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A Pilot Study of Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants (CTEPP)

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Summary of CTEPP Standard Operating Procedures (SOPs)

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CTEPP SOP Number	CTEPP SOPs
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Appendix B

CTEPP North Caroline and Ohio Field Study Recruitment Reports

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I. Introduction

The research study, "Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants," (CTEPP) is a pilot-scale project involving about 260 children, which investigates the possible exposures that young children may have to common contaminants in their everyday surroundings. These contaminants include several pesticides, phenols, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, some of which are suspected of being endocrine disrupters. The targeted compounds are persistent in the indoor and sometimes the outdoor environments, so that very low levels may exist in the children's surrounding microenvironments and provide a source of chronic, non-acute exposure. The primary purposes of the research are to increase our understanding of children's exposures to persistent pollutants, to gain information on the various activities, environmental media, and pollutant characteristics that may influence children's exposures, and to generate further questions and hypotheses for future research.

II Daycare Center Sample Subjects Recruitment

Detailed subjects recruitment procedures and sample selection methods are documented in CTEPP SOP 1.10 and SOP1.11. NC subjects recruitment was conducted in two phases. Phase I daycare center subjects recruitment in four NC counties (Durham, Buncombe, Lee, and Mecklenburg) began in February 2000 and stopped on February 29, 2000 due to the OMB Y2K Census requirement. Subjects recruitment resumed in July 2000 and continued through December 2000. Phase I recruitment achieved 80% of the target subjects recruitment (enrolled 51 of 64 target subjects).

Phase II recruitment was conducted for the two eastern NC counties affected by the flooding that resulted from Hurricane Floyd (Edgecombe and Jones). Phase II recruitment began on February 26, 2001 and was completed on March 30, 2001. Twelve additional subjects were enrolled in phase II. The project has achieved 98% of the NC daycare center subject recruitment target (enrolled 63 of 64 target subjects).

III. Telephone Sample Subjects Recruitment

The sample design utilized for the CTEPP telephone component is intended to fulfill the objectives of:

- Efficiently identifying telephone households having one or more children in the eligible age range and meeting the sampling targets in the high and low income domains

- Providing coverage of households with unlisted telephone numbers

With respect to the first objective, the Marketing Systems Group (MSG) uses Census data, marketing research data, and other sources to classify directory-listed households as having one or more children in the age range of one to five years or no children in that age group. The same data is used to assign the directory-listed households to an income range. While not all households classified as

having children in the target age range will indeed have eligible children, the eligibility rate will still be much higher than a simple random sample of households.

The counts of directory-listed households having children in the target age group for the counties provided by MSG are considerably less than the Census demographic estimates. A portion of the eligible households in a study county will be in the group of households that MSG has classified as having no children in the target age range, but the eligibility rate will still be very small. We must allocate some percentage of our sample to this group of directory-listed households. To allocate a greater proportion of our total sample to the first group of households we stratified the directory-listed households.

All directory-listed households in each of the six study counties were assigned to one of the 4 strata:

1. Directory-listed households with income above $25,000 and having one or more children in the target age range

2. Directory-listed households with income below or equal to $25,000 and having one or more children in the target age range

3. Directory-listed households with income above $25,000 and having no children in the target age range

4. Directory-listed households with income below or equal to $25,000 and having no children in the target age range

With respect to the second objective, some counties may have as many as 30% of households with unlisted telephone numbers, therefore some of the eligible households in a study county will have unlisted telephone numbers. Trying to estimate the eligibility rate for households having unlisted telephone numbers is difficult. We use a random digit dialing (RDD) approach to give these unlisted telephone households some chance of selection.

To implement the RDD approach, MSG first identifies all telephone exchanges in the study county. Telephone exchanges having very low percentages of directory-listed households in the study county are deleted. From the remaining exchanges, MSG draws a systematic sample of telephone numbers. Some of these telephone numbers are residential and some are business and nonworking. To prevent a directory-listed telephone number from being sampled in both the RDD frame and the directory-listed frame, MSG selects the RDD sample of telephone numbers first. The sampled telephone numbers are matched to the database of directory-listed telephone numbers. Those telephone numbers identified as directory-listed are removed from the directory-listed frame prior to the stratification described above.

Trying to determine the percentage of the total sample that should be allocated to the RDD frame based is difficult. First, the proportion of working residential telephones can vary considerably from county to county so trying to estimate the total number of telephone households in this frame is imprecise. Second, the estimation of the eligibility rate in this frame is imprecise. Since the contact

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rate in this frame is substantially lower than any of the four directory-listed strata, the primary determinant of our allocation is dialing efficiency.

Telephone subjects recruitment for four NC counties (Durham, Buncombe, Lee, and Mecklenburg) began in July 2000 and completed in November 2000. The project achieved 54% response rate (using the response rate calculation method suggested by EPA) in Phase I recruitment and screened a total of 244 potentially eligible households for the project. As of the end of December 2000, the project completed field sampling activities with 75% of the target participants (enrolled 48 of 64 target subjects). Phase II telephone subjects recruitment for the two eastern NC counties (Edgecombe and Jones) began in January 2001. A total of 28 potentially eligible subjects were identified. The telephone subjects recruitment was completed on March 30, 2001; a total of 67 subjects participated in the study, which is 105% of the recruitment target.

IV Summary

Table 1 provides detailed outcomes for telephone subjects recruitment. A total of 12,262 phone numbers were called. The project achieved 58% response rate. The method for calculating response rates is also described in Table 1. Recruitment results for daycare centers and daycare parents are provided in Tables 2 and 3. We used the same method suggested by EPA to calculate the response rates. The project achieved 53% response rate for daycare centers and 50% response rate for daycare parents. The field sampling activities were conducted in 23 weeks (Table 4). The number of participants in each county is summarized in Table 5. The participant's income status is summarized in Table 6. The distribution of low and mid-to-high income among telephone (RDD) subjects is very close to the original sampling plan. However, for daycare center subjects, low income subjects were over enrolled, which was due to many of the subjects from the regular daycare centers being low income subjects.

The distribution of participants by NC counties is illustrated in Figure 1. Figure 2 shows the distribution of daycare center participants by urban and rural locations. Figure 3 shows the distribution of telephone (RDD) subjects by urban and rural locations. Figure 4 shows the distribution of daycare center participants by counties. Figure 5 shows the distribution of RDD telephone participants by counties.

V References

CTEPP-SOP-1.10	Sample Selection Procedures
CTEPP-SOP-1.11	Daycare Center Sample Subjects Recruitment Procedures
CTEPP-SOP-1.12	Telephone Sample Subjects Recruitment Procedures
CTEPP-SOP-1.13	Informed Consent Procedures

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Table 1. CTEPP Call Ourcomes Report

CTEPP Call Outcomes Report 3/30/2001	Buncombe	Mecklenburg	Durham	Lee	Edgecombe	Jones	Overall Total
A. Agree to Participate/Eligible:	**15**	**118**	**85**	**26**	**18**	**10**	**272**
B. Ineligible subjects:	**643**	**1882**	**1480**	**642**	**970**	**930**	**6547**
(1) not a private residence	95	352	153	62	67	39	768
(2) no children in the household	386	669	585	312	516	576	3044
(3) cannot communicate	15	83	95	22	25	25	265
(4) no child in the age range	105	341	257	143	233	241	1320
(5) not stay with child 3 consec days	1	11	11	5	5	5	
(6) child attends a day care	30	348	325	77	106	35	921
(7) child is not potty-trained	11	68	52	21	18	9	179
(8) child is still being breast-fed		10	2				12
C. Refused Screening:	**143**	**526**	**369**	**174**	**83**	**84**	**1379**
C1. Eligible subjects/Refused:	3	29	18	8	1	2	61
C2. Eligibility Unknown:	140	497	351	166	82	82	1318
D. Non-Working Numbers:	**245**	**693**	**721**	**218**	**297**	**401**	**2575**
E. Cannot be reached	**62**	**613**	**489**	**128**	**122**	**75**	**1489**
Total Cases With Final Outcome:	**1108**	**3832**	**3144**	**1188**	**1490**	**1500**	**12262**
Total Cases Loaded in CATI	**1108**	**3832**	**3144**	**1188**	**1490**	**1500**	**12262**
Cases Still Active in CATI	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Calculate Response Rates							
A. Eligible and Completed	**15**	**118**	**85**	**26**	**18**	**10**	**272**
B. Total Eligible	**18**	**147**	**103**	**34**	**19**	**12**	**333**
C. Total Ineligible	**643**	**1882**	**1480**	**642**	**970**	**930**	**6547**
D. Eligibility Unknown	**202**	**1110**	**840**	**294**	**204**	**157**	**2807**
E. Final Response Rate	**64%**	**52%**	**54%**	**53%**	**79%**	**71%**	**58%**

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

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Table 2. CTEPP Day Care Center Recruitment Results

CTEPP ID	County	Day Care Centers Head Start	AGREE	REFUSED	*NO CONTACT	INELIGIBLE	Total
			13	4	10	5	32
1	Durham	Day Care Center	1				
2	Durham	Day Care Center	1				
3	Durham	Day Care Center				1	
4	Durham	HEAD START	1				
23	Durham	Day Care Center			1		
24	Durham	Day Care Center	1				
5	Buncombe	Day Care Center	1				
6	Buncombe	HEAD START				1	
7	Buncombe	Day Care Center		1			
8	Buncombe	HEAD START			1		
21	Buncombe	Day Care Center	1				
22	Buncombe	Day Care Center			1		
9	Lee	Day Care Center	1				
10	Lee	HEAD START	1				
11	Mecklenburg	Day Care Center			1		
12	Mecklenburg	Day Care Center		1			
13	Mecklenburg	Day Care Center			1		
14	Mecklenburg	Day Care Center		1			
15	Mecklenburg	Day Care Center	1				
16	Mecklenburg	HEAD START	1				
17	Mecklenburg	HEAD START				1	
25	Mecklenburg	Day Care Center			1		
26	Mecklenburg	Day Care Center		1			
27	Mecklenburg	Day Care Center			1		
28	Mecklenburg	Day Care Center	1				
29	Mecklenburg	Day Care Center			1		
19	Edgecombe	Day Care Center			1		
31	Edgecombe	Day Care Center *				1	
18	Edgecombe	HEAD START	1				
30	Edgecombe	HEAD START	1				
20	Jones	Day Care Center				1	
32	Jones	Day Care Center			1		

*** NO CONTACT = Cannot reach the day care director or the director cannot make a decision within the data collection period.**

* Still dealing with flooding problems

* Still dealing with flooding problems, Director agreed, but no parents.

Calculate Response Rates	Summary
A. Eligible and Completed	13
B. Total Eligible	17
C. Total Ineligible	5
D. Eligibility Unknown	10
E. Final Response Rate	53%

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

Table 3. CTEPP Day Care Parent Response Rate

Wk#	CTEPP ID#	County	Sampling Date Day-1	Number of Parents Attempted	Responded Agreed	Responded Refused	Responded Ineligible	No Contact*	Total
1	1	Durham	7/17/2000	10	4	0	0	6	**10**
2	2	Durham	7/24/2000	17	5	0	3	9	**17**
3	5	Buncombe	7/31/2000	16	6	0	5	5	**16**
4	15	Mecklenburg	8/7/2000	19	3	3	10	3	**19**
6	9	Lee	8/28/2000	15	4	8	1	2	**15**
9	4	Durham	10/2/2000	16	5	0	4	7	**16**
11	10	Lee	10/16/2000	14	6	1	1	6	**14**
12	16	Mecklenburg	10/23/2000	14	6	0	1	7	**14**
14	21	Buncombe	11/6/2000	9	4	2	1	2	**9**
15	24	Durham	11/13/2000	10	5	0	0	5	**10**
18	28	Mecklenburg	12/11/2000	14	9	0	0	5	**14**
22	18	Edgecombe	3/19/2001	14	6	0	0	8	**14**
23	30	Edgecombe	3/26/2001	14	6	2	0	6	**14**
		TOTAL		**182**	**69**	**16**	**26**	**71**	**182**

*** NO CONTACT = Cannot reach the selected parents or the parents cannot make a decision within the contact window.**

Calculate Response Rates	Summary
A. Eligible and Completed	69
B. Total Eligible	85
C. Total Ineligible	26
D. Eligibility Unknown	71
E. Final Response Rate	50%

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

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Table 4. Field Data Collection Summary by Sampling Week

Field Data Collection Summary by Sampling Week			Data Collection Completed		Total	Remarks
			Day Care Participant	RDD Participants		
		Target	64	64	128	
Week#	As of 3/30/2001		63	67	130	
			% of Target	% of Target		
	County	Date/Day-1	98%	105%	102%	
1	Durham	7/17/2000	3		3	*was 4, 1 last minute dropout
2	Durham	7/24/2000	5		5	
3	Buncombe	7/31/2000	6		6	
4	Mecklenburg	8/7/2000	3		3	*was 4, 1 last minute dropout
5	Buncombe	8/21/2000		6	6	
5	Lee	8/21/2000		1	1	
6	Lee	8/28/2000	4		4	
6	Durham	8/30/2000		1	1	
7	Durham	9/11/2000		1	1	
8	Mecklenburg	9/18/2000		5	5	
8	Durham	9/19/2000		1	1	
9	Durham	10/2/2000	5		5	
10	Mecklenburg	10/9/2000		7	7	
11	Lee	10/16/2000	5		5	
12	Mecklenburg	10/23/2000	6		6	
13	Durham	10/30/2000		8	8	
14	Buncombe	11/6/2000	4	1	5	
15	Durham	11/13/2000	4	3	7	
	Holidays	11/20/2000				
16	Lee	11/27/2000		6	6	
17	Mecklenburg	12/4/2000		7	7	
18	Mecklenburg	12/11/2000	6	1	7	
19	Jones	2/26/2001		5	5	
20	Edgecombe	3/5/2001		2	2	
20	Durham	3/5/2001		4	4	
21	Durham	3/12/2001		8	8	
22	Edgecombe	3/19/2001	6		6	
23	Edgecombe	3/26/2001	6		6	

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Table 5. Field Data collection Summary by County

Field Data Collection Summary by County				Data Collection Completed			
				Day Care Participant	RDD Participants	Total	Remarks
			Target	64	64	128	
			As of 3/30/2001	63	67	130	
Week#	County	Date/Day-1	% of Target	98%	105%	102%	
3	Buncombe	7/31/2000		6		6	
5	Buncombe	8/21/2000			6	6	
14	Buncombe	11/6/2000		4	1	5	
	Subtotal	Buncombe		10	7	17	
1	Durham	7/17/2000		3		3	*was 4, 1 last minute dropout
2	Durham	7/24/2000		5		5	
6	Durham	8/30/2000			1	1	
7	Durham	9/11/2000			1	1	
8	Durham	9/19/2000			1	1	
9	Durham	10/2/2000		5		5	
13	Durham	10/30/2000			8	8	
15	Durham	11/13/2000		4	3	7	
20	Durham	3/5/2001			4	4	
21	Durham	3/12/2001			8	8	
	Subtotal	Durham		17	26	43	
5	Lee	8/21/2000			1	1	
6	Lee	8/28/2000		4		4	
11	Lee	10/16/2000		5		5	
16	Lee	11/27/2000			6	6	
	Subtotal	Lee		9	7	16	
4	Mecklenburg	8/7/2000		3		3	*was 4, 1 last minute dropout
8	Mecklenburg	9/18/2000			5	5	
10	Mecklenburg	10/9/2000			7	7	
12	Mecklenburg	10/23/2000		6		6	
17	Mecklenburg	12/4/2000			7	7	
18	Mecklenburg	12/11/2000		6	1	7	
	Subtotal	Mecklenburg		15	20	35	
19	Jones	2/26/2001			5	5	
	Jones					0	
	Subtotal	Jones		0	5	5	
20	Edgecombe	3/5/2001			2	2	* Was 3, 1 did not show up.
22	Edgecombe	3/19/2001		6		6	
23	Edgecombe	3/26/2001		6		6	
	Subtotal	Edgecombe		12	2	14	

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Table 6. Summary of CTEPP NC Participants

Final NC Results		Telephone Sample				Day Care Sample				
		Unknown	Low-income	Mid-income	Subtotal	Unknown	Low-income	Mid-income	Subtotal	Total
Urban	Buncombe		6	1	**7**		6	4	**10**	**17**
	Durham		5	21	**26**		5	12	**17**	**43**
	Mecklenburg	3	2	15	**20**	1	11	3	**15**	**35**
	Edgecombe		1	1	**2**	1	11	0	**12**	**14**
	Total Urban	**3**	**14**	**38**	**55**	**2**	**33**	**19**	**54**	**109**
Rural	Lee		4	3	**7**	1	5	3	**9**	**16**
	Jones	1	3	1	**5**		0	0	**0**	**5**
	Total Rural	**1**	**7**	**4**	**12**	**1**	**5**	**3**	**9**	**21**
	Total NC	**4**	**21**	**42**	**67**	**3**	**38**	**22**	**63**	**130**
	% of Total	**6%**	**31%**	**63%**	**100%**	**5%**	**60%**	**35%**	**100%**	

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Figure 1. NC Final Data Collection

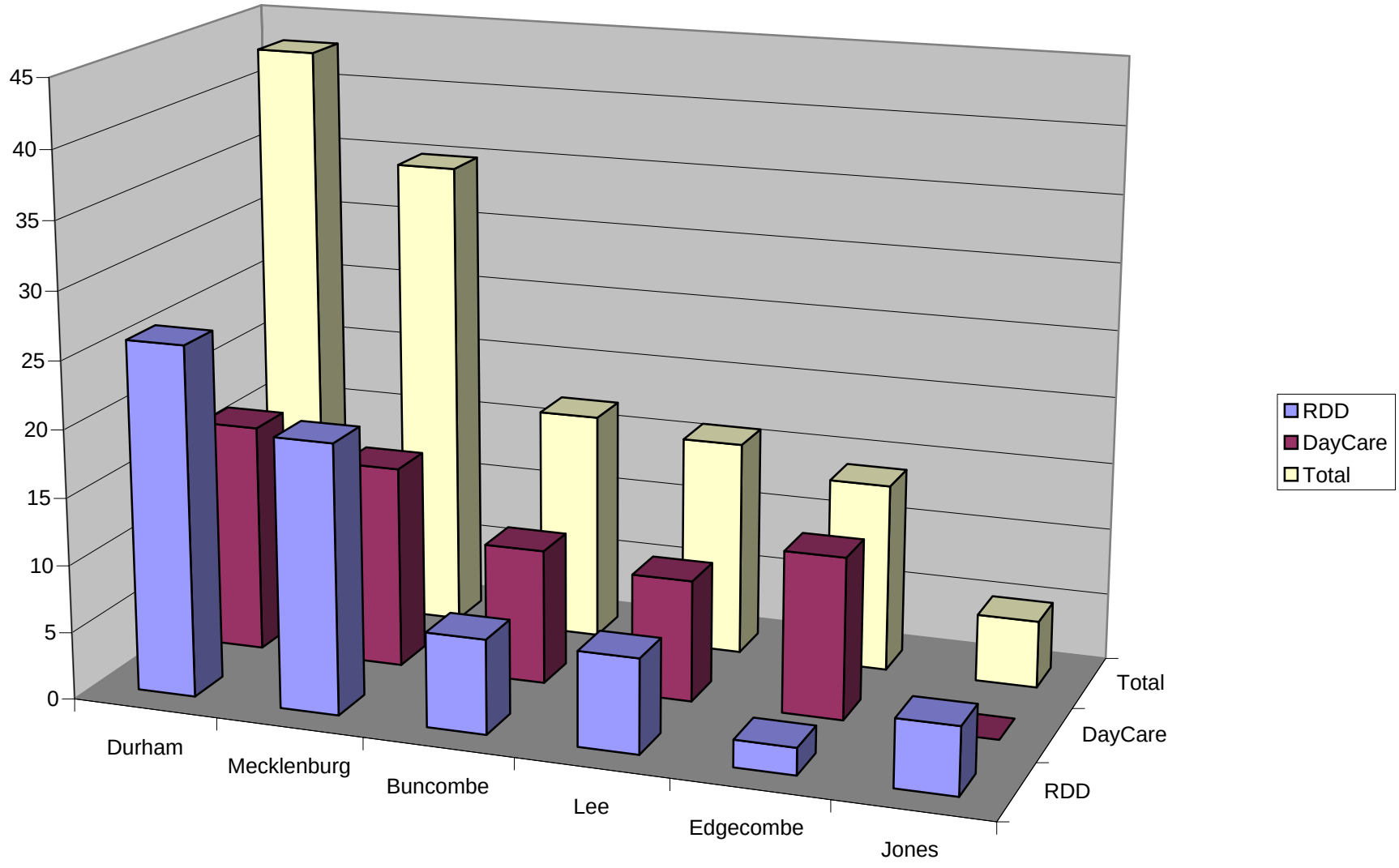

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Figure 2. CTEPP NC DayCare

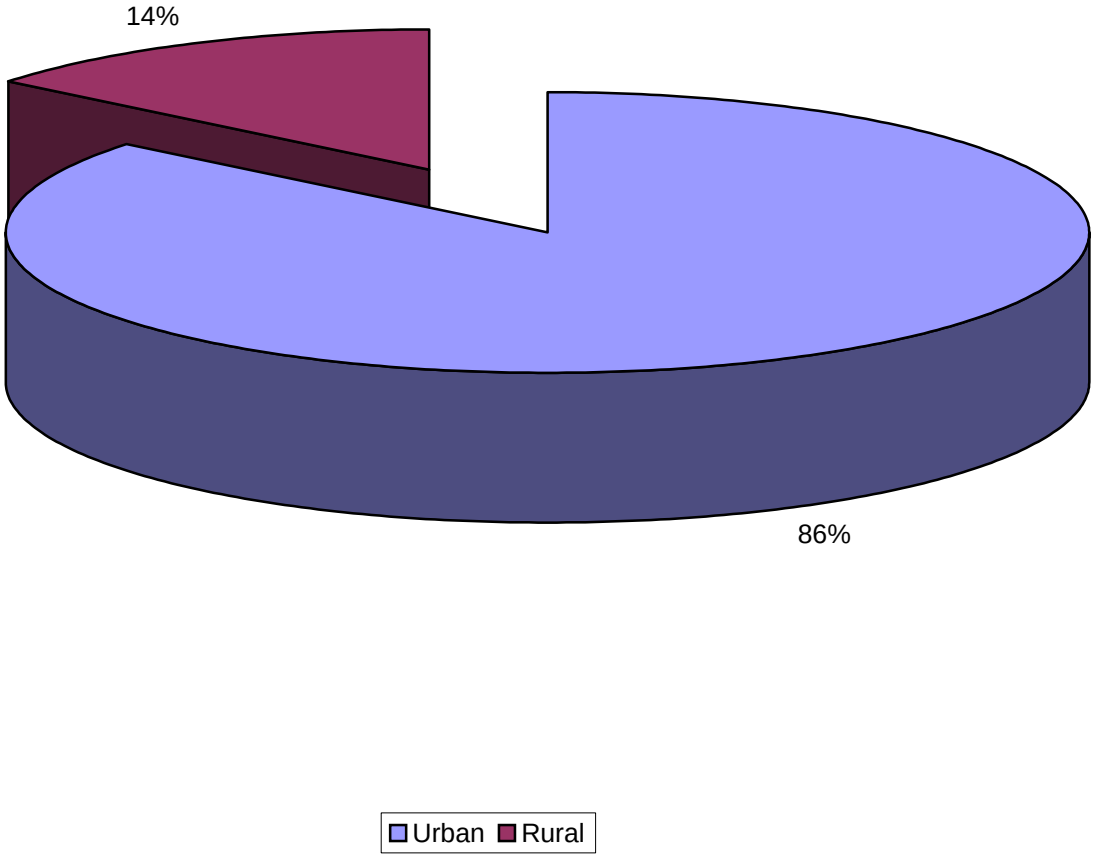

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Figure 3. CTEPP NC RDD

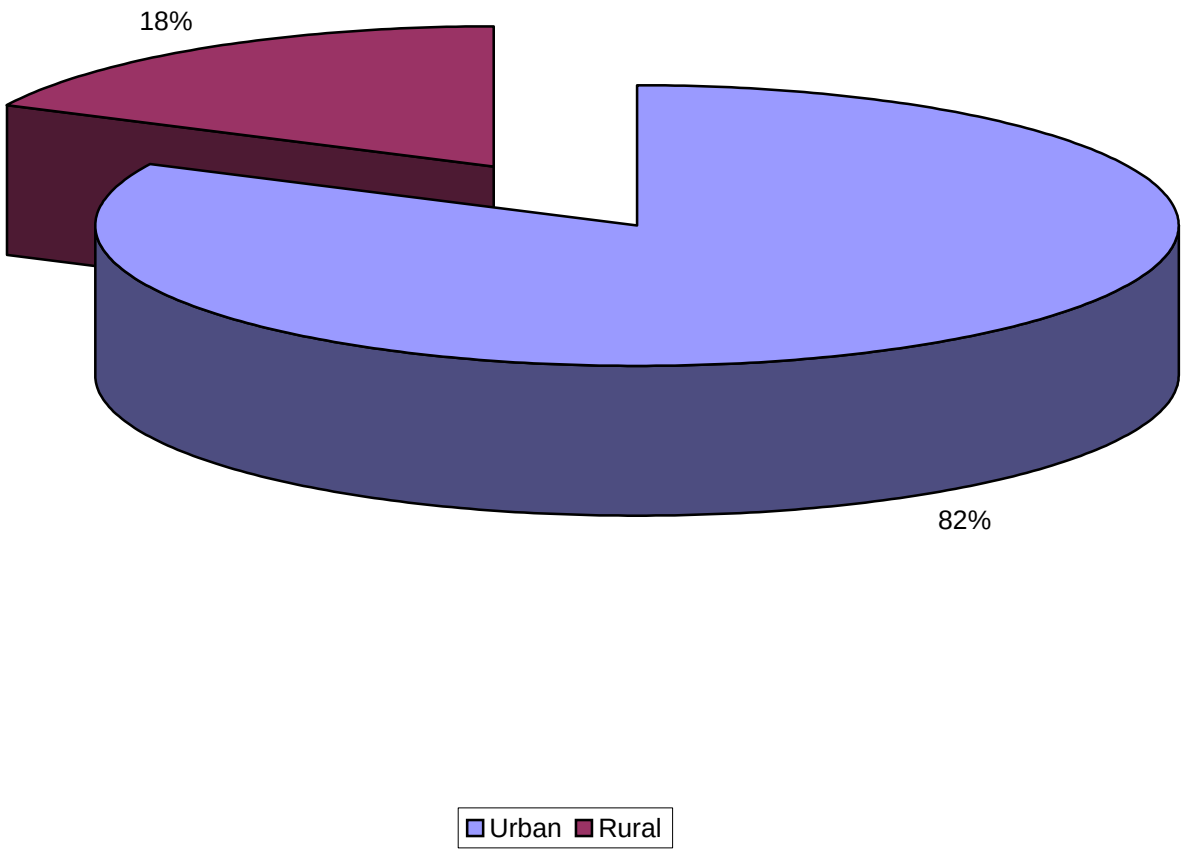

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Figure 4. CTEPP NC Day Care Centers

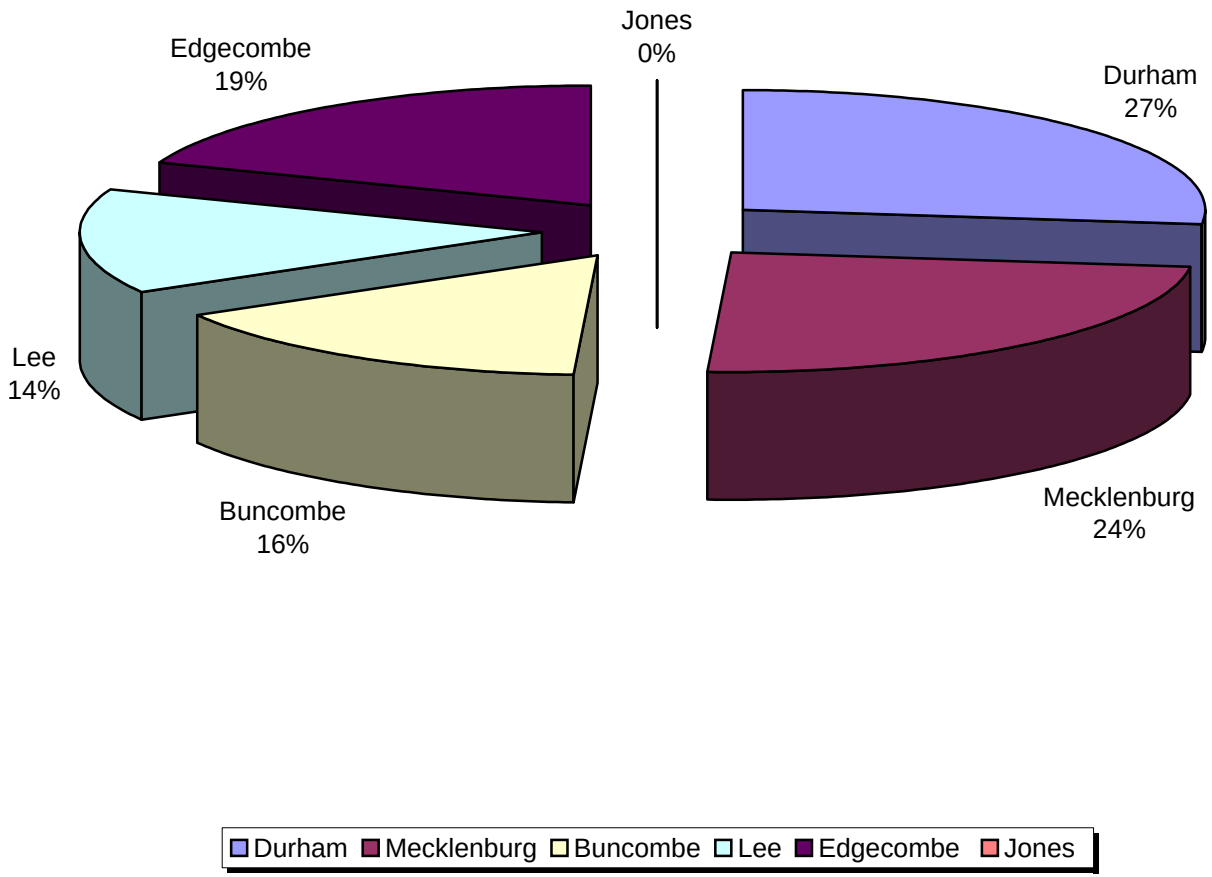

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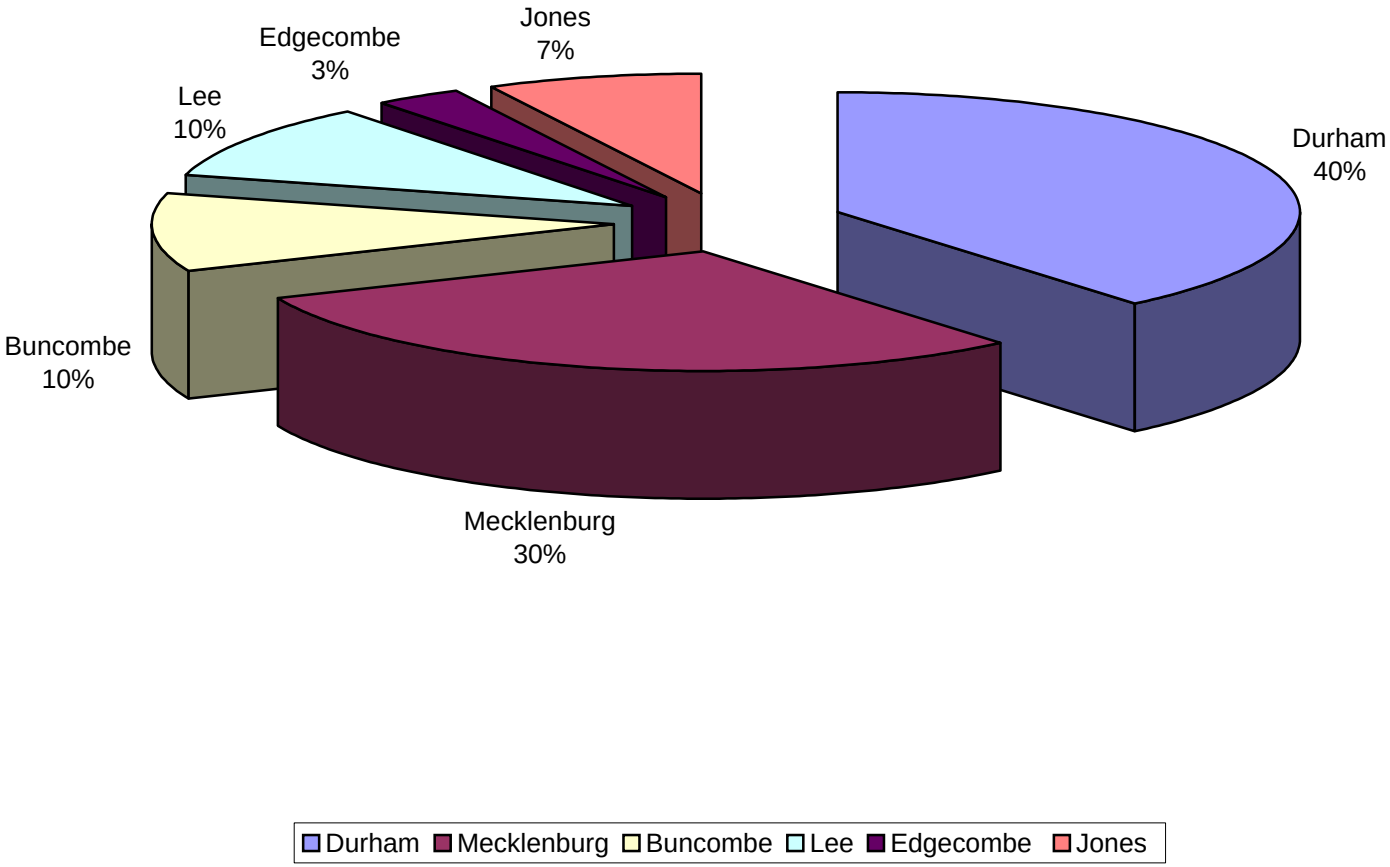
Figure 5. CTEPP NC RDD



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I. Introduction

The research study, "Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants," (CTEPP) is a pilot-scale project involving about 260 children, which investigates the possible exposures that young children may have to common contaminants in their everyday surroundings. These contaminants include several pesticides, phenols, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, some of which are suspected of being endocrine disrupters. The targeted compounds are persistent in the indoor and sometimes the outdoor environments, so that very low levels may exist in the children's surrounding microenvironments and provide a source of chronic, non-acute exposure. The primary purposes of the research are to increase our understanding of children's exposures to persistent pollutants, to gain information on the various activities, environmental media, and pollutant characteristics that may influence children's exposures, and to generate further questions and hypotheses for future research.

II. Daycare Center Sample Subjects Recruitment

Detailed subjects recruitment procedures and sample selection methods are documented in CTEPP SOP 1.10 and SOP1.11. Ohio daycare subjects recruitment began in January 2001 and completed in November 2001. The project enrolled 16 child care centers (12 regular daycare and 4 Head Start), completed sampling activities with 58 households, and achieved 91% of the planned target (64). The daycare center response rate is 58% and the daycare parents response rate is 31% (using the response rate calculation method suggested by EPA).

III. Telephone Sample Subjects Recruitment

The sample design utilized for the CTEPP telephone component is intended to fulfill the objectives of:

- Efficiently identifying telephone households having one or more children in the eligible age range and meeting the sampling targets in the high and low income domains

- Providing coverage of households with unlisted telephone numbers

With respect to the first objective, the Marketing Systems Group (MSG) uses Census data, marketing research data, and other sources to classify directory-listed households as having one or more children in the age range of one to five years or no children in that age group. The same data is used to assign the directory-listed households to an income range. While not all households classified as having children in the target age range will indeed have eligible children, the eligibility rate will still be much higher than a simple random sample of households.

The counts of directory-listed households having children in the target age group for the counties provided by MSG are considerably less than the Census demographic estimates. A portion of the eligible households in a study county will be in the group of households that MSG has classified as having no children in the target age range, but the eligibility rate will still be very small. We must allocate some percentage of our sample to this group of directory-listed households. To allocate a greater proportion of our total sample to the first group of households we stratified the directory-listed households.

All directory-listed households in each of the six OH study counties were assigned to one of the 4 strata:

1. Directory-listed households with income above $25,000 and having one or more children in the target age range

2. Directory-listed households with income below or equal to $25,000 and having one or more children in the target age range

3. Directory-listed households with income above $25,000 and having no children in the target age range

4. Directory-listed households with income below or equal to $25,000 and having no children in the target age range

With respect to the second objective, some counties may have as many as 30% of households with unlisted telephone numbers, therefore some of the eligible households in a study county will have unlisted telephone numbers. Trying to estimate the eligibility rate for households having unlisted telephone numbers is difficult. We use a random digit dialing (RDD) approach to give these unlisted telephone households some chance of selection.

To implement the RDD approach, MSG first identifies all telephone exchanges in the study county. Telephone exchanges having very low percentages of directory-listed households in the study county are deleted. From the remaining exchanges, MSG draws a systematic sample of telephone numbers. Some of these telephone numbers are residential and some are business and nonworking. To prevent a directory-listed telephone number from being sampled in both the RDD frame and the directory-listed frame, MSG selects the RDD sample of telephone numbers first. The sampled telephone numbers are matched to the database of directory-listed telephone numbers. Those telephone numbers identified as directory-listed are removed from the directory-listed frame prior to the stratification described above.

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Trying to determine the percentage of the total sample that should be allocated to the RDD frame based is difficult. First, the proportion of working residential telephones can vary considerably from county to county so trying to estimate the total number of telephone households in this frame is imprecise. Second, the estimation of the eligibility rate in this frame is imprecise. Since the contact rate in this frame is substantially lower than any of the four directory-listed strata, the primary determinant of our allocation is dialing efficiency.

Telephone subjects recruitment for OH counties began in March 2001 and completed in November 2001. The project achieved an overall 57% response rate (using the response rate calculation method suggested by EPA) and screened a total of 165 potentially eligible households for the project. A total of 69 subjects participated in the study, which is 108% of the recruitment target (64).

IV Summary

Table 1 provides detailed outcomes for telephone subjects recruitment. A total of 10,179 phone numbers were called. The project achieved an overall 57% response rate. The method for calculating response rates is also described in Table 1. Recruitment results for daycare centers and daycare parents are provided in Tables 2 and 3. We used the same method suggested by EPA to calculate the response rates. The project achieved 57% response rate for daycare centers and 31% response rate for daycare parents. The field sampling activities were conducted in 27 weeks (Table 4). The number of participants in each county is summarized in Table 5. The participant's income status is summarized in Table 6.

The distribution of participants by OH counties is illustrated in Figure 1. Figure 2 shows the distribution of daycare center participants by urban and rural locations. Figure 3 shows the distribution of telephone (RDD) subjects by urban and rural locations. Figure 4 shows the distribution of daycare center participants by counties. Figure 5 shows the distribution of RDD telephone participants by counties.

V References

CTEPP-SOP-1.10	Sample Selection Procedures
CTEPP-SOP-1.11	Daycare Center Sample Subjects Recruitment Procedures
CTEPP-SOP-1.12	Telephone Sample Subjects Recruitment Procedures
CTEPP-SOP-1.13	Informed Consent Procedures

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Table 1. CTEPP Call Outcomes Report

CTEPP Ohio Call Outcomes Report 11/30/2001	Cuyahoga	Defiance	Fayette	Franklin	Hamilton	Licking	Overall Total
A. Agree to Participate/Eligible:	**40**	**15**	**12**	**34**	**44**	**20**	**165**
B. Ineligible subjects:	**1022**	**476**	**677**	**740**	**1033**	**650**	**4598**
(1) not a private residence	78	22	23	56	58	33	270
(2) no children in the household	583	315	450	412	669	388	2817
(3) cannot communicate	15	1	19	9		4	48
(4) no child in the age range	266	122	140	194	240	187	1149
(5) not stay with child 3 consec days	1	2	4	1	4		12
(6) child attends a day care	57	10	29	47	38	27	208
(7) child is not potty-trained	21	4	12	18	22	10	87
(8) child is still being breast-fed	1			3	2	1	7
C. Refused Screening:	**90**	**41**	**43**	**70**	**55**	**58**	**357**
C1. Eligible subjects/Refused:	6	3	4	7	4	2	26
C2. Eligibility Unknown:	84	38	39	63	51	56	331
D. Non-Working Numbers:	**551**	**388**	**437**	**497**	**538**	**530**	**2941**
E. Cannot be reached	**517**	**231**	**175**	**459**	**405**	**331**	**2118**
Total Cases With Final Outcome:	**2220**	**1151**	**1344**	**1800**	**2075**	**1589**	**10179**
Total Cases Loaded in CATI	**2220**	**1151**	**1344**	**1800**	**2075**	**1589**	**10179**
Cases Still Active in CATI	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Calculate Response Rates							
A. Eligible and Completed	**40**	**15**	**12**	**34**	**44**	**20**	**165**
B. Total Eligible	**46**	**18**	**16**	**41**	**48**	**22**	**191**
C. Total Ineligible	**1022**	**476**	**677**	**740**	**1033**	**650**	**4598**
D. Eligibility Unknown	**601**	**269**	**214**	**522**	**456**	**387**	**2449**
E. Final Response Rate	**56%**	**54%**	**57%**	**50%**	**64%**	**58%**	**57%**

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

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Table 2. CTEPP Day Care Center Recruitment results

CTEPP ID	Ohio County	Day care Centers Head Start	AGREE	REFUSED	*NO CONTACT	INELIGIBLE	Total
	As of 11/30/2001		16	8	5	4	33
			67%	33%			
49	Franklin	Day Care Center		1			
50	Franklin	Day Care Center			1		
51	Franklin	Day Care Center	1				
52	Franklin	Day Care Center	1				
53	Franklin	Head Start				1	
54	Franklin	Head Start		1			
63	Franklin	Day Care Center	1				
62	Franklin	Day Care Center	1				
60	Licking	Day Care Center			1		
61	Licking	Head Start	1				
40	Cuyahoga	Day Care Center			1		
41	Cuyahoga	Day Care Center	1				
42	Cuyahoga	Day Care Center		1			
43	Cuyahoga	Day Care Center		1			
44	Cuyahoga	Day Care Center	1				
45	Cuyahoga	Head Start	1				
46	Cuyahoga	Head Start	1				
64	Cuyahoga	Day Care Center	1				
65	Cuyahoga	Day Care Center			1		
66	Cuyahoga	Day Care Center	1				
67	Cuyahoga	Day Care Center		1			
68	Cuyahoga	Day Care Center			1		
47	Defiance	Day Care Center		1			
69	Defiance	Day Care Center	1				
55	Hamilton	Day Care Center	1				
56	Hamilton	Day Care Center	1				
57	Hamilton	Day Care Center		1			
58	Hamilton	Head Start				1	
59	Hamilton	Head Start				1	
72	Hamilton	Head Start	1				
48	Fayette	Head Start				1	
70	Fayette	Day Care Center	1				
71	Fayette	Day Care Center		1			

* NO CONTACT = Cannot reach the daycare director or the director cannot make a decision within the data collection period.

Calculate Response Rates	Summary
A. Eligible and Completed	16
B. Total Eligible	24
C. Total Ineligible	4
D. Eligibility Unknown	5
E. Final Response Rate	57%

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

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Table 3. CTEPP Day Care Parent Response Rate

Wk#	CTEPP ID#	County	Sampling Date Day-1	Number of Parents Attempted	Responded Agreed	Responded Refused	Responded Ineligible	No Contact*	Total
1	51	Franklin	4/23/2001	16	5	1	0	10	16
3	52	Franklin	5/7/2001	15	6	0	0	9	15
4	61	Licking	5/14/2001	14	5	0	0	9	14
7	62	Franklin	6/4/2001	19	7	0	0	12	19
8	63	Franklin	6/11/2001	14	6	0	3	5	14
10	44	Cuyahoga	6/25/2001	14	6	0	0	8	14
11	41	Cuyahoga	7/9/2001	14	2	5	0	7	14
12	66	Cuyahoga	7/16/2001	16	4	2	0	10	16
15	69	Defiance	8/6/2001	11	4	1	0	6	11
17	55	Hamilton	8/20/2001	12	3	3	2	4	12
18	56	Hamilton	8/27/2001	14	3	1	0	10	14
21	72	Hamilton	9/24/2001	15	4	4	0	7	15
22	70	Fayette	10/1/2001	14	4	0	1	9	14
24	46	Cuyahoga	10/15/2001	14	4	2	0	8	14
25	45	Cuyahoga	10/22/2001	14	4	5	0	5	14
27	64	Cuyahoga	11/5/2001	33	4	5	2	22	33
		Total		**249**	**71**	**29**	**8**	**141**	**249**

* NO CONTACT = Cannot reach the selected parents or the parents cannot make a decision within the contact window.

Calculate Response Rates	Summary
A. Eligible and Completed	71
B. Total Eligible	100
C. Total Ineligible	8
D. Eligibility Unknown	141
E. Final Response Rate	31%

$$RR = \frac{A}{B + \left[\frac{B}{B+C}\right] \times D}$$

Table 4. Field Data Collection Summary by Sampling Week

Field Data Collection Summary by Sampling Week			Data Collection Completed		Total	Remarks
			Daycare Participant	RDD Participants		
		Target	64	64	128	
Week#	As of 11/30/2001		58	69	127	
			% of Target	% of Target		
	County	Date/Day-1	91%	108%	99%	
1	Franklin	4/23/2001	4		4	
2	Franklin	4/30/2001		7	7	
3	Franklin	5/7/2001	4	1	5	
4	Licking	5/14/2001	4		4	
5	Franklin	5/21/2001		7	7	
6	Franklin	5/28/2001		1	1	
7	Franklin	6/4/2001	4		4	
8	Franklin	6/11/2001	4		4	
9	Licking	6/18/2001		7	7	
10	Cuyahoga	1/0/1900	4		4	
11	Cuyahoga	7/9/2001	2		2	
12	Cuyahoga	7/16/2001	4		4	
13	Cuyahoga	7/23/2001		8	8	
14	Cuyahoga	7/30/2001		8	8	
15	Defiance	8/6/2001	4		4	
16	Defiance	8/13/2001		6	6	
17	Hamilton	8/20/2001	3		3	
18	Hamilton	8/27/2001	3	1	4	
19	Hamilton	9/10/2001		8	8	
20	Hamilton	9/17/2001		8	8	
21	Hamilton	9/24/2001	4		4	
22	Fayette	10/1/2001	4		4	
23	Fayette	10/8/2001		3	3	
24	Cuyahoga	10/15/2001	4		4	
25	Cuyahoga	10/22/2001	3		3	
26	Franklin	10/29/2001		4	4	
27	Cuyahoga	11/5/2001	3		3	

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Table 5. Field Data Collection by County

Field Data Collection Summary by County			Data Collection Completed		Total	Remarks
			Daycare Participant	RDD Participants		
		Target	64	64	128	
As of 11/30/2001		Actual Total	58	69	127	
Week#	County	Date/Day-1				
1	Franklin	4/23/2001	4		4	
2	Franklin	4/30/2001		7	7	
3	Franklin	5/7/2001	4	1	5	
5	Franklin	5/21/2001		7	7	
6	Franklin	5/28/2001		1	1	
7	Franklin	6/4/2001	4		4	
8	Franklin	6/11/2001	4		4	
26	Franklin	10/29/2001		4	4	
	Subtotal	**Franklin**	**16**	**20**	**36**	
4	Licking	5/14/2001	4		4	
9	Licking	6/18/2001		7	7	
	Subtotal	**Licking**	**4**	**7**	**11**	
10	Cuyahoga	6/25/2001	4		4	
11	Cuyahoga	7/9/2001	2		2	
12	Cuyahoga	7/16/2001	4		4	
13	Cuyahoga	7/23/2001		8	8	
14	Cuyahoga	7/30/2001		8	8	
24	Cuyahoga	10/15/2001	4			
25	Cuyahoga	10/22/2001	3			
27	Cuyahoga	11/5/2001	3			
	Subtotal	**Cuyahoga**	**20**	**16**	**36**	
15	Defiance	8/6/2001	4		4	
16	Defiance	8/13/2001		6	6	
	Subtotal	**Defiance**	**4**	**6**	**10**	
17	Hamilton	8/20/2001	3		3	
18	Hamilton	8/27/2001	3	1	4	
19	Hamilton	9/10/2001		8	8	
20	Hamilton	9/17/2001		8	8	
21	Hamilton	9/24/2001	4		4	
	Subtotal	**Hamilton**	**10**	**17**	**27**	
22	Fayette	10/1/2001	4		4	
23	Fayette	10/8/2001		3	3	
	Subtotal	**Fayette**	**4**	**3**	**7**	

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Table 6. Summary of CTEPP OH Participants

Final OH Results		Telephone Sample				Daycare Sample				
		Unknown	Low-income	Mid-income	Subtotal	Unknown	Low-income	Mid-income	Subtotal	Total
Urban	Cuyahoga	1	4	11	**16**		10	10	**20**	**36**
	Licking			7	**7**		4		**4**	**11**
	Franklin		7	13	**20**	2	6	8	**16**	**36**
	Hamilton		2	15	**17**	1	9	0	**10**	**27**
	Total Urban	**1**	**13**	**46**	**60**	**3**	**29**	**18**	**50**	**110**
Rural	Defiance		2	4	**6**	2		2	**4**	**10**
	Fayette		3		**3**			4	**4**	**7**
	Total Rural	**0**	**5**	**4**	**9**	**2**	**0**	**6**	**8**	**17**
	Total OH	**1**	**18**	**50**	**69**	**5**	**29**	**24**	**58**	**127**
	% of Total	**1%**	**26%**	**72%**	**100%**	**9%**	**50%**	**41%**	**100%**	

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Figure 1. OH Final Data Collection

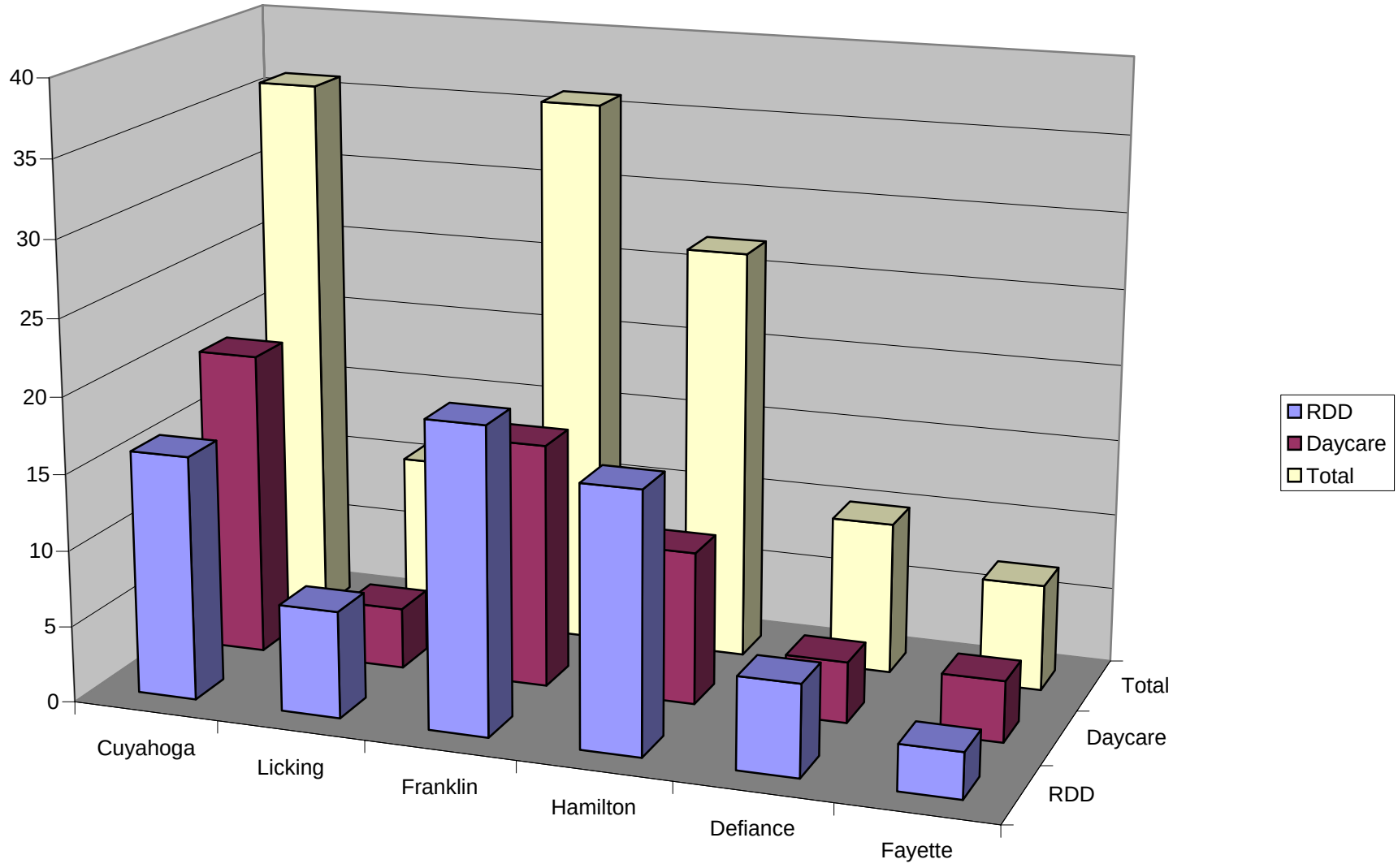

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Figure 2. CTEPP OH Daycare

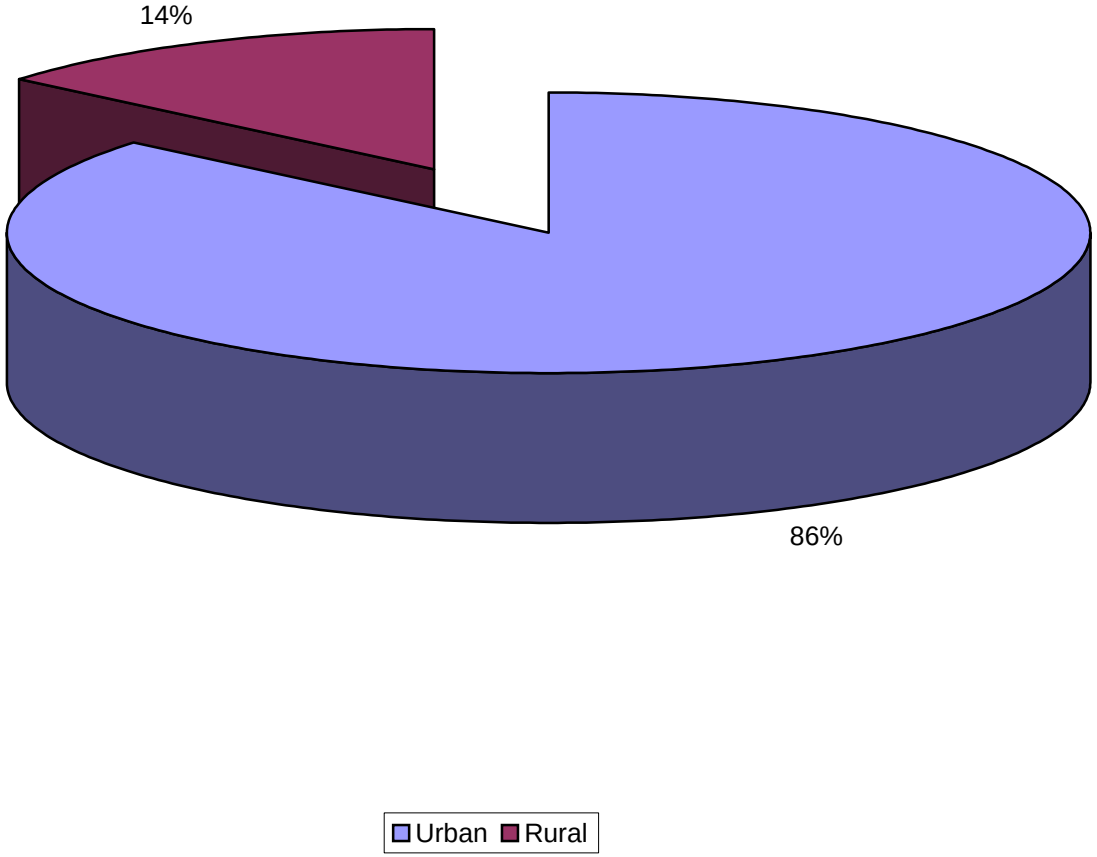

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Figure 3. CTEPP OH RDD

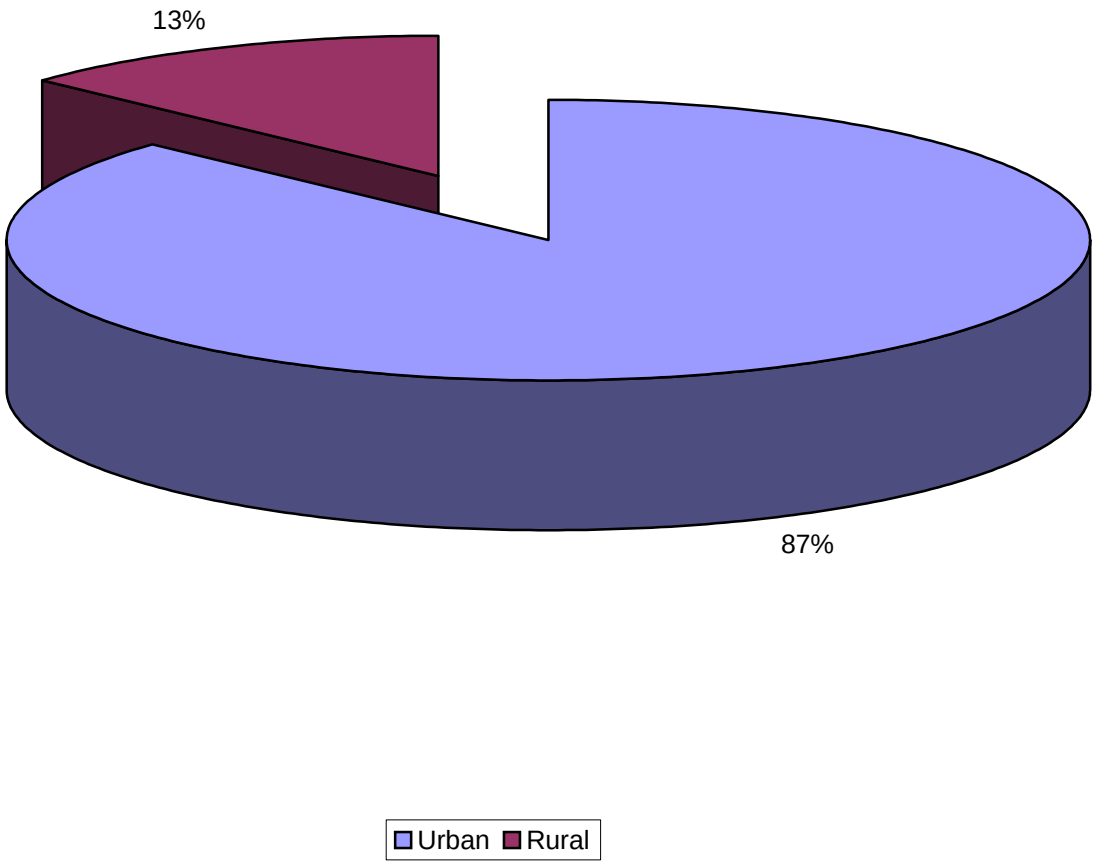

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Figure 4. CTEPP OH Daycare Centers

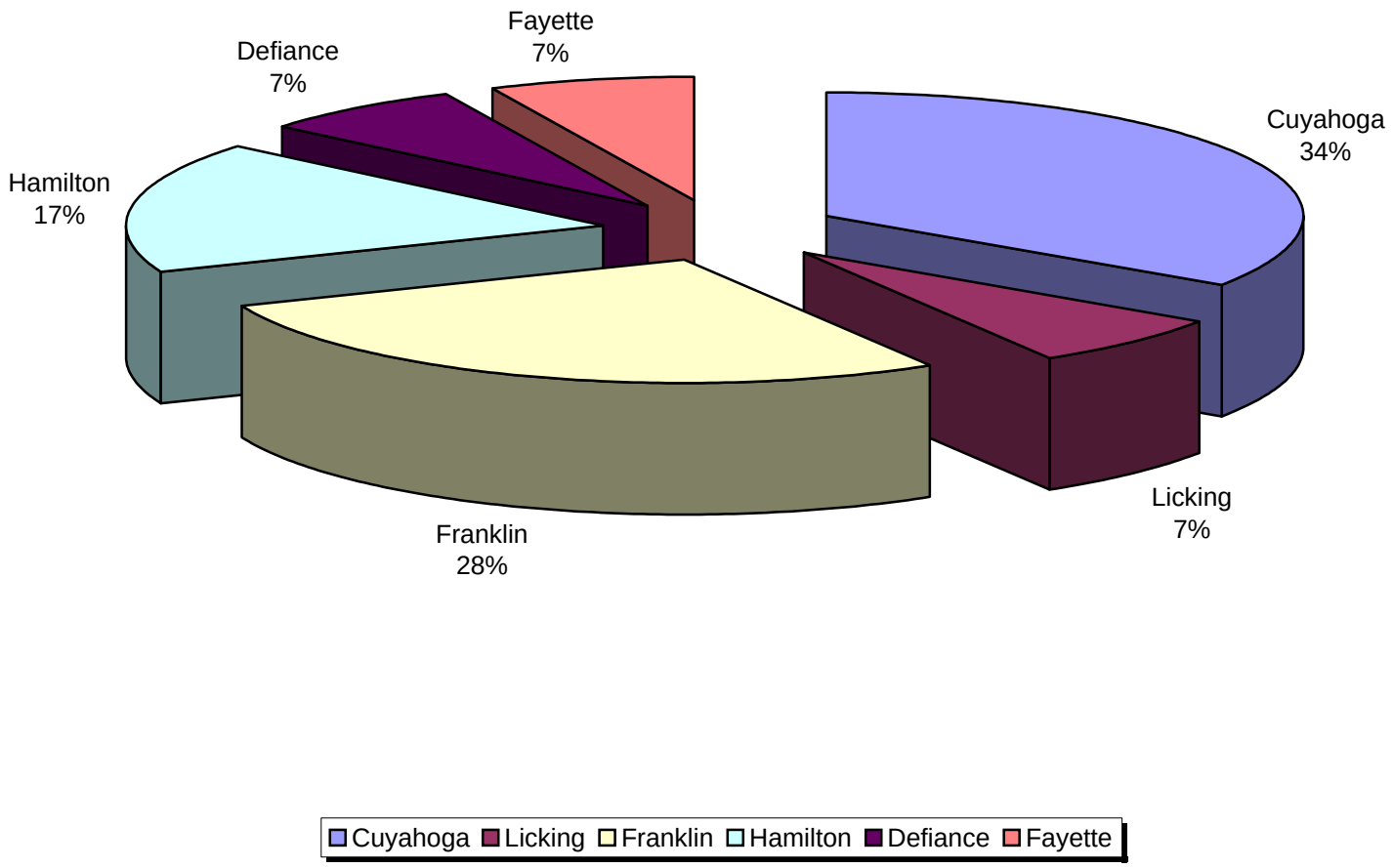

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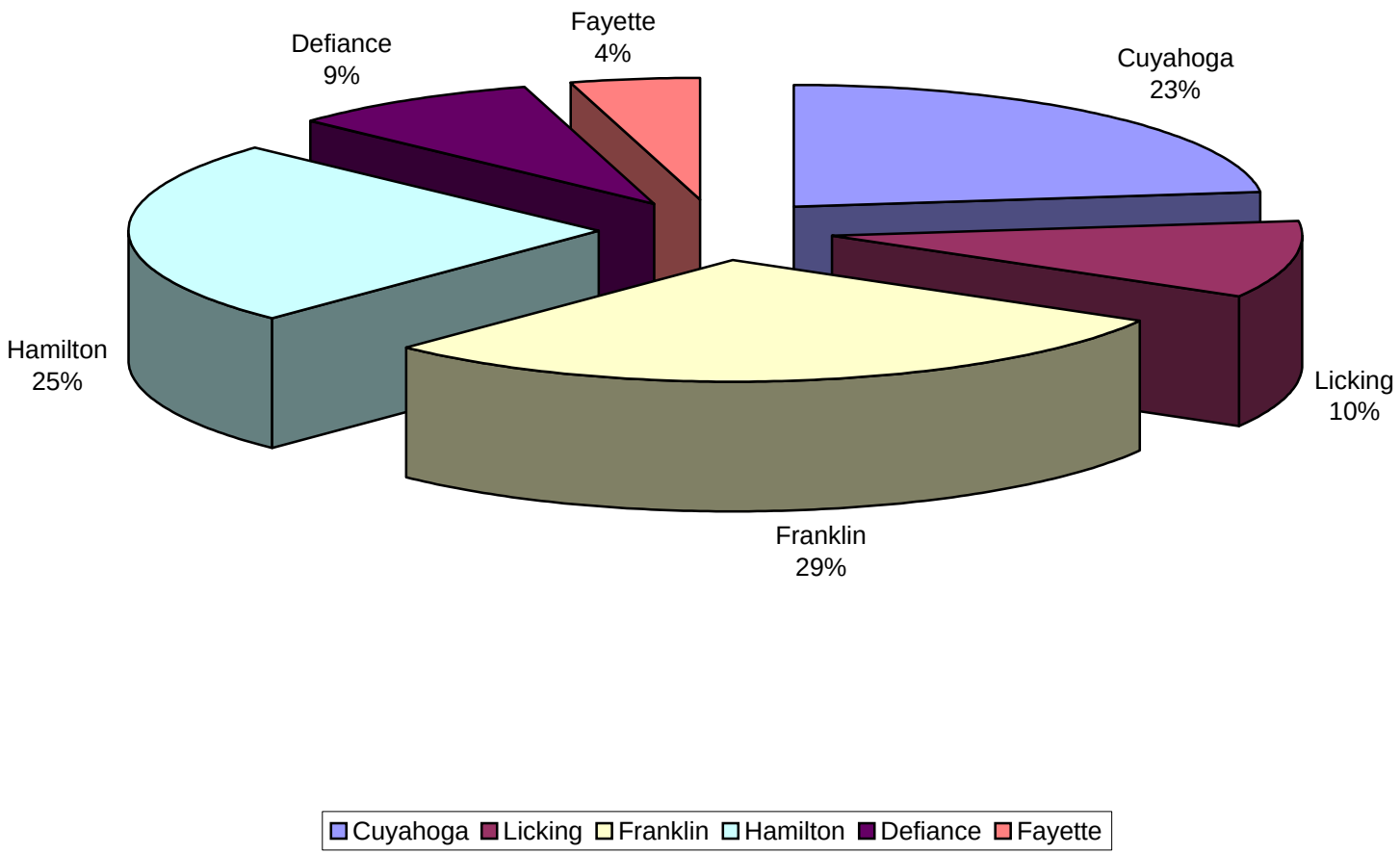
Figure 5. CTEPP OH RDD



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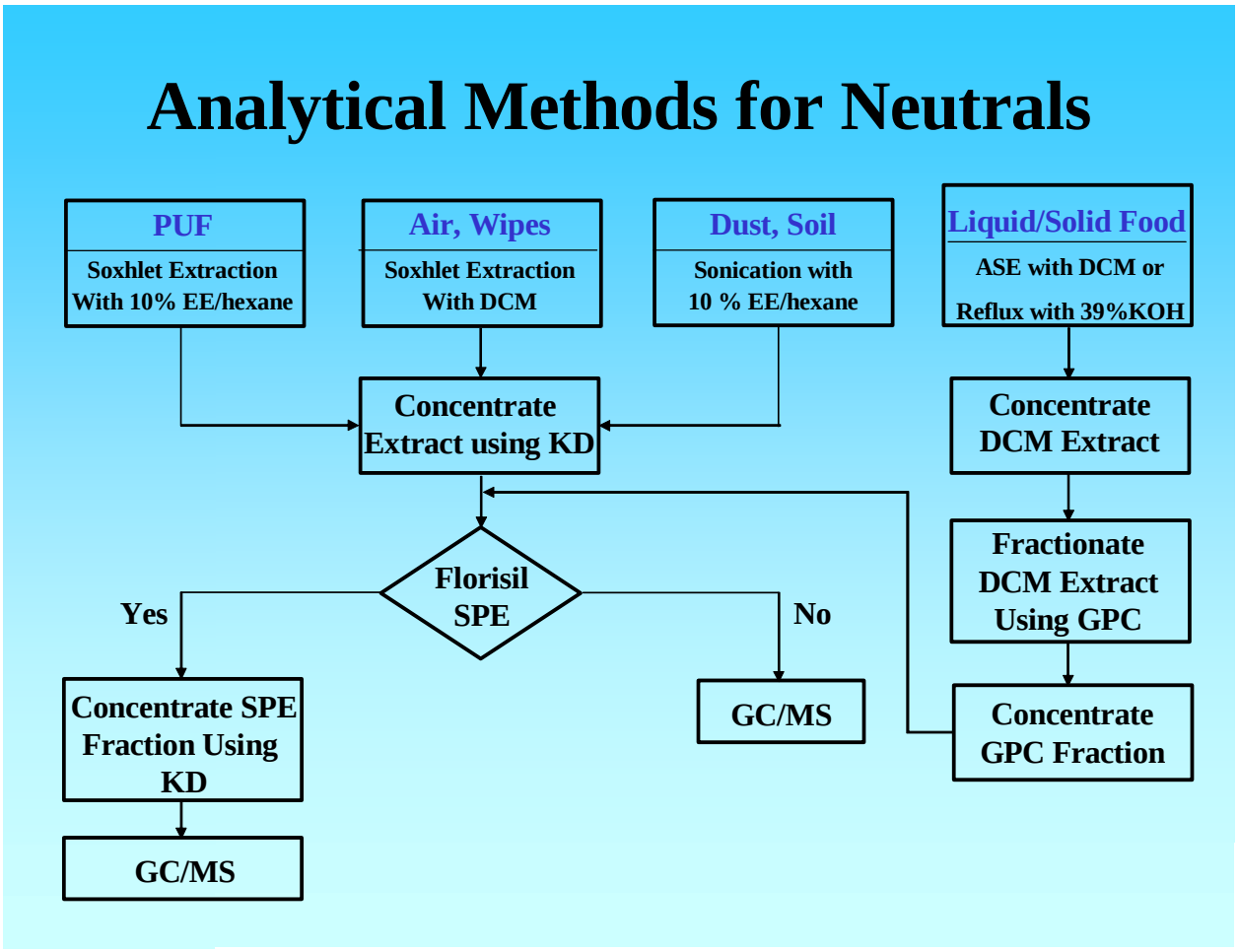
Appendix C

Summary of Analytical Methods for Determining Target Pollutants in Multimedia Samples

Flow Chart of Analytical Methods for Neutral Analytes in PUF, Air, Wipes, Dust, Soil, Liquid Food, and Liquid Food



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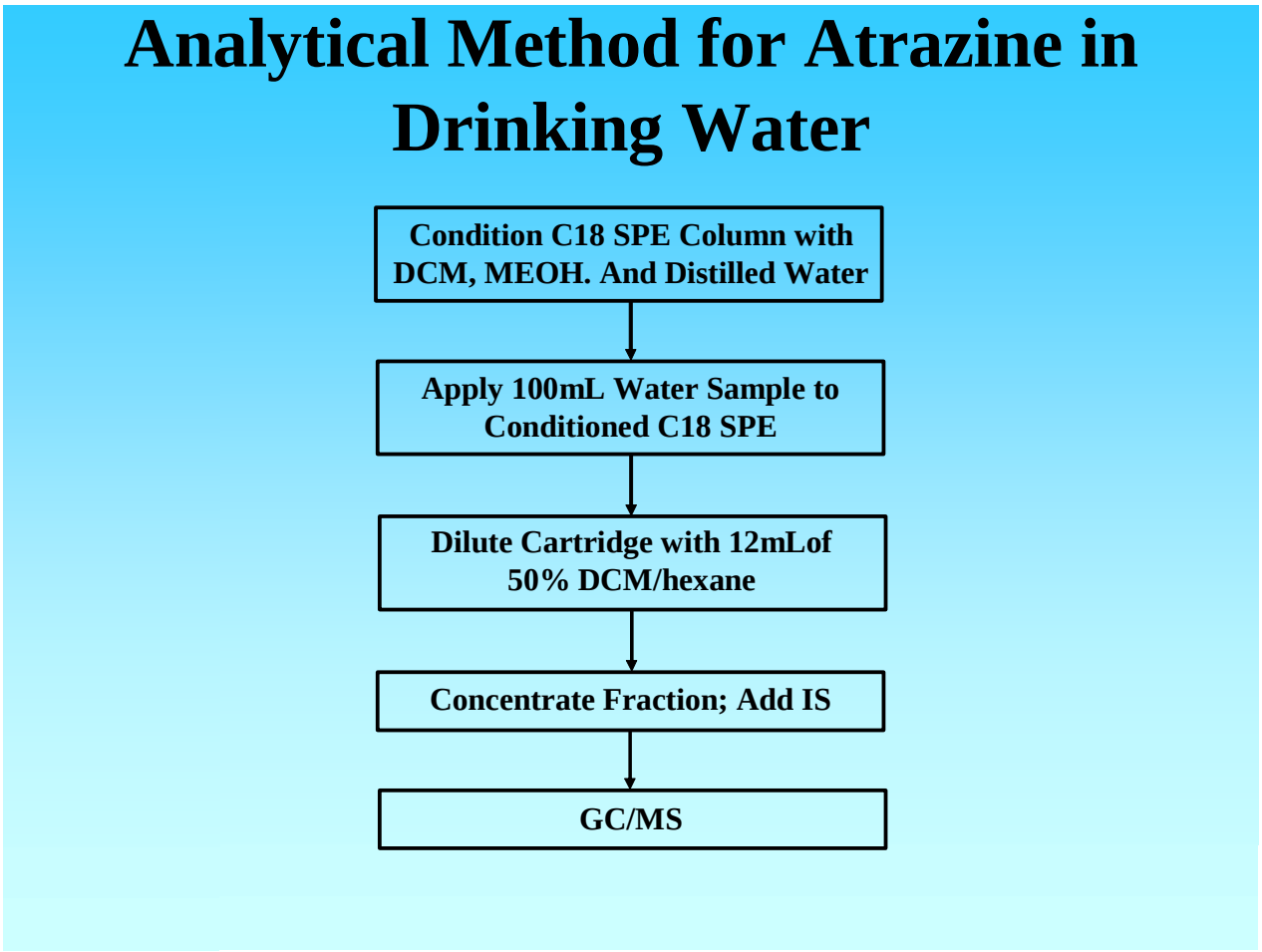
Flow Chart of Analytical Methods for Atrazine in Drinking Water



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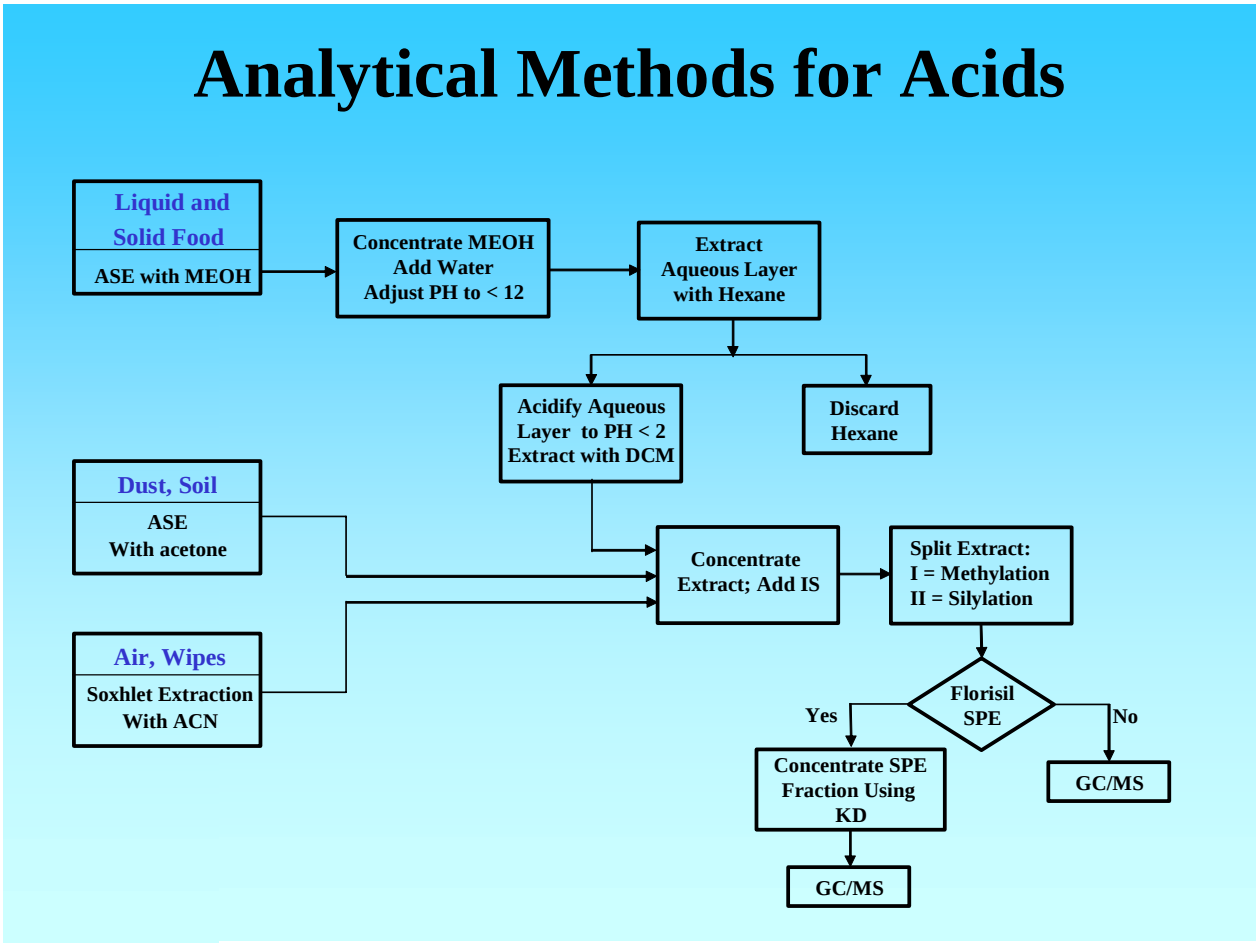
Flow Chart of Analytical Methods for Acidic Analytes in Air, Dust, Soil, Wipe, Liquid Food, and Solid Food



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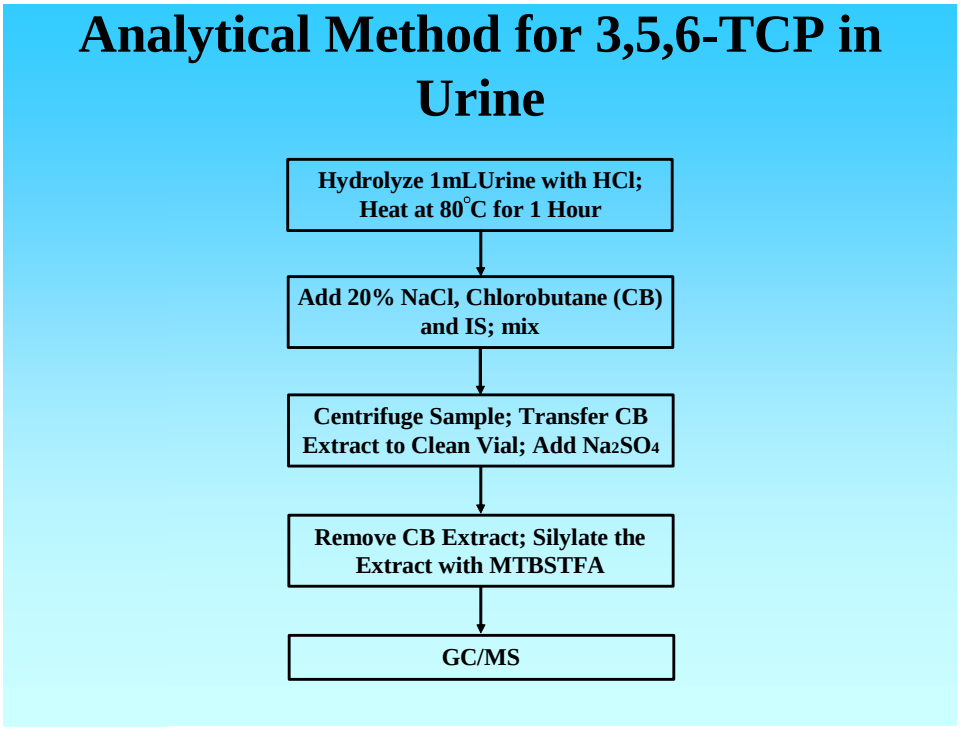
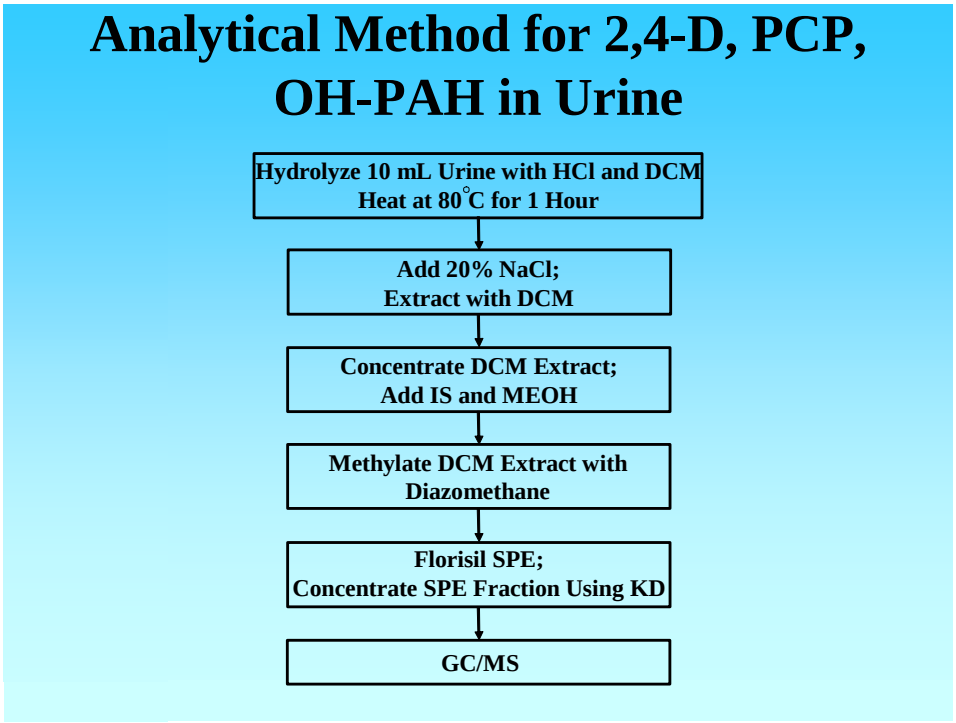
Flow Chart of Analytical Methods for 3,5,6-TCP, 2,4-D, PCP, and OH-PAH in Urine





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Appendix D

Quality Assurance/Quality Control Summary for CTEPP North Carolina and Ohio Data Collection

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QA/QC Summary Report for CTEPP North Carolina Data Collection

I. Introduction

The research study, "Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants," (CTEPP) is a pilot-scale project involving about 260 children, which investigates the possible exposures that young children may have to common contaminants in their everyday surroundings. These contaminants include several pesticides, phenols, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, some of which are suspected of being endocrine disrupters. The targeted compounds are persistent in the indoor and sometimes the outdoor environments, so that very low levels may exist in the children's surrounding microenvironments and provide a source of chronic, non-acute exposure. The primary purposes of the research are to increase our understanding of children's exposures to persistent pollutants, to gain information on the various activities, environmental media, and pollutant characteristics that may influence children's exposures, and to generate further questions and hypotheses for future research. This document provides a summary of the quality assurance (QA) and quality control (QC) procedures conducted for the CTEPP project. In the following sections, we describe the study activities and the QA/QC procedures. The relevant standard operating procedures (SOPs) are listed in the Reference Section at the end of this document.

II. CTEPP Study Activities

As illustrated in Exhibit 1 (CTEPP Study Activities Flow Chart), CTEPP study activities are conducted in three phases: Pre-Data Collection, Field Data Collection, and Post-Data Collection. To ensure data quality, standard operating procedures (SOPs) were developed and project team members were trained according to the SOPs. All project activities were conducted by trained project staff members, who were divided into the following project teams: 1) recruitment team (including RDD and field teams), 2) field support team, and 3) field data collection team.

The recruitment team was responsible for recruiting daycare and RDD home participants. It was supported by a team of telephone interviewers and some field staff members. During the pre-data collection phase, the following key activities were conducted by the recruitment team and field support team.

- Recruit/Train Participants, Present T-shirts, Pay $25, Remind Food Samples Collection
- Label Sample Containers
- Compile Field Notebooks
- Pack Van, Check items on the check lists

The field support team conducted QA/QC checks before and after the preparation of all field supplies, sample containers, and data forms. They ensured that all the materials needed for the field data collection activities were complete and accurate.

After the field support team completed the preparation work, the field data collection team did a final check on all needed field supplies, sample containers, and data forms for the scheduled sampling appointments. After loading the van and completing the final checks, the field data collection team drove to the sampling site for the scheduled sampling appointment with the study subject. The following key activities were conducted by the field data collection team during the field data collection phase.

- Field Data Collection Activities
- Record Sample/Data Condition on Sample/Data Check Lists
- Put Samples in ZipLoc Bags
- Put Samples in Freezers
- Record problems/issues on Daily Check List
- Leave Field Notebooks in the CTEPP Workroom

Once the field data collection team returned to the Battelle office, the field support team received the field samples and data from the field data collection team. The following key activities were conducted by the field support team during the post-data collection phase.

- Update Sample/Data Check Lists in the CTEPP Tracking System (TS)
- Verify Sample Conditions
- Check Field Notebooks (data forms)
- File Field Notebooks in the participant folders
- Ship Samples
- Conduct Data Entry
- Update Progress Reports
- Update QC Reports

In the following Sections, we describe specific QA/QC procedures relevant to the CTEPP data forms and database preparation.

III. CTEPP QA/QC Procedures for Preparing the Data Forms and Database

Battelle is always committed to the production of highest quality data. A key to accomplish this objective is to implement standardized QA/QC procedures. QA/QC is a continuous process. As illustrated in Exhibit 2 (CTEPP QA/QC Procedures for Preparing Data Forms and Database), Battelle implemented a comprehensive QA/QC plan to ensure data quality in all phases of the CTEPP project, from pre-data collection to post-data collection phase.

A. Pre-Data Collection Phase:

Developed and Tested Data Forms, CATI Programs
During the pre-data collection phase, the following data forms were developed.

- Recruitment Survey (Form #1)

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- House/Building Characteristics Observation Survey - Home (Form #2)
- House/Building Characteristics Observation Survey - Child Day Care Center (Form #3)
- Pre-Monitoring Questionnaire - Parent (Form #4)
- Pre-Monitoring Questionnaire - Child Day Care Center (Form #5)
- Post-Monitoring Questionnaire - Parent (Form #6)
- Post-Monitoring Questionnaire - Child Day Care Center (Form #7)
- Child Activity Diary/Parent - Children Don't Attend Day Care (Form #8)
- Child Activity Diary/Parent - Children Attend Day Care (Form #9)
- Child Activity Diary - Day Care Teacher (Form #10)

All the data forms were tested by trained project staff for consistency and accuracy. In addition, mock interviews and field data collection simulations were conducted to evaluate the effectiveness of the data forms. The data forms were finally reviewed and approved by IRB and OMB. Form #1 (Recruitment Survey) was modified into computer-assisted telephone interviewing programs (CATI) for recruiting the RDD participants (children who did not attend daycares). The CATI programs automatically performed QC checks during data entry, which included range checks, consistency checks, and skip pattern checks. Before the CATI programs were approved for actual RDD recruitment and data collection, it also went through rigid QA/QC checks for programming errors. Exhibit 3 provides an example of the QA/QC test document.

Conducted Staff Training on Data Collection SOPs

To ensure the consistency and high quality of data collection, a comprehensive training plan was implemented. The recruitment team members received training in the implementation of the recruitment SOPs before subject recruitment activities began. Standardized scripts and materials (e.g., CATI system and Interviewer's Manual) were developed. The Interviewer's Manual provided information on the background and aims of this study, the standard interviewing procedures, confidentiality requirements, and question-by-question specifications for the recruitment survey. Interviewers must be certified for the study before they can initiate any contact with the study subjects. In order to be certified as a CATI interviewer for the study, an interviewer must pass the following two tests:

1. CATI Operation Test: The interviewer must demonstrate that he/she is familiar with the CATI instrument and the computer-working environment.
2. CATI Interview Test: The interviewer must conduct at least two mock CATI interviews and receive a satisfactory evaluation from the CATI supervisor.

Training for the field data collection team members included a five-day (40-hour) training session and additional self-practice time was provided to the field staff. The following is a brief summary of the training topics.

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Day 1: Training covered study background, recruitment SOPs, confidentiality issues, informed consent procedures, and the interviewing protocol.

Day 2: The field staff members were trained to administer all the data collection forms.

Day 3: The training included field sampling procedures, i.e., the use of field notebooks and the collection of air, food, urine, dermal hand wipes, hard floor wipes, food preparation surface wipes, the polyurethane foam (PUF) roller for dislodgeable residues, indoor floor dust, and soil samples. Internal field audits and QC procedures were also discussed.

Days 4/5: A mock field sampling exercise (with 2 volunteers) was conducted during the last two days of training. The field team visited the volunteer's home and conduct actual field sampling activities. The field staff members were also certified during these two days (i.e., they were required to pass the tests set for the field sampling procedures).

Day 5: Training in packing and shipping procedures were given on the final day. The training ended with a final review of all SOPs.

Before field data collection began, the field support team members also went through training for data form tracking and processing procedures, coding procedures, and quality control procedures.

Conducted Participant Orientation/Training

Due to the unique features of the CTEPP study, some key information and samples were collected by the study participants themselves. Keeping the participants involved and well informed was critical to the success of the study. All participants (i.e., parents and daycare staff) were trained (i.e., received project orientation) prior to the scheduled sampling appointment (normally one week before the actual sampling). During the orientation/training, our project staff went through the SOPs for collecting samples of food, urine, and dermal hand wipes and recording the Child Activity Diary with the participants.

B. Data Collection Phase:

Conducted CATI Monitoring

As a standard procedure to ensure data quality, Battelle routinely verifies data collection activities. For monitoring CATI interviews (Form #1 RDD), Battelle employed a sophisticated computer software (i.e., ***PROXY***) and a telephone monitoring system to validate CATI interview data. With the monitoring system, the CATI supervisor could actually "watch" and "listen" an interview in progress. A standardized monitoring

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procedure was developed and used for CATI monitoring. The supervisor randomly selected an interview for monitoring. The monitoring system transferred the interviewer's computer screen and telephone conversation in real time to the supervisor's workstation. The interviewer being monitored or the study respondent could not notice any difference while the monitoring was in progress. To ensure the participant's right, a statement about the interview that might be monitored by a project supervisor for quality assurance was read to the respondent before the interview began. The monitoring results were recorded in a CATI Interview Monitoring Form (See Exhibit 4).

Conducted Staff Field Edit

All field data collection team members were trained to conduct field edit for all completed data forms. During data collection, the field staff conducted field edits to identify missing data items or questionable information at the sampling site. Any identified issues or problems were resolved at the sampling site before the field data collection team returned to Battelle whenever the field conditions allowed. A Daily Activity Check List was developed to assist the field staff in conducting data collection activities and field edit. The field edits ensured that any data collection issues or problems were resolved early at the sampling site with the study participant.

Conducted Internal Field Audits

According to CTEPP SOP 2.25, Battelle conducted periodical internal field audits to ensure high quality of data collection. The internal field audits were conducted by the Field Team Leader and/or field auditors. The field data collection team was not notified of the field audit visit. The field audit schedule was randomly selected by the field auditor/Field Team Leader. During a field audit visit, the field auditor observed all field sampling activities according to the SOPs. The field auditor recorded any findings or observations about the field staff's work that was not consistent with the SOPs. Before the end of each field audit visit, the field auditor discussed the findings or observations with the field staff. A field audit report was prepared by the field auditor after each field audit to document the field audit visit.

Conducted External Field Audits

In addition to Battelle internal field audits, some external field audits were conducted by EPA auditor and project officer. On September 12 and 13, 2000, EPA audited the North Carolina data collection teams. On June 5, 2001, EPA project officer conducted field observation visit with the Ohio data collection teams. There was no finding in all the external field audits and observation visits.

C. Post-Data Collection Phase:

Applied Chain of Custody Procedures

In order to protect the study samples and data forms, a standardized chain-of-custody procedure was developed and implemented for the CTEPP study (See SOP 2.26). In addition, Battelle developed a sophisticated CTEPP Tracking System to monitor the status of data collection. As soon as the field team returned to the office, the field support (receiving) team checked the samples/data condition and updated the data collection

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status in the CTEPP Tracking System (See Exhibit 5). The following information was recorded for each study participant.

- Sample/Data Description
- Sample Type
- Sample ID#
- Staff's Name Who Collected the Sample/Data
- Date of Collection
- Sample Condition
- Number of Floor Dust Sampling Areas
- Sample Explanation (if Sample Condition = Explain)
- Staff's Name Who Received the Sample/Data from the Field Team
- Date Received Sample/Data
- Time Received Sample/Data

If the samples/data need to be shipped to another location, the CTEPP Tracking System automatically generates a Chain-of-Custody record for the staff to sign.

Receiving Team Conducted QC Checks

After checking and storing the environmental and biological samples, the receiving team conducted QC checks on all the participant's data forms and study materials. A CTEPP Participant Data QC Check List was developed to track the QC status of each data item (See Exhibit 6). The staff carefully reviewed each data form for missing or questionable data items. After the staff completed the QC review, she/he put her/his initial and date of review on the back of the data form. Any pending issues (e.g., missing materials or information) identified through the QC review were recorded in the Check Notes of the CTEPP Participant Data QC Check List. The field support staff resolved each pending issue by checking with the field data collection staff or contacting the participant.

Developed and Tested Data Entry Programs

After the data forms went through the QC checks and received a "complete" status, the form was ready for data entry. Battelle programming team developed a double data entry program to allow two separate data entry teams to conduct data entry. The data entry program was designed to perform additional QC checks during data entry, which included range checks, consistency checks, and skip pattern checks. Before the data entry program was used for actual data entry, it was fully tested by trained project staff. An example of the testing document is illustrated in Exhibit 7 (CTEPP Data Entry Program Test). Examples of data entry program screens are illustrated in Exhibits 8, 9, and 10.

Conducted Double-Data Entry

All data forms were entered twice and verified, using the CTEPP Double Data Entry Program. Two data entry teams (Teams A and B) performed the data entry work and entered the data into two separate databases. All the data entry team members were trained before they were allowed to conduct data entry work. Each staff was assigned to only one data entry team and was not allowed to switch team. This ensured that a data form was entered twice by 2 different people. As a standard procedure for entering the

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open text fields, the data entry teams were instructed to entered participant's responses verbatim.

Conducted Computer Program Checks for Data Entry Errors

A computer verification program was developed for checking the accuracy of the entered data and every record in the two databases was crosschecked. An example of the crosschecks computer reports is illustrated in Exhibit 11 (CTEPP Double Data Entry Crosschecks). The crosscheck computer reports identified any discrepancies between the two databases. The reports displayed the Participant ID (PID), variable (data field) name, data value in each database (Base vs. Compare), the difference between the 2 databases (numeric fields only), and % difference (if applicable).

Correct Data Entry Errors

For each data item detected by the computer program, the data entry staff verified the information with the original participant data form and made corrections as needed. The crosscheck computer reports made it easy for the staff to identify data entry problems and to verify the information. This program also kept a log of all changes made, including original data value, date/time of data change, and name of the staff who made the changes.

Prepare Final Master Database

A final master database for each data form was prepared after all QC checks were completed and data entry discrepancies were corrected. Backup data files were also created to protect the CTEPP data. All CTEPP data files and document are protected by password. Only authorized project staff members have access to the restricted project folders.

Prepare and Verify Data Dictionary and Document

After the completion of master database preparation, the programming team prepared the updated data dictionary for each data form database. The project staff verified the data dictionaries by comparing the hard copy manuals, the electronic files, and the database structures.

Final Data Verification Checks

After completing all the tasks described in the earlier sections, the project staff conducted a final QA/QC check by verifying randomly selected participant files. Data items in the database were checked against the data documentation manual (i.e., data variables in the data dictionary) and the actual participant data in the original data form. The results of the random checks showed 100% accuracy. The data in the original participant data form were correctly recorded in the CTEPP database, and the data variables were accurately documented in the data dictionary. Before Battelle delivered the database to EPA, the data variables containing personal identifiers (i.e., names, street address, GPS, etc.) were removed from the database to ensure participant confidentiality. The results of the final data verification checks are shown in the following Table.

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Final Data Verification Checks for NC Database

PID	Data Forms Checked	QA/QC Checks Status	Results
15-001-1	1, 2, 4, 6, 9	Complete Checks: Checked all variables of each data form	No problem
21-000-3	3, 5, 7, 10	Complete Checks: Checked all variables of each data form	No problem
97-109-1	8, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
09-003-1	1, 2, 4, 6, 9, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
97-079-1	2, 4, 6, 8, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
18-000-3	3, 5, 7, 10, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem

IV. CTEPP QA/QC Procedures for the Analytical Database

Analytical data were electronically imported into the database according to CTEPP SOP 4.12. The analytical raw data (QUAN report) were generated from each instrument by a qualified analyst (the first data reviewer). The QUAN report was then reviewed by the TOL (the second data reviewer) for all the identified analytes. The QUAN report was then electronically transferred into a custom report and saved as a “crd” file. The “crd” file was then electronically parsed into an Excel spreadsheet template, pertinent data such as sample extraction weight and quality assurance codes were added and saved as an Excel file with an extension of “.xls” by the first data reviewer. The TOL reviewed all the Excel files before importing into the analytical database. If any anomalous results were observed in the data, every effort was made to identify any problems in the sample collection, sample preparation, and/or analysis, which could have contributed to the anomaly. Data dictionaries and code sets for core analytical data, QA/QC data, and ancillary data were developed for the analytical database. The completed Excel spreadsheets were then electronically imported into the analytical database by the database staff.

Database queries were developed to perform QA/QC checks. The QA/QC checks performed for the Ohio analytical database include (1) sample ID checks, (2) missing data checks, (3) duplication data checks, (4) out-of-range checks, (5) upper- and lower-concentrations checks, and (6) calculation checks.

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Sample ID checks

The sample ID checks were performed to verify that all Sample IDs with reported data were valid Sample IDs, i.e., they were logged in as received from the field. If invalid sample IDs were detected, the database staff traced back to the original raw data, including laboratory record books and GC/MS logbooks, to identify the transcription error and to make the corrections accordingly. All corrections were documented in the database importing logbook.

Missing data checks

The missing data checks were performed to verify that all Sample IDs received from the field had a full set of analytical data reported. Samples that were received but that did not have a complete set of analytical data and/or ancillary data, other than for a stated reason in the electronic CoC data, were identified, and one of the following correction actions was taken (as appropriate): analytical data was found and imported into the database, or samples were located, processed, analyzed, reviewed, and the analytical data was imported into the database. Samples that were lost or damaged during laboratory processing were identified and imported into the QA Action table with an explanation regarding their disqualification.

Duplicate data checks

Duplicate data checks were performed to verify that the same analytical data was not imported into the database twice for a given sample. The database staff traced the sample results back to the laboratory record books, the GC/MS sequence logs, and/or the QUAN reports to confirm that duplicate data was the result of a double import, and not a QA/QC re-analysis (e.g. duplicate sample or duplicate injection). Once the duplicate data was identified as a double import, the set of results for the sample having the oldest sample import date were eliminated from the analytical database. If the duplicate data was identified as a QA/QC re-analysis, the proper QCC code was added to the QC_Code data field, and the data for the first duplicate (only) remained in the Core_Analytical_Results table, and the data for the first and second duplicates were reported in the QA_QC_Results table.

Out of range checks

Out-of-range checks were performed to verify that all data for data fields limited to a codeset did not violate that codeset. For data fields that were limited to a codeset of values, queries were performed to identify data within those fields that did not belong to, or “violated”, the codeset. Once identified, the database staff traced the sample results back to the laboratory record books to identify the transcription error. The data in the database was corrected, and that correction was documented.

Upper- and lower- concentration checks

Upper- and lower-level concentrations checks were performed on approximately 5% of the results that were plus or minus three standard deviations from the mean. Database queries were performed to identify those calculated results (Result1 and Result2) greater than or less than three standard deviations from the domain mean. Five percent of these

data were reviewed again by the data reviewer. The data reviewer checked the QUAN report, all the parameters used for the results calculation, and the result calculation itself to make sure that identification and quantification were performed correctly. If the data reviewers detected any mis-identification and/or mis-quantification, corrections were made accordingly. The TOL approved the corrected data and the database manager made the changes in the database. All activities were documented in the laboratory record books and database importing logbook.

Several additional checks were performed to:

(1) review the SRS and MSS recoveries data greater than 150% and less than 50%;
(2) review the %D data that are greater than 50%;
(3) add more flag codes to explain these QC data from items 1 and 2;
(4) review all nonzero method blanks and field method blanks; and

Calculation Checks

Calculation checks were performed in Excel spreadsheets for selected samples to verify that the calculations performed on Excel spreadsheet agreed with the calculations performed on the analytical database. Hand calculations, using a calculator, were performed on select data to verify the calculated data agreed with the database calculated data.

For those data requiring calculation of results, a random subset (approximately 5%) of the raw data was calculated using an independent calculation source (Excel) for validation. In addition, hand calculations were performed on random data for each sample matrix using a calculator.

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References:

CTEPP-SOP-2.22	Procedures for Recording Data Collection Forms
CTEPP-SOP-2.24	Procedures for Handling Missing Samples/Data
CTEPP-SOP-2.25	Internal Field Audit/Quality Control Procedures
CTEPP-SOP-2.26	Sample/Data Custody Procedures
CTEPP-SOP-2.27	Staff and Participant Training
CTEPP-SOP-4.10	Procedures for Processing Completed Data Forms
CTEPP-SOP-4.12	Entering or Importing Electronic Data Into CTEPP Data Bases Procedures

Attachments:

Exhibit 1	CTEPP Study Activities Flow Chart
Exhibit 2	CTEPP QA/QC Procedures for Preparing Data Forms and Database
Exhibit 3	RDD CATI Tests Document
Exhibit 4	CATI Interview Monitoring Form
Exhibit 5	CTEPP Tracking System
Exhibit 6	CTEPP Participant Data QC Check List
Exhibit 7	CTEPP Data Entry Program Test
Exhibit 8	CTEPP Double Data Entry Program - Initial Screen
Exhibit 9	CTEPP Double Data Entry Program - Data Entry Screen
Exhibit 10	CTEPP Double Data Entry Program - Status Screen
Exhibit 11	CTEPP Double Data Entry Crosschecks

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Exhibit 1. CTEPP Study Activities Flow Chart

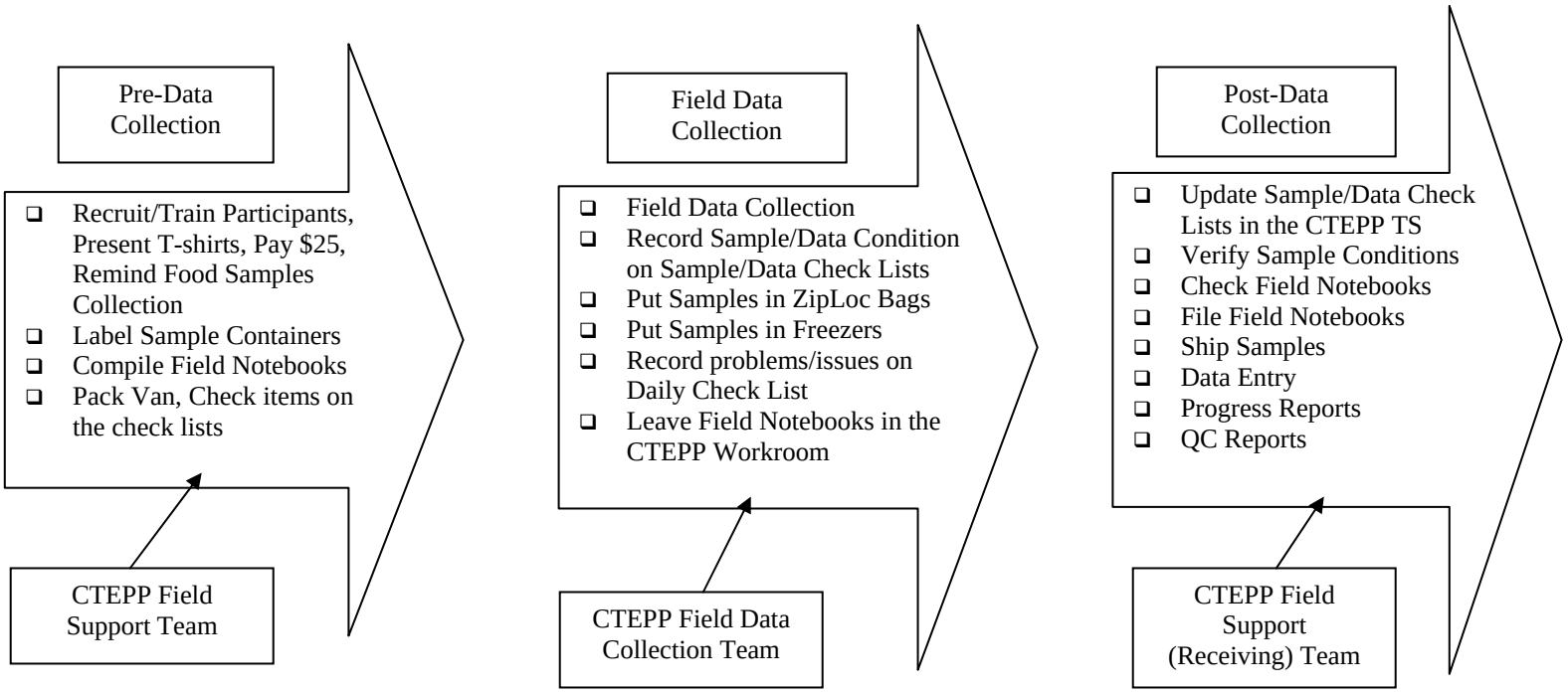

Exhibit 2. CTEPP QA/QC Procedures for Preparing Data Forms and Database

Pre-Data Collection Phase →

- Developed and Tested Data Forms, CATI Programs
- Conducted Staff Training on Data Collection SOPs
- Conducted Participant Orientation/Training

Data Collection Phase →

- Conducted CATI Monitoring
- Conducted Staff Field Edit
- Conducted Internal Field Audits
- Conducted External Field Audits

Post-Data Collection Phase →

- Applied Chain of Custody Procedures
- Receiving Team Conducted QC Checks
- Developed and Tested Data Entry Programs
- Conducted Double-Data Entry
- Conducted Computer Program Checks for Data Entry Errors
- Correct Data Entry Errors
- Prepare Final Master Database
- Prepare and Verify Data Dictionary and Document
- Final Data Verification Checks

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Exhibit 3. RDD CATI Tests Document

RDD CATI Tests
Carey Aselage
December 8, 1999

1. Add the following interviewer instructions to this question: May I speak to the parent or guardian of the children in this household (OR NAME OF RESPONDENT IF OBTAINED THE NAME FROM PREVIOUS CALL)?-fixed EB 12/99

2. Skip pattern for answer #1 goes to Q3. However, this question is numbered as Q2 in CATI. I combined question 2 and 3 into 1 question and called it Q2_3. Since it is really the same question with a little different wording depending on whether the parent answered the phone or had to be called to the phone. CWL – is that ok or do you want 2 separate questions? **[CWL: Please program as 2 separate questions] Fixed EB 12/99**

   I did the same thing with questions 4a & c and 4 b & d. **[CWL: Please follow the hard copy]. – Fixed EB 12/99**

   **** Add Contact Information in the first screen (Subject's Name, Address, ID#, Phone #.) or create a Sub Form for this information and revise the instruction in Exit 4 accordingly. – cwl Sub form created EB 12/99**

3. According to the HC, answer #4 (Refused, No Information) should go to Exit #1. CATI does skip to Exit #1, however, the skip also includes Exit #4. This makes sense, I just want to confirm since the HC doesn't mention Exit 4 in the skip pattern for response #4. Since Exit 1 didn't have any instructions in the hard copy, I added what I thought were reasonable instructions. CWL – Let me know if this is ok as is, or if I need to make changes.

4. Exit #1 script contains the following information that doesn't appear on HC: IF CORRECT NUMBER: Thank you very much. Goodbye. PRESS CTL/S AND CHOOSE NONRESPONSE. See above comments.

5. Currently, the only month an appointment can be set is December 1999. I set that up for testing purposes. CWL will need to look at the survey definition and let me know what changes need to be made. EB 12/99

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Exhibit 4. CATI Interview Monitoring Form

Interview Monitoring Form		Date:		
Study:				
Interviewer:		Time Begin/End:		
Monitor:		Study Manager:		

Total Number of Calls Monitored: _____ Number of Contact-Calls: _____
[RECORD THE RESULTS OF MONITORING FOR EACH CONTACT-CALL]

Subject ID#:	**1=YES 2=NO 3=NA**	**Comments:**
1. Identify self and read introduction clearly		
2. Record the dial result correctly		
3. Record appropriate interviewer comments		
4. Make appointment correctly		
5. Read questions clearly and follow instructions		
6. Use appropriate probing when necessary		
7. Record responses correctly		
8. Record appropriate remarks when necessary		
9. Maintain neutrality and control of interview		
10. Maintain a courteous, professional manner		
11. Answer respondent=s questions appropriately		
12. Refrain from giving personal remarks/opinions		

Did the Supervisor discuss any problems with the interviewer? **Yes ----- No**
Questions # and Problems Identified:

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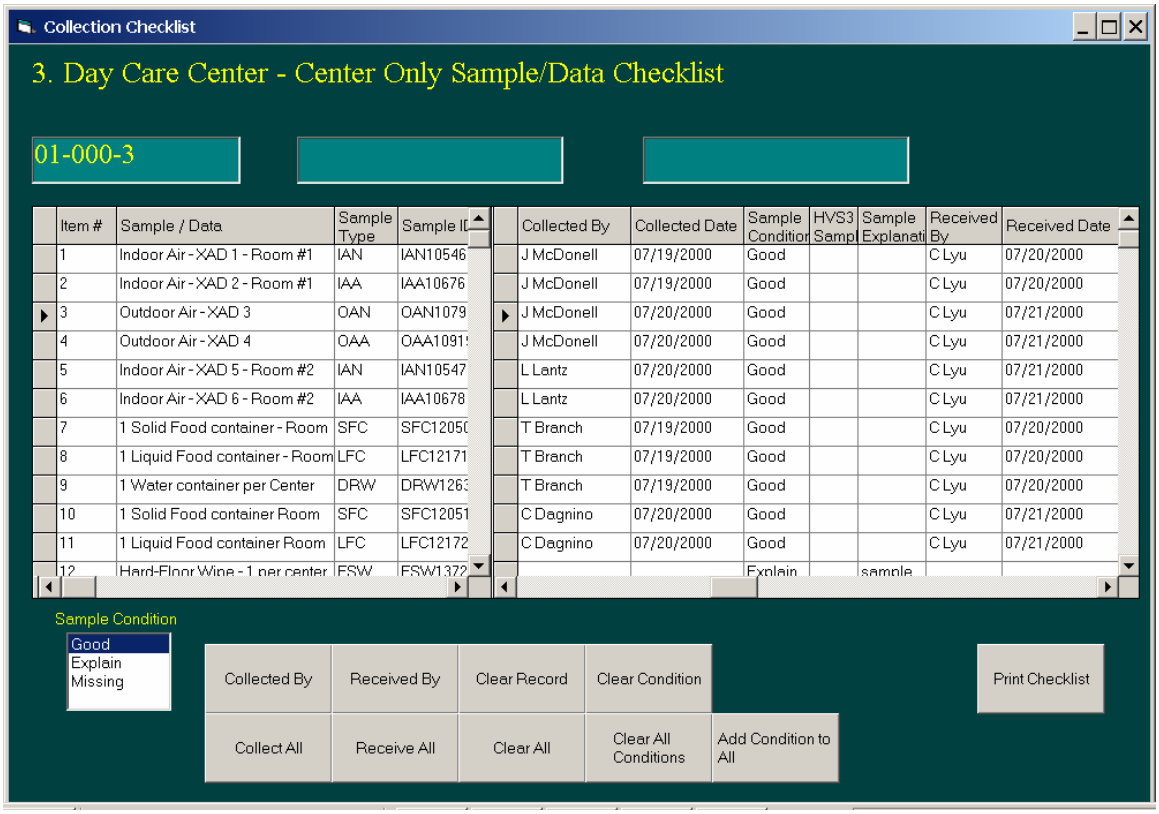
Exhibit 5. CTEPP Tracking System



Item #	Sample / Data	Sample Type	Sample ID	Collected By	Collected Date	Sample Condition	HVS3 Sampl	Sample Explanati	Received By	Received Date
1	Indoor Air - XAD 1 - Room #1	IAN	IAN10546	J McDonell	07/19/2000	Good			C Lyu	07/20/2000
2	Indoor Air - XAD 2 - Room #1	IAA	IAA10676	J McDonell	07/19/2000	Good			C Lyu	07/20/2000
3	Outdoor Air - XAD 3	OAN	OAN1079	J McDonell	07/20/2000	Good			C Lyu	07/21/2000
4	Outdoor Air - XAD 4	OAA	OAA1091	J McDonell	07/20/2000	Good			C Lyu	07/21/2000
5	Indoor Air - XAD 5 - Room #2	IAN	IAN10547	L Lantz	07/20/2000	Good			C Lyu	07/21/2000
6	Indoor Air - XAD 6 - Room #2	IAA	IAA10678	L Lantz	07/20/2000	Good			C Lyu	07/21/2000
7	1 Solid Food container - Room	SFC	SFC1205	T Branch	07/19/2000	Good			C Lyu	07/20/2000
8	1 Liquid Food container - Room	LFC	LFC12171	T Branch	07/19/2000	Good			C Lyu	07/20/2000
9	1 Water container per Center	DRW	DRW1263	T Branch	07/19/2000	Good			C Lyu	07/20/2000
10	1 Solid Food container Room	SFC	SFC12051	C Dagnino	07/20/2000	Good			C Lyu	07/21/2000
11	1 Liquid Food container Room	LFC	LFC12172	C Dagnino	07/20/2000	Good			C Lyu	07/21/2000
12	Hard-Floor Wipe - 1 per center	FSW	FSW1372			Explain		sample		

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Exhibit 6. CTEPP Participant Data QC Check List

CTEPP ID: 09-004-1	
Data Item	**Check Notes**
1.Daily Checklists	Complete
2. Form #1	Complete
3. Consent Forms (2)	Participation consent: Complete Future consent: Complete
4. Receipts (2)	$25 and $75
5. Air Log	Complete
6. Premonitoring	Complete
7. Postmonitoring	Complete
8. Chemical Table	Complete
9. Observation Survey	Complete
10. Sketches	Complete (to be entered electronically)
11. Diary	*Non-marked clothing items on page 8, (F1.4) on page 9, (F9) on page 16.*
12.	

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Exhibit 7. CTEPP Data Entry Program Test

DATA ENTRY TEST
SUZANNE BENNY
8/21/00

Form 4:

1. No place for cooperation/quality of interviewer – need this info?
   Fixed 08/28/00 ER
2. A3 – asks for to identify room – include # only, or verbal description too?
   Verbal description too. 08/31/00 ER
3. A3 & A7 – include instructions on how to advance from these (i.e., leave blank)?
   Fixed 08/28/00 ER
4. A12 j & k – include instructions to leave blank if n/a, and not to put "2" for "No"
   Fixed 08/28/00 ER
5. B17 – no place for "n/a" – this is the farm income question
   Fixed 08/28/00 ER
6. C1 & C10 – assume minutes = 0 if blank? Yes (added instructions on screen) 08/31/00 ER
7. C6 – no place for "none"
   Fixed 08/28/00 ER
8. C26- no option for "never"
   Fixed 08/28/00 ER

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Exhibit 8. CTEPP Double Data Entry Program

Initial Screen

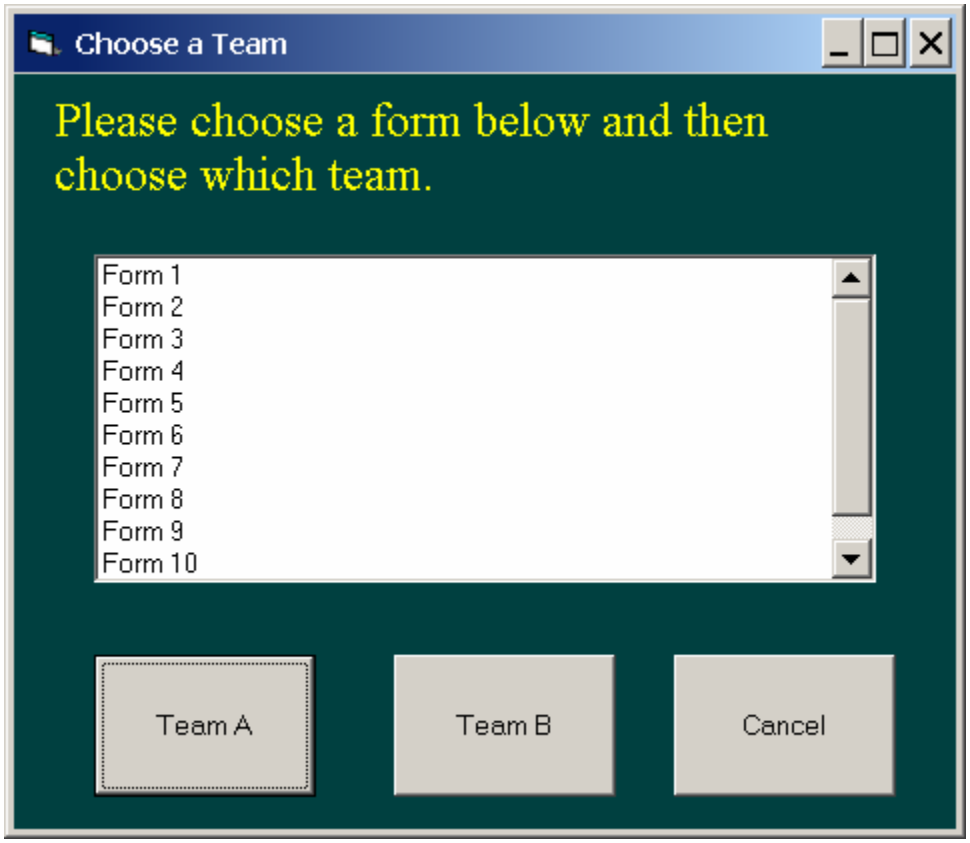

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Exhibit 9. CTEPP Double Data Entry Program

Data Entry Screen

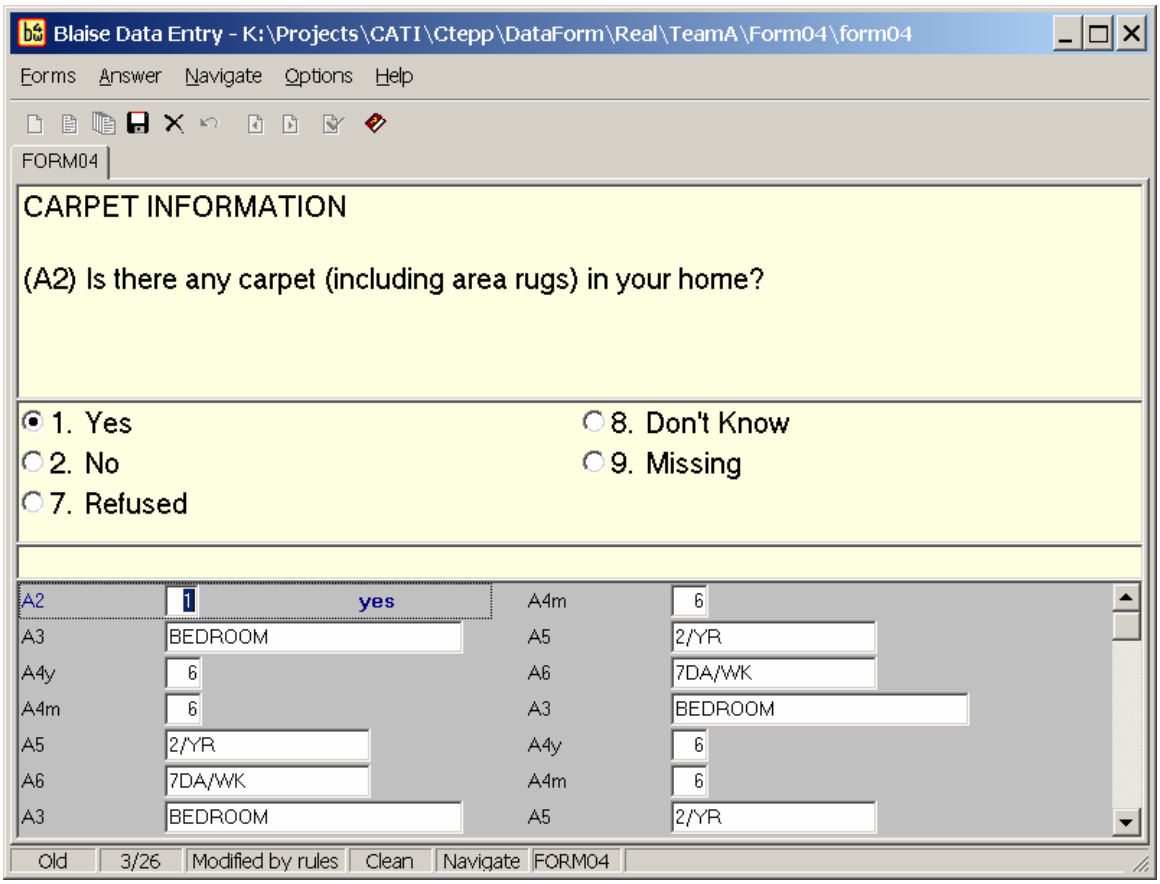

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Exhibit 10. CTEPP Double Data Entry Program

Status Screen

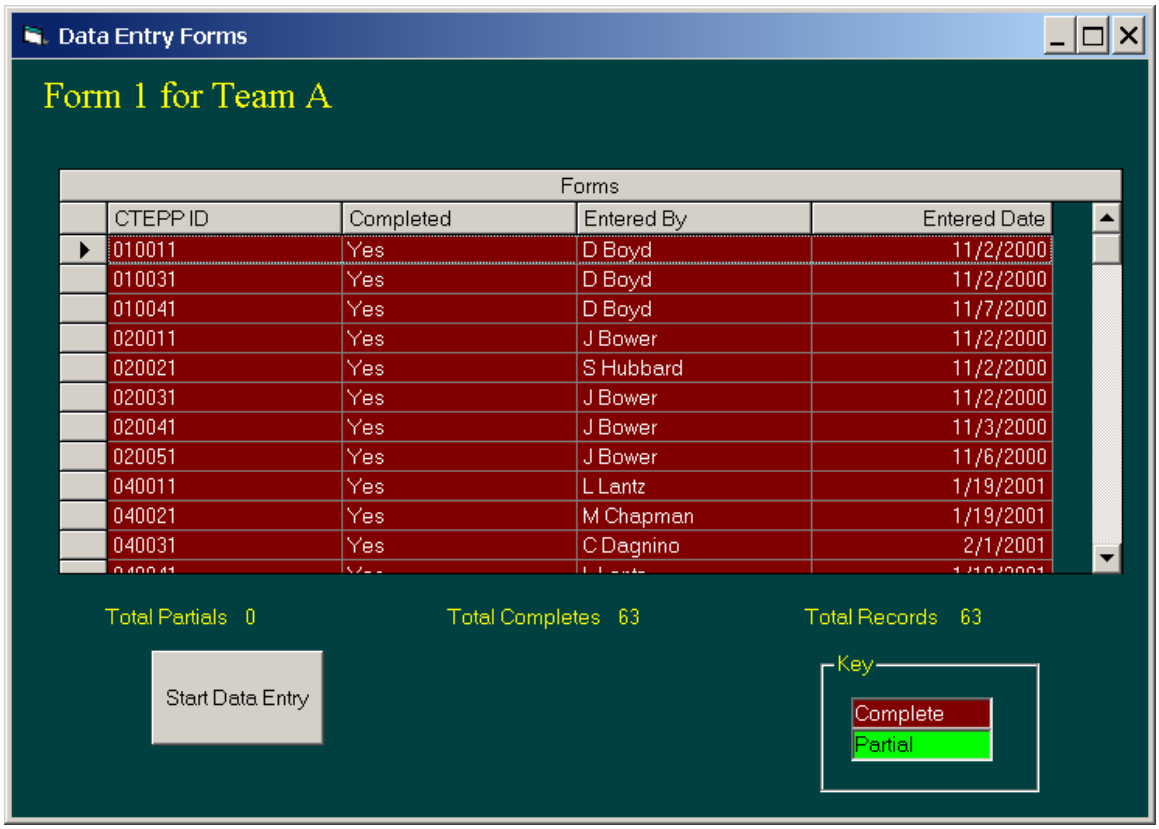

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Exhibit 11. CTEPP Double Data Entry Crosschecks

```
                    COMPARE Procedure
        Comparison of TEAMA.FORM04A with TEAMB.FORM04A
                    (Method=EXACT)

            Comparison Results for Observations

PID=010011:
Variable    Base Value       Compare         Diff.        % Diff
   A12ad             0     98.000000     98.000000             .
May_Note  2 WKS IN SPR
Oct_Note  2 WKS IN FAL
A16       8:00-8:30AM    8:00-8:30AM

PID=010031:
Variable    Base Value       Compare
    A6_1        1/WEEK       1/ WEEK
    A6_4        1/WEEK       1/ WEEK
    A7_1  KITCHEN/DINI  KITCHEN/ DIN
     A16    6:30AM/5PM  6:30 AM/ 5PM

PID=010041:
   Variable    Base Value       Compare
       A3_1     LIVING RM   LIVING ROOM
```

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QA/QC Summary Report for CTEPP Ohio Data Collection

I. Introduction

The research study, "Children's Total Exposure to Persistent Pesticides and Other Persistent Organic Pollutants" (CTEPP), is a pilot-scale project involving about 260 children, which investigates the possible exposures that young children may have to common contaminants in their everyday surroundings. These contaminants include several pesticides, phenols, polychlorinated biphenyls, and polycyclic aromatic hydrocarbons, some of which are suspected of being endocrine disrupters. The targeted compounds are persistent in the indoor and sometimes the outdoor environments, so that very low levels may exist in the children's surrounding microenvironments and provide a source of chronic, non-acute exposure. The primary purposes of the research are to increase our understanding of children's exposures to persistent pollutants, to gain information on the various activities, environmental media, and pollutant characteristics that may influence children's exposures, and to generate further questions and hypotheses for future research. This document provides a summary of the quality assurance (QA) and quality control (QC) procedures conducted for the CTEPP project. In the following sections, we describe the study activities and the QA/QC procedures. The relevant standard operating procedures (SOPs) are listed in the Reference Section at the end of this document.

II. CTEPP Data Collection Activities

As illustrated in Exhibit 1 (CTEPP Study Activities Flow Chart), CTEPP data collection activities are conducted in three phases: Pre-Data Collection, Field Data Collection, and Post-Data Collection. To ensure data quality, standard operating procedures (SOPs) were developed and project team members were trained according to the SOPs. All project activities were conducted by trained project staff members, who were divided into the following project teams: 1) recruitment team (including RDD and field teams), 2) field support team, and 3) field data collection team.

The recruitment team was responsible for recruiting daycare and RDD home participants. It was supported by a team of telephone interviewers and some field staff members. During the pre-data collection phase, the following key activities were conducted by the recruitment team and field support team.

- Recruit/Train Participants, Present T-shirts, Pay $25, Remind Food Samples Collection
- Label Sample Containers
- Compile Field Notebooks
- Pack Van, Check items on the check lists

The field support team conducted QA/QC checks before and after the preparation of all field supplies, sample containers, and data forms. They ensured that all the materials needed for the field data collection activities were complete and accurate.

After the field support team completed the preparation work, the field data collection team did a final check on all needed field supplies, sample containers, and data forms for the scheduled sampling appointments. After loading the van and completing the final checks, the field data collection team drove to the sampling site for the scheduled sampling appointment with the study subject. The following key activities were conducted by the field data collection team during the field data collection phase.

- Field Data Collection Activities
- Record Sample/Data Condition on Sample/Data Check Lists
- Put Samples in ZipLoc Bags
- Put Samples in Freezers
- Record problems/issues on Daily Check List
- Leave Field Notebooks in the CTEPP Workroom

Once the field data collection team returned to the Battelle office, the field support team received the field samples and data from the field data collection team. The following key activities were conducted by the field support team during the post-data collection phase.

- Update Sample/Data Check Lists in the CTEPP Tracking System (TS)
- Verify Sample Conditions
- Check Field Notebooks (data forms)
- File Field Notebooks in the participant folders
- Ship Samples
- Conduct Data Entry
- Update Progress Reports
- Update QC Check List

In the following Sections, we describe specific QA/QC procedures relevant to the CTEPP data forms and database preparation.

III. CTEPP QA/QC Procedures for Preparing the Questionnaire Data Forms and Questionnaire Database

Battelle is always committed to the production of highest quality data. A key to accomplish this objective is to implement standardized QA/QC procedures. QA/QC is a continuous process. As illustrated in Exhibit 2 (CTEPP QA/QC Procedures for Preparing Data Forms and Database), Battelle implemented a comprehensive QA/QC plan to ensure data quality in all phases of the CTEPP project, from pre-data collection to post-data collection phase.

A. Pre-Data Collection Phase:

Developed and Tested Data Forms, CATI Programs
During the pre-data collection phase, the following data forms were developed.

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- Recruitment Survey (Form #1)
- House/Building Characteristics Observation Survey - Home (Form #2)
- House/Building Characteristics Observation Survey - Child Daycare Center (Form #3)
- Pre-Monitoring Questionnaire - Parent (Form #4)
- Pre-Monitoring Questionnaire - Child Daycare Center (Form #5)
- Post-Monitoring Questionnaire - Parent (Form #6)
- Post-Monitoring Questionnaire - Child Daycare Center (Form #7)
- Child Activity Diary/Parent - Children Don't Attend Daycare (Form #8)
- Child Activity Diary/Parent - Children Attend Daycare (Form #9)
- Child Activity Diary - Daycare Teacher (Form #10)

All the data forms were tested by trained project staff for consistency and accuracy. In addition, mock interviews and field data collection simulations were conducted to evaluate the effectiveness of the data forms. The data forms were finally reviewed and approved by IRB and OMB. Form #1 (Recruitment Survey) was modified into computer-assisted telephone interviewing programs (CATI) for recruiting the RDD participants (children who did not attend daycares). The CATI programs automatically performed QC checks during data entry, which included range checks, consistency checks, and skip pattern checks. Before the CATI programs were approved for actual RDD recruitment and data collection, it also went through rigid QA/QC checks for programming errors. Exhibit 3 provides an example of the QA/QC test document.

Conducted Staff Training on Data Collection SOPs

To ensure the consistency and high quality of data collection, a comprehensive training plan was implemented. The recruitment team members received training in the implementation of the recruitment SOPs before subject recruitment activities began. Standardized scripts and materials (e.g., CATI system and Interviewer's Manual) were developed. The Interviewer's Manual provided information on the background and aims of this study, the standard interviewing procedures, confidentiality requirements, and question-by-question specifications for the recruitment survey. Interviewers must be certified for the study before they can initiate any contact with the study subjects. In order to be certified as a CATI interviewer for the study, an interviewer must pass the following two tests:

1. CATI Operation Test: The interviewer must demonstrate that he/she is familiar with the CATI instrument and the computer-working environment.
2. CATI Interview Test: The interviewer must conduct at least two mock CATI interviews and receive a satisfactory evaluation from the CATI supervisor.

Training for the field data collection team members included a five-day (40-hour) training session and additional self-practice time was provided to the field staff. The following is a brief summary of the training topics.

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Day 1: Training covered study background, recruitment SOPs, confidentiality issues, informed consent procedures, and the interviewing protocol.

Day 2: The field staff members were trained to administer all the data collection forms.

Day 3: The training included field sampling procedures, i.e., the use of field notebooks and the collection of air, food, urine, dermal hand wipes, hard floor wipes, food preparation surface wipes, the polyurethane foam (PUF) roller for dislodgeable residues, indoor floor dust, and soil samples. Internal field audits and QC procedures were also discussed.

Days 4/5: A mock field sampling exercise (with 2 volunteers) was conducted during the last two days of training. The field team visited the volunteer's home and conduct actual field sampling activities. The field staff members were also certified during these two days (i.e., they were required to pass the tests set for the field sampling procedures).

Day 5: Training in packing and shipping procedures was given on the final day. The training ended with a final review of all SOPs.

Before field data collection began, the field support team members also went through training for data form tracking and processing procedures, coding procedures, and quality control procedures.

Conducted Participant Orientation/Training

Due to the unique features of the CTEPP study, some key information and samples were collected by the study participants themselves. Keeping the participants involved and well informed was critical to the success of the study. All participants (i.e., parents and daycare staff) were trained (i.e., received project orientation) prior to the scheduled sampling appointment (normally one week before the actual sampling). During the orientation/training, our project staff went through the SOPs for collecting samples of food, urine, and dermal hand wipes and recording the Child Activity Diary with the participants.

B. Data Collection Phase:

Conducted CATI Monitoring

As a standard procedure to ensure data quality, Battelle routinely verifies data collection activities. For monitoring CATI interviews (Form #1 RDD), Battelle employed sophisticated computer software (i.e., ***PROXY***) and a telephone monitoring system to validate CATI interview data. With the monitoring system, the CATI supervisor could actually "watch" and "listen" to an interview in progress. A standardized monitoring procedure was developed and used for CATI monitoring. The supervisor randomly selected an interview for monitoring. The monitoring system transferred the interviewer's computer screen and telephone conversation in real time to the supervisor's workstation. The interviewer being monitored or the study respondent could not notice any difference while the monitoring was in progress. To ensure the participant's right, a

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statement that the interview might be monitored by a project supervisor for quality assurance was read to the respondent before the interview began. The monitoring results were recorded in a CATI Interview Monitoring Form (See Exhibit 4).

Conducted Staff Field Edit

All field data collection team members were trained to conduct field edit for all completed data forms. During data collection, the field staff conducted field edits to identify missing data items or questionable information at the sampling site. Any identified issues or problems were resolved at the sampling site before the field data collection team returned to Battelle whenever the field conditions allowed. A Daily Activity Check List was developed to assist the field staff in conducting data collection activities and field edit. The field edits ensured that any data collection issues or problems were resolved early at the sampling site with the study participant.

Conducted Internal Field Audits

According to CTEPP SOP 2.25, Battelle conducted periodic internal field audits to ensure high quality of data collection. The internal field audits were conducted by the Field Team Leader and/or designated field auditors. The field data collection team was not notified of the field audit visit. The field audit schedule was randomly selected by the field auditor/Field Team Leader. During a field audit visit, the field auditor observed all field sampling activities according to the SOPs. The field auditor recorded any findings or observations about the field staff's work that was not consistent with the SOPs. Before the end of each field audit visit, the field auditor discussed the findings or observations with the field staff. A field audit report was prepared by the field auditor after each field audit to document the field audit visit.

Conducted External Field Audits

In addition to Battelle internal field audits, some external field audits were conducted by an EPA auditor and project officer. On September 12 and 13, 2000, EPA audited the North Carolina data collection teams. On June 5, 2001, an EPA project officer conducted a field observation visit with the Ohio data collection teams. There were no findings in all the external field audits and observation visits.

C. Post-Data Collection Phase:

Applied Chain of Custody Procedures

In order to protect the study samples and data forms, a standardized chain-of-custody procedure was developed and implemented for the CTEPP study (See SOP 2.26). In addition, Battelle developed a sophisticated CTEPP Tracking System to monitor the status of data collection. As soon as the field team returned to the office, the field support (receiving) team checked the samples/data condition and updated the data collection status in the CTEPP Tracking System (See Exhibit 5). The following information was recorded for each study participant.

- Sample/Data Description
- Sample Type
- Sample ID#
- Staff's Name Who Collected the Sample/Data
- Date of Collection

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- Sample Condition
- Number of Floor Dust Sampling Areas
- Sample Explanation (if Sample Condition = Explain)
- Staff's Name Who Received the Sample/Data from the Field Team
- Date Received Sample/Data
- Time Received Sample/Data

If the samples/data need to be shipped to another location, the CTEPP Tracking System automatically generates a Chain-of-Custody record for the staff to sign.

Receiving Team Conducted QC Checks
After checking and storing the environmental and biological samples, the receiving team conducted QC checks on all the participant's data forms and study materials. A CTEPP Participant Data QC Check List was developed to track the QC status of each data item (See Exhibit 6). The staff carefully reviewed each data form for missing or questionable data items. After the staff completed the QC review, she/he put her/his initial and date of review on the back of the data form. Any pending issues (e.g., missing materials or information) identified through the QC review were recorded in the Check Notes of the CTEPP Participant Data QC Check List. The field support staff resolved each pending issue by checking with the field data collection staff or contacting the participant.

Developed and Tested Data Entry Programs
After the data forms went through the QC checks and received a "complete" status, the forms were ready for data entry. The Battelle programming team developed a double data entry program to allow two separate data entry teams to conduct data entry. The data entry program was designed to perform additional QC checks during data entry, which included range checks, consistency checks, and skip pattern checks. Before the data entry program was used for actual data entry, it was fully tested by trained project staff. An example of the testing document is illustrated in Exhibit 7 (CTEPP Data Entry Program Test). Examples of data entry program screens are illustrated in Exhibits 8, 9, and 10.

Conducted Double-Data Entry
All data forms were entered twice and verified, using the CTEPP Double Data Entry Program. Two data entry teams (Teams A and B) performed the data entry work and entered the data into two separate databases. All the data entry team members were trained before they were allowed to conduct data entry work. Each data form was entered twice by 2 different people. As a standard procedure for entering the open text fields, the data entry teams were instructed to enter participant's responses verbatim. [***Note:*** Some of the participant reported information contained typos or spelling errors. Per EPA's instructions (2/7/02 conference call), we have corrected those spelling errors.]

Conducted Computer Program Checks for Data Entry Errors
A computer verification program was developed for checking the accuracy of the entered data and every record in the two databases was crosschecked. An example of the crosschecks computer program is illustrated in Exhibit 11 (CTEPP Double Keying Crosschecks &

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Corrections). The crosscheck computer program identified any discrepancies between the two databases and the results were displayed on screen.

Corrected Data Entry Errors

For each data item detected by the computer program, the data entry staff verified the information with the original participant data form and made corrections as needed. The crosscheck computer program made it easy for the staff to identify data entry problems and to verify the information. This program also kept a log of all changes made, including original and new data, date/time of data changed, and name of the staff that made the changes.

Prepared Final Master Database

A final master database for each data form was prepared after all QC checks were completed and data entry discrepancies were corrected. Backup data files were also created to protect the CTEPP data. All CTEPP data files and document are protected by password. Only authorized project staff members have access to the restricted project folders.

Prepared and Verified Data Dictionary and Document

After the completion of master database preparation, the programming team prepared the updated data dictionary for each data form database. The project staff verified the data dictionaries by comparing the hard copy manuals, the electronic files, and the database structures.

Final Data Verification Checks

After completing all the tasks described in the earlier sections, the project staff conducted final QA/QC checks by reviewing data frequency reports and verifying (about 10%) randomly selected participant files. Data items in the database were checked against the data documentation manual (i.e., data variables in the data dictionary) and the actual participant data in the original data form. The results of the random checks showed 100% accuracy. The data in the original participant data form were correctly recorded in the CTEPP database, and the data variables were accurately documented in the data dictionary. Before Battelle delivered the database to EPA, the data variables containing personal identifiers (i.e., names, street address, GPS, etc.) were removed from the database or the information was modified to ensure participant confidentiality. The results of the final data verification checks are shown in Table 1. A list of data variables removed or modified for ensuring participant confidentiality is included in Table 2.

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Exhibit 1. CTEPP Study Activities Flow Chart

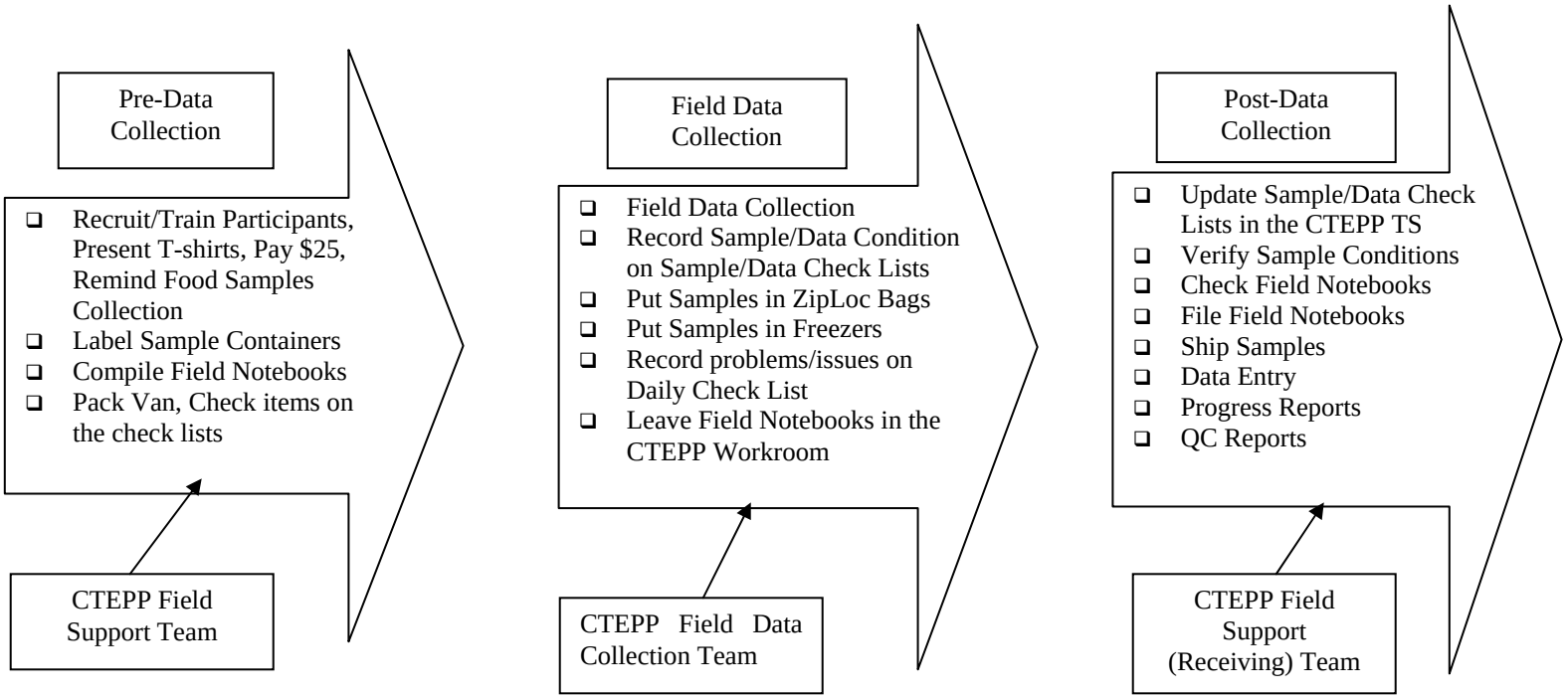

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Exhibit 2. CTEPP QA/QC Procedures for Preparing Data Forms and Database

Pre-Data Collection Phase →

- Developed and Tested Data Forms, CATI Programs
- Conducted Staff Training on Data Collection SOPs
- Conducted Participant Orientation/Training

Data Collection Phase →

- Conducted CATI Monitoring
- Conducted Staff Field Edit
- Conducted Internal Field Audits
- Conducted External Field Audits

Post-Data Collection Phase →

- Applied Chain of Custody Procedures
- Receiving Team Conducted QC Checks
- Developed and Tested Data Entry Programs
- Conducted Double-Data Entry
- Conducted Computer Program Checks for Data Entry Errors
- Corrected Data Entry Errors
- Prepared Final Master Database
- Prepared and Verified Data Dictionary and Document
- Final Data Verification Checks

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Exhibit 3. RDD CATI Tests Document

RDD CATI Tests
Carey Aselage
December 8, 1999

1. Add the following interviewer instructions to this question: May I speak to the parent or guardian of the children in this household (OR NAME OF RESPONDENT IF OBTAINED THE NAME FROM PREVIOUS CALL)?-fixed EB 12/99

2. Skip pattern for answer #1 goes to Q3. However, this question is numbered as Q2 in CATI. I combined question 2 and 3 into 1 question and called it Q2_3. Since it is really the same question with a little different wording depending on whether the parent answered the phone or had to be called to the phone. CWL – is that ok or do you want 2 separate questions? **[CWL: Please program as 2 separate questions] Fixed EB 12/99**

   I did the same thing with questions 4a & c and 4 b & d. **[CWL: Please follow the hard copy]. –Fixed EB 12/99**

   **** Add Contact Information in the first screen (Subject's Name, Address, ID#, Phone #.) or create a Sub Form for this information and revise the instruction in Exit 4 accordingly. – cwl Sub form created EB 12/99**

3. According to the HC, answer #4 (Refused, No Information) should go to Exit #1. CATI does skip to Exit #1, however, the skip also includes Exit #4. This makes sense, I just want to confirm since the HC doesn't mention Exit 4 in the skip pattern for response #4. Since Exit 1 didn't have any instructions in the hard copy, I added what I thought were reasonable instructions. CWL – Let me know if this is ok as is, or if I need to make changes.

4. Exit #1 script contains the following information that doesn't appear on HC: IF CORRECT NUMBER: Thank you very much. Goodbye. PRESS CTL/S AND CHOOSE NONRESPONSE. See above comments.

5. Currently, the only month an appointment can be set is December 1999. I set that up for testing purposes. CWL will need to look at the survey definition and let me know what changes need to be made. EB 12/99

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Exhibit 4. CATI Interview Monitoring Form

Interview Monitoring Form		Date:		
Study:				
Interviewer:		Time Begin/End:		
Monitor:		Study Manager:		

Total Number of Calls Monitored: _____ Number of Contact-Calls: _____
[RECORD THE RESULTS OF MONITORING FOR EACH CONTACT-CALL]

Subject ID#:	**1=YES 2=NO 3=NA**	***Comments:***
1. Identify self and read introduction clearly		
2. Record the dial result correctly		
3. Record appropriate interviewer comments		
4. Make appointment correctly		
5. Read questions clearly and follow instructions		
6. Use appropriate probing when necessary		
7. Record responses correctly		
8. Record appropriate remarks when necessary		
9. Maintain neutrality and control of interview		
10. Maintain a courteous, professional manner		
11. Answer respondent's questions appropriately		
12. Refrain from giving personal remarks/opinions		

Did the Supervisor discuss any problems with the interviewer? **Yes ----- No**
Questions # and Problems Identified:

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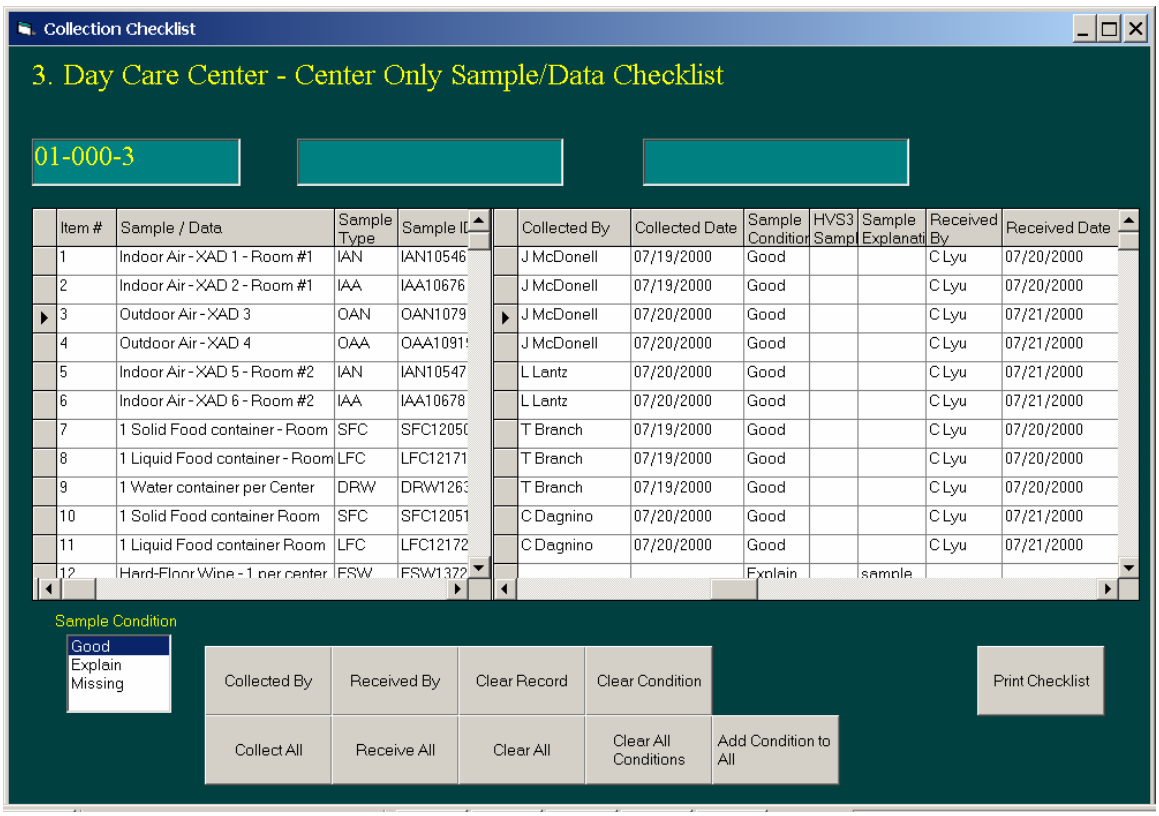
Exhibit 5. CTEPP Tracking System



Item #	Sample / Data	Sample Type	Sample ID	Collected By	Collected Date	Sample Condition	HVS3 Sampl	Sample Explanati	Received By	Received Date
1	Indoor Air - XAD 1 - Room #1	IAN	IAN10546	J McDonell	07/19/2000	Good			C Lyu	07/20/2000
2	Indoor Air - XAD 2 - Room #1	IAA	IAA10676	J McDonell	07/19/2000	Good			C Lyu	07/20/2000
3	Outdoor Air - XAD 3	OAN	OAN1079	J McDonell	07/20/2000	Good			C Lyu	07/21/2000
4	Outdoor Air - XAD 4	OAA	OAA1091	J McDonell	07/20/2000	Good			C Lyu	07/21/2000
5	Indoor Air - XAD 5 - Room #2	IAN	IAN10547	L Lantz	07/20/2000	Good			C Lyu	07/21/2000
6	Indoor Air - XAD 6 - Room #2	IAA	IAA10678	L Lantz	07/20/2000	Good			C Lyu	07/21/2000
7	1 Solid Food container - Room	SFC	SFC1205	T Branch	07/19/2000	Good			C Lyu	07/20/2000
8	1 Liquid Food container - Room	LFC	LFC12171	T Branch	07/19/2000	Good			C Lyu	07/20/2000
9	1 Water container per Center	DRW	DRW1263	T Branch	07/19/2000	Good			C Lyu	07/20/2000
10	1 Solid Food container Room	SFC	SFC12051	C Dagnino	07/20/2000	Good			C Lyu	07/21/2000
11	1 Liquid Food container Room	LFC	LFC12172	C Dagnino	07/20/2000	Good			C Lyu	07/21/2000
12	Hard-Floor Wipe - 1 per center	FSW	FSW1372			Explain		sample		

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Exhibit 6. CTEPP Participant Data QC Check List

CTEPP ID: 09-004-1	
Data Item	**Check Notes**
1.Daily Checklists	**Complete**
2. Form #1	**Complete**
3. Consent Forms (2)	**Participation consent: Complete** **Future consent: Complete**
4. Receipts (2)	$25 and $75
5. Air Log	Complete
6. Premonitoring	Complete
7. Postmonitoring	Complete
8. Chemical Table	Complete
9. Observation Survey	Complete
10. Sketches	Complete (to be entered electronically)
11. Diary	*Non-marked clothing items on page 8, (F1.4) on page 9, (F9) on page 16.*
12.	

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Exhibit 7. CTEPP Data Entry Program Test

DATA ENTRY TEST
SUZANNE BENNY
8/21/00

Form 4:

1. No place for cooperation/quality of interviewer – need this info?
   Fixed 08/28/00 ER
2. A3 – asks for to identify room – include # only, or verbal description too?
   Verbal description too. 08/31/00 ER
3. A3 & A7 – include instructions on how to advance from these (i.e., leave blank)?
   Fixed 08/28/00 ER
4. A12 j & k – include instructions to leave blank if n/a, and not to put "2" for "No"
   Fixed 08/28/00 ER
5. B17 – no place for "n/a" – this is the farm income question
   Fixed 08/28/00 ER
6. C1 & C10 – assume minutes = 0 if blank? Yes (added instructions on screen) 08/31/00 ER
7. C6 – no place for "none"
   Fixed 08/28/00 ER
8. C26- no option for "never"
   Fixed 08/28/00 ER

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Exhibit 8. CTEPP Double Data Entry Program

Initial Screen

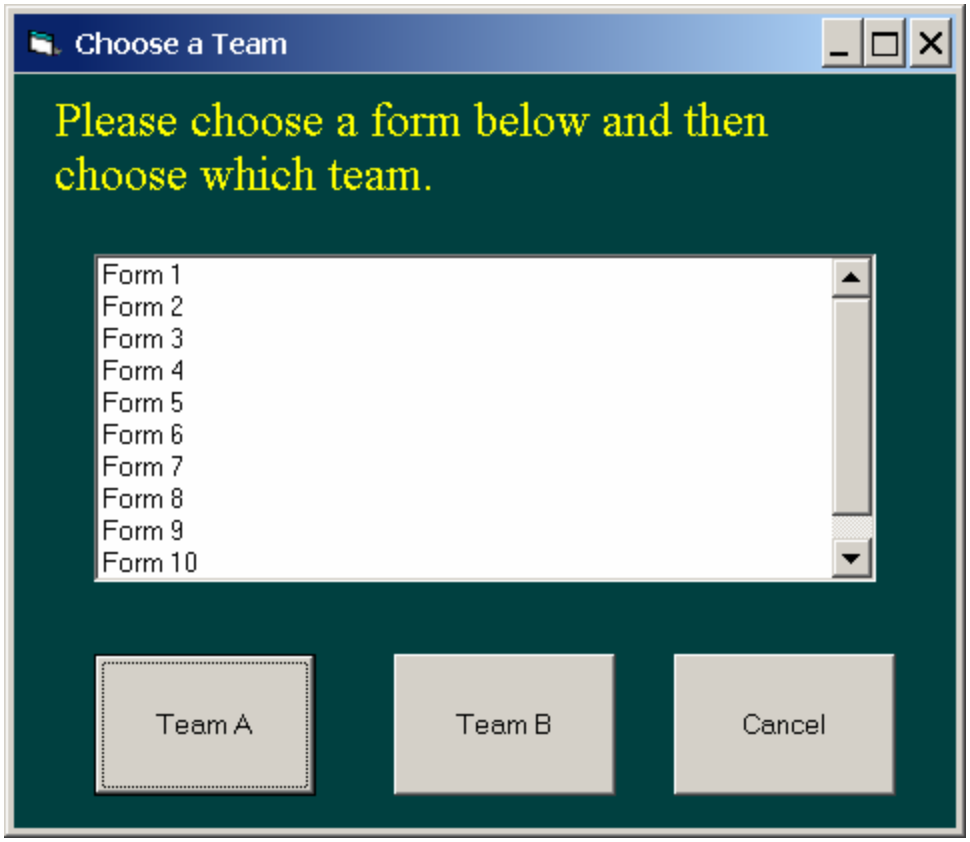

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Exhibit 9. CTEPP Double Data Entry Program

Data Entry Screen

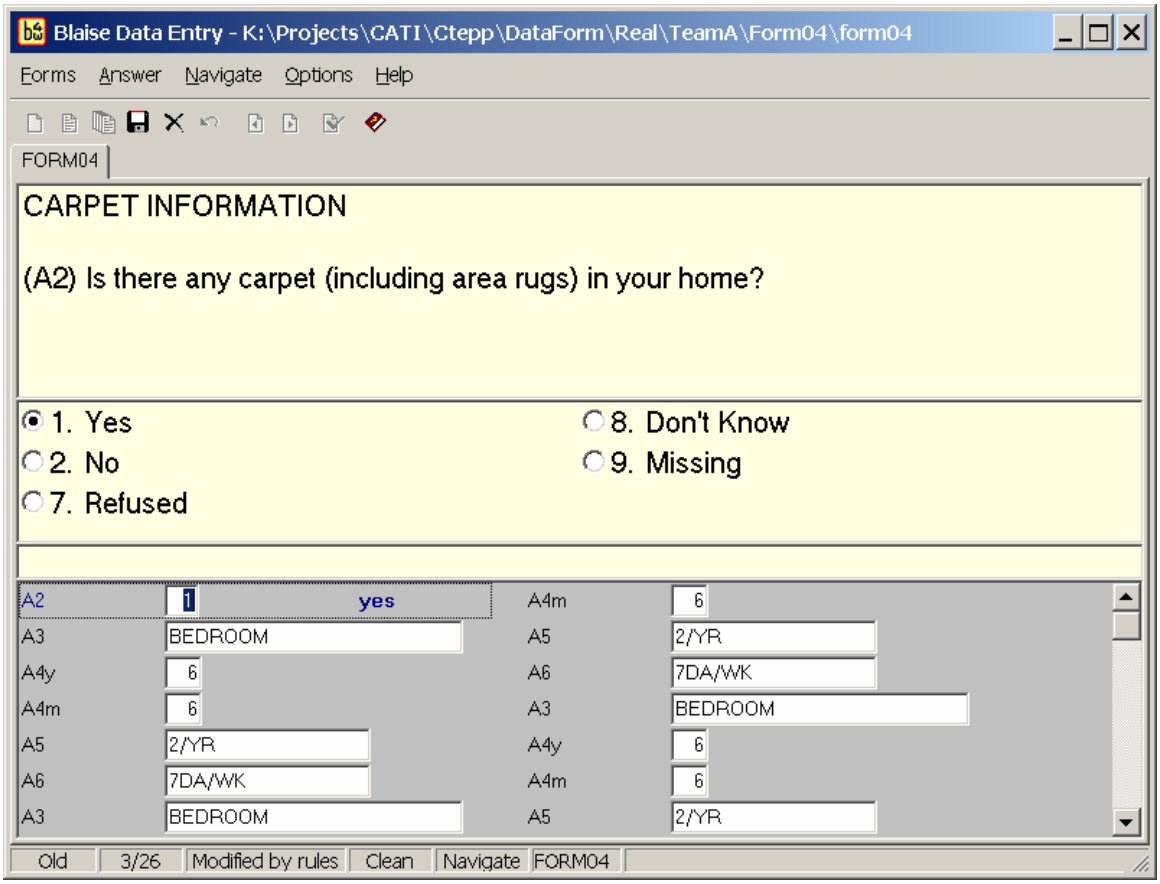

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Exhibit 10. CTEPP Double Data Entry Program

Status Screen

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Exhibit 11. CTEPP Double Keying Crosschecks & Corrections

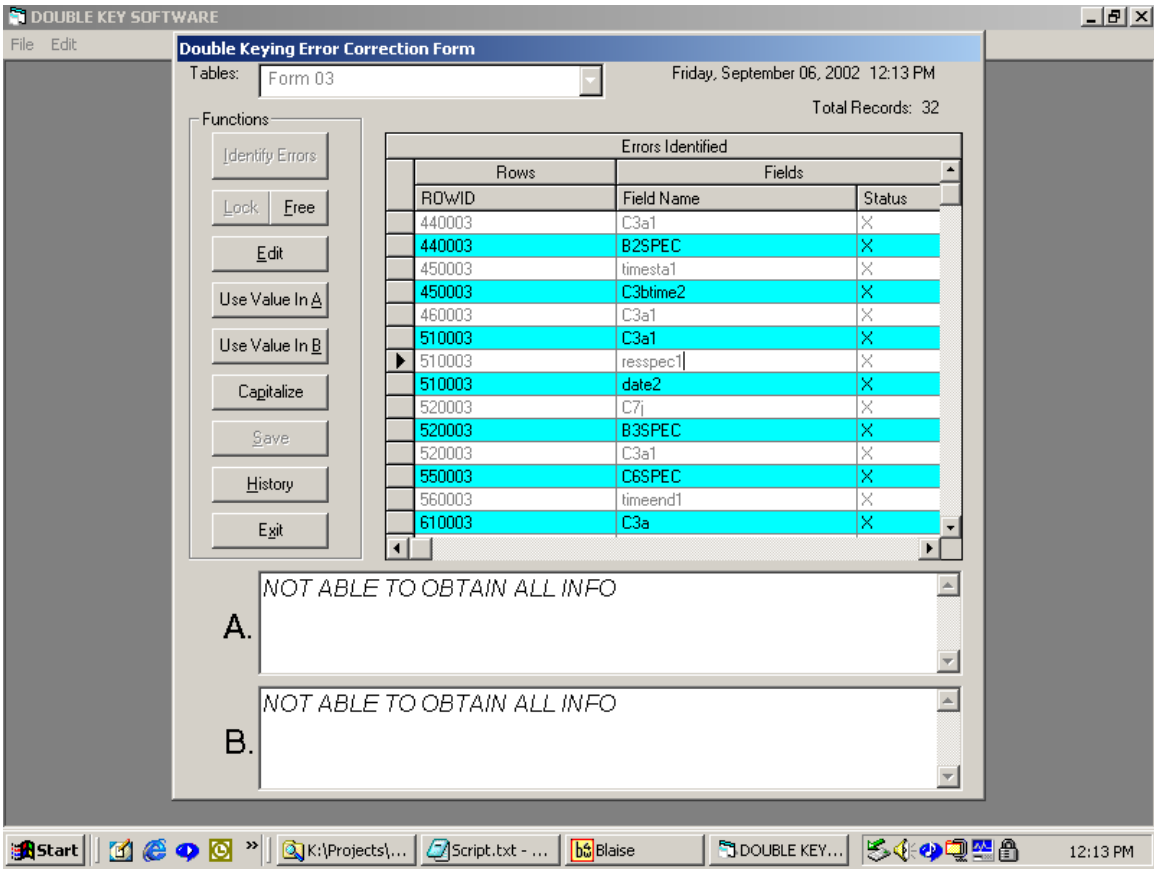

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Table 1. Final Data Verification Checks for OH Database

PID	Data Forms Checked	QA/QC Checks Status	Results
41-001-1	2, 4, 6, 9, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
46-002-1	1, 2, 4, 6, 9, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
52-004-1	2, 4, 6, 9, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
61-004-1	2, 4, 6, 9, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
64-003-1	2, 4, 6, 9, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
70-001-1	2, 4, 6, 9, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
98-008-1	2, 4, 6, 8, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
98-026-1	2, 4, 6, 8, Air Data Log	Complete Checks: Checked all variables of each data form	No problem
98-053-1	2, 4, 6, 8, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
98-069-1	2, 4, 6, 8, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
98-115-1	2, 4, 6, 8, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
51-000-3	3, 5, 7, 10, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem
66-000-3	3, 5, 7, 10, Air Data Log	Partial Checks: Checked some randomly selected variables of each data form	No problem

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Table 2. Potential Participant Identifying Information

Form #	Field Name	Remarks	Action
2	C3a1	May contain street names	Revised as needed
2	C3b1	May contain street names	Revised as needed
2	C3c1	May contain street names	Revised as needed
2	C8latdeg	GPS reading	Removed
2	C8latms	GPS reading	Removed
2	C8dir1	GPS reading	Removed
2	C8londeg	GPS reading	Removed
2	C8lonms	GPS reading	Removed
2	C8dir2	GPS reading	Removed
3	C3a1	May contain street names	Revised as needed
3	C3b1	May contain street names	Revised as needed
3	C3c1	May contain street names	Revised as needed
3	C8latdeg	GPS reading	Removed
3	C8latms	GPS reading	Removed
3	C8dir1	GPS reading	Removed
3	C8londeg	GPS reading	Removed
3	C8lonms	GPS reading	Removed
3	C8dir2	GPS reading	Removed
4	Name	Contact name for who knows the age of the house	Removed
4	Phone	Phone number for who knows the age of the house	Removed
4	Jan_Note - Dec_Note	May contain names	Revised as needed
4	A14spec	May contain street names	Revised as needed
4	B1_1(-10)	People's names	Revised as needed
4	B6	Employer's name, check all	Revised as needed
4	B7	May be too specialized, check all	Revised as needed
4	B8	May be too specialized, check all	Revised as needed
4	B9spec	Person's name	Revised as needed
4	B10	Employer's name, check all	Revised as needed
4	B11	May be too specialized, check all	Revised as needed
4	B12	May be too specialized, check all	Revised as needed
4	B13spec	Person's name	Revised as needed
4	B14	Employer's name	Revised as needed
4	B15	May be too specialized, check all	Revised as needed
4	B16	May be too specialized, check all	Revised as needed
4	B29	Person's name	Revised as needed
4	B31	Person's name	Revised as needed
4	B33	Person's name	Revised as needed
4	C32m and C32d	Child's DOB - Day and Month (kept Year)	Removed
4	C33m and C33d	Adult's DOB - Day and Month (kept Year)	Removed
5	Name	contact name for age of the house	Removed
5	Phone	Phone number for age of the house	Removed
5	A4_1 to A4_5	Change all Classrooms names to either C1 (classroom 1) or C2 (classroom 2).	Revised as needed
5	A14spec	May contain street names	Revised as needed
5	A16	May contain street names	Revised as needed
5	B15_1 to B15_4	Change all Classrooms names to either C1 (classroom 1) or C2 (classroom 2).	Revised as needed

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Table 2. Potential Participant Identifying Information

Form #	Field Name	Remarks	Action
5	B21Nm_a to B21Nm_j	Name of commercial contractor (a to j)	Removed
5	B21TL_a to B21TL_j	Phone number of commercial contractor (a to j)	Removed
6	Q1Awh to Q1Zwh	May contain names	Revised as needed
6	Q1Aho to Q1Zho	May contain names	Revised as needed
6	Q21Nm_a to Q21Nm_k	Commercial Contractor name	Removed
6	Q21TL_a to Q21TL_k	Commercial Contractor Phone number	Removed
6	Q22_a to Q22_k	Could contain names	Revised as needed
6	Q24Lc_a to Q24Lc_k	Could contain names	Revised as needed
7	Q1AB to Q1ZB	Could contain names	Revised as needed
7	Q1AC to Q1ZC	Could contain names	Revised as needed
7	comment	Could contain names	Revised as needed
8	Q4Wher_1 to Q4Wher_5	Could contain recognizable locations or names of people	Revised as needed
8	Q5_1 to Q5_5	Could contain recognizable locations or names of people	Revised as needed
8	Q6_1 to Q6_5	Could contain recognizable locations or names of people	Revised as needed
8	ACTdSp_1 to ACTdSp_5	May contain names or locations	Revised as needed
8	ACTiSp_1 to ACTiSp_5	May contain names or locations	Revised as needed
9	Q4Wher_1 to Q4Wher_4	Could contain recognizable locations or names of people	Revised as needed
9	Q5_1 to Q5_4	Could contain recognizable locations or names of people	Revised as needed
9	Q6_1 to Q6_4	Could contain recognizable locations or names of people	Revised as needed
9	ACTdSp_1 to ACTdSp_4	May contain names or locations	Revised as needed
9	ACTiSp_1 to ACTiSp_4	May contain names or locations	Revised as needed
10	Q4Wher_1 to Q4Wher_3	Could contain recognizable locations or names of people	Revised as needed
10	Q6Spc_1 to Q6Spc_3	Could contain recognizable locations or names of people	Revised as needed
10	Q7Spc_1 to Q7Spc_3	Could contain recognizable locations or names of people	Revised as needed
10	ACTdSp_1 to ACTdSp_3	May contain names or locations	Revised as needed
10	ACTiSp_1 to ACTiSp_3	May contain names or locations	Revised as needed

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IV. CTEPP QA/QC Procedures for the Analytical Database

Analytical data were electronically imported into the database according to CTEPP SOP 4.12. The analytical raw data (QUAN report) were generated from each instrument by a qualified analyst (the first data reviewer). The QUAN report was then reviewed by the TOL (the second data reviewer) for all the identified analytes. The QUAN report was then electronically transferred into a custom report and saved as a "crd" file. The "crd" file was then electronically parsed into an Excel spreadsheet template, pertinent data such as sample extraction weight and quality assurance codes were added and saved as an Excel file with an extension of ".xls" by the first data reviewer. The TOL reviewed all the Excel files before importing into the analytical database. If any anomalous results were observed in the data, every effort was made to identify any problems in the sample collection, sample preparation, and/or analysis, which could have contributed to the anomaly. Data dictionaries and code sets for core analytical data, QA/QC data, and ancillary data were developed for the analytical database. The completed Excel spreadsheets were then electronically imported into the analytical database by the database staff.

Database queries were developed to perform QA/QC checks. The QA/QC checks performed for the Ohio analytical database include (1) sample ID checks, (2) missing data checks, (3) duplication data checks, (4) out-of-range checks, (5) upper- and lower-concentrations checks, and (6) calculation checks.

Sample ID checks

The sample ID checks were performed to verify that all Sample IDs with reported data were valid Sample IDs, i.e., they were logged in as received from the field. If invalid sample IDs were detected, the database staff traced back to the original raw data, including laboratory record books and GC/MS logbooks, to identify the transcription error and to make the corrections accordingly. All corrections were documented in the database importing logbook.

Missing data checks

The missing data checks were performed to verify that all Sample IDs received from the field had a full set of analytical data reported. Samples that were received but that did not have a complete set of analytical data and/or ancillary data, other than for a stated reason in the electronic CoC data, were identified, and one of the following correction actions was taken (as appropriate): analytical data was found and imported into the database, or samples were located, processed, analyzed, reviewed, and the analytical data was imported into the database. Samples that were lost or damaged during laboratory processing were identified and imported into the QA Action table with an explanation regarding their disqualification.

Table 3 presents a summary of the number of samples collected and the number of samples with data reported.

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Table 3. Summary of Ohio Sample Collection and Analysis

Sample Code [a]	Sample Description	Field Samples Collected [b] # Real (#QA)	Field Samples Reported [b]
DAA	Dermal Wipe at Home Adult #3 and #4	69	69
DAH	Dermal Wipe Day care Adult at Home	58	58
DAN	Dermal Wipe at Home Adult #1 and #2	69	69
DCA	Dermal Wipe at Home Child #3 and #4	69 (14)	83
DCD	Dermal Wipe Day care Child at Day care	58	58
DCH	Dermal Wipe Day care Child at Home	59	59
DCN	Dermal Wipe at Home Child #1 and #2	69 (14)	83
DRW	Drinking Water	143 (14)	157
FPW	Food Preparation Surface Wipe	16	16
FSW	Floor Surface Wipe	38	38
IAA	Indoor Air Acid	149 (1)	150
IAN	Indoor Air Neutral	149 (1)	150
IFD	Indoor Floor Dust	143 (14)	157
LFA	Liquid Food Adult	122c	122
LFC	Liquid Food Child	170[c]	170
OAA	Outdoor Air Acid	143 (13)	155[d]
OAN	Outdoor Air Neutral	143 (13)	156
PUF	PUF Roller Surface Dislodgeables	16 (2)	18
SFA	Solid Food Adult	127	127
SFC	Solid Food Child	156 (14)	170
SOL	Soil	143	143
URA	Urine Adult	1,096	194[e]
URC	Urine Child	1,272	266[e]

[a] Sample code shown is the prefix, or first three letters of the Sample Identification Code.
[b] Samples collected include all the number of real field samples followed by the number of field blanks in parenthesis. Samples collected and samples reported do not include samples generated and analyzed as laboratory QC samples.
[c] Five households returned empty liquid food containers and indicated that they drank water only. These samples were disqualified and were not included in the sample count.
[d] Sample OAA19745 was lost during the laboratory extraction.
[e] The number of urine samples reported is the number of both composited and non-composited samples.

Duplicate data checks

Duplicate data checks were performed to verify that the same analytical data was not imported into the database twice for a given sample. The database staff traced the sample results back to the laboratory record books, the GC/MS sequence logs, and/or the QUAN reports to confirm that duplicate data was the result of a double import, and not a QA/QC re-analysis (e.g. duplicate sample or duplicate injection). Once the duplicate data was identified as a double import, the set of results for the sample having the oldest sample import date were eliminated from the analytical database. If the duplicate data was identified as a QA/QC re-analysis, the proper QCC code was added to the QC_Code data field, and the data for the first duplicate (only) remained in the Core_Analytical_Results table, and the data for the first and second duplicates were reported in the QA_QC_Results table.

Out of range checks

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Out-of-range checks were performed to verify that all data for data fields limited to a codeset did not violate that codeset. For data fields that were limited to a codeset of values, queries were performed to identify data within those fields that did not belong to, or "violated", the codeset. Once identified, the database staff traced the sample results back to the laboratory record books to identify the transcription error. The data in the database was corrected, and that correction was documented.

Upper- and lower- concentration checks

Upper- and lower-level concentrations checks were performed on approximately 5% of the results that were plus or minus three standard deviations from the mean. Database queries were performed to identify those calculated results (Result1 and Result2) greater than or less than three standard deviations from the domain mean. Five percent of these data were reviewed again by the data reviewer. The data reviewer checked the QUAN report, all the parameters used for the results calculation, and the result calculation itself to make sure that identification and quantification were performed correctly. If the data reviewers detected any mis-identification and/or mis-quantification, corrections were made accordingly. The TOL approved the corrected data and the database manager made the changes in the database. All activities were documented in the laboratory record books and database importing logbook.

Several additional checks were performed to:

(1) review the SRS and MSS recoveries data greater than 150% and less than 50%;
(2) review the %D data that are greater than 50%;
(3) add more flag codes to explain these QC data from items 1 and 2;
(4) review all nonzero method blanks and field method blanks; and

Calculation Checks

Calculation checks were performed in Excel spreadsheets for selected samples to verify that the calculations performed on Excel spreadsheet agreed with the calculations performed on the analytical database. Hand calculations, using a calculator, were performed on select data to verify the calculated data agreed with the database calculated data.

For those data requiring calculation of results, a random subset (approximately 5%) of the raw data was calculated using an independent calculation source (Excel) for validation. In addition, hand calculations were performed on random data for each sample matrix using a calculator.

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Appendix E

EPA SAS Program for QA/QC

EPA SAS Program for QA/QC

```
                    *** AD ***;

proc sort data=new.qa_qc_results(where=(QC_Code ='AD1' & QC_Result> .30 )) out=ad1;
by matrix report_c;
run;
*****************************************************************;

data ad1;
        set ad1;

        if (qc_result > .5) then qc_flag_ad1=3; else
        if (qc_result > .3) then qc_flag_ad1=2;
run;
-----------------------------------------------------------------------------------
                    *** DS ***;

proc sort data=new.qa_qc_results(where=(QC_Code ='DS1' & QC_Result> .30 )) out=ds1;
by matrix report_c;
run;
*****************************************************************;

data ds1;
        set ds1;

        if (qc_result > .5) then qc_flag_ds1=3; else
        if (qc_result > .3) then qc_flag_ds1=2;

        if flag1='HET' then qc_flag_ds1=2;

run;
-----------------------------------------------------------------------------------
                    title "SRS";

proc sort data=new.qa_qc_results(where=(QC_Code='SRS' & index(flag1,'NSA')=0))
out=qa_qc_results ;
by matrix report_c;
run;
*****************************************************************;

data srs;
        set qa_qc_results;
```


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```
        if (.60 <= QC_Result) & (QC_Result <= 1.3) then qc_flag_srs=1;   else
        if (.40 <= QC_Result)          then qc_flag_srs=2;                    else
        if (.4 > QC_Result)     then qc_flag_srs=3;                    else
        if (1.3 < QC_Result) & (QC_Result <= 1.5) & Symbol1 = '<' then qc_flag_srs=1; else
        if (1.3 < QC_Result) & (QC_Result <= 1.5) & Symbol1 = '=' then qc_flag_srs=2; else
        if (1.5 < QC_Result) & (QC_Result <= 3.0) & Symbol1 = '<' then qc_flag_srs=2; else
        if (1.5 < QC_Result) & (QC_Result <= 3.0) & Result1 < 1000 then qc_flag_srs=3; else
        if (1.5 < QC_Result) & (QC_Result <= 3.0) & Result1 >= 1000 then qc_flag_srs=2; else
        if (QC_Result > 3.0)   then  qc_flag_srs=3;
run;
        title "FMB";

proc sort data=new.qa_qc_results(where=(QC_Code ='FMB' & symbol1="=")) out=FMB;
by Raw_ID matrix report_c;
run;
*******************************************************************;

proc sql;
        create table fmb2 as
        select core.Raw_ID, fmb.sid as fmb_sid, core.sid, core.pid, core.matrix, core.report_c,
        fmb.qc_result, fmb.sad, fmb.raw_data, fmb.result1, fmb.mdl1,
        core.result1 as core_result, core.mdl1 as core_mdl, core.Diln_Fac as core_df, core.Flag1
as core_flag
        from fmb, core
        where substr(fmb.Raw_ID,1,4) = substr(core.Raw_ID,1,4) & fmb.report_c=core.report_c
& fmb.matrix=core.matrix
        order by core.sid, core.matrix, core.report_c, fmb.result1;
run;

proc means data=fmb2 noprint;
        by sid matrix report_c;
        var result1;
        output out=counts n=n;
run;

data ones twos many;
        set counts;
        if n=1 then output ones;
        else if n=2 then output twos;
        else output many;
run;
*******************************************************************;
```


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```
data one2;
        merge ones(in=keepit)
                fmb2;
        by sid matrix report_c;

        if keepit;
run;
*****************************************************************;

data twos;
        merge twos(in=keepit)
                fmb2;
        by sid matrix report_c;

        if keepit;

run;

proc means data=twos noprint;
        by sid matrix report_c;
        var result1 mdl1;
        output out=two2 min=result1 mdl1;
run;
*****************************************************************;

data many;
        merge many(in=keepit)
                fmb2;
        by sid matrix report_c;

        if keepit;

run;

proc means data=many noprint;
        by sid matrix report_c;
        var result1 mdl1;
        output out=many2 mean=result1 mdl1;
run;
*****************************************************************;

data all;
        set     one2(keep=sid matrix report_c result1 mdl1)
                two2
```


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```
                many2;
        by sid matrix report_c;

        if last.report_c;

        drop _FREQ_ _TYPE_;

run;
*****************************************************************;

data fmb;
        merge  all(in=keepit)
                core(keep=sid matrix report_c result1 rename=(result1=core_result));
        by sid matrix report_c;

        if keepit = 0 then qc_flag_fmb =1; else
        if core_result <= mdl1 then qc_flag_fmb =1; else
        if (core_result > (8*result1)) then qc_flag_fmb =1; else
        if ((2*result1) <= core_result) & (core_result <= (8*result1)) then qc_flag_fmb =2; else
        if  (core_result < (2*result1)) then qc_flag_fmb =3;
run;
        title "LMB";

proc sort data=new.qa_qc_results(where=(QC_Code='LMB')) out=qa_qc_results ;
        by sid matrix report_c;
run;
*****************************************************************;

proc sql;
        create table lmb as
        select core.Raw_ID, lmb.sid as lmb_sid, core.sid, core.pid, core.matrix, core.report_c,
        lmb.qc_result, lmb.sad, lmb.raw_data, lmb.result1, lmb.mdl1,
        core.result1 as core_result, core.mdl1 as core_mdl
        from qa_qc_results as lmb, core
        where substr(lmb.Raw_ID,1,4) = substr(core.Raw_ID,1,4) & lmb.report_c=core.report_c
& lmb.matrix=core.matrix
        order by core.Raw_ID, core.matrix, core.report_c;
run;
*****************************************************************;

data lmb;
        set lmb;
        if result1 <= mdl1 then qc_flag_LMB =1; else
        if core_result <= mdl1 then qc_flag_LMB =1; else
```


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```
        if (core_result > (8*result1)) then qc_flag_LMB =1; else
        if ((2*result1) <= core_result) & (core_result <= (8*result1)) then qc_flag_LMB =2; else
        if  (core_result < (2*result1)) then qc_flag_LMB =3;
run;
        title "MSS";

proc sort data=new.qa_qc_results(where=(QC_Code='MSS' & index(sid,'LRB')=0))
out=qa_qc_results ;
by matrix report_c;
run;
*******************************************************************;

proc format;
        value $ media
 'DAA',    'DAH',    'DAN',    'DCA',    'DCD',    'DCH',    'DCN',  'FSW' = 'Wipe'

 'DRW' = 'Water'

 'IAA',    'IAN',    'OAA',    'OAN' = 'Air'

 'IFD' = 'Dust'

 'PUF'  ='PUF'

 'LFA',    'LFC',    'SFA',    'SFC' = 'Solid'

 'SOL'='Soil'

 'URA',    'URC' ='Urine';
run;
*******************************************************************;

data MSS;
        set qa_qc_results;
        media=put(matrix,$media.);
        report_c=trim(left(report_c));

run;
*******************************************************************;

proc sql;
        create table mss2 as
        select mss.no, sp.spike_level
        from mss, qc.spike_level_mss as sp
```


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```
        where mss.media = sp.media & trim(left(mss.report_c)) =  trim(left(sp.report_c));
run;

data temp;
        merge  mss
                mss2(in=hasspike);
        by no;

        if media = 'Urine' & report_c = "IMP (2-isopropyl-6-methyl-4-pyrimidinol)" then
qc_flag_MSS=3; else
        if flag1='SSL' then qc_flag_MSS=3; else
        if (.70 <= QC_Result) & (QC_Result <= 1.3) then qc_flag_MSS=1;          else
        if (.50 <= QC_Result)           then qc_flag_MSS=2;                     else
        if (1.3 < QC_Result) & (QC_Result <= 1.5)  then qc_flag_MSS=2; else
        if (QC_Result< .50) | (qc_result >1.5) then do;
                if raw_data > 100 then qc_flag_MSS=3; else
                if raw_data < mdl1 then qc_flag_MSS=3; else
                if raw_data < 20 then qc_flag_MSS=3; else
                if (raw_data >=20) & (raw_data<=100) & raw_data > (2*spike_level) then
qc_flag_MSS=3; else
                if (raw_data >=20) & (raw_data<=100) & raw_data<= (2*spike_level) then
qc_flag_MSS=2;
        end;

run;
        *** Over all QC Flag ***;

data qc_flag;
        length sid $ 50 report_c $ 60;
        merge ad1 com ds1 fmb lmb mss srs ;
        by  SID   Matrix    Report_C;

        array flags qc_flag_ad1 qc_flag_com qc_flag_ds1 qc_flag_fmb qc_flag_lmb
qc_flag_mss qc_flag_srs ;
        do over flags;
                if flags = 11 then flags=1;
                if flags<1 then flags=1;
        end;

    if max(qc_flag_com, qc_flag_fmb, qc_flag_lmb, qc_flag_srs, qc_flag_mss, qc_flag_ad1,
qc_flag_ds1) = 3 then qc_flag=3;
else if max(qc_flag_com, qc_flag_fmb, qc_flag_lmb, qc_flag_srs, qc_flag_mss, qc_flag_ad1,
qc_flag_ds1) = 1 then qc_flag=1;
else if sum(qc_flag_com, qc_flag_fmb, qc_flag_lmb, qc_flag_srs, qc_flag_mss, qc_flag_ad1,
```


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```
qc_flag_ds1) >= 7 then qc_flag=2;
else qc_flag=0;

run;
```

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Appendix F

Median Indoor Air Sample Concentrations (ng/m^3) in the NC and OH Portions of the CTEPP Study

Median Indoor Air Sample Concentrations (ng/m^3) in the NC and OH Portions of the CTEPP Study

Analyte	Median Indoor Air Concentration (ng/m^3)	
	NC	OH
2,4-D (2,4-dichlorophenoxyacetic acid)	0.166	0.127
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	1.77	0.650
alpha-chlordane	0.840	0.230
benz[a]anthracene	0.064	0.064
benzo[a]pyrene	0.080	0.064
benzo[b]fluoranthene	0.130	0.064
benzo[e]pyrene	0.067	0.064
benzo[g,h,i]perylene	0.120	0.064
benzo[k]fluoranthene	0.064	0.064
benzylbutylphthalate	40.57	24.78
bisphenol-A	1.595	0.980
chlorpyrifos	6.070	1.750
chrysene	0.100	0.064
cis-permethrin	0.405	0.275
cyfluthrin	0.615	0.615
di-n-butylphthalate	239.69	255.40
diazinon	2.025	0.970
dibenzo[a,h]anthracene	0.064	0.064
gamma-chlordane	1.470	0.340
heptachlor	6.590	0.064
indeno[1,2,3-c,d]pyrene	0.090	0.064
p,p'-DDE	0.064	0.064
PCB 44	0.043	0.028
PCB 52	0.530	0.440
PCB 95	0.090	0.110
PCB 101	0.060	0.090
pentachlorophenol	1.450	2.000
trans-permethrin	0.270	0.236

Note: The median indoor air concentrations in this table were used as estimates for the indoor air concentrations for all study participants when not in either a day care center or home environment.

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Appendix G

Algorithms for Estimating Daily Ingestion Rate of Dust and Soil in Children Participants

Algorithms for Estimating Daily Ingestion Rate of Dust and Soil in Children Participants

Daily ingestion rates of dust and soil were obtained from information found in the EPA Exposure Factors Handbook. For all participating adult caregivers, the ingestion rates used in the calculation were M_d=25 mg/day and M_s=50 mg/day. For participating children, ingestion rates were assigned by placing the children into one of three groups (Groups A, B, or C) based upon their potential for soil ingestion, and then again into one of these three groups based upon their potential for dust ingestion.

For dust ingestion, the following algorithm was used to assign children to Groups A, B, or C:

1. Responses were obtained from the following questions on Form 04 (parent pre-monitoring questionnaire):
   - Question C5: How often did [the child] play with sand or dirt?
   - Question C6: Which of the following have you seen your child eat: dirt, sand, snow
2. Based on the responses to these two questions, each participating child was placed into Group A, B, or C with regard to dust ingestion if any of the following was satisfied:

   Group A:
   - Response to C5 was "most of the time"
   - Response to C5 was "sometimes," and response to C6 was "dirt," "soil," and/or "snow"

   Group B:
   - Response to C5 was "sometimes," and response to C6 did not include "dirt," "soil," or "snow"
   - Response to C5 was "rarely or almost never," and response to C6 was "dirt," "soil," and/or "snow"

   Group C:
   - Response to C5 was neither "most of the time" or "sometimes," and response to C6 did not include "dirt," "soil," or "snow"

For soil ingestion, the following algorithm was used to assign children to Groups A, B, or C:

1. Responses were obtained from the following questions on Form 04 (parent pre-monitoring questionnaire):
   - Question C12: Did your child use a pacifier in the past month?
   - Question C13a: In the past month, did [your child] suck or chew his/her thumb/fingers?
   - Question C13b: In the past month, did [your child] suck or chew his/her toe/foot?
   - Question C16: Did [your child] ever put his/her mouth on the floor and lick the floor?
   - Question C21: Is your child currently teething?
   - Question C22: How often did [your child] put toys in his/her mouth?
   - Question C23: Did [your child] put any things other than toys or food in his/her mouth?

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2. Based on the responses to these questions, each participating child was placed into Group A, B, or C with regard to soil ingestion if any of the following was satisfied:

Group A:
- Response to either C12 or C21 was "yes"
- Responses to C12 and C21 were both "no," response to C22 was "frequently," and at least one "yes" response was given among questions C13a, C13b, C16, and C23
- Responses to C12 and C21 were both "no," response to C22 was "sometimes," and at least three "yes" responses were given among questions C13a, C13b, C16, and C23

Group B:
- Responses to C12 and C21 were both "no," response to C22 was "sometimes," and either one or two "yes" responses were given among questions C13a, C13b, C16, and C23
- Responses to C12 and C21 were both "no," response to C22 was "frequently," and no "yes" responses were given among questions C13a, C13b, C16, and C23
- Responses to C12 and C21 were both "no," response to C22 was not "frequently" or "sometimes," and at least three "yes" responses were given among questions C13a, C13b, C16, and C23

Group C:
- Responses to C12 and C21 were both "no," response to C22 was not "frequently" or "sometimes," and no more than two "yes" responses were given among questions C13a, C13b, C16, and C23
- Responses to C12 and C21 were both "no," response to C22 was "sometimes," and no "yes" responses were given among questions C13a, C13b, C16, and C23

Once a participating child was placed into either Groups A, B, and C for soil ingestion and for dust ingestion, then for both dust and soil, the daily ingestion rates were assigned as follows:

- Children in Group A: Daily ingestion rate = 100 mg/day
- Children in Group B: Daily ingestion rate = 50 mg/day
- Children in Group C: Daily ingestion rate = 25 mg/day

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Appendix H

Percentages of NC and OH Multimedia Samples with Pollutant Levels At or Above the MQL

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Table H-1 Percentages of NC Samples With Pollutant and Metabolite Levels At or Above the MQL in Multimedia and Urine Samples[a]

Pollutant/Metabolite[b]	Percentage of Results At or Above the MQL in Multimedia and Urine Samples							
	INDOORS		OUTDOORS		PERSONAL			
	Indoor Air	Dust	Outdoor Air	Soil	Dermal Wipe	Solid Food	Liquid Food	Urine
OP Pesticides and Metabolite								
Chlorpyrifos	100	99	62	14	77	53	8.1	–[c]
Diazinon	98	81	31	14	35	8.6	0.68	--
3,5,6-TCP	95	97	59	53	87	96	13	84
OC Pesticides								
Aldrin	41	15	6.4	0.0	3.1	2.0	0.0	--
alpha-Chlordane	91	82	27	21	33	3.9	0.0	--
gamma-Chlordane	95	91	39	23	46	7.2	0.0	--
p,p'-DDE	18	34	0.0	9.2	3.1	52	6.1	--
p,p'-DDT	28	38	11	18	6.7	3.3	2.0	--
Dieldrin	40	45	12	13	4.9	2.0	0.0	--
Endrin	34	18	41	4.2	2.2	0.65	0.0	--
Heptachlor	93	42	60	3.5	19	12	0.0	--
Lindane	14	13	11	3.5	2.2	7.2	1.4	--
Pentachloronitrobenzene	12	2.8	2.9	0.0	0.45	0.65	0.68	--
Pyrethroid Pesticides								
Cyfluthrin	2.0	44	0.0	11	21	0.66	0.0	--
cis-Permethrin	61	100	12	19	82	39	14	--
trans-Permethrin	57	100	12	17	81	38	9.8	--
Acid Herbicides								
Dicamba	0.68	18	6.5	2.9	0.0	7.8	0.0	--
2,4-D	45	64	17	10	4.8	38	0.75	62
2,4,5-T	6.8	0.71	7.2	0.72	0.0	1.1	0.0	--
PAHs								
Benz[*a*]anthracene	28	100	26	60	25	7.9	0.0	--
Benzo[*b*]fluoranthene	45	100	54	67	24	12	0.0	--
Benzo[*k*]fluoranthene	14	99	22	52	13	2.6	0.0	--
Benzo[*ghi*]perylene	37	100	43	61	24	0.66	0.0	--
Benzo[*a*]pyrene	32	100	26	63	17	7.9	0.0	--
Benzo[*e*]pyrene	20	100	33	62	21	6.6	1.3	--
Chrysene	33	100	38	66	28	7.9	0.0	--
Dibenzo[*a,h*]anthracene	1.4	96	1.4	37	6.7	0.0	0.0	--
Indeno[1,2,3-*cd*]pyrene	30	100	34	57	18	0.0	0.0	--

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Table H-1 Percentages of NC Samples With Pollutant and Metabolite Levels At or Above the MQL in Multimedia and Urine Samples (cont.)

Pollutant/Metabolite [b]	Percentage of Results At or Above the MQL in Multimedia and Urine Samples							
	INDOORS		OUTDOORS		PERSONAL			
	Indoor Air	Dust	Outdoor Air	Soil	Dermal Wipe	Solid Food	Liquid Food	Urine
Phthalates								
Benzylbutylphthalate	24	100	5.7	27	43	2.4	3.6	--
Di-n-butylphthalate	99	100	28	21	78	23	23	--
Phenols								
Bisphenol-A	48	12	13	2.2	91	71	30	--
Nonylphenol	6.1	0.0	1.4	0.96	0.45	0.0	1.3	--
Pentachlorophenol	96	88	91	22	22	3.2	0.37	46
PCBs								
PCB 44	46	15	16	1.4	0.45	0.0	0.0	--
PCB 52	91	30	49	2.1	3.1	3.3	0.0	--
PCB 70	35	13	5.7	1.4	0.89	0.0	0.0	--
PCB 77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
PCB 95	52	18	14	1.4	2.2	0.66	0.0	--
PCB 101	36	24	11	2.1	3.6	0.0	0.0	--
PCB 105	4.7	4.3	0.0	2.1	0.45	0.0	0.0	--
PCB 110	35	30	7.9	2.8	5.8	0.0	0.0	--
PCB 118	18	21	4.3	2.1	2.2	0.0	0.0	--
PCB 138	9.5	12	1.4	7.0	0.45	0.0	0.0	--
PCB 153	17	21	1.4	7.0	1.3	0.0	0.0	--
PCB 180	2.0	9.2	0.0	4.9	0.89	0.0	0.0	--
PAH Metabolites Measured in Urine Only								
1-hydroxybenz[*a*]anthracene	--	--	--	--	--	--	--	5.2
3-hydroxychrysene	--	--	--	--	--	--	--	1.1

[a] The percentages were calculated using results from individual samples. Multiple samples for the same person or room were considered as individual samples. The MQL is assumed to equal two times the MDL except as specified in Section 9.2. Cells corresponding to pollutants having at least 50% of samples above the MQL in the specified matrix are shaded in gray.
[b] In addition to the pollutants represented in this table, atrazine was measured in drinking water samples. Twenty-two percent of NC drinking water samples had atrazine levels at or above the MQL.
[c] A dash indicates that the pollutant was not measured in the specified matrix.

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Table H-2 Percentages of OH Samples With Pollutant and Metabolite Levels At or Above the MQL in Multimedia and Urine Samples[a]

Pollutant/Metabolite[b]	Percentage of Results At or Above the MQL in Multimedia and Urine Samples							
	INDOORS		OUTDOORS		PERSONAL			
	Indoor Air	Dust	Outdoor Air	Soil	Dermal Wipe	Solid Food	Liquid Food	Urine
OP Pesticides and Metabolites								
Chlorpyrifos	99	97	59	34	56	57	5.8	–[c]
Diazinon	97	90	47	24	26	9.1	0.0	--
IMP	94	77	72	27	9.8	72	13	–[d]
3,5,6-TCP	96	99	62	64	71	97	18	80
OC Pesticides								
Aldrin	2.7	3.5	1.4	2.1	0.45	0.65	0.65	--
alpha-Chlordane	71	66	27	38	17	0.65	0.0	--
gamma-Chlordane	83	69	31	31	17	0.0	0.0	--
p,p'-DDE	22	43	0.0	30	0.45	55	3.9	--
p,p'-DDT	18	38	0.0	27	3.1	4.5	1.9	--
Dieldrin	11	21	5.6	17	0.45	8.4	0.0	--
Endrin	11	7.0	19	2.8	2.7	1.3	0.0	--
Heptachlor	34	5.6	17	2.1	1.8	6.5	1.3	--
Lindane	4.1	11	3.5	0.0	1.3	3.2	1.3	--
Pentachloronitrobenzene	11	0.70	2.8	0.0	0.45	1.9	0.0	--
Pyrethroid Pesticides and Metabolite								
Cyfluthrin	2.0	70	0.71	13	4.0	0.65	0.65	--
cis-Permethrin	15	100	7.7	5.6	80	28	0.0	--
trans-Permethrin	11	100	4.9	5.8	78	26	0.0	--
3-phenoxybenzoic acid	--	--	--	--	--	--	--	42
Acid Herbicides								
Dicamba	0.0	39	1.5	2.1	0.45	6.4	0.36	--
2,4-D	34	95	21	31	28	23	1.8	80
2,4,5-T	0.0	2.1	0.74	2.8	0.45	0.0	0.36	--
PAHs								
Benz[*a*]anthracene	14	100	10	87	29	4.5	0.0	--
Benzo[*b*]fluoranthene	16	100	22	90	64	13	0.0	--
Benzo[*k*]fluoranthene	5.4	100	4.9	85	39	4.5	0.0	--
Benzo[*ghi*]perylene	15	100	9.8	88	44	3.2	0.0	--
Benzo[*a*]pyrene	9.5	100	3.5	86	39	4.5	0.0	--
Benzo[*e*]pyrene	9.5	100	8.4	89	55	3.8	0.0	--
Chrysene	16	100	23	91	51	5.8	0.0	--
Dibenzo[*a,h*]anthracene	0.68	99	0.0	68	11	1.3	0.0	--
Indeno[1,2,3-*cd*]pyrene	10	100	4.9	87	40	3.2	0.0	--

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Table H-2 Percentages of OH Samples With Pollutant and Metabolite Levels At or Above the MQL in Multimedia and Urine Samples (cont.)

Pollutant/Metabolite [b]	Percentage of Results At or Above the MQL in Multimedia and Urine Samples							
	INDOORS		OUTDOORS		PERSONAL			
	Indoor Air	Dust	Outdoor Air	Soil	Dermal Wipe	Solid Food	Liquid Food	Urine
Phthalates								
Benzylbutylphthalate	16	100	4.2	36	28	48	4.1	--
Di-n-butylphthalate	96	100	33	47	30	21	3.3	--
Phenols								
Bisphenol-A	24	9.4	6.7	0.71	98	81	31	--
Nonylphenol	0.0	3.6	0.0	1.2	0.44	0.0	0.0	--
Pentachlorophenol	87	89	55	47	27	5.3	0.72	79
PCBs								
PCB 44	31	18	15	14	0.45	0.0	--	--
PCB 52	88	38	66	15	2.7	3.2	--	--
PCB 70	35	17	14	14	1.8	0.0	--	--
PCB 77	0.0	0.0	0.0	0.70	0.0	0.0	--	--
PCB 95	63	26	35	18	1.8	0.0	--	--
PCB 101	55	32	25	20	3.6	0.65	--	--
PCB 105	5.4	13	2.1	15	0.89	0.0	--	--
PCB 110	44	40	20	25	4.5	0.65	--	--
PCB 118	22	30	8.5	20	2.2	0.0	--	--
PCB 138	9.5	20	2.8	25	0.45	0.0	--	--
PCB 153	17	30	1.4	25	0.45	0.0	--	--
PCB 180	2.7	9.1	0.0	13	0.45	0.0	--	--
PAH Metabolites Measured in Urine Only								
1-hydroxybenz[*a*]anthracene	--	--	--	--	--	--	--	4.3
3-hydroxybenz[*a*]anthracene	--	--	--	--	--	--	--	0.68
3-hydroxybenzo[*a*]pyrene	--	--	--	--	--	--	--	0.0
3-hydroxychrysene	--	--	--	--	--	--	--	0.45
6-hydroxychrysene	--	--	--	--	--	--	--	0.0
6-hydroxy indeno[1,2,3-*cd*]pyrene	--	--	--	--	--	--	--	0.0
1-hydroxypyrene	--	--	--	--	--	--	--	40

[a] The percentages were calculated using results from individual samples. Multiple samples for the same person or room were considered as individual samples. The MQL is assumed to equal two times the MDL except as specified in Section 9.2. Cells corresponding to pollutants having at least 50% of samples above the MQL in the specified matrix are shaded in gray.
[b] In addition to the pollutants represented in this table, atrazine was measured in drinking water samples. Fifty-seven percent of OH drinking water samples had atrazine levels at or above the MQL.
[c] A dash indicates that the pollutant was not measured in the specified matrix.
[d] Low recovery (<10%) of IMP was observed in matrix spikes, and therefore, IMP was not quantifiable in urine samples.

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Table H-3 Percentages of NC and OH Samples With With Pollutant and Metabolite Levels At or Above the MQL in Surface Samples [a]

Pollutant/Metabolite	Percentage of Results At or Above the MQL in Samples Collected From Homes After Recent Pesticide Applications					
	North Carolina			Ohio		
	Hard Floor Surface Wipe	Food Prep. Surface Wipe	Trans. Residue (PUF)	Hard Floor Surface Wipe	Food Prep. Surface Wipe	Trans. Residue (PUF)
OP Pesticides and Metabolites						
Chlorpyrifos	88	83	94	54	38	62
Diazinon	44	56	61	19	23	46
IMP	--[b]	--	--	25	0.0	0.0
3,5,6-TCP	100	--	--	33	0.0	33
OC Pesticides						
Aldrin	9.4	5.6	11	3.8	0.0	0.0
alpha-Chlordane	44	44	28	15	15	0.0
gamma-Chlordane	44	50	44	15	15	0.0
p,p'-DDE	9.4	5.6	17	7.7	0.0	0.0
p,p'-DDT	19	17	28	19	7.7	0.0
Dieldrin	25	17	22	3.8	0.0	23
Endrin	13	28	11	0.0	0.0	7.7
Heptachlor	34	33	28	3.8	0.0	0.0
Lindane	6.3	0.0	28	0.0	0.0	0.0
Pentachloronitrobenzene	0.0	0.0	0.0	0.0	0.0	0.0
Pyrethroid Pesticides						
Cyfluthrin	6.3	0.0	78	7.7	0.0	0.0
cis-Permethrin	94	83	83	65	31	69
trans-Permethrin	94	83	83	65	31	69
Acid Herbicides						
Dicamba	0.0	--	--	0.0	0.0	0.0
2,4-D	7.1	--	--	25	0.0	33
2,4,5-T	0.0	--	--	0.0	0.0	0.0
PAHs						
Benz[*a*]anthracene	53	22	89	77	7.7	46
Benzo[*b*]fluoranthene	78	33	67	92	31	77
Benzo[*k*]fluoranthene	47	17	56	77	7.7	54
Benzo[*ghi*]perylene	53	17	61	85	15	69
Benzo[*a*]pyrene	56	17	56	77	7.7	62
Benzo[*e*]pyrene	59	17	61	88	23	69
Chrysene	78	17	72	92	23	62
Dibenzo[*a,h*]anthracene	25	0.0	11	35	0.0	7.7
Indeno[1,2,3-*cd*]pyrene	59	17	50	88	23	54

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Table H-3 Percentages of NC and OH Samples With With Pollutant and Metabolite Levels At or Above the MQL in Surface Samples [a] (cont.)

Pollutant/Metabolite	Percentage of Results At or Above the MQL in Samples Collected From Homes After Recent Pesticide Applications					
	North Carolina			Ohio		
	Hard Floor Surface Wipe	Food Prep. Surface Wipe	Trans. Residue (PUF)	Hard Floor Surface Wipe	Food Prep. Surface Wipe	Trans. Residue (PUF)
Phthalates						
Benzylbutylphthalate	97	44	100	58	31	100
Di-n-butylphthalate	100	72	100	62	77	100
Phenols						
Bisphenol-A	66	83	94	96	85	71
Nonylphenol	0.0	0.0	6.3	0.0	0.0	8.3
Pentachlorophenol	36	--	--	8.3	0.0	33
PCBs						
PCB 44	3.1	11	11	0.0	0.0	15
PCB 52	13	17	6.3	0.0	0.0	42
PCB 70	6.3	11	11	3.8	0.0	23
PCB 77	0.0	0.0	0.0	0.0	0.0	0.0
PCB 95	9.4	11	13	0.0	0.0	31
PCB 101	6.3	11	20	3.8	0.0	31
PCB 105	0.0	0.0	22	0.0	0.0	7.7
PCB 110	9.4	11	10	3.8	0.0	23
PCB 118	9.4	5.6	33	3.8	0.0	23
PCB 138	3.1	0.0	0.0	0.0	0.0	0.0
PCB 153	3.1	5.6	11	3.8	0.0	23
PCB 180	0.0	0.0	5.6	0.0	0.0	0.0

[a] The percentages were calculated using results from individual samples. Multiple samples for the same person or room were considered as individual samples. The MQL is assumed to equal two times the MDL except as specified in Section 9.2. Cells corresponding to pollutants having at least 50% of samples above the MQL in the specified matrix are shaded in gray.
[b] A dash indicates that the pollutant was not measured in the specified matrix.

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Appendix I

Descriptive Statistics of CTEPP Pollutant/Metabolite Measurements in NC Multimedia Samples

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This appendix contains tables of descriptive statistics of NC multimedia data for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers	Pollutant/Metabolite	Table Numbers
Aldrin	Tables I-1a, I-1b	Endrin	Tables I-24a, I-24b
Atrazine	Tables I-2a, I-2b	Heptachlor	Tables I-25a, I-25b
Benz[*a*]anthracene	Tables I-3a, I-3b	Indeno[1,2,3-*cd*]pyrene	Tables I-26a, I-26b
Benzo[*b*]fluoranthene	Tables I-4a, I-4b	Lindane	Tables I-27a, I-27b
Benzo[*k*]fluoranthene	Tables I-5a, I-5b	Nonylphenol	Tables I-28a, I-28b
Benzo[*ghi*]perylene	Tables I-6a, I-6b	Pentachloronitrobenzene	Tables I-29a, I-29b
Benzo[*a*]pyrene	Tables I-7a, I-7b	Pentachlorophenol	Tables I-30a, I-30b
Benzo[*e*]pyrene	Tables I-8a, I-8b	*cis*-Permethrin	Tables I-31a, I-31b
Benzylbutylphthalate	Tables I-9a, I-9b	*trans*-Permethrin	Tables I-32a, I-32b
Bisphenol-A	Tables I-10a, I-10b	PCB 44	Tables I-33a, I-33b
alpha-Chlordane	Tables I-11a, I-11b	PCB 52	Tables I-34a, I-34b
gamma-Chlordane	Tables I-12a, I-12b	PCB 70	Tables I-35a, I-35b
Chlorpyrifos	Tables I-13a, I-13b	PCB 77	Tables I-36a, I-36b
Chrysene	Tables I-14a, I-14b	PCB 95	Tables I-37a, I-37b
Cyfluthrin	Tables I-15a, I-15b	PCB 101	Tables I-38a, I-38b
Diazinon	Tables I-16a, I-16b	PCB 105	Tables I-39a, I-39b
Dibenzo[*a,h*]anthracene	Tables I-17a, I-17b	PCB 110	Tables I-40a, I-40b
Di-*n*-butylphthalate	Tables I-18a, I-18b	PCB 118	Tables I-41a, I-41b
Dicamba	Tables I-19a, I-19b	PCB 138	Tables I-42a, I-42b
p,p'-DDE	Tables I-20a, I-20b	PCB 153	Tables I-43a, I-43b
p,p'-DDT	Tables I-21a, I-21b	PCB 180	Tables I-44a, I-44b
2,4-D	Tables I-22a, I-22b	2,4,5-T	Tables I-45a, I-45b
Dieldrin	Tables I-23a, I-23b	3,5,6-TCP	Tables I-46a, I-46b

For each media type, descriptive statistics are presented separately for the following four groups of samples:

- Samples collected at the homes of study participants
  - Samples collected at the homes of stay-at-home children only
  - Samples collected at the homes of day-care children only
- Samples collected at participating day care centers

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Table I-1a. Aldrin (309-00-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	38.3	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	62	40.3	--	--	--	--
	Day care children - *at day care*	20	55.0	5.37	9.87	0.638	2.42
Outdoor Air (ng/m^3)	All children - *at home*	127	9.4	--	--	--	--
	Home children - *at home*	65	7.7	--	--	--	--
	Day care children - *at home*	62	11.3	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	15.7	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	15.7	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	10.7	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	16.7	--	--	--	--
	Day care children - *at day care*	1	100.0	22.1	.	22.1	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	5.6	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	11.1	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	1.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	30	3.3	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	2.3	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	4.8	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-1b. Aldrin (309-00-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	1.15	9.90	413
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.770	2.21	9.90
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	2.09	31.2	413
	Day care Children - *at day care*	20	<MDL	<MDL	0.815	4.86	29.5	35.0
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.270	2.90
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.160	2.90
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.270	1.10
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	35.4	276
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	34.0	229
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	59.3	276
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	1,410	2,440
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	119	950
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	32.1	344
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	462	950
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	12,000	15,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	36.8	117
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	117	117
	Day care Children - *at day care*	1	22.1	22.1	22.1	22.1	22.1	22.1
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	64.5	64.5
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	64.5	64.5
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	166	166
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	166	166
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	151
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	151
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	1,680
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	62.3	985
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	985
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	388	419
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	0.170
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-2a. Atrazine (1912-24-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Drinking Water (ng/mL)	All children - *at home*	124	37.1	--	--	--	--
	Home children - *at home*	64	23.4	--	--	--	--
	Day care children - *at home*	60	51.7	0.018	0.018	0.013	0.719
	Day care children - *at day care*	12	41.7	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-2b. Atrazine (1912-24-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Drinking Water (ng/mL)	All Children - *at home*	124	<MDL	<MDL	<MDL	0.016	0.034	0.092
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	0.030	0.034
	Day care Children - *at home*	60	<MDL	<MDL	0.010	0.024	0.060	0.092
	Day care Children - *at day care*	12	<MDL	<MDL	<MDL	0.022	0.043	0.043

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table I-3a. Benz[*a*]anthracene (56-55-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	49.2	--	--	--	--
	Home children - *at home*	66	51.5	0.255	0.452	0.135	0.970
	Day care children - *at home*	62	46.8	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	51.2	0.233	0.600	0.117	0.917
	Home children - *at home*	65	58.5	0.238	0.467	0.132	0.917
	Day care children - *at home*	62	43.5	--	--	--	--
	Day care children - *at day care*	13	69.2	0.127	0.174	0.079	0.859
Soil (ng/g)	All children - *at home*	128	72.7	42.0	186	2.26	2.00
	Home children - *at home*	65	76.9	17.8	82.9	1.92	1.72
	Day care children - *at home*	63	68.3	67.0	250	2.66	2.26
	Day care children - *at day care*	13	76.9	20.4	46.5	4.43	1.87
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	343	886	135	1.14
	Home children - *at home*	63	100.0	248	455	132	0.991
	Day care children - *at home*	55	100.0	453	1,200	137	1.30
	Day care children - *at day care*	20	100.0	1,180	4,160	237	1.27
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	652	2,580	145	1.53
	Home children - *at home*	63	100.0	334	537	133	1.51
	Day care children - *at home*	55	100.0	1,020	3,720	160	1.55
	Day care children - *at day care*	20	100.0	2,450	4,840	1,050	1.21
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	75.0	429	1,770	25.0	1.84
	Home children - *at home*	10	60.0	11.4	9.11	9.04	0.684
	Day care children - *at home*	18	83.3	661	2,200	43.9	2.04
	Day care children - *at day care*	1	100.0	7.24	.	7.24	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	33.3	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	37.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	94.4	213	313	87.8	1.55
	Home children - *at home*	10	100.0	197	194	117	1.19
	Day care children - *at home*	8	87.5	234	435	61.6	1.93
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	38.5	--	--	--	--
	Home children - *at home*	66	40.9	--	--	--	--
	Day care children - *at home*	30	33.3	--	--	--	--
	Day care children - *at day care*	31	32.3	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	40.2	--	--	--	--
	Home children - *at home*	66	43.9	--	--	--	--
	Day care children - *at home*	31	32.3	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	32.0	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	62	27.4	--	--	--	--
	Day care children - *at day care*	24	25.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	65	1.5	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-3b. Benz[a]anthracene (56-55-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.215	0.750	3.14
	Home Children - *at home*	66	<MDL	<MDL	0.095	0.230	1.02	3.14
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.180	0.550	0.800
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.110	0.905	1.65
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.090	0.210	0.710	5.66
	Home Children - *at home*	65	<MDL	<MDL	0.090	0.230	0.840	3.59
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.130	0.660	5.66
	Day care Children - *at day care*	13	<MDL	<MDL	0.060	0.060	0.630	0.630
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.38	5.07	138	1,650
	Home Children - *at home*	65	<MDL	0.500	1.32	4.11	63.0	661
	Day care Children - *at home*	63	<MDL	<MDL	1.41	11.7	413	1,650
	Day care Children - *at day care*	13	<MDL	2.48	3.64	13.1	172	172
Indoor Floor Dust (ng/g)	All Children - *at home*	118	19.5	60.1	120	225	1,750	7,850
	Home Children - *at home*	63	22.1	70.4	127	214	681	2,610
	Day care Children - *at home*	55	19.5	59.3	94.3	256	2,380	7,850
	Day care Children - *at day care*	20	43.6	117	201	339	9,770	18,800
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	3.09	57.3	141	348	1,900	22,300
	Home Children - *at home*	63	3.09	61.5	148	352	1,620	2,900
	Day care Children - *at home*	55	20.3	48.3	129	342	4,040	22,300
	Day care Children - *at day care*	20	169	386	983	2,100	14,100	22,100
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	15.4	59.6	1,710	9,320
	Home Children - *at home*	10	<MDL	<MDL	7.97	14.6	32.0	32.0
	Day care Children - *at home*	18	<MDL	10.7	29.0	68.3	9,320	9,320
	Day care Children - *at day care*	1	7.24	7.24	7.24	7.24	7.24	7.24
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	12.8	55.8	55.8
	Home Children - *at home*	10	<MDL	<MDL	<MDL	14.6	55.8	55.8
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	12.6	21.6	21.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	48.1	107	228	1,290	1,290
	Home Children - *at home*	10	12.3	48.1	134	355	576	576
	Day care Children - *at home*	8	<MDL	29.6	70.7	186	1,290	1,290
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	62.0	480	1,770
	Home Children - *at home*	66	<MDL	<MDL	<MDL	87.1	480	1,770
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	42.1	279	1,250
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	61.5	2,100	2,270
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	41.0	237	441
	Home Children - *at home*	66	<MDL	<MDL	<MDL	42.6	275	441
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	29.3	127	139
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.090	0.467	1.64
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.090	0.450	0.640
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.080	0.467	1.64
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.130	0.130
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.030
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-4a. Benzo[*b*]fluoranthene (205-99-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	60.2	0.276	0.326	0.161	1.00
	Home children - *at home*	66	57.6	0.264	0.338	0.156	0.973
	Day care children - *at home*	62	62.9	0.288	0.316	0.168	1.04
	Day care children - *at day care*	20	65.0	0.188	0.189	0.132	0.817
Outdoor Air (ng/m^3)	All children - *at home*	127	67.7	0.366	0.463	0.200	1.09
	Home children - *at home*	65	69.2	0.416	0.508	0.226	1.12
	Day care children - *at home*	62	66.1	0.313	0.409	0.176	1.05
	Day care children - *at day care*	13	69.2	0.259	0.357	0.138	1.08
Soil (ng/g)	All children - *at home*	128	77.3	61.2	237	3.73	2.13
	Home children - *at home*	65	76.9	28.4	106	3.27	1.91
	Day care children - *at home*	63	77.8	95.2	318	4.28	2.34
	Day care children - *at day care*	13	76.9	38.9	90.1	7.03	2.10
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	947	2,670	353	1.15
	Home children - *at home*	63	100.0	549	922	325	0.947
	Day care children - *at home*	55	100.0	1,400	3,750	387	1.35
	Day care children - *at day care*	20	100.0	2,330	7,670	575	1.22
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	1,840	7,360	380	1.56
	Home children - *at home*	63	100.0	854	1,260	328	1.56
	Day care children - *at home*	55	100.0	2,960	10,600	451	1.55
	Day care children - *at day care*	20	100.0	6,590	14,400	2,550	1.25
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	75.0	611	2,470	48.7	1.92
	Home children - *at home*	10	50.0	21.8	23.2	12.8	1.10
	Day care children - *at home*	18	88.9	938	3,060	102	1.90
	Day care children - *at day care*	1	100.0	34.8	.	34.8	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	33.3	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	88.9	131	24.8	1.81
	Home children - *at home*	10	60.0	97.4	162	20.8	1.96
	Day care children - *at home*	8	75.0	78.4	87.1	30.8	1.72
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	28.1	--	--	--	--
	Home children - *at home*	66	27.3	--	--	--	--
	Day care children - *at home*	30	30.0	--	--	--	--
	Day care children - *at day care*	31	48.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	28.9	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	31	35.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	32.8	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	62	29.0	--	--	--	--
	Day care children - *at day care*	24	25.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-4b. Benzo[*b*]fluoranthene (205-99-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.130	0.355	0.910	1.75
	Home Children - *at home*	66	<MDL	<MDL	0.120	0.310	0.840	1.75
	Day care Children - *at home*	62	<MDL	<MDL	0.135	0.420	0.910	1.56
	Day care Children - *at day care*	20	<MDL	<MDL	0.109	0.235	0.640	0.820
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.190	0.520	1.08	2.43
	Home Children - *at home*	65	<MDL	<MDL	0.200	0.530	1.52	2.43
	Day care Children - *at home*	62	<MDL	<MDL	0.150	0.450	0.800	2.14
	Day care Children - *at day care*	13	<MDL	<MDL	0.110	0.200	1.13	1.13
Soil (ng/g)	All Children - *at home*	128	<MDL	0.645	2.97	11.5	213	1,860
	Home Children - *at home*	65	<MDL	0.870	2.64	8.51	123	818
	Day care Children - *at home*	63	<MDL	0.630	3.15	16.6	683	1,860
	Day care Children - *at day care*	13	<MDL	3.26	9.42	16.5	332	332
Indoor Floor Dust (ng/g)	All Children - *at home*	118	31.4	150	304	633	3,370	20,500
	Home Children - *at home*	63	31.4	183	294	577	1,170	6,710
	Day care Children - *at home*	55	58.8	145	314	691	8,220	20,500
	Day care Children - *at day care*	20	142	248	501	841	18,500	34,800
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	7.38	143	396	886	4,990	65,100
	Home Children - *at home*	63	7.38	139	363	901	4,650	5,150
	Day care Children - *at home*	55	42.1	143	418	810	19,100	65,100
	Day care Children - *at day care*	20	408	927	2,260	5,250	41,700	65,700
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	45.2	148	1,720	13,100
	Home Children - *at home*	10	<MDL	<MDL	<MDL	38.6	73.8	73.8
	Day care Children - *at home*	18	<MDL	43.4	69.3	175	13,100	13,100
	Day care Children - *at day care*	1	34.8	34.8	34.8	34.8	34.8	34.8
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	19.3	73.2	73.2
	Home Children - *at home*	10	<MDL	<MDL	<MDL	20.5	73.2	73.2
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	55.8	55.8
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	22.8	134	419	419
	Home Children - *at home*	10	<MDL	<MDL	16.4	72.8	419	419
	Day care Children - *at home*	8	<MDL	<MDL	36.3	159	217	217
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	73.2	809	6,810
	Home Children - *at home*	66	<MDL	<MDL	<MDL	68.4	348	3,490
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	207	866	6,810
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	142	7,700	10,800
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	21.1	275	731
	Home Children - *at home*	66	<MDL	<MDL	<MDL	15.4	326	731
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	42.4	110	275
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.090	0.270	0.610
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.100	0.240	0.420
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.090	0.370	0.610
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.140	0.230
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-5a. Benzo[*k*]fluoranthene (207-08-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	43.8	--	--	--	--
	Home children - *at home*	66	39.4	--	--	--	--
	Day care children - *at home*	62	48.4	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	51.2	0.142	0.162	0.104	0.705
	Home children - *at home*	65	55.4	0.170	0.202	0.118	0.766
	Day care children - *at home*	62	46.8	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Soil (ng/g)	All children - *at home*	128	70.3	25.8	107	1.77	1.87
	Home children - *at home*	65	73.8	13.8	64.0	1.58	1.66
	Day care children - *at home*	63	66.7	38.2	138	1.99	2.06
	Day care children - *at day care*	13	76.9	14.3	31.7	3.48	1.75
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	327	914	123	1.14
	Home children - *at home*	63	100.0	208	363	118	0.962
	Day care children - *at home*	55	100.0	464	1,270	129	1.32
	Day care children - *at day care*	20	100.0	817	2,730	192	1.25
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	673	2,880	132	1.56
	Home children - *at home*	63	100.0	293	431	119	1.51
	Day care children - *at home*	55	100.0	1,110	4,160	150	1.61
	Day care children - *at day care*	20	100.0	2,170	4,520	852	1.24
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	71.4	229	931	20.2	1.66
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	18	88.9	349	1,150	32.5	1.84
	Day care children - *at day care*	1	100.0	8.07	.	8.07	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	30.5	39.4	13.1	1.38
	Home children - *at home*	10	60.0	30.1	47.5	11.1	1.44
	Day care children - *at home*	8	75.0	30.9	29.7	16.1	1.37
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	27.1	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	30	30.0	--	--	--	--
	Day care children - *at day care*	31	48.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	22.7	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	31	29.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	17.2	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	62	14.5	--	--	--	--
	Day care children - *at day care*	24	12.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-5b. Benzo[*k*]fluoranthene (207-08-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.110	0.320	0.550
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.100	0.330	0.550
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.120	0.280	0.500
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.090	0.180	0.180
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.090	0.150	0.450	1.33
	Home Children - *at home*	65	<MDL	<MDL	0.100	0.180	0.490	1.33
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.120	0.280	0.640
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.070	0.400	0.400
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1	3.89	72.7	795
	Home Children - *at home*	65	<MDL	<MDL	1.05	2.88	48.3	510
	Day care Children - *at home*	63	<MDL	<MDL	0.870	6.13	215	795
	Day care Children - *at day care*	13	<MDL	1.45	3.73	8.42	117	117
Indoor Floor Dust (ng/g)	All Children - *at home*	118	7.44	54.3	106	223	1,520	7,810
	Home Children - *at home*	63	7.44	57.9	120	194	480	2,350
	Day care Children - *at home*	55	20.0	49.1	91.5	245	2,830	7,810
	Day care Children - *at day care*	20	40.1	87.4	177	291	6,520	12,400
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	2.08	48.4	123	307	1,760	26,200
	Home Children - *at home*	63	2.08	51.6	122	328	1,560	2,050
	Day care Children - *at home*	55	18.4	45.6	124	307	5,220	26,200
	Day care Children - *at day care*	20	165	301	768	1,750	13,600	20,300
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	11.7	36.0	715	4,920
	Home Children - *at home*	10	<MDL	<MDL	<MDL	13.1	34.5	34.5
	Day care Children - *at home*	18	<MDL	8.90	21.4	51.1	4,920	4,920
	Day care Children - *at day care*	1	8.07	8.07	8.07	8.07	8.07	8.07
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	7.38	27.0	27.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	11.1	27.0	27.0
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	19.6	19.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	10.9	59.2	144	144
	Home Children - *at home*	10	<MDL	<MDL	7.31	24.0	144	144
	Day care Children - *at home*	8	<MDL	<MDL	20.3	63.7	68.3	68.3
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	40.8	213	2,240
	Home Children - *at home*	66	<MDL	<MDL	<MDL	40.4	112	1,540
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	70.9	293	2,240
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	61.3	2,550	3,440
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	78.1	346
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	91.8	346
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	21.6	67.8	78.1
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.120	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.120	0.240
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.110	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.110	0.160
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-6a. Benzo[*ghi*]perylene (191-24-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	62.5	0.243	0.298	0.150	0.927
	Home children - *at home*	66	59.1	0.259	0.354	0.149	0.969
	Day care children - *at home*	62	66.1	0.225	0.225	0.151	0.887
	Day care children - *at day care*	20	65.0	0.124	0.080	0.103	0.622
Outdoor Air (ng/m^3)	All children - *at home*	127	63.8	0.274	0.355	0.160	0.987
	Home children - *at home*	65	69.2	0.339	0.442	0.187	1.05
	Day care children - *at home*	62	58.1	0.206	0.215	0.136	0.894
	Day care children - *at day care*	13	69.2	0.182	0.253	0.109	0.934
Soil (ng/g)	All children - *at home*	128	73.4	30.9	118	2.32	1.93
	Home children - *at home*	65	73.8	16.1	73.0	2.02	1.70
	Day care children - *at home*	63	73.0	46.1	150	2.69	2.15
	Day care children - *at day care*	13	76.9	18.9	45.3	4.06	1.81
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	481	1,320	197	1.07
	Home children - *at home*	63	100.0	309	462	197	0.879
	Day care children - *at home*	55	100.0	679	1,850	199	1.27
	Day care children - *at day care*	20	100.0	1,020	3,020	325	1.15
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	994	4,080	213	1.54
	Home children - *at home*	63	100.0	453	608	198	1.48
	Day care children - *at home*	55	100.0	1,610	5,910	231	1.60
	Day care children - *at day care*	20	100.0	3,520	7,270	1,440	1.21
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	85.7	297	1,270	25.3	1.62
	Home children - *at home*	10	70.0	13.4	12.7	10.1	0.731
	Day care children - *at home*	18	94.4	455	1,570	42.2	1.76
	Day care children - *at day care*	1	100.0	12.1	.	12.1	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	25.2	36.2	12.2	1.22
	Home children - *at home*	10	70.0	27.1	38.2	14.1	1.21
	Day care children - *at home*	8	62.5	22.8	36.1	10.1	1.29
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	44.8	--	--	--	--
	Home children - *at home*	66	39.4	--	--	--	--
	Day care children - *at home*	30	56.7	175	526	61.0	1.11
	Day care children - *at day care*	31	61.3	275	830	66.5	1.23
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	36.1	--	--	--	--
	Home children - *at home*	66	28.8	--	--	--	--
	Day care children - *at home*	31	51.6	28.0	22.9	21.9	0.668
Solid Food (Children) (ng/g)	All children - *at home*	128	1.6	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-6b. Benzo[*ghi*]perylene (191-24-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.130	0.285	0.910	2.15
	Home Children - *at home*	66	<MDL	<MDL	0.115	0.270	0.930	2.15
	Day care Children - *at home*	62	<MDL	<MDL	0.145	0.300	0.680	1.06
	Day care Children - *at day care*	20	<MDL	<MDL	0.100	0.180	0.305	0.320
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.140	0.360	0.870	2.10
	Home Children - *at home*	65	<MDL	<MDL	0.170	0.370	1.52	2.10
	Day care Children - *at home*	62	<MDL	<MDL	0.130	0.270	0.570	1.19
	Day care Children - *at day care*	13	<MDL	<MDL	0.100	0.160	0.950	0.950
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.34	6.07	100	851
	Home Children - *at home*	65	<MDL	<MDL	1.29	5.16	55.9	583
	Day care Children - *at home*	63	<MDL	<MDL	1.47	9.83	340	851
	Day care Children - *at day care*	13	<MDL	1.93	4.85	7.35	167	167
Indoor Floor Dust (ng/g)	All Children - *at home*	118	26.5	91.7	176	334	1,770	9,690
	Home Children - *at home*	63	26.5	104	212	334	696	3,270
	Day care Children - *at home*	55	35.8	78.7	153	343	4,080	9,690
	Day care Children - *at day care*	20	66.4	152	276	536	7,450	13,800
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	3.43	80.4	214	528	2,810	38,700
	Home Children - *at home*	63	3.43	87.7	223	529	1,660	2,970
	Day care Children - *at home*	55	25.2	68.2	186	411	10,300	38,700
	Day care Children - *at day care*	20	246	594	1,220	2,950	21,700	32,800
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	10.0	16.9	40.0	717	6,720
	Home Children - *at home*	10	<MDL	<MDL	9.14	14.8	46.5	46.5
	Day care Children - *at home*	18	<MDL	12.8	32.3	56.5	6,720	6,720
	Day care Children - *at day care*	1	12.1	12.1	12.1	12.1	12.1	12.1
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	63.3	63.3
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	63.3	63.3
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	20.7	20.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	15.9	24.0	132	132
	Home Children - *at home*	10	<MDL	<MDL	21.2	24.0	132	132
	Day care Children - *at home*	8	<MDL	<MDL	8.29	23.8	109	109
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	74.1	286	2,930
	Home Children - *at home*	66	<MDL	<MDL	<MDL	73.3	247	1,650
	Day care Children - *at home*	30	<MDL	<MDL	39.3	129	300	2,930
	Day care Children - *at day care*	31	<MDL	<MDL	59.6	98.0	2,880	3,810
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	26.9	88.0	570
	Home Children - *at home*	66	<MDL	<MDL	<MDL	22.6	76.3	570
	Day care Children - *at home*	31	<MDL	<MDL	17.0	30.2	88.0	97.8
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.460
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-7a. Benzo[*a*]pyrene (50-32-8): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	50.8	0.216	0.263	0.132	0.922
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	62	54.8	0.224	0.264	0.138	0.946
	Day care children - *at day care*	20	45.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	53.5	0.179	0.259	0.115	0.818
	Home children - *at home*	65	56.9	0.218	0.321	0.132	0.892
	Day care children - *at home*	62	50.0	0.139	0.165	0.100	0.711
	Day care children - *at day care*	13	53.8	0.124	0.161	0.081	0.823
Soil (ng/g)	All children - *at home*	128	74.2	42.8	177	2.59	1.99
	Home children - *at home*	65	73.8	22.0	111	2.23	1.76
	Day care children - *at home*	63	74.6	64.2	225	3.02	2.22
	Day care children - *at day care*	13	76.9	22.6	53.9	4.80	1.87
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	509	1,430	197	1.12
	Home children - *at home*	63	100.0	318	485	193	0.933
	Day care children - *at home*	55	100.0	727	2,020	201	1.31
	Day care children - *at day care*	20	100.0	1,270	4,200	318	1.22
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	979	4,080	212	1.50
	Home children - *at home*	63	100.0	434	596	195	1.46
	Day care children - *at home*	55	100.0	1,600	5,910	234	1.55
	Day care children - *at day care*	20	100.0	3,330	6,860	1,410	1.18
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	78.6	407	1,720	24.8	1.76
	Home children - *at home*	10	60.0	13.4	13.1	9.82	0.780
	Day care children - *at home*	18	88.9	626	2,140	41.5	1.95
	Day care children - *at day care*	1	100.0	7.86	.	7.86	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	61.1	60.3	113	14.0	1.71
	Home children - *at home*	10	50.0	59.0	136	11.1	1.72
	Day care children - *at home*	8	75.0	62.0	83.8	18.7	1.77
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	25.0	--	--	--	--
	Home children - *at home*	66	21.2	--	--	--	--
	Day care children - *at home*	30	33.3	--	--	--	--
	Day care children - *at day care*	31	41.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	19.6	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	31	29.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	18.0	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	62	11.3	--	--	--	--
	Day care children - *at day care*	24	8.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-7b. Benzo[*a*]pyrene (50-32-8): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.080	0.265	0.800	1.37
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.240	0.770	1.31
	Day care Children - *at home*	62	<MDL	<MDL	0.110	0.310	0.800	1.37
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.100	0.265	0.350
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.090	0.190	0.520	2.20
	Home Children - *at home*	65	<MDL	<MDL	0.100	0.230	0.670	2.20
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.130	0.390	0.990
	Day care Children - *at day care*	13	<MDL	<MDL	0.070	0.090	0.600	0.600
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.86	7.59	98.1	1,370
	Home Children - *at home*	65	<MDL	<MDL	1.67	5.46	55.1	895
	Day care Children - *at home*	63	<MDL	<MDL	1.97	9.51	508	1,370
	Day care Children - *at day care*	13	<MDL	3.51	5.87	7.90	199	199
Indoor Floor Dust (ng/g)	All Children - *at home*	118	17.1	87.7	175	328	2,350	11,500
	Home Children - *at home*	63	17.1	100	197	310	702	3,080
	Day care Children - *at home*	55	33.1	72.6	139	418	4,000	11,500
	Day care Children - *at day care*	20	60.3	166	268	459	10,000	19,100
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	2.86	81.6	206	475	2,500	36,200
	Home Children - *at home*	63	2.86	88.1	220	500	1,620	2,990
	Day care Children - *at home*	55	24.8	71.5	188	475	9,970	36,200
	Day care Children - *at day care*	20	231	597	1,340	2,510	20,200	31,100
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	9.07	18.3	41.0	1,330	9,100
	Home Children - *at home*	10	<MDL	<MDL	9.07	15.5	45.9	45.9
	Day care Children - *at home*	18	<MDL	13.2	22.2	63.3	9,100	9,100
	Day care Children - *at day care*	1	7.86	7.86	7.86	7.86	7.86	7.86
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	66.4	66.4
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	66.4	66.4
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	25.8	25.8
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	9.49	92.8	439	439
	Home Children - *at home*	10	<MDL	<MDL	<MDL	20.1	439	439
	Day care Children - *at home*	8	<MDL	<MDL	9.98	123	219	219
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	201	2,760
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	179	1,960
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	74.7	323	2,760
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	76.6	3,370	4,160
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	129	621
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	160	621
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	24.4	93.6	129
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.210	1.21
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.210	0.650
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.180	1.21
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.090	0.230
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-8a. Benzo[*e*]pyrene (192-97-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	50.0	0.141	0.128	0.107	0.691
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	62	53.2	0.150	0.141	0.112	0.735
	Day care children - *at day care*	20	45.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	55.9	0.182	0.203	0.124	0.813
	Home children - *at home*	65	60.0	0.214	0.235	0.143	0.855
	Day care children - *at home*	62	51.6	0.148	0.158	0.107	0.745
	Day care children - *at day care*	13	61.5	0.121	0.139	0.084	0.788
Soil (ng/g)	All children - *at home*	128	75.0	32.8	131	2.44	1.93
	Home children - *at home*	65	75.4	16.7	77.7	2.06	1.68
	Day care children - *at home*	63	74.6	49.4	168	2.91	2.15
	Day care children - *at day care*	13	76.9	19.0	44.4	4.16	1.82
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	503	1,430	196	1.10
	Home children - *at home*	63	100.0	310	494	190	0.901
	Day care children - *at home*	55	100.0	723	2,010	203	1.29
	Day care children - *at day care*	20	100.0	1,190	3,830	317	1.20
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	1,030	4,150	211	1.55
	Home children - *at home*	63	100.0	461	658	191	1.50
	Day care children - *at home*	55	100.0	1,670	6,000	237	1.61
	Day care children - *at day care*	20	100.0	3,480	7,210	1,410	1.21
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	85.7	383	1,700	26.9	1.68
	Home children - *at home*	10	70.0	15.5	16.0	11.3	0.781
	Day care children - *at home*	18	94.4	588	2,110	43.7	1.86
	Day care children - *at day care*	1	100.0	14.9	.	14.9	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	40.7	57.8	15.5	1.47
	Home children - *at home*	10	60.0	35.5	64.3	12.5	1.46
	Day care children - *at home*	8	75.0	47.1	52.2	20.5	1.52
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	30.2	--	--	--	--
	Home children - *at home*	66	28.8	--	--	--	--
	Day care children - *at home*	30	33.3	--	--	--	--
	Day care children - *at day care*	31	41.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	26.8	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	31	41.9	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	25.0	--	--	--	--
	Home children - *at home*	66	33.3	--	--	--	--
	Day care children - *at home*	62	16.1	--	--	--	--
	Day care children - *at day care*	24	16.7	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	3.1	--	--	--	--
	Home children - *at home*	65	1.5	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-8b. Benzo[*e*]pyrene (192-97-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.160	0.390	0.780
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.160	0.390	0.590
	Day care Children - *at home*	62	<MDL	<MDL	0.090	0.180	0.380	0.780
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.099	0.220	0.300
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.110	0.210	0.530	1.38
	Home Children - *at home*	65	<MDL	<MDL	0.130	0.270	0.600	1.38
	Day care Children - *at home*	62	<MDL	<MDL	0.077	0.170	0.430	0.830
	Day care Children - *at day care*	13	<MDL	<MDL	0.070	0.090	0.500	0.500
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.52	7.41	91.0	967
	Home Children - *at home*	65	<MDL	0.500	1.48	4.77	56.8	620
	Day care Children - *at home*	63	<MDL	<MDL	1.54	10.8	312	967
	Day care Children - *at day care*	13	<MDL	2.24	5.00	7.56	164	164
Indoor Floor Dust (ng/g)	All Children - *at home*	118	19.3	90.6	179	352	2,060	10,600
	Home Children - *at home*	63	19.3	92.5	199	326	753	3,370
	Day care Children - *at home*	55	33.5	86.0	147	386	4,010	10,600
	Day care Children - *at day care*	20	61.2	144	278	455	9,230	17,400
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	3.53	81.4	192	488	2,630	37,900
	Home Children - *at home*	63	3.53	88.1	200	488	1,930	3,210
	Day care Children - *at home*	55	29.1	76.3	191	493	10,900	37,900
	Day care Children - *at day care*	20	256	502	1,250	2,860	21,900	32,300
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	10.2	15.8	46.1	668	9,030
	Home Children - *at home*	10	<MDL	<MDL	11.6	17.7	58.6	58.6
	Day care Children - *at home*	18	<MDL	11.0	33.4	80.2	9,030	9,030
	Day care Children - *at day care*	1	14.9	14.9	14.9	14.9	14.9	14.9
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	42.5	42.5
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	42.5	42.5
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	27.3	27.3
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	15.1	57.0	212	212
	Home Children - *at home*	10	<MDL	<MDL	11.8	27.8	212	212
	Day care Children - *at home*	8	<MDL	<MDL	16.3	105	120	120
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	66.9	308	3,400
	Home Children - *at home*	66	<MDL	<MDL	<MDL	61.5	197	1,680
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	121	419	3,400
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	95.2	3,650	4,970
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	19.0	110	510
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	103	510
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	29.1	110	269
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.170	0.630
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.090	0.160	0.240
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.200	0.630
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.090	0.160
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.070
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	0.050
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-9a. Benzylbutylphthalate (85-68-7): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	34.4	--	--	--	--
	Home children - *at home*	66	31.8	--	--	--	--
	Day care children - *at home*	62	37.1	--	--	--	--
	Day care children - *at day care*	20	35.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	6.3	--	--	--	--
	Home children - *at home*	65	7.7	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	127	32.3	--	--	--	--
	Home children - *at home*	65	21.5	--	--	--	--
	Day care children - *at home*	62	43.5	--	--	--	--
	Day care children - *at day care*	12	50.0	101	190	30.2	1.55
Indoor Floor Dust (ng/g)	All children - *at home*	119	100.0	38,200	50,600	20,600	1.09
	Home children - *at home*	64	100.0	35,900	46,000	19,500	1.09
	Day care children - *at home*	55	100.0	40,800	55,900	22,000	1.09
	Day care children - *at day care*	20	100.0	66,100	67,000	43,700	0.980
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	100.0	105,000	270,000	20,700	1.81
	Home children - *at home*	64	100.0	89,100	243,000	17,200	1.77
	Day care children - *at home*	55	100.0	123,000	299,000	25,700	1.85
	Day care children - *at day care*	20	100.0	575,000	902,000	194,000	1.69
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	96.4	88,100	106,000	37,100	1.51
	Home children - *at home*	10	100.0	68,600	107,000	27,600	1.40
	Day care children - *at home*	18	94.4	99,000	107,000	43,700	1.58
	Day care children - *at day care*	1	100.0	160,000	.	160,000	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	55.6	6,560	7,370	3,170	1.27
	Home children - *at home*	10	50.0	5,430	6,510	2,730	1.24
	Day care children - *at home*	8	62.5	7,970	8,560	3,830	1.38
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	8	100.0	49,300	51,800	22,400	1.55
	Home children - *at home*	5	100.0	42,400	44,900	20,800	1.49
	Day care children - *at home*	3	100.0	60,800	71,000	25,200	1.98
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	60.4	30,900	42,000	16,100	1.10
	Home children - *at home*	66	50.0	29,000	40,700	14,700	1.12
	Day care children - *at home*	30	83.3	34,900	45,100	19,700	1.04
	Day care children - *at day care*	31	48.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	55.7	13,300	28,200	6,490	1.06
	Home children - *at home*	66	59.1	12,500	15,100	7,180	1.04
	Day care children - *at home*	31	48.4	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	107	2.8	--	--	--	--
	Home children - *at home*	53	3.8	--	--	--	--
	Day care children - *at home*	54	1.9	--	--	--	--
	Day care children - *at day care*	18	5.6	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	116	2.6	--	--	--	--
	Home children - *at home*	60	3.3	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-9b. Benzylbutylphthalate (85-68-7): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	115	338	5,840
	Home Children - *at home*	66	<MDL	<MDL	<MDL	112	338	5,840
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	117	255	928
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	104	252	289
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	112	815
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	123	635
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	815
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	118	118
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	25.2	133	1,050
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	74.1	114
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	37.6	197	1,050
	Day care Children - *at day care*	12	<MDL	<MDL	<MDL	124	671	671
Indoor Floor Dust (ng/g)	All Children - *at home*	119	1,320	8,550	17,300	45,500	144,000	280,000
	Home Children - *at home*	64	1,320	8,460	16,600	35,700	144,000	224,000
	Day care Children - *at home*	55	2,250	10,100	18,100	47,500	135,000	280,000
	Day care Children - *at day care*	20	6,260	20,700	57,600	82,600	212,000	310,000
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	218	6,850	18,600	72,600	727,000	1,950,000
	Home Children - *at home*	64	690	5,020	18,300	49,900	281,000	1,390,000
	Day care Children - *at home*	55	218	9,130	20,000	123,000	727,000	1,950,000
	Day care Children - *at day care*	20	2,300	70,300	137,000	727,000	3,020,000	3,370,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	17,700	26,400	134,000	334,000	351,000
	Home Children - *at home*	10	3,800	9,090	25,800	48,800	334,000	334,000
	Day care Children - *at home*	18	<MDL	20,500	45,500	157,000	351,000	351,000
	Day care Children - *at day care*	1	160,000	160,000	160,000	160,000	160,000	160,000
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	2,100	13,300	19,000	19,000
	Home Children - *at home*	10	<MDL	<MDL	<MDL	10,300	19,000	19,000
	Day care Children - *at home*	8	<MDL	<MDL	3,100	18,000	18,800	18,800
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	8	2,830	6,550	27,900	91,300	140,000	140,000
	Home Children - *at home*	5	2,830	10,200	16,300	90,600	91,900	91,900
	Day care Children - *at home*	3	2,890	2,890	39,600	140,000	140,000	140,000
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	12,100	38,500	114,000	223,000
	Home Children - *at home*	66	<MDL	<MDL	<MDL	42,300	105,000	223,000
	Day care Children - *at home*	30	<MDL	8,890	19,700	35,300	162,000	183,000
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	31,800	122,000	180,000
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	5,140	12,800	44,700	255,000
	Home Children - *at home*	66	<MDL	<MDL	6,980	16,000	44,700	83,400
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	8,140	41,900	255,000
Solid Food (Children) (ng/g)	All Children - *at home*	107	<MDL	<MDL	<MDL	<MDL	<MDL	292
	Home Children - *at home*	53	<MDL	<MDL	<MDL	<MDL	<MDL	239
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	<MDL	<MDL	292
	Day care Children - *at day care*	18	<MDL	<MDL	<MDL	<MDL	117	117
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	116	<MDL	<MDL	<MDL	<MDL	<MDL	217
	Home Children - *at home*	60	<MDL	<MDL	<MDL	<MDL	<MDL	217
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	129
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	158	163
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-10a. Bisphenol-A (80-05-7): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	68.0	4.54	17.3	1.87	1.05
	Home children - *at home*	66	74.2	6.13	23.7	2.07	1.13
	Day care children - *at home*	62	61.3	2.85	4.17	1.68	0.963
	Day care children - *at day care*	20	45.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	30.7	--	--	--	--
	Home children - *at home*	65	33.8	--	--	--	--
	Day care children - *at home*	62	27.4	--	--	--	--
	Day care children - *at day care*	13	38.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	3.2	--	--	--	--
	Home children - *at home*	64	3.1	--	--	--	--
	Day care children - *at home*	62	3.2	--	--	--	--
	Day care children - *at day care*	12	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	25.2	--	--	--	--
	Home children - *at home*	65	18.5	--	--	--	--
	Day care children - *at home*	54	33.3	--	--	--	--
	Day care children - *at day care*	19	52.6	42.9	36.5	30.8	0.852
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	25.2	--	--	--	--
	Home children - *at home*	65	18.5	--	--	--	--
	Day care children - *at home*	54	33.3	--	--	--	--
	Day care children - *at day care*	19	52.6	302	490	133	1.31
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	82.1	1,140	2,040	337	1.57
	Home children - *at home*	10	70.0	193	189	130	0.916
	Day care children - *at home*	18	88.9	1,660	2,400	572	1.63
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	88.9	481	632	275	1.04
	Home children - *at home*	10	90.0	546	739	303	1.10
	Day care children - *at home*	8	87.5	399	505	244	1.03
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	100.0	603	437	446	0.856
	Home children - *at home*	10	100.0	633	458	481	0.815
	Day care children - *at home*	8	100.0	565	437	406	0.952
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	93.8	11,000	25,100	5,010	1.34
	Home children - *at home*	66	92.4	12,800	29,700	5,580	1.38
	Day care children - *at home*	30	96.7	7,230	8,470	3,940	1.24
	Day care children - *at day care*	31	100.0	24,200	17,700	14,100	1.32
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	92.8	10,300	47,000	3,400	1.36
	Home children - *at home*	66	97.0	5,680	4,540	3,890	1.04
	Day care children - *at home*	31	83.9	20,000	82,900	2,560	1.87
Solid Food (Children) (ng/g)	All children - *at home*	129	89.1	11.1	26.0	4.22	1.29
	Home children - *at home*	66	89.4	6.72	7.72	3.74	1.14
	Day care children - *at home*	63	88.9	15.8	36.0	4.80	1.44
	Day care children - *at day care*	24	83.3	8.53	16.0	3.36	1.31
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	79.5	1.08	2.38	0.389	1.47
	Home children - *at home*	65	87.7	1.01	2.10	0.467	1.25
	Day care children - *at home*	62	71.0	1.15	2.66	0.321	1.66
	Day care children - *at day care*	24	79.2	2.41	3.18	0.757	1.93
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-10b. Bisphenol-A (80-05-7): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	1.82	3.20	11.1	193
	Home Children - *at home*	66	<MDL	<MDL	1.61	4.02	12.6	193
	Day care Children - *at home*	62	<MDL	<MDL	1.98	2.94	9.62	28.4
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	1.61	7.34	8.99
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	1.03	2.59	44.6
	Home Children - *at home*	65	<MDL	<MDL	<MDL	1.31	4.96	44.6
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.870	2.32	4.12
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	1.48	51.5	51.5
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	293
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	293
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	19.5
	Day care Children - *at day care*	12	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	<MDL	<MDL	35.9	236	707
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	236	707
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	40.7	177	236
	Day care Children - *at day care*	19	<MDL	<MDL	30.8	61.2	156	156
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	<MDL	<MDL	64.3	225	433
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	175	265
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	64.3	357	433
	Day care Children - *at day care*	19	<MDL	<MDL	120	253	1,820	1,820
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	112	214	1,130	6,010	8,710
	Home Children - *at home*	10	<MDL	<MDL	117	281	592	592
	Day care Children - *at home*	18	<MDL	150	728	1,790	8,710	8,710
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	158	255	401	2,490	2,490
	Home Children - *at home*	10	<MDL	165	277	434	2,490	2,490
	Day care Children - *at home*	8	<MDL	135	255	376	1,610	1,610
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	85.7	270	408	1,100	1,280	1,280
	Home Children - *at home*	10	121	270	387	1,100	1,280	1,280
	Day care Children - *at home*	8	85.7	258	437	901	1,240	1,240
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	2,770	6,940	11,200	28,000	241,000
	Home Children - *at home*	66	<MDL	3,070	7,770	11,700	28,000	241,000
	Day care Children - *at home*	30	<MDL	1,950	5,270	8,530	19,300	42,600
	Day care Children - *at day care*	31	755	4,150	27,600	37,900	53,600	57,400
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	1,910	4,200	7,840	16,400	466,000
	Home Children - *at home*	66	<MDL	2,110	4,530	8,300	12,700	26,100
	Day care Children - *at home*	31	<MDL	757	3,170	7,750	22,100	466,000
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	1.49	4.32	9.94	33.2	192
	Home Children - *at home*	66	<MDL	1.42	4.20	9.00	24.1	35.4
	Day care Children - *at home*	63	<MDL	1.50	4.64	11.1	52.2	192
	Day care Children - *at day care*	24	<MDL	1.16	3.63	7.17	42.0	71.4
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	0.370	0.450	0.730	3.98	17.0
	Home Children - *at home*	65	<MDL	0.380	0.470	0.640	3.51	15.3
	Day care Children - *at home*	62	<MDL	<MDL	0.415	0.810	4.67	17.0
	Day care Children - *at day care*	24	<MDL	0.360	0.790	3.96	5.84	14.1
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-11a. *alpha*-Chlordane (5103-71-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	98.4	4.21	9.15	1.17	1.55
	Home children - *at home*	66	97.0	4.13	8.90	1.08	1.65
	Day care children - *at home*	62	100.0	4.29	9.48	1.27	1.44
	Day care children - *at day care*	20	100.0	2.71	4.79	0.837	1.50
Outdoor Air (ng/m^3)	All children - *at home*	127	50.4	0.223	0.456	0.117	0.899
	Home children - *at home*	65	40.0	--	--	--	--
	Day care children - *at home*	62	61.3	0.274	0.582	0.132	0.966
	Day care children - *at day care*	13	84.6	8.54	29.9	0.262	2.01
Soil (ng/g)	All children - *at home*	129	29.5	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	63	39.7	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	95.0	97.0	260	27.2	1.45
	Home children - *at home*	66	92.4	88.2	142	32.4	1.44
	Day care children - *at home*	55	98.2	108	355	22.1	1.46
	Day care children - *at day care*	20	100.0	197	312	60.9	1.62
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	95.0	201	513	28.3	2.04
	Home children - *at home*	66	92.4	271	645	30.7	2.23
	Day care children - *at home*	55	98.2	117	264	25.7	1.78
	Day care children - *at day care*	20	100.0	1,670	2,580	270	2.19
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	64.3	91.0	352	16.6	1.41
	Home children - *at home*	10	60.0	24.4	22.0	15.0	1.10
	Day care children - *at home*	18	66.7	128	439	17.5	1.58
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	55.6	50.5	103	16.2	1.41
	Home children - *at home*	10	60.0	64.9	130	20.1	1.50
	Day care children - *at home*	8	50.0	32.5	58.0	12.3	1.32
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	44.4	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	50.0	7.10	5.37	5.65	0.705
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	51.0	127	241	61.6	1.02
	Home children - *at home*	66	45.5	--	--	--	--
	Day care children - *at home*	30	63.3	146	251	72.5	1.06
	Day care children - *at day care*	31	64.5	89.8	134	55.8	0.836
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	64.9	90.7	210	35.8	1.15
	Home children - *at home*	66	60.6	97.7	239	34.6	1.19
	Day care children - *at home*	31	74.2	75.7	130	38.4	1.07
Solid Food (Children) (ng/g)	All children - *at home*	129	17.1	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	63	20.6	--	--	--	--
	Day care children - *at day care*	24	12.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	4.8	--	--	--	--
	Home children - *at home*	64	4.7	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	22	9.1	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-11b. *alpha*-Chlordane (5103-71-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	0.410	0.885	3.12	24.6	54.7
	Home Children - *at home*	66	<MDL	0.350	0.720	4.13	13.6	54.7
	Day care Children - *at home*	62	0.090	0.590	0.915	2.73	24.6	49.0
	Day care Children - *at day care*	20	0.140	0.255	0.510	2.63	15.7	17.7
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.080	0.170	1.19	3.74
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.140	1.10	1.36
	Day care Children - *at home*	62	<MDL	<MDL	0.100	0.180	1.47	3.74
	Day care Children - *at day care*	13	<MDL	0.100	0.150	0.360	108	108
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	0.710	16.2	2,670
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	3.33	2,670
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	1.58	22.7	46.2
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.740	11.9	11.9
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	8.78	22.0	69.0	401	2,010
	Home Children - *at home*	66	<MDL	11.3	24.9	91.8	401	749
	Day care Children - *at home*	55	<MDL	8.00	16.6	40.5	452	2,010
	Day care Children - *at day care*	20	4.61	26.1	43.0	253	987	1,080
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	5.34	25.9	115	1,040	3,090
	Home Children - *at home*	66	<MDL	4.52	34.4	177	2,030	3,090
	Day care Children - *at home*	55	<MDL	5.91	23.9	99.2	538	1,540
	Day care Children - *at day care*	20	10.9	36.8	187	3,090	6,530	6,630
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	10.8	46.1	111	1,880
	Home Children - *at home*	10	<MDL	<MDL	16.1	41.7	62.5	62.5
	Day care Children - *at home*	18	<MDL	<MDL	9.83	55.5	1,880	1,880
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	10.8	38.5	427	427
	Home Children - *at home*	10	<MDL	<MDL	19.5	38.5	427	427
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	29.8	172	172
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	9.82	173	173
	Home Children - *at home*	10	<MDL	<MDL	<MDL	9.82	173	173
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	10.2	17.3	17.3
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	38.5	111	592	1,560
	Home Children - *at home*	66	<MDL	<MDL	<MDL	87.7	414	1,560
	Day care Children - *at home*	30	<MDL	<MDL	70.2	114	610	1,260
	Day care Children - *at day care*	31	<MDL	<MDL	47.7	79.3	335	700
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	28.0	61.0	404	1,580
	Home Children - *at home*	66	<MDL	<MDL	23.2	61.0	404	1,580
	Day care Children - *at home*	31	<MDL	<MDL	30.6	114	182	707
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.150	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.140	0.220
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.240	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.110	0.330
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.040	0.040
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-12a. *gamma*-Chlordane (5103-74-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	100.0	7.52	15.2	2.02	1.62
	Home children - *at home*	66	100.0	7.56	15.3	1.89	1.73
	Day care children - *at home*	62	100.0	7.48	15.2	2.17	1.50
	Day care children - *at day care*	20	100.0	6.34	13.0	1.49	1.62
Outdoor Air (ng/m^3)	All children - *at home*	127	61.4	0.404	1.17	0.153	1.08
	Home children - *at home*	65	52.3	0.284	0.583	0.130	1.00
	Day care children - *at home*	62	71.0	0.530	1.56	0.182	1.14
	Day care children - *at day care*	13	84.6	9.21	31.8	0.374	2.01
Soil (ng/g)	All children - *at home*	129	29.5	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	63	39.7	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	96.7	133	285	39.4	1.49
	Home children - *at home*	65	95.4	132	197	47.1	1.48
	Day care children - *at home*	55	98.2	134	365	31.8	1.49
	Day care children - *at day care*	20	100.0	304	445	93.0	1.67
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	96.7	283	684	40.4	2.07
	Home children - *at home*	65	95.4	373	821	43.4	2.29
	Day care children - *at home*	55	98.2	176	460	37.1	1.81
	Day care children - *at day care*	20	100.0	2,750	4,710	412	2.21
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	67.9	104	340	21.7	1.54
	Home children - *at home*	10	60.0	44.8	49.2	20.6	1.42
	Day care children - *at home*	18	72.2	137	423	22.4	1.65
	Day care children - *at day care*	1	100.0	9.86	.	9.86	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	55.6	102	269	19.7	1.66
	Home children - *at home*	10	60.0	150	356	26.5	1.85
	Day care children - *at home*	8	50.0	40.7	77.0	13.6	1.41
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	44.4	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	50.0	10.7	9.40	7.28	0.961
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	54.2	174	312	75.8	1.16
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	30	70.0	198	334	92.3	1.15
	Day care children - *at day care*	31	64.5	130	180	73.2	0.990
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	67.0	122	235	45.0	1.29
	Home children - *at home*	66	63.6	131	266	43.5	1.34
	Day care children - *at home*	31	74.2	101	152	48.3	1.19
Solid Food (Children) (ng/g)	All children - *at home*	129	18.6	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	63	22.2	--	--	--	--
	Day care children - *at day care*	24	12.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-12b. *gamma*-Chlordane (5103-74-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	0.090	0.680	1.51	6.97	40.5	92.1
	Home Children - *at home*	66	0.090	0.520	1.43	10.6	27.5	92.1
	Day care Children - *at home*	62	0.120	0.930	1.67	4.90	40.5	78.7
	Day care Children - *at day care*	20	0.210	0.475	0.785	3.99	42.6	47.7
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.120	0.250	1.78	10.9
	Home Children - *at home*	65	<MDL	<MDL	0.090	0.210	1.78	2.98
	Day care Children - *at home*	62	<MDL	<MDL	0.155	0.290	1.48	10.9
	Day care Children - *at day care*	13	<MDL	0.150	0.280	0.490	115	115
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	0.700	11.9	4,440
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	4.08	4,440
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	1.41	42.0	74.3
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.710	13.1	13.1
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	12.3	30.6	94.9	649	1,980
	Home Children - *at home*	65	<MDL	15.7	37.6	165	584	834
	Day care Children - *at home*	55	<MDL	11.1	21.2	69.5	921	1,980
	Day care Children - *at day care*	20	5.57	36.9	66.6	398	1,210	1,210
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	7.92	35.1	200	2,060	3,460
	Home Children - *at home*	65	<MDL	6.19	45.6	241	2,860	3,460
	Day care Children - *at home*	55	<MDL	9.95	31.5	131	1,020	3,140
	Day care Children - *at day care*	20	26.0	57.3	272	4,050	14,700	15,100
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	11.2	72.0	212	1,820
	Home Children - *at home*	10	<MDL	<MDL	21.4	97.7	124	124
	Day care Children - *at home*	18	<MDL	<MDL	10.2	70.3	1,820	1,820
	Day care Children - *at day care*	1	9.86	9.86	9.86	9.86	9.86	9.86
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	14.1	55.5	1,150	1,150
	Home Children - *at home*	10	<MDL	<MDL	20.5	69.7	1,150	1,150
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	34.2	227	227
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	17.8	341	341
	Home Children - *at home*	10	<MDL	<MDL	<MDL	17.8	341	341
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	19.7	25.2	25.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	57.5	151	899	1,720
	Home Children - *at home*	66	<MDL	<MDL	<MDL	158	441	1,720
	Day care Children - *at home*	30	<MDL	<MDL	76.6	145	899	1,640
	Day care Children - *at day care*	31	<MDL	<MDL	63.9	127	511	823
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	36.1	119	754	1,370
	Home Children - *at home*	66	<MDL	<MDL	32.3	119	850	1,370
	Day care Children - *at home*	31	<MDL	<MDL	43.9	140	352	754
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.220	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.140	0.410
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.260	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.150	0.340
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-13a. Chlorpyrifos (2921-88-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	100.0	19.0	41.9	6.99	1.37
	Home children - *at home*	66	100.0	14.9	24.9	5.91	1.36
	Day care children - *at home*	62	100.0	23.3	54.4	8.35	1.36
	Day care children - *at day care*	20	100.0	8.17	8.87	3.86	1.34
Outdoor Air (ng/m^3)	All children - *at home*	127	83.5	1.06	4.21	0.311	1.29
	Home children - *at home*	65	78.5	0.576	1.06	0.237	1.21
	Day care children - *at home*	62	88.7	1.57	5.92	0.414	1.32
	Day care children - *at day care*	13	76.9	0.402	0.419	0.228	1.21
Soil (ng/g)	All children - *at home*	128	18.8	--	--	--	--
	Home children - *at home*	65	16.9	--	--	--	--
	Day care children - *at home*	63	20.6	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	100.0	413	1,430	137	1.31
	Home children - *at home*	66	100.0	307	527	131	1.27
	Day care children - *at home*	55	100.0	541	2,040	145	1.37
	Day care children - *at day care*	19	100.0	237	256	132	1.24
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	100.0	1,430	6,310	143	1.99
	Home children - *at home*	66	100.0	1,310	5,740	124	2.08
	Day care children - *at home*	55	100.0	1,580	6,990	169	1.89
	Day care children - *at day care*	19	100.0	2,100	3,650	530	1.86
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	89.3	198	455	61.9	1.45
	Home children - *at home*	10	80.0	301	631	75.5	1.84
	Day care children - *at home*	18	94.4	140	329	55.4	1.23
	Day care children - *at day care*	1	100.0	134	.	134	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	88.9	265	395	78.5	1.76
	Home children - *at home*	10	80.0	257	320	75.6	1.99
	Day care children - *at home*	8	100.0	275	497	82.2	1.54
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	94.4	142	230	47.6	1.50
	Home children - *at home*	10	90.0	189	285	52.2	1.79
	Day care children - *at home*	8	100.0	83.7	128	42.4	1.14
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	80.2	528	1,090	195	1.36
	Home children - *at home*	66	80.3	467	944	174	1.32
	Day care children - *at home*	30	80.0	663	1,360	250	1.46
	Day care children - *at day care*	31	67.7	234	225	130	1.23
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	84.5	323	509	128	1.43
	Home children - *at home*	66	86.4	290	497	117	1.36
	Day care children - *at home*	31	80.6	394	533	155	1.58
Solid Food (Children) (ng/g)	All children - *at home*	129	65.1	0.567	1.82	0.204	1.23
	Home children - *at home*	66	71.2	0.678	2.46	0.211	1.21
	Day care children - *at home*	63	58.7	0.451	0.719	0.196	1.25
	Day care children - *at day care*	24	54.2	0.231	0.255	0.139	1.00
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	10.3	--	--	--	--
	Home children - *at home*	64	9.4	--	--	--	--
	Day care children - *at home*	62	11.3	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-13b. Chlorpyrifos (2921-88-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	0.310	2.50	6.21	17.9	70.7	391
	Home Children - *at home*	66	0.310	2.24	5.12	15.1	62.2	153
	Day care Children - *at home*	62	0.400	3.30	7.28	21.0	70.7	391
	Day care Children - *at day care*	20	0.580	1.10	2.99	16.0	25.3	29.4
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	0.110	0.270	0.640	4.29	45.9
	Home Children - *at home*	65	<MDL	0.090	0.180	0.510	3.38	5.43
	Day care Children - *at home*	62	<MDL	0.160	0.400	0.710	5.58	45.9
	Day care Children - *at day care*	13	<MDL	0.090	0.340	0.480	1.53	1.53
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	16.7	1,170
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	16.7	1,170
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	4.24	230
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.760	0.760
Indoor Floor Dust (ng/g)	All Children - *at home*	121	11.5	47.5	135	281	1,180	15,100
	Home Children - *at home*	66	13.9	46.8	105	279	1,120	3,500
	Day care Children - *at home*	55	11.5	55.7	139	304	1,500	15,100
	Day care Children - *at day care*	19	12.4	94.2	142	254	921	921
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	1.41	34.1	93.7	557	4,210	51,600
	Home Children - *at home*	66	1.41	30.0	88.9	629	3,870	45,800
	Day care Children - *at home*	55	3.02	37.1	127	557	4,910	51,600
	Day care Children - *at day care*	19	9.09	135	570	1,750	13,200	13,200
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	30.7	66.2	119	1,450	2,080
	Home Children - *at home*	10	<MDL	39.0	96.2	225	2,080	2,080
	Day care Children - *at home*	18	<MDL	23.2	60.9	101	1,450	1,450
	Day care Children - *at day care*	1	134	134	134	134	134	134
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	28.5	69.2	451	1,440	1,440
	Home Children - *at home*	10	<MDL	10.8	106	451	849	849
	Day care Children - *at home*	8	17.7	29.9	44.5	295	1,440	1,440
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	15.4	34.9	90.4	719	719
	Home Children - *at home*	10	<MDL	15.4	34.1	287	719	719
	Day care Children - *at home*	8	12.5	16.3	37.6	77.5	394	394
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	81.1	204	459	2,820	7,440
	Home Children - *at home*	66	<MDL	71.8	155	399	2,820	4,930
	Day care Children - *at home*	30	<MDL	99.999998	307	543	1,730	7,440
	Day care Children - *at day care*	31	<MDL	<MDL	174	361	725	773
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	49.5	137	302	1,440	2,500
	Home Children - *at home*	66	<MDL	49.5	112	250	1,390	2,500
	Day care Children - *at home*	31	<MDL	45.9	188	530	1,990	2,100
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	0.190	0.390	2.09	19.7
	Home Children - *at home*	66	<MDL	<MDL	0.210	0.360	2.25	19.7
	Day care Children - *at home*	63	<MDL	<MDL	0.170	0.580	1.96	4.32
	Day care Children - *at day care*	24	<MDL	<MDL	0.100	0.350	0.850	0.950
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.060	1.71
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	0.060	1.71
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.060	0.480
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.060	0.150
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-14a. Chrysene (218-01-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	60.9	0.220	0.292	0.137	0.882
	Home children - *at home*	66	56.1	0.247	0.351	0.144	0.945
	Day care children - *at home*	62	66.1	0.192	0.211	0.130	0.814
	Day care children - *at day care*	20	60.0	0.153	0.311	0.094	0.693
Outdoor Air (ng/m^3)	All children - *at home*	127	67.7	0.245	0.478	0.142	0.876
	Home children - *at home*	65	70.8	0.254	0.427	0.155	0.873
	Day care children - *at home*	62	64.5	0.235	0.530	0.130	0.878
	Day care children - *at day care*	13	84.6	0.163	0.168	0.116	0.794
Soil (ng/g)	All children - *at home*	128	75.0	43.3	181	2.64	2.00
	Home children - *at home*	65	76.9	20.3	98.9	2.24	1.72
	Day care children - *at home*	63	73.0	67.0	236	3.13	2.25
	Day care children - *at day care*	13	76.9	22.7	50.6	5.08	1.90
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	545	1,630	190	1.18
	Home children - *at home*	63	100.0	330	586	178	1.03
	Day care children - *at home*	55	100.0	790	2,290	205	1.33
	Day care children - *at day care*	20	100.0	1,630	5,870	301	1.31
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	1,040	4,100	205	1.59
	Home children - *at home*	63	100.0	482	774	179	1.57
	Day care children - *at home*	55	100.0	1,690	5,910	239	1.61
	Day care children - *at day care*	20	100.0	3,440	7,490	1,330	1.24
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	85.7	358	1,450	34.1	1.66
	Home children - *at home*	10	80.0	23.0	16.7	17.9	0.800
	Day care children - *at home*	18	88.9	544	1,800	48.9	1.91
	Day care children - *at day care*	1	100.0	52.7	.	52.7	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	50.0	10.7	11.2	8.10	0.678
	Home children - *at home*	10	50.0	12.4	14.3	8.68	0.792
	Day care children - *at home*	8	50.0	8.64	6.04	7.42	0.544
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	83.3	88.5	164	25.9	1.61
	Home children - *at home*	10	80.0	113	215	26.1	1.78
	Day care children - *at home*	8	87.5	58.0	65.1	25.8	1.48
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	43.8	--	--	--	--
	Home children - *at home*	66	42.4	--	--	--	--
	Day care children - *at home*	30	46.7	--	--	--	--
	Day care children - *at day care*	31	48.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	40.2	--	--	--	--
	Home children - *at home*	66	42.4	--	--	--	--
	Day care children - *at home*	31	35.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	35.2	--	--	--	--
	Home children - *at home*	66	42.4	--	--	--	--
	Day care children - *at home*	62	27.4	--	--	--	--
	Day care children - *at day care*	24	20.8	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	3.9	--	--	--	--
	Home children - *at home*	65	3.1	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-14b. Chrysene (218-01-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.100	0.275	0.750	2.00
	Home Children - *at home*	66	<MDL	<MDL	0.105	0.290	0.960	2.00
	Day care Children - *at home*	62	<MDL	<MDL	0.100	0.230	0.730	1.09
	Day care Children - *at day care*	20	<MDL	<MDL	0.090	0.100	0.805	1.47
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.120	0.230	0.710	4.11
	Home Children - *at home*	65	<MDL	<MDL	0.140	0.240	0.710	3.25
	Day care Children - *at home*	62	<MDL	<MDL	0.105	0.220	0.530	4.11
	Day care Children - *at day care*	13	<MDL	0.080	0.090	0.120	0.610	0.610
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.67	6.53	123	1,350
	Home Children - *at home*	65	<MDL	0.690	1.57	5.36	72.2	793
	Day care Children - *at home*	63	<MDL	<MDL	1.84	11.7	330	1,350
	Day care Children - *at day care*	13	<MDL	2.87	5.28	11.9	187	187
Indoor Floor Dust (ng/g)	All Children - *at home*	118	20.6	92.1	170	340	2,210	13,200
	Home Children - *at home*	63	20.6	94.1	180	295	836	3,810
	Day care Children - *at home*	55	32.0	83.6	161	379	4,500	13,200
	Day care Children - *at day care*	20	56.2	138	225	411	13,800	26,500
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	4.05	77.2	190	445	3,560	33,200
	Home Children - *at home*	63	4.05	77.2	186	462	2,420	3,660
	Day care Children - *at home*	55	28.2	76.4	192	445	11,200	33,200
	Day care Children - *at day care*	20	182	556	1,110	2,760	21,800	34,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	15.0	22.7	58.5	1,070	7,660
	Home Children - *at home*	10	<MDL	13.0	20.9	26.0	62.6	62.6
	Day care Children - *at home*	18	<MDL	17.1	36.7	99.0	7,660	7,660
	Day care Children - *at day care*	1	52.7	52.7	52.7	52.7	52.7	52.7
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	9.66	50.5	50.5
	Home Children - *at home*	10	<MDL	<MDL	<MDL	13.4	50.5	50.5
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	9.24	22.7	22.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	8.73	18.5	124	673	673
	Home Children - *at home*	10	<MDL	10.0	17.4	74.7	673	673
	Day care Children - *at home*	8	<MDL	8.49	19.0	125	157	157
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	89.1	391	3,940
	Home Children - *at home*	66	<MDL	<MDL	<MDL	81.9	190	1,850
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	125	457	3,940
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	92.9	5,070	7,180
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	34.6	142	347
	Home Children - *at home*	66	<MDL	<MDL	<MDL	34.3	247	347
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	37.7	119	142
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.090	0.270	1.36
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.090	0.210	0.360
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.090	0.467	1.36
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.130	0.130
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.050
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.050
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-15a. Cyfluthrin (68359-37-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	3.9	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	62	8.1	--	--	--	--
	Day care children - *at day care*	20	10.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	129	11.6	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	63	15.9	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	47.9	--	--	--	--
	Home children - *at home*	66	54.5	281	466	92.2	1.55
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	19	42.1	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	47.9	--	--	--	--
	Home children - *at home*	66	54.5	341	709	87.3	1.77
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	19	42.1	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	7.1	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	11.1	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	77.8	1,100	1,030	492	1.69
	Home children - *at home*	10	80.0	1,340	1,200	616	1.75
	Day care children - *at home*	8	75.0	795	725	372	1.67
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	32.3	--	--	--	--
	Home children - *at home*	66	30.3	--	--	--	--
	Day care children - *at home*	30	36.7	--	--	--	--
	Day care children - *at day care*	31	19.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	14.4	--	--	--	--
	Home children - *at home*	66	18.2	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	6.3	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	62	8.1	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	122	0.0	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	59	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-15b. Cyfluthrin (68359-37-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	183
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.960	183
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	1.60	1.74
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	32.1	187
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	18.2	187
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	48.5	121
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	42.2	42.2
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	248	1,660	4,100
	Home Children - *at home*	66	<MDL	<MDL	70.7	412	1,080	2,370
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	178	1,670	4,100
	Day care Children - *at day care*	19	<MDL	<MDL	<MDL	329	1,750	1,750
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	399	1,610	21,400
	Home Children - *at home*	66	<MDL	<MDL	92.8	394	1,160	5,150
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	439	2,900	21,400
	Day care Children - *at day care*	19	<MDL	<MDL	<MDL	3,100	7,800	7,800
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	504	1,280
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	1,280	1,280
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	193	1,040	1,550	4,090	4,090
	Home Children - *at home*	10	<MDL	193	1,390	1,630	4,090	4,090
	Day care Children - *at home*	8	<MDL	<MDL	842	1,120	2,170	2,170
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	1,350	4,400	9,530
	Home Children - *at home*	66	<MDL	<MDL	<MDL	1,370	4,590	9,530
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	1,110	2,590	2,940
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	3,300	6,300
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	1,260	6,570
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	1,470	6,570
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	628	744
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.900	4.65
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.940
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	1.34	4.65
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	5.31
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-16a. Diazinon (333-41-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	100.0	40.3	217	2.41	1.81
	Home children - *at home*	66	100.0	45.2	211	2.24	1.97
	Day care children - *at home*	62	100.0	35.1	225	2.59	1.63
	Day care children - *at day care*	20	100.0	11.1	24.4	2.47	1.78
Outdoor Air (ng/m^3)	All children - *at home*	127	50.4	0.642	3.88	0.133	1.12
	Home children - *at home*	65	46.2	--	--	--	--
	Day care children - *at home*	62	54.8	0.310	0.947	0.133	0.986
	Day care children - *at day care*	13	61.5	0.122	0.087	0.095	0.743
Soil (ng/g)	All children - *at home*	129	17.8	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	63	11.1	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	95.9	282	1,380	24.4	1.62
	Home children - *at home*	66	95.5	359	1,570	28.0	1.75
	Day care children - *at home*	55	96.4	190	1,110	20.6	1.45
	Day care children - *at day care*	19	100.0	439	1,560	58.6	1.73
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	95.9	964	6,380	25.4	2.17
	Home children - *at home*	66	95.5	1,630	8,610	26.6	2.29
	Day care children - *at home*	55	96.4	164	341	24.1	2.04
	Day care children - *at day care*	19	100.0	5,710	22,500	235	2.38
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	67.9	557	1,940	23.2	2.07
	Home children - *at home*	10	70.0	609	1,580	44.1	2.41
	Day care children - *at home*	18	66.7	528	2,150	16.3	1.83
	Day care children - *at day care*	1	100.0	32.9	.	32.9	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	61.1	625	2,080	27.0	2.18
	Home children - *at home*	10	60.0	240	629	27.9	2.00
	Day care children - *at home*	8	62.5	1,110	3,080	25.9	2.53
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	750	2,220	41.2	2.56
	Home children - *at home*	10	60.0	998	2,930	34.1	2.62
	Day care children - *at home*	8	75.0	441	852	52.3	2.62
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	45.8	--	--	--	--
	Home children - *at home*	66	43.9	--	--	--	--
	Day care children - *at home*	30	50.0	353	1,350	69.9	1.35
	Day care children - *at day care*	31	58.1	152	316	69.5	1.08
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	54.6	363	2,000	35.3	1.40
	Home children - *at home*	66	48.5	--	--	--	--
	Day care children - *at home*	31	67.7	440	2,130	44.1	1.41
Solid Food (Children) (ng/g)	All children - *at home*	128	21.9	--	--	--	--
	Home children - *at home*	65	21.5	--	--	--	--
	Day care children - *at home*	63	22.2	--	--	--	--
	Day care children - *at day care*	24	25.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-16b. Diazinon (333-41-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	0.140	0.645	2.02	4.66	63.7	1,780
	Home Children - *at home*	66	0.160	0.530	1.44	4.60	192	1,620
	Day care Children - *at home*	62	0.140	0.800	2.17	5.56	43.4	1,780
	Day care Children - *at day care*	20	0.170	0.825	2.27	6.62	70.2	106
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.090	0.230	1.10	42.8
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.170	1.68	42.8
	Day care Children - *at home*	62	<MDL	<MDL	0.090	0.270	0.770	7.37
	Day care Children - *at day care*	13	<MDL	<MDL	0.120	0.170	0.290	0.290
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	4.24	5,470
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	7.60	5,470
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	2.54	8.05
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	7.90	17.5	54.4	388	11,000
	Home Children - *at home*	66	<MDL	7.90	19.0	46.3	934	11,000
	Day care Children - *at home*	55	<MDL	7.69	14.0	55.3	184	8,280
	Day care Children - *at day care*	19	3.06	26.0	65.2	138	6,880	6,880
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	5.94	16.3	106	1,230	56,300
	Home Children - *at home*	66	<MDL	6.08	15.1	98.6	1,450	56,300
	Day care Children - *at home*	55	<MDL	5.90	16.4	125	1,150	1,630
	Day care Children - *at day care*	19	1.58	32.4	177	1,540	98,600	98,600
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	10.2	27.8	5,070	9,140
	Home Children - *at home*	10	<MDL	<MDL	18.4	174	5,070	5,070
	Day care Children - *at home*	18	<MDL	<MDL	9.31	21.2	9,140	9,140
	Day care Children - *at day care*	1	32.9	32.9	32.9	32.9	32.9	32.9
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	15.5	79.0	8,720	8,720
	Home Children - *at home*	10	<MDL	<MDL	19.2	87.2	2,020	2,020
	Day care Children - *at home*	8	<MDL	<MDL	12.7	48.0	8,720	8,720
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	33.4	338	9,340	9,340
	Home Children - *at home*	10	<MDL	<MDL	33.4	98.7	9,340	9,340
	Day care Children - *at home*	8	<MDL	<MDL	134	369	2,510	2,510
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	106	843	15,500
	Home Children - *at home*	66	<MDL	<MDL	<MDL	64.5	843	15,500
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	195	484	7,490
	Day care Children - *at day care*	31	<MDL	<MDL	64.5	142	508	1,740
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	20.9	56.7	548	15,900
	Home Children - *at home*	66	<MDL	<MDL	<MDL	46.9	548	15,900
	Day care Children - *at home*	31	<MDL	<MDL	37.2	80.2	249	11,900
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.410	6.73
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.530	6.73
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.190	1.48
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.170	0.890
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-17a. Dibenzo[*a,h*]anthracene (53-70-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	5.5	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	62	6.5	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	3.9	--	--	--	--
	Home children - *at home*	65	6.2	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	129	52.7	9.50	35.7	1.09	1.61
	Home children - *at home*	66	48.5	--	--	--	--
	Day care children - *at home*	63	57.1	13.9	45.0	1.31	1.78
	Day care children - *at day care*	13	76.9	5.35	11.2	1.85	1.38
Indoor Floor Dust (ng/g)	All children - *at home*	118	94.9	100	213	44.6	1.15
	Home children - *at home*	63	93.7	74.5	117	44.0	1.00
	Day care children - *at home*	55	96.4	130	284	45.2	1.31
	Day care children - *at day care*	20	100.0	268	826	78.7	1.17
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	94.9	206	806	48.1	1.61
	Home children - *at home*	63	93.7	115	162	44.3	1.60
	Day care children - *at home*	55	96.4	310	1,160	52.7	1.63
	Day care children - *at day care*	20	100.0	858	1,840	348	1.20
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	35.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	50.0	132	450	14.1	1.66
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	5.6	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	7.3	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	30	6.7	--	--	--	--
	Day care children - *at day care*	31	12.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	10.3	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	31	12.9	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-17b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.090	0.300
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.300
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.090	0.120
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.180
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.120	0.180
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	0.610	1.78	26.1	244
	Home Children - *at home*	66	<MDL	<MDL	<MDL	1.38	20.3	187
	Day care Children - *at home*	63	<MDL	<MDL	0.700	2.94	116	244
	Day care Children - *at day care*	13	<MDL	0.900	1.53	3.13	41.8	41.8
Indoor Floor Dust (ng/g)	All Children - *at home*	118	<MDL	23.5	39.8	81.2	502	1,500
	Home Children - *at home*	63	<MDL	24.8	45.6	79.2	197	791
	Day care Children - *at home*	55	<MDL	20.3	34.0	91.7	962	1,500
	Day care Children - *at day care*	20	17.0	38.5	64.3	129	2,020	3,770
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	<MDL	17.3	46.2	130	598	8,260
	Home Children - *at home*	63	<MDL	21.5	46.2	130	476	840
	Day care Children - *at home*	55	<MDL	16.1	46.0	141	1,590	8,260
	Day care Children - *at day care*	20	55.5	149	288	719	5,310	8,360
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	13.0	235	1,920
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	7.17	7.17
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	19.2	1,920	1,920
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	7.24	7.24
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	7.24	7.24
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	30.1	30.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	8.55	8.55
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	30.1	30.1
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	90.0	582
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	90.0	536
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	67.9	582
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	624	768
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	44.3	115
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	44.3	115
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	30.2	76.2
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-18a. Di-*n*-butylphthalate (84-74-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	100.0	276	180	229	0.635
	Home children - *at home*	66	100.0	234	146	195	0.639
	Day care children - *at home*	62	100.0	321	201	271	0.590
	Day care children - *at day care*	20	100.0	576	623	397	0.840
Outdoor Air (ng/m^3)	All children - *at home*	127	36.2	--	--	--	--
	Home children - *at home*	65	26.2	--	--	--	--
	Day care children - *at home*	62	46.8	--	--	--	--
	Day care children - *at day care*	13	69.2	41.7	60.3	19.5	1.20
Soil (ng/g)	All children - *at home*	128	33.6	--	--	--	--
	Home children - *at home*	65	26.2	--	--	--	--
	Day care children - *at home*	63	41.3	--	--	--	--
	Day care children - *at day care*	13	61.5	78.6	140	22.5	1.62
Indoor Floor Dust (ng/g)	All children - *at home*	119	100.0	8,960	8,960	6,400	0.789
	Home children - *at home*	64	100.0	9,390	9,700	6,900	0.726
	Day care children - *at home*	55	100.0	8,460	8,090	5,860	0.854
	Day care children - *at day care*	20	100.0	15,200	8,330	12,800	0.664
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	100.0	21,500	51,000	6,430	1.48
	Home children - *at home*	64	100.0	19,500	46,200	6,090	1.52
	Day care children - *at home*	55	100.0	23,800	56,400	6,830	1.45
	Day care children - *at day care*	20	100.0	112,000	130,000	56,600	1.41
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	100.0	7,130	9,680	4,420	0.940
	Home children - *at home*	10	100.0	3,950	2,820	3,080	0.775
	Day care children - *at home*	18	100.0	8,900	11,600	5,410	0.982
	Day care children - *at day care*	1	100.0	18,100	.	18,100	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	72.2	5,590	7,860	2,330	1.53
	Home children - *at home*	10	70.0	4,360	4,890	2,040	1.51
	Day care children - *at home*	8	75.0	7,130	10,700	2,760	1.64
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	7	100.0	10,700	12,900	6,200	1.09
	Home children - *at home*	4	100.0	15,500	16,200	8,540	1.35
	Day care children - *at home*	3	100.0	4,470	2,110	4,050	0.574
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	81.3	17,400	24,000	9,260	1.14
	Home children - *at home*	66	72.7	14,900	21,600	7,520	1.18
	Day care children - *at home*	30	100.0	23,100	28,100	14,700	0.920
	Day care children - *at day care*	31	90.3	30,300	55,500	12,200	1.28
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	84.5	31,100	61,600	8,290	1.63
	Home children - *at home*	66	84.8	25,400	64,000	6,520	1.49
	Day care children - *at home*	31	83.9	43,400	55,200	13,800	1.80
Solid Food (Children) (ng/g)	All children - *at home*	110	31.8	--	--	--	--
	Home children - *at home*	55	27.3	--	--	--	--
	Day care children - *at home*	55	36.4	--	--	--	--
	Day care children - *at day care*	18	33.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	117	28.2	--	--	--	--
	Home children - *at home*	61	31.1	--	--	--	--
	Day care children - *at home*	56	25.0	--	--	--	--
	Day care children - *at day care*	22	40.9	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-18b. Di-*n*-butylphthalate (84-74-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	18.7	155	234	355	627	988
	Home Children - *at home*	66	18.7	137	207	291	448	928
	Day care Children - *at home*	62	75.9	199	264	384	740	988
	Day care Children - *at day care*	20	127	199	380	648	2,220	2,720
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	30.8	79.7	122
	Home Children - *at home*	65	<MDL	<MDL	<MDL	13.6	52.7	96.6
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	44.6	86.5	122
	Day care Children - *at day care*	13	<MDL	<MDL	14.8	30.4	197	197
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	11.1	93.7	277
	Home Children - *at home*	65	<MDL	<MDL	<MDL	7.92	32.0	249
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	28.8	111	277
	Day care Children - *at day care*	13	<MDL	<MDL	12.8	74.6	499	499
Indoor Floor Dust (ng/g)	All Children - *at home*	119	989	3,820	5,620	9,980	27,400	57,800
	Home Children - *at home*	64	2,130	4,110	6,040	10,000	30,900	57,800
	Day care Children - *at home*	55	989	3,160	5,220	9,390	24,700	41,300
	Day care Children - *at day care*	20	1,840	9,040	13,700	18,900	32,400	35,400
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	203	2,640	5,430	15,700	90,700	336,000
	Home Children - *at home*	64	203	2,070	6,050	20,600	63,200	329,000
	Day care Children - *at home*	55	404	2,800	5,240	14,100	119,000	336,000
	Day care Children - *at day care*	20	1,210	26,400	65,700	151,000	451,000	507,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	857	2,390	4,950	7,460	25,700	49,400
	Home Children - *at home*	10	910	1,820	3,390	5,240	9,620	9,620
	Day care Children - *at home*	18	857	3,220	5,170	8,340	49,400	49,400
	Day care Children - *at day care*	1	18,100	18,100	18,100	18,100	18,100	18,100
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	3,380	6,480	32,600	32,600
	Home Children - *at home*	10	<MDL	<MDL	3,360	6,420	16,400	16,400
	Day care Children - *at home*	8	<MDL	<MDL	3,410	7,530	32,600	32,600
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	7	2,110	2,630	5,130	19,900	36,500	36,500
	Home Children - *at home*	4	2,630	2,700	11,400	28,200	36,500	36,500
	Day care Children - *at home*	3	2,110	2,110	5,130	6,170	6,170	6,170
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	3,990	10,400	18,500	63,800	142,000
	Home Children - *at home*	66	<MDL	<MDL	9,220	16,600	51,000	142,000
	Day care Children - *at home*	30	3,250	7,180	15,100	23,200	81,500	138,000
	Day care Children - *at day care*	31	<MDL	5,810	11,600	20,600	221,000	227,000
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	3,160	6,750	17,200	162,000	410,000
	Home Children - *at home*	66	<MDL	2,910	5,870	11,500	162,000	410,000
	Day care Children - *at home*	31	<MDL	4,300	14,800	100,000	155,000	170,000
Solid Food (Children) (ng/g)	All Children - *at home*	110	<MDL	<MDL	<MDL	112	741	2,300
	Home Children - *at home*	55	<MDL	<MDL	<MDL	95.7	741	1,190
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	156	871	2,300
	Day care Children - *at day care*	18	<MDL	<MDL	<MDL	69.9	508	508
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	117	<MDL	<MDL	<MDL	37.3	128	187
	Home Children - *at home*	61	<MDL	<MDL	<MDL	37.3	128	187
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	125	168
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	41.2	81.7	114
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-19a. Dicamba (1918-00-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	0.8	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	7.9	--	--	--	--
	Home children - *at home*	65	10.8	--	--	--	--
	Day care children - *at home*	61	4.9	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	127	5.5	--	--	--	--
	Home children - *at home*	65	6.2	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	23.1	--	--	--	--
	Home children - *at home*	66	27.3	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	23.1	--	--	--	--
	Home children - *at home*	66	27.3	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*						
	Day care children - *at home*	13	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	32	0.0	--	--	--	--
	Day care children - *at day care*	32	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	98	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	32	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	16.3	--	--	--	--
	Home children - *at home*	66	18.2	--	--	--	--
	Day care children - *at home*	63	14.3	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	128	13.3	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	62	12.9	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	61	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-19b. Dicamba (1918-00-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	0.480
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.480
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.430	0.760
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.430	0.720
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	0.760
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.210	0.210
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.400	26.1
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.400	26.1
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.79
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	70.7	159
	Home Children - *at home*	66	<MDL	<MDL	<MDL	19.9	70.7	159
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	70.7	141
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	23.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	84.2	400
	Home Children - *at home*	66	<MDL	<MDL	<MDL	14.5	84.8	255
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	84.2	400
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	43.1
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*							
	Day care Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	<MDL	47.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	47.7
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.880	1.67
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	1.09	1.43
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.520	1.67
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	0.330
Solid Food (Adults) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.700	2.03
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.610	2.03
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.770	1.22
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-20a. *p,p'*-DDE (72-55-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	33.6	--	--	--	--
	Home children - *at home*	66	30.3	--	--	--	--
	Day care children - *at home*	62	37.1	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	129	14.7	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	63	20.6	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	39.7	--	--	--	--
	Home children - *at home*	66	39.4	--	--	--	--
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	20	50.0	11.2	17.6	4.51	1.38
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	39.7	--	--	--	--
	Home children - *at home*	66	39.4	--	--	--	--
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	20	50.0	71.3	120	20.0	1.72
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	17.9	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	18	16.7	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	11.1	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	4.2	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	30	10.0	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	58.9	0.315	0.410	0.175	1.07
	Home children - *at home*	66	65.2	0.324	0.351	0.190	1.06
	Day care children - *at home*	63	52.4	0.305	0.467	0.160	1.08
	Day care children - *at day care*	24	54.2	0.385	0.571	0.176	1.24
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	21.4	--	--	--	--
	Home children - *at home*	64	17.2	--	--	--	--
	Day care children - *at home*	62	25.8	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-20b. *p,p'*-DDE (72-55-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.120	0.490	2.88
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.100	0.280	0.970
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.200	0.540	2.88
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	0.160	0.210
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.070	0.070
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	2.82	208
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.640	3.10
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	8.89	208
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	4.32	4.32
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	9.14	53.0	203
	Home Children - *at home*	66	<MDL	<MDL	<MDL	9.14	53.0	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	10.2	68.7	203
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	16.4	52.7	75.7
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	12.8	195	350
	Home Children - *at home*	66	<MDL	<MDL	<MDL	11.9	195	350
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	18.2	216	336
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	90.2	379	465
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	43.3	48.8
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	43.3	43.3
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	48.8	48.8
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	59.5	59.5
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	59.5	59.5
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	7.02	133	133
	Home Children - *at home*	10	<MDL	<MDL	<MDL	7.59	133	133
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	22.9	22.9
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	280
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	40.4
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	100	280
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	112
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	71.9
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	67.0
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	67.2	71.9
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	0.160	0.410	0.950	2.83
	Home Children - *at home*	66	<MDL	<MDL	0.185	0.480	0.950	1.86
	Day care Children - *at home*	63	<MDL	<MDL	0.160	0.410	0.870	2.83
	Day care Children - *at day care*	24	<MDL	<MDL	0.155	0.505	1.67	2.42
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.060	0.250
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	0.050	0.080
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.030	0.060	0.250
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.050	0.100
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-21a. *p,p'*-DDT (50-29-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	36.7	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	62	37.1	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	11.8	--	--	--	--
	Home children - *at home*	65	15.4	--	--	--	--
	Day care children - *at home*	62	8.1	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Soil (ng/g)	All children - *at home*	129	20.2	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	63	28.6	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	38.8	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	55	41.8	--	--	--	--
	Day care children - *at day care*	20	30.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	38.8	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	55	41.8	--	--	--	--
	Day care children - *at day care*	20	30.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	17.9	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	22.2	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	8.3	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	30	10.0	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	6.2	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	31	9.7	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	3.9	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	63	6.3	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	2.4	--	--	--	--
	Home children - *at home*	64	3.1	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-21b. *p,p'*-DDT (50-29-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.270	3.28	90.2
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.260	3.28	90.2
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.270	2.70	22.7
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	3.04	5.85
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.320	2.16
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.420	2.16
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.230	1.30
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.340	0.340
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	13.3	544
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	3.15	8.51
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	1.21	56.2	544
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	7.78	7.78
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	34.1	208	4,080
	Home Children - *at home*	66	<MDL	<MDL	<MDL	29.5	276	707
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	37.5	158	4,080
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	34.5	426	657
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	47.1	1,000	10,500
	Home Children - *at home*	66	<MDL	<MDL	<MDL	26.2	1,000	3,580
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	70.8	1,030	10,500
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	210	4,320	6,950
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	636	1,860
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	636	636
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	1,860	1,860
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	249	249
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	89.8	89.8
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	249	249
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	111	5,650	5,650
	Home Children - *at home*	10	<MDL	<MDL	<MDL	141	5,650	5,650
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	815	815
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	723	7,380
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	239	809
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	5,660	7,380
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	4,610
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	1,510	3,560
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1,600
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	1,830	3,560
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	2.52
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.330	2.52
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	1.31
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.070
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-22a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	46.1	--	--	--	--
	Home children - *at home*	66	37.9	--	--	--	--
	Day care children - *at home*	62	54.8	1.06	1.29	0.481	1.33
	Day care children - *at day care*	20	60.0	1.58	1.99	0.574	1.58
Outdoor Air (ng/m^3)	All children - *at home*	126	19.0	--	--	--	--
	Home children - *at home*	65	18.5	--	--	--	--
	Day care children - *at home*	61	19.7	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Soil (ng/g)	All children - *at home*	126	19.0	--	--	--	--
	Home children - *at home*	65	16.9	--	--	--	--
	Day care children - *at home*	61	21.3	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	65.8	214	744	30.4	2.01
	Home children - *at home*	66	83.3	280	933	57.3	1.74
	Day care children - *at home*	54	44.4	--	--	--	--
	Day care children - *at day care*	20	75.0	28.3	24.6	15.5	1.37
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	65.8	227	789	31.7	1.93
	Home children - *at home*	66	83.3	317	992	54.3	1.81
	Day care children - *at home*	54	44.4	--	--	--	--
	Day care children - *at day care*	20	75.0	205	329	68.5	1.61
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*						
	Day care children - *at home*	13	7.7	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	9.2	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	32	12.5	--	--	--	--
	Day care children - *at day care*	32	3.1	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	98	7.1	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	32	12.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	55.8	0.629	0.727	0.393	0.932
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	63	65.1	0.632	0.678	0.415	0.900
	Day care children - *at day care*	24	37.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	128	50.8	0.678	0.808	0.387	1.02
	Home children - *at home*	66	50.0	0.643	0.805	0.379	0.974
	Day care children - *at home*	62	51.6	0.716	0.815	0.396	1.07
Liquid Food (Children) (ng/mL)	All children - *at home*	125	1.6	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	61	1.6	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	120	4.2	--	--	--	--
	Home children - *at home*	64	3.1	--	--	--	--
	Day care children - *at home*	56	5.4	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-22b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	1.00	3.03	5.88
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.800	1.71	3.69
	Day care Children - *at home*	62	<MDL	<MDL	0.460	1.48	3.64	5.88
	Day care Children - *at day care*	20	<MDL	<MDL	0.325	2.46	6.17	6.50
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.760	2.26
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.840	1.74
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	0.510	2.26
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.350	0.660	0.660
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	3.28	30.5
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	1.81	30.5
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	3.55	15.4
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	32.3	123	820	7,390
	Home Children - *at home*	66	<MDL	22.2	47.5	155	863	7,390
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	70.7	698	2,460
	Day care Children - *at day care*	20	<MDL	<MDL	23.0	41.1	77.5	93.7
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	36.1	94.3	548	5,570
	Home Children - *at home*	66	<MDL	16.8	67.3	176	599	5,570
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	52.7	496	2,910
	Day care Children - *at day care*	20	<MDL	<MDL	56.0	178	988	1,330
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	61.9	61.9
	Home Children - *at home*	0						
	Day care Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	61.9	61.9
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	0						
	Home Children - *at home*	0						
	Day care Children - *at home*	0						
	Day care Children - *at day care*	0						
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	187	438
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	184	438
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	187	306
	Day care Children - *at day care*	32	<MDL	<MDL	<MDL	<MDL	<MDL	208
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	80.8	217
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	217
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	80.8	144
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	0.350	0.840	2.12	4.36
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.920	1.83	4.36
	Day care Children - *at home*	63	<MDL	<MDL	0.430	0.780	2.12	3.47
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	0.575	1.55	2.17
Solid Food (Adults) (ng/g)	All Children - *at home*	128	<MDL	<MDL	0.265	0.890	2.53	4.00
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.820	2.33	4.00
	Day care Children - *at home*	62	<MDL	<MDL	0.280	1.05	2.53	3.00
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.600
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	0.600
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	0.400
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.300
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.210	0.400

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-23a. Dieldrin (60-57-1): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	41.4	--	--	--	--
	Home children - *at home*	66	40.9	--	--	--	--
	Day care children - *at home*	62	41.9	--	--	--	--
	Day care children - *at day care*	20	30.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	12.6	--	--	--	--
	Home children - *at home*	65	13.8	--	--	--	--
	Day care children - *at home*	62	11.3	--	--	--	--
	Day care children - *at day care*	13	23.1	--	--	--	--
Soil (ng/g)	All children - *at home*	129	14.0	--	--	--	--
	Home children - *at home*	66	10.6	--	--	--	--
	Day care children - *at home*	63	17.5	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	43.0	--	--	--	--
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	55	38.2	--	--	--	--
	Day care children - *at day care*	19	57.9	161	390	20.0	2.44
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	43.0	--	--	--	--
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	55	38.2	--	--	--	--
	Day care children - *at day care*	19	57.9	878	2,420	80.2	2.60
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	28.6	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	18	33.3	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	4.2	--	--	--	--
	Home children - *at home*	66	6.1	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	6.2	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	31	3.2	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	2.3	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-23b. Dieldrin (60-57-1): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m³)	All Children - *at home*	128	<MDL	<MDL	<MDL	1.08	7.47	56.3
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.720	4.39	8.04
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	1.77	7.73	56.3
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	1.72	4.81	4.93
Outdoor Air (ng/m³)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.400	1.60
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.300	0.610
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.420	1.60
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.500	0.500
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	9.78	321
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	3.49	141
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	28.1	321
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.49	2.49
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	55.0	158	473
	Home Children - *at home*	66	<MDL	<MDL	<MDL	55.0	95.5	203
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	55.9	229	473
	Day care Children - *at day care*	19	<MDL	<MDL	20.3	147	1,730	1,730
Indoor Floor Dust (ng/m²)	All Children - *at home*	121	<MDL	<MDL	<MDL	47.2	492	1,900
	Home Children - *at home*	66	<MDL	<MDL	<MDL	31.6	512	1,060
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	65.9	492	1,900
	Day care Children - *at day care*	19	<MDL	<MDL	128	635	10,700	10,700
Hard Floor Surface Wipes (ng/m²)	All Children - *at home*	28	<MDL	<MDL	<MDL	35.4	200	813
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	200	200
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	50.0	813	813
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m²)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	580	580
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	531	531
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	580	580
	Day care Children - *at day care*							
Transferable Residues (ng/m²)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	229	229
	Home Children - *at home*	10	<MDL	<MDL	<MDL	71.7	194	194
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	229	229
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m²)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	2,100
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	600	2,100
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	2,240
Dermal Wipe (Adults) (ng/m²)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	960	12,000
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	960	12,000
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	2,130
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	1.58
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.430
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.58
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-24a. Endrin (72-20-8): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	33.6	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	62	30.6	--	--	--	--
	Day care children - *at day care*	20	35.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	39.4	--	--	--	--
	Home children - *at home*	65	43.1	--	--	--	--
	Day care children - *at home*	62	35.5	--	--	--	--
	Day care children - *at day care*	13	53.8	0.304	0.330	0.159	1.25
Soil (ng/g)	All children - *at home*	129	3.9	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	19.0	--	--	--	--
	Home children - *at home*	66	22.7	--	--	--	--
	Day care children - *at home*	55	14.5	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	19.0	--	--	--	--
	Home children - *at home*	66	22.7	--	--	--	--
	Day care children - *at home*	55	14.5	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	14.3	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	18	11.1	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	50.0	40.4	45.7	18.4	1.45
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	11.1	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	3.1	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.8	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-24b. Endrin (72-20-8): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.465	1.59	15.1
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.430	1.13	15.1
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.500	1.59	2.58
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.305	1.22	1.64
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.460	0.950	1.49
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.510	1.02	1.49
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.430	0.680	1.05
	Day care Children - *at day care*	13	<MDL	<MDL	0.170	0.400	1.04	1.04
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	5.44
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	5.44
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	4.06
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	3.03	3.03
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	118	317
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	239	317
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	64.4	204
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	111	159
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	109	2,700
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	129	2,700
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	109	803
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	259	338
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	342	448
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	448	448
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	342	342
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	44.5	254	254
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	254	254
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	64.3	131	131
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	223	223
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	223	223
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	1,200
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1,200
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	434
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	151
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	151
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.380
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-25a. Heptachlor (76-44-8): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	92.2	29.3	66.5	7.34	1.89
	Home children - *at home*	66	92.4	30.2	73.0	6.76	1.92
	Day care children - *at home*	62	91.9	28.5	59.4	8.02	1.86
	Day care children - *at day care*	20	100.0	39.4	87.0	8.87	1.52
Outdoor Air (ng/m^3)	All children - *at home*	127	60.6	1.22	4.15	0.282	1.50
	Home children - *at home*	65	56.9	1.39	5.03	0.261	1.57
	Day care children - *at home*	62	64.5	1.04	3.00	0.305	1.43
	Day care children - *at day care*	13	69.2	5.31	15.0	0.530	2.17
Soil (ng/g)	All children - *at home*	129	3.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	13	23.1	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	40.8	--	--	--	--
	Home children - *at home*	65	41.5	--	--	--	--
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	20	55.0	192	322	19.9	2.61
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	40.8	--	--	--	--
	Home children - *at home*	65	41.5	--	--	--	--
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	20	55.0	1,680	3,540	88.0	3.11
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	39.3	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	18	44.4	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	33.3	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	40.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	21.9	--	--	--	--
	Home children - *at home*	66	22.7	--	--	--	--
	Day care children - *at home*	30	20.0	--	--	--	--
	Day care children - *at day care*	31	22.6	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	17.5	--	--	--	--
	Home children - *at home*	66	18.2	--	--	--	--
	Day care children - *at home*	31	16.1	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	14.0	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	63	7.9	--	--	--	--
	Day care children - *at day care*	24	12.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-25b. Heptachlor (76-44-8): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	3.96	6.80	21.4	124	465
	Home Children - *at home*	66	<MDL	3.35	5.60	27.0	124	465
	Day care Children - *at home*	62	<MDL	4.63	8.00	19.1	120	379
	Day care Children - *at day care*	20	1.40	3.38	5.40	10.8	284	287
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.290	0.750	4.68	39.3
	Home Children - *at home*	65	<MDL	<MDL	0.230	0.580	4.79	39.3
	Day care Children - *at home*	62	<MDL	<MDL	0.395	0.940	2.00	20.4
	Day care Children - *at day care*	13	<MDL	<MDL	0.540	1.43	54.8	54.8
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	86.5
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	86.5
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	5.16
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.03	2.03
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	68.2	552	1,610
	Home Children - *at home*	65	<MDL	<MDL	<MDL	65.7	476	1,430
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	73.3	627	1,610
	Day care Children - *at day care*	20	<MDL	<MDL	19.4	256	942	1,040
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	94.0	1,340	2,860
	Home Children - *at home*	65	<MDL	<MDL	<MDL	122	1,900	2,630
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	54.4	782	2,860
	Day care Children - *at day care*	20	<MDL	<MDL	88.5	1,700	11,700	12,200
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	55.0	124	142
	Home Children - *at home*	10	<MDL	<MDL	<MDL	77.3	142	142
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	40.4	102	102
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	27.2	1,010	1,010
	Home Children - *at home*	10	<MDL	<MDL	<MDL	69.1	1,010	1,010
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	85.5	85.5
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	12.1	283	283
	Home Children - *at home*	10	<MDL	<MDL	<MDL	74.1	283	283
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	12.1	12.1
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	397	1,540
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	360	1,540
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	727	984
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	508	527
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	396	2,020
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	219	918
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	533	2,020
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.730	1.53
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.770	1.25
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.450	1.53
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.510	0.690
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-26a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	52.3	0.200	0.233	0.127	0.883
	Home children - *at home*	66	50.0	0.201	0.253	0.124	0.883
	Day care children - *at home*	62	54.8	0.198	0.213	0.130	0.890
	Day care children - *at day care*	20	40.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	56.7	0.205	0.258	0.131	0.880
	Home children - *at home*	65	58.5	0.248	0.318	0.151	0.941
	Day care children - *at home*	62	54.8	0.160	0.165	0.112	0.792
	Day care children - *at day care*	13	69.2	0.142	0.201	0.088	0.876
Soil (ng/g)	All children - *at home*	128	70.3	36.4	143	2.14	1.99
	Home children - *at home*	65	72.3	19.8	102	1.90	1.73
	Day care children - *at home*	63	68.3	53.5	176	2.41	2.23
	Day care children - *at day care*	13	76.9	19.7	49.1	4.02	1.81
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	412	1,060	183	1.07
	Home children - *at home*	63	100.0	310	471	190	0.924
	Day care children - *at home*	55	100.0	528	1,460	175	1.22
	Day care children - *at day care*	20	100.0	1,090	3,360	301	1.22
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	855	3,910	197	1.54
	Home children - *at home*	63	100.0	449	606	192	1.53
	Day care children - *at home*	55	100.0	1,320	5,690	204	1.56
	Day care children - *at day care*	20	100.0	3,570	7,850	1,330	1.28
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	82.1	323	1,350	24.9	1.68
	Home children - *at home*	10	60.0	12.5	12.1	9.39	0.741
	Day care children - *at home*	18	94.4	495	1,670	42.8	1.82
	Day care children - *at day care*	1	100.0	12.3	.	12.3	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	66.7	38.0	51.3	13.9	1.49
	Home children - *at home*	10	60.0	31.0	49.8	11.1	1.46
	Day care children - *at home*	8	75.0	46.7	55.2	18.4	1.58
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	28.1	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	30	33.3	--	--	--	--
	Day care children - *at day care*	31	45.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	20.6	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	31	32.3	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	128	0.8	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-26b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.090	0.230	0.760	1.21
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.200	0.860	1.12
	Day care Children - *at home*	62	<MDL	<MDL	0.105	0.260	0.620	1.21
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.105	0.220	0.230
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.100	0.270	0.610	1.89
	Home Children - *at home*	65	<MDL	<MDL	0.130	0.300	0.750	1.89
	Day care Children - *at home*	62	<MDL	<MDL	0.090	0.180	0.470	0.850
	Day care Children - *at day care*	13	<MDL	<MDL	0.064	0.130	0.770	0.770
Soil (ng/g)	All Children - *at home*	128	<MDL	<MDL	1.23	5.26	116	924
	Home Children - *at home*	65	<MDL	<MDL	1.25	4.06	52.7	820
	Day care Children - *at home*	63	<MDL	<MDL	1.15	10.2	441	924
	Day care Children - *at day care*	13	<MDL	2.12	4.40	6.93	181	181
Indoor Floor Dust (ng/g)	All Children - *at home*	118	27.0	81.2	163	322	1,540	10,000
	Home Children - *at home*	63	27.6	90.5	207	322	657	3,260
	Day care Children - *at home*	55	27.0	77.7	134	324	2,190	10,000
	Day care Children - *at day care*	20	66.8	140	234	520	8,230	15,300
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	2.80	75.7	200	514	2,140	41,300
	Home Children - *at home*	63	2.80	87.5	240	534	1,770	2,900
	Day care Children - *at home*	55	22.2	61.7	155	443	3,440	41,300
	Day care Children - *at day care*	20	193	513	1,140	2,890	22,700	35,600
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	9.27	16.6	45.7	1,020	7,130
	Home Children - *at home*	10	<MDL	<MDL	7.89	15.7	44.1	44.1
	Day care Children - *at home*	18	<MDL	14.1	27.1	59.6	7,130	7,130
	Day care Children - *at day care*	1	12.3	12.3	12.3	12.3	12.3	12.3
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	57.9	57.9
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	57.9	57.9
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	22.7	22.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	8.78	82.4	154	154
	Home Children - *at home*	10	<MDL	<MDL	7.02	29.9	154	154
	Day care Children - *at home*	8	<MDL	<MDL	12.6	104	127	127
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	50.1	186	2,920
	Home Children - *at home*	66	<MDL	<MDL	<MDL	40.4	160	1,810
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	86.8	299	2,920
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	78.9	3,100	4,220
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	83.3	521
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	83.3	521
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	21.6	83.0	114
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-27a. Lindane (58-89-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	12.5	--	--	--	--
	Home children - *at home*	66	10.6	--	--	--	--
	Day care children - *at home*	62	14.5	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	11.8	--	--	--	--
	Home children - *at home*	65	6.2	--	--	--	--
	Day care children - *at home*	62	17.7	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	129	6.2	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	9.5	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	14.0	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	55	14.5	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	14.0	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	55	14.5	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	10.7	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	16.7	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	2.1	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	30	3.3	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	7.8	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	63	7.9	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	2.4	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	62	3.2	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-27b. Lindane (58-89-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	7.73	18.5
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	7.44	17.3
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	9.97	18.5
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	7.05	8.97
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.420	6.15
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.230	6.15
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.440	2.01
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.110	0.110
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.679	60.2
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	4.51
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.700	60.2
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.930	0.930
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	51.2	000
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	48.3	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	148	000
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	51.4	53.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	43.3	418
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	34.7	270
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	118	418
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	304	347
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	19.9	24.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	24.1	24.1
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	575	2,300	2,300
	Home Children - *at home*	10	<MDL	<MDL	<MDL	575	2,250	2,250
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	2,300	2,300
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	67.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	67.4
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	39.6
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	40.5	625
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	75.5
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	521	625
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.840	12.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.390	12.4
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.840	1.87
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	0.520
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-28a. Nonylphenol (104-40-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	10.9	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	62	9.7	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	65	3.1	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	50	4.0	--	--	--	--
	Day care children - *at home*	47	0.0	--	--	--	--
	Day care children - *at day care*	7	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	53	3.8	--	--	--	--
	Home children - *at home*	32	6.3	--	--	--	--
	Day care children - *at home*	21	0.0	--	--	--	--
	Day care children - *at day care*	14	7.1	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	53	3.8	--	--	--	--
	Home children - *at home*	32	6.3	--	--	--	--
	Day care children - *at home*	21	0.0	--	--	--	--
	Day care children - *at day care*	14	7.1	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	16	6.3	--	--	--	--
	Home children - *at home*	8	12.5	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	31	9.7	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	3.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	127	4.7	--	--	--	--
	Home children - *at home*	65	6.2	--	--	--	--
	Day care children - *at home*	62	3.2	--	--	--	--
	Day care children - *at day care*	24	4.2	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-28b. Nonylphenol (104-40-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	2.29	102
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	2.15	102
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	2.29	6.55
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	21.3
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	2.19
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	21.3
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	11.0
	Home Children - *at home*	50	<MDL	<MDL	<MDL	<MDL	<MDL	11.0
	Day care Children - *at home*	47	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	7	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	53	<MDL	<MDL	<MDL	<MDL	<MDL	70.7
	Home Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	70.7	70.7
	Day care Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	<MDL	35.4	35.4
Indoor Floor Dust (ng/m^2)	All Children - *at home*	53	<MDL	<MDL	<MDL	<MDL	<MDL	197
	Home Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	92.6	167
	Day care Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	<MDL	280	280
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	16	<MDL	<MDL	<MDL	<MDL	208	208
	Home Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	208	208
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	1,710
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	185	1,710
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	4.65
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1.21
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	4.65
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	1.45
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.390	1.03
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.45
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	0.340
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-29a. Pentachloronitrobenzene (82-68-8): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	13.3	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	62	17.7	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	65	3.1	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	2.5	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	2.5	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	31	3.2	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.8	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	1.6	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	1.6	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-29b. Pentachloronitrobenzene (82-68-8): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	1.18	13.6
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.420	13.6
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	1.49	12.5
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	0.900	1.17
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.410
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.410
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.150
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.530	0.530
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	70.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	7.86
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	44.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	44.4
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	42.7
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	252
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	252
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	0.710
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.710
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.060
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.060
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.030
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-30a. Pentachlorophenol (87-86-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	96.9	3.10	4.67	1.46	1.26
	Home children - *at home*	66	95.5	3.05	5.35	1.24	1.33
	Day care children - *at home*	62	98.4	3.15	3.86	1.75	1.17
	Day care children - *at day care*	20	100.0	5.12	13.9	1.71	1.17
Outdoor Air (ng/m^3)	All children - *at home*	126	94.4	1.54	4.66	0.798	1.05
	Home children - *at home*	65	90.8	1.22	1.27	0.724	1.16
	Day care children - *at home*	61	98.4	1.88	6.58	0.883	0.920
	Day care children - *at day care*	13	100.0	0.960	0.607	0.815	0.586
Soil (ng/g)	All children - *at home*	126	32.5	--	--	--	--
	Home children - *at home*	65	24.6	--	--	--	--
	Day care children - *at home*	61	41.0	--	--	--	--
	Day care children - *at day care*	13	23.1	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	91.7	172	419	65.5	1.42
	Home children - *at home*	66	92.4	169	237	80.8	1.24
	Day care children - *at home*	55	90.9	176	567	51.0	1.58
	Day care children - *at day care*	20	100.0	104	134	63.3	1.08
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	91.7	452	1,140	68.2	2.04
	Home children - *at home*	66	92.4	524	1,200	76.5	2.08
	Day care children - *at home*	55	90.9	366	1,070	59.4	1.99
	Day care children - *at day care*	20	100.0	1,100	2,130	281	1.94
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	13	46.2	--	--	--	--
	Home children - *at home*						
	Day care children - *at home*	13	46.2	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	35.7	--	--	--	--
	Home children - *at home*	66	34.8	--	--	--	--
	Day care children - *at home*	32	37.5	--	--	--	--
	Day care children - *at day care*	32	18.8	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	98	30.6	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	32	43.8	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	6.2	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	63	4.8	--	--	--	--
	Day care children - *at day care*	24	12.5	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	128	8.6	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	62	12.9	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	125	2.4	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	61	3.3	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	119	0.8	--	--	--	--
	Home children - *at home*	64	1.6	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-30b. Pentachlorophenol (87-86-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	0.595	1.50	3.29	12.0	27.5
	Home Children - *at home*	66	<MDL	0.490	1.19	2.39	14.6	27.5
	Day care Children - *at home*	62	<MDL	0.730	1.96	3.80	9.71	23.7
	Day care Children - *at day care*	20	0.500	0.770	1.16	3.75	36.3	63.3
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	0.500	0.910	1.45	3.26	52.1
	Home Children - *at home*	65	<MDL	0.400	0.910	1.59	3.35	7.71
	Day care Children - *at home*	61	<MDL	0.510	0.910	1.40	2.16	52.1
	Day care Children - *at day care*	13	0.350	0.470	0.770	1.10	2.25	2.25
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.690	2.88	9.14
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	2.14	9.14
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	0.980	3.17	6.86
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.25	2.25
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	29.4	59.8	177	492	4,220
	Home Children - *at home*	66	<MDL	35.9	68.6	202	730	1,220
	Day care Children - *at home*	55	<MDL	20.9	54.4	150	471	4,220
	Day care Children - *at day care*	20	3.38	32.4	81.3	122	407	632
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	15.9	73.1	270	2,150	7,460
	Home Children - *at home*	66	<MDL	15.9	81.6	291	3,540	6,590
	Day care Children - *at home*	55	<MDL	13.9	69.1	218	1,990	7,460
	Day care Children - *at day care*	20	2.35	114	427	901	6,740	9,060
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	64.0	156	156
	Home Children - *at home*							
	Day care Children - *at home*	13	<MDL	<MDL	<MDL	64.0	156	156
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	172	495	712
	Home Children - *at home*	66	<MDL	<MDL	<MDL	145	516	712
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	200	419	440
	Day care Children - *at day care*	32	<MDL	<MDL	<MDL	<MDL	344	436
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	49.4	155	273
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	123	261
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	79.9	158	273
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.270	1.07
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.300	0.580
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.07
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	0.770	1.17
Solid Food (Adults) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.380	1.16
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.660
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.440	1.16
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.250
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.220
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	0.250
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	119	<MDL	<MDL	<MDL	<MDL	<MDL	0.520
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	0.520
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-31a. *cis*-Permethrin (61949-76-6): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	66.4	2.13	5.15	0.463	1.76
	Home children - *at home*	66	59.1	1.37	2.54	0.361	1.70
	Day care children - *at home*	62	74.2	2.94	6.87	0.603	1.81
	Day care children - *at day care*	20	55.0	0.506	0.779	0.199	1.35
Outdoor Air (ng/m^3)	All children - *at home*	127	15.7	--	--	--	--
	Home children - *at home*	65	7.7	--	--	--	--
	Day care children - *at home*	62	24.2	--	--	--	--
	Day care children - *at day care*	13	38.5	--	--	--	--
Soil (ng/g)	All children - *at home*	129	22.5	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	63	19.0	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	100.0	6,080	29,400	995	1.53
	Home children - *at home*	66	100.0	3,880	9,780	1,030	1.52
	Day care children - *at home*	55	100.0	8,710	42,300	959	1.56
	Day care children - *at day care*	20	100.0	3,500	6,760	1,140	1.46
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	100.0	9,750	30,200	1,040	2.18
	Home children - *at home*	66	100.0	9,630	25,300	972	2.31
	Day care children - *at home*	55	100.0	9,900	35,500	1,120	2.03
	Day care children - *at day care*	20	100.0	54,400	196,000	5,070	2.12
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	92.9	1,610	2,630	353	2.06
	Home children - *at home*	10	90.0	1,930	2,810	460	2.31
	Day care children - *at home*	18	94.4	1,440	2,590	305	1.97
	Day care children - *at day care*	1	100.0	938	.	938	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	83.3	30,500	117,000	443	3.19
	Home children - *at home*	10	80.0	52,300	158,000	486	3.66
	Day care children - *at home*	8	87.5	3,100	5,080	395	2.72
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	83.3	1,640	3,190	196	2.56
	Home children - *at home*	10	90.0	1,560	2,710	292	2.38
	Day care children - *at home*	8	75.0	1,740	3,910	118	2.84
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	86.5	9,210	65,400	712	1.90
	Home children - *at home*	66	83.3	2,540	6,640	526	1.85
	Day care children - *at home*	30	93.3	23,900	116,000	1,390	1.86
	Day care children - *at day care*	31	93.5	1,660	3,850	665	1.37
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	73.2	11,400	104,000	200	2.12
	Home children - *at home*	66	72.7	698	1,540	157	1.87
	Day care children - *at home*	31	74.2	34,100	184,000	333	2.54
Solid Food (Children) (ng/g)	All children - *at home*	129	45.7	--	--	--	--
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	63	44.4	--	--	--	--
	Day care children - *at day care*	24	25.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	123	17.9	--	--	--	--
	Home children - *at home*	62	14.5	--	--	--	--
	Day care children - *at home*	61	21.3	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-31b. *cis*-Permethrin (61949-76-6): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.580	1.57	7.90	34.4
	Home Children - *at home*	66	<MDL	<MDL	0.295	1.16	7.33	14.2
	Day care Children - *at home*	62	<MDL	<MDL	0.665	1.74	14.6	34.4
	Day care Children - *at day care*	20	<MDL	<MDL	0.110	0.685	2.45	3.05
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.480	1.62
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.230	0.990
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.480	1.62
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.100	0.450	0.450
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	13.4	1,360
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.540	16.5	1,360
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	6.98	28.5
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.55	2.55
Indoor Floor Dust (ng/g)	All Children - *at home*	121	67.1	347	804	1,850	21,100	311,000
	Home Children - *at home*	66	67.1	379	951	2,420	21,100	56,000
	Day care Children - *at home*	55	114	286	802	1,550	24,300	311,000
	Day care Children - *at day care*	20	113	455	806	2,230	19,700	29,000
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	11.8	260	1,030	4,110	49,400	230,000
	Home Children - *at home*	66	16.2	131	1,030	4,030	49,400	162,000
	Day care Children - *at home*	55	11.8	364	1,030	4,720	51,400	230,000
	Day care Children - *at day care*	20	48.6	1,810	6,940	17,800	469,000	883,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	71.2	443	1,920	8,320	8,740
	Home Children - *at home*	10	<MDL	70.1	702	3,800	8,740	8,740
	Day care Children - *at home*	18	<MDL	72.2	244	1,470	8,320	8,320
	Day care Children - *at day care*	1	938	938	938	938	938	938
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	61.5	596	3,610	501,000	501,000
	Home Children - *at home*	10	<MDL	19.0	633	3,170	501,000	501,000
	Day care Children - *at home*	8	<MDL	67.8	365	4,730	14,500	14,500
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	37.6	229	1,390	11,300	11,300
	Home Children - *at home*	10	<MDL	37.6	309	1,390	8,620	8,620
	Day care Children - *at home*	8	<MDL	<MDL	124	1,160	11,300	11,300
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	262	621	2,560	14,600	640,000
	Home Children - *at home*	66	<MDL	174	530	2,000	8,070	47,300
	Day care Children - *at home*	30	<MDL	567	1,490	3,440	23,600	640,000
	Day care Children - *at day care*	31	<MDL	353	727	1,500	3,130	21,900
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	197	807	3,910	1,020,000
	Home Children - *at home*	66	<MDL	<MDL	160	704	3,580	10,300
	Day care Children - *at home*	31	<MDL	<MDL	537	1,260	14,000	1,020,000
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	0.587	15.6	80.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.500	15.6	22.8
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	0.630	13.6	80.7
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	5.17	218
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	123	<MDL	<MDL	<MDL	<MDL	0.330	1.02
	Home Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.280	1.02
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	0.330	0.530
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.060	0.550
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-32a. *trans*-Permethrin (61949-77-7): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	65.6	1.92	5.22	0.382	1.71
	Home children - *at home*	66	57.6	1.26	2.49	0.304	1.67
	Day care children - *at home*	62	74.2	2.62	7.02	0.487	1.74
	Day care children - *at day care*	20	50.0	0.451	0.681	0.185	1.32
Outdoor Air (ng/m^3)	All children - *at home*	127	15.7	--	--	--	--
	Home children - *at home*	65	7.7	--	--	--	--
	Day care children - *at home*	62	24.2	--	--	--	--
	Day care children - *at day care*	13	38.5	--	--	--	--
Soil (ng/g)	All children - *at home*	129	22.5	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	63	19.0	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	100.0	6,120	30,400	835	1.64
	Home children - *at home*	66	100.0	3,810	10,000	898	1.58
	Day care children - *at home*	55	100.0	8,900	43,800	764	1.71
	Day care children - *at day care*	20	100.0	3,600	7,120	1,110	1.45
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	100.0	9,420	29,900	869	2.25
	Home children - *at home*	66	100.0	9,030	24,300	851	2.34
	Day care children - *at home*	55	100.0	9,890	35,700	891	2.17
	Day care children - *at day care*	20	100.0	55,900	202,000	4,900	2.09
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	92.9	1,570	2,680	268	2.22
	Home children - *at home*	10	90.0	2,020	3,220	388	2.40
	Day care children - *at home*	18	94.4	1,320	2,400	218	2.15
	Day care children - *at day care*	1	100.0	732	.	732	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	83.3	34,800	135,000	414	3.26
	Home children - *at home*	10	80.0	60,100	181,000	485	3.74
	Day care children - *at home*	8	87.5	3,300	5,590	340	2.77
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	83.3	1,750	3,380	183	2.63
	Home children - *at home*	10	90.0	1,730	3,000	279	2.51
	Day care children - *at home*	8	75.0	1,760	4,030	108	2.85
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	86.5	9,310	68,100	548	1.93
	Home children - *at home*	66	83.3	2,760	7,270	454	1.93
	Day care children - *at home*	30	93.3	23,700	121,000	830	1.90
	Day care children - *at day care*	31	93.5	1,400	3,770	455	1.39
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	73.2	12,000	110,000	162	2.13
	Home children - *at home*	66	72.7	836	1,990	137	1.95
	Day care children - *at home*	31	74.2	35,800	195,000	231	2.47
Solid Food (Children) (ng/g)	All children - *at home*	128	46.1	--	--	--	--
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	62	45.2	--	--	--	--
	Day care children - *at day care*	24	25.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	121	16.5	--	--	--	--
	Home children - *at home*	62	14.5	--	--	--	--
	Day care children - *at home*	59	18.6	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-32b. *trans*-Permethrin (61949-77-7): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.360	1.26	7.62	40.9
	Home Children - *at home*	66	<MDL	<MDL	0.200	1.15	4.97	14.4
	Day care Children - *at home*	62	<MDL	<MDL	0.440	1.55	13.3	40.9
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.690	2.14	2.76
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.260	1.01
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.160	0.260
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.400	1.01
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.070	0.340	0.340
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	17.9	1,610
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.580	23.6	1,610
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	8.51	26.4
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.20	2.20
Indoor Floor Dust (ng/g)	All Children - *at home*	121	51.3	267	629	1,850	19,400	322,000
	Home Children - *at home*	66	51.3	283	803	2,510	19,400	55,900
	Day care Children - *at home*	55	62.7	231	504	1,600	31,200	322,000
	Day care Children - *at day care*	20	125	542	856	1,830	20,900	29,900
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	5.62	147	853	3,810	44,200	226,000
	Home Children - *at home*	66	12.7	110	705	3,850	44,200	161,000
	Day care Children - *at home*	55	5.62	273	911	3,810	66,000	226,000
	Day care Children - *at day care*	20	53.3	1,370	4,090	13,800	488,000	912,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	47.1	399	1,880	8,260	10,100
	Home Children - *at home*	10	<MDL	46.6	517	3,940	10,100	10,100
	Day care Children - *at home*	18	<MDL	47.5	116	1,500	8,260	8,260
	Day care Children - *at day care*	1	732	732	732	732	732	732
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	56.5	261	3,750	574,000	574,000
	Home Children - *at home*	10	<MDL	17.7	695	3,750	574,000	574,000
	Day care Children - *at home*	8	<MDL	69.5	157	5,150	15,700	15,700
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	29.5	205	1,660	11,600	11,600
	Home Children - *at home*	10	<MDL	29.5	247	1,660	9,490	9,490
	Day care Children - *at home*	8	<MDL	<MDL	104	1,130	11,600	11,600
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	148	490	1,800	12,700	667,000
	Home Children - *at home*	66	<MDL	114	349	2,240	10,500	47,700
	Day care Children - *at home*	30	<MDL	279	891	1,630	12,700	667,000
	Day care Children - *at day care*	31	<MDL	203	358	1,210	2,630	21,300
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	132	715	5,390	1,090,000
	Home Children - *at home*	66	<MDL	<MDL	102	715	4,630	10,800
	Day care Children - *at home*	31	<MDL	<MDL	229	850	7,390	1,090,000
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.580	8.70	70.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.410	9.34	20.9
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.587	8.29	70.4
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	2.96	149
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	0.160	0.840
	Home Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.280	0.840
	Day care Children - *at home*	59	<MDL	<MDL	<MDL	<MDL	0.080	0.640
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.050	0.660
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-33a. PCB 44 (41464-39-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	46.9	--	--	--	--
	Home children - *at home*	66	51.5	0.230	0.359	0.097	1.28
	Day care children - *at home*	62	41.9	--	--	--	--
	Day care children - *at day care*	20	55.0	0.706	1.02	0.176	1.91
Outdoor Air (ng/m^3)	All children - *at home*	127	22.0	--	--	--	--
	Home children - *at home*	65	16.9	--	--	--	--
	Day care children - *at home*	62	27.4	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Soil (ng/g)	All children - *at home*	129	1.6	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	15.7	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	55	23.6	--	--	--	--
	Day care children - *at day care*	20	45.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	15.7	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	55	23.6	--	--	--	--
	Day care children - *at day care*	20	45.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	10.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	11.1	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	11.1	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	1.6	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	63	1.6	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-33b. PCB 44 (41464-39-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.270	1.31	6.16
	Home Children - *at home*	66	<MDL	<MDL	0.067	0.250	1.12	1.67
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.410	1.40	6.16
	Day care Children - *at day care*	20	<MDL	<MDL	0.250	0.980	3.09	3.21
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.140	0.410
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.110	0.320
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.050	0.160	0.410
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.080	0.480	0.480
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	1.31
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1.31
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	23.6	24.2
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	12.6	38.9	44.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	22.5	181
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	17.5	181
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	42.1	50.8
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	128	247	257
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	11.1	49.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	49.1	49.1
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	11.1	11.1
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	23.9	23.9
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	23.9	23.9
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	13.6	13.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	59.0	59.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	54.0	54.0
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	59.0	59.0
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	55.8
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	55.8
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	50.6
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	50.6
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	22.4	29.3
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-34a. PCB 52 (35693-99-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	89.1	0.853	1.73	0.469	1.14
	Home children - *at home*	66	93.9	0.624	0.618	0.477	0.770
	Day care children - *at home*	62	83.9	1.10	2.39	0.459	1.44
	Day care children - *at day care*	20	100.0	1.19	1.42	0.698	1.01
Outdoor Air (ng/m^3)	All children - *at home*	127	62.2	0.105	0.112	0.073	0.840
	Home children - *at home*	65	50.8	0.084	0.090	0.059	0.796
	Day care children - *at home*	62	74.2	0.128	0.128	0.092	0.827
	Day care children - *at day care*	13	92.3	0.177	0.214	0.106	1.02
Soil (ng/g)	All children - *at home*	129	3.9	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	32.2	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	55	41.8	--	--	--	--
	Day care children - *at day care*	20	60.0	16.6	20.3	7.35	1.40
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	32.2	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	55	41.8	--	--	--	--
	Day care children - *at day care*	20	60.0	130	171	32.6	2.13
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	25.0	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	33.3	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	16	6.3	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	7	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	9.4	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	30	3.3	--	--	--	--
	Day care children - *at day care*	31	6.5	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	4.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	7.0	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	63	9.5	--	--	--	--
	Day care children - *at day care*	23	8.7	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-34b. PCB 52 (35693-99-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	0.370	0.535	0.755	2.91	18.3
	Home Children - *at home*	66	<MDL	0.370	0.495	0.670	1.43	4.71
	Day care Children - *at home*	62	<MDL	0.420	0.575	0.840	3.20	18.3
	Day care Children - *at day care*	20	0.210	0.300	0.505	1.19	4.51	5.09
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.090	0.130	0.280	0.920
	Home Children - *at home*	65	<MDL	<MDL	0.050	0.100	0.240	0.490
	Day care Children - *at home*	62	<MDL	<MDL	0.120	0.140	0.280	0.920
	Day care Children - *at day care*	13	<MDL	0.060	0.080	0.200	0.790	0.790
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	3.81
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	3.81
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.720
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.594	0.594
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	7.07	30.5	93.9
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	54.5	93.9
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	7.07	30.5	56.3
	Day care Children - *at day care*	20	<MDL	<MDL	8.20	17.2	60.9	63.5
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	8.15	43.3	447
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	47.5	447
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	9.77	43.3	49.5
	Day care Children - *at day care*	20	<MDL	<MDL	46.6	201	517	531
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	25.7	106
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	106	106
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	7.86	25.7	25.7
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	50.1	50.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	50.1	50.1
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	32.1	32.1
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	16	<MDL	<MDL	<MDL	<MDL	20.5	20.5
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	20.5	20.5
	Day care Children - *at home*	7	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	73.9	144
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	73.9	144
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	96.9
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	40.8	46.7
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	58.1
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	58.1
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	31.5	41.6
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.150	0.950
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.320
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.150	0.950
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	0.080	0.140
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-35a. PCB 70 (32698-11-1): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	45.3	--	--	--	--
	Home children - *at home*	66	48.5	--	--	--	--
	Day care children - *at home*	62	41.9	--	--	--	--
	Day care children - *at day care*	20	60.0	0.289	0.486	0.100	1.43
Outdoor Air (ng/m^3)	All children - *at home*	127	15.7	--	--	--	--
	Home children - *at home*	65	12.3	--	--	--	--
	Day care children - *at home*	62	19.4	--	--	--	--
	Day care children - *at day care*	13	38.5	--	--	--	--
Soil (ng/g)	All children - *at home*	129	1.6	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	18.2	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	55	25.5	--	--	--	--
	Day care children - *at day care*	20	45.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	18.2	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	55	25.5	--	--	--	--
	Day care children - *at day care*	20	45.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	14.3	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	16.7	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	3.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Solid Food (Children) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-35b. PCB 70 (32698-11-1): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.150	0.580	3.22
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.150	0.270	1.57
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.150	0.950	3.22
	Day care Children - *at day care*	20	<MDL	<MDL	0.090	0.190	1.59	1.72
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.070	0.320
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.064	0.140
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.100	0.320
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.050	0.430	0.430
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	1.51
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1.51
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	5.60	23.6	53.6
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	13.1	27.2	32.8
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	27.6	94.8
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	17.5	94.8
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	7.65	40.4	43.3
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	87.7	214	237
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	15.5	68.3
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	68.3	68.3
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	15.5	15.5
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	20.6	20.6
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	20.2	20.2
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	20.6	20.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	24.1	24.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	24.1	24.1
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	20.8	20.8
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	99.2
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	99.2
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	97.3
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	17.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	17.7
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-36a. PCB 77 (32598-13-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-36b. PCB 77 (32598-13-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-37a. PCB 95 (38379-99-6): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	75.8	0.192	0.580	0.092	0.938
	Home children - *at home*	66	74.2	0.144	0.303	0.090	0.809
	Day care children - *at home*	62	77.4	0.243	0.773	0.094	1.07
	Day care children - *at day care*	20	70.0	0.187	0.240	0.100	1.15
Outdoor Air (ng/m^3)	All children - *at home*	127	40.9	--	--	--	--
	Home children - *at home*	65	27.7	--	--	--	--
	Day care children - *at home*	62	54.8	0.065	0.077	0.048	0.667
	Day care children - *at day care*	13	76.9	0.080	0.085	0.057	0.815
Soil (ng/g)	All children - *at home*	129	3.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	3.2	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	35.5	--	--	--	--
	Home children - *at home*	66	34.8	--	--	--	--
	Day care children - *at home*	55	36.4	--	--	--	--
	Day care children - *at day care*	20	50.0	6.88	8.16	3.99	1.05
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	35.5	--	--	--	--
	Home children - *at home*	66	34.8	--	--	--	--
	Day care children - *at home*	55	36.4	--	--	--	--
	Day care children - *at day care*	20	50.0	59.7	96.7	17.7	1.73
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	14.3	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	16.7	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	15	13.3	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	5	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	9.4	--	--	--	--
	Home children - *at home*	66	12.1	--	--	--	--
	Day care children - *at home*	30	3.3	--	--	--	--
	Day care children - *at day care*	31	3.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	9.3	--	--	--	--
	Home children - *at home*	66	10.6	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	3.1	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	63	1.6	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-37b. PCB 95 (38379-99-6): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	0.050	0.090	0.145	0.410	5.96
	Home Children - *at home*	66	<MDL	<MDL	0.090	0.140	0.280	2.49
	Day care Children - *at home*	62	<MDL	0.050	0.085	0.160	0.580	5.96
	Day care Children - *at day care*	20	<MDL	<MDL	0.105	0.185	0.755	0.990
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.064	0.120	0.530
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.060	0.080	0.160
	Day care Children - *at home*	62	<MDL	<MDL	0.040	0.070	0.150	0.530
	Day care Children - *at day care*	13	<MDL	0.040	0.050	0.070	0.330	0.330
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	5.34
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	5.34
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.830
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	4.92	23.6	73.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	4.58	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	5.00	23.6	73.4
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	8.26	28.2	31.4
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	6.46	36.2	143
	Home Children - *at home*	66	<MDL	<MDL	<MDL	6.46	36.2	143
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	9.61	37.9	43.3
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	56.1	316	333
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	23.5	59.8
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	59.8	59.8
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	23.5	23.5
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	27.7	27.7
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	27.7	27.7
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	24.5	24.5
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	29.0	29.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	29.0	29.0
	Day care Children - *at home*	5	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	66.1	130
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	68.2	130
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	65.3
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	42.7
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	29.4	43.8
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	28.2	36.7
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	32.3	43.8
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.180
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.467
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-38a. PCB 101 (37680-73-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	52.3	0.162	0.477	0.070	1.02
	Home children - *at home*	66	59.1	0.136	0.327	0.076	0.893
	Day care children - *at home*	62	45.2	--	--	--	--
	Day care children - *at day care*	20	60.0	0.175	0.236	0.088	1.19
Outdoor Air (ng/m^3)	All children - *at home*	127	22.8	--	--	--	--
	Home children - *at home*	65	16.9	--	--	--	--
	Day care children - *at home*	62	29.0	--	--	--	--
	Day care children - *at day care*	13	61.5	0.092	0.135	0.052	1.01
Soil (ng/g)	All children - *at home*	129	3.9	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	4.8	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	34.7	--	--	--	--
	Home children - *at home*	66	34.8	--	--	--	--
	Day care children - *at home*	55	34.5	--	--	--	--
	Day care children - *at day care*	20	55.0	8.09	9.34	4.29	1.18
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	34.7	--	--	--	--
	Home children - *at home*	66	34.8	--	--	--	--
	Day care children - *at home*	55	34.5	--	--	--	--
	Day care children - *at day care*	20	55.0	68.8	120	19.0	1.72
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	7.1	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	5.6	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	15	20.0	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	11.5	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	30	3.3	--	--	--	--
	Day care children - *at day care*	31	6.5	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	12.4	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	31	6.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-38b. PCB 101 (37680-73-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	0.060	0.120	0.410	4.49
	Home Children - *at home*	66	<MDL	<MDL	0.075	0.120	0.310	2.67
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.110	0.580	4.49
	Day care Children - *at day care*	20	<MDL	<MDL	0.080	0.180	0.745	0.950
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.120	0.560
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.070	0.150
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.050	0.150	0.560
	Day care Children - *at day care*	13	<MDL	<MDL	0.050	0.080	0.510	0.510
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	7.84
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	7.84
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.04
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	7.07	23.6	147
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.07	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	7.07	30.4	147
	Day care Children - *at day care*	20	<MDL	<MDL	4.33	11.4	30.9	31.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	7.79	43.3	168
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.59	64.2	168
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	9.61	42.1	75.8
	Day care Children - *at day care*	20	<MDL	<MDL	15.8	65.6	380	470
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	35.8	73.4
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	73.4	73.4
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	35.8	35.8
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	38.7	38.7
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	14.0	14.0
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	38.7	38.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	24.0	24.0
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	22.7	22.7
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	24.0	24.0
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	73.9	181
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	101	181
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	63.1
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	53.7	56.7
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	32.3	62.3
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	32.3	53.6
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	18.0	62.3
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-39a. PCB 105 (32598-14-4): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	7.0	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	62	4.8	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.8	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	129	2.3	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	1.6	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	5.8	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	55	9.1	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	5.8	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	55	9.1	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	22.2	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-39b. PCB 105 (32598-14-4): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.090	0.360
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.090	0.360
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.260
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	0.064
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	2.23
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	2.23
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.09
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	23.6	46.7
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	7.86
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	17.5	43.3
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	19.6
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	24.1	43.3
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	229
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	27.1	27.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	12.6	27.1	27.1
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	20.6	20.6
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	65.4
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	65.4
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	135
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	135
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-40a. PCB 110 (38380-03-9): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	40.6	--	--	--	--
	Home children - *at home*	66	47.0	--	--	--	--
	Day care children - *at home*	62	33.9	--	--	--	--
	Day care children - *at day care*	20	50.0	0.128	0.155	0.075	1.03
Outdoor Air (ng/m^3)	All children - *at home*	127	16.5	--	--	--	--
	Home children - *at home*	65	15.4	--	--	--	--
	Day care children - *at home*	62	17.7	--	--	--	--
	Day care children - *at day care*	13	46.2	--	--	--	--
Soil (ng/g)	All children - *at home*	129	7.0	--	--	--	--
	Home children - *at home*	66	6.1	--	--	--	--
	Day care children - *at home*	63	7.9	--	--	--	--
	Day care children - *at day care*	12	8.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	37.2	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	55	38.2	--	--	--	--
	Day care children - *at day care*	20	70.0	8.16	7.23	5.18	1.05
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	37.2	--	--	--	--
	Home children - *at home*	66	36.4	--	--	--	--
	Day care children - *at home*	55	38.2	--	--	--	--
	Day care children - *at day care*	20	70.0	67.5	131	22.9	1.52
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	21.4	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	27.8	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	27.8	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	37.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	10	10.0	--	--	--	--
	Home children - *at home*	6	16.7	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	14.6	--	--	--	--
	Home children - *at home*	66	21.2	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	6.5	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	11.3	--	--	--	--
	Home children - *at home*	66	15.2	--	--	--	--
	Day care children - *at home*	31	3.2	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-40b. PCB 110 (38380-03-9): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	0.120	0.340	2.29
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.120	0.280	1.77
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.130	0.390	2.29
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	0.140	0.495	0.610
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.080	0.420
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.070	0.100
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.110	0.420
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.057	0.320	0.320
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.570	7.66
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.510	7.66
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.679	1.42
	Day care Children - *at day care*	12	<MDL	<MDL	<MDL	<MDL	0.670	0.670
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	7.15	23.6	176
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.15	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	9.06	25.0	176
	Day care Children - *at day care*	20	<MDL	<MDL	6.74	10.9	22.7	25.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	9.07	43.3	151
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.81	68.9	151
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	9.77	42.1	91.0
	Day care Children - *at day care*	20	<MDL	<MDL	19.6	60.8	407	574
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	36.8	56.8
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	56.8	56.8
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	7.59	36.8	36.8
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	10.6	29.9	29.9
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	22.3	22.3
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	11.9	29.9	29.9
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	16.4	16.4
	Home Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	16.4	16.4
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	110	220
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	145	220
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	41.5	92.2
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	42.3	61.6
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	42.3	61.6
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	52.0
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-41a. PCB 118 (31508-00-6): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	23.4	--	--	--	--
	Home children - *at home*	66	25.8	--	--	--	--
	Day care children - *at home*	62	21.0	--	--	--	--
	Day care children - *at day care*	20	25.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	6.3	--	--	--	--
	Home children - *at home*	65	3.1	--	--	--	--
	Day care children - *at home*	62	9.7	--	--	--	--
	Day care children - *at day care*	13	30.8	--	--	--	--
Soil (ng/g)	All children - *at home*	129	4.7	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	63	4.8	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	24.0	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	55	23.6	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	24.0	--	--	--	--
	Home children - *at home*	66	24.2	--	--	--	--
	Day care children - *at home*	55	23.6	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	10.7	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	18	11.1	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	37.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	33.3	--	--	--	--
	Home children - *at home*	10	30.0	--	--	--	--
	Day care children - *at home*	8	37.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	11.5	--	--	--	--
	Home children - *at home*	66	16.7	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	7.2	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	31	3.2	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-41b. PCB 118 (31508-00-6): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.200	1.09
	Home Children - *at home*	66	<MDL	<MDL	<MDL	0.064	0.190	1.09
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.220	0.960
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	0.225	0.240
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.064	0.230
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.150
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.070	0.230
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.057	0.240	0.240
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	5.66
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	5.66
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.41
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.610	0.610
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	153
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	23.6	153
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	9.29	14.4	14.7
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	36.8	87.5
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	36.8	87.5
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	42.1	78.8
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	26.8	291	448
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	24.5	43.4
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	43.4	43.4
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	24.5	24.5
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	19.0	19.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	7.96	19.0	19.0
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	10.3	15.5	15.5
	Home Children - *at home*	10	<MDL	<MDL	<MDL	9.82	15.5	15.5
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	10.9	11.5	11.5
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	74.8	143
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	110	143
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	27.3	40.0
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	27.3	40.0
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	31.1
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-42a. PCB 138 (35065-28-2): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	12.5	--	--	--	--
	Home children - *at home*	66	13.6	--	--	--	--
	Day care children - *at home*	62	11.3	--	--	--	--
	Day care children - *at day care*	20	15.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	3.2	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Soil (ng/g)	All children - *at home*	129	9.3	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	63	9.5	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	18.2	--	--	--	--
	Home children - *at home*	66	18.2	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	30.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	18.2	--	--	--	--
	Home children - *at home*	66	18.2	--	--	--	--
	Day care children - *at home*	55	18.2	--	--	--	--
	Day care children - *at day care*	20	30.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	3.6	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	5.6	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	3.1	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-42b. PCB 138 (35065-28-2): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.120	0.480
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.120	0.480
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.120	0.480
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	0.135	0.150
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.120
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.120
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.130	0.130
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	1.07	7.67
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	1.07	7.67
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	1.02	1.68
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.640	0.640
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	115
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	23.6	115
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	3.28	18.7	21.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	42.1	298
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	61.4	298
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	42.1	59.2
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	17.7	301	493
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	17.2
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	17.2	17.2
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	127
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	127
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	41.3
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	41.3
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-43a. PCB 153 (35065-27-1): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	20.3	--	--	--	--
	Home children - *at home*	66	19.7	--	--	--	--
	Day care children - *at home*	62	21.0	--	--	--	--
	Day care children - *at day care*	20	25.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	3.2	--	--	--	--
	Day care children - *at day care*	13	15.4	--	--	--	--
Soil (ng/g)	All children - *at home*	129	9.3	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	63	9.5	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	28.9	--	--	--	--
	Home children - *at home*	66	30.3	--	--	--	--
	Day care children - *at home*	55	27.3	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	28.9	--	--	--	--
	Home children - *at home*	66	30.3	--	--	--	--
	Day care children - *at home*	55	27.3	--	--	--	--
	Day care children - *at day care*	20	40.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	3.6	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	5.6	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	11.1	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	16.7	--	--	--	--
	Home children - *at home*	10	20.0	--	--	--	--
	Day care children - *at home*	8	12.5	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	5.2	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-43b. PCB 153 (35065-27-1): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.170	0.480
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.130	0.480
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.170	0.430
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	0.150	0.180
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.140	0.140
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	1.19	5.06
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	1.19	5.06
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.990	3.85
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	1.13	1.13
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	6.60	23.6	106
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.07	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	5.62	28.9	106
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	7.10	18.6	20.8
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	7.90	43.3	327
	Home Children - *at home*	66	<MDL	<MDL	<MDL	7.90	68.8	327
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	8.11	42.1	54.4
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	35.0	195	274
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	27.1
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	27.1	27.1
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	17.6	17.6
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	13.6	13.6
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	17.6	17.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	29.0	29.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	29.0	29.0
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	8.20	8.20
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	40.4	115
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	42.4	115
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	81.5
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	81.5
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-44a. PCB 180 (35065-29-3): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	5.5	--	--	--	--
	Home children - *at home*	66	4.5	--	--	--	--
	Day care children - *at home*	62	6.5	--	--	--	--
	Day care children - *at day care*	20	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	65	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	129	7.8	--	--	--	--
	Home children - *at home*	66	9.1	--	--	--	--
	Day care children - *at home*	63	6.3	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	10.7	--	--	--	--
	Home children - *at home*	66	10.6	--	--	--	--
	Day care children - *at home*	55	10.9	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	10.7	--	--	--	--
	Home children - *at home*	66	10.6	--	--	--	--
	Day care children - *at home*	55	10.9	--	--	--	--
	Day care children - *at day care*	20	20.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	28	3.6	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	18	5.6	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	18	5.6	--	--	--	--
	Home children - *at home*	10	10.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	30	0.0	--	--	--	--
	Day care children - *at day care*	31	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	66	1.5	--	--	--	--
	Day care children - *at home*	31	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	62	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-44b. PCB 180 (35065-29-3): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.064	0.420
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	0.130
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.064	0.420
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.070	0.070
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	0.700	3.24
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.690	2.64
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	0.700	3.24
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	0.890	0.890
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	23.6	70.7
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	23.6	39.6
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	14.7	20.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	22.5	174
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	33.6	174
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	22.5	43.3
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	200	266
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	11.0
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	11.0	11.0
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	79.6	79.6
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	79.6	79.6
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	94.1
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	94.1
	Day care Children - *at home*	30	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	966
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	966
	Day care Children - *at home*	31	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-45a. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (93-76-5): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	7.0	--	--	--	--
	Home children - *at home*	66	7.6	--	--	--	--
	Day care children - *at home*	62	6.5	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	8.7	--	--	--	--
	Home children - *at home*	65	10.8	--	--	--	--
	Day care children - *at home*	61	6.6	--	--	--	--
	Day care children - *at day care*	13	7.7	--	--	--	--
Soil (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	65	1.5	--	--	--	--
	Day care children - *at home*	61	0.0	--	--	--	--
	Day care children - *at day care*	13	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	55	0.0	--	--	--	--
	Day care children - *at day care*	20	5.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*						
	Day care children - *at home*	13	0.0	--	--	--	--
	Day care children - *at day care*	1	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	32	0.0	--	--	--	--
	Day care children - *at day care*	32	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	98	0.0	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	32	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	129	1.6	--	--	--	--
	Home children - *at home*	66	3.0	--	--	--	--
	Day care children - *at home*	63	0.0	--	--	--	--
	Day care children - *at day care*	24	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	128	0.8	--	--	--	--
	Home children - *at home*	66	0.0	--	--	--	--
	Day care children - *at home*	62	1.6	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	61	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	64	0.0	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-45b. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (93-76-5): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	0.670	2.12
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	0.590	1.04
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	0.790	2.12
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	0.630
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.490	1.66
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	0.590	1.56
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	0.330	1.66
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	2.21	2.21
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	1.12
	Home Children - *at home*	65	<MDL	<MDL	<MDL	<MDL	<MDL	1.12
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	23.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	20	<MDL	<MDL	<MDL	<MDL	<MDL	43.1
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	0						
	Day care Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	0						
	Home Children - *at home*	0						
	Day care Children - *at home*	0						
	Day care Children - *at day care*	0						
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	32	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	129	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
	Day care Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	24	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*	128	<MDL	<MDL	<MDL	<MDL	<MDL	1.37
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.37
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	61	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table I-46a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Summaries of concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	128	99.2	5.00	13.3	1.91	1.30
	Home children - *at home*	66	98.5	3.63	7.14	1.57	1.27
	Day care children - *at home*	62	100.0	6.46	17.6	2.36	1.32
	Day care children - *at day care*	20	95.0	2.61	3.26	1.08	1.47
Outdoor Air (ng/m^3)	All children - *at home*	127	89.0	0.466	0.951	0.251	0.963
	Home children - *at home*	65	92.3	0.421	0.667	0.247	0.927
	Day care children - *at home*	62	85.5	0.513	1.18	0.257	1.01
	Day care children - *at day care*	13	76.9	0.211	0.193	0.143	0.942
Soil (ng/g)	All children - *at home*	129	71.3	3.61	14.9	0.616	1.44
	Home children - *at home*	66	63.6	4.18	15.9	0.513	1.56
	Day care children - *at home*	63	79.4	3.02	13.9	0.746	1.29
	Day care children - *at day care*	13	46.2	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	121	100.0	309	791	105	1.37
	Home children - *at home*	66	100.0	282	577	110	1.37
	Day care children - *at home*	55	100.0	341	994	99.1	1.38
	Day care children - *at day care*	20	100.0	93.9	100	51.0	1.30
Indoor Floor Dust (ng/m^2)	All children - *at home*	121	100.0	1,050	3,810	109	2.24
	Home children - *at home*	66	100.0	609	1,400	104	2.23
	Day care children - *at home*	55	100.0	1,580	5,410	116	2.26
	Day care children - *at day care*	20	100.0	836	1,260	226	1.86
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	13	100.0	65.9	63.5	48.3	0.771
	Home children - *at home*						
	Day care children - *at home*	13	100.0	65.9	63.5	48.3	0.771
	Day care children - *at day care*	1	100.0	52.5	.	52.5	.
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	99	100.0	230	215	181	0.655
	Home children - *at home*	66	100.0	238	247	184	0.659
	Day care children - *at home*	33	100.0	213	130	176	0.657
	Day care children - *at day care*	32	87.5	122	75.7	99.4	0.681
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	98	100.0	125	127	93.3	0.724
	Home children - *at home*	66	100.0	124	149	84.8	0.793
	Day care children - *at home*	32	100.0	128	61.8	114	0.510
Solid Food (Children) (ng/g)	All children - *at home*	128	98.4	3.05	2.79	2.09	0.972
	Home children - *at home*	66	98.5	3.52	3.23	2.46	0.951
	Day care children - *at home*	62	98.4	2.55	2.14	1.77	0.972
	Day care children - *at day care*	24	100.0	3.78	3.34	2.83	0.843
Solid Food (Adults) (ng/g)	All children - *at home*	129	98.4	3.65	3.92	2.41	0.996
	Home children - *at home*	66	98.5	3.71	4.02	2.45	0.980
	Day care children - *at home*	63	98.4	3.59	3.83	2.36	1.02
Liquid Food (Children) (ng/mL)	All children - *at home*	127	41.7	--	--	--	--
	Home children - *at home*	65	47.7	--	--	--	--
	Day care children - *at home*	62	35.5	--	--	--	--
	Day care children - *at day care*	24	58.3	0.088	0.076	0.046	1.34
Liquid Food (Adults) (ng/mL)	All children - *at home*	121	35.5	--	--	--	--
	Home children - *at home*	64	35.9	--	--	--	--
	Day care children - *at home*	57	35.1	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table I-46b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Reported Concentrations in NC multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	128	<MDL	0.875	1.94	3.97	19.4	135
	Home Children - *at home*	66	<MDL	0.680	1.56	3.20	13.6	51.3
	Day care Children - *at home*	62	0.090	1.17	2.17	5.12	20.1	135
	Day care Children - *at day care*	20	<MDL	0.335	0.930	4.85	9.39	9.80
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	0.130	0.230	0.400	1.76	9.06
	Home Children - *at home*	65	<MDL	0.140	0.210	0.400	1.33	4.77
	Day care Children - *at home*	62	<MDL	0.130	0.275	0.400	1.83	9.06
	Day care Children - *at day care*	13	<MDL	0.080	0.130	0.300	0.700	0.700
Soil (ng/g)	All Children - *at home*	129	<MDL	<MDL	0.570	1.25	10.7	111
	Home Children - *at home*	66	<MDL	<MDL	0.340	0.910	13.1	94.3
	Day care Children - *at home*	63	<MDL	0.280	0.820	1.67	4.42	111
	Day care Children - *at day care*	13	<MDL	<MDL	<MDL	0.350	1.70	1.70
Indoor Floor Dust (ng/g)	All Children - *at home*	121	2.50	50.4	95.8	222	1,070	6,860
	Home Children - *at home*	66	2.50	48.5	111	240	1,070	3,820
	Day care Children - *at home*	55	3.96	50.4	87.0	173	1,220	6,860
	Day care Children - *at day care*	20	3.16	27.0	65.8	105	333	370
Indoor Floor Dust (ng/m^2)	All Children - *at home*	121	0.080	26.6	83.3	514	3,690	32,700
	Home Children - *at home*	66	0.080	23.9	91.6	514	2,770	9,670
	Day care Children - *at home*	55	0.120	27.7	76.7	553	5,980	32,700
	Day care Children - *at day care*	20	4.08	67.9	205	820	3,570	3,670
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	13	19.6	27.5	49.7	61.7	237	237
	Home Children - *at home*							
	Day care Children - *at home*	13	19.6	27.5	49.7	61.7	237	237
	Day care Children - *at day care*	1	52.5	52.5	52.5	52.5	52.5	52.5
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	99	41.1	121	191	264	543	1,660
	Home Children - *at home*	66	50.0	120	191	249	543	1,660
	Day care Children - *at home*	33	41.1	124	174	283	452	625
	Day care Children - *at day care*	32	<MDL	66.3	102	170	288	322
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	98	19.2	56.7	89.2	151	298	863
	Home Children - *at home*	66	19.2	51.0	80.9	126	464	863
	Day care Children - *at home*	32	30.9	78.6	112	168	256	298
Solid Food (Children) (ng/g)	All Children - *at home*	128	<MDL	1.45	2.27	3.81	8.57	18.1
	Home Children - *at home*	66	<MDL	1.69	2.63	4.25	10.1	18.1
	Day care Children - *at home*	62	<MDL	1.32	1.99	2.99	6.15	11.1
	Day care Children - *at day care*	24	0.250	2.35	2.92	4.49	6.59	17.5
Solid Food (Adults) (ng/g)	All Children - *at home*	129	<MDL	1.75	2.72	4.08	10.4	25.4
	Home Children - *at home*	66	<MDL	1.75	2.67	3.68	10.4	25.4
	Day care Children - *at home*	63	<MDL	1.65	2.77	4.36	7.15	23.1
Liquid Food (Children) (ng/mL)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.140	0.410	0.850
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.140	0.280	0.760
	Day care Children - *at home*	62	<MDL	<MDL	<MDL	0.130	0.600	0.850
	Day care Children - *at day care*	24	<MDL	<MDL	0.100	0.140	0.210	0.240
Liquid Food (Adults) (ng/mL)	All Children - *at home*	121	<MDL	<MDL	<MDL	0.120	0.260	0.340
	Home Children - *at home*	64	<MDL	<MDL	<MDL	0.120	0.220	0.280
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.120	0.290	0.340

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Appendix J

Descriptive Statistics of CTEPP Pollutant/Metabolite Measurements in OH Multimedia Samples

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This appendix contains tables of descriptive statistics of OH multimedia data for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers	Pollutant/Metabolite	Table Numbers
Aldrin	Tables J-1a, J-1b	Endrin	Tables J-24a, J-24b
Atrazine	Tables J-2a, J-2b	Heptachlor	Tables J-25a, J-25b
Benz[*a*]anthracene	Tables J-3a, J-3b	Indeno[1,2,3-*cd*]pyrene	Tables J-26a, J-26b
Benzo[*b*]fluoranthene	Tables J-4a, J-4b	IMP	Tables J-27a, J-27b
Benzo[*k*]fluoranthene	Tables J-5a, J-5b	Lindane	Tables J-28a, J-28b
Benzo[*ghi*]perylene	Tables J-6a, J-6b	Nonylphenol	Tables J-29a, J-29b
Benzo[*a*]pyrene	Tables J-7a, J-7b	Pentachloronitrobenzene	Tables J-30a, J-30b
Benzo[*e*]pyrene	Tables J-8a, J-8b	Pentachlorophenol	Tables J-31a, J-31b
Benzylbutylphthalate	Tables J-9a, J-9b	*cis*-Permethrin	Tables J-32a, J-32b
Bisphenol-A	Tables J-10a, J-10b	*trans*-Permethrin	Tables J-33a, J-33b
alpha-Chlordane	Tables J-11a, J-11b	PCB 44	Tables J-34a, J-34b
gamma-Chlordane	Tables J-12a, J-12b	PCB 52	Tables J-35a, J-35b
Chlorpyrifos	Tables J-13a, J-13b	PCB 70	Tables J-36a, J-36b
Chrysene	Tables J-14a, J-14b	PCB 77	Tables J-37a, J-37b
Cyfluthrin	Tables J-15a, J-15b	PCB 95	Tables J-38a, J-38b
Diazinon	Tables J-16a, J-16b	PCB 101	Tables J-39a, J-39b
Dibenzo[*a,h*]anthracene	Tables J-17a, J-17b	PCB 105	Tables J-40a, J-40b
Di-*n*-butylphthalate	Tables J-18a, J-18b	PCB 110	Tables J-41a, J-41b
Dicamba	Tables J-19a, J-19b	PCB 118	Tables J-42a, J-42b
p,p'-DDE	Tables J-20a, J-20b	PCB 138	Tables J-43a, J-43b
p,p'-DDT	Tables J-21a, J-21b	PCB 153	Tables J-44a, J-44b
2,4-D	Tables J-22a, J-22b	PCB 180	Tables J-45a, J-45b
Dieldrin	Tables J-23a, J-23b	2,4,5-T	Tables J-46a, J-46b
		3,5,6-TCP	Tables J-47a, J-47b

For each media type, descriptive statistics are presented separately for the following four groups of samples:

- Samples collected at the homes of study participants
  - Samples collected at the homes of stay-at-home children only
  - Samples collected at the homes of day-care children only
- Samples collected at participating day care centers

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Table J-1a. Aldrin (309-00-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	3.2	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	7.1	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	5.2	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	0.8	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	0.8	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	4.8	--	--	--	--
	Home children - *at home*	15	6.7	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	68	0.0	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-1b. Aldrin (309-00-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	243
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	1.28	243
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.490
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.490
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.290
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	187
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	2.08	187
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	94.6
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	94.6
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	207	220
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	144
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	144
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	76.0	81.7
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	28.3
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	28.3	28.3
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	1,580
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	1,580
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	0.580
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.270
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-2a. Atrazine (1912-24-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Drinking Water (ng/mL)	All children - *at home*	125	56.8	0.078	0.124	0.029	1.42
	Home children - *at home*	67	50.7	0.080	0.146	0.026	1.47
	Day care children - *at home*	58	63.8	0.076	0.095	0.034	1.36
	Day care children - *at day care*	16	75.0	0.107	0.144	0.048	1.39

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-2b. Atrazine (1912-24-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Drinking Water (ng/mL)	All Children - *at home*	125	<MDL	<MDL	0.036	0.086	0.296	0.915
	Home Children - *at home*	67	<MDL	<MDL	0.012	0.086	0.322	0.915
	Day care Children - *at home*	58	<MDL	<MDL	0.042	0.129	0.296	0.455
	Day care Children - *at day care*	16	<MDL	<MDL	0.047	0.135	0.554	0.554

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-3a. Benz[*a*]anthracene (56-55-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	39.2	--	--	--	--
	Home children - *at home*	69	34.8	--	--	--	--
	Day care children - *at home*	56	44.6	--	--	--	--
	Day care children - *at day care*	22	31.8	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	111	25.2	--	--	--	--
	Home children - *at home*	60	21.7	--	--	--	--
	Day care children - *at home*	51	29.4	--	--	--	--
	Day care children - *at day care*	14	28.6	--	--	--	--
Soil (ng/g)	All children - *at home*	126	90.5	156	369	16.1	2.43
	Home children - *at home*	68	92.6	105	227	13.6	2.28
	Day care children - *at home*	58	87.9	216	481	19.6	2.59
	Day care children - *at day care*	16	100.0	51.1	76.1	15.3	1.81
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	1,620	3,780	575	1.29
	Home children - *at home*	63	100.0	1,390	2,850	496	1.34
	Day care children - *at home*	57	100.0	1,880	4,610	676	1.23
	Day care children - *at day care*	23	100.0	1,810	1,490	1,390	0.749
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	1,740	2,850	630	1.49
	Home children - *at home*	63	100.0	1,530	3,200	443	1.54
	Day care children - *at home*	57	100.0	1,970	2,410	931	1.34
	Day care children - *at day care*	23	100.0	11,100	13,100	3,700	1.90
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	37.3	34.9	26.2	0.861
	Home children - *at home*	15	93.3	26.1	20.9	20.0	0.758
	Day care children - *at home*	6	100.0	65.2	48.2	51.1	0.779
	Day care children - *at day care*	3	100.0	18.3	18.7	13.1	0.964
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	50.0	7.70	4.11	7.01	0.485
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	61.5	12.7	16.8	7.92	0.930
	Home children - *at home*	9	44.4	--	--	--	--
	Day care children - *at home*	4	100.0	12.4	2.86	12.2	0.225
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	61.5	149	352	65.2	1.04
	Home children - *at home*	67	59.7	162	411	62.6	1.07
	Day care children - *at home*	29	65.5	119	140	71.5	0.986
	Day care children - *at day care*	29	58.6	191	518	62.4	1.21
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	54.6	30.2	34.3	22.5	0.671
	Home children - *at home*	69	50.7	30.8	38.9	21.8	0.708
	Day care children - *at home*	28	64.3	28.8	19.7	24.2	0.575
Solid Food (Children) (ng/g)	All children - *at home*	127	31.5	--	--	--	--
	Home children - *at home*	69	33.3	--	--	--	--
	Day care children - *at home*	58	29.3	--	--	--	--
	Day care children - *at day care*	29	13.8	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-3b. Benz[a]anthracene (56-55-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.130	0.410	1.94
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.100	0.260	0.560
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.175	0.570	1.94
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.090	0.130	0.170
Outdoor Air (ng/m^3)	All Children - *at home*	111	<MDL	<MDL	<MDL	0.070	0.200	0.460
	Home Children - *at home*	60	<MDL	<MDL	<MDL	<MDL	0.185	0.290
	Day care Children - *at home*	51	<MDL	<MDL	<MDL	0.090	0.240	0.460
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	0.064	0.350	0.350
Soil (ng/g)	All Children - *at home*	126	<MDL	1.95	15.4	93.1	835	2,380
	Home Children - *at home*	68	<MDL	1.60	14.9	53.3	599	1,360
	Day care Children - *at home*	58	<MDL	2.41	16.8	146	1,280	2,380
	Day care Children - *at day care*	16	1.06	3.24	19.9	67.6	266	266
Indoor Floor Dust (ng/g)	All Children - *at home*	120	41.4	224	565	1,040	7,560	27,600
	Home Children - *at home*	63	41.4	207	475	920	6,120	15,100
	Day care Children - *at home*	57	87.5	256	707	1,170	9,740	27,600
	Day care Children - *at day care*	23	273	786	1,780	2,210	3,780	7,180
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	23.7	218	619	1,860	7,410	18,700
	Home Children - *at home*	63	23.7	145	314	1,260	6,720	18,700
	Day care Children - *at home*	57	42.0	384	1,010	2,630	8,320	9,890
	Day care Children - *at day care*	23	68.2	514	6,220	22,400	37,700	47,700
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	18.3	22.5	45.0	113	136
	Home Children - *at home*	15	<MDL	10.6	19.8	29.2	74.9	74.9
	Day care Children - *at home*	6	21.4	22.5	49.2	113	136	136
	Day care Children - *at day care*	3	7.17	7.17	7.93	39.9	39.9	39.9
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.45	28.1	28.1
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	28.1	28.1
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	10.5	13.6	13.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	8.38	13.0	66.1	66.1
	Home Children - *at home*	9	<MDL	<MDL	<MDL	8.38	66.1	66.1
	Day care Children - *at home*	4	9.69	10.3	11.9	14.6	16.2	16.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	43.4	111	509	2,680
	Home Children - *at home*	67	<MDL	<MDL	41.6	95.0	509	2,680
	Day care Children - *at home*	29	<MDL	<MDL	69.2	132	484	513
	Day care Children - *at day care*	29	<MDL	<MDL	40.7	99.6	619	2,780
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	20.4	32.2	90.0	205
	Home Children - *at home*	69	<MDL	<MDL	15.7	31.4	93.5	205
	Day care Children - *at home*	28	<MDL	<MDL	25.3	32.5	84.4	90.0
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.090	0.190	7.26
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.090	0.140	7.26
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.090	1.02	2.25
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.092	0.160
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-4a. Benzo[*b*]fluoranthene (205-99-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	27.2	--	--	--	--
	Home children - *at home*	69	21.7	--	--	--	--
	Day care children - *at home*	56	33.9	--	--	--	--
	Day care children - *at day care*	22	27.3	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	35.4	--	--	--	--
	Home children - *at home*	69	27.5	--	--	--	--
	Day care children - *at home*	58	44.8	--	--	--	--
	Day care children - *at day care*	16	43.8	--	--	--	--
Soil (ng/g)	All children - *at home*	126	90.5	253	565	27.0	2.49
	Home children - *at home*	68	91.2	189	385	24.4	2.36
	Day care children - *at home*	58	89.7	329	718	30.4	2.65
	Day care children - *at day care*	16	100.0	87.4	126	29.6	1.67
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	3,820	8,820	1,470	1.23
	Home children - *at home*	63	100.0	3,170	5,970	1,330	1.24
	Day care children - *at home*	57	100.0	4,540	11,200	1,640	1.22
	Day care children - *at day care*	23	100.0	4,740	3,780	3,700	0.722
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	4,240	7,470	1,610	1.43
	Home children - *at home*	63	100.0	3,900	8,860	1,180	1.46
	Day care children - *at home*	57	100.0	4,630	5,610	2,260	1.32
	Day care children - *at day care*	23	100.0	30,500	35,700	9,830	1.90
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	87.0	77.6	56.8	1.04
	Home children - *at home*	15	93.3	63.1	50.3	43.3	1.00
	Day care children - *at home*	6	100.0	147	105	112	0.860
	Day care children - *at day care*	3	100.0	90.5	63.8	73.8	0.823
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	46.2	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	75.0	14.5	8.17	12.5	0.681
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	92.3	46.7	68.8	23.2	1.21
	Home children - *at home*	9	88.9	47.3	82.4	18.3	1.36
	Day care children - *at home*	4	100.0	45.1	28.5	39.9	0.547
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	83.3	419	1,100	156	1.24
	Home children - *at home*	67	82.1	494	1,300	160	1.31
	Day care children - *at home*	29	86.2	245	250	148	1.08
	Day care children - *at day care*	29	82.8	464	1,120	135	1.44
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	71.1	69.8	92.3	41.9	0.970
	Home children - *at home*	69	69.6	77.0	105	43.2	1.04
	Day care children - *at home*	28	75.0	52.1	42.8	38.8	0.792
Solid Food (Children) (ng/g)	All children - *at home*	127	40.9	--	--	--	--
	Home children - *at home*	69	40.6	--	--	--	--
	Day care children - *at home*	58	41.4	--	--	--	--
	Day care children - *at day care*	29	31.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	28	7.1	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-4b. Benzo[*b*]fluoranthene (205-99-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.110	0.550	4.00
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.260	1.26
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.150	0.770	4.00
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.110	0.260	0.340
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.160	0.500	1.90
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.130	0.370	1.17
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.170	0.590	1.90
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.130	0.360	0.360
Soil (ng/g)	All Children - *at home*	126	<MDL	4.23	33.1	177	1,240	3,800
	Home Children - *at home*	68	<MDL	4.30	31.8	93.9	1,100	1,930
	Day care Children - *at home*	58	<MDL	4.05	33.4	230	2,040	3,800
	Day care Children - *at day care*	16	1.75	6.72	34.6	96.7	452	452
Indoor Floor Dust (ng/g)	All Children - *at home*	120	121	640	1,550	2,400	17,500	69,000
	Home Children - *at home*	63	121	607	1,340	2,160	12,800	34,000
	Day care Children - *at home*	57	192	709	1,750	2,500	26,000	69,000
	Day care Children - *at day care*	23	824	2,280	4,190	5,700	9,690	18,500
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	73.9	574	1,750	3,980	18,400	52,500
	Home Children - *at home*	63	73.9	463	924	2,590	16,800	52,500
	Day care Children - *at home*	57	101	1,140	2,430	5,850	20,000	24,500
	Day care Children - *at day care*	23	206	1,480	13,400	61,100	97,200	117,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	38.5	53.5	133	217	311
	Home Children - *at home*	15	<MDL	19.7	49.3	94.4	161	161
	Day care Children - *at home*	6	38.8	41.0	137	217	311	311
	Day care Children - *at day care*	3	30.8	30.8	83.0	158	158	158
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	14.7	49.8	49.8
	Home Children - *at home*	9	<MDL	<MDL	<MDL	12.1	49.8	49.8
	Day care Children - *at home*	4	<MDL	<MDL	14.2	19.8	24.8	24.8
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	13.7	24.8	37.7	257	257
	Home Children - *at home*	9	<MDL	8.16	13.8	24.8	257	257
	Day care Children - *at home*	4	25.2	27.8	34.1	62.5	87.2	87.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	80.0	125	353	1,270	8,810
	Home Children - *at home*	67	<MDL	77.4	124	354	1,450	8,810
	Day care Children - *at home*	29	<MDL	84.1	151	300	685	1,070
	Day care Children - *at day care*	29	<MDL	44.6	102	322	1,770	5,830
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	42.6	78.5	211	561
	Home Children - *at home*	69	<MDL	<MDL	44.0	78.9	288	561
	Day care Children - *at home*	28	<MDL	<MDL	41.7	74.1	131	200
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.130	0.270	10.2
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.130	0.230	10.2
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.130	1.33	2.89
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	0.110	0.180	0.350
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	0.040	0.120
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-5a. Benzo[*k*]fluoranthene (207-08-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	20.8	--	--	--	--
	Home children - *at home*	69	14.5	--	--	--	--
	Day care children - *at home*	56	28.6	--	--	--	--
	Day care children - *at day care*	22	22.7	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	24.4	--	--	--	--
	Home children - *at home*	69	20.3	--	--	--	--
	Day care children - *at home*	58	29.3	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	91.3	95.5	207	13.2	2.21
	Home children - *at home*	68	91.2	71.3	143	11.4	2.12
	Day care children - *at home*	58	91.4	124	262	15.7	2.32
	Day care children - *at day care*	16	100.0	35.0	46.9	13.6	1.60
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	1,360	3,070	521	1.24
	Home children - *at home*	63	100.0	1,170	2,270	478	1.26
	Day care children - *at home*	57	100.0	1,570	3,770	574	1.23
	Day care children - *at day care*	23	100.0	1,700	1,300	1,360	0.686
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	1,490	2,620	572	1.40
	Home children - *at home*	63	100.0	1,400	3,150	426	1.44
	Day care children - *at home*	57	100.0	1,590	1,890	790	1.29
	Day care children - *at day care*	23	100.0	10,300	12,100	3,620	1.77
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	90.5	37.6	32.2	25.8	0.934
	Home children - *at home*	15	86.7	28.2	23.4	20.1	0.885
	Day care children - *at home*	6	100.0	61.2	41.1	48.4	0.797
	Day care children - *at day care*	3	100.0	28.5	27.8	20.4	0.993
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	38.5	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	50.0	7.32	3.49	6.78	0.437
	Day care children - *at day care*	13	84.6	18.3	28.2	10.4	0.988
Transferable Residues (ng/m^2)	All children - *at home*	9	77.8	19.4	34.1	8.97	1.14
	Home children - *at home*	4	100.0	15.6	7.64	14.3	0.482
	Day care children - *at home*						
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	77.1	174	384	82.6	1.04
	Home children - *at home*	67	74.6	184	449	78.9	1.05
	Day care children - *at home*	29	82.8	151	157	91.9	1.02
	Day care children - *at day care*	29	58.6	177	342	71.8	1.23
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	61.9	36.9	37.7	26.5	0.755
	Home children - *at home*	69	63.8	38.6	41.8	27.0	0.781
	Day care children - *at home*	28	57.1	32.7	25.3	25.4	0.697
Solid Food (Children) (ng/g)	All children - *at home*	127	18.1	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	58	19.0	--	--	--	--
	Day care children - *at day care*	29	6.9	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	7.1	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-5b. Benzo[*k*]fluoranthene (207-08-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.170	0.720
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.170	0.260
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.090	0.200	0.720
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.100	0.180
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.140	0.330
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.140	0.330
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.090	0.160	0.250
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.064	0.150	0.150
Soil (ng/g)	All Children - *at home*	126	<MDL	2.43	11.8	71.4	461	1,350
	Home Children - *at home*	68	<MDL	2.00	12.0	35.8	418	727
	Day care Children - *at home*	58	<MDL	3.11	10.5	93.3	809	1,350
	Day care Children - *at day care*	16	0.880	5.68	15.0	45.0	166	166
Indoor Floor Dust (ng/g)	All Children - *at home*	120	39.6	248	518	884	6,420	22,900
	Home Children - *at home*	63	39.6	242	423	834	4,620	12,400
	Day care Children - *at home*	57	69.7	254	616	900	9,010	22,900
	Day care Children - *at day care*	23	406	837	1,520	1,960	3,720	6,390
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	40.2	202	591	1,400	6,090	18,300
	Home Children - *at home*	63	40.2	152	322	1,000	5,580	18,300
	Day care Children - *at home*	57	48.5	321	803	2,050	6,610	8,120
	Day care Children - *at day care*	23	102	701	4,540	20,900	33,600	40,100
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	14.6	22.3	57.7	86.3	123
	Home Children - *at home*	15	<MDL	10.0	21.1	41.2	79.3	79.3
	Day care Children - *at home*	6	17.3	20.6	60.0	86.3	123	123
	Day care Children - *at day care*	3	8.55	8.55	16.5	60.3	60.3	60.3
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.59	24.1	24.1
	Home Children - *at home*	9	<MDL	<MDL	<MDL	7.59	24.1	24.1
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	9.76	12.3	12.3
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	4.78	9.25	15.5	109	109
	Home Children - *at home*	9	<MDL	4.65	6.01	13.3	109	109
	Day care Children - *at home*	4	8.20	10.4	14.0	20.8	26.1	26.1
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	38.1	64.3	151	548	3,150
	Home Children - *at home*	67	<MDL	<MDL	62.3	120	497	3,150
	Day care Children - *at home*	29	<MDL	44.7	82.5	211	548	554
	Day care Children - *at day care*	29	<MDL	<MDL	48.8	133	705	1,730
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	21.9	44.8	109	219
	Home Children - *at home*	69	<MDL	<MDL	22.0	42.5	143	219
	Day care Children - *at home*	28	<MDL	<MDL	20.8	51.5	80.0	95.2
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.150	3.48
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.120	3.48
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.560	0.930
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.150	0.260
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	0.040	0.080
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-6a. Benzo[*ghi*]perylene (191-24-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	26.4	--	--	--	--
	Home children - *at home*	69	18.8	--	--	--	--
	Day care children - *at home*	56	35.7	--	--	--	--
	Day care children - *at day care*	22	27.3	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	22.0	--	--	--	--
	Home children - *at home*	69	20.3	--	--	--	--
	Day care children - *at home*	58	24.1	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	89.7	131	297	14.5	2.37
	Home children - *at home*	68	91.2	96.4	198	13.0	2.26
	Day care children - *at home*	58	87.9	171	381	16.5	2.51
	Day care children - *at day care*	16	100.0	43.9	64.7	13.9	1.75
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	1,950	4,310	780	1.22
	Home children - *at home*	63	100.0	1,670	3,220	709	1.22
	Day care children - *at home*	57	100.0	2,260	5,280	866	1.22
	Day care children - *at day care*	23	100.0	2,530	1,800	2,030	0.700
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	2,200	3,720	855	1.42
	Home children - *at home*	63	100.0	2,000	4,370	632	1.45
	Day care children - *at home*	57	100.0	2,410	2,860	1,190	1.32
	Day care children - *at day care*	23	100.0	16,800	19,500	5,390	1.92
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	90.5	50.5	42.8	33.9	0.995
	Home children - *at home*	15	86.7	36.3	27.8	25.7	0.936
	Day care children - *at home*	6	100.0	86.1	55.2	67.2	0.850
	Day care children - *at day care*	3	100.0	37.6	40.9	25.5	1.04
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	50.0	8.27	5.10	7.31	0.551
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	84.6	33.0	49.5	17.0	1.18
	Home children - *at home*	9	77.8	34.7	59.9	13.9	1.36
	Day care children - *at home*	4	100.0	29.4	13.5	26.9	0.492
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	79.2	252	529	108	1.17
	Home children - *at home*	67	77.6	263	609	101	1.19
	Day care children - *at home*	29	82.8	227	271	124	1.14
	Day care children - *at day care*	29	72.4	218	422	86.8	1.24
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	63.9	40.6	48.6	28.0	0.781
	Home children - *at home*	69	66.7	44.2	55.3	29.2	0.825
	Day care children - *at home*	28	57.1	31.8	23.9	25.3	0.664
Solid Food (Children) (ng/g)	All children - *at home*	127	4.7	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	58	6.9	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-6b. Benzo[*ghi*]perylene (191-24-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.120	0.280	1.02
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.170	0.630
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.175	0.380	1.02
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.120	2.43	4.95
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.200	0.370
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.190	0.340
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.200	0.370
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.082	0.220	0.220
Soil (ng/g)	All Children - *at home*	126	<MDL	1.91	16.1	84.3	644	2,060
	Home Children - *at home*	68	<MDL	1.57	16.6	47.3	571	981
	Day care Children - *at home*	58	<MDL	2.20	15.7	111	1,160	2,060
	Day care Children - *at day care*	16	0.980	3.39	19.4	46.7	229	229
Indoor Floor Dust (ng/g)	All Children - *at home*	120	68.9	317	772	1,320	8,560	33,400
	Home Children - *at home*	63	87.0	299	702	1,210	5,960	17,000
	Day care Children - *at home*	57	68.9	328	905	1,420	11,500	33,400
	Day care Children - *at day care*	23	463	1,280	2,250	3,130	5,010	8,650
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	42.3	319	925	2,200	8,710	26,000
	Home Children - *at home*	63	42.3	239	495	1,420	8,280	26,000
	Day care Children - *at home*	57	46.0	523	1,350	3,170	10,400	11,900
	Day care Children - *at day care*	23	116	873	7,100	33,600	57,500	58,200
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	19.5	28.1	73.9	114	165
	Home Children - *at home*	15	<MDL	14.8	26.2	64.0	94.4	94.4
	Day care Children - *at home*	6	20.9	26.1	95.7	114	165	165
	Day care Children - *at day care*	3	13.2	13.2	14.8	84.8	84.8	84.8
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.66	27.2	27.2
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	27.2	27.2
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	11.7	15.7	15.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	6.97	18.5	39.5	190	190
	Home Children - *at home*	9	<MDL	4.87	14.7	23.5	190	190
	Day care Children - *at home*	4	15.9	17.8	29.6	41.0	42.5	42.5
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	43.2	92.5	189	870	4,100
	Home Children - *at home*	67	<MDL	38.9	74.7	202	670	4,100
	Day care Children - *at home*	29	<MDL	53.0	145	177	870	1,070
	Day care Children - *at day care*	29	<MDL	<MDL	77.7	162	1,020	2,080
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	24.9	49.9	145	326
	Home Children - *at home*	69	<MDL	<MDL	25.7	49.9	181	326
	Day care Children - *at home*	28	<MDL	<MDL	24.2	45.7	75.5	106
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	8.05
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	8.05
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.650	2.95
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-7a. Benzo[*a*]pyrene (50-32-8): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	18.4	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	56	28.6	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	15.0	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	58	12.1	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Soil (ng/g)	All children - *at home*	126	89.7	173	411	17.3	2.46
	Home children - *at home*	68	91.2	121	258	14.9	2.34
	Day care children - *at home*	58	87.9	234	535	20.7	2.61
	Day care children - *at day care*	16	100.0	57.8	88.7	16.3	1.87
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	2,220	5,260	793	1.28
	Home children - *at home*	63	100.0	1,870	3,790	706	1.30
	Day care children - *at home*	57	100.0	2,590	6,530	902	1.25
	Day care children - *at day care*	23	100.0	2,340	1,840	1,820	0.728
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	2,300	3,750	870	1.45
	Home children - *at home*	63	100.0	2,030	4,160	630	1.49
	Day care children - *at home*	57	100.0	2,610	3,240	1,240	1.33
	Day care children - *at day care*	23	100.0	14,100	16,400	4,830	1.85
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	85.7	42.1	39.8	27.7	0.996
	Home children - *at home*	15	80.0	30.4	25.5	21.1	0.949
	Day care children - *at home*	6	100.0	71.4	55.5	54.5	0.822
	Day care children - *at day care*	3	100.0	23.3	21.0	17.4	0.938
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	50.0	7.92	4.68	7.08	0.522
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	84.6	25.9	36.5	14.1	1.12
	Home children - *at home*	9	77.8	26.2	44.3	11.1	1.28
	Day care children - *at home*	4	100.0	25.3	9.79	23.9	0.393
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	69.8	234	622	88.7	1.16
	Home children - *at home*	67	67.2	263	733	85.9	1.21
	Day care children - *at home*	29	75.9	167	202	95.6	1.07
	Day care children - *at day care*	29	65.5	259	610	83.5	1.31
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	57.7	38.5	46.9	26.3	0.784
	Home children - *at home*	69	59.4	41.1	52.2	27.1	0.816
	Day care children - *at home*	28	53.6	32.2	29.9	24.3	0.706
Solid Food (Children) (ng/g)	All children - *at home*	127	18.9	--	--	--	--
	Home children - *at home*	69	18.8	--	--	--	--
	Day care children - *at home*	58	19.0	--	--	--	--
	Day care children - *at day care*	29	10.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-7b. Benzo[*a*]pyrene (50-32-8): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.360	2.45
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.134	0.920
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.090	0.670	2.45
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.360	0.850
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.120	0.310
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.120	0.200
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.160	0.310
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.230	0.230
Soil (ng/g)	All Children - *at home*	126	<MDL	2.42	17.8	122	777	3,000
	Home Children - *at home*	68	<MDL	1.54	17.3	59.8	726	1,460
	Day care Children - *at home*	58	<MDL	2.96	19.4	156	1,320	3,000
	Day care Children - *at day care*	16	0.810	3.47	19.6	72.2	319	319
Indoor Floor Dust (ng/g)	All Children - *at home*	120	76.0	331	721	1,430	11,000	40,800
	Home Children - *at home*	63	76.0	284	669	1,200	7,320	20,300
	Day care Children - *at home*	57	99.7	355	940	1,460	13,400	40,800
	Day care Children - *at day care*	23	466	983	2,110	3,200	4,740	8,660
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	35.5	320	898	2,260	9,980	25,000
	Home Children - *at home*	63	35.5	215	459	1,600	8,720	25,000
	Day care Children - *at home*	57	51.3	490	1,340	3,210	11,200	14,500
	Day care Children - *at day care*	23	116	776	7,830	22,600	45,500	54,700
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	18.9	31.9	61.7	107	164
	Home Children - *at home*	15	<MDL	10.2	24.7	35.2	94.9	94.9
	Day care Children - *at home*	6	19.5	27.2	55.4	107	164	164
	Day care Children - *at day care*	3	7.31	7.31	15.4	47.1	47.1	47.1
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.17	14.8	14.8
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	12.8	12.8
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	11.0	14.8	14.8
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	5.44	15.1	27.5	141	141
	Home Children - *at home*	9	<MDL	4.87	6.84	26.2	141	141
	Day care Children - *at home*	4	15.1	18.0	24.2	32.7	37.9	37.9
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	72.2	160	708	5,060
	Home Children - *at home*	67	<MDL	<MDL	67.8	158	708	5,060
	Day care Children - *at home*	29	<MDL	40.7	91.3	162	659	809
	Day care Children - *at day care*	29	<MDL	<MDL	65.3	149	1,200	3,130
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	21.7	41.5	124	280
	Home Children - *at home*	69	<MDL	<MDL	22.8	46.2	124	280
	Day care Children - *at home*	28	<MDL	<MDL	18.0	40.3	99.7	134
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.160	13.2
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.140	13.2
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.790	5.04
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.120	0.160
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-8a. Benzo[*e*]pyrene (192-97-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	21.6	--	--	--	--
	Home children - *at home*	69	14.5	--	--	--	--
	Day care children - *at home*	56	30.4	--	--	--	--
	Day care children - *at day care*	22	22.7	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	25.2	--	--	--	--
	Home children - *at home*	69	23.2	--	--	--	--
	Day care children - *at home*	58	27.6	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	89.7	127	279	15.3	2.33
	Home children - *at home*	68	91.2	92.5	190	13.7	2.19
	Day care children - *at home*	58	87.9	167	354	17.5	2.50
	Day care children - *at day care*	16	100.0	47.1	71.7	14.8	1.74
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	2,050	4,640	801	1.21
	Home children - *at home*	63	100.0	1,740	3,350	732	1.22
	Day care children - *at home*	57	100.0	2,380	5,750	886	1.21
	Day care children - *at day care*	23	100.0	2,500	1,880	1,990	0.703
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	2,270	3,920	878	1.41
	Home children - *at home*	63	100.0	2,080	4,640	653	1.44
	Day care children - *at home*	57	100.0	2,470	2,940	1,220	1.31
	Day care children - *at day care*	23	100.0	16,300	19,100	5,290	1.89
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	58.4	54.3	38.1	1.00
	Home children - *at home*	15	93.3	40.0	31.4	28.8	0.900
	Day care children - *at home*	6	100.0	104	74.0	76.8	0.955
	Day care children - *at day care*	3	100.0	47.9	40.0	37.4	0.869
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	38.5	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	50.0	8.44	5.58	7.35	0.578
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	92.3	26.2	34.9	15.7	1.01
	Home children - *at home*	9	88.9	26.4	42.5	12.8	1.16
	Day care children - *at home*	4	100.0	25.7	7.28	25.0	0.262
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	82.3	250	555	114	1.10
	Home children - *at home*	67	80.6	275	652	112	1.14
	Day care children - *at home*	29	86.2	192	199	119	1.02
	Day care children - *at day care*	29	82.8	240	496	92.4	1.23
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	69.1	51.0	54.5	34.6	0.852
	Home children - *at home*	69	68.1	56.3	61.1	36.9	0.902
	Day care children - *at home*	28	71.4	38.1	30.4	29.6	0.704
Solid Food (Children) (ng/g)	All children - *at home*	127	21.3	--	--	--	--
	Home children - *at home*	69	18.8	--	--	--	--
	Day care children - *at home*	58	24.1	--	--	--	--
	Day care children - *at day care*	29	10.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-8b. Benzo[*e*]pyrene (192-97-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.290	1.20
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.134	0.530
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.115	0.370	1.20
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.280	0.490
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.090	0.200	0.340
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.170	0.290
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.100	0.240	0.340
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.085	0.180	0.180
Soil (ng/g)	All Children - *at home*	126	<MDL	2.14	16.2	95.7	741	1,860
	Home Children - *at home*	68	<MDL	1.82	15.7	45.1	521	913
	Day care Children - *at home*	58	<MDL	2.28	17.3	116	966	1,860
	Day care Children - *at day care*	16	0.930	3.89	19.2	44.8	259	259
Indoor Floor Dust (ng/g)	All Children - *at home*	120	82.0	348	830	1,340	9,290	36,100
	Home Children - *at home*	63	82.0	338	695	1,260	7,030	18,400
	Day care Children - *at home*	57	111	361	930	1,410	13,400	36,100
	Day care Children - *at day care*	23	470	1,230	2,210	2,970	5,350	9,120
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	46.6	315	924	2,190	9,480	27,000
	Home Children - *at home*	63	46.6	231	487	1,530	8,650	27,000
	Day care Children - *at home*	57	55.6	540	1,290	3,160	10,300	12,800
	Day care Children - *at day care*	23	117	786	6,960	33,000	51,000	62,100
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	20.8	34.5	91.9	128	220
	Home Children - *at home*	15	<MDL	15.0	31.2	62.1	111	111
	Day care Children - *at home*	6	20.8	26.5	116	128	220	220
	Day care Children - *at day care*	3	16.4	16.4	34.4	92.8	92.8	92.8
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.38	33.2	33.2
	Home Children - *at home*	9	<MDL	<MDL	<MDL	7.03	33.2	33.2
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	12.0	16.6	16.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	6.62	16.9	24.9	137	137
	Home Children - *at home*	9	<MDL	5.83	11.6	16.9	137	137
	Day care Children - *at home*	4	20.0	20.9	23.3	30.6	36.2	36.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	55.0	102	215	759	4,440
	Home Children - *at home*	67	<MDL	51.2	91.3	204	759	4,440
	Day care Children - *at home*	29	<MDL	62.8	120	229	638	781
	Day care Children - *at day care*	29	<MDL	36.3	66.5	155	1,070	2,510
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	35.4	59.8	156	340
	Home Children - *at home*	69	<MDL	<MDL	39.5	64.6	178	340
	Day care Children - *at home*	28	<MDL	<MDL	26.2	50.0	91.5	143
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.140	3.69
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.100	3.69
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.700	1.24
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.110	0.140
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.070
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-9a. Benzylbutylphthalate (85-68-7): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	32.8	--	--	--	--
	Home children - *at home*	69	24.6	--	--	--	--
	Day care children - *at home*	56	42.9	--	--	--	--
	Day care children - *at day care*	22	31.8	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	9.5	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	57	8.8	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Soil (ng/g)	All children - *at home*	127	37.8	--	--	--	--
	Home children - *at home*	69	46.4	--	--	--	--
	Day care children - *at home*	58	27.6	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	29,400	44,500	16,700	1.06
	Home children - *at home*	62	100.0	23,600	26,300	14,600	0.993
	Day care children - *at home*	56	100.0	35,800	58,000	19,300	1.12
	Day care children - *at day care*	23	100.0	56,300	96,500	35,400	0.802
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	55,400	112,000	17,500	1.51
	Home children - *at home*	62	100.0	33,000	57,000	12,300	1.43
	Day care children - *at home*	56	100.0	80,100	148,000	25,900	1.52
	Day care children - *at day care*	23	100.0	356,000	613,000	94,000	1.83
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	76.2	113,000	265,000	10,800	2.23
	Home children - *at home*	15	66.7	21,200	44,700	5,200	1.59
	Day care children - *at home*	6	100.0	342,000	432,000	66,000	2.70
	Day care children - *at day care*	3	100.0	438,000	399,000	339,000	0.846
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	53.8	3,090	2,420	2,390	0.730
	Home children - *at home*	9	44.4	--	--	--	--
	Day care children - *at home*	4	75.0	4,550	3,350	3,570	0.845
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	100.0	6,460	3,750	5,660	0.526
	Home children - *at home*	9	100.0	5,050	2,080	4,680	0.422
	Day care children - *at home*	4	100.0	9,630	5,020	8,680	0.528
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	46.4	--	--	--	--
	Home children - *at home*	68	41.2	--	--	--	--
	Day care children - *at home*	29	58.6	22,100	21,100	14,900	0.886
	Day care children - *at day care*	29	41.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	46.4	--	--	--	--
	Home children - *at home*	69	46.4	--	--	--	--
	Day care children - *at home*	28	46.4	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	91	58.2	36.1	59.5	14.1	1.31
	Home children - *at home*	47	48.9	--	--	--	--
	Day care children - *at home*	44	68.2	38.7	56.3	17.2	1.28
	Day care children - *at day care*	15	53.3	36.6	85.6	11.7	1.33
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	97	7.2	--	--	--	--
	Home children - *at home*	51	7.8	--	--	--	--
	Day care children - *at home*	46	6.5	--	--	--	--
	Day care children - *at day care*	25	4.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-9b. Benzylbutylphthalate (85-68-7): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	48.9	170	469
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	135	193
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	70.6	274	469
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	49.6	98.6	124
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	42.4	677
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	49.8	677
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	42.4	88.1
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	70.0	70.0
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	219	3,590	0,000
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1,030	4,760	0,000
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	12.1	2,400	2,710
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	21.4	2,670	2,670
Indoor Floor Dust (ng/g)	All Children - *at home*	118	732	8,170	17,300	33,000	101,000	380,000
	Home Children - *at home*	62	1,710	6,770	15,300	24,300	77,100	115,000
	Day care Children - *at home*	56	732	10,600	17,700	38,400	117,000	380,000
	Day care Children - *at day care*	23	10,200	21,600	28,800	53,200	94,900	489,000
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	629	5,480	16,300	53,100	275,000	639,000
	Home Children - *at home*	62	629	4,580	9,220	36,000	104,000	316,000
	Day care Children - *at home*	56	1,140	7,050	28,100	66,800	524,000	639,000
	Day care Children - *at day care*	23	6,060	13,900	94,400	430,000	1,700,000	2,560,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	1,790	5,560	72,100	614,000	1,080,000
	Home Children - *at home*	15	<MDL	<MDL	4,830	12,800	161,000	161,000
	Day care Children - *at home*	6	1,970	3,150	175,000	614,000	1,080,000	1,080,000
	Day care Children - *at day care*	3	203,000	203,000	213,000	899,000	899,000	899,000
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	2,040	4,950	9,010	9,010
	Home Children - *at home*	9	<MDL	<MDL	<MDL	3,390	5,500	5,500
	Day care Children - *at home*	4	<MDL	<MDL	3,970	6,990	9,010	9,010
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	2,530	4,410	5,390	6,970	15,900	15,900
	Home Children - *at home*	9	2,530	3,540	4,490	6,570	8,800	8,800
	Day care Children - *at home*	4	5,310	5,600	8,640	13,700	15,900	15,900
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	21,900	68,400	176,000
	Home Children - *at home*	68	<MDL	<MDL	<MDL	16,300	60,600	176,000
	Day care Children - *at home*	29	<MDL	<MDL	14,200	36,200	68,400	81,000
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	20,200	93,300	159,000
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	11,200	36,500	114,000
	Home Children - *at home*	69	<MDL	<MDL	<MDL	8,980	44,200	114,000
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	15,400	25,400	25,600
Solid Food (Children) (ng/g)	All Children - *at home*	91	<MDL	<MDL	11.2	35.5	165	334
	Home Children - *at home*	47	<MDL	<MDL	<MDL	32.7	163	334
	Day care Children - *at home*	44	<MDL	<MDL	16.6	44.8	188	242
	Day care Children - *at day care*	15	<MDL	<MDL	9.00	34.3	341	341
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	39.1	81.1
	Home Children - *at home*	51	<MDL	<MDL	<MDL	<MDL	26.9	81.1
	Day care Children - *at home*	46	<MDL	<MDL	<MDL	<MDL	39.1	59.2
	Day care Children - *at day care*	25	<MDL	<MDL	<MDL	<MDL	<MDL	30.2
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-10a. Bisphenol-A (80-05-7): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	63.2	2.19	3.98	1.25	0.856
	Home children - *at home*	69	59.4	1.69	3.76	1.05	0.710
	Day care children - *at home*	56	67.9	2.80	4.19	1.53	0.975
	Day care children - *at day care*	22	72.7	1.29	1.44	0.992	0.642
Outdoor Air (ng/m^3)	All children - *at home*	103	34.0	--	--	--	--
	Home children - *at home*	59	30.5	--	--	--	--
	Day care children - *at home*	44	38.6	--	--	--	--
	Day care children - *at day care*	16	43.8	--	--	--	--
Soil (ng/g)	All children - *at home*	126	2.4	--	--	--	--
	Home children - *at home*	68	2.9	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	14	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	116	47.4	--	--	--	--
	Home children - *at home*	61	54.1	60.0	84.4	39.9	0.792
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	23	69.6	41.2	26.6	34.8	0.573
Indoor Floor Dust (ng/m^2)	All children - *at home*	116	47.4	--	--	--	--
	Home children - *at home*	61	54.1	76.9	217	32.2	1.04
	Day care children - *at home*	55	40.0	--	--	--	--
	Day care children - *at day care*	23	69.6	213	235	92.6	1.54
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	2,660	5,360	789	1.53
	Home children - *at home*	15	93.3	1,190	2,730	446	1.26
	Day care children - *at home*	6	100.0	6,340	8,440	3,280	1.24
	Day care children - *at day care*	3	100.0	450	186	425	0.410
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	84.6	940	1,030	411	1.76
	Home children - *at home*	9	88.9	527	418	290	1.66
	Day care children - *at home*	4	75.0	1,870	1,450	894	1.96
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	7	71.4	269	275	145	1.33
	Home children - *at home*	5	60.0	166	181	91.4	1.26
	Day care children - *at home*	2	100.0	526	372	455	0.778
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	99.0	7,810	10,200	5,410	0.835
	Home children - *at home*	68	98.5	8,530	11,800	5,660	0.890
	Day care children - *at home*	29	100.0	6,120	4,550	4,870	0.694
	Day care children - *at day care*	29	89.7	5,070	8,780	2,140	1.68
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	99.0	6,420	7,190	4,100	0.981
	Home children - *at home*	69	98.6	6,650	7,530	4,120	1.03
	Day care children - *at home*	28	100.0	5,870	6,370	4,070	0.861
Solid Food (Children) (ng/g)	All children - *at home*	127	100.0	7.60	16.8	3.98	0.961
	Home children - *at home*	69	100.0	5.75	6.22	3.76	0.902
	Day care children - *at home*	58	100.0	9.80	23.9	4.26	1.03
	Day care children - *at day care*	29	100.0	4.38	3.73	3.36	0.728
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	111	69.4	0.761	1.66	0.279	1.60
	Home children - *at home*	58	70.7	0.648	0.759	0.279	1.60
	Day care children - *at home*	53	67.9	0.884	2.28	0.279	1.61
	Day care children - *at day care*	25	80.0	0.848	1.01	0.425	1.44
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-10b. Bisphenol-A (80-05-7): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	0.980	1.73	8.63	30.3
	Home Children - *at home*	69	<MDL	<MDL	0.950	1.36	3.66	30.3
	Day care Children - *at home*	56	<MDL	<MDL	1.14	2.07	16.5	19.9
	Day care Children - *at day care*	22	<MDL	<MDL	0.920	1.48	1.80	7.42
Outdoor Air (ng/m^3)	All Children - *at home*	103	<MDL	<MDL	<MDL	0.920	1.70	19.0
	Home Children - *at home*	59	<MDL	<MDL	<MDL	0.860	1.68	13.2
	Day care Children - *at home*	44	<MDL	<MDL	<MDL	0.940	7.63	19.0
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.682	6.94	6.94
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	5.63
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	116	<MDL	<MDL	<MDL	47.1	141	589
	Home Children - *at home*	61	<MDL	<MDL	35.4	54.6	177	589
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	40.1	82.4	114
	Day care Children - *at day care*	23	<MDL	<MDL	28.3	60.0	71.5	123
Indoor Floor Dust (ng/m^2)	All Children - *at home*	116	<MDL	<MDL	<MDL	54.9	295	1,650
	Home Children - *at home*	61	<MDL	<MDL	30.1	48.7	306	1,650
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	63.0	223	441
	Day care Children - *at day care*	23	<MDL	<MDL	157	287	688	765
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	278	662	1,290	11,000	22,900
	Home Children - *at home*	15	<MDL	182	442	881	11,000	11,000
	Day care Children - *at home*	6	883	960	2,980	7,300	22,900	22,900
	Day care Children - *at day care*	3	288	288	408	653	653	653
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	208	502	1,350	3,570	3,570
	Home Children - *at home*	9	<MDL	208	489	773	1,350	1,350
	Day care Children - *at home*	4	<MDL	<MDL	1,930	2,870	3,570	3,570
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	7	<MDL	<MDL	263	425	789	789
	Home Children - *at home*	5	<MDL	<MDL	53.8	290	425	425
	Day care Children - *at home*	2	263	263	526	789	789	789
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	3,360	5,570	9,160	19,700	94,200
	Home Children - *at home*	68	<MDL	3,470	5,590	9,920	19,700	94,200
	Day care Children - *at home*	29	1,210	3,150	5,020	7,070	19,000	20,300
	Day care Children - *at day care*	29	<MDL	1,860	2,980	4,170	14,500	47,200
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	2,390	4,440	6,810	25,100	36,000
	Home Children - *at home*	69	<MDL	2,320	4,600	7,390	25,100	36,000
	Day care Children - *at home*	28	624	2,430	4,400	6,120	12,600	33,500
Solid Food (Children) (ng/g)	All Children - *at home*	127	0.900	1.98	3.64	6.83	22.7	161
	Home Children - *at home*	69	0.900	1.89	3.30	7.97	18.4	36.5
	Day care Children - *at home*	58	1.01	2.11	3.67	6.26	41.4	161
	Day care Children - *at day care*	29	0.950	2.22	3.52	4.46	11.9	18.6
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	111	<MDL	<MDL	0.470	0.730	1.96	16.3
	Home Children - *at home*	58	<MDL	<MDL	0.455	0.710	3.17	3.28
	Day care Children - *at home*	53	<MDL	<MDL	0.470	0.730	1.65	16.3
	Day care Children - *at day care*	25	<MDL	0.400	0.510	1.19	1.75	4.97
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-11a. *alpha*-Chlordane (5103-71-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	92.8	1.15	2.69	0.370	1.30
	Home children - *at home*	69	92.8	1.44	3.35	0.400	1.39
	Day care children - *at home*	56	92.9	0.796	1.50	0.336	1.19
	Day care children - *at day care*	22	95.5	0.237	0.190	0.193	0.628
Outdoor Air (ng/m^3)	All children - *at home*	127	55.9	0.233	0.606	0.126	0.873
	Home children - *at home*	69	59.4	0.215	0.277	0.135	0.877
	Day care children - *at home*	58	51.7	0.254	0.848	0.115	0.868
	Day care children - *at day care*	16	56.3	0.098	0.098	0.075	0.676
Soil (ng/g)	All children - *at home*	127	56.7	59.5	440	1.57	2.02
	Home children - *at home*	69	59.4	24.6	83.8	1.66	1.99
	Day care children - *at home*	58	53.4	101	645	1.47	2.08
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	84.2	44.1	118	13.4	1.36
	Home children - *at home*	63	84.1	61.0	157	16.0	1.45
	Day care children - *at home*	57	84.2	25.4	42.5	11.0	1.23
	Day care children - *at day care*	23	95.7	13.2	7.49	11.5	0.514
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	84.2	86.4	250	14.6	1.80
	Home children - *at home*	63	84.1	108	321	14.2	1.90
	Day care children - *at home*	57	84.2	62.8	133	15.1	1.69
	Day care children - *at day care*	23	95.7	85.5	86.2	30.7	1.83
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	28.6	--	--	--	--
	Home children - *at home*	15	20.0	--	--	--	--
	Day care children - *at home*	6	50.0	8.11	4.36	7.26	0.501
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	15.4	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	30.9	--	--	--	--
	Home children - *at home*	68	33.8	--	--	--	--
	Day care children - *at home*	29	24.1	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	34.0	--	--	--	--
	Home children - *at home*	69	37.7	--	--	--	--
	Day care children - *at home*	28	25.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	8.0	--	--	--	--
	Home children - *at home*	69	11.6	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-11b. *alpha*-Chlordane (5103-71-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.160	0.260	0.680	5.60	19.7
	Home Children - *at home*	69	<MDL	0.170	0.280	0.680	8.50	19.7
	Day care Children - *at home*	56	<MDL	0.150	0.230	0.690	4.38	8.82
	Day care Children - *at day care*	22	<MDL	0.150	0.180	0.230	0.470	0.960
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.100	0.200	0.640	6.48
	Home Children - *at home*	69	<MDL	<MDL	0.110	0.210	0.730	1.56
	Day care Children - *at home*	58	<MDL	<MDL	0.090	0.170	0.420	6.48
	Day care Children - *at day care*	16	<MDL	<MDL	0.064	0.080	0.410	0.410
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	0.760	3.70	141	4,910
	Home Children - *at home*	69	<MDL	<MDL	0.840	4.13	141	472
	Day care Children - *at home*	58	<MDL	<MDL	0.645	3.14	302	4,910
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.930	1.35	1.35
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	5.46	11.0	31.4	146	794
	Home Children - *at home*	63	<MDL	5.22	13.3	33.5	345	794
	Day care Children - *at home*	57	<MDL	5.70	7.86	23.8	120	244
	Day care Children - *at day care*	23	<MDL	8.04	10.8	16.6	29.2	35.0
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	3.73	11.4	50.1	458	2,040
	Home Children - *at home*	63	<MDL	3.21	10.9	51.2	525	2,040
	Day care Children - *at home*	57	<MDL	4.45	11.9	48.9	401	721
	Day care Children - *at day care*	23	<MDL	4.76	40.9	172	234	236
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	6.97	28.9	383
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	383	383
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	12.1	14.9	14.9
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	14.1	14.1
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	14.1	14.1
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	5.70	5.70
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	5.70	5.70
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	5.13	5.13
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	52.5	314	739
	Home Children - *at home*	68	<MDL	<MDL	<MDL	58.2	357	739
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	96.4	153
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	59.3
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	33.9	169	384
	Home Children - *at home*	69	<MDL	<MDL	<MDL	34.6	197	384
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	67.0	106
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.090	0.180
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.100	0.180
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	0.092
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-12a. *gamma*-Chlordane (5103-74-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	96.0	1.84	5.72	0.505	1.36
	Home children - *at home*	69	95.7	2.42	7.44	0.542	1.46
	Day care children - *at home*	56	96.4	1.13	2.12	0.463	1.22
	Day care children - *at day care*	22	100.0	0.320	0.233	0.263	0.623
Outdoor Air (ng/m^3)	All children - *at home*	127	58.3	0.260	0.704	0.135	0.909
	Home children - *at home*	69	62.3	0.235	0.290	0.147	0.898
	Day care children - *at home*	58	53.4	0.290	0.997	0.122	0.920
	Day care children - *at day care*	16	62.5	0.104	0.101	0.080	0.667
Soil (ng/g)	All children - *at home*	127	52.8	62.8	504	1.34	1.97
	Home children - *at home*	69	58.0	22.2	82.5	1.39	1.90
	Day care children - *at home*	58	46.6	--	--	--	--
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	83.3	50.3	135	14.4	1.39
	Home children - *at home*	63	82.5	70.4	179	17.2	1.50
	Day care children - *at home*	57	84.2	28.2	48.7	11.8	1.25
	Day care children - *at day care*	23	95.7	15.1	8.17	13.2	0.523
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	83.3	92.6	257	15.8	1.83
	Home children - *at home*	63	82.5	114	324	15.3	1.94
	Day care children - *at home*	57	84.2	69.0	151	16.3	1.72
	Day care children - *at day care*	23	95.7	99.6	104	35.2	1.86
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	28.6	--	--	--	--
	Home children - *at home*	15	20.0	--	--	--	--
	Day care children - *at home*	6	50.0	7.75	4.30	6.99	0.471
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	15.4	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	32.0	--	--	--	--
	Home children - *at home*	68	35.3	--	--	--	--
	Day care children - *at home*	29	24.1	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	34.0	--	--	--	--
	Home children - *at home*	69	37.7	--	--	--	--
	Day care children - *at home*	28	25.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	6.4	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-12b. *gamma*-Chlordane (5103-74-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.220	0.360	1.13	8.93	55.0
	Home Children - *at home*	69	<MDL	0.230	0.380	1.16	11.7	55.0
	Day care Children - *at home*	56	<MDL	0.215	0.320	0.965	5.91	11.8
	Day care Children - *at day care*	22	0.070	0.190	0.255	0.380	0.640	1.14
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.110	0.240	0.610	7.61
	Home Children - *at home*	69	<MDL	<MDL	0.120	0.260	0.890	1.43
	Day care Children - *at home*	58	<MDL	<MDL	0.100	0.190	0.490	7.61
	Day care Children - *at day care*	16	<MDL	<MDL	0.070	0.095	0.430	0.430
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	0.620	2.38	110	5,640
	Home Children - *at home*	69	<MDL	<MDL	0.650	2.05	110	510
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	2.38	235	5,640
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.775	1.15	1.15
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	5.55	12.2	36.0	153	853
	Home Children - *at home*	63	<MDL	5.65	14.5	39.9	619	853
	Day care Children - *at home*	57	<MDL	5.45	8.66	23.1	138	292
	Day care Children - *at day care*	23	<MDL	10.2	12.8	18.7	31.7	37.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	3.82	12.3	53.3	478	2,090
	Home Children - *at home*	63	<MDL	3.21	12.1	56.9	497	2,090
	Day care Children - *at home*	57	<MDL	4.60	14.2	47.3	332	863
	Day care Children - *at day care*	23	<MDL	6.02	52.6	195	253	349
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	7.45	33.0	644
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	644	644
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	8.48	15.9	15.9
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	15.6	15.6
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	15.6	15.6
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	8.25	8.25
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	8.25	8.25
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	7.94	7.94
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	56.7	360	1,130
	Home Children - *at home*	68	<MDL	<MDL	<MDL	67.7	367	1,130
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	109	182
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	46.7
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	30.2	203	562
	Home Children - *at home*	69	<MDL	<MDL	<MDL	34.1	241	562
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	85.6	118
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.090	0.150
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.100	0.150
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	0.092
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-13a. Chlorpyrifos (2921-88-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	98.4	6.42	14.8	2.16	1.35
	Home children - *at home*	69	98.6	6.40	14.9	2.00	1.37
	Day care children - *at home*	56	98.2	6.44	14.9	2.38	1.33
	Day care children - *at day care*	22	100.0	5.20	5.59	2.92	1.13
Outdoor Air (ng/m^3)	All children - *at home*	112	75.0	0.420	0.785	0.219	1.04
	Home children - *at home*	60	85.0	0.415	0.847	0.238	0.917
	Day care children - *at home*	52	63.5	0.425	0.715	0.198	1.17
	Day care children - *at day care*	14	71.4	0.154	0.112	0.118	0.781
Soil (ng/g)	All children - *at home*	127	39.4	--	--	--	--
	Home children - *at home*	69	52.2	46.3	352	1.47	1.74
	Day care children - *at home*	58	24.1	--	--	--	--
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	871	5,030	70.4	1.63
	Home children - *at home*	63	100.0	415	2,160	64.5	1.45
	Day care children - *at home*	57	100.0	1,380	6,940	77.6	1.81
	Day care children - *at day care*	23	100.0	272	285	168	1.01
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	1,060	5,400	77.2	1.93
	Home children - *at home*	63	100.0	283	759	57.5	1.63
	Day care children - *at home*	57	100.0	1,920	7,740	107	2.18
	Day care children - *at day care*	23	100.0	1,910	3,330	445	1.91
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	85.7	1,940	8,410	42.9	2.17
	Home children - *at home*	15	80.0	118	270	27.4	1.62
	Day care children - *at home*	6	100.0	6,510	15,700	132	3.06
	Day care children - *at day care*	3	33.3	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	61.5	677	2,110	25.4	2.30
	Home children - *at home*	9	66.7	126	315	19.7	1.77
	Day care children - *at home*	4	50.0	1,920	3,810	44.6	3.50
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	84.6	2,500	8,920	25.8	2.43
	Home children - *at home*	9	77.8	29.0	47.1	12.0	1.34
	Day care children - *at home*	4	100.0	8,070	16,100	143	3.63
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	57.7	1,810	15,000	110	1.56
	Home children - *at home*	68	57.4	298	620	103	1.36
	Day care children - *at home*	29	58.6	5,360	27,400	129	1.97
	Day care children - *at day care*	29	62.1	362	1,060	101	1.39
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	62.9	452	2,890	56.1	1.55
	Home children - *at home*	69	60.9	137	271	47.9	1.34
	Day care children - *at home*	28	67.9	1,230	5,340	82.7	1.93
Solid Food (Children) (ng/g)	All children - *at home*	125	65.6	0.380	0.608	0.193	1.10
	Home children - *at home*	69	71.0	0.331	0.499	0.192	0.989
	Day care children - *at home*	56	58.9	0.441	0.720	0.194	1.23
	Day care children - *at day care*	29	69.0	0.204	0.190	0.145	0.817
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	6.3	--	--	--	--
	Home children - *at home*	69	7.2	--	--	--	--
	Day care children - *at home*	57	5.3	--	--	--	--
	Day care children - *at day care*	28	10.7	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-13b. Chlorpyrifos (2921-88-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.890	1.67	4.82	23.3	98.0
	Home Children - *at home*	69	<MDL	0.800	1.58	4.35	36.9	84.0
	Day care Children - *at home*	56	<MDL	1.03	2.10	5.96	18.7	98.0
	Day care Children - *at day care*	22	0.510	1.12	2.05	8.90	12.6	21.7
Outdoor Air (ng/m^3)	All Children - *at home*	112	<MDL	<MDL	0.200	0.425	1.36	6.50
	Home Children - *at home*	60	<MDL	0.135	0.235	0.400	1.22	6.50
	Day care Children - *at home*	52	<MDL	<MDL	0.150	0.460	1.67	4.40
	Day care Children - *at day care*	14	<MDL	<MDL	0.105	0.240	0.400	0.400
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	3.92	13.8	2,930
	Home Children - *at home*	69	<MDL	<MDL	0.620	5.65	18.5	2,930
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	9.90	80.4
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	1.32	6.16	6.16
Indoor Floor Dust (ng/g)	All Children - *at home*	120	3.62	23.1	52.0	149	1,410	49,600
	Home Children - *at home*	63	6.20	23.1	53.0	146	836	17,200
	Day care Children - *at home*	57	3.62	22.8	49.3	151	1,580	49,600
	Day care Children - *at day care*	23	40.6	67.0	174	430	897	1,110
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	1.17	19.5	63.7	196	3,490	54,100
	Home Children - *at home*	63	2.68	16.3	56.3	122	1,340	4,440
	Day care Children - *at home*	57	1.17	24.8	92.2	371	13,700	54,100
	Day care Children - *at day care*	23	33.9	81.8	448	1,880	8,870	13,400
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	8.41	26.1	128	1,060	38,600
	Home Children - *at home*	15	<MDL	7.08	23.7	128	1,060	1,060
	Day care Children - *at home*	6	8.41	13.8	71.3	280	38,600	38,600
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	7.24	7.24	7.24
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	11.9	57.0	7,630	7,630
	Home Children - *at home*	9	<MDL	<MDL	11.9	57.0	964	964
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	3,830	7,630	7,630
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	5.09	20.5	36.2	32,200	32,200
	Home Children - *at home*	9	<MDL	4.65	7.41	22.4	149	149
	Day care Children - *at home*	4	14.8	19.5	30.2	16,100	32,200	32,200
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	111	292	1,740	148,000
	Home Children - *at home*	68	<MDL	<MDL	112	285	1,740	3,670
	Day care Children - *at home*	29	<MDL	<MDL	94.4	296	1,690	148,000
	Day care Children - *at day care*	29	<MDL	<MDL	97.6	215	752	5,780
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	48.9	137	1,120	28,400
	Home Children - *at home*	69	<MDL	<MDL	47.4	103	994	1,230
	Day care Children - *at home*	28	<MDL	<MDL	54.5	266	1,740	28,400
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	0.190	0.390	1.56	3.51
	Home Children - *at home*	69	<MDL	<MDL	0.190	0.370	1.05	3.51
	Day care Children - *at home*	56	<MDL	<MDL	0.190	0.480	2.83	3.43
	Day care Children - *at day care*	29	<MDL	<MDL	0.140	0.240	0.560	0.880
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.060	0.270
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.060	0.240
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.060	0.270
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	0.180	0.650
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-14a. Chrysene (218-01-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	39.2	--	--	--	--
	Home children - *at home*	69	30.4	--	--	--	--
	Day care children - *at home*	56	50.0	0.227	0.426	0.123	0.927
	Day care children - *at day care*	22	59.1	0.091	0.047	0.082	0.458
Outdoor Air (ng/m^3)	All children - *at home*	110	46.4	--	--	--	--
	Home children - *at home*	58	43.1	--	--	--	--
	Day care children - *at home*	52	50.0	0.142	0.115	0.109	0.688
	Day care children - *at day care*	15	73.3	0.139	0.118	0.104	0.773
Soil (ng/g)	All children - *at home*	126	92.1	145	316	17.9	2.32
	Home children - *at home*	68	92.6	102	208	15.7	2.17
	Day care children - *at home*	58	91.4	196	404	20.9	2.50
	Day care children - *at day care*	16	100.0	57.1	86.2	18.7	1.69
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	2,240	5,400	802	1.26
	Home children - *at home*	63	100.0	1,860	3,700	729	1.27
	Day care children - *at home*	57	100.0	2,660	6,810	892	1.25
	Day care children - *at day care*	23	100.0	2,630	2,060	2,050	0.735
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	2,390	4,250	879	1.44
	Home children - *at home*	63	100.0	2,240	5,080	650	1.49
	Day care children - *at home*	57	100.0	2,550	3,120	1,230	1.32
	Day care children - *at day care*	23	100.0	16,000	18,900	5,450	1.85
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	71.6	62.5	47.6	1.00
	Home children - *at home*	15	93.3	50.1	41.8	35.3	0.938
	Day care children - *at home*	6	100.0	125	76.8	100	0.800
	Day care children - *at day care*	3	100.0	94.3	67.4	68.1	1.14
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	46.2	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	75.0	10.8	5.75	9.68	0.562
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	84.6	25.0	34.0	14.0	1.10
	Home children - *at home*	9	77.8	25.6	41.5	11.2	1.26
	Day care children - *at home*	4	100.0	23.5	5.42	23.0	0.253
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	79.2	247	467	108	1.17
	Home children - *at home*	67	77.6	258	536	102	1.19
	Day care children - *at home*	29	82.8	222	246	123	1.14
	Day care children - *at day care*	29	82.8	271	579	104	1.24
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	70.1	46.1	52.3	31.9	0.802
	Home children - *at home*	69	66.7	48.0	59.7	31.1	0.856
	Day care children - *at home*	28	78.6	41.3	26.6	33.8	0.660
Solid Food (Children) (ng/g)	All children - *at home*	127	38.6	--	--	--	--
	Home children - *at home*	69	42.0	--	--	--	--
	Day care children - *at home*	58	34.5	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-14b. Chrysene (218-01-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.120	0.530	2.96
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.100	0.200	0.600
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.200	0.850	2.96
	Day care Children - *at day care*	22	<MDL	<MDL	0.072	0.110	0.190	0.220
Outdoor Air (ng/m^3)	All Children - *at home*	110	<MDL	<MDL	<MDL	0.140	0.400	0.550
	Home Children - *at home*	58	<MDL	<MDL	<MDL	0.120	0.380	0.550
	Day care Children - *at home*	52	<MDL	<MDL	<MDL	0.210	0.410	0.470
	Day care Children - *at day care*	15	<MDL	<MDL	0.090	0.170	0.400	0.400
Soil (ng/g)	All Children - *at home*	126	<MDL	2.60	18.6	91.0	739	1,820
	Home Children - *at home*	68	<MDL	2.23	19.0	61.7	605	1,120
	Day care Children - *at home*	58	<MDL	3.24	17.1	145	1,350	1,820
	Day care Children - *at day care*	16	1.25	5.13	19.8	63.2	310	310
Indoor Floor Dust (ng/g)	All Children - *at home*	120	62.6	340	776	1,340	10,600	39,200
	Home Children - *at home*	63	62.6	326	721	1,130	8,510	20,600
	Day care Children - *at home*	57	119	344	896	1,360	15,500	39,200
	Day care Children - *at day care*	23	426	1,280	2,430	3,210	7,030	9,360
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	45.2	311	905	2,420	10,100	28,500
	Home Children - *at home*	63	45.2	240	485	1,510	10,600	28,500
	Day care Children - *at home*	57	61.8	523	1,240	3,390	9,570	13,900
	Day care Children - *at day care*	23	106	700	7,840	29,600	49,100	68,400
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	26.2	42.8	93.9	176	230
	Home Children - *at home*	15	<MDL	16.4	40.5	73.5	165	165
	Day care Children - *at home*	6	34.5	39.6	136	176	230	230
	Day care Children - *at day care*	3	18.3	18.3	117	147	147	147
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	12.8	38.5	38.5
	Home Children - *at home*	9	<MDL	<MDL	<MDL	12.8	38.5	38.5
	Day care Children - *at home*	4	<MDL	<MDL	10.1	15.1	18.3	18.3
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	5.75	16.1	26.5	131	131
	Home Children - *at home*	9	<MDL	5.39	6.40	18.7	131	131
	Day care Children - *at home*	4	16.1	19.6	24.8	27.5	28.5	28.5
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	45.3	88.7	212	857	2,810
	Home Children - *at home*	67	<MDL	43.7	77.8	203	883	2,810
	Day care Children - *at home*	29	<MDL	53.5	137	213	735	857
	Day care Children - *at day care*	29	<MDL	46.4	90.7	186	1,090	2,990
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	30.7	51.7	135	302
	Home Children - *at home*	69	<MDL	<MDL	29.3	49.1	175	302
	Day care Children - *at home*	28	<MDL	20.6	36.6	56.4	89.7	123
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.100	0.310	4.26
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.100	0.300	4.26
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.090	0.880	1.25
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.140	0.170
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-15a. Cyfluthrin (68359-37-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	1.6	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	22	9.1	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	125	0.8	--	--	--	--
	Home children - *at home*	67	0.0	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	17.3	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	58	17.2	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	73.9	329	482	148	1.35
	Home children - *at home*	63	79.4	346	498	161	1.30
	Day care children - *at home*	56	67.9	310	467	134	1.42
	Day care children - *at day care*	23	73.9	389	323	221	1.32
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	73.9	557	1,040	160	1.72
	Home children - *at home*	63	79.4	477	994	144	1.57
	Day care children - *at home*	56	67.9	648	1,100	180	1.88
	Day care children - *at day care*	23	73.9	3,710	4,990	587	2.67
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	9.5	--	--	--	--
	Home children - *at home*	15	6.7	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	11.3	--	--	--	--
	Home children - *at home*	68	14.7	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	4.1	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	3.2	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-15b. Cyfluthrin (68359-37-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	9.44
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	9.44
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	3.30	4.80
Outdoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	2.86
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	2.86
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	64.2	644
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	53.3	95.2
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	92.0	644
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	42.2	42.2
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	<MDL	195	384	1,280	3,040
	Home Children - *at home*	63	<MDL	67.4	185	398	1,280	3,020
	Day care Children - *at home*	56	<MDL	<MDL	218	357	930	3,040
	Day care Children - *at day care*	23	<MDL	<MDL	336	648	890	1,010
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	<MDL	177	538	2,450	6,640
	Home Children - *at home*	63	<MDL	44.1	129	472	1,600	6,560
	Day care Children - *at home*	56	<MDL	<MDL	303	836	2,800	6,640
	Day care Children - *at day care*	23	<MDL	<MDL	1,400	7,420	10,800	19,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	405	784
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	405	405
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	784	784
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	1,200	26,600
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	1,200	3,230
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	26,600
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	3,210
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1,760
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	3,210
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	21.9
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	21.9
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	1.20
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.690
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.690
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-16a. Diazinon (333-41-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	97.6	11.8	51.4	1.32	1.62
	Home children - *at home*	69	97.1	8.00	33.6	1.16	1.49
	Day care children - *at home*	56	98.2	16.5	67.3	1.57	1.77
	Day care children - *at day care*	22	100.0	11.6	21.0	2.05	1.89
Outdoor Air (ng/m^3)	All children - *at home*	127	74.8	1.20	7.33	0.199	1.21
	Home children - *at home*	69	81.2	2.02	9.90	0.238	1.43
	Day care children - *at home*	58	67.2	0.226	0.193	0.161	0.829
	Day care children - *at day care*	16	68.8	0.262	0.548	0.116	1.08
Soil (ng/g)	All children - *at home*	127	33.9	--	--	--	--
	Home children - *at home*	69	43.5	--	--	--	--
	Day care children - *at home*	58	22.4	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	95.8	1,360	8,470	34.3	1.97
	Home children - *at home*	63	96.8	2,120	11,400	33.2	2.07
	Day care children - *at home*	57	94.7	519	2,800	35.6	1.86
	Day care children - *at day care*	23	100.0	260	472	73.7	1.57
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	95.8	939	5,920	37.6	2.02
	Home children - *at home*	63	96.8	593	2,350	29.6	1.96
	Day care children - *at home*	57	94.7	1,320	8,250	48.9	2.08
	Day care children - *at day care*	23	100.0	994	2,650	196	1.78
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	38.1	--	--	--	--
	Home children - *at home*	15	26.7	--	--	--	--
	Day care children - *at home*	6	66.7	16.4	16.0	11.7	0.868
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	44.4	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	53.8	93.4	287	11.3	1.71
	Home children - *at home*	9	55.6	132	344	15.1	1.96
	Day care children - *at home*	4	50.0	7.52	6.34	5.84	0.803
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	35.1	--	--	--	--
	Home children - *at home*	68	30.9	--	--	--	--
	Day care children - *at home*	29	44.8	--	--	--	--
	Day care children - *at day care*	29	37.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	42.3	--	--	--	--
	Home children - *at home*	69	40.6	--	--	--	--
	Day care children - *at home*	28	46.4	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	15.2	--	--	--	--
	Home children - *at home*	69	8.7	--	--	--	--
	Day care children - *at home*	56	23.2	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	1.6	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-16b. Diazinon (333-41-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.530	0.970	2.19	46.4	483
	Home Children - *at home*	69	<MDL	0.550	0.890	1.94	28.5	248
	Day care Children - *at home*	56	<MDL	0.480	1.23	2.59	97.6	483
	Day care Children - *at day care*	22	0.260	0.440	0.960	10.2	58.9	59.6
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	0.170	0.350	1.49	78.9
	Home Children - *at home*	69	<MDL	0.100	0.170	0.380	3.67	78.9
	Day care Children - *at home*	58	<MDL	<MDL	0.160	0.330	0.670	0.810
	Day care Children - *at day care*	16	<MDL	<MDL	0.080	0.170	2.27	2.27
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.990	4.72	28,500
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1.49	13.9	28,500
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	1.55	4.72
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	7.07	7.07
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	9.72	19.8	73.2	1,710	79,900
	Home Children - *at home*	63	<MDL	9.04	17.6	76.2	2,140	79,900
	Day care Children - *at home*	57	<MDL	10.3	24.8	70.1	1,050	21,100
	Day care Children - *at day care*	23	5.08	28.4	40.0	210	1,610	1,630
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	11.1	21.7	90.9	3,140	62,400
	Home Children - *at home*	63	<MDL	10.4	16.8	41.7	2,950	14,700
	Day care Children - *at home*	57	<MDL	15.3	48.2	144	3,330	62,400
	Day care Children - *at day care*	23	6.25	44.2	218	564	3,940	12,500
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	13.2	75.6	478
	Home Children - *at home*	15	<MDL	<MDL	<MDL	13.0	478	478
	Day care Children - *at home*	6	<MDL	<MDL	11.3	19.0	47.1	47.1
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	10.5	2,090	2,090
	Home Children - *at home*	9	<MDL	<MDL	<MDL	32.5	2,090	2,090
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	7.32	19.8	1,050	1,050
	Home Children - *at home*	9	<MDL	<MDL	10.8	32.2	1,050	1,050
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	11.9	16.5	16.5
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	68.0	749	38,200
	Home Children - *at home*	68	<MDL	<MDL	<MDL	53.9	368	38,200
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	123	802	2,060
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	67.4	432	927
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	46.2	375	5,320
	Home Children - *at home*	69	<MDL	<MDL	<MDL	38.5	264	5,320
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	67.2	911	3,730
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.180	0.720
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.120	0.340
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.400	0.720
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.200	0.230
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.050
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.050
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.040
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-17a. Dibenzo[*a,h*]anthracene (53-70-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	126	73.8	34.0	80.7	4.43	2.14
	Home children - *at home*	68	72.1	24.7	50.8	3.98	2.03
	Day care children - *at home*	58	75.9	45.0	105	5.02	2.27
	Day care children - *at day care*	16	81.3	10.9	16.2	3.57	1.69
Indoor Floor Dust (ng/g)	All children - *at home*	120	99.2	410	878	165	1.24
	Home children - *at home*	63	98.4	352	663	146	1.27
	Day care children - *at home*	57	100.0	474	1,070	187	1.21
	Day care children - *at day care*	23	100.0	530	356	432	0.678
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	99.2	472	795	180	1.46
	Home children - *at home*	63	98.4	423	920	131	1.51
	Day care children - *at home*	57	100.0	526	632	258	1.33
	Day care children - *at day care*	23	100.0	3,570	4,080	1,150	1.93
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	66.7	11.9	8.75	9.51	0.663
	Home children - *at home*	15	53.3	8.89	5.48	7.68	0.533
	Day care children - *at home*	6	100.0	19.4	11.3	16.2	0.696
	Day care children - *at day care*	3	33.3	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	15.4	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	27.1	--	--	--	--
	Home children - *at home*	67	22.4	--	--	--	--
	Day care children - *at home*	29	37.9	--	--	--	--
	Day care children - *at day care*	29	34.5	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	69	7.2	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-17b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.410
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.410
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	4.18	21.6	157	604
	Home Children - *at home*	68	<MDL	<MDL	3.81	11.9	147	260
	Day care Children - *at home*	58	<MDL	0.710	4.36	29.1	276	604
	Day care Children - *at day care*	16	<MDL	0.835	4.78	11.3	57.6	57.6
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	75.9	172	280	1,890	6,590
	Home Children - *at home*	63	<MDL	70.8	151	242	1,200	3,520
	Day care Children - *at home*	57	12.7	76.3	196	336	2,020	6,590
	Day care Children - *at day care*	23	90.1	279	473	659	1,090	1,670
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	65.0	189	494	1,830	5,470
	Home Children - *at home*	63	<MDL	54.2	108	282	1,600	5,470
	Day care Children - *at home*	57	8.79	127	269	659	2,340	2,680
	Day care Children - *at day care*	23	22.5	172	1,470	7,060	11,600	12,800
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	7.72	18.2	31.3	33.1
	Home Children - *at home*	15	<MDL	<MDL	7.10	12.8	21.9	21.9
	Day care Children - *at home*	6	6.36	7.72	18.9	31.3	33.1	33.1
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	17.9	17.9	17.9
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	6.90	6.90
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	6.90	6.90
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	48.3	48.3
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	48.3	48.3
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	4.43	4.43
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	44.7	197	1,240
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	126	1,240
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	76.3	197	199
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	42.7	253	578
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	19.1	50.1
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	29.7	50.1
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.700
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.700
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.170
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-18a. Di-*n*-butylphthalate (84-74-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	96.8	268	180	208	0.806
	Home children - *at home*	69	98.6	254	136	208	0.730
	Day care children - *at home*	56	94.6	285	222	208	0.898
	Day care children - *at day care*	22	100.0	495	426	386	0.661
Outdoor Air (ng/m^3)	All children - *at home*	126	48.4	--	--	--	--
	Home children - *at home*	69	46.4	--	--	--	--
	Day care children - *at home*	57	50.9	61.0	67.1	38.1	0.925
	Day care children - *at day care*	16	56.3	51.0	80.9	27.5	1.02
Soil (ng/g)	All children - *at home*	124	60.5	301	572	72.8	1.62
	Home children - *at home*	67	73.1	436	703	118	1.70
	Day care children - *at home*	57	45.6	--	--	--	--
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	100.0	7,100	5,840	5,470	0.725
	Home children - *at home*	63	100.0	7,450	5,610	5,700	0.761
	Day care children - *at home*	56	100.0	6,710	6,100	5,220	0.686
	Day care children - *at day care*	23	100.0	15,700	10,100	13,700	0.519
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	100.0	13,100	25,700	5,910	1.19
	Home children - *at home*	63	100.0	10,500	22,900	5,080	1.11
	Day care children - *at home*	56	100.0	16,100	28,400	7,000	1.27
	Day care children - *at day care*	23	100.0	117,000	148,000	36,400	1.89
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	66.7	8,750	12,500	4,600	1.15
	Home children - *at home*	15	60.0	8,700	14,200	4,200	1.19
	Day care children - *at home*	6	83.3	8,880	7,680	5,750	1.13
	Day care children - *at day care*	3	100.0	74,300	58,500	44,400	1.53
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	84.6	5,060	2,570	4,280	0.664
	Home children - *at home*	9	88.9	5,260	2,320	4,590	0.622
	Day care children - *at home*	4	75.0	4,610	3,440	3,660	0.826
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	100.0	9,740	4,790	8,910	0.421
	Home children - *at home*	9	100.0	8,900	3,390	8,350	0.376
	Day care children - *at home*	4	100.0	11,600	7,370	10,300	0.539
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	40.2	--	--	--	--
	Home children - *at home*	68	30.9	--	--	--	--
	Day care children - *at home*	29	62.1	23,500	20,400	16,600	0.860
	Day care children - *at day care*	29	58.6	18,800	22,800	13,100	0.791
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	45.4	--	--	--	--
	Home children - *at home*	69	36.2	--	--	--	--
	Day care children - *at home*	28	67.9	19,200	22,400	10,700	1.11
Solid Food (Children) (ng/g)	All children - *at home*	91	26.4	--	--	--	--
	Home children - *at home*	47	25.5	--	--	--	--
	Day care children - *at home*	44	27.3	--	--	--	--
	Day care children - *at day care*	15	13.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	96	3.1	--	--	--	--
	Home children - *at home*	51	3.9	--	--	--	--
	Day care children - *at home*	45	2.2	--	--	--	--
	Day care children - *at day care*	25	4.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-18b. Di-*n*-butylphthalate (84-74-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	147	249	359	561	1,150
	Home Children - *at home*	69	<MDL	154	255	359	483	574
	Day care Children - *at home*	56	<MDL	140	234	358	683	1,150
	Day care Children - *at day care*	22	159	250	318	535	1,480	1,500
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	71.8	227	518
	Home Children - *at home*	69	<MDL	<MDL	<MDL	58.6	151	518
	Day care Children - *at home*	57	<MDL	<MDL	24.1	73.8	237	259
	Day care Children - *at day care*	16	<MDL	<MDL	20.9	46.8	335	335
Soil (ng/g)	All Children - *at home*	124	<MDL	<MDL	45.9	171	1,430	3,510
	Home Children - *at home*	67	<MDL	<MDL	90.0	655	1,990	3,510
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	61.1	960	1,200
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	136	1,170	1,170
Indoor Floor Dust (ng/g)	All Children - *at home*	119	790	3,400	5,220	8,060	20,000	38,800
	Home Children - *at home*	63	1,040	3,180	6,130	8,850	20,000	22,800
	Day care Children - *at home*	56	790	3,600	4,820	7,800	16,500	38,800
	Day care Children - *at day care*	23	4,060	9,970	14,800	17,300	22,800	56,300
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	341	2,640	5,680	13,100	43,400	180,000
	Home Children - *at home*	63	465	2,610	4,920	11,000	27,000	176,000
	Day care Children - *at home*	56	341	2,650	6,450	16,200	75,200	180,000
	Day care Children - *at day care*	23	1,590	5,120	53,200	161,000	485,000	494,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	6,950	8,650	21,200	58,100
	Home Children - *at home*	15	<MDL	<MDL	6,760	8,650	58,100	58,100
	Day care Children - *at home*	6	<MDL	1,750	7,390	14,300	21,200	21,200
	Day care Children - *at day care*	3	7,580	7,580	99,000	116,000	116,000	116,000
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	3,840	5,520	6,960	9,420	9,420
	Home Children - *at home*	9	<MDL	4,010	5,800	6,960	7,960	7,960
	Day care Children - *at home*	4	<MDL	<MDL	3,880	6,680	9,420	9,420
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	5,520	6,450	7,480	11,900	22,600	22,600
	Home Children - *at home*	9	5,520	6,050	7,290	11,900	14,500	14,500
	Day care Children - *at home*	4	7,060	7,270	8,460	16,000	22,600	22,600
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	21,300	72,200	281,000
	Home Children - *at home*	68	<MDL	<MDL	<MDL	12,900	72,200	281,000
	Day care Children - *at home*	29	<MDL	<MDL	17,700	31,600	58,800	85,300
	Day care Children - *at day care*	29	<MDL	<MDL	13,900	20,700	38,900	125,000
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	15,200	87,900	373,000
	Home Children - *at home*	69	<MDL	<MDL	<MDL	11,200	112,000	373,000
	Day care Children - *at home*	28	<MDL	<MDL	11,400	25,800	73,700	87,900
Solid Food (Children) (ng/g)	All Children - *at home*	91	<MDL	<MDL	<MDL	28.8	189	560
	Home Children - *at home*	47	<MDL	<MDL	<MDL	28.8	151	257
	Day care Children - *at home*	44	<MDL	<MDL	<MDL	30.1	189	560
	Day care Children - *at day care*	15	<MDL	<MDL	<MDL	<MDL	175	175
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	148
	Home Children - *at home*	51	<MDL	<MDL	<MDL	<MDL	<MDL	49.6
	Day care Children - *at home*	45	<MDL	<MDL	<MDL	<MDL	<MDL	148
	Day care Children - *at day care*	25	<MDL	<MDL	<MDL	<MDL	<MDL	30.8
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-19a. Dicamba (1918-00-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	123	0.8	--	--	--	--
	Home children - *at home*	67	1.5	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	121	3.3	--	--	--	--
	Home children - *at home*	67	4.5	--	--	--	--
	Day care children - *at home*	54	1.9	--	--	--	--
	Day care children - *at day care*	15	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	3.9	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	58	3.4	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	47.1	--	--	--	--
	Home children - *at home*	62	51.6	43.5	99.8	11.1	1.62
	Day care children - *at home*	57	42.1	--	--	--	--
	Day care children - *at day care*	23	52.2	34.8	70.8	10.8	1.40
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	47.1	--	--	--	--
	Home children - *at home*	62	51.6	58.6	140	10.0	1.82
	Day care children - *at home*	57	42.1	--	--	--	--
	Day care children - *at day care*	23	52.2	228	655	28.6	2.03
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	0.0	--	--	--	--
	Home children - *at home*	6	0.0	--	--	--	--
	Day care children - *at home*	3	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	4.2	--	--	--	--
	Home children - *at home*	67	4.5	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	68	1.5	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	127	11.8	--	--	--	--
	Home children - *at home*	69	14.5	--	--	--	--
	Day care children - *at home*	58	8.6	--	--	--	--
	Day care children - *at day care*	29	13.8	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	127	15.0	--	--	--	--
	Home children - *at home*	69	13.0	--	--	--	--
	Day care children - *at home*	58	17.2	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	122	0.8	--	--	--	--
	Home children - *at home*	67	0.0	--	--	--	--
	Day care children - *at home*	55	1.8	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-19b. Dicamba (1918-00-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	123	<MDL	<MDL	<MDL	<MDL	<MDL	0.269
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	0.269
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	1.16
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	0.440
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	<MDL	<MDL	1.16
	Day care Children - *at day care*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	51.6
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.06
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	51.6
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	140	140
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	<MDL	<MDL	28.6	130	586
	Home Children - *at home*	62	<MDL	<MDL	9.26	37.3	176	586
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	15.6	83.3	302
	Day care Children - *at day care*	23	<MDL	<MDL	8.92	17.1	240	260
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	<MDL	<MDL	27.3	260	770
	Home Children - *at home*	62	<MDL	<MDL	5.55	36.0	266	770
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	23.2	183	653
	Day care Children - *at day care*	23	<MDL	<MDL	30.1	90.0	1,280	2,980
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	172
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	172
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	135
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	89.2
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	31.8
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	30.8
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.660	3.29
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	1.13	3.29
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.660	1.52
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	2.86	7.28
Solid Food (Adults) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.670	3.91
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.510	2.12
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.730	3.91
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	<MDL	<MDL	0.410
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	0.410

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-20a. *p,p'*-DDE (72-55-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	35.2	--	--	--	--
	Home children - *at home*	69	36.2	--	--	--	--
	Day care children - *at home*	56	33.9	--	--	--	--
	Day care children - *at day care*	22	36.4	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	3.1	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	45.7	--	--	--	--
	Home children - *at home*	69	44.9	--	--	--	--
	Day care children - *at home*	58	46.6	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	48.3	--	--	--	--
	Home children - *at home*	63	49.2	--	--	--	--
	Day care children - *at home*	57	47.4	--	--	--	--
	Day care children - *at day care*	23	43.5	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	48.3	--	--	--	--
	Home children - *at home*	63	49.2	--	--	--	--
	Day care children - *at home*	57	47.4	--	--	--	--
	Day care children - *at day care*	23	43.5	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	14.3	--	--	--	--
	Home children - *at home*	15	13.3	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	68	7.4	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	76.8	0.292	0.456	0.183	0.876
	Home children - *at home*	69	75.4	0.272	0.463	0.169	0.860
	Day care children - *at home*	56	78.6	0.316	0.450	0.203	0.892
	Day care children - *at day care*	29	55.2	0.172	0.134	0.127	0.797
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	7.9	--	--	--	--
	Home children - *at home*	69	11.6	--	--	--	--
	Day care children - *at home*	57	3.5	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-20b. *p,p'*-DDE (72-55-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.150	0.440	2.20
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.170	0.480	2.20
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.130	0.360	0.510
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.100	0.290	1.57
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	1.71	32.1	491
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1.57	32.1	94.5
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	1.76	44.2	491
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	2.26	2.26
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	16.3	42.5	223
	Home Children - *at home*	63	<MDL	<MDL	<MDL	15.2	43.8	223
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	16.7	35.8	64.3
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	13.0	60.3	84.3
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	23.6	95.5	1,020
	Home Children - *at home*	63	<MDL	<MDL	<MDL	22.8	85.4	1,020
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	29.5	117	388
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	132	442	481
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	19.5	20.1
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	20.1	20.1
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	19.5	19.5
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	39.0	98.2
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	41.6	98.2
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	17.2	31.0
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	15.3	31.0
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	0.100	0.190	0.300	0.760	3.55
	Home Children - *at home*	69	<MDL	0.100	0.160	0.270	0.980	3.55
	Day care Children - *at home*	56	<MDL	0.140	0.210	0.365	0.760	3.24
	Day care Children - *at day care*	29	<MDL	<MDL	0.110	0.280	0.410	0.520
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.050	0.470
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.080	0.470
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.220
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-21a. *p,p'*-DDT (50-29-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	24.0	--	--	--	--
	Home children - *at home*	69	29.0	--	--	--	--
	Day care children - *at home*	56	17.9	--	--	--	--
	Day care children - *at day care*	22	9.1	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	32.3	--	--	--	--
	Home children - *at home*	69	29.0	--	--	--	--
	Day care children - *at home*	58	36.2	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	41.7	--	--	--	--
	Home children - *at home*	63	46.0	--	--	--	--
	Day care children - *at home*	57	36.8	--	--	--	--
	Day care children - *at day care*	23	26.1	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	41.7	--	--	--	--
	Home children - *at home*	63	46.0	--	--	--	--
	Day care children - *at home*	57	36.8	--	--	--	--
	Day care children - *at day care*	23	26.1	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	19.0	--	--	--	--
	Home children - *at home*	15	13.3	--	--	--	--
	Day care children - *at home*	6	33.3	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	68	1.5	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	7.2	--	--	--	--
	Home children - *at home*	69	8.7	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	4.0	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	29	10.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	2.4	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-21b. *p,p'*-DDT (50-29-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.540	2.27
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.160	0.610	2.27
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.520	0.560
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.250	1.15
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.080
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	3.40	67.1	1,500
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1.14	33.5	104
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	5.19	100	1,500
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	5.47	5.47
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	38.9	174	7,400
	Home Children - *at home*	63	<MDL	<MDL	<MDL	44.4	147	7,400
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	29.1	213	580
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	9.08	91.6	115
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	34.3	383	5,940
	Home Children - *at home*	63	<MDL	<MDL	<MDL	35.0	260	5,940
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	33.5	417	836
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	40.3	920	1,030
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	426	532
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	532	532
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	65.3	426	426
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	23.6	23.6
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	23.6	23.6
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	3,850
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	3,850
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	135	322
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	146	322
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	20.0
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	1.06
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.06
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.960
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.300	0.360
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-22a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	123	44.7	--	--	--	--
	Home children - *at home*	67	49.3	--	--	--	--
	Day care children - *at home*	56	39.3	--	--	--	--
	Day care children - *at day care*	22	40.9	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	116	32.8	--	--	--	--
	Home children - *at home*	65	33.8	--	--	--	--
	Day care children - *at home*	51	31.4	--	--	--	--
	Day care children - *at day care*	14	28.6	--	--	--	--
Soil (ng/g)	All children - *at home*	127	41.7	--	--	--	--
	Home children - *at home*	69	44.9	--	--	--	--
	Day care children - *at home*	58	37.9	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	95.8	579	2,080	137	1.65
	Home children - *at home*	62	98.4	731	2,760	170	1.58
	Day care children - *at home*	57	93.0	414	835	108	1.69
	Day care children - *at day care*	23	100.0	391	612	171	1.27
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	95.8	769	2,220	151	1.72
	Home children - *at home*	62	98.4	942	2,790	154	1.81
	Day care children - *at home*	57	93.0	580	1,340	149	1.64
	Day care children - *at day care*	23	100.0	2,310	5,820	454	1.87
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	55.6	58.1	86.0	26.5	1.25
	Home children - *at home*	6	50.0	55.4	102	21.3	1.28
	Day care children - *at home*	3	66.7	63.6	58.7	40.7	1.31
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	33.3	--	--	--	--
	Home children - *at home*	1	100.0	8.86	.	8.86	.
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	39.6	--	--	--	--
	Home children - *at home*	67	49.3	--	--	--	--
	Day care children - *at home*	29	17.2	--	--	--	--
	Day care children - *at day care*	29	17.2	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	53.6	100	166	57.3	0.948
	Home children - *at home*	68	63.2	102	108	66.8	0.909
	Day care children - *at home*	29	31.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	127	41.7	--	--	--	--
	Home children - *at home*	69	43.5	--	--	--	--
	Day care children - *at home*	58	39.7	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	127	45.7	--	--	--	--
	Home children - *at home*	69	47.8	--	--	--	--
	Day care children - *at home*	58	43.1	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	126	4.0	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	57	5.3	--	--	--	--
	Day care children - *at day care*	28	7.1	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	122	6.6	--	--	--	--
	Home children - *at home*	67	6.0	--	--	--	--
	Day care children - *at home*	55	7.3	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-22b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	123	<MDL	<MDL	<MDL	0.600	1.48	2.35
	Home Children - *at home*	67	<MDL	<MDL	<MDL	0.750	1.60	2.01
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.335	1.10	2.35
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.880	4.65	11.4
Outdoor Air (ng/m^3)	All Children - *at home*	116	<MDL	<MDL	<MDL	0.240	1.19	3.16
	Home Children - *at home*	65	<MDL	<MDL	<MDL	0.320	1.57	3.16
	Day care Children - *at home*	51	<MDL	<MDL	<MDL	0.200	0.550	0.900
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	0.260	0.410	0.410
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	1.10	6.73	26.5
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1.16	4.56	13.3
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.950	9.11	26.5
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	353	353
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	51.0	122	350	2,010	21,700
	Home Children - *at home*	62	<MDL	66.3	156	451	1,730	21,700
	Day care Children - *at home*	57	<MDL	44.6	102	253	2,010	4,970
	Day care Children - *at day care*	23	22.8	67.7	140	519	2,030	2,360
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	57.2	121	381	5,390	19,400
	Home Children - *at home*	62	<MDL	46.2	123	421	5,390	19,400
	Day care Children - *at home*	57	<MDL	71.6	121	302	2,950	7,430
	Day care Children - *at day care*	23	14.8	109	636	1,440	10,800	27,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	<MDL	18.3	55.0	264	264
	Home Children - *at home*	6	<MDL	<MDL	<MDL	21.0	264	264
	Day care Children - *at home*	3	<MDL	<MDL	55.0	126	126	126
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	8.86	8.86	8.86
	Home Children - *at home*	1	8.86	8.86	8.86	8.86	8.86	8.86
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	139	597	1,430
	Home Children - *at home*	67	<MDL	<MDL	<MDL	253	699	1,430
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	237	423
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	307	373
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	38.5	118	310	1,400
	Home Children - *at home*	68	<MDL	<MDL	59.6	140	277	660
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	53.1	332	1,400
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.480	1.75	27.6
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.430	1.87	20.2
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.530	1.71	27.6
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	3.88	6.73
Solid Food (Adults) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.490	1.83	6.71
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.580	2.13	3.69
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.450	1.11	6.71
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	2.75
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.270
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.220	2.75
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	0.230	0.990
Liquid Food (Adults) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	<MDL	0.210	0.780
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	0.200	0.780
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	0.360	0.420

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-23a. Dieldrin (60-57-1): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	12.0	--	--	--	--
	Home children - *at home*	69	11.6	--	--	--	--
	Day care children - *at home*	56	12.5	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	7.9	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	58	10.3	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	18.9	--	--	--	--
	Home children - *at home*	69	18.8	--	--	--	--
	Day care children - *at home*	58	19.0	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	18.3	--	--	--	--
	Home children - *at home*	63	20.6	--	--	--	--
	Day care children - *at home*	57	15.8	--	--	--	--
	Day care children - *at day care*	23	34.8	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	18.3	--	--	--	--
	Home children - *at home*	63	20.6	--	--	--	--
	Day care children - *at home*	57	15.8	--	--	--	--
	Day care children - *at day care*	23	34.8	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	4.8	--	--	--	--
	Home children - *at home*	15	6.7	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	68	1.5	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	8.0	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	56	10.7	--	--	--	--
	Day care children - *at day care*	29	10.3	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-23b. Dieldrin (60-57-1): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.770	11.6
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.830	8.31
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.770	11.6
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.310	3.27
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.210	3.08
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.190	3.08
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.410	1.53
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	21.7	3,330
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	21.7	3,330
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	49.8	411
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	1.01	1.01
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	107	366
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	106	366
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	113	148
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	50.6	111	451
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	204	4,170
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	146	4,170
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	222	603
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	148	1,250	2,370
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	23.4
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	23.4	23.4
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	208	208
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	208	208
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	110	110
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	5,510
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	5,510
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.350	1.45
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.260	0.470
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.440	1.45
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.840	2.62
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-24a. Endrin (72-20-8): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	11.2	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	56	12.5	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	18.9	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	58	22.4	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Soil (ng/g)	All children - *at home*	127	3.1	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	58	3.4	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	2.5	--	--	--	--
	Home children - *at home*	63	1.6	--	--	--	--
	Day care children - *at home*	57	3.5	--	--	--	--
	Day care children - *at day care*	23	30.4	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	2.5	--	--	--	--
	Home children - *at home*	63	1.6	--	--	--	--
	Day care children - *at home*	57	3.5	--	--	--	--
	Day care children - *at day care*	23	30.4	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	4.1	--	--	--	--
	Home children - *at home*	68	4.4	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-24b. Endrin (72-20-8): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.590	11.7
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.490	0.820
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.650	11.7
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.500	1.06
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.610	1.15
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.780	1.15
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.580	0.910
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	1.09	1.09
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	37.7
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	37.7
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	10.1
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	173
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	26.4
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	173
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	34.9	316	488
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	490
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	38.0
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	490
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	76.6	899	2,560
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	494	494
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	494	494
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	2,950
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	2,950
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	276
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	278
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	278
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	0.360
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-25a. Heptachlor (76-44-8): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	33.6	--	--	--	--
	Home children - *at home*	69	39.1	--	--	--	--
	Day care children - *at home*	56	26.8	--	--	--	--
	Day care children - *at day care*	22	36.4	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	18.9	--	--	--	--
	Home children - *at home*	69	26.1	--	--	--	--
	Day care children - *at home*	58	10.3	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Soil (ng/g)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	5.2	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	5.8	--	--	--	--
	Home children - *at home*	63	6.3	--	--	--	--
	Day care children - *at home*	57	5.3	--	--	--	--
	Day care children - *at day care*	23	4.3	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	5.8	--	--	--	--
	Home children - *at home*	63	6.3	--	--	--	--
	Day care children - *at home*	57	5.3	--	--	--	--
	Day care children - *at day care*	23	4.3	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	4.8	--	--	--	--
	Home children - *at home*	15	6.7	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	68	2.9	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	9.6	--	--	--	--
	Home children - *at home*	69	14.5	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	7.1	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-25b. Heptachlor (76-44-8): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	1.53	23.1	305
	Home Children - *at home*	69	<MDL	<MDL	<MDL	1.88	23.5	305
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.420	16.8	32.1
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	1.31	2.46	4.33
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.690	7.65
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.100	0.690	1.54
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.710	7.65
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.170	0.170
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	213
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	14.1	213
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	16.4	641
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	17.7	641
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	12.8	98.5
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	35.4
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	34.1	346
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	38.0	346
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	30.1	147
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	46.8
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	165
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	165	165
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	752
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	752
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	41.8
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	530
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	530
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.330	2.08
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.340	0.430
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	2.08
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	0.160	0.240
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-26a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	19.2	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	56	30.4	--	--	--	--
	Day care children - *at day care*	22	22.7	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	15.0	--	--	--	--
	Home children - *at home*	69	11.6	--	--	--	--
	Day care children - *at home*	58	19.0	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	89.7	151	357	14.7	2.43
	Home children - *at home*	68	91.2	112	238	13.2	2.32
	Day care children - *at home*	58	87.9	195	457	16.7	2.56
	Day care children - *at day care*	16	100.0	46.1	67.2	14.5	1.76
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	2,040	4,660	765	1.26
	Home children - *at home*	63	100.0	1,730	3,450	694	1.26
	Day care children - *at home*	57	100.0	2,370	5,730	850	1.26
	Day care children - *at day care*	23	100.0	2,580	1,930	2,040	0.718
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	2,240	3,930	838	1.45
	Home children - *at home*	63	100.0	2,070	4,650	620	1.48
	Day care children - *at home*	57	100.0	2,430	2,980	1,170	1.34
	Day care children - *at day care*	23	100.0	17,100	19,700	5,430	1.93
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	95.2	54.4	48.3	36.1	0.981
	Home children - *at home*	15	93.3	39.6	34.3	27.7	0.916
	Day care children - *at home*	6	100.0	91.4	61.2	70.2	0.868
	Day care children - *at day care*	3	100.0	40.7	44.4	27.6	1.04
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	50.0	8.18	5.15	7.21	0.552
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	69.2	20.9	27.6	11.2	1.14
	Home children - *at home*	9	66.7	23.5	33.0	10.9	1.27
	Day care children - *at home*	4	75.0	15.1	9.60	11.8	0.933
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	75.0	233	568	93.9	1.16
	Home children - *at home*	67	70.1	255	667	88.1	1.21
	Day care children - *at home*	29	86.2	183	206	109	1.05
	Day care children - *at day care*	29	65.5	237	501	85.1	1.29
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	60.8	39.4	44.7	26.9	0.795
	Home children - *at home*	69	60.9	40.6	48.2	27.0	0.817
	Day care children - *at home*	28	60.7	36.5	35.1	26.7	0.753
Solid Food (Children) (ng/g)	All children - *at home*	127	3.9	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	6.9	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-26b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.250	1.40
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.148	0.710
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.120	0.300	1.40
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.650	1.61
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.150	0.260
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.140	0.260
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.180	0.230
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.072	0.140	0.140
Soil (ng/g)	All Children - *at home*	126	<MDL	2.10	14.8	102	723	2,510
	Home Children - *at home*	68	<MDL	1.49	14.8	49.2	696	1,190
	Day care Children - *at home*	58	<MDL	2.21	15.2	123	1,440	2,510
	Day care Children - *at day care*	16	1.00	3.30	20.0	51.4	237	237
Indoor Floor Dust (ng/g)	All Children - *at home*	120	51.2	323	785	1,280	9,390	35,800
	Home Children - *at home*	63	81.3	282	696	1,180	5,950	18,600
	Day care Children - *at home*	57	51.2	327	879	1,490	12,600	35,800
	Day care Children - *at day care*	23	442	1,270	2,200	3,190	4,960	9,350
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	38.6	320	952	2,190	9,520	26,800
	Home Children - *at home*	63	38.6	219	491	1,370	8,450	26,800
	Day care Children - *at home*	57	41.7	489	1,250	3,200	11,200	12,700
	Day care Children - *at day care*	23	110	859	7,330	34,100	55,100	60,000
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	21.9	31.0	74.6	132	176
	Home Children - *at home*	15	<MDL	14.7	29.9	54.1	117	117
	Day care Children - *at home*	6	23.5	25.1	95.9	132	176	176
	Day care Children - *at day care*	3	14.8	14.8	15.4	91.9	91.9	91.9
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	7.24	34.1	34.1
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	34.1	34.1
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	11.5	15.7	15.7
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	12.7	18.9	99.9	99.9
	Home Children - *at home*	9	<MDL	<MDL	8.16	17.5	99.9	99.9
	Day care Children - *at home*	4	<MDL	<MDL	15.8	22.3	25.7	25.7
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	80.0	177	657	4,590
	Home Children - *at home*	67	<MDL	<MDL	57.9	176	629	4,590
	Day care Children - *at home*	29	<MDL	41.6	130	179	657	811
	Day care Children - *at day care*	29	<MDL	<MDL	69.6	167	1,030	2,530
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	21.8	41.1	159	232
	Home Children - *at home*	69	<MDL	<MDL	21.8	40.8	166	232
	Day care Children - *at home*	28	<MDL	<MDL	21.3	45.4	120	159
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	8.27
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	8.27
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.490	2.51
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-27a. IMP (2-isopropyl-6-methyl-4-pyrimidinol) (2814-20-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	96.0	1.41	3.55	0.625	1.07
	Home children - *at home*	69	97.1	1.00	1.50	0.580	0.953
	Day care children - *at home*	56	94.6	1.91	5.02	0.685	1.21
	Day care children - *at day care*	22	90.9	2.16	4.03	0.726	1.46
Outdoor Air (ng/m^3)	All children - *at home*	126	84.9	1.24	4.93	0.360	1.26
	Home children - *at home*	69	88.4	1.90	6.59	0.457	1.39
	Day care children - *at home*	57	80.7	0.455	0.551	0.269	1.03
	Day care children - *at day care*	15	93.3	3.49	11.4	0.331	1.76
Soil (ng/g)	All children - *at home*	125	40.8	--	--	--	--
	Home children - *at home*	67	44.8	--	--	--	--
	Day care children - *at home*	58	36.2	--	--	--	--
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	87.5	84.0	313	16.4	1.52
	Home children - *at home*	63	85.7	70.9	277	14.3	1.49
	Day care children - *at home*	57	89.5	98.4	350	19.0	1.56
	Day care children - *at day care*	23	87.0	73.0	155	18.8	1.68
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	87.5	106	341	18.0	1.74
	Home children - *at home*	63	85.7	64.5	213	12.8	1.62
	Day care children - *at home*	57	89.5	152	439	26.2	1.81
	Day care children - *at day care*	23	87.0	181	367	49.9	1.74
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	44.4	--	--	--	--
	Home children - *at home*	6	33.3	--	--	--	--
	Day care children - *at home*	3	66.7	47.2	37.0	28.3	1.52
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	29.6	--	--	--	--
	Home children - *at home*	69	30.4	--	--	--	--
	Day care children - *at home*	29	27.6	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	21.6	--	--	--	--
	Home children - *at home*	68	16.2	--	--	--	--
	Day care children - *at home*	29	34.5	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	40	87.5	0.524	0.538	0.358	0.870
	Home children - *at home*	26	96.2	0.615	0.600	0.433	0.838
	Day care children - *at home*	14	71.4	0.353	0.354	0.251	0.842
	Day care children - *at day care*	10	70.0	0.249	0.215	0.190	0.740
Solid Food (Adults) (ng/g)	All children - *at home*	34	88.2	0.703	0.890	0.451	0.947
	Home children - *at home*	21	81.0	0.808	1.10	0.461	1.10
	Day care children - *at home*	13	100.0	0.533	0.348	0.435	0.677
Liquid Food (Children) (ng/mL)	All children - *at home*	38	26.3	--	--	--	--
	Home children - *at home*	25	28.0	--	--	--	--
	Day care children - *at home*	13	23.1	--	--	--	--
	Day care children - *at day care*	7	57.1	0.084	0.072	0.045	1.41
Liquid Food (Adults) (ng/mL)	All children - *at home*	44	34.1	--	--	--	--
	Home children - *at home*	20	40.0	--	--	--	--
	Day care children - *at home*	24	29.2	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%. Note that IMP data for solid and liquid food samples are to be interpreted with caution due to recoveries being below 50%.

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Table J-27b. IMP (2-isopropyl-6-methyl-4-pyrimidinol) (2814-20-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.350	0.530	1.00	5.38	27.4
	Home Children - *at home*	69	<MDL	0.350	0.500	0.810	4.29	8.95
	Day care Children - *at home*	56	<MDL	0.395	0.595	1.06	6.28	27.4
	Day care Children - *at day care*	22	<MDL	0.360	0.540	2.21	13.4	14.9
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	0.140	0.360	0.770	2.01	49.6
	Home Children - *at home*	69	<MDL	0.200	0.440	0.970	10.5	49.6
	Day care Children - *at home*	57	<MDL	0.130	0.320	0.510	1.80	2.72
	Day care Children - *at day care*	15	<MDL	0.120	0.180	0.770	44.5	44.5
Soil (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.430	2.07	162
	Home Children - *at home*	67	<MDL	<MDL	<MDL	0.470	3.34	162
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.310	1.40	6.09
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.440	1.43	1.43
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	6.19	14.3	40.7	270	2,450
	Home Children - *at home*	63	<MDL	5.14	11.0	42.5	155	2,130
	Day care Children - *at home*	57	<MDL	9.20	17.8	39.2	550	2,450
	Day care Children - *at day care*	23	<MDL	7.84	16.7	38.2	312	696
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	5.53	14.8	52.6	456	2,900
	Home Children - *at home*	63	<MDL	3.13	14.0	29.1	155	1,240
	Day care Children - *at home*	57	<MDL	7.73	21.1	81.9	542	2,900
	Day care Children - *at day care*	23	<MDL	11.3	63.6	200	721	1,700
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	<MDL	<MDL	30.0	73.1	73.1
	Home Children - *at home*	6	<MDL	<MDL	<MDL	11.7	30.0	30.0
	Day care Children - *at home*	3	<MDL	<MDL	63.7	73.1	73.1	73.1
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	40.4	174	644
	Home Children - *at home*	69	<MDL	<MDL	<MDL	40.4	106	644
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	33.4	182	183
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	173	404
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	42.9	279
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	38.1	279
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	23.9	70.8	85.7
Solid Food (Children) (ng/g)	All Children - *at home*	40	<MDL	0.260	0.325	0.635	1.56	2.74
	Home Children - *at home*	26	<MDL	0.300	0.385	0.680	1.65	2.74
	Day care Children - *at home*	14	<MDL	<MDL	0.295	0.330	1.46	1.46
	Day care Children - *at day care*	10	<MDL	<MDL	0.165	0.280	0.730	0.730
Solid Food (Adults) (ng/g)	All Children - *at home*	34	<MDL	0.270	0.480	0.910	1.93	5.16
	Home Children - *at home*	21	<MDL	0.270	0.490	0.940	1.93	5.16
	Day care Children - *at home*	13	0.140	0.270	0.440	0.700	1.29	1.29
Liquid Food (Children) (ng/mL)	All Children - *at home*	38	<MDL	<MDL	<MDL	0.100	0.260	0.720
	Home Children - *at home*	25	<MDL	<MDL	<MDL	0.100	0.180	0.260
	Day care Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	0.720	0.720
	Day care Children - *at day care*	7	<MDL	<MDL	0.110	0.150	0.170	0.170
Liquid Food (Adults) (ng/mL)	All Children - *at home*	44	<MDL	<MDL	<MDL	0.185	4.57	24.9
	Home Children - *at home*	20	<MDL	<MDL	<MDL	0.490	2.70	4.57
	Day care Children - *at home*	24	<MDL	<MDL	<MDL	0.135	18.1	24.9

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Note that IMP data for solid and liquid food samples are to be interpreted with caution due to recoveries being below 50%.

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Table J-28a. Lindane (58-89-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	4.8	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	56	5.4	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	3.1	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Soil (ng/g)	All children - *at home*	127	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	10.0	--	--	--	--
	Home children - *at home*	63	12.7	--	--	--	--
	Day care children - *at home*	57	7.0	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	10.0	--	--	--	--
	Home children - *at home*	63	12.7	--	--	--	--
	Day care children - *at home*	57	7.0	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	68	2.9	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	3.2	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	56	3.6	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-28b. Lindane (58-89-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	16.0
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	16.0
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.340	8.98
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	1.07
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.07
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.280
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.170	0.170
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.610
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.610
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	14.1	74.7
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	17.7	74.7
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	7.86	16.3
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	49.0	57.5
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	23.5	250
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	21.0	250
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	26.0	30.1
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	216	391
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	149
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	149
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	325
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	325
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	1.77
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.51
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	1.77
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	9.78
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-29a. Nonylphenol (104-40-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	73	2.7	--	--	--	--
	Home children - *at home*	40	2.5	--	--	--	--
	Day care children - *at home*	33	3.0	--	--	--	--
	Day care children - *at day care*	9	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*	10	10.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	18	0.0	--	--	--	--
	Home children - *at home*	10	0.0	--	--	--	--
	Day care children - *at home*	8	0.0	--	--	--	--
	Day care children - *at day care*	10	10.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	12	8.3	--	--	--	--
	Home children - *at home*	8	12.5	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	3.1	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	127	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

US EPA ARCHIVE DOCUMENT

Table J-29b. Nonylphenol (104-40-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	1.36
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.900
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	73	<MDL	<MDL	<MDL	<MDL	<MDL	16.1
	Home Children - *at home*	40	<MDL	<MDL	<MDL	<MDL	<MDL	16.1
	Day care Children - *at home*	33	<MDL	<MDL	<MDL	<MDL	<MDL	7.26
	Day care Children - *at day care*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	10	<MDL	<MDL	<MDL	<MDL	70.7	70.7
Indoor Floor Dust (ng/m^2)	All Children - *at home*	18	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	10	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	10	<MDL	<MDL	<MDL	<MDL	162	162
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	12	<MDL	<MDL	<MDL	<MDL	630	630
	Home Children - *at home*	8	<MDL	<MDL	<MDL	<MDL	630	630
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	853
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	853
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	172
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	1.06
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.06
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	1.07
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-30a. Pentachloronitrobenzene (82-68-8): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	9.6	--	--	--	--
	Home children - *at home*	69	7.2	--	--	--	--
	Day care children - *at home*	56	12.5	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	3.1	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	5.2	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Soil (ng/g)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	23	4.3	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	23	4.3	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	68	2.9	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	125	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	1.8	--	--	--	--
	Day care children - *at day care*	29	6.9	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-30b. Pentachloronitrobenzene (82-68-8): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.690	4.45
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.500	1.38
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.860	4.45
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	1.98	2.24
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	1.02
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.02
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.170	0.780
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.090	0.090
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	7.07
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	130
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	63.2
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	63.2
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	52.8
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	52.8
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.450
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.450
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.400	0.730
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-31a. Pentachlorophenol (87-86-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	123	91.9	4.92	8.94	2.06	1.39
	Home children - *at home*	67	95.5	6.14	11.2	2.79	1.23
	Day care children - *at home*	56	87.5	3.46	4.77	1.43	1.50
	Day care children - *at day care*	22	68.2	2.80	4.04	0.898	1.82
Outdoor Air (ng/m^3)	All children - *at home*	106	60.4	1.04	1.77	0.413	1.37
	Home children - *at home*	56	71.4	1.19	1.71	0.552	1.34
	Day care children - *at home*	50	48.0	--	--	--	--
	Day care children - *at day care*	13	53.8	0.934	1.48	0.299	1.64
Soil (ng/g)	All children - *at home*	127	51.2	3.39	7.63	1.03	1.45
	Home children - *at home*	69	50.7	2.58	4.75	0.969	1.36
	Day care children - *at home*	58	51.7	4.36	9.99	1.10	1.56
	Day care children - *at day care*	16	37.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	94.1	112	219	59.9	1.10
	Home children - *at home*	62	95.2	133	292	65.8	1.06
	Day care children - *at home*	57	93.0	90.2	85.4	54.1	1.13
	Day care children - *at day care*	23	91.3	81.9	145	41.5	1.09
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	94.1	242	690	66.2	1.65
	Home children - *at home*	62	95.2	196	645	59.4	1.56
	Day care children - *at home*	57	93.0	293	739	74.5	1.75
	Day care children - *at day care*	23	91.3	597	1,250	110	2.14
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	44.4	--	--	--	--
	Home children - *at home*	6	33.3	--	--	--	--
	Day care children - *at home*	3	66.7	47.0	56.0	27.8	1.25
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	33.3	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	50.0	70.3	95.1	20.7	2.68
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	50.0	142	205	96.5	0.757
	Home children - *at home*	67	49.3	--	--	--	--
	Day care children - *at home*	29	51.7	110	88.8	86.3	0.667
	Day care children - *at day care*	29	20.7	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	51.5	79.3	93.7	51.8	0.860
	Home children - *at home*	68	44.1	--	--	--	--
	Day care children - *at home*	29	69.0	85.2	66.1	62.1	0.836
Solid Food (Children) (ng/g)	All children - *at home*	127	21.3	--	--	--	--
	Home children - *at home*	69	20.3	--	--	--	--
	Day care children - *at home*	58	22.4	--	--	--	--
	Day care children - *at day care*	29	13.8	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	127	25.2	--	--	--	--
	Home children - *at home*	69	21.7	--	--	--	--
	Day care children - *at home*	58	29.3	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	126	3.2	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	28	3.6	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	122	5.7	--	--	--	--
	Home children - *at home*	67	4.5	--	--	--	--
	Day care children - *at home*	55	7.3	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-31b. Pentachlorophenol (87-86-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	123	<MDL	1.19	2.14	4.54	18.3	73.3
	Home Children - *at home*	67	<MDL	1.42	2.76	4.89	25.0	73.3
	Day care Children - *at home*	56	<MDL	0.550	1.44	4.14	15.0	23.6
	Day care Children - *at day care*	22	<MDL	<MDL	1.32	4.09	10.6	16.8
Outdoor Air (ng/m^3)	All Children - *at home*	106	<MDL	<MDL	0.430	1.18	4.09	11.6
	Home Children - *at home*	56	<MDL	<MDL	0.785	1.25	4.09	10.6
	Day care Children - *at home*	50	<MDL	<MDL	<MDL	0.790	4.12	11.6
	Day care Children - *at day care*	13	<MDL	<MDL	0.220	1.15	5.36	5.36
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	0.730	2.83	14.2	62.2
	Home Children - *at home*	69	<MDL	<MDL	0.730	2.66	12.1	32.3
	Day care Children - *at home*	58	<MDL	<MDL	0.760	3.35	21.6	62.2
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.820	6.60	6.60
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	28.3	59.8	137	345	2,250
	Home Children - *at home*	62	<MDL	29.8	61.1	132	352	2,250
	Day care Children - *at home*	57	<MDL	25.8	53.6	144	278	399
	Day care Children - *at day care*	23	<MDL	22.6	35.6	77.8	165	712
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	20.0	74.6	245	758	5,300
	Home Children - *at home*	62	<MDL	20.0	82.9	186	385	5,110
	Day care Children - *at home*	57	<MDL	23.8	65.1	287	808	5,300
	Day care Children - *at day care*	23	<MDL	30.2	00.0	663	2,310	5,690
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	<MDL	<MDL	21.0	111	111
	Home Children - *at home*	6	<MDL	<MDL	<MDL	21.0	25.2	25.2
	Day care Children - *at home*	3	<MDL	<MDL	19.8	111	111	111
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	138	138	138
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	138	138	138
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	147	440	1,790
	Home Children - *at home*	67	<MDL	<MDL	<MDL	158	455	1,790
	Day care Children - *at home*	29	<MDL	<MDL	62.9	134	339	346
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	149	319
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	37.4	108	242	620
	Home Children - *at home*	68	<MDL	<MDL	<MDL	91.7	263	620
	Day care Children - *at home*	29	<MDL	<MDL	52.0	124	242	242
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.620	0.910
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.480	0.910
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.660	0.790
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.330	0.420
Solid Food (Adults) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.250	0.530	0.760
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.540	0.670
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.300	0.530	0.760
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.390
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.390
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	0.240
Liquid Food (Adults) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	<MDL	0.220	1.50
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	0.540
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	0.230	1.50

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-32a. *cis*-Permethrin (61949-76-6): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	21.6	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	56	28.6	--	--	--	--
	Day care children - *at day care*	22	27.3	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	23.6	--	--	--	--
	Home children - *at home*	69	23.2	--	--	--	--
	Day care children - *at home*	58	24.1	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Soil (ng/g)	All children - *at home*	127	6.3	--	--	--	--
	Home children - *at home*	69	10.1	--	--	--	--
	Day care children - *at home*	58	1.7	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	100.0	2,320	8,050	572	1.47
	Home children - *at home*	63	100.0	1,360	3,170	515	1.25
	Day care children - *at home*	57	100.0	3,380	11,200	643	1.68
	Day care children - *at day care*	23	100.0	1,460	1,300	968	0.967
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	100.0	8,250	43,200	627	2.01
	Home children - *at home*	63	100.0	3,740	14,000	459	1.85
	Day care children - *at home*	57	100.0	13,200	60,800	886	2.14
	Day care children - *at day care*	23	100.0	7,750	13,600	2,570	1.60
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	71.4	2,800	11,300	107	2.52
	Home children - *at home*	15	60.0	350	528	63.2	2.30
	Day care children - *at home*	6	100.0	8,930	21,100	401	2.79
	Day care children - *at day care*	3	66.7	41.4	31.6	25.9	1.45
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	38.5	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	50.0	1,960	3,890	53.4	3.48
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	69.2	349	813	40.7	2.23
	Home children - *at home*	9	55.6	156	380	19.4	2.08
	Day care children - *at home*	4	100.0	782	1,380	216	1.73
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	87.6	1,390	3,000	388	1.59
	Home children - *at home*	68	86.8	987	1,990	331	1.48
	Day care children - *at home*	29	89.7	2,330	4,480	564	1.78
	Day care children - *at day care*	29	79.3	1,470	2,890	344	1.87
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	77.3	582	1,650	133	1.68
	Home children - *at home*	69	73.9	433	1,130	112	1.64
	Day care children - *at home*	28	85.7	951	2,510	204	1.71
Solid Food (Children) (ng/g)	All children - *at home*	125	31.2	--	--	--	--
	Home children - *at home*	69	23.2	--	--	--	--
	Day care children - *at home*	56	41.1	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	68	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-32b. *cis*-Permethrin (61949-76-6): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	1.63	5.39
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	1.04	2.33
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.673	3.54	5.39
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.306	0.881	6.50
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.973	1.78
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.973	1.78
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	1.04	1.39
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.564	0.564
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	2.73	1,450
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	4.56	1,450
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	6.84
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	16.6	197	470	1,550	7,630	79,600
	Home Children - *at home*	63	62.8	244	400	1,100	4,660	23,200
	Day care Children - *at home*	57	16.6	181	560	1,740	19,500	79,600
	Day care Children - *at day care*	23	127	418	1,010	1,850	3,830	4,630
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	17.4	145	447	2,520	38,500	454,000
	Home Children - *at home*	63	17.4	119	319	1,490	13,400	103,000
	Day care Children - *at home*	57	26.1	175	608	3,500	47,000	454,000
	Day care Children - *at day care*	23	87.7	719	2,710	6,750	48,200	50,300
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	89.4	639	1,930	52,000
	Home Children - *at home*	15	<MDL	<MDL	58.3	639	1,930	1,930
	Day care Children - *at home*	6	14.0	66.8	373	725	52,000	52,000
	Day care Children - *at day care*	3	<MDL	<MDL	59.2	60.1	60.1	60.1
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	56.0	7,800	7,800
	Home Children - *at home*	9	<MDL	<MDL	<MDL	56.0	113	113
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	3,920	7,800	7,800
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	37.2	118	2,850	2,850
	Home Children - *at home*	9	<MDL	<MDL	23.3	37.2	1,160	1,160
	Day care Children - *at home*	4	75.0	81.1	102	1,480	2,850	2,850
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	172	331	946	8,350	20,500
	Home Children - *at home*	68	<MDL	165	311	897	3,940	11,600
	Day care Children - *at home*	29	<MDL	238	450	1,460	9,740	20,500
	Day care Children - *at day care*	29	<MDL	104	353	1,400	6,480	13,900
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	39.3	171	366	2,140	11,200
	Home Children - *at home*	69	<MDL	<MDL	134	262	1,340	8,540
	Day care Children - *at home*	28	<MDL	75.1	232	494	8,060	11,200
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.190	8.83	560
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	5.93	29.6
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.270	21.6	560
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	2.21	31.0
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-33a. *trans*-Permethrin (61949-77-7): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	18.4	--	--	--	--
	Home children - *at home*	69	13.0	--	--	--	--
	Day care children - *at home*	56	25.0	--	--	--	--
	Day care children - *at day care*	22	22.7	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	20.5	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	58	24.1	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	124	6.5	--	--	--	--
	Home children - *at home*	67	10.4	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	14	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	118	100.0	2,340	8,320	453	1.60
	Home children - *at home*	62	100.0	1,420	4,220	409	1.38
	Day care children - *at home*	56	100.0	3,360	11,200	508	1.82
	Day care children - *at day care*	22	100.0	1,260	1,220	784	1.02
Indoor Floor Dust (ng/m^2)	All children - *at home*	118	100.0	7,640	42,600	475	2.08
	Home children - *at home*	62	100.0	3,260	11,000	350	1.94
	Day care children - *at home*	56	100.0	12,500	60,600	665	2.18
	Day care children - *at day care*	22	100.0	7,260	14,000	2,020	1.75
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	71.4	2,810	11,200	106	2.56
	Home children - *at home*	15	60.0	376	565	63.6	2.34
	Day care children - *at home*	6	100.0	8,890	21,000	385	2.83
	Day care children - *at day care*	3	66.7	38.8	31.2	24.4	1.41
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	38.5	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	50.0	1,990	3,950	54.6	3.49
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	69.2	292	790	33.1	2.11
	Home children - *at home*	9	55.6	76.5	170	15.4	1.81
	Day care children - *at home*	4	100.0	775	1,400	185	1.83
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	87.6	1,350	3,360	321	1.60
	Home children - *at home*	68	86.8	877	1,970	260	1.46
	Day care children - *at home*	29	89.7	2,440	5,270	526	1.80
	Day care children - *at day care*	29	79.3	1,490	3,250	302	1.86
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	77.3	586	1,970	113	1.65
	Home children - *at home*	69	73.9	356	944	93.3	1.57
	Day care children - *at home*	28	85.7	1,150	3,340	183	1.77
Solid Food (Children) (ng/g)	All children - *at home*	125	31.2	--	--	--	--
	Home children - *at home*	69	23.2	--	--	--	--
	Day care children - *at home*	56	41.1	--	--	--	--
	Day care children - *at day care*	29	24.1	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	68	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-33b. *trans*-Permethrin (61949-77-7): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	1.04	6.79
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.730	2.37
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	2.74	6.79
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.662	6.84
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.669	1.32
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.814	1.32
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.669	0.999
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	124	<MDL	<MDL	<MDL	<MDL	2.06	1,400
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	3.21	1,400
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	2.78
	Day care Children - *at day care*	14	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	118	16.5	132	344	1,270	9,210	78,800
	Home Children - *at home*	62	53.5	148	313	1,040	4,290	31,900
	Day care Children - *at home*	56	16.5	119	459	1,600	18,200	78,800
	Day care Children - *at day care*	22	126	362	554	1,860	3,420	3,950
Indoor Floor Dust (ng/m^2)	All Children - *at home*	118	15.1	110	295	1,430	38,600	450,000
	Home Children - *at home*	62	15.1	84.0	212	1,200	12,300	65,100
	Day care Children - *at home*	56	20.1	133	497	2,900	43,900	450,000
	Day care Children - *at day care*	22	73.6	467	2,630	5,690	47,200	51,700
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	93.7	706	2,040	51,800
	Home Children - *at home*	15	<MDL	<MDL	48.8	724	2,040	2,040
	Day care Children - *at home*	6	11.7	63.7	367	706	51,800	51,800
	Day care Children - *at day care*	3	<MDL	<MDL	45.2	66.2	66.2	66.2
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	50.7	7,910	7,910
	Home Children - *at home*	9	<MDL	<MDL	<MDL	50.7	109	109
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	3,980	7,910	7,910
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	30.8	79.5	2,880	2,880
	Home Children - *at home*	9	<MDL	<MDL	18.2	30.8	524	524
	Day care Children - *at home*	4	64.0	71.6	79.3	1,480	2,880	2,880
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	132	270	718	7,690	21,000
	Home Children - *at home*	68	<MDL	115	207	567	4,810	10,200
	Day care Children - *at home*	29	<MDL	190	449	1,300	19,600	21,000
	Day care Children - *at day care*	29	<MDL	109	276	869	8,330	15,300
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	29.8	129	257	1,630	13,700
	Home Children - *at home*	69	<MDL	<MDL	98.8	221	1,120	7,030
	Day care Children - *at home*	28	<MDL	61.2	224	357	12,100	13,700
Solid Food (Children) (ng/g)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.180	7.96	448
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	5.62	21.2
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.250	13.6	448
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	1.42	26.7
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-34a. PCB 44 (41464-39-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	31.2	--	--	--	--
	Home children - *at home*	69	27.5	--	--	--	--
	Day care children - *at home*	56	35.7	--	--	--	--
	Day care children - *at day care*	22	31.8	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	15.9	--	--	--	--
	Home children - *at home*	69	18.8	--	--	--	--
	Day care children - *at home*	57	12.3	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	14.3	--	--	--	--
	Home children - *at home*	69	11.6	--	--	--	--
	Day care children - *at home*	57	17.5	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	27.5	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	24.6	--	--	--	--
	Day care children - *at day care*	23	8.7	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	27.5	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	24.6	--	--	--	--
	Day care children - *at day care*	23	8.7	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	9.5	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	33.3	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	15.4	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	10.3	--	--	--	--
	Home children - *at home*	68	11.8	--	--	--	--
	Day care children - *at home*	29	6.9	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	6.2	--	--	--	--
	Home children - *at home*	69	8.7	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-34b. PCB 44 (41464-39-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.150	1.05	3.66
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.170	1.05	1.83
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.150	1.17	3.66
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.100	0.320	0.830
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.140	0.250
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.170	0.250
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.110	0.160
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.450	0.450
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	5.23	21.5
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	4.71	18.3
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	5.46	21.5
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	5.06	5.06
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	7.07	27.2	57.1
	Home Children - *at home*	63	<MDL	<MDL	<MDL	9.44	25.3	57.1
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	32.1	55.7
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	7.07	12.5
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	8.88	37.0	336
	Home Children - *at home*	63	<MDL	<MDL	<MDL	7.88	35.9	90.7
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	83.2	336
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	41.9	65.8
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	7.93	8.18
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	7.93	8.18	8.18
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	10.6	10.6
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	10.6	10.6
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	41.3	41.3
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	41.3	41.3
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	42.9	55.5
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	42.9	55.5
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	40.8	43.6
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	36.3
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	26.1	41.3
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	28.7	41.3
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-35a. PCB 52 (35693-99-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	86.4	0.662	0.922	0.342	1.26
	Home children - *at home*	69	82.6	0.643	0.831	0.317	1.35
	Day care children - *at home*	56	91.1	0.686	1.03	0.375	1.16
	Day care children - *at day care*	22	95.5	0.575	0.411	0.460	0.787
Outdoor Air (ng/m^3)	All children - *at home*	125	63.2	0.145	0.131	0.093	1.00
	Home children - *at home*	69	63.8	0.146	0.126	0.095	0.996
	Day care children - *at home*	56	62.5	0.145	0.137	0.091	1.01
	Day care children - *at day care*	15	86.7	0.192	0.265	0.112	1.02
Soil (ng/g)	All children - *at home*	126	20.6	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	57	26.3	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	46.7	--	--	--	--
	Home children - *at home*	63	49.2	--	--	--	--
	Day care children - *at home*	57	43.9	--	--	--	--
	Day care children - *at day care*	23	69.6	10.5	10.7	7.18	0.919
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	46.7	--	--	--	--
	Home children - *at home*	63	49.2	--	--	--	--
	Day care children - *at home*	57	43.9	--	--	--	--
	Day care children - *at day care*	23	69.6	61.0	82.1	19.1	1.82
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	38.1	--	--	--	--
	Home children - *at home*	15	33.3	--	--	--	--
	Day care children - *at home*	6	50.0	8.08	3.90	7.34	0.477
	Day care children - *at day care*	3	33.3	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	12	50.0	22.1	23.5	13.0	1.06
	Home children - *at home*	8	37.5	--	--	--	--
	Day care children - *at home*	4	75.0	19.7	19.9	14.2	0.886
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	17.7	--	--	--	--
	Home children - *at home*	67	22.4	--	--	--	--
	Day care children - *at home*	29	6.9	--	--	--	--
	Day care children - *at day care*	29	10.3	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	22.7	--	--	--	--
	Home children - *at home*	69	26.1	--	--	--	--
	Day care children - *at home*	28	14.3	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	5.6	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	57	7.0	--	--	--	--
	Day care children - *at day care*	29	6.9	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-35b. PCB 52 (35693-99-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	0.210	0.420	0.650	2.40	6.76
	Home Children - *at home*	69	<MDL	0.170	0.420	0.650	2.40	4.34
	Day care Children - *at home*	56	<MDL	0.240	0.405	0.705	2.93	6.76
	Day care Children - *at day care*	22	<MDL	0.380	0.485	0.620	0.860	2.17
Outdoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	0.110	0.220	0.400	0.630
	Home Children - *at home*	69	<MDL	<MDL	0.130	0.220	0.400	0.610
	Day care Children - *at home*	56	<MDL	<MDL	0.105	0.220	0.460	0.630
	Day care Children - *at day care*	15	<MDL	0.070	0.100	0.230	1.07	1.07
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	10.6	50.2
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	9.19	47.4
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.590	12.0	50.2
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	9.39	9.39
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	12.3	37.8	129
	Home Children - *at home*	63	<MDL	<MDL	<MDL	14.1	39.2	129
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	10.1	36.0	57.3
	Day care Children - *at day care*	23	<MDL	<MDL	7.24	11.3	27.0	50.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	14.9	50.3	235
	Home Children - *at home*	63	<MDL	<MDL	<MDL	11.0	44.1	121
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	15.4	71.2	235
	Day care Children - *at day care*	23	<MDL	<MDL	26.4	84.8	255	266
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	7.45	12.7	13.0
	Home Children - *at home*	15	<MDL	<MDL	<MDL	7.17	8.69	8.69
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	12.7	13.0	13.0
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	6.97	6.97	6.97
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	10.2	10.2
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	10.2	10.2
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	12	<MDL	<MDL	<MDL	41.2	70.8	70.8
	Home Children - *at home*	8	<MDL	<MDL	<MDL	43.6	70.8	70.8
	Day care Children - *at home*	4	<MDL	<MDL	11.7	31.3	49.2	49.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	56.7	84.0
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	61.5	84.0
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	49.4	56.7
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	36.5	55.3
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	36.8	58.8
	Home Children - *at home*	69	<MDL	<MDL	<MDL	18.9	36.8	58.8
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	27.4	40.4
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.090	0.470
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.270
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.130	0.470
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	0.180	0.180
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-36a. PCB 70 (32698-11-1): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	34.4	--	--	--	--
	Home children - *at home*	69	39.1	--	--	--	--
	Day care children - *at home*	56	28.6	--	--	--	--
	Day care children - *at day care*	22	45.5	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	14.3	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	57	12.3	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	18.3	--	--	--	--
	Home children - *at home*	69	13.0	--	--	--	--
	Day care children - *at home*	57	24.6	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	25.8	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	21.1	--	--	--	--
	Day care children - *at day care*	23	21.7	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	25.8	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	21.1	--	--	--	--
	Day care children - *at day care*	23	21.7	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	52.4	7.26	3.65	6.69	0.385
	Home children - *at home*	15	53.3	6.47	1.72	6.26	0.261
	Day care children - *at home*	6	50.0	9.26	6.18	7.89	0.597
	Day care children - *at day care*	3	33.3	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	15.4	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	95	17.9	--	--	--	--
	Home children - *at home*	66	21.2	--	--	--	--
	Day care children - *at home*	29	10.3	--	--	--	--
	Day care children - *at day care*	29	13.8	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	11.3	--	--	--	--
	Home children - *at home*	69	13.0	--	--	--	--
	Day care children - *at home*	28	7.1	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-36b. PCB 70 (32698-11-1): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.120	0.620	3.31
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.120	0.870	1.33
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.110	0.590	3.31
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.110	0.380	0.600
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.110	0.200
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.110	0.140
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.120	0.200
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.430	0.430
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	8.28	32.4
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	7.24	24.3
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	12.8	32.4
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	6.90	6.90
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	7.00	24.9	101
	Home Children - *at home*	63	<MDL	<MDL	<MDL	10.1	27.3	101
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	22.3	30.5
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	7.07	8.20
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	8.39	29.8	127
	Home Children - *at home*	63	<MDL	<MDL	<MDL	6.78	38.0	95.0
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	29.5	127
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	65.5	160
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	6.30	8.48	11.9	20.5
	Home Children - *at home*	15	<MDL	<MDL	6.30	7.45	9.31	9.31
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	11.9	20.5	20.5
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	10.4	10.4	10.4
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	11.9	11.9
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	11.9	11.9
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	7.66	7.66
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	31.0	31.0
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	31.0	31.0
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	29.0	29.0
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	95	<MDL	<MDL	<MDL	<MDL	63.9	86.5
	Home Children - *at home*	66	<MDL	<MDL	<MDL	<MDL	63.9	86.5
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	54.0	73.8
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	43.9	47.0
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	27.1	52.4
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	28.3	52.4
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	21.1	21.6
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-37a. PCB 77 (32598-13-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	0.0	--	--	--	--
	Home children - *at home*	63	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
	Day care children - *at day care*	97	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	68	0.0	--	--	--	--
	Home children - *at home*	29	0.0	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-37b. PCB 77 (32598-13-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	2.54
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	2.54
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-38a. PCB 95 (38379-99-6): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	60.0	0.222	0.469	0.094	1.17
	Home children - *at home*	69	59.4	0.198	0.347	0.093	1.14
	Day care children - *at home*	56	60.7	0.251	0.588	0.096	1.23
	Day care children - *at day care*	22	77.3	0.157	0.186	0.097	0.970
Outdoor Air (ng/m^3)	All children - *at home*	127	35.4	--	--	--	--
	Home children - *at home*	69	34.8	--	--	--	--
	Day care children - *at home*	58	36.2	--	--	--	--
	Day care children - *at day care*	16	43.8	--	--	--	--
Soil (ng/g)	All children - *at home*	126	23.0	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	57	29.8	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	37.5	--	--	--	--
	Home children - *at home*	63	39.7	--	--	--	--
	Day care children - *at home*	57	35.1	--	--	--	--
	Day care children - *at day care*	23	65.2	6.29	4.49	4.87	0.769
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	37.5	--	--	--	--
	Home children - *at home*	63	39.7	--	--	--	--
	Day care children - *at home*	57	35.1	--	--	--	--
	Day care children - *at day care*	23	65.2	34.2	40.4	12.9	1.65
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	4.8	--	--	--	--
	Home children - *at home*	15	6.7	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	30.8	--	--	--	--
	Home children - *at home*	9	33.3	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	7.2	--	--	--	--
	Home children - *at home*	68	8.8	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	10.3	--	--	--	--
	Home children - *at home*	69	8.7	--	--	--	--
	Day care children - *at home*	28	14.3	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

US EPA ARCHIVE DOCUMENT

Table J-38b. PCB 95 (38379-99-6): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	0.110	0.170	0.930	3.96
	Home Children - *at home*	69	<MDL	<MDL	0.110	0.170	0.930	1.88
	Day care Children - *at home*	56	<MDL	<MDL	0.105	0.190	1.49	3.96
	Day care Children - *at day care*	22	<MDL	0.060	0.100	0.180	0.470	0.810
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	0.110	0.190	0.330
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.110	0.180	0.330
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.100	0.230	0.250
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.085	1.04	1.04
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	8.84	75.9
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	7.98	58.1
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.850	14.8	75.9
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	7.66	7.66
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	7.72	30.6	176
	Home Children - *at home*	63	<MDL	<MDL	<MDL	8.36	31.2	176
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	7.07	29.9	78.4
	Day care Children - *at day care*	23	<MDL	<MDL	6.00	7.46	14.3	19.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	9.29	37.2	349
	Home Children - *at home*	63	<MDL	<MDL	<MDL	8.35	37.2	144
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	11.9	37.2	349
	Day care Children - *at day care*	23	<MDL	<MDL	16.2	61.7	110	135
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	8.14
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	8.14	8.14
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	11.8	50.0	50.0
	Home Children - *at home*	9	<MDL	<MDL	<MDL	11.8	50.0	50.0
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	29.4	29.4
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	49.6	86.4
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	49.6	86.4
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	62.2
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	27.3	49.5
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	35.9	49.5
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	20.9	27.3
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.110
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-39a. PCB 101 (37680-73-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	52.8	0.226	0.594	0.085	1.22
	Home children - *at home*	69	47.8	--	--	--	--
	Day care children - *at home*	56	58.9	0.280	0.805	0.097	1.26
	Day care children - *at day care*	22	68.2	0.165	0.225	0.089	1.10
Outdoor Air (ng/m^3)	All children - *at home*	127	23.6	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	58	32.8	--	--	--	--
	Day care children - *at day care*	16	37.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	25.4	--	--	--	--
	Home children - *at home*	69	20.3	--	--	--	--
	Day care children - *at home*	57	31.6	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	41.7	--	--	--	--
	Home children - *at home*	63	44.4	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	60.9	7.63	6.63	5.31	0.910
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	41.7	--	--	--	--
	Home children - *at home*	63	44.4	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	60.9	41.8	53.4	14.1	1.72
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	9.5	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	33.3	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	46.2	--	--	--	--
	Home children - *at home*	9	44.4	--	--	--	--
	Day care children - *at home*	4	50.0	9.78	8.31	7.88	0.706
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	11.3	--	--	--	--
	Home children - *at home*	68	11.8	--	--	--	--
	Day care children - *at home*	29	10.3	--	--	--	--
	Day care children - *at day care*	29	3.4	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	12.4	--	--	--	--
	Home children - *at home*	69	13.0	--	--	--	--
	Day care children - *at home*	28	10.7	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-39b. PCB 101 (37680-73-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	0.090	0.190	1.02	5.90
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.170	1.02	1.78
	Day care Children - *at home*	56	<MDL	<MDL	0.100	0.220	1.10	5.90
	Day care Children - *at day care*	22	<MDL	<MDL	0.100	0.150	0.690	0.900
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	0.150	0.360
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.140	0.360
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	0.100	0.180	0.250
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.075	0.940	0.940
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.560	14.6	107
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	12.0	80.4
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	1.32	21.6	107
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	12.4	12.4
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	8.87	46.0	273
	Home Children - *at home*	63	<MDL	<MDL	<MDL	10.1	46.4	273
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	7.72	40.5	94.3
	Day care Children - *at day care*	23	<MDL	<MDL	6.10	10.5	17.6	28.4
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	13.6	60.4	416
	Home Children - *at home*	63	<MDL	<MDL	<MDL	9.34	58.0	170
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	14.5	70.0	416
	Day care Children - *at day care*	23	<MDL	<MDL	16.2	52.4	149	170
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	7.52	17.2
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	7.52	17.2	17.2
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	12.2	51.5	51.5
	Home Children - *at home*	9	<MDL	<MDL	<MDL	12.2	51.5	51.5
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	14.2	22.2	22.2
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	65.3	112
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	65.3	112
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	43.0	73.1
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	42.0
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	40.9	84.0
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	56.0	84.0
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	30.4	40.9
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.210
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-40a. PCB 105 (32598-14-4): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	4.8	--	--	--	--
	Home children - *at home*	69	4.3	--	--	--	--
	Day care children - *at home*	56	5.4	--	--	--	--
	Day care children - *at day care*	22	9.1	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	2.4	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	58	3.4	--	--	--	--
	Day care children - *at day care*	16	6.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	20.6	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	57	26.3	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	13.3	--	--	--	--
	Home children - *at home*	63	15.9	--	--	--	--
	Day care children - *at home*	57	10.5	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	13.3	--	--	--	--
	Home children - *at home*	63	15.9	--	--	--	--
	Day care children - *at home*	57	10.5	--	--	--	--
	Day care children - *at day care*	23	17.4	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	14.3	--	--	--	--
	Home children - *at home*	15	13.3	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	5.2	--	--	--	--
	Home children - *at home*	68	7.4	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	28	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

US EPA ARCHIVE DOCUMENT

Table J-40b. PCB 105 (32598-14-4): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	2.46
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.260
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.110	2.46
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.220	0.350
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.250
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.250
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.110	0.110
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	2.03	83.3
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	1.87	28.5
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.590	16.7	83.3
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	1.82	1.82
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	19.7	197
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	24.4	197
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	15.3	27.2
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	24.7	39.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	41.7	140
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	45.4	77.3
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	35.3	140
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	76.1	197
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	8.14	12.4
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	8.14	8.14
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	12.4	12.4
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	39.0	39.0
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	39.0	39.0
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	39.0	113
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	50.6	113
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	26.5
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	26.5
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-41a. PCB 110 (38380-03-9): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	46.4	--	--	--	--
	Home children - *at home*	69	44.9	--	--	--	--
	Day care children - *at home*	56	48.2	--	--	--	--
	Day care children - *at day care*	22	27.3	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	19.8	--	--	--	--
	Home children - *at home*	69	21.7	--	--	--	--
	Day care children - *at home*	57	17.5	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Soil (ng/g)	All children - *at home*	126	31.7	--	--	--	--
	Home children - *at home*	69	26.1	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	45.0	--	--	--	--
	Home children - *at home*	63	46.0	--	--	--	--
	Day care children - *at home*	57	43.9	--	--	--	--
	Day care children - *at day care*	23	60.9	8.93	9.41	5.92	0.946
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	45.0	--	--	--	--
	Home children - *at home*	63	46.0	--	--	--	--
	Day care children - *at home*	57	43.9	--	--	--	--
	Day care children - *at day care*	23	60.9	51.8	76.4	15.7	1.77
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	42.9	--	--	--	--
	Home children - *at home*	15	40.0	--	--	--	--
	Day care children - *at home*	6	50.0	8.83	7.30	7.25	0.620
	Day care children - *at day care*	3	33.3	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	46.2	--	--	--	--
	Home children - *at home*	9	44.4	--	--	--	--
	Day care children - *at home*	4	50.0	10.0	7.87	8.40	0.638
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	11.5	--	--	--	--
	Home children - *at home*	67	13.4	--	--	--	--
	Day care children - *at home*	29	6.9	--	--	--	--
	Day care children - *at day care*	29	6.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	13.4	--	--	--	--
	Home children - *at home*	69	14.5	--	--	--	--
	Day care children - *at home*	28	10.7	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-41b. PCB 110 (38380-03-9): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	0.150	0.720	5.60
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.150	0.630	1.24
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.155	0.740	5.60
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	0.090	0.710	0.750
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.150	0.240
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.150	0.230
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.170	0.240
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.085	0.660	0.660
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.980	9.48	170
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.530	8.12	86.2
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	1.19	34.2	170
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	7.77	7.77
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	10.5	45.6	340
	Home Children - *at home*	63	<MDL	<MDL	<MDL	12.3	47.6	340
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	8.12	43.5	67.8
	Day care Children - *at day care*	23	<MDL	<MDL	7.06	9.78	23.0	44.2
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	13.9	69.7	361
	Home Children - *at home*	63	<MDL	<MDL	<MDL	11.9	78.4	164
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	15.4	61.1	361
	Day care Children - *at day care*	23	<MDL	<MDL	16.2	45.4	232	272
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	7.66	10.3	23.4
	Home Children - *at home*	15	<MDL	<MDL	<MDL	7.66	10.3	10.3
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	8.97	23.4	23.4
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	7.24	7.24	7.24
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	10.4	41.5	41.5
	Home Children - *at home*	9	<MDL	<MDL	<MDL	10.4	41.5	41.5
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	14.0	21.8	21.8
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	56.7	152
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	56.7	152
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	56.1	90.5
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	36.3	64.2
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	55.1	171
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	75.0	171
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	44.8	55.1
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-42a. PCB 118 (31508-00-6): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	24.0	--	--	--	--
	Home children - *at home*	69	21.7	--	--	--	--
	Day care children - *at home*	56	26.8	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	126	6.3	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	57	7.0	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Soil (ng/g)	All children - *at home*	126	30.2	--	--	--	--
	Home children - *at home*	69	26.1	--	--	--	--
	Day care children - *at home*	57	35.1	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	40.0	--	--	--	--
	Home children - *at home*	63	41.3	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	47.8	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	40.0	--	--	--	--
	Home children - *at home*	63	41.3	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	47.8	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	19.0	--	--	--	--
	Home children - *at home*	15	20.0	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	10.3	--	--	--	--
	Home children - *at home*	68	11.8	--	--	--	--
	Day care children - *at home*	29	6.9	--	--	--	--
	Day care children - *at day care*	29	6.9	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	7.2	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	28	10.7	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	1.6	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-42b. PCB 118 (31508-00-6): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.340	5.65
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.340	0.660
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	0.095	0.340	5.65
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.530	0.800
Outdoor Air (ng/m^3)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	0.090	0.200
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.090	0.200
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	0.100	0.130
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.330	0.330
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.790	5.76	178
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.500	4.78	70.2
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	1.04	29.9	178
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	4.70	4.70
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	8.39	39.7	367
	Home Children - *at home*	63	<MDL	<MDL	<MDL	10.1	39.9	367
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	7.22	39.5	50.3
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	8.41	17.0	29.6
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	12.7	44.4	239
	Home Children - *at home*	63	<MDL	<MDL	<MDL	9.34	44.9	127
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	14.7	43.8	239
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	64.6	155	187
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	8.07	15.9
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	8.07	8.07
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	15.9	15.9
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	21.4	21.4
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	21.4	21.4
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	12.3	12.3
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	49.5	102
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	49.5	102
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	36.3	69.8
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	50.8	54.3
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	24.4	45.6
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	21.8	45.6
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	34.2	42.2
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.130
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.130
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-43a. PCB 138 (35065-28-2): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	8.8	--	--	--	--
	Home children - *at home*	69	5.8	--	--	--	--
	Day care children - *at home*	56	12.5	--	--	--	--
	Day care children - *at day care*	22	13.6	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	1.6	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	31.7	--	--	--	--
	Home children - *at home*	69	29.0	--	--	--	--
	Day care children - *at home*	57	35.1	--	--	--	--
	Day care children - *at day care*	16	25.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	28.3	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	26.3	--	--	--	--
	Day care children - *at day care*	23	26.1	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	28.3	--	--	--	--
	Home children - *at home*	63	30.2	--	--	--	--
	Day care children - *at home*	57	26.3	--	--	--	--
	Day care children - *at day care*	23	26.1	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	7.7	--	--	--	--
	Home children - *at home*	9	11.1	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	68	2.9	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.8	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-43b. PCB 138 (35065-28-2): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.130	2.83
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.100	0.270
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.190	2.83
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.150	0.450
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.100
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.170	0.170
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.980	6.54	183
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.600	4.93	75.5
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	1.73	44.0	183
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	4.94	4.94
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	5.99	29.6	335
	Home Children - *at home*	63	<MDL	<MDL	<MDL	9.10	43.1	335
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	4.28	23.8	31.1
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	7.07	15.1	15.8
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	8.92	49.4	177
	Home Children - *at home*	63	<MDL	<MDL	<MDL	7.20	66.8	77.1
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	10.4	30.1	177
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	30.1	121	170
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	6.20	6.20
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	6.20	6.20
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	67.2
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	67.2
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	53.8
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	53.8
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-44a. PCB 153 (35065-27-1): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	16.8	--	--	--	--
	Home children - *at home*	69	15.9	--	--	--	--
	Day care children - *at home*	56	17.9	--	--	--	--
	Day care children - *at day care*	22	18.2	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	12.5	--	--	--	--
Soil (ng/g)	All children - *at home*	126	34.1	--	--	--	--
	Home children - *at home*	69	29.0	--	--	--	--
	Day care children - *at home*	57	40.4	--	--	--	--
	Day care children - *at day care*	16	31.3	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	40.0	--	--	--	--
	Home children - *at home*	63	41.3	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	47.8	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	40.0	--	--	--	--
	Home children - *at home*	63	41.3	--	--	--	--
	Day care children - *at home*	57	38.6	--	--	--	--
	Day care children - *at day care*	23	47.8	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	4.8	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	16.7	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	23.1	--	--	--	--
	Home children - *at home*	9	22.2	--	--	--	--
	Day care children - *at home*	4	25.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	4.1	--	--	--	--
	Home children - *at home*	68	4.4	--	--	--	--
	Day care children - *at home*	29	3.4	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	2.1	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	1.6	--	--	--	--
	Home children - *at home*	69	1.4	--	--	--	--
	Day care children - *at home*	57	1.8	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-44b. PCB 153 (35065-27-1): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	0.250	2.51
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	0.190	0.290
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.370	2.51
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	0.200	0.540
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	0.230	0.230
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	1.02	6.60	114
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.680	5.37	54.1
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	1.53	42.7	114
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	0.895	5.39	5.39
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	9.86	37.0	254
	Home Children - *at home*	63	<MDL	<MDL	<MDL	11.4	38.3	254
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	7.96	35.7	49.8
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	8.78	36.0	39.0
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	10.5	61.0	158
	Home Children - *at home*	63	<MDL	<MDL	<MDL	9.21	63.5	128
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	12.3	41.5	158
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	87.1	300	374
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	24.5
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	24.5	24.5
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	25.7	25.7
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	19.0	19.0
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	25.7	25.7
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	53.2
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	53.2
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	37.0
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	104
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	22.3
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	104
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.090
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-45a. PCB 180 (35065-29-3): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	125	2.4	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	56	5.4	--	--	--	--
	Day care children - *at day care*	22	4.5	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	126	22.2	--	--	--	--
	Home children - *at home*	69	17.4	--	--	--	--
	Day care children - *at home*	57	28.1	--	--	--	--
	Day care children - *at day care*	16	18.8	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	120	16.7	--	--	--	--
	Home children - *at home*	63	20.6	--	--	--	--
	Day care children - *at home*	57	12.3	--	--	--	--
	Day care children - *at day care*	23	13.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	16.7	--	--	--	--
	Home children - *at home*	63	20.6	--	--	--	--
	Day care children - *at home*	57	12.3	--	--	--	--
	Day care children - *at day care*	23	13.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	21	0.0	--	--	--	--
	Home children - *at home*	15	0.0	--	--	--	--
	Day care children - *at home*	6	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	13	0.0	--	--	--	--
	Home children - *at home*	9	0.0	--	--	--	--
	Day care children - *at home*	4	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	68	0.0	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	1.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	28	3.6	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
Liquid Food (Children) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						
	Day care children - *at day care*						
Liquid Food (Adults) (ng/mL)	All children - *at home*						
	Home children - *at home*						
	Day care children - *at home*						

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-45b. PCB 180 (35065-29-3): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.300
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	0.110	0.300
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	0.330
Outdoor Air (ng/m^3)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	1.91	47.9
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	1.00	14.9
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.700	25.4	47.9
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	1.51	1.51
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	17.7	125
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	28.0	125
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	10.1	18.9
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	12.0	18.7
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	<MDL	<MDL	<MDL	21.2	173
	Home Children - *at home*	63	<MDL	<MDL	<MDL	<MDL	20.0	173
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	29.5	35.8
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	119	200
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	13	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	4	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	150
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	28	<MDL	<MDL	<MDL	<MDL	<MDL	150
Solid Food (Children) (ng/g)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
Liquid Food (Children) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							
	Day care Children - *at day care*							
Liquid Food (Adults) (ng/mL)	All Children - *at home*							
	Home Children - *at home*							
	Day care Children - *at home*							

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries.

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Table J-46a. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (93-76-5): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	123	0.0	--	--	--	--
	Home children - *at home*	67	0.0	--	--	--	--
	Day care children - *at home*	56	0.0	--	--	--	--
	Day care children - *at day care*	22	0.0	--	--	--	--
Outdoor Air (ng/m^3)	All children - *at home*	121	0.8	--	--	--	--
	Home children - *at home*	67	0.0	--	--	--	--
	Day care children - *at home*	54	1.9	--	--	--	--
	Day care children - *at day care*	15	0.0	--	--	--	--
Soil (ng/g)	All children - *at home*	127	3.9	--	--	--	--
	Home children - *at home*	69	2.9	--	--	--	--
	Day care children - *at home*	58	5.2	--	--	--	--
	Day care children - *at day care*	16	0.0	--	--	--	--
Indoor Floor Dust (ng/g)	All children - *at home*	119	3.4	--	--	--	--
	Home children - *at home*	62	3.2	--	--	--	--
	Day care children - *at home*	57	3.5	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Indoor Floor Dust (ng/m^2)	All children - *at home*	119	3.4	--	--	--	--
	Home children - *at home*	62	3.2	--	--	--	--
	Day care children - *at home*	57	3.5	--	--	--	--
	Day care children - *at day care*	23	0.0	--	--	--	--
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	0.0	--	--	--	--
	Home children - *at home*	6	0.0	--	--	--	--
	Day care children - *at home*	3	0.0	--	--	--	--
	Day care children - *at day care*	3	0.0	--	--	--	--
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	0.0	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	0.0	--	--	--	--
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	96	1.0	--	--	--	--
	Home children - *at home*	67	1.5	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	97	0.0	--	--	--	--
	Home children - *at home*	68	0.0	--	--	--	--
	Day care children - *at home*	29	0.0	--	--	--	--
Solid Food (Children) (ng/g)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
	Day care children - *at day care*	29	0.0	--	--	--	--
Solid Food (Adults) (ng/g)	All children - *at home*	127	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	58	0.0	--	--	--	--
Liquid Food (Children) (ng/mL)	All children - *at home*	126	0.0	--	--	--	--
	Home children - *at home*	69	0.0	--	--	--	--
	Day care children - *at home*	57	0.0	--	--	--	--
	Day care children - *at day care*	28	0.0	--	--	--	--
Liquid Food (Adults) (ng/mL)	All children - *at home*	122	0.8	--	--	--	--
	Home children - *at home*	67	0.0	--	--	--	--
	Day care children - *at home*	55	1.8	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-46b. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (93-76-5): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	123	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	56	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	22	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Outdoor Air (ng/m^3)	All Children - *at home*	121	<MDL	<MDL	<MDL	<MDL	<MDL	0.730
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	54	<MDL	<MDL	<MDL	<MDL	<MDL	0.730
	Day care Children - *at day care*	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Soil (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	68.1
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	68.1
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	0.410	3.52
	Day care Children - *at day care*	16	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/g)	All Children - *at home*	119	<MDL	<MDL	<MDL	<MDL	<MDL	531
	Home Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	531
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	43.0
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Indoor Floor Dust (ng/m^2)	All Children - *at home*	119	<MDL	<MDL	<MDL	<MDL	<MDL	563
	Home Children - *at home*	62	<MDL	<MDL	<MDL	<MDL	<MDL	563
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	73.0
	Day care Children - *at day care*	23	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	6	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	96	<MDL	<MDL	<MDL	<MDL	<MDL	3,610
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	3,610
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	97	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	29	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Solid Food (Adults) (ng/g)	All Children - *at home*	127	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children - *at home*	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at day care*	28	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Liquid Food (Adults) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	<MDL	<MDL	10.4
	Home Children - *at home*	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	<MDL	<MDL	10.4

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Table J-47a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Summaries of concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Indoor Air (ng/m^3)	All children - *at home*	123	100.0	2.05	4.97	0.815	1.14
	Home children - *at home*	69	100.0	2.30	6.02	0.791	1.21
	Day care children - *at home*	54	100.0	1.73	3.20	0.847	1.05
	Day care children - *at day care*	21	100.0	1.50	1.25	1.01	0.976
Outdoor Air (ng/m^3)	All children - *at home*	118	88.1	0.338	0.504	0.226	0.814
	Home children - *at home*	64	93.8	0.373	0.618	0.248	0.783
	Day care children - *at home*	54	81.5	0.295	0.322	0.202	0.844
	Day care children - *at day care*	15	86.7	0.204	0.137	0.161	0.763
Soil (ng/g)	All children - *at home*	127	80.3	3.99	15.3	0.821	1.47
	Home children - *at home*	69	78.3	5.02	19.2	0.799	1.58
	Day care children - *at home*	58	82.8	2.76	8.66	0.847	1.35
	Day care children - *at day care*	16	81.3	1.15	1.57	0.601	1.15
Indoor Floor Dust (ng/g)	All children - *at home*	120	99.2	153	348	51.0	1.31
	Home children - *at home*	63	98.4	127	271	46.5	1.29
	Day care children - *at home*	57	100.0	180	418	56.6	1.33
	Day care children - *at day care*	23	100.0	93.8	105	62.3	0.890
Indoor Floor Dust (ng/m^2)	All children - *at home*	120	99.2	436	2,360	55.9	1.77
	Home children - *at home*	63	98.4	176	395	41.5	1.68
	Day care children - *at home*	57	100.0	723	3,390	77.9	1.83
	Day care children - *at day care*	23	100.0	493	867	165	1.64
Hard Floor Surface Wipes (ng/m^2)	All children - *at home*	9	88.9	49.5	105	16.2	1.32
	Home children - *at home*	6	83.3	61.5	130	15.0	1.54
	Day care children - *at home*	3	100.0	25.6	22.7	18.9	0.994
	Day care children - *at day care*	3	100.0	10.6	4.23	10.0	0.377
Food Preparation Surface Wipes (ng/m^2)	All children - *at home*	3	66.7	7.15	2.08	6.93	0.315
	Home children - *at home*	1	100.0	8.97	.	8.97	.
	Day care children - *at home*	2	50.0	6.23	1.92	6.09	0.312
	Day care children - *at day care*						
Transferable Residues (ng/m^2)	All children - *at home*	3	33.3	--	--	--	--
	Home children - *at home*	1	0.0	--	--	--	--
	Day care children - *at home*	2	50.0	13.9	15.2	8.74	1.46
	Day care children - *at day care*						
Dermal Wipe (Children) (ng/m^2)	All children - *at home*	98	96.9	154	120	121	0.686
	Home children - *at home*	69	95.7	167	134	128	0.730
	Day care children - *at home*	29	100.0	124	70.9	107	0.558
	Day care children - *at day care*	29	89.7	116	73.7	95.8	0.662
Dermal Wipe (Adults) (ng/m^2)	All children - *at home*	94	92.6	53.7	40.1	42.5	0.687
	Home children - *at home*	65	93.8	55.8	44.4	43.1	0.709
	Day care children - *at home*	29	89.7	48.9	28.3	40.9	0.644
Solid Food (Children) (ng/g)	All children - *at home*	127	99.2	2.55	2.60	1.70	0.990
	Home children - *at home*	69	100.0	2.90	3.04	2.01	0.898
	Day care children - *at home*	58	98.3	2.15	1.89	1.39	1.06
	Day care children - *at day care*	29	100.0	2.81	4.97	1.66	0.871
Solid Food (Adults) (ng/g)	All children - *at home*	127	99.2	3.74	5.98	2.05	1.08
	Home children - *at home*	69	100.0	4.62	6.46	2.76	0.975
	Day care children - *at home*	58	98.3	2.69	5.22	1.44	1.09
Liquid Food (Children) (ng/mL)	All children - *at home*	126	33.3	--	--	--	--
	Home children - *at home*	69	34.8	--	--	--	--
	Day care children - *at home*	57	31.6	--	--	--	--
	Day care children - *at day care*	28	53.6	0.188	0.309	0.072	1.52
Liquid Food (Adults) (ng/mL)	All children - *at home*	122	35.2	--	--	--	--
	Home children - *at home*	67	41.8	--	--	--	--
	Day care children - *at home*	55	27.3	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples. Multiple or replicate sample results at a given location have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table J-47b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Reported Concentrations in OH multimedia samples collected from the homes and day care centers of preschool children who stay at home or attend day care during the day.[a]

Medium	Group	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Indoor Air (ng/m^3)	All Children - *at home*	123	0.090	0.410	0.630	1.58	9.31	42.0
	Home Children - *at home*	69	0.090	0.360	0.550	1.59	9.66	42.0
	Day care Children - *at home*	54	0.110	0.460	0.670	1.39	9.31	18.9
	Day care Children - *at day care*	21	0.150	0.520	0.710	2.70	3.78	3.89
Outdoor Air (ng/m^3)	All Children - *at home*	118	<MDL	0.130	0.225	0.370	0.960	4.86
	Home Children - *at home*	64	<MDL	0.155	0.240	0.420	0.870	4.86
	Day care Children - *at home*	54	<MDL	0.110	0.215	0.350	1.02	1.81
	Day care Children - *at day care*	15	<MDL	0.090	0.170	0.310	0.500	0.500
Soil (ng/g)	All Children - *at home*	127	<MDL	0.230	0.700	2.02	8.86	127
	Home Children - *at home*	69	<MDL	0.230	0.570	2.31	9.33	127
	Day care Children - *at home*	58	<MDL	0.280	0.810	2.01	8.86	64.1
	Day care Children - *at day care*	16	<MDL	0.215	0.625	1.34	6.30	6.30
Indoor Floor Dust (ng/g)	All Children - *at home*	120	<MDL	23.7	41.0	89.8	824	1,960
	Home Children - *at home*	63	<MDL	21.9	39.1	84.7	538	1,610
	Day care Children - *at home*	57	4.14	25.6	43.3	94.8	1,600	1,960
	Day care Children - *at day care*	23	15.3	35.8	57.7	141	194	503
Indoor Floor Dust (ng/m^2)	All Children - *at home*	120	<MDL	18.0	38.1	171	1,580	25,400
	Home Children - *at home*	63	<MDL	13.5	33.8	115	1,070	1,990
	Day care Children - *at home*	57	1.53	21.5	45.1	251	2,760	25,400
	Day care Children - *at day care*	23	7.53	42.6	175	664	1,660	4,020
Hard Floor Surface Wipes (ng/m^2)	All Children - *at home*	9	<MDL	7.93	9.03	18.9	327	327
	Home Children - *at home*	6	<MDL	7.93	8.93	11.2	327	327
	Day care Children - *at home*	3	6.97	6.97	18.9	50.9	50.9	50.9
	Day care Children - *at day care*	3	7.52	7.52	8.76	15.4	15.4	15.4
Food Preparation Surface Wipes (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	7.59	8.97	8.97	8.97
	Home Children - *at home*	1	8.97	8.97	8.97	8.97	8.97	8.97
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	7.59	7.59	7.59
	Day care Children - *at day care*							
Transferable Residues (ng/m^2)	All Children - *at home*	3	<MDL	<MDL	<MDL	24.6	24.6	24.6
	Home Children - *at home*	1	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day care Children - *at home*	2	<MDL	<MDL	<MDL	24.6	24.6	24.6
	Day care Children - *at day care*							
Dermal Wipe (Children) (ng/m^2)	All Children - *at home*	98	<MDL	78.6	117	193	335	670
	Home Children - *at home*	69	<MDL	79.3	128	214	542	670
	Day care Children - *at home*	29	42.4	70.2	104	169	264	308
	Day care Children - *at day care*	29	<MDL	62.2	106	152	281	356
Dermal Wipe (Adults) (ng/m^2)	All Children - *at home*	94	<MDL	26.6	42.2	63.2	145	198
	Home Children - *at home*	65	<MDL	26.6	42.0	63.5	153	198
	Day care Children - *at home*	29	<MDL	32.0	47.8	55.0	109	115
Solid Food (Children) (ng/g)	All Children - *at home*	127	<MDL	1.01	1.86	3.35	5.85	23.2
	Home Children - *at home*	69	0.280	1.31	2.47	3.52	6.35	23.2
	Day care Children - *at home*	58	<MDL	0.760	1.60	2.93	5.40	9.45
	Day care Children - *at day care*	29	0.380	0.980	1.49	2.47	8.06	27.2
Solid Food (Adults) (ng/g)	All Children - *at home*	127	<MDL	1.00	2.09	3.98	12.2	45.0
	Home Children - *at home*	69	0.340	1.45	2.55	5.17	13.3	45.0
	Day care Children - *at home*	58	<MDL	0.750	1.50	2.82	8.87	39.1
Liquid Food (Children) (ng/mL)	All Children - *at home*	126	<MDL	<MDL	<MDL	0.140	1.22	2.33
	Home Children - *at home*	69	<MDL	<MDL	<MDL	0.140	1.10	2.33
	Day care Children - *at home*	57	<MDL	<MDL	<MDL	0.130	1.32	2.32
	Day care Children - *at day care*	28	<MDL	<MDL	0.105	0.175	0.790	1.51
Liquid Food (Adults) (ng/mL)	All Children - *at home*	122	<MDL	<MDL	<MDL	0.190	1.53	5.94
	Home Children - *at home*	67	<MDL	<MDL	<MDL	0.190	1.34	2.81
	Day care Children - *at home*	55	<MDL	<MDL	<MDL	0.140	3.23	5.94

[a] Multiple or replicate sample results at a given location have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by 10 for liquid food samples and by the square root of 2 for all other samples), averaged, and exponentiated back to regular units prior to summarizing the data across locations. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of locations having data entering into the summaries. Reported measures of 0 ng/mL in liquid food do not enter into the descriptive statistics.

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Appendix K

Detailed Results of Statistical Analyses to Test for Significant Differences in Multimedia Pollutant Measurements Between Selected Strata, by State and Media Type

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Table K-1. Estimated Ratio Between Selected Strata of Geometric Mean Pollutant Levels in NC Multimedia Samples, and 95% Confidence Intervals on This Ratio, for Pollutants Detected in At Least 50% of Samples

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Benz[*a*]anthracene						
Outdoor Air	1.58* (1.04,2.40)	0.95 (0.69,1.31)	1.49 (0.88,2.50)	1.67 (0.87,3.21)	1.27 (0.85,1.89)	1.32 (0.69,2.54)
Soil	1.30 (0.52,3.26)	2.55** (1.27,5.13)	0.48 (0.15,1.51)	0.47 (0.11,1.99)	0.97 (0.40,2.32)	0.49 (0.12,2.07)
Dust (ng/g)	0.92 (0.54,1.59)	0.54** (0.36,0.83)	0.52 (0.27,1.01)	0.49 (0.21,1.12)	0.89 (0.53,1.50)	0.55 (0.24,1.28)
Dust (ng/m^2)	0.78 (0.39,1.55)	1.57 (0.92,2.68)	0.12** (0.05,0.27)	0.12** (0.04,0.33)	0.97 (0.50,1.90)	0.12** (0.04,0.35)
Hard Floor Surface Wipes	2.20 (0.36,13.28)	1.19 (0.27,5.20)			0.22* (0.05,0.94)	
Transferable Residues	0.20 (0.03,1.28)	0.54 (0.11,2.56)			1.90 (0.42,8.69)	
Benzo[*b*]fluoranthene						
Indoor Air	1.44 (0.92,2.24)	1.95** (1.39,2.74)	1.08 (0.61,1.90)	1.13 (0.56,2.31)	1.11 (0.73,1.69)	1.02 (0.50,2.09)
Outdoor Air	1.48 (0.89,2.47)	1.15 (0.78,1.70)	1.41 (0.75,2.65)	1.62 (0.73,3.57)	1.32 (0.81,2.13)	1.23 (0.56,2.73)
Soil	1.27 (0.47,3.39)	2.54* (1.20,5.37)	0.50 (0.15,1.72)	0.51 (0.11,2.39)	1.04 (0.41,2.64)	0.50 (0.11,2.32)
Dust (ng/g)	0.91 (0.53,1.58)	0.57** (0.37,0.86)	0.55 (0.28,1.07)	0.48 (0.21,1.12)	0.78 (0.46,1.33)	0.62 (0.26,1.44)
Dust (ng/m^2)	0.77 (0.38,1.56)	1.63 (0.94,2.81)	0.12** (0.05,0.29)	0.12** (0.04,0.34)	0.86 (0.43,1.70)	0.13** (0.05,0.40)
Hard Floor Surface Wipes	1.73 (0.30,10.08)	1.70 (0.40,7.21)			0.14** (0.03,0.60)	
Transferable Residues	0.72 (0.06,8.28)	0.62 (0.08,4.83)			0.65 (0.09,4.88)	
Benzo[*k*]fluoranthene						
Outdoor Air	1.28 (0.93,1.76)	1.15 (0.90,1.46)	1.42 (0.96,2.12)	1.63 (0.99,2.69)	1.32 (0.97,1.79)	1.24 (0.75,2.05)
Soil	1.30 (0.55,3.08)	2.21* (1.15,4.26)	0.49 (0.17,1.42)	0.50 (0.13,1.90)	1.04 (0.46,2.35)	0.48 (0.12,1.85)
Dust (ng/g)	0.87 (0.50,1.49)	0.56** (0.37,0.86)	0.57 (0.29,1.10)	0.52 (0.23,1.20)	0.84 (0.50,1.43)	0.62 (0.27,1.44)
Dust (ng/m^2)	0.73 (0.36,1.48)	1.62 (0.93,2.80)	0.13** (0.05,0.30)	0.12** (0.04,0.36)	0.92 (0.46,1.83)	0.13** (0.04,0.40)
Hard Floor Surface Wipes	2.14 (0.42,10.88)	1.80 (0.47,6.82)			0.31 (0.08,1.15)	

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	**Low Income vs. Mid/High Income**	**Home vs. Day Care Environ-ments**	**Home Environment (for Home Children) vs. Day Care Environment**	**Home Environment (for Home Children) vs. Home Environment (for Day Care Children)**	**Home Environment (for Day Care Children) vs. Day Care Environment**
Transferable Residues	0.62 (0.10,3.82)	0.58 (0.12,2.68)			0.66 (0.15,2.95)	
Benzo[*ghi*]perylene						
Indoor Air	1.34 (0.90,2.01)	1.76** (1.29,2.40)	1.39 (0.84,2.30)	1.49 (0.79,2.81)	1.15 (0.78,1.70)	1.29 (0.68,2.45)
Outdoor Air	1.37 (0.88,2.15)	1.41 (1.00,1.98)	1.41 (0.81,2.46)	1.72 (0.86,3.47)	1.50 (0.97,2.30)	1.15 (0.57,2.33)
Soil	1.19 (0.49,2.89)	2.49** (1.27,4.90)	0.54 (0.18,1.63)	0.54 (0.14,2.16)	1.00 (0.43,2.31)	0.54 (0.13,2.18)
Dust (ng/g)	0.99 (0.60,1.65)	0.57** (0.38,0.84)	0.55 (0.29,1.02)	0.52 (0.24,1.14)	0.91 (0.55,1.49)	0.58 (0.26,1.27)
Dust (ng/m^2)	0.84 (0.42,1.69)	1.64 (0.95,2.82)	0.12** (0.05,0.29)	0.12** (0.04,0.36)	0.99 (0.50,1.96)	0.12** (0.04,0.37)
Hard Floor Surface Wipes	2.16 (0.46,10.20)	1.66 (0.47,5.93)			0.28* (0.08,0.97)	
Transferable Residues	0.79 (0.16,4.03)	0.62 (0.16,2.44)			1.33 (0.35,5.10)	
Benzo[*a*]pyrene						
Indoor Air	1.16 (0.78,1.72)	1.94** (1.43,2.62)	1.42 (0.86,2.34)	1.48 (0.79,2.76)	1.08 (0.74,1.58)	1.37 (0.73,2.57)
Outdoor Air	1.47* (1.01,2.15)	1.13 (0.84,1.50)	1.39 (0.87,2.21)	1.62 (0.90,2.90)	1.36 (0.95,1.94)	1.19 (0.66,2.15)
Soil	1.20 (0.48,3.01)	2.30* (1.14,4.63)	0.50 (0.16,1.58)	0.48 (0.11,2.02)	0.92 (0.38,2.19)	0.52 (0.12,2.22)
Dust (ng/g)	1.07 (0.63,1.82)	0.55** (0.37,0.84)	0.57 (0.30,1.09)	0.54 (0.24,1.21)	0.89 (0.53,1.49)	0.61 (0.27,1.38)
Dust (ng/m^2)	0.90 (0.45,1.79)	1.59 (0.93,2.72)	0.13** (0.06,0.30)	0.13** (0.04,0.36)	0.97 (0.50,1.89)	0.13** (0.04,0.38)
Hard Floor Surface Wipes	1.88 (0.33,10.75)	1.20 (0.29,5.02)			0.25 (0.06,1.03)	
Transferable Residues	1.27 (0.13,11.96)	0.46 (0.07,3.07)			0.53 (0.08,3.40)	
Benzo[*e*]pyrene						
Outdoor Air	1.26 (0.87,1.84)	1.21 (0.91,1.60)	1.45 (0.91,2.30)	1.71 (0.96,3.06)	1.40 (0.98,1.99)	1.22 (0.68,2.20)
Soil	1.15 (0.47,2.79)	2.49** (1.27,4.88)	0.55 (0.18,1.66)	0.53 (0.13,2.13)	0.93 (0.40,2.16)	0.57 (0.14,2.29)
Dust (ng/g)	0.94 (0.56,1.59)	0.60* (0.40,0.90)	0.55 (0.29,1.05)	0.51 (0.23,1.15)	0.87 (0.52,1.45)	0.59 (0.26,1.34)
Dust (ng/m^2)	0.79 (0.39,1.60)	1.72 (1.00,2.96)	0.12** (0.05,0.29)	0.12** (0.04,0.36)	0.95 (0.48,1.88)	0.13** (0.04,0.38)

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Hard Floor Surface Wipes	2.11 (0.40,11.03)	1.59 (0.41,6.18)			0.29 (0.08,1.12)	
Transferable Residues	1.22 (0.18,8.36)	0.54 (0.11,2.74)			0.56 (0.11,2.73)	
Benzylbutylphthalate						
Dust (ng/g)	0.82 (0.53,1.27)	1.76** (1.23,2.50)	0.48** (0.34,0.67)	0.49** (0.32,0.77)	1.06 (0.64,1.73)	0.47** (0.29,0.74)
Dust (ng/m^2)	0.58 (0.27,1.25)	4.75** (2.62,8.64)	0.10** (0.04,0.25)	0.10** (0.03,0.32)	1.01 (0.48,2.14)	0.10** (0.03,0.32)
Hard Floor Surface Wipes	2.86 (0.59,13.79)	1.50 (0.41,5.44)			0.72 (0.20,2.56)	
Food Preparation Surface Wipes	0.76 (0.14,4.08)	0.57 (0.14,2.34)			0.67 (0.17,2.70)	
Transferable Residues	8.94 (0.05,1626.9)	13.44 (0.19,941.47)			3.62 (0.07,175.15)	
Bisphenol-A						
Indoor Air	1.11 (0.69,1.78)	1.37 (0.96,1.97)	1.77 (0.98,3.19)	2.05 (0.98,4.27)	1.33 (0.85,2.09)	1.53 (0.73,3.22)
Hard Floor Surface Wipes	1.31 (0.28,5.99)	1.10 (0.31,3.82)			0.23* (0.07,0.81)	
Food Preparation Surface Wipes	0.68 (0.17,2.75)	1.08 (0.33,3.52)			1.28 (0.40,4.06)	
Transferable Residues	0.90 (0.29,2.83)	0.70 (0.27,1.83)			1.14 (0.44,2.92)	
Solid Food (Children)	0.96 (0.53,1.75)	0.86 (0.54,1.35)	1.30 (0.65,2.60)	1.15 (0.48,2.75)	0.78 (0.44,1.38)	1.47 (0.61,3.56)
Liquid Food (Children)	1.03 (0.50,2.09)	1.04 (0.60,1.79)	0.53 (0.24,1.14)	0.63 (0.24,1.68)	1.42 (0.71,2.85)	0.44 (0.16,1.19)
***alpha*-Chlordane**						
Indoor Air	0.68 (0.34,1.37)	1.53 (0.90,2.60)	1.35 (0.56,3.25)	1.32 (0.44,3.97)	0.96 (0.49,1.86)	1.38 (0.46,4.17)
Outdoor Air	1.25 (0.76,2.03)	1.36 (0.94,1.98)	0.44** (0.24,0.81)	0.42* (0.20,0.90)	0.89 (0.56,1.42)	0.47 (0.22,1.01)
Dust (ng/g)	0.77 (0.39,1.53)	0.72 (0.42,1.23)	0.42* (0.19,0.97)	0.49 (0.17,1.38)	1.33 (0.69,2.58)	0.37 (0.13,1.06)
Dust (ng/m^2)	0.64 (0.25,1.63)	2.13* (1.03,4.41)	0.09** (0.03,0.29)	0.11** (0.03,0.46)	1.40 (0.56,3.46)	0.08** (0.02,0.34)
Hard Floor Surface Wipes	1.40 (0.30,6.45)	1.38 (0.39,4.81)			0.93 (0.27,3.22)	
Food Preparation Surface Wipes	1.90 (0.32,11.20)	2.55 (0.57,11.32)			1.78 (0.41,7.68)	

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
***gamma*-Chlordane**						
Indoor Air	0.70 (0.34,1.44)	1.58 (0.90,2.75)	1.31 (0.52,3.29)	1.30 (0.41,4.15)	1.00 (0.50,2.00)	1.31 (0.41,4.19)
Outdoor Air	1.21 (0.70,2.10)	1.60* (1.05,2.43)	0.41* (0.21,0.80)	0.38* (0.16,0.88)	0.85 (0.50,1.44)	0.44 (0.19,1.04)
Dust (ng/g)	0.76 (0.38,1.54)	0.73 (0.42,1.26)	0.40* (0.17,0.95)	0.47 (0.16,1.37)	1.34 (0.68,2.66)	0.35 (0.12,1.04)
Dust (ng/m^2)	0.62 (0.24,1.61)	2.09 (0.99,4.40)	0.09** (0.03,0.28)	0.10** (0.02,0.44)	1.37 (0.54,3.47)	0.07** (0.02,0.33)
Hard Floor Surface Wipes	1.59 (0.30,8.27)	1.98 (0.51,7.66)			1.09 (0.29,4.14)	
Food Preparation Surface Wipes	2.42 (0.31,18.59)	3.29 (0.59,18.31)			2.16 (0.40,11.63)	
Chlorpyrifos						
Indoor Air	0.94 (0.50,1.77)	1.36 (0.84,2.21)	1.78 (0.81,3.92)	1.54 (0.57,4.15)	0.75 (0.41,1.38)	2.05 (0.76,5.57)
Outdoor Air	0.73 (0.41,1.31)	0.64* (0.41,1.00)	1.45 (0.70,3.00)	1.05 (0.42,2.62)	0.53* (0.30,0.92)	2.00 (0.80,5.00)
Dust (ng/g)	0.76 (0.41,1.42)	0.94 (0.58,1.53)	1.01 (0.46,2.22)	0.93 (0.35,2.50)	0.86 (0.47,1.56)	1.09 (0.40,2.96)
Dust (ng/m^2)	0.62 (0.25,1.52)	2.88** (1.43,5.80)	0.27* (0.09,0.84)	0.25 (0.06,1.06)	0.91 (0.38,2.16)	0.28 (0.07,1.19)
Hard Floor Surface Wipes	0.78 (0.16,3.75)	1.12 (0.31,4.06)			1.39 (0.39,4.95)	
Food Preparation Surface Wipes	0.85 (0.10,7.47)	4.28 (0.69,26.65)			1.11 (0.19,6.67)	
Transferable Residues	1.45 (0.19,10.80)	1.80 (0.33,9.77)			1.30 (0.25,6.83)	
Solid Food (Children)	1.20 (0.69,2.11)	1.37 (0.89,2.09)	1.39 (0.72,2.69)	1.54 (0.67,3.51)	1.21 (0.71,2.08)	1.26 (0.55,2.90)
Chrysene						
Indoor Air	1.34 (0.91,1.98)	1.76** (1.31,2.37)	1.28 (0.78,2.12)	1.46 (0.78,2.74)	1.30 (0.90,1.89)	1.13 (0.60,2.12)
Outdoor Air	1.49 (0.99,2.22)	1.09 (0.80,1.49)	1.21 (0.74,2.00)	1.33 (0.71,2.50)	1.21 (0.83,1.78)	1.10 (0.59,2.07)
Soil	1.21 (0.48,3.03)	2.53** (1.26,5.09)	0.49 (0.16,1.53)	0.48 (0.11,2.00)	0.95 (0.40,2.28)	0.50 (0.12,2.12)
Dust (ng/g)	0.96 (0.54,1.68)	0.59* (0.38,0.91)	0.55 (0.28,1.10)	0.49 (0.21,1.18)	0.81 (0.47,1.40)	0.61 (0.26,1.47)
Dust (ng/m^2)	0.81 (0.39,1.65)	1.69 (0.97,2.96)	0.12** (0.05,0.30)	0.12** (0.04,0.35)	0.88 (0.44,1.77)	0.13** (0.04,0.40)

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Hard Floor Surface Wipes	2.17 (0.40,11.59)	1.95 (0.49,7.70)			0.44 (0.11,1.69)	
Food Preparation Surface Wipes	0.99 (0.41,2.41)	1.42 (0.67,3.00)			1.22 (0.59,2.55)	
Transferable Residues	0.76 (0.09,6.83)	0.71 (0.11,4.51)			0.98 (0.16,6.01)	
Cyfluthrin						
Transferable Residues	0.87 (0.09,8.35)	1.60 (0.24,10.72)			1.77 (0.28,11.40)	
Diazinon						
Indoor Air	0.95 (0.43,2.11)	3.59** (1.95,6.61)	0.82 (0.30,2.24)	0.92 (0.26,3.23)	1.25 (0.58,2.68)	0.73 (0.21,2.61)
Outdoor Air	1.16 (0.69,1.94)	0.90 (0.61,1.34)	1.41 (0.74,2.69)	1.40 (0.62,3.13)	0.98 (0.60,1.60)	1.43 (0.63,3.21)
Dust (ng/g)	0.86 (0.40,1.85)	2.06* (1.14,3.72)	0.36* (0.14,0.96)	0.45 (0.13,1.53)	1.55 (0.74,3.23)	0.29 (0.09,1.00)
Dust (ng/m^2)	0.70 (0.27,1.81)	6.32** (3.02,13.23)	0.10** (0.03,0.33)	0.12** (0.03,0.57)	1.64 (0.66,4.11)	0.08** (0.02,0.35)
Hard Floor Surface Wipes	0.69 (0.08,6.28)	0.97 (0.16,5.88)			2.66 (0.45,15.85)	
Food Preparation Surface Wipes	1.06 (0.06,20.46)	1.98 (0.16,23.83)			1.17 (0.10,13.41)	
Transferable Residues	0.79 (0.03,22.00)	0.21 (0.01,3.51)			0.54 (0.03,8.45)	
Dibenzo[*a,h*]anthracene						
Soil	1.39 (0.66,2.90)	1.69 (0.96,2.96)	0.58 (0.23,1.45)	0.53 (0.17,1.69)	0.85 (0.42,1.71)	0.63 (0.20,2.00)
Dust (ng/g)	0.79 (0.46,1.36)	0.57** (0.37,0.87)	0.52* (0.27,1.00)	0.49 (0.21,1.12)	0.91 (0.54,1.53)	0.54 (0.23,1.25)
Dust (ng/m^2)	0.67 (0.32,1.37)	1.64 (0.94,2.87)	0.12** (0.05,0.28)	0.12** (0.04,0.35)	0.99 (0.49,2.00)	0.12** (0.04,0.36)
Di-*n*-butylphthalate						
Indoor Air	1.08 (0.80,1.44)	1.04 (0.83,1.30)	0.56** (0.39,0.80)	0.48** (0.30,0.75)	0.72* (0.54,0.95)	0.66 (0.42,1.04)
Dust (ng/g)	1.17 (0.82,1.66)	0.91 (0.69,1.21)	0.50** (0.34,0.73)	0.54** (0.34,0.85)	1.15 (0.80,1.64)	0.47** (0.29,0.75)
Dust (ng/m^2)	0.92 (0.47,1.79)	2.56** (1.52,4.32)	0.10** (0.05,0.23)	0.11** (0.04,0.30)	1.11 (0.58,2.14)	0.10** (0.04,0.27)
Hard Floor Surface Wipes	1.85 (0.72,4.78)	1.14 (0.52,2.48)			0.60 (0.28,1.29)	
Food Preparation Surface Wipes	0.52 (0.07,3.79)	1.89 (0.36,9.98)			0.83 (0.16,4.23)	

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	**Low Income vs. Mid/High Income**	**Home vs. Day Care Environ-ments**	**Home Environment (for Home Children) vs. Day Care Environment**	**Home Environment (for Home Children) vs. Home Environment (for Day Care Children)**	**Home Environment (for Day Care Children) vs. Day Care Environment**
Transferable Residues	5.93 (0.10,352.99)	2.34 (0.12,45.67)			3.06 (0.19,50.52)	
***p,p'*-DDE**						
Solid Food (Children)	1.12 (0.68,1.85)	1.20 (0.82,1.75)	0.94 (0.54,1.64)	1.05 (0.52,2.12)	1.25 (0.77,2.03)	0.84 (0.42,1.71)
2,4-D (2,4-dichlorophenoxyacetic acid)						
Dust (ng/g)	3.20** (1.52,6.74)	0.22** (0.13,0.39)	1.79 (0.76,4.25)	2.85 (0.97,8.41)	2.53** (1.24,5.17)	1.13 (0.37,3.40)
Dust (ng/m^2)	2.64* (1.15,6.07)	0.65 (0.34,1.23)	0.40 (0.15,1.05)	0.65 (0.19,2.20)	2.67* (1.20,5.93)	0.24* (0.07,0.84)
Solid Food (Children)	1.60* (1.07,2.41)	1.11 (0.82,1.52)	1.27 (0.87,1.86)	1.20 (0.74,1.95)	0.89 (0.59,1.35)	1.35 (0.83,2.18)
Solid Food (Adults)	1.37 (0.82,2.26)	1.19 (0.81,1.75)			1.05 (0.71,1.53)	
Heptachlor						
Indoor Air	0.82 (0.34,1.94)	1.38 (0.71,2.68)	0.73 (0.24,2.22)	0.68 (0.17,2.75)	0.87 (0.38,1.99)	0.78 (0.19,3.17)
Outdoor Air	0.99 (0.47,2.07)	1.26 (0.71,2.22)	0.54 (0.21,1.34)	0.52 (0.17,1.66)	0.96 (0.47,1.94)	0.55 (0.17,1.75)
Indeno[1,2,3-*cd*]pyrene						
Indoor Air	1.22 (0.84,1.78)	1.90** (1.42,2.54)	1.41 (0.87,2.27)	1.50 (0.82,2.74)	1.14 (0.79,1.63)	1.32 (0.72,2.41)
Outdoor Air	1.25 (0.84,1.88)	1.26 (0.92,1.71)	1.44 (0.87,2.37)	1.71 (0.91,3.20)	1.41 (0.96,2.07)	1.21 (0.65,2.28)
Soil	1.20 (0.48,2.98)	2.61** (1.31,5.22)	0.50 (0.16,1.54)	0.51 (0.12,2.11)	1.05 (0.44,2.49)	0.48 (0.12,2.02)
Dust (ng/g)	1.12 (0.67,1.86)	0.59** (0.40,0.88)	0.54 (0.29,1.01)	0.55 (0.25,1.19)	1.01 (0.62,1.66)	0.54 (0.25,1.19)
Dust (ng/m^2)	0.94 (0.47,1.89)	1.69 (0.98,2.92)	0.12** (0.05,0.29)	0.13** (0.04,0.38)	1.11 (0.56,2.19)	0.12** (0.04,0.34)
Hard Floor Surface Wipes	1.90 (0.38,9.58)	1.51 (0.40,5.67)			0.25* (0.07,0.91)	
Transferable Residues	1.20 (0.17,8.45)	0.52 (0.10,2.71)			0.55 (0.11,2.77)	
Pentachlorophenol						
Indoor Air	0.75 (0.43,1.33)	1.77* (1.14,2.73)	0.83 (0.41,1.65)	0.75 (0.31,1.78)	0.81 (0.47,1.41)	0.92 (0.38,2.20)
Outdoor Air	0.67 (0.42,1.07)	0.69* (0.48,0.98)	0.99 (0.55,1.77)	0.83 (0.40,1.72)	0.71 (0.45,1.11)	1.17 (0.56,2.45)
Dust (ng/g)	0.90 (0.47,1.74)	0.86 (0.52,1.44)	1.07 (0.48,2.37)	1.35 (0.50,3.65)	1.59 (0.84,2.99)	0.85 (0.31,2.34)

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Dust (ng/m^2)	0.75 (0.29,1.91)	2.56* (1.24,5.30)	0.24* (0.07,0.74)	0.30 (0.07,1.28)	1.67 (0.68,4.12)	0.18* (0.04,0.79)
***cis*-Permethrin**						
Indoor Air	1.00 (0.48,2.09)	4.17** (2.37,7.34)	2.07 (0.83,5.14)	1.95 (0.62,6.11)	0.89 (0.44,1.81)	2.19 (0.69,6.91)
Dust (ng/g)	1.09 (0.53,2.27)	1.07 (0.61,1.89)	0.82 (0.33,2.01)	0.87 (0.28,2.68)	1.14 (0.56,2.30)	0.76 (0.24,2.40)
Dust (ng/m^2)	0.90 (0.33,2.47)	3.19** (1.47,6.95)	0.18** (0.05,0.62)	0.20* (0.04,0.92)	1.20 (0.46,3.15)	0.16* (0.03,0.79)
Hard Floor Surface Wipes	0.38 (0.04,3.44)	1.39 (0.23,8.46)			1.57 (0.26,9.34)	
Food Preparation Surface Wipes	0.81 (0.02,42.25)	13.61 (0.49,381.09)			1.72 (0.07,45.10)	
Transferable Residues	0.15 (0.01,4.02)	1.27 (0.08,19.64)			2.79 (0.19,40.91)	
***trans*-Permethrin**						
Indoor Air	1.04 (0.51,2.14)	3.85** (2.22,6.68)	1.88 (0.78,4.52)	1.80 (0.60,5.43)	0.93 (0.46,1.85)	1.95 (0.64,5.91)
Dust (ng/g)	1.04 (0.48,2.26)	0.97 (0.53,1.77)	0.73 (0.28,1.90)	0.80 (0.24,2.66)	1.22 (0.58,2.58)	0.66 (0.19,2.22)
Dust (ng/m^2)	0.86 (0.30,2.45)	2.89* (1.28,6.49)	0.16** (0.04,0.58)	0.18* (0.04,0.91)	1.28 (0.47,3.52)	0.14* (0.03,0.73)
Hard Floor Surface Wipes	0.38 (0.04,4.02)	1.41 (0.20,9.75)			1.86 (0.27,12.59)	
Food Preparation Surface Wipes	1.17 (0.02,69.94)	13.15 (0.42,412.15)			1.95 (0.07,57.09)	
Transferable Residues	0.17 (0.01,5.11)	1.33 (0.08,22.83)			2.93 (0.18,47.31)	
PCB 52						
Indoor Air	0.82 (0.49,1.36)	0.84 (0.57,1.24)	0.74 (0.40,1.37)	0.77 (0.36,1.66)	1.07 (0.66,1.75)	0.72 (0.33,1.56)
Outdoor Air	1.11 (0.75,1.64)	0.87 (0.65,1.18)	0.71 (0.44,1.16)	0.56 (0.31,1.04)	0.63* (0.43,0.92)	0.90 (0.48,1.65)
PCB 95						
Indoor Air	0.93 (0.60,1.45)	1.11 (0.79,1.57)	1.00 (0.59,1.69)	1.02 (0.53,1.98)	1.05 (0.68,1.62)	0.97 (0.50,1.89)
PCB 101						
Indoor Air	0.79 (0.49,1.27)	1.02 (0.71,1.48)	0.87 (0.49,1.56)	0.98 (0.47,2.03)	1.26 (0.79,2.00)	0.78 (0.37,1.62)

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Table K-1. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)						
Indoor Air	1.07 (0.58,1.99)	1.03 (0.65,1.66)	1.96 (0.90,4.31)	1.59 (0.60,4.25)	0.66 (0.36,1.18)	2.42 (0.90,6.51)
Outdoor Air	0.85 (0.54,1.33)	0.65* (0.46,0.92)	1.84* (1.06,3.21)	1.72 (0.86,3.45)	0.87 (0.57,1.33)	1.97 (0.98,3.97)
Soil	0.75 (0.39,1.44)	1.09 (0.67,1.80)	2.29* (1.02,5.15)	1.87 (0.68,5.18)	0.67 (0.36,1.24)	2.80* (1.00,7.78)
Dust (ng/g)	0.75 (0.40,1.40)	1.15 (0.71,1.88)	1.92 (0.91,4.06)	1.99 (0.78,5.09)	1.08 (0.58,1.99)	1.85 (0.71,4.80)
Dust (ng/m^2)	0.62 (0.23,1.66)	3.40** (1.58,7.33)	0.42 (0.12,1.40)	0.44 (0.10,2.02)	1.13 (0.44,2.95)	0.39 (0.08,1.82)
Solid Food (Children)	0.94 (0.62,1.42)	0.48** (0.35,0.66)	0.75 (0.47,1.21)	0.80 (0.44,1.45)	1.12 (0.76,1.67)	0.71 (0.39,1.30)
Solid Food (Adults)	1.04 (0.64,1.69)	0.72 (0.49,1.04)			0.97 (0.67,1.40)	

* Significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Significantly different from 1 at the 0.01 level.

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Table K-2. Estimated Ratio Between Selected Strata of Geometric Mean Pollutant Levels in OH Multimedia Samples, and 95% Confidence Intervals on This Ratio, for Pollutants Detected in At Least 50% of Samples

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Atrazine						
Drinking Water	1.21 (0.56,2.60)	0.88 (0.50,1.53)	0.57 (0.27,1.20)	0.52 (0.21,1.32)	0.83 (0.43,1.63)	0.63 (0.24,1.65)
Benz[*a*]anthracene						
Soil	0.84 (0.23,3.08)	1.94 (0.77,4.92)	0.98 (0.28,3.44)	0.86 (0.18,4.15)	0.77 (0.25,2.38)	1.11 (0.22,5.73)
Dust (ng/g)	3.97** (2.06,7.64)	0.58* (0.36,0.95)	0.45* (0.24,0.86)	0.36** (0.16,0.81)	0.64 (0.36,1.15)	0.56 (0.24,1.31)
Dust (ng/m^2)	3.19** (1.40,7.26)	0.94 (0.51,1.74)	0.17** (0.07,0.37)	0.11** (0.04,0.31)	0.47* (0.23,0.97)	0.24** (0.08,0.69)
Hard Floor Surface Wipes		1.10 (0.47,2.56)	2.00 (0.55,7.19)	1.33 (0.27,6.53)	0.44 (0.14,1.40)	3.00 (0.53,16.90)
Transferable Residues		0.84 (0.11,6.34)			0.62 (0.08,4.68)	
Benzo[*b*]fluoranthene						
Soil	0.79 (0.21,2.96)	1.86 (0.72,4.80)	0.84 (0.23,3.00)	0.78 (0.16,3.85)	0.87 (0.28,2.72)	0.90 (0.17,4.75)
Dust (ng/g)	3.63** (1.94,6.80)	0.57* (0.36,0.91)	0.44** (0.24,0.81)	0.37** (0.17,0.80)	0.70 (0.40,1.23)	0.52 (0.23,1.17)
Dust (ng/m^2)	2.92** (1.31,6.49)	0.92 (0.51,1.68)	0.16** (0.07,0.35)	0.11** (0.04,0.31)	0.51 (0.25,1.05)	0.22** (0.08,0.63)
Hard Floor Surface Wipes		1.17 (0.45,3.07)	0.93 (0.21,4.19)	0.66 (0.11,4.08)	0.50 (0.13,1.93)	1.32 (0.18,9.50)
Transferable Residues		0.50 (0.04,6.82)			0.39 (0.03,5.32)	
Benzo[*k*]fluoranthene						
Soil	0.80 (0.25,2.60)	2.17 (0.94,5.03)	0.86 (0.28,2.67)	0.77 (0.19,3.17)	0.79 (0.29,2.19)	0.97 (0.22,4.24)
Dust (ng/g)	3.35** (1.77,6.31)	0.58* (0.36,0.93)	0.43** (0.23,0.79)	0.36** (0.17,0.79)	0.73 (0.41,1.28)	0.50 (0.22,1.13)
Dust (ng/m^2)	2.70* (1.24,5.90)	0.94 (0.52,1.68)	0.16** (0.07,0.34)	0.11** (0.04,0.30)	0.53 (0.26,1.06)	0.22** (0.08,0.59)
Hard Floor Surface Wipes		1.00 (0.38,2.64)	1.30 (0.30,5.58)	0.88 (0.15,5.33)	0.46 (0.12,1.72)	1.93 (0.27,13.64)
Transferable Residues		0.62 (0.07,5.50)			0.57 (0.06,5.13)	
Benzo[*ghi*]perylene						
Soil	0.79 (0.22,2.81)	2.10 (0.85,5.19)	0.94 (0.28,3.18)	0.88 (0.19,4.05)	0.87 (0.29,2.60)	1.01 (0.20,4.95)

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Dust (ng/g)	3.28** (1.76,6.14)	0.56* (0.35,0.89)	0.43** (0.23,0.79)	0.36** (0.17,0.78)	0.71 (0.41,1.24)	0.50 (0.22,1.13)
Dust (ng/m^2)	2.64* (1.18,5.88)	0.91 (0.50,1.65)	0.16** (0.07,0.34)	0.11** (0.04,0.30)	0.52 (0.25,1.06)	0.22** (0.08,0.61)
Hard Floor Surface Wipes		0.96 (0.36,2.55)	1.21 (0.28,5.32)	0.78 (0.12,4.91)	0.42 (0.11,1.57)	1.88 (0.25,13.86)
Transferable Residues		0.24 (0.03,2.10)			0.30 (0.03,2.62)	
Benzo[*a*]pyrene						
Soil	0.76 (0.20,2.86)	1.94 (0.76,4.99)	0.98 (0.28,3.51)	0.87 (0.18,4.30)	0.79 (0.25,2.46)	1.11 (0.21,5.85)
Dust (ng/g)	3.57** (1.85,6.88)	0.55* (0.34,0.90)	0.49* (0.26,0.93)	0.40* (0.18,0.90)	0.68 (0.38,1.22)	0.59 (0.25,1.37)
Dust (ng/m^2)	2.87* (1.28,6.46)	0.89 (0.49,1.63)	0.18** (0.08,0.39)	0.13** (0.05,0.34)	0.50 (0.24,1.02)	0.25** (0.09,0.72)
Hard Floor Surface Wipes		1.05 (0.38,2.90)	1.74 (0.38,7.98)	1.10 (0.17,7.25)	0.40 (0.10,1.61)	2.75 (0.36,21.22)
Transferable Residues		1.62 (0.15,17.52)			0.74 (0.07,7.95)	
Benzo[*e*]pyrene						
Soil	0.80 (0.23,2.77)	2.00 (0.82,4.87)	0.94 (0.28,3.12)	0.87 (0.19,3.91)	0.86 (0.29,2.51)	1.01 (0.21,4.86)
Dust (ng/g)	3.40** (1.83,6.33)	0.57* (0.36,0.90)	0.45* (0.24,0.82)	0.38** (0.17,0.81)	0.72 (0.41,1.25)	0.53 (0.24,1.17)
Dust (ng/m^2)	2.73* (1.24,6.04)	0.92 (0.51,1.66)	0.16** (0.07,0.36)	0.12** (0.04,0.31)	0.52 (0.26,1.06)	0.23** (0.08,0.63)
Hard Floor Surface Wipes		1.04 (0.39,2.73)	1.10 (0.26,4.75)	0.75 (0.12,4.54)	0.46 (0.12,1.74)	1.62 (0.23,11.51)
Transferable Residues		0.85 (0.09,8.29)			0.55 (0.06,5.32)	
Benzylbutylphthalate						
Dust (ng/g)	0.73 (0.41,1.30)	1.50 (0.98,2.30)	0.41** (0.23,0.71)	0.38** (0.19,0.76)	0.86 (0.52,1.43)	0.44* (0.21,0.91)
Dust (ng/m^2)	0.56 (0.25,1.28)	2.52** (1.37,4.63)	0.14** (0.06,0.32)	0.11** (0.04,0.30)	0.59 (0.29,1.23)	0.19** (0.07,0.53)
Hard Floor Surface Wipes		3.52 (0.53,23.30)	0.06 (0.00,1.09)	0.03 (0.00,1.09)	0.27 (0.02,3.77)	0.11 (0.00,5.42)
Food Preparation Surface Wipes		0.67 (0.16,2.85)			0.37 (0.09,1.57)	
Transferable Residues		0.90 (0.41,2.00)			0.53 (0.24,1.17)	

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Bisphenol-A						
Indoor Air	1.03 (0.67,1.58)	1.29 (0.95,1.76)	1.26 (0.83,1.91)	1.02 (0.61,1.71)	0.65* (0.45,0.95)	1.56 (0.91,2.69)
Dust (ng/g)	1.18 (0.83,1.68)	0.89 (0.69,1.17)	0.98 (0.70,1.38)	1.13 (0.74,1.74)	1.33 (0.97,1.83)	0.85 (0.54,1.33)
Dust (ng/m^2)	0.86 (0.48,1.53)	1.47 (0.95,2.26)	0.33** (0.19,0.59)	0.32** (0.15,0.65)	0.91 (0.54,1.53)	0.35** (0.17,0.73)
Hard Floor Surface Wipes		2.53 (0.71,8.97)	2.80 (0.41,18.99)	1.45 (0.13,15.57)	0.27 (0.05,1.49)	5.44 (0.41,71.90)
Food Preparation Surface Wipes		1.53 (0.06,37.26)			0.13 (0.01,3.16)	
Transferable Residues		10.40 (0.02,4435.5)			1.62 (0.00,1758.9)	
Solid Food (Children)	1.15 (0.72,1.86)	1.20 (0.85,1.69)	1.09 (0.70,1.67)	1.02 (0.59,1.75)	0.88 (0.58,1.34)	1.16 (0.65,2.05)
Liquid Food (Children)	1.45 (0.55,3.79)	0.94 (0.49,1.82)	0.67 (0.32,1.40)	0.65 (0.25,1.68)	0.96 (0.42,2.19)	0.68 (0.25,1.84)
***alpha*-Chlordane**						
Indoor Air	0.91 (0.46,1.77)	1.32 (0.82,2.14)	1.82 (0.96,3.48)	2.00 (0.89,4.49)	1.21 (0.67,2.16)	1.66 (0.71,3.87)
Outdoor Air	1.34 (0.84,2.12)	0.95 (0.68,1.32)	1.63* (1.05,2.54)	1.74 (1.00,3.04)	1.14 (0.77,1.70)	1.53 (0.86,2.73)
Soil	1.07 (0.38,3.05)	2.12* (1.00,4.47)	2.80* (1.02,7.67)	3.30 (0.93,11.66)	1.39 (0.56,3.42)	2.37 (0.64,8.87)
Dust (ng/g)	1.37 (0.69,2.73)	1.24 (0.74,2.06)	1.12 (0.57,2.22)	1.30 (0.56,3.06)	1.35 (0.74,2.49)	0.96 (0.40,2.35)
Dust (ng/m^2)	1.10 (0.42,2.91)	2.00 (0.97,4.14)	0.41 (0.16,1.07)	0.41 (0.12,1.35)	0.98 (0.41,2.34)	0.41 (0.12,1.45)
***gamma*-Chlordane**						
Indoor Air	0.93 (0.46,1.87)	1.30 (0.78,2.15)	1.82 (0.92,3.59)	1.99 (0.85,4.66)	1.20 (0.65,2.21)	1.66 (0.68,4.04)
Outdoor Air	1.35 (0.84,2.16)	0.97 (0.69,1.36)	1.62* (1.02,2.55)	1.76 (0.99,3.11)	1.18 (0.79,1.78)	1.49 (0.82,2.70)
Soil	1.06 (0.38,2.95)	2.00 (0.96,4.14)	2.55 (0.95,6.81)	2.96 (0.86,10.13)	1.35 (0.56,3.25)	2.19 (0.61,7.92)
Dust (ng/g)	1.28 (0.63,2.60)	1.28 (0.75,2.17)	1.06 (0.52,2.13)	1.23 (0.51,2.98)	1.36 (0.73,2.56)	0.90 (0.36,2.27)
Dust (ng/m^2)	1.03 (0.38,2.75)	2.07 (0.99,4.33)	0.39 (0.15,1.02)	0.38 (0.11,1.30)	0.99 (0.41,2.39)	0.39 (0.11,1.39)
Chlorpyrifos						
Indoor Air	1.64 (0.80,3.37)	1.63 (0.97,2.74)	0.76 (0.38,1.52)	0.75 (0.31,1.79)	0.98 (0.52,1.84)	0.76 (0.31,1.90)

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Outdoor Air	1.57 (0.92,2.68)	0.97 (0.64,1.48)	1.74* (1.01,3.00)	1.91 (0.96,3.79)	1.20 (0.72,1.99)	1.59 (0.78,3.25)
Dust (ng/g)	1.52 (0.67,3.44)	2.09* (1.14,3.86)	0.37* (0.17,0.84)	0.36* (0.13,0.99)	0.92 (0.45,1.91)	0.39 (0.13,1.12)
Dust (ng/m^2)	1.22 (0.45,3.32)	3.39** (1.61,7.15)	0.14** (0.05,0.37)	0.11** (0.03,0.38)	0.67 (0.28,1.64)	0.17** (0.05,0.60)
Food Preparation Surface Wipes		7.51 (0.13,443.21)			0.40 (0.01,23.68)	
Transferable Residues		18.35 (0.36,924.03)			0.17 (0.00,8.50)	
Solid Food (Children)	1.28 (0.75,2.19)	2.06** (1.39,3.04)	1.17 (0.74,1.85)	1.32 (0.75,2.34)	1.28 (0.78,2.08)	1.04 (0.56,1.91)
Chrysene						
Soil	0.92 (0.26,3.17)	1.79 (0.74,4.34)	0.89 (0.27,2.94)	0.79 (0.18,3.53)	0.79 (0.27,2.31)	1.00 (0.21,4.76)
Dust (ng/g)	3.71** (1.96,7.04)	0.56* (0.35,0.90)	0.43** (0.23,0.82)	0.37** (0.17,0.80)	0.71 (0.40,1.25)	0.52 (0.23,1.18)
Dust (ng/m^2)	2.99** (1.34,6.69)	0.91 (0.50,1.66)	0.16** (0.07,0.35)	0.11** (0.04,0.31)	0.51 (0.25,1.05)	0.22** (0.08,0.62)
Transferable Residues		0.83 (0.08,8.64)			0.57 (0.06,5.99)	
Cyfluthrin						
Dust (ng/g)	2.33* (1.14,4.77)	1.31 (0.76,2.26)	0.62 (0.31,1.22)	0.73 (0.31,1.70)	1.40 (0.73,2.67)	0.52 (0.21,1.28)
Dust (ng/m^2)	1.96 (0.73,5.27)	2.12* (1.01,4.45)	0.23** (0.09,0.60)	0.23* (0.07,0.77)	1.02 (0.42,2.46)	0.23* (0.06,0.80)
Diazinon						
Indoor Air	1.04 (0.44,2.49)	1.67 (0.89,3.12)	0.78 (0.34,1.80)	0.66 (0.23,1.88)	0.72 (0.34,1.53)	0.92 (0.31,2.74)
Outdoor Air	2.70** (1.54,4.73)	0.60* (0.40,0.89)	1.68 (0.97,2.88)	1.83 (0.93,3.61)	1.19 (0.74,1.94)	1.53 (0.76,3.11)
Dust (ng/g)	1.79 (0.67,4.78)	1.39 (0.67,2.88)	0.46 (0.18,1.21)	0.40 (0.12,1.33)	0.75 (0.31,1.79)	0.54 (0.15,1.89)
Dust (ng/m^2)	1.45 (0.52,4.02)	2.24* (1.04,4.82)	0.17** (0.06,0.46)	0.13** (0.04,0.44)	0.54 (0.22,1.35)	0.23* (0.06,0.86)
Transferable Residues		3.32 (0.44,24.99)			1.92 (0.26,14.44)	
Dibenzo[*a,h*]anthracene						
Soil	0.80 (0.26,2.51)	2.09 (0.93,4.72)	1.14 (0.38,3.41)	1.08 (0.27,4.26)	0.90 (0.34,2.40)	1.20 (0.29,5.03)
Dust (ng/g)	3.66** (1.94,6.89)	0.58* (0.36,0.93)	0.42** (0.22,0.78)	0.34** (0.16,0.75)	0.69 (0.39,1.21)	0.50 (0.22,1.13)

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Dust (ng/m^2)	2.94* (1.30,6.66)	0.94 (0.51,1.74)	0.15** (0.07,0.34)	0.11** (0.04,0.29)	0.50 (0.24,1.04)	0.22** (0.08,0.62)
Di-*n*-butylphthalate						
Indoor Air	0.76 (0.49,1.18)	0.99 (0.72,1.35)	0.56** (0.37,0.86)	0.56* (0.33,0.95)	0.99 (0.68,1.45)	0.56* (0.32,0.99)
Soil	0.70 (0.29,1.64)	0.90 (0.48,1.67)	1.55 (0.67,3.55)	2.78 (0.98,7.85)	3.23** (1.53,6.83)	0.86 (0.29,2.55)
Dust (ng/g)	1.44 (0.99,2.12)	1.09 (0.82,1.44)	0.38** (0.26,0.56)	0.41** (0.25,0.65)	1.13 (0.81,1.59)	0.36** (0.22,0.59)
Dust (ng/m^2)	1.16 (0.58,2.33)	1.76* (1.05,2.96)	0.14** (0.07,0.28)	0.13** (0.05,0.30)	0.82 (0.44,1.53)	0.15** (0.06,0.38)
Hard Floor Surface Wipes		1.34 (0.35,5.09)	0.16 (0.02,1.19)	0.17 (0.01,2.04)	1.10 (0.18,6.77)	0.15 (0.01,2.30)
Food Preparation Surface Wipes		0.55 (0.16,1.83)			0.58 (0.17,1.96)	
Transferable Residues		1.47 (0.63,3.44)			0.86 (0.37,2.01)	
***p,p'*-DDE**						
Solid Food (Children)	1.23 (0.76,1.97)	0.94 (0.66,1.33)	1.45 (0.96,2.18)	1.26 (0.75,2.11)	0.76 (0.49,1.17)	1.66 (0.95,2.88)
2,4-D (2,4-dichlorophenoxyacetic acid)						
Dust (ng/g)	2.38* (1.03,5.48)	0.24** (0.13,0.45)	1.02 (0.46,2.28)	0.99 (0.36,2.71)	0.94 (0.46,1.94)	1.05 (0.37,3.00)
Dust (ng/m^2)	1.79 (0.67,4.80)	0.39* (0.19,0.81)	0.38* (0.15,0.97)	0.31 (0.10,1.03)	0.70 (0.30,1.64)	0.45 (0.13,1.56)
Indeno[1,2,3-*cd*]pyrene						
Soil	0.84 (0.23,3.06)	1.97 (0.78,4.98)	0.92 (0.26,3.20)	0.85 (0.18,4.07)	0.86 (0.28,2.64)	0.99 (0.19,5.04)
Dust (ng/g)	3.43** (1.79,6.54)	0.56* (0.35,0.91)	0.41** (0.22,0.78)	0.35** (0.16,0.78)	0.72 (0.40,1.28)	0.49 (0.21,1.12)
Dust (ng/m^2)	2.75* (1.22,6.22)	0.91 (0.50,1.68)	0.15** (0.07,0.34)	0.11** (0.04,0.30)	0.52 (0.25,1.08)	0.21** (0.07,0.59)
Hard Floor Surface Wipes		0.92 (0.34,2.47)	1.24 (0.28,5.53)	0.82 (0.13,5.26)	0.44 (0.11,1.68)	1.88 (0.25,14.08)
Transferable Residues		0.24 (0.03,1.91)			0.49 (0.06,3.86)	
IMP (2-isopropyl-6-methyl-4-pyrimidinol)						
Indoor Air	1.25 (0.68,2.31)	1.66* (1.07,2.58)	0.95 (0.53,1.71)	0.91 (0.44,1.91)	0.92 (0.54,1.57)	0.99 (0.46,2.14)
Outdoor Air	3.87** (2.00,7.48)	0.48** (0.30,0.76)	1.15 (0.61,2.18)	1.32 (0.59,2.91)	1.30 (0.75,2.26)	1.01 (0.44,2.31)

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Dust (ng/g)	0.91 (0.39,2.15)	1.19 (0.63,2.26)	1.05 (0.46,2.43)	0.86 (0.30,2.43)	0.66 (0.31,1.41)	1.30 (0.43,3.88)
Dust (ng/m^2)	0.74 (0.29,1.88)	1.93 (0.96,3.89)	0.39* (0.16,0.98)	0.27* (0.09,0.86)	0.48 (0.21,1.10)	0.57 (0.17,1.88)
Solid Food (Children)	1.44 (0.88,2.37)	0.86 (0.60,1.23)	1.30 (0.85,1.99)	1.38 (0.81,2.35)	1.13 (0.72,1.76)	1.23 (0.70,2.16)
Solid Food (Adults)	1.13 (0.56,2.27)	0.67 (0.42,1.06)			0.90 (0.58,1.39)	
Pentachlorophenol						
Indoor Air	0.59 (0.27,1.31)	0.93 (0.52,1.66)	2.16* (1.01,4.65)	3.02* (1.16,7.87)	1.95 (0.97,3.91)	1.55 (0.57,4.22)
Outdoor Air	1.67 (0.73,3.82)	0.67 (0.37,1.23)	1.46 (0.64,3.33)	1.80 (0.64,5.05)	1.51 (0.74,3.10)	1.19 (0.41,3.45)
Dust (ng/g)	0.89 (0.49,1.60)	1.11 (0.72,1.71)	1.20 (0.69,2.10)	1.21 (0.60,2.45)	1.02 (0.61,1.71)	1.19 (0.57,2.46)
Dust (ng/m^2)	0.67 (0.26,1.76)	1.79 (0.89,3.60)	0.44 (0.17,1.09)	0.38 (0.12,1.20)	0.76 (0.33,1.74)	0.50 (0.15,1.67)
***cis*-Permethrin**						
Dust (ng/g)	0.62 (0.29,1.31)	1.36 (0.78,2.39)	0.55 (0.26,1.14)	0.52 (0.21,1.32)	0.91 (0.47,1.78)	0.57 (0.22,1.50)
Dust (ng/m^2)	0.50 (0.18,1.40)	2.21* (1.02,4.76)	0.20** (0.07,0.55)	0.16** (0.05,0.57)	0.66 (0.27,1.66)	0.25* (0.07,0.92)
Hard Floor Surface Wipes		3.46 (0.27,43.85)	8.06 (0.14,463.8)	5.03 (0.04,656.05)	0.39 (0.01,13.96)	12.92 (0.07,2565.9)
Transferable Residues		7.19 (0.11,474.66)			0.26 (0.00,17.14)	
***trans*-Permethrin**						
Dust (ng/g)	0.66 (0.29,1.51)	1.40 (0.76,2.61)	0.55 (0.24,1.25)	0.54 (0.19,1.50)	0.94 (0.45,1.97)	0.57 (0.20,1.66)
Dust (ng/m^2)	0.51 (0.18,1.49)	2.22 (1.00,4.93)	0.19** (0.07,0.54)	0.16** (0.04,0.58)	0.68 (0.26,1.76)	0.23* (0.06,0.91)
Hard Floor Surface Wipes		3.78 (0.29,49.88)	8.98 (0.13,628.5)	5.82 (0.04,896.71)	0.42 (0.01,16.55)	13.86 (0.06,3300.1)
Transferable Residues		6.27 (0.14,274.20)			0.20 (0.00,8.85)	
PCB 52						
Indoor Air	0.74 (0.37,1.45)	0.90 (0.55,1.45)	0.74 (0.39,1.42)	0.64 (0.29,1.43)	0.75 (0.42,1.35)	0.85 (0.37,1.98)
Outdoor Air	1.30 (0.75,2.24)	0.84 (0.56,1.25)	0.82 (0.48,1.41)	0.81 (0.41,1.59)	0.98 (0.61,1.57)	0.83 (0.41,1.68)
Dust (ng/g)	1.03 (0.58,1.81)	0.98 (0.64,1.51)	0.66 (0.38,1.14)	0.73 (0.37,1.45)	1.22 (0.73,2.04)	0.60 (0.29,1.23)

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Table K-2. (cont.)

Medium	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environ-ments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Dust (ng/m^2)	0.84 (0.40,1.75)	1.59 (0.92,2.76)	0.24** (0.12,0.49)	0.23** (0.09,0.55)	0.89 (0.46,1.71)	0.26** (0.10,0.65)
Transferable Residues		2.85 (0.26,30.75)			1.42 (0.13,15.29)	
PCB 95						
Indoor Air	0.82 (0.40,1.65)	0.91 (0.57,1.44)	1.03 (0.56,1.89)	0.98 (0.48,1.99)	0.90 (0.50,1.63)	1.09 (0.51,2.34)
PCB 101						
Indoor Air	0.68 (0.35,1.31)	0.77 (0.48,1.25)	1.07 (0.67,1.71)	0.90 (0.51,1.61)	0.71 (0.39,1.30)	1.27 (0.65,2.45)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)						
Indoor Air	1.28 (0.70,2.33)	1.72* (1.11,2.66)	0.79 (0.44,1.42)	0.83 (0.40,1.71)	1.09 (0.64,1.86)	0.75 (0.35,1.63)
Outdoor Air	1.22 (0.78,1.92)	0.90 (0.66,1.23)	1.35 (0.89,2.06)	1.45 (0.86,2.46)	1.15 (0.79,1.67)	1.26 (0.73,2.18)
Soil	2.80** (1.32,5.96)	0.90 (0.52,1.54)	1.27 (0.61,2.62)	1.17 (0.47,2.91)	0.86 (0.45,1.64)	1.37 (0.53,3.54)
Dust (ng/g)	1.84 (0.92,3.67)	1.45 (0.87,2.43)	0.78 (0.40,1.54)	0.74 (0.31,1.72)	0.88 (0.48,1.64)	0.83 (0.34,2.02)
Dust (ng/m^2)	1.48 (0.57,3.84)	2.35* (1.15,4.79)	0.29** (0.11,0.73)	0.23* (0.07,0.75)	0.64 (0.28,1.50)	0.36 (0.10,1.22)
Hard Floor Surface Wipes	2.72 (0.05,151.89)	2.67 (0.33,21.31)	2.52 (0.19,33.93)	1.90 (0.07,50.12)	0.57 (0.02,15.35)	3.34 (0.06,178.39)
Solid Food (Children)	1.05 (0.62,1.79)	1.16 (0.79,1.70)	0.98 (0.62,1.55)	1.19 (0.67,2.12)	1.48 (0.93,2.38)	0.80 (0.44,1.48)
Solid Food (Adults)	1.14 (0.62,2.09)	1.10 (0.72,1.69)			1.87** (1.24,2.82)	

* Significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Significantly different from 1 at the 0.01 level.

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Table K-3. Results of Statistical Analyses to Investigate the Significance of Environment, Urbanicity, and Income Status on Analyte Levels in Selected NC Multimedia Samples[a]

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Benz[*a*]anthracene							
Outdoor Air	0.032*	0.754	0.121				
Soil	0.573	0.009**	0.448				
Dust (ng/g)	0.770	0.005**	0.129				
Dust (ng/m^2)	0.469	0.101	<0.001**	<0.001**	<0.001**	0.995	<0.001**
Hard Floor Surface Wipes	0.374	0.807	0.042*			0.042*	
Transferable Residues	0.085	0.412	0.380				
Benzo[*b*]fluoranthene							
Indoor Air	0.110	<0.001**	0.816				
Outdoor Air	0.126	0.470	0.226				
Soil	0.637	0.015*	0.543				
Dust (ng/g)	0.746	0.009**	0.110				
Dust (ng/m^2)	0.467	0.080	<0.001**	<0.001**	<0.001**	0.853	<0.001**
Hard Floor Surface Wipes	0.528	0.455	0.010*			0.010*	
Transferable Residues	0.775	0.622	0.652				
Benzo[*k*]fluoranthene							
Outdoor Air	0.133	0.274	0.023*	0.081	0.054	0.085	0.566
Soil	0.546	0.018*	0.416				
Dust (ng/g)	0.602	0.008**	0.178				
Dust (ng/m^2)	0.380	0.085	<0.001**	<0.001**	<0.001**	0.958	<0.001**
Hard Floor Surface Wipes	0.345	0.372	0.077				
Transferable Residues	0.578	0.456	0.557				
Benzo[*ghi*]perylene							
Indoor Air	0.153	<0.001**	0.303				
Outdoor Air	0.164	0.052	0.042*	0.227	0.160	0.070	0.883
Soil	0.700	0.008**	0.547				
Dust (ng/g)	0.980	0.005**	0.146				
Dust (ng/m^2)	0.616	0.076	<0.001**	<0.001**	<0.001**	1.000	<0.001**
Hard Floor Surface Wipes	0.316	0.416	0.045*			0.045*	
Transferable Residues	0.764	0.467	0.653				

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Table K-3. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Benzo[*a*]pyrene							
Indoor Air	0.454	<0.001**	0.340				
Outdoor Air	0.043*	0.417	0.051				
Soil	0.697	0.020*	0.477				
Dust (ng/g)	0.805	0.005**	0.198				
Dust (ng/m^2)	0.760	0.088	<0.001**	<0.001**	<0.001**	0.994	<0.001**
Hard Floor Surface Wipes	0.461	0.790	0.055				
Transferable Residues	0.824	0.399	0.480				
Benzo[*e*]pyrene							
Outdoor Air	0.217	0.198	0.026*	0.117	0.078	0.072	0.690
Soil	0.755	0.008**	0.558				
Dust (ng/g)	0.820	0.013*	0.151				
Dust (ng/m^2)	0.515	0.051	<0.001**	<0.001**	<0.001**	0.984	<0.001**
Hard Floor Surface Wipes	0.363	0.486	0.072				
Transferable Residues	0.829	0.431	0.443				
Benzylbutylphthalate							
Dust (ng/g)	0.349	0.003**	<0.001**	<0.001**	0.001**	0.960	0.001**
Dust (ng/m^2)	0.164	<0.001**	<0.001**	<0.001**	<0.001**	0.999	<0.001**
Hard Floor Surface Wipes	0.181	0.522	0.595				
Food Preparation Surface Wipes	0.726	0.404	0.551				
Transferable Residues	0.307	0.165	0.409				
Bisphenol-A							
Indoor Air	0.653	0.084	0.052				
Hard Floor Surface Wipes	0.721	0.880	0.023*			0.023*	
Food Preparation Surface Wipes	0.562	0.890	0.655				
Transferable Residues	0.851	0.440	0.770				
Solid Food (Children)	0.892	0.510	0.447				
Liquid Food (Children)	0.942	0.885	0.131				
***alpha*-Chlordane**							
Indoor Air	0.282	0.117	0.785				
Outdoor Air	0.373	0.105	0.027*	0.009**	0.021*	0.830	0.054
Dust (ng/g)	0.451	0.226	0.081				

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Table K-3. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Dust (ng/m^2)	0.345	0.041*	<0.001**	<0.001**	0.001**	0.655	<0.001**
Hard Floor Surface Wipes	0.655	0.604	0.908				
Food Preparation Surface Wipes	0.449	0.200	0.410				
***gamma*-Chlordane**							
Indoor Air	0.328	0.110	0.849				
Outdoor Air	0.497	0.030*	0.028*	0.010*	0.021*	0.753	0.065
Dust (ng/g)	0.444	0.251	0.073				
Dust (ng/m^2)	0.323	0.053	<0.001**	<0.001**	0.001**	0.695	<0.001**
Hard Floor Surface Wipes	0.568	0.306	0.898				
Food Preparation Surface Wipes	0.370	0.160	0.343				
Chlorpyrifos							
Indoor Air	0.848	0.213	0.196				
Outdoor Air	0.288	0.048*	0.017*	0.310	0.990	0.020*	0.174
Dust (ng/g)	0.384	0.805	0.828				
Dust (ng/m^2)	0.289	0.003**	0.074				
Hard Floor Surface Wipes	0.745	0.859	0.603				
Food Preparation Surface Wipes	0.875	0.110	0.901				
Transferable Residues	0.700	0.469	0.738				
Solid Food (Children)	0.516	0.147	0.416				
Chrysene							
Indoor Air	0.139	<0.001**	0.154				
Outdoor Air	0.053	0.572	0.369				
Soil	0.684	0.009**	0.463				
Dust (ng/g)	0.877	0.018*	0.149				
Dust (ng/m^2)	0.552	0.063	<0.001**	<0.001**	<0.001**	0.906	<0.001**
Hard Floor Surface Wipes	0.351	0.326	0.218				
Food Preparation Surface Wipes	0.981	0.334	0.567				
Transferable Residues	0.794	0.700	0.986				
Cyfluthrin							
Transferable Residues	0.899	0.603	0.521				
Diazinon							

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Table K-3. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Indoor Air	0.901	<0.001**	0.734				
Outdoor Air	0.580	0.613	0.568				
Dust (ng/g)	0.698	0.017*	0.051				
Dust (ng/m^2)	0.460	<0.001**	0.001**	<0.001**	0.004**	0.405	<0.001**
Hard Floor Surface Wipes	0.735	0.971	0.269				
Food Preparation Surface Wipes	0.965	0.566	0.892				
Transferable Residues	0.881	0.256	0.641				
Dibenzo[*a,h*]anthracene							
Soil	0.381	0.066	0.430				
Dust (ng/g)	0.394	0.009**	0.128				
Dust (ng/m^2)	0.267	0.083	<0.001**	<0.001**	<0.001**	1.000	<0.001**
Di-*n*-butylphthalate							
Indoor Air	0.624	0.744	<0.001**	0.002**	<0.001**	0.017*	0.084
Dust (ng/g)	0.381	0.519	0.001**	0.001**	0.006**	0.617	0.001**
Dust (ng/m^2)	0.803	0.001**	<0.001**	<0.001**	<0.001**	0.922	<0.001**
Hard Floor Surface Wipes	0.194	0.730	0.180				
Food Preparation Surface Wipes	0.494	0.428	0.805				
Transferable Residues	0.259	0.431	0.293				
***p,p'*-DDE**							
Solid Food (Children)	0.655	0.352	0.543				
2,4-D (2,4-dichlorophenoxyacetic acid)							
Dust (ng/g)	0.002**	<0.001**	0.004**	0.182	0.059	0.007**	0.964
Dust (ng/m^2)	0.023*	0.181	0.004**	0.063	0.677	0.011*	0.022*
Solid Food (Children)	0.024*	0.493	0.340				
Solid Food (Adults)	0.224	0.366	0.817				
Heptachlor							
Indoor Air	0.642	0.333	0.793				
Outdoor Air	0.975	0.424	0.403				
Indeno[1,2,3-*cd*]pyrene							
Indoor Air	0.300	<0.001**	0.263				
Outdoor Air	0.267	0.144	0.040*	0.152	0.111	0.092	0.748
Soil	0.694	0.007**	0.473				

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Table K-3. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Dust (ng/g)	0.663	0.009**	0.154				
Dust (ng/m^2)	0.862	0.058	<0.001**	<0.001**	<0.001**	0.931	<0.001**
Hard Floor Surface Wipes	0.420	0.528	0.037*			0.037*	
Transferable Residues	0.846	0.411	0.445				
Pentachlorophenol							
Indoor Air	0.324	0.011*	0.578				
Outdoor Air	0.097	0.041*	0.190				
Dust (ng/g)	0.759	0.569	0.224				
Dust (ng/m^2)	0.538	0.011*	0.022*	0.014*	0.126	0.374	0.018*
***cis*-Permethrin**							
Indoor Air	0.998	<0.001**	0.270				
Dust (ng/g)	0.807	0.805	0.826				
Dust (ng/m^2)	0.843	0.004**	0.024*	0.007**	0.036*	0.896	0.019*
Hard Floor Surface Wipes	0.374	0.707	0.606				
Food Preparation Surface Wipes	0.909	0.115	0.726				
Transferable Residues	0.239	0.856	0.426				
***trans*-Permethrin**							
Indoor Air	0.909	<0.001**	0.356				
Dust (ng/g)	0.923	0.917	0.667				
Dust (ng/m^2)	0.774	0.011*	0.019*	0.006**	0.035*	0.826	0.015*
Hard Floor Surface Wipes	0.405	0.718	0.511				
Food Preparation Surface Wipes	0.936	0.131	0.677				
Transferable Residues	0.286	0.831	0.422				
PCB 52							
Indoor Air	0.439	0.377	0.596				
Outdoor Air	0.609	0.372	0.006**	0.167	0.071	0.011*	0.904
PCB 95							
Indoor Air	0.741	0.534	0.963				
PCB 101							
Indoor Air	0.329	0.897	0.455				
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Indoor Air	0.820	0.891	0.061				

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Table K-3. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Outdoor Air	0.472	0.015*	0.075				
Soil	0.381	0.718	0.045*	0.046*	0.313	0.278	0.049*
Dust (ng/g)	0.361	0.568	0.214				
Dust (ng/m^2)	0.336	0.002**	0.348				
Solid Food (Children)	0.768	<0.001**	0.390				
Solid Food (Adults)	0.881	0.076	0.853				

[a] For a given analyte, the media listed in this table represent those media for which statistical analysis was performed (i.e., having at least 50% detected results).
[b] In the last four columns of this table, significance levels are specified only when the environment effect was significant at the 0.05 level (column 4 of this table). These significance levels in these last three rows are adjusted based upon Tukey's studentized range approach to controlling the overall Type I error rate (i.e., incorrectly declaring at least one pair of environments significantly different).

* Implies statistical significance at the 0.05 level, but not at the 0.01 level.
** Implies statistical significance at the 0.01 level.

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Table K-4. Results of Statistical Analyses to Investigate the Significance of Environment, Urbanicity, and Income Status on Analyte Levels in Selected OH Multimedia Samples[a]

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Atrazine							
Drinking Water (ng/mL)	0.629	0.639	0.253				
Benz[*a*]anthracene							
Soil	0.790	0.161	0.862				
Dust (ng/g)	<0.001**	0.029*	0.009**	0.016*	0.009**	0.177	0.239
Dust (ng/m^2)	0.006**	0.839	<0.001**	<0.001**	<0.001**	0.041*	0.005**
Hard Floor Surface Wipes		0.817	0.157				
Transferable Residues		0.842	0.592				
Benzo[*b*]fluoranthene							
Soil	0.721	0.195	0.917				
Dust (ng/g)	<0.001**	0.019*	0.009**	0.009**	0.007**	0.300	0.139
Dust (ng/m^2)	0.009**	0.788	<0.001**	<0.001**	<0.001**	0.071	0.002**
Hard Floor Surface Wipes		0.730	0.411				
Transferable Residues		0.548	0.421				
Benzo[*k*]fluoranthene							
Soil	0.713	0.069	0.829				
Dust (ng/g)	<0.001**	0.024*	0.010*	0.008**	0.007**	0.379	0.112
Dust (ng/m^2)	0.013*	0.824	<0.001**	<0.001**	<0.001**	0.082	0.001**
Hard Floor Surface Wipes		0.995	0.330				
Transferable Residues		0.617	0.568				
Benzo[*ghi*]perylene							
Soil	0.717	0.106	0.951				
Dust (ng/g)	<0.001**	0.016*	0.008**	0.007**	0.006**	0.324	0.112
Dust (ng/m^2)	0.018*	0.753	<0.001**	<0.001**	<0.001**	0.079	0.002**
Hard Floor Surface Wipes		0.924	0.264				
Transferable Residues		0.165	0.231				
Benzo[*a*]pyrene							
Soil	0.686	0.166	0.881				
Dust (ng/g)	<0.001**	0.017*	0.023*	0.029*	0.023*	0.265	0.302
Dust (ng/m^2)	0.011*	0.705	<0.001**	<0.001**	<0.001**	0.058	0.006**
Hard Floor Surface Wipes		0.914	0.231				

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Table K-4. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[(b)] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Transferable Residues		0.647	0.769				
Benzo[*e*]pyrene							
Soil	0.721	0.125	0.938				
Dust (ng/g)	<0.001**	0.017*	0.011*	0.010*	0.009**	0.331	0.142
Dust (ng/m^2)	0.014*	0.778	<0.001**	<0.001**	<0.001**	0.078	0.002**
Hard Floor Surface Wipes		0.937	0.344				
Transferable Residues		0.874	0.551				
Benzylbutylphthalate							
Dust (ng/g)	0.284	0.062	0.006**	0.002**	0.004**	0.761	0.024*
Dust (ng/m^2)	0.167	0.003**	<0.001**	<0.001**	<0.001**	0.209	0.001**
Hard Floor Surface Wipes		0.177	0.059				
Food Preparation Surface Wipes		0.533	0.148				
Transferable Residues		0.762	0.099				
Solid Food (Children)	0.226	0.349	0.290				
Bisphenol-A							
Indoor Air	0.903	0.107	0.019*	0.267	0.996	0.021*	0.128
Dust (ng/g)	0.356	0.407	0.106				
Dust (ng/m^2)	0.610	0.081	0.001**	<0.001**	0.001**	0.904	0.003**
Hard Floor Surface Wipes		0.141	0.126				
Food Preparation Surface Wipes		0.763	0.174				
Transferable Residues		0.128	0.543				
Solid Food (Children)	0.555	0.294	0.723				
Liquid Food (Children)	0.448	0.859	0.533				
***alpha*-Chlordane**							
Indoor Air	0.772	0.255	0.128				
Outdoor Air	0.216	0.754	0.064				
Soil	0.897	0.049*	0.083				
Dust (ng/g)	0.364	0.415	0.462				
Dust (ng/m^2)	0.847	0.061	0.185				
***gamma*-Chlordane**							
Indoor Air	0.830	0.315	0.158				
Outdoor Air	0.214	0.847	0.066				

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Table K-4. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[(b)] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Soil	0.906	0.062	0.115				
Dust (ng/g)	0.494	0.359	0.493				
Dust (ng/m^2)	0.960	0.053	0.157				
Chlorpyrifos							
Indoor Air	0.179	0.065	0.724				
Outdoor Air	0.099	0.896	0.086				
Dust (ng/g)	0.316	0.018*	0.054				
Dust (ng/m^2)	0.695	0.002**	<0.001**	<0.001**	<0.001**	0.542	0.004**
Food Preparation Surface Wipes		0.281	0.613				
Transferable Residues		0.123	0.319				
Solid Food (Children)	0.361	<0.001**	0.348				
Chrysene							
Soil	0.889	0.198	0.852				
Dust (ng/g)	<0.001**	0.018*	0.010*	0.010*	0.008**	0.323	0.142
Dust (ng/m^2)	0.008**	0.748	<0.001**	<0.001**	<0.001**	0.076	0.002**
Transferable Residues		0.855	0.594				
Cyfluthrin							
Dust (ng/g)	0.021*	0.320	0.202				
Dust (ng/m^2)	0.182	0.047*	0.012*	0.003**	0.013*	0.999	0.017*
Diazinon							
Indoor Air	0.921	0.107	0.468				
Outdoor Air	0.001**	0.012*	0.107				
Dust (ng/g)	0.239	0.378	0.193				
Dust (ng/m^2)	0.478	0.038*	0.001**	0.001**	<0.001**	0.255	0.025*
Transferable Residues		0.202	0.469				
Dibenzo[*a,h*]anthracene							
Soil	0.704	0.076	0.946				
Dust (ng/g)	<0.001**	0.025*	0.005**	0.006**	0.004**	0.257	0.115
Dust (ng/m^2)	0.010*	0.847	<0.001**	<0.001**	<0.001**	0.066	0.002**
Di-*n*-butylphthalate							
Indoor Air	0.215	0.927	0.029*	0.008**	0.029*	0.998	0.043*
Soil	0.405	0.733	0.001**	0.300	0.055	0.001**	0.943
Dust (ng/g)	0.059	0.565	<0.001**	<0.001**	<0.001**	0.664	<0.001**

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Table K-4. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Dust (ng/m^2)	0.669	0.033*	<0.001**	<0.001**	<0.001**	0.736	<0.001**
Hard Floor Surface Wipes		0.648	0.184				
Food Preparation Surface Wipes		0.275	0.328				
Transferable Residues		0.318	0.688				
***p,p'*-DDE**							
Solid Food (Children)	0.400	0.722	0.085				
2,4-D (2,4-dichlorophenoxyacetic acid)							
Dust (ng/g)	0.042*	<0.001**	0.980				
Dust (ng/m^2)	0.247	0.011*	0.069				
Indeno[1,2,3-*cd*]pyrene							
Soil	0.788	0.148	0.941				
Dust (ng/g)	<0.001**	0.021*	0.008**	0.007**	0.006**	0.360	0.104
Dust (ng/m^2)	0.015*	0.772	<0.001**	<0.001**	<0.001**	0.089	0.002**
Hard Floor Surface Wipes		0.861	0.309				
Transferable Residues		0.149	0.444				
IMP (2-isopropyl-6-methyl-4-pyrimidinol)							
Indoor Air	0.469	0.025*	0.923				
Outdoor Air	<0.001**	0.002**	0.466				
Dust (ng/g)	0.835	0.585	0.430				
Dust (ng/m^2)	0.522	0.063	0.012*	0.045*	0.022*	0.094	0.499
Solid Food (Children)	0.146	0.401	0.352				
Solid Food (Adults)	0.724	0.085	0.620				
***cis*-Permethrin**							
Dust (ng/g)	0.209	0.276	0.248				
Dust (ng/m^2)	0.185	0.044*	0.004**	0.002**	0.002**	0.540	0.034*
Hard Floor Surface Wipes		0.315	0.456				
Transferable Residues		0.302	0.472				
***trans*-Permethrin**							
Dust (ng/g)	0.322	0.279	0.347				
Dust (ng/m^2)	0.216	0.051	0.005**	0.002**	0.003**	0.602	0.033*
Hard Floor Surface Wipes		0.290	0.458				
Transferable Residues		0.288	0.351				

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Table K-4. (cont.)

Medium	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environ-ment Effect	Test for Significant Difference Between Home and Day Care Environ-ments	Home Environ-ment (for Home Children) and Day Care Environ-ment (for Day Care Children)	Home Environ-ment (for Home Children) and Home Environ-ment (for Day Care Children)	Home Environ-ment (for Day Care Children) and Day Care Environ-ment
Pentachlorophenol							
Indoor Air	0.193	0.808	0.009**	0.048*	0.019*	0.062	0.555
Outdoor Air	0.222	0.193	0.242				
Dust (ng/g)	0.695	0.627	0.801				
Dust (ng/m^2)	0.414	0.100	0.137				
PCB 52							
Indoor Air	0.370	0.661	0.304				
Outdoor Air	0.344	0.384	0.761				
Dust (ng/g)	0.930	0.940	0.235				
Dust (ng/m^2)	0.640	0.099	<0.001**	<0.001**	<0.001**	0.904	0.002**
Transferable Residues		0.323	0.732				
PCB 95							
Indoor Air	0.565	0.680	0.907				
PCB 101							
Indoor Air	0.241	0.289	0.398				
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Indoor Air	0.424	0.016*	0.686				
Outdoor Air	0.375	0.510	0.226				
Soil	0.008**	0.693	0.711				
Dust (ng/g)	0.084	0.156	0.677				
Dust (ng/m^2)	0.418	0.019*	0.014*	0.010*	0.010*	0.436	0.119
Hard Floor Surface Wipes	0.564	0.291	0.664				
Solid Food (Children)	0.844	0.448	0.141				
Solid Food (Adults)	0.680	0.660	0.003**			0.003**	

[a] For a given analyte, the media listed in this table represent those media for which statistical analysis was performed (i.e., having at least 50% detected results). In columns 2 through 4 of this table, cells are blank when insufficient data are available for the given pollutant and sample medium to allow the statistical test specified in the column heading to be performed.
[b] In the last four columns of this table, significance levels are specified only when the environment effect was significant at the 0.05 level (column 4 of this table). These significance levels in these last three rows are adjusted based upon Tukey's studentized range approach to controlling the overall Type I error rate (i.e., incorrectly declaring at least one pair of environments significantly different).

* Implies statistical significance at the 0.05 level, but not at the 0.01 level.
** Implies statistical significance at the 0.01 level.

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Table K-5. Estimated Ratio Between Selected Strata of Geometric Mean Pollutant Levels in NC Dermal Wipe Samples, and 95% Confidence Intervals on This Ratio, for Pollutants Detected in At Least 50% of Samples

Type of Dermal Wipe Sample	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
***alpha*-Chlordane**						
Children	0.69 (0.42,1.13)	1.08 (0.73,1.60)	1.14 (0.83,1.59)	1.02 (0.61,1.71)	0.80 (0.48,1.33)	1.28 (0.84,1.96)
Adults	0.73 (0.39,1.37)	0.94 (0.57,1.54)			0.87 (0.52,1.45)	
***gamma*-Chlordane**						
Children	0.68 (0.36,1.28)	1.22 (0.75,1.99)	1.10 (0.77,1.56)	0.98 (0.52,1.83)	0.79 (0.42,1.49)	1.23 (0.81,1.88)
Adults	0.80 (0.39,1.63)	1.00 (0.57,1.74)			0.90 (0.50,1.59)	
Chlorpyrifos						
Children	0.97 (0.44,2.18)	1.54 (0.88,2.71)	1.75* (1.12,2.72)	1.59 (0.64,3.93)	0.83 (0.34,2.06)	1.91** (1.27,2.89)
Adults	1.47 (0.66,3.26)	1.91* (1.02,3.57)			0.87 (0.46,1.66)	
Diazinon						
Adults	1.26 (0.57,2.78)	1.59 (0.86,2.96)			0.81 (0.43,1.52)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)						
Children	1.16 (0.83,1.63)	1.22 (0.95,1.57)	1.88** (1.43,2.47)	1.99** (1.40,2.84)	1.12 (0.79,1.60)	1.77** (1.20,2.60)
Adults	0.73 (0.50,1.07)	1.47* (1.10,1.98)			0.83 (0.61,1.13)	
Benzylbutylphthalate						
Children	0.78 (0.42,1.45)	1.64* (1.04,2.58)	1.41 (0.95,2.09)	1.32 (0.67,2.58)	0.87 (0.44,1.71)	1.51 (0.93,2.45)
Adults	1.23 (0.69,2.18)	1.43 (0.91,2.25)			1.47 (0.92,2.34)	
Di-*n*-butylphthalate						
Children	1.34 (0.68,2.64)	0.76 (0.49,1.17)	0.83 (0.49,1.38)	0.57 (0.27,1.20)	0.48 (0.23,1.00)	1.20 (0.59,2.44)
Adults	2.44 (1.00,5.98)	0.91 (0.45,1.85)			0.46* (0.22,0.95)	
Bisphenol-A						
Children	0.94 (0.46,1.91)	0.82 (0.48,1.40)	0.33** (0.19,0.58)	0.39* (0.19,0.82)	1.40 (0.66,2.97)	0.28** (0.12,0.63)
Adults	2.61** (1.29,5.28)	0.85 (0.49,1.49)			1.56 (0.88,2.75)	
***cis*-Permethrin**						
Children	0.58 (0.21,1.63)	2.00 (0.90,4.42)	1.39 (0.77,2.51)	0.91 (0.33,2.56)	0.43 (0.15,1.23)	2.10* (1.01,4.40)
Adults	0.59 (0.18,1.97)	1.47 (0.57,3.78)			0.51 (0.20,1.36)	
***trans*-Permethrin**						
Children	0.52 (0.20,1.38)	2.03 (0.95,4.35)	1.45 (0.83,2.54)	1.17 (0.44,3.12)	0.65 (0.24,1.74)	1.80 (0.93,3.49)
Adults	0.45 (0.13,1.47)	1.74 (0.68,4.45)			0.66 (0.25,1.74)	

* Significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Significantly different from 1 at the 0.01 level.

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Table K-6. Estimated Ratio Between Selected Strata of Geometric Mean Pollutant Levels in OH Dermal Wipe Samples, and 95% Confidence Intervals on This Ratio, for Pollutants Detected in At Least 50% of Samples

Type of Dermal Wipe Sample	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
Benz[*a*]anthracene						
Children	1.92 (0.92,4.00)	0.78 (0.50,1.22)	1.13 (0.71,1.79)	0.97 (0.47,2.00)	0.73 (0.35,1.52)	1.32 (0.72,2.40)
Adults	1.45 (0.91,2.32)	0.83 (0.59,1.17)			0.85 (0.60,1.21)	
Benzo[*b*]fluoranthene						
Children	2.33 (0.99,5.50)	0.70 (0.42,1.17)	1.17 (0.66,2.05)	1.08 (0.46,2.51)	0.85 (0.37,1.99)	1.26 (0.59,2.70)
Adults	1.69 (0.87,3.27)	0.70 (0.43,1.15)			1.02 (0.62,1.70)	
Benzo[*k*]fluoranthene						
Children	1.75 (0.85,3.63)	0.72 (0.45,1.14)	1.22 (0.77,1.93)	1.00 (0.49,2.06)	0.68 (0.33,1.39)	1.48 (0.81,2.69)
Adults	1.39 (0.82,2.36)	0.85 (0.58,1.26)			1.00 (0.67,1.50)	
Benzo[*ghi*]perylene						
Children	1.94 (0.86,4.37)	0.75 (0.46,1.22)	1.37 (0.82,2.28)	1.10 (0.49,2.47)	0.65 (0.29,1.46)	1.70 (0.87,3.30)
Adults	1.60 (0.95,2.70)	0.70 (0.48,1.04)			0.97 (0.65,1.44)	
Benzo[*a*]pyrene						
Children	1.85 (0.82,4.18)	0.65 (0.40,1.07)	1.10 (0.66,1.83)	0.94 (0.42,2.12)	0.74 (0.33,1.66)	1.28 (0.66,2.47)
Adults	1.47 (0.86,2.53)	0.81 (0.54,1.21)			0.99 (0.65,1.49)	
Benzo[*e*]pyrene						
Children	1.90 (0.87,4.13)	0.82 (0.52,1.30)	1.30 (0.81,2.09)	1.19 (0.55,2.58)	0.84 (0.39,1.82)	1.42 (0.77,2.61)
Adults	1.56 (0.88,2.78)	0.83 (0.55,1.28)			1.17 (0.75,1.81)	
Bisphenol-A						
Children	1.11 (0.54,2.28)	1.13 (0.67,1.88)	2.90** (1.74,4.85)	3.15** (1.57,6.34)	1.18 (0.59,2.37)	2.67** (1.30,5.49)
Adults	1.40 (0.72,2.75)	1.31 (0.80,2.16)			1.04 (0.62,1.75)	
Chlorpyrifos						
Children	1.03 (0.40,2.63)	2.53** (1.29,4.96)	1.29 (0.73,2.27)	1.18 (0.49,2.85)	0.84 (0.35,2.02)	1.41 (0.68,2.95)
Adults	1.79 (0.72,4.48)	4.08** (2.07,8.04)			0.82 (0.41,1.65)	
Chrysene						
Children	1.69 (0.75,3.79)	0.71 (0.43,1.16)	1.10 (0.67,1.83)	0.89 (0.40,1.98)	0.65 (0.29,1.45)	1.36 (0.71,2.63)
Adults	1.81* (1.05,3.12)	0.79 (0.53,1.19)			0.87 (0.57,1.32)	
2,4-D (2,4-dichlorophenoxyacetic acid)						
Adults	1.63 (0.94,2.80)	1.31 (0.87,1.97)			2.25** (1.49,3.39)	
Indeno[1,2,3-*cd*]pyrene						
Children	2.00 (0.88,4.53)	0.78 (0.48,1.26)	1.24 (0.75,2.06)	1.02 (0.45,2.30)	0.68 (0.30,1.53)	1.50 (0.78,2.89)
Adults	1.51 (0.88,2.60)	0.75 (0.50,1.12)			0.87 (0.57,1.32)	
Pentachlorophenol						
Adults	0.88 (0.50,1.55)	1.25 (0.81,1.90)			0.80 (0.52,1.22)	

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Table K-6. (cont.)

Type of Dermal Wipe Sample	Estimated Ratio of Geometric Means (95% CI)					
	Urban vs. Rural	Low Income vs. Mid/High Income	Home vs. Day Care Environments	Home Environment (for Home Children) vs. Day Care Environment	Home Environment (for Home Children) vs. Home Environment (for Day Care Children)	Home Environment (for Day Care Children) vs. Day Care Environment
***cis*-Permethrin**						
Children	0.60 (0.20,1.78)	1.45 (0.68,3.08)	1.11 (0.63,1.97)	0.92 (0.32,2.69)	0.69 (0.24,2.01)	1.34 (0.72,2.50)
Adults	0.36 (0.12,1.11)	1.30 (0.57,2.96)			0.58 (0.25,1.37)	
***trans*-Permethrin**						
Children	0.51 (0.17,1.52)	1.26 (0.59,2.70)	1.11 (0.63,1.93)	0.81 (0.28,2.36)	0.54 (0.18,1.56)	1.51 (0.84,2.72)
Adults	0.39 (0.13,1.19)	1.33 (0.59,2.99)			0.57 (0.24,1.31)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)						
Children	0.86 (0.56,1.31)	1.28 (0.93,1.75)	1.25 (0.95,1.65)	1.45 (0.97,2.18)	1.35 (0.90,2.02)	1.08 (0.74,1.56)
Adults	1.12 (0.72,1.75)	1.28 (0.91,1.79)			1.11 (0.80,1.56)	

* Significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Significantly different from 1 at the 0.01 level.

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Table K-7. Results of Statistical Analyses to Investigate the Significance of Environment, Urbanicity, and Income Status on NC Dermal Wipe Loading Data[a]

Type of Dermal Wipe Sample	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environment Effect	Test for Significant Difference Between Home and Day Care Environments	Home Environment (for Home Children) and Day Care Environment (for Day Care Children)	Home Environment (for Home Children) and Home Environment (for Day Care Children)	Home Environment (for Day Care Children) and Day Care Environment
Benzylbutylphthalate							
Children	0.424	0.032*	0.127				
Adults	0.487	0.121	0.107				
Bisphenol-A							
Children	0.862	0.459	0.001**	<0.001**	0.010*	0.519	0.001**
Adults	0.008**	0.574	0.127				
***alpha*-Chlordane**							
Children	0.136	0.686	0.334				
Adults	0.325	0.792	0.595				
***gamma*-Chlordane**							
Children	0.226	0.419	0.437				
Adults	0.534	0.992	0.703				
Chlorpyrifos							
Children	0.948	0.130	0.002**	0.014*	0.434	0.877	0.001**
Adults	0.344	0.044*	0.674				
Diazinon							
Adults	0.559	0.139	0.502				
Di-*n*-butylphthalate							
Children	0.384	0.207	0.057				
Adults	0.051	0.803	0.036*			0.036*	
***cis*-Permethrin**							
Children	0.289	0.087	0.038*	0.274	0.975	0.135	0.047*
Adults	0.392	0.417	0.177				
***trans*-Permethrin**							
Children	0.187	0.069	0.105				
Adults	0.183	0.246	0.399				
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Children	0.368	0.115	<0.001**	<0.001**	<0.001**	0.705	0.002**
Adults	0.108	0.010*	0.230				

[a] For a given analyte, the media listed in this table represent those media for which statistical analysis was performed (i.e., having at least 50% detected results).
[b] In the last four columns of this table, significance levels are specified only when the environment effect was significant at the 0.05 level (column 4 of this table). These significance levels in these last three rows are adjusted based upon Tukey's studentized range approach to controlling the overall Type I error rate (i.e., incorrectly declaring at least one pair of environments significantly different).
* Implies statistical significance at the 0.05 level, but not at the 0.01 level.
** Implies statistical significance at the 0.01 level.

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Table K-8. Results of Statistical Analyses to Investigate the Significance of Environment, Urbanicity, and Income Status on OH Dermal Wipe Loading Data[(a)]

Type of Dermal Wipe Sample	Significance Levels Associated with ...				Results of Comparisons Between[(b)] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environment Effect	Test for Significant Difference Between Home and Day Care Environments	Home Environment (for Home Children) and Day Care Environment (for Day Care Children)	Home Environment (for Home Children) and Home Environment (for Day Care Children)	Home Environment (for Day Care Children) and Day Care Environment
Benz[*a*]anthracene							
Children	0.082	0.275	0.455				
Adults	0.115	0.275	0.370				
Benzo[*b*]fluoranthene							
Children	0.053	0.166	0.755				
Adults	0.121	0.158	0.930				
Benzo[*k*]fluoranthene							
Children	0.129	0.152	0.237				
Adults	0.217	0.422	0.993				
Benzo[*ghi*]perylene							
Children	0.108	0.231	0.153				
Adults	0.076	0.075	0.875				
Benzo[*a*]pyrene							
Children	0.139	0.089	0.565				
Adults	0.160	0.292	0.948				
Benzo[*e*]pyrene							
Children	0.104	0.388	0.396				
Adults	0.128	0.401	0.490				
Bisphenol-A							
Children	0.774	0.644	<0.001**	<0.001**	0.001**	0.836	0.005**
Adults	0.319	0.279	0.867				
Chlorpyrifos							
Children	0.948	0.008**	0.539				
Adults	0.210	<0.001**	0.577				
Chrysene							
Children	0.199	0.169	0.360				
Adults	0.033*	0.254	0.508				
2,4-D (2,4-dichlorophenoxyacetic acid)							
Adults	0.079	0.199	<0.001**			<0.001**	
Indeno[1,2,3-*cd*]pyrene							
Children	0.095	0.298	0.283				
Adults	0.135	0.159	0.503				
Pentachlorophenol							
Adults	0.663	0.308	0.295				

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Table K-8. (cont.)

Type of Dermal Wipe Sample	Significance Levels Associated with ...				Results of Comparisons Between[b] ...		
	Test for Significant Urbanicity Effect	Test for Significant Income Status Effect	Test for Significant Environment Effect	Test for Significant Difference Between Home and Day Care Environments	Home Environment (for Home Children) and Day Care Environment (for Day Care Children)	Home Environment (for Home Children) and Home Environment (for Day Care Children)	Home Environment (for Day Care Children) and Day Care Environment
***cis*-Permethrin**							
Children	0.354	0.330	0.465				
Adults	0.075	0.536	0.211				
***trans*-Permethrin**							
Children	0.223	0.544	0.159				
Adults	0.097	0.490	0.181				
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Children	0.469	0.125	0.083				
Adults	0.617	0.150	0.527				

[a] For a given analyte, the media listed in this table represent those media for which statistical analysis was performed (i.e., having at least 50% detected results).
[b] In the last four columns of this table, significance levels are specified only when the environment effect was significant at the 0.05 level (column 4 of this table). These significance levels in these last three rows are adjusted based upon Tukey's studentized range approach to controlling the overall Type I error rate (i.e., incorrectly declaring at least one pair of environments significantly different).

* Implies statistical significance at the 0.05 level, but not at the 0.01 level.
** Implies statistical significance at the 0.01 level.

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Appendix L

Descriptive Statistics of Potential Exposure Level and Potential Absorbed Dose Estimates for Target Pollutants in Participating NC Children

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This appendix contains tables of descriptive statistics of potential exposure and potential absorbed dose estimates (expressed in both ng and pmole units) in NC children for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers for Potential Exposure Summaries	Table Numbers for Potential Absorbed Dose Summaries
Benz[*a*]anthracene	Tables L-1a, L-1b	Tables L-1c, L-1d
Benzo[*b*]fluoranthene	Tables L-2a, L-2b	Tables L-2c, L-2d
Benzo[*k*]fluoranthene	Tables L-3a, L-3b	Tables L-3c, L-3d
Benzo[*ghi*]perylene	Tables L-4a, L-4b	Tables L-4c, L-4d
Benzo[*a*]pyrene	Tables L-5a, L-5b	Tables L-5c, L-5d
Benzo[*e*]pyrene	Tables L-6a, L-6b	Tables L-6c, L-6d
Benzylbutylphthalate	Tables L-7a, L-7b	Tables L-7c, L-7d
Bisphenol-A	Tables L-8a, L-8b	Tables L-8c, L-8d
alpha-Chlordane	Tables L-9a, L-9b	Tables L-9c, L-9d
gamma-Chlordane	Tables L-10a, L-10b	Tables L-10c, L-10d
Chlorpyrifos	Tables L-11a, L-11b	Tables L-11c, L-11d
Chrysene	Tables L-12a, L-12b	Tables L-12c, L-12d
Cyfluthrin	Tables L-13a, L-13b	Tables L-13c, L-13d
Diazinon	Tables L-14a, L-14b	Tables L-14c, L-14d
Dibenzo[*a,h*]anthracene	Tables L-15a, L-15b	Tables L-15c, L-15d
Di-*n*-butylphthalate	Tables L-16a, L-16b	Tables L-16c, L-16d
p,p'-DDE	Tables L-17a, L-17b	Tables L-17c, L-17d
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables L-18a, L-18b	Tables L-18c, L-18d
Heptachlor	Tables L-19a, L-19b	Tables L-19c, L-19d
Indeno[1,2,3-*cd*]pyrene	Tables L-20a, L-20b	Tables L-20c, L-20d
Pentachlorophenol	Tables L-21a, L-21b	Tables L-21c, L-21d
cis-Permethrin	Tables L-22a, L-22b	Tables L-22c, L-22d
trans-Permethrin	Tables L-23a, L-23b	Tables L-23c, L-24d
PCB 52	Tables L-24a, L-24b	Tables L-24c, L-24d
PCB 95	Tables L-25a, L-25b	Tables L-25c, L-25d
PCB 101	Tables L-26a, L-26b	Tables L-26c, L-26d
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables L-27a, L-27b	Tables L-27c, L-27d

Descriptive statistics are presented separately for the following groups of NC child participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Stay-at-home children
- Day care children

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Table L-1a. Benz[*a*]anthracene (56-55-3): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	81.5	1.58	2.58	0.973	0.843
	Urban	103	82.5	1.68	2.73	1.02	0.870
	Rural	21	76.2	1.10	1.59	0.777	0.667
	Low Income	55	83.6	1.59	1.84	1.07	0.803
	Mid/High Income	65	80.0	1.54	3.07	0.892	0.853
	Home Children	65	69.2	1.83	3.30	1.01	0.918
	Day Care Children	59	94.9	1.31	1.38	0.934	0.758
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	41.4	--	--	--	--
	Urban	107	39.3	--	--	--	--
	Rural	21	52.4	51.4	38.1	41.3	0.667
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	37.9	--	--	--	--
	Home Children	66	37.9	--	--	--	--
	Day Care Children	62	45.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	19.8	45.8	6.85	1.26
	Urban	95	100.0	18.1	42.6	6.90	1.21
	Rural	21	100.0	27.4	58.9	6.64	1.52
	Low Income	52	100.0	11.9	20.6	5.90	1.14
	Mid/High Income	60	100.0	27.6	59.9	8.20	1.36
	Home Children	62	100.0	13.2	26.2	5.60	1.17
	Day Care Children	54	100.0	27.4	60.4	8.63	1.33
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	81.5	6.93	11.3	4.26	0.843
	Urban	103	82.5	7.36	12.0	4.46	0.870
	Rural	21	76.2	4.80	6.95	3.40	0.667
	Low Income	55	83.6	6.95	8.04	4.69	0.803
	Mid/High Income	65	80.0	6.74	13.4	3.91	0.853
	Home Children	65	69.2	8.00	14.5	4.43	0.918
	Day Care Children	59	94.9	5.74	6.04	4.09	0.758
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	41.4	--	--	--	--
	Urban	107	39.3	--	--	--	--
	Rural	21	52.4	225	167	181	0.667
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	37.9	--	--	--	--
	Home Children	66	37.9	--	--	--	--
	Day Care Children	62	45.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	86.6	201	30.0	1.26
	Urban	95	100.0	79.2	187	30.2	1.21
	Rural	21	100.0	120	258	29.1	1.52
	Low Income	52	100.0	52.0	90.0	25.9	1.14
	Mid/High Income	60	100.0	121	262	35.9	1.36
	Home Children	62	100.0	57.7	115	24.5	1.17
	Day Care Children	54	100.0	120	265	37.8	1.33

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-1b. Benz[*a*]anthracene (56-55-3): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	0.528	0.746	1.44	6.12	23.8
	Urban	103	<MDL	0.528	0.779	1.80	6.12	23.8
	Rural	21	<MDL	0.527	0.616	0.963	1.81	7.84
	Low Income	55	<MDL	0.528	0.881	1.80	7.56	7.84
	Mid/High Income	65	<MDL	0.528	0.616	1.24	4.10	23.8
	Home Children	65	<MDL	<MDL	0.608	1.74	7.56	23.8
	Day Care Children	59	<MDL	0.540	0.779	1.38	5.37	6.16
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	43.5	140	258
	Urban	107	<MDL	<MDL	<MDL	41.8	144	258
	Rural	21	<MDL	<MDL	40.0	53.6	133	140
	Low Income	58	<MDL	<MDL	<MDL	44.1	195	258
	Mid/High Income	66	<MDL	<MDL	<MDL	42.9	140	188
	Home Children	66	<MDL	<MDL	<MDL	35.4	133	195
	Day Care Children	62	<MDL	<MDL	<MDL	45.2	140	258
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.526	3.12	5.52	11.8	129	319
	Urban	95	0.526	3.35	5.97	11.9	121	319
	Rural	21	1.11	2.83	4.60	9.67	129	233
	Low Income	52	0.526	3.18	5.40	11.5	49.1	130
	Mid/High Income	60	1.21	3.38	5.87	15.0	158	319
	Home Children	62	0.526	2.99	4.49	11.2	44.8	130
	Day Care Children	54	1.11	3.48	7.41	14.1	169	319
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	2.31	3.27	6.31	26.8	104
	Urban	103	<MDL	2.31	3.41	7.87	26.8	104
	Rural	21	<MDL	2.31	2.70	4.22	7.91	34.4
	Low Income	55	<MDL	2.31	3.86	7.87	33.1	34.4
	Mid/High Income	65	<MDL	2.31	2.70	5.43	17.9	104
	Home Children	65	<MDL	<MDL	2.66	7.64	33.1	104
	Day Care Children	59	<MDL	2.37	3.41	6.05	23.5	27.0
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	191	615	1,130
	Urban	107	<MDL	<MDL	<MDL	183	631	1,130
	Rural	21	<MDL	<MDL	175	235	582	615
	Low Income	58	<MDL	<MDL	<MDL	193	856	1,130
	Mid/High Income	66	<MDL	<MDL	<MDL	188	615	825
	Home Children	66	<MDL	<MDL	<MDL	155	582	856
	Day Care Children	62	<MDL	<MDL	<MDL	198	615	1,130
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	2.30	13.7	24.2	51.8	564	1,400
	Urban	95	2.30	14.7	26.1	52.1	530	1,400
	Rural	21	4.86	12.4	20.2	42.4	564	1,020
	Low Income	52	2.30	13.9	23.7	50.5	215	571
	Mid/High Income	60	5.29	14.8	25.7	65.7	690	1,400
	Home Children	62	2.30	13.1	19.7	48.9	196	571
	Day Care Children	54	4.86	15.3	32.5	61.9	742	1,400

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-1c. Benz[*a*]anthracene (56-55-3): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	81.5	0.050	0.086	0.029	0.888
	Urban	103	82.5	0.054	0.093	0.031	0.916
	Rural	21	76.2	0.031	0.041	0.022	0.689
	Low Income	55	83.6	0.054	0.093	0.031	0.914
	Mid/High Income	65	80.0	0.047	0.083	0.028	0.867
	Home Children	65	69.2	0.061	0.112	0.032	0.967
	Day Care Children	59	94.9	0.037	0.040	0.026	0.787
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	41.4	--	--	--	--
	Urban	107	39.3	--	--	--	--
	Rural	21	52.4	1.45	1.13	1.16	0.646
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	37.9	--	--	--	--
	Home Children	66	37.9	--	--	--	--
	Day Care Children	62	45.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.620	1.43	0.203	1.32
	Urban	95	100.0	0.556	1.30	0.206	1.25
	Rural	21	100.0	0.907	1.96	0.186	1.64
	Low Income	52	100.0	0.353	0.637	0.166	1.19
	Mid/High Income	60	100.0	0.884	1.87	0.255	1.40
	Home Children	62	100.0	0.471	1.01	0.176	1.27
	Day Care Children	54	100.0	0.791	1.80	0.239	1.37
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	81.5	0.219	0.378	0.127	0.888
	Urban	103	82.5	0.236	0.406	0.135	0.916
	Rural	21	76.2	0.134	0.179	0.096	0.689
	Low Income	55	83.6	0.236	0.407	0.134	0.914
	Mid/High Income	65	80.0	0.205	0.363	0.122	0.867
	Home Children	65	69.2	0.269	0.492	0.141	0.967
	Day Care Children	59	94.9	0.163	0.176	0.114	0.787
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	41.4	--	--	--	--
	Urban	107	39.3	--	--	--	--
	Rural	21	52.4	6.33	4.93	5.08	0.646
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	37.9	--	--	--	--
	Home Children	66	37.9	--	--	--	--
	Day Care Children	62	45.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	2.72	6.28	0.888	1.32
	Urban	95	100.0	2.44	5.68	0.904	1.25
	Rural	21	100.0	3.97	8.58	0.817	1.64
	Low Income	52	100.0	1.55	2.79	0.729	1.19
	Mid/High Income	60	100.0	3.87	8.21	1.12	1.40
	Home Children	62	100.0	2.06	4.44	0.769	1.27
	Day Care Children	54	100.0	3.47	7.87	1.05	1.37

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-1d. Benz[*a*]anthracene (56-55-3): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.016	0.023	0.046	0.146	0.624
	Urban	103	<MDL	0.016	0.024	0.049	0.146	0.624
	Rural	21	<MDL	0.014	0.018	0.026	0.052	0.201
	Low Income	55	<MDL	0.016	0.027	0.051	0.201	0.614
	Mid/High Income	65	<MDL	0.016	0.020	0.046	0.135	0.624
	Home Children	65	<MDL	<MDL	0.023	0.049	0.201	0.624
	Day Care Children	59	<MDL	0.015	0.022	0.039	0.125	0.206
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	1.35	4.30	7.17
	Urban	107	<MDL	<MDL	<MDL	1.24	4.62	7.17
	Rural	21	<MDL	<MDL	1.01	1.48	3.86	4.30
	Low Income	58	<MDL	<MDL	<MDL	1.37	4.30	7.02
	Mid/High Income	66	<MDL	<MDL	<MDL	1.26	4.62	7.17
	Home Children	66	<MDL	<MDL	<MDL	1.06	4.30	7.17
	Day Care Children	62	<MDL	<MDL	<MDL	1.38	3.86	7.02
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.016	0.088	0.175	0.365	4.17	9.25
	Urban	95	0.016	0.096	0.201	0.408	2.63	9.25
	Rural	21	0.022	0.069	0.133	0.280	4.69	7.33
	Low Income	52	0.016	0.076	0.175	0.326	1.44	4.10
	Mid/High Income	60	0.035	0.103	0.190	0.518	5.49	9.25
	Home Children	62	0.016	0.085	0.137	0.308	1.41	5.33
	Day Care Children	54	0.022	0.102	0.219	0.408	5.65	9.25
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.070	0.102	0.202	0.638	2.73
	Urban	103	<MDL	0.071	0.105	0.213	0.638	2.73
	Rural	21	<MDL	0.062	0.079	0.113	0.229	0.880
	Low Income	55	<MDL	0.071	0.119	0.222	0.880	2.69
	Mid/High Income	65	<MDL	0.070	0.087	0.201	0.592	2.73
	Home Children	65	<MDL	<MDL	0.102	0.216	0.880	2.73
	Day Care Children	59	<MDL	0.064	0.097	0.172	0.546	0.901
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	5.91	18.8	31.4
	Urban	107	<MDL	<MDL	<MDL	5.42	20.2	31.4
	Rural	21	<MDL	<MDL	4.44	6.47	16.9	18.8
	Low Income	58	<MDL	<MDL	<MDL	5.99	18.8	30.7
	Mid/High Income	66	<MDL	<MDL	<MDL	5.52	20.2	31.4
	Home Children	66	<MDL	<MDL	<MDL	4.65	18.8	31.4
	Day Care Children	62	<MDL	<MDL	<MDL	6.03	16.9	30.7
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.069	0.386	0.766	1.60	18.3	40.5
	Urban	95	0.069	0.422	0.880	1.79	11.5	40.5
	Rural	21	0.097	0.303	0.584	1.23	20.5	32.1
	Low Income	52	0.069	0.333	0.766	1.43	6.29	18.0
	Mid/High Income	60	0.153	0.452	0.832	2.27	24.1	40.5
	Home Children	62	0.069	0.374	0.601	1.35	6.18	23.4
	Day Care Children	54	0.097	0.449	0.960	1.79	24.8	40.5

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-2a. Benzo[*b*]fluoranthene (205-99-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	80.6	2.08	2.17	1.39	0.870
	Urban	103	79.6	2.19	2.28	1.46	0.889
	Rural	21	85.7	1.50	1.43	1.11	0.748
	Low Income	55	92.7	2.51	2.18	1.79	0.837
	Mid/High Income	65	69.2	1.73	2.17	1.12	0.866
	Home Children	65	75.4	1.98	2.42	1.26	0.887
	Day Care Children	59	86.4	2.19	1.86	1.55	0.845
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	45.3	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	21	47.6	--	--	--	--
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	47.0	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	62	54.8	42.3	19.0	38.7	0.429
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	50.0	130	17.5	1.25
	Urban	95	100.0	41.0	86.4	17.5	1.18
	Rural	21	100.0	90.7	244	17.3	1.57
	Low Income	52	100.0	32.6	55.3	16.0	1.16
	Mid/High Income	60	100.0	67.7	171	19.9	1.33
	Home Children	62	100.0	28.7	53.3	13.7	1.13
	Day Care Children	54	100.0	74.5	179	23.0	1.34
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	80.6	8.23	8.59	5.51	0.870
	Urban	103	79.6	8.70	9.03	5.77	0.889
	Rural	21	85.7	5.94	5.65	4.39	0.748
	Low Income	55	92.7	9.96	8.64	7.09	0.837
	Mid/High Income	65	69.2	6.87	8.60	4.42	0.866
	Home Children	65	75.4	7.83	9.61	4.98	0.887
	Day Care Children	59	86.4	8.67	7.38	6.16	0.845
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	45.3	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	21	47.6	--	--	--	--
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	47.0	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	62	54.8	168	75.4	153	0.429
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	198	514	69.2	1.25
	Urban	95	100.0	163	343	69.3	1.18
	Rural	21	100.0	359	966	68.7	1.57
	Low Income	52	100.0	129	219	63.5	1.16
	Mid/High Income	60	100.0	269	680	78.7	1.33
	Home Children	62	100.0	114	211	54.4	1.13
	Day Care Children	54	100.0	295	709	91.1	1.34

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-2b. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	0.595	1.21	2.74	5.58	14.5
	Urban	103	<MDL	0.616	1.37	2.85	5.58	14.5
	Rural	21	<MDL	0.569	0.913	2.20	2.99	6.56
	Low Income	55	<MDL	0.819	1.69	3.23	7.90	9.50
	Mid/High Income	65	<MDL	<MDL	0.765	2.17	5.08	14.5
	Home Children	65	<MDL	0.577	1.06	2.30	6.56	14.5
	Day Care Children	59	<MDL	0.684	1.43	3.09	5.53	9.50
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	45.5	97.2	131
	Urban	107	<MDL	<MDL	<MDL	45.8	86.5	131
	Rural	21	<MDL	<MDL	<MDL	44.5	97.2	116
	Low Income	58	<MDL	<MDL	<MDL	55.2	105	116
	Mid/High Income	66	<MDL	<MDL	<MDL	42.9	77.7	131
	Home Children	66	<MDL	<MDL	<MDL	38.6	105	131
	Day Care Children	62	<MDL	<MDL	39.4	47.6	78.5	106
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.639	8.69	13.9	31.5	279	1,090
	Urban	95	0.639	9.20	15.5	32.3	174	640
	Rural	21	3.00	6.05	11.4	30.8	326	1,090
	Low Income	52	0.639	8.24	16.8	32.4	146	335
	Mid/High Income	60	2.55	9.25	12.6	36.1	331	1,090
	Home Children	62	0.639	6.72	11.5	24.9	71.1	335
	Day Care Children	54	3.00	9.45	19.6	34.1	336	1,090
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	2.36	4.79	10.9	22.1	57.6
	Urban	103	<MDL	2.44	5.45	11.3	22.1	57.6
	Rural	21	<MDL	2.25	3.62	8.71	11.9	26.0
	Low Income	55	<MDL	3.25	6.70	12.8	31.3	37.7
	Mid/High Income	65	<MDL	<MDL	3.03	8.61	20.1	57.6
	Home Children	65	<MDL	2.29	4.21	9.11	26.0	57.6
	Day Care Children	59	<MDL	2.71	5.68	12.2	21.9	37.7
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	180	385	519
	Urban	107	<MDL	<MDL	<MDL	182	343	519
	Rural	21	<MDL	<MDL	<MDL	176	385	459
	Low Income	58	<MDL	<MDL	<MDL	219	414	459
	Mid/High Income	66	<MDL	<MDL	<MDL	170	308	519
	Home Children	66	<MDL	<MDL	<MDL	153	414	519
	Day Care Children	62	<MDL	<MDL	156	189	311	421
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	2.53	34.4	55.1	125	1,100	4,330
	Urban	95	2.53	36.5	61.6	128	689	2,540
	Rural	21	11.9	24.0	45.4	122	1,290	4,330
	Low Income	52	2.53	32.7	66.5	128	577	1,330
	Mid/High Income	60	10.1	36.6	50.1	143	1,310	4,330
	Home Children	62	2.53	26.6	45.8	98.7	282	1,330
	Day Care Children	54	11.9	37.4	77.7	135	1,330	4,330

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-2c. Benzo[*b*]fluoranthene (205-99-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	80.6	0.066	0.084	0.041	0.908
	Urban	103	79.6	0.071	0.090	0.044	0.932
	Rural	21	85.7	0.041	0.037	0.031	0.726
	Low Income	55	92.7	0.079	0.102	0.051	0.907
	Mid/High Income	65	69.2	0.055	0.068	0.035	0.903
	Home Children	65	75.4	0.068	0.104	0.040	0.939
	Day Care Children	59	86.4	0.063	0.055	0.043	0.878
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	45.3	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	21	47.6	--	--	--	--
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	47.0	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	62	54.8	1.20	0.558	1.08	0.455
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	1.55	4.04	0.516	1.30
	Urban	95	100.0	1.24	2.56	0.523	1.22
	Rural	21	100.0	2.93	7.77	0.486	1.67
	Low Income	52	100.0	0.964	1.69	0.452	1.21
	Mid/High Income	60	100.0	2.14	5.34	0.618	1.36
	Home Children	62	100.0	0.993	1.91	0.431	1.22
	Day Care Children	54	100.0	2.19	5.51	0.636	1.37
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	80.6	0.260	0.334	0.164	0.908
	Urban	103	79.6	0.280	0.358	0.174	0.932
	Rural	21	85.7	0.163	0.145	0.123	0.726
	Low Income	55	92.7	0.315	0.405	0.203	0.907
	Mid/High Income	65	69.2	0.219	0.268	0.138	0.903
	Home Children	65	75.4	0.270	0.414	0.158	0.939
	Day Care Children	59	86.4	0.249	0.219	0.172	0.878
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	45.3	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	21	47.6	--	--	--	--
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	47.0	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	62	54.8	4.75	2.21	4.30	0.455
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	6.14	16.0	2.05	1.30
	Urban	95	100.0	4.93	10.2	2.07	1.22
	Rural	21	100.0	11.6	30.8	1.93	1.67
	Low Income	52	100.0	3.82	6.71	1.79	1.21
	Mid/High Income	60	100.0	8.48	21.2	2.45	1.36
	Home Children	62	100.0	3.93	7.58	1.71	1.22
	Day Care Children	54	100.0	8.67	21.8	2.52	1.37

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-2d. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.020	0.035	0.079	0.198	0.700
	Urban	103	<MDL	0.020	0.041	0.087	0.207	0.700
	Rural	21	<MDL	0.017	0.029	0.059	0.087	0.168
	Low Income	55	<MDL	0.025	0.048	0.096	0.207	0.700
	Mid/High Income	65	<MDL	<MDL	0.026	0.065	0.193	0.410
	Home Children	65	<MDL	0.020	0.031	0.070	0.215	0.700
	Day Care Children	59	<MDL	0.020	0.041	0.087	0.170	0.249
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	1.40	2.79	4.60
	Urban	107	<MDL	<MDL	<MDL	1.44	2.79	4.60
	Rural	21	<MDL	<MDL	<MDL	1.29	2.55	3.75
	Low Income	58	<MDL	<MDL	<MDL	1.56	3.12	3.75
	Mid/High Income	66	<MDL	<MDL	<MDL	1.21	2.17	4.60
	Home Children	66	<MDL	<MDL	<MDL	1.06	3.42	4.60
	Day Care Children	62	<MDL	<MDL	1.11	1.46	2.23	3.12
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.019	0.229	0.455	0.882	9.48	34.4
	Urban	95	0.019	0.264	0.471	0.886	5.03	18.5
	Rural	21	0.075	0.171	0.300	0.847	10.6	34.4
	Low Income	52	0.019	0.189	0.507	0.874	4.46	10.5
	Mid/High Income	60	0.074	0.265	0.432	1.24	10.9	34.4
	Home Children	62	0.019	0.211	0.382	0.836	2.46	10.5
	Day Care Children	54	0.075	0.271	0.559	0.944	11.2	34.4
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.079	0.139	0.314	0.785	2.77
	Urban	103	<MDL	0.081	0.163	0.345	0.821	2.77
	Rural	21	<MDL	0.066	0.115	0.233	0.344	0.666
	Low Income	55	<MDL	0.098	0.189	0.382	0.821	2.77
	Mid/High Income	65	<MDL	<MDL	0.103	0.256	0.764	1.63
	Home Children	65	<MDL	0.081	0.124	0.279	0.850	2.77
	Day Care Children	59	<MDL	0.078	0.163	0.344	0.672	0.988
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	5.54	11.1	18.2
	Urban	107	<MDL	<MDL	<MDL	5.69	11.1	18.2
	Rural	21	<MDL	<MDL	<MDL	5.12	10.1	14.9
	Low Income	58	<MDL	<MDL	<MDL	6.17	12.4	14.9
	Mid/High Income	66	<MDL	<MDL	<MDL	4.80	8.60	18.2
	Home Children	66	<MDL	<MDL	<MDL	4.21	13.6	18.2
	Day Care Children	62	<MDL	<MDL	4.39	5.77	8.82	12.4
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.075	0.909	1.80	3.50	37.6	136
	Urban	95	0.075	1.05	1.87	3.51	20.0	73.5
	Rural	21	0.297	0.678	1.19	3.36	41.9	136
	Low Income	52	0.075	0.749	2.01	3.47	17.7	41.7
	Mid/High Income	60	0.293	1.05	1.71	4.93	43.2	136
	Home Children	62	0.075	0.838	1.51	3.31	9.75	41.7
	Day Care Children	54	0.297	1.08	2.21	3.74	44.4	136

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-3a. Benzo[*k*]fluoranthene (207-08-9): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	67.7	0.825	0.601	0.707	0.502
	Urban	103	68.0	0.842	0.624	0.717	0.515
	Rural	21	66.7	0.741	0.476	0.660	0.438
	Low Income	55	72.7	0.962	0.725	0.809	0.536
	Mid/High Income	65	61.5	0.703	0.463	0.622	0.449
	Home Children	65	60.0	0.819	0.699	0.680	0.530
	Day Care Children	59	76.3	0.831	0.476	0.739	0.471
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	21.9	--	--	--	--
	Urban	107	20.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	58	31.0	--	--	--	--
	Mid/High Income	66	13.6	--	--	--	--
	Home Children	66	19.7	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	17.3	40.7	6.10	1.26
	Urban	95	100.0	14.6	30.8	6.05	1.20
	Rural	21	100.0	29.2	69.7	6.33	1.53
	Low Income	52	100.0	11.4	19.6	5.40	1.20
	Mid/High Income	60	100.0	23.2	53.0	7.07	1.31
	Home Children	62	100.0	11.0	21.2	4.98	1.15
	Day Care Children	54	100.0	24.4	54.5	7.70	1.34
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	67.7	3.27	2.38	2.80	0.502
	Urban	103	68.0	3.34	2.47	2.84	0.515
	Rural	21	66.7	2.94	1.89	2.62	0.438
	Low Income	55	72.7	3.81	2.87	3.21	0.536
	Mid/High Income	65	61.5	2.79	1.83	2.47	0.449
	Home Children	65	60.0	3.25	2.77	2.69	0.530
	Day Care Children	59	76.3	3.30	1.89	2.93	0.471
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	21.9	--	--	--	--
	Urban	107	20.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	58	31.0	--	--	--	--
	Mid/High Income	66	13.6	--	--	--	--
	Home Children	66	19.7	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	68.4	161	24.2	1.26
	Urban	95	100.0	57.9	122	24.0	1.20
	Rural	21	100.0	116	276	25.1	1.53
	Low Income	52	100.0	45.0	77.8	21.4	1.20
	Mid/High Income	60	100.0	92.0	210	28.0	1.31
	Home Children	62	100.0	43.5	84.2	19.7	1.15
	Day Care Children	54	100.0	96.9	216	30.5	1.34

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-3b. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	0.613	0.850	2.24	4.14
	Urban	103	<MDL	<MDL	0.623	0.857	2.24	4.14
	Rural	21	<MDL	<MDL	0.541	0.843	1.22	2.59
	Low Income	55	<MDL	<MDL	0.714	1.04	2.59	4.14
	Mid/High Income	65	<MDL	<MDL	0.530	0.734	1.55	3.26
	Home Children	65	<MDL	<MDL	0.530	0.796	2.57	4.14
	Day Care Children	59	<MDL	0.528	0.714	0.890	1.79	3.00
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	51.8	74.5
	Urban	107	<MDL	<MDL	<MDL	<MDL	51.1	74.5
	Rural	21	<MDL	<MDL	<MDL	39.2	52.4	52.5
	Low Income	58	<MDL	<MDL	<MDL	41.5	52.5	58.6
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	49.7	74.5
	Home Children	66	<MDL	<MDL	<MDL	<MDL	52.4	74.5
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	50.7	58.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.155	2.89	4.85	10.8	98.5	298
	Urban	95	0.155	3.07	4.95	11.1	82.3	222
	Rural	21	0.992	2.40	4.09	8.60	126	298
	Low Income	52	0.155	2.58	5.08	9.94	49.6	117
	Mid/High Income	60	1.14	3.13	4.81	14.1	122	298
	Home Children	62	0.155	2.69	4.31	8.60	26.7	117
	Day Care Children	54	0.992	3.00	5.99	11.2	126	298
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	2.43	3.37	8.88	16.4
	Urban	103	<MDL	<MDL	2.47	3.40	8.88	16.4
	Rural	21	<MDL	<MDL	2.15	3.34	4.83	10.3
	Low Income	55	<MDL	<MDL	2.83	4.12	10.3	16.4
	Mid/High Income	65	<MDL	<MDL	2.10	2.91	6.15	12.9
	Home Children	65	<MDL	<MDL	2.10	3.15	10.2	16.4
	Day Care Children	59	<MDL	2.09	2.83	3.53	7.10	11.9
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	205	295
	Urban	107	<MDL	<MDL	<MDL	<MDL	203	295
	Rural	21	<MDL	<MDL	<MDL	155	208	208
	Low Income	58	<MDL	<MDL	<MDL	165	208	232
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	197	295
	Home Children	66	<MDL	<MDL	<MDL	<MDL	208	295
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	201	232
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	0.614	11.4	19.2	42.9	390	1,180
	Urban	95	0.614	12.2	19.6	43.9	326	881
	Rural	21	3.93	9.51	16.2	34.1	499	1,180
	Low Income	52	0.614	10.2	20.1	39.4	197	464
	Mid/High Income	60	4.53	12.4	19.1	55.8	482	1,180
	Home Children	62	0.614	10.7	17.1	34.1	106	464
	Day Care Children	54	3.93	11.9	23.7	44.4	499	1,180

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-3c. Benzo[*k*]fluoranthene (207-08-9): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	67.7	0.026	0.024	0.021	0.558
	Urban	103	68.0	0.027	0.025	0.022	0.580
	Rural	21	66.7	0.021	0.012	0.019	0.425
	Low Income	55	72.7	0.029	0.030	0.023	0.613
	Mid/High Income	65	61.5	0.023	0.017	0.019	0.515
	Home Children	65	60.0	0.028	0.030	0.022	0.600
	Day Care Children	59	76.3	0.024	0.013	0.021	0.512
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	21.9	--	--	--	--
	Urban	107	20.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	58	31.0	--	--	--	--
	Mid/High Income	66	13.6	--	--	--	--
	Home Children	66	19.7	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.540	1.28	0.180	1.31
	Urban	95	100.0	0.448	0.937	0.181	1.23
	Rural	21	100.0	0.955	2.26	0.178	1.64
	Low Income	52	100.0	0.337	0.598	0.152	1.25
	Mid/High Income	60	100.0	0.744	1.67	0.220	1.35
	Home Children	62	100.0	0.388	0.801	0.156	1.25
	Day Care Children	54	100.0	0.714	1.66	0.213	1.37
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	67.7	0.102	0.094	0.084	0.558
	Urban	103	68.0	0.106	0.101	0.086	0.580
	Rural	21	66.7	0.082	0.048	0.074	0.425
	Low Income	55	72.7	0.117	0.120	0.092	0.613
	Mid/High Income	65	61.5	0.090	0.067	0.077	0.515
	Home Children	65	60.0	0.110	0.120	0.086	0.600
	Day Care Children	59	76.3	0.093	0.053	0.082	0.512
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	21.9	--	--	--	--
	Urban	107	20.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	58	31.0	--	--	--	--
	Mid/High Income	66	13.6	--	--	--	--
	Home Children	66	19.7	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	2.14	5.08	0.715	1.31
	Urban	95	100.0	1.78	3.71	0.717	1.23
	Rural	21	100.0	3.79	8.95	0.704	1.64
	Low Income	52	100.0	1.34	2.37	0.603	1.25
	Mid/High Income	60	100.0	2.95	6.63	0.871	1.35
	Home Children	62	100.0	1.54	3.17	0.619	1.25
	Day Care Children	54	100.0	2.83	6.59	0.844	1.37

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-3d. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.019	0.026	0.063	0.202
	Urban	103	<MDL	<MDL	0.019	0.027	0.063	0.202
	Rural	21	<MDL	<MDL	0.017	0.021	0.035	0.066
	Low Income	55	<MDL	<MDL	0.020	0.032	0.079	0.202
	Mid/High Income	65	<MDL	<MDL	0.018	0.024	0.059	0.116
	Home Children	65	<MDL	<MDL	0.018	0.024	0.068	0.202
	Day Care Children	59	<MDL	0.015	0.020	0.027	0.047	0.079
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	1.58	2.85
	Urban	107	<MDL	<MDL	<MDL	<MDL	1.58	2.85
	Rural	21	<MDL	<MDL	<MDL	1.03	1.38	1.70
	Low Income	58	<MDL	<MDL	<MDL	1.22	1.58	1.70
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	1.87	2.85
	Home Children	66	<MDL	<MDL	<MDL	<MDL	1.70	2.85
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	1.57	1.87
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.005	0.082	0.153	0.318	3.68	9.38
	Urban	95	0.005	0.092	0.162	0.330	1.78	6.45
	Rural	21	0.025	0.061	0.114	0.249	4.08	9.38
	Low Income	52	0.005	0.072	0.162	0.304	1.61	3.68
	Mid/High Income	60	0.033	0.092	0.154	0.441	4.02	9.38
	Home Children	62	0.005	0.075	0.137	0.291	0.950	3.97
	Day Care Children	54	0.025	0.092	0.185	0.333	4.08	9.38
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.074	0.105	0.251	0.801
	Urban	103	<MDL	<MDL	0.076	0.106	0.251	0.801
	Rural	21	<MDL	<MDL	0.067	0.085	0.140	0.263
	Low Income	55	<MDL	<MDL	0.078	0.127	0.312	0.801
	Mid/High Income	65	<MDL	<MDL	0.070	0.096	0.234	0.459
	Home Children	65	<MDL	<MDL	0.072	0.096	0.271	0.801
	Day Care Children	59	<MDL	0.061	0.078	0.108	0.187	0.312
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	6.28	11.3
	Urban	107	<MDL	<MDL	<MDL	<MDL	6.28	11.3
	Rural	21	<MDL	<MDL	<MDL	4.08	5.46	6.72
	Low Income	58	<MDL	<MDL	<MDL	4.83	6.28	6.76
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	7.40	11.3
	Home Children	66	<MDL	<MDL	<MDL	<MDL	6.72	11.3
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	6.20	7.40
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.018	0.326	0.606	1.26	14.6	37.2
	Urban	95	0.018	0.364	0.643	1.31	7.05	25.5
	Rural	21	0.098	0.243	0.452	0.988	16.2	37.2
	Low Income	52	0.018	0.284	0.644	1.20	6.37	14.6
	Mid/High Income	60	0.131	0.366	0.609	1.75	15.9	37.2
	Home Children	62	0.018	0.296	0.544	1.15	3.77	15.7
	Day Care Children	54	0.098	0.364	0.732	1.32	16.2	37.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-4a. Benzo[*ghi*]perylene (191-24-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	79.8	1.76	2.00	1.21	0.806
	Urban	103	81.6	1.84	2.11	1.25	0.820
	Rural	21	71.4	1.37	1.33	1.02	0.731
	Low Income	55	92.7	1.99	1.62	1.51	0.744
	Mid/High Income	65	67.7	1.58	2.31	0.991	0.825
	Home Children	65	73.8	1.86	2.44	1.16	0.882
	Day Care Children	59	86.4	1.65	1.38	1.26	0.718
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	1.5	--	--	--	--
	Home Children	66	1.5	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	25.4	64.1	9.87	1.19
	Urban	95	100.0	20.7	37.0	10.0	1.11
	Rural	21	100.0	46.6	129	9.20	1.53
	Low Income	52	100.0	17.3	27.7	8.70	1.15
	Mid/High Income	60	100.0	33.5	84.9	11.4	1.24
	Home Children	62	100.0	16.1	26.5	8.30	1.08
	Day Care Children	54	100.0	36.0	88.9	12.0	1.29
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	79.8	6.38	7.24	4.37	0.806
	Urban	103	81.6	6.66	7.63	4.52	0.820
	Rural	21	71.4	4.98	4.81	3.70	0.731
	Low Income	55	92.7	7.22	5.85	5.47	0.744
	Mid/High Income	65	67.7	5.71	8.37	3.58	0.825
	Home Children	65	73.8	6.74	8.82	4.18	0.882
	Day Care Children	59	86.4	5.98	5.00	4.58	0.718
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	1.5	--	--	--	--
	Home Children	66	1.5	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	91.9	232	35.7	1.19
	Urban	95	100.0	74.9	134	36.3	1.11
	Rural	21	100.0	169	467	33.3	1.53
	Low Income	52	100.0	62.5	100	31.5	1.15
	Mid/High Income	60	100.0	121	307	41.3	1.24
	Home Children	62	100.0	58.3	96.0	30.1	1.08
	Day Care Children	54	100.0	130	322	43.6	1.29

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-4b. Benzo[*ghi*]perylene (191-24-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	0.586	1.04	2.12	5.72	14.9
	Urban	103	<MDL	0.625	1.07	2.17	5.83	14.9
	Rural	21	<MDL	<MDL	0.787	1.56	4.26	5.72
	Low Income	55	<MDL	0.893	1.49	2.44	5.83	7.34
	Mid/High Income	65	<MDL	<MDL	0.779	1.21	5.53	14.9
	Home Children	65	<MDL	<MDL	0.849	1.76	5.90	14.9
	Day Care Children	59	<MDL	0.803	1.11	2.17	4.77	7.34
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	373
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	373
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	45.2
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	373
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	373
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	45.8
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.532	5.09	8.55	18.1	111	585
	Urban	95	0.532	5.32	8.86	20.8	103	260
	Rural	21	1.48	3.42	5.61	14.4	151	585
	Low Income	52	0.532	4.15	8.92	15.1	72.3	163
	Mid/High Income	60	2.06	5.33	7.85	24.0	143	585
	Home Children	62	0.532	4.66	7.08	14.7	45.1	163
	Day Care Children	54	1.48	5.49	10.4	22.7	151	585
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	2.12	3.78	7.67	20.7	53.8
	Urban	103	<MDL	2.26	3.89	7.85	21.1	53.8
	Rural	21	<MDL	<MDL	2.85	5.65	15.4	20.7
	Low Income	55	<MDL	3.23	5.41	8.85	21.1	26.6
	Mid/High Income	65	<MDL	<MDL	2.82	4.37	20.0	53.8
	Home Children	65	<MDL	<MDL	3.07	6.36	21.4	53.8
	Day Care Children	59	<MDL	2.90	4.00	7.85	17.3	26.6
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	1,350
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	1,350
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	164
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	1,350
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	1,350
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	166
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	1.92	18.4	30.9	65.4	402	2,120
	Urban	95	1.92	19.2	32.1	75.4	373	940
	Rural	21	5.34	12.4	20.3	52.1	548	2,120
	Low Income	52	1.92	15.0	32.3	54.8	262	590
	Mid/High Income	60	7.44	19.3	28.4	86.8	519	2,120
	Home Children	62	1.92	16.9	25.6	53.2	163	590
	Day Care Children	54	5.34	19.9	37.8	82.0	548	2,120

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-4c. Benzo[*ghi*]perylene (191-24-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	79.8	0.056	0.074	0.036	0.854
	Urban	103	81.6	0.060	0.079	0.038	0.879
	Rural	21	71.4	0.037	0.034	0.029	0.696
	Low Income	55	92.7	0.061	0.064	0.043	0.788
	Mid/High Income	65	67.7	0.053	0.083	0.031	0.905
	Home Children	65	73.8	0.064	0.095	0.037	0.941
	Day Care Children	59	86.4	0.047	0.037	0.035	0.754
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	1.5	--	--	--	--
	Home Children	66	1.5	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.793	2.02	0.292	1.25
	Urban	95	100.0	0.636	1.12	0.300	1.16
	Rural	21	100.0	1.50	4.10	0.258	1.64
	Low Income	52	100.0	0.516	0.848	0.245	1.21
	Mid/High Income	60	100.0	1.07	2.67	0.355	1.28
	Home Children	62	100.0	0.559	0.962	0.260	1.18
	Day Care Children	54	100.0	1.06	2.76	0.333	1.32
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	79.8	0.202	0.267	0.130	0.854
	Urban	103	81.6	0.216	0.286	0.136	0.879
	Rural	21	71.4	0.136	0.123	0.104	0.696
	Low Income	55	92.7	0.219	0.233	0.157	0.788
	Mid/High Income	65	67.7	0.192	0.300	0.112	0.905
	Home Children	65	73.8	0.233	0.344	0.133	0.941
	Day Care Children	59	86.4	0.169	0.136	0.128	0.754
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	1.5	--	--	--	--
	Home Children	66	1.5	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	2.87	7.29	1.06	1.25
	Urban	95	100.0	2.30	4.06	1.09	1.16
	Rural	21	100.0	5.44	14.8	0.935	1.64
	Low Income	52	100.0	1.87	3.07	0.887	1.21
	Mid/High Income	60	100.0	3.87	9.66	1.28	1.28
	Home Children	62	100.0	2.02	3.48	0.942	1.18
	Day Care Children	54	100.0	3.84	9.98	1.21	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-4d. Benzo[*ghi*]perylene (191-24-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.019	0.029	0.057	0.177	0.528
	Urban	103	<MDL	0.019	0.029	0.067	0.184	0.528
	Rural	21	<MDL	<MDL	0.022	0.042	0.114	0.146
	Low Income	55	<MDL	0.024	0.042	0.073	0.168	0.420
	Mid/High Income	65	<MDL	<MDL	0.023	0.047	0.210	0.528
	Home Children	65	<MDL	<MDL	0.029	0.055	0.224	0.528
	Day Care Children	59	<MDL	0.022	0.036	0.063	0.124	0.184
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	10.0
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	10.0
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	1.57
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	10.0
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	10.0
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.87
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.016	0.136	0.254	0.540	4.33	18.4
	Urban	95	0.016	0.144	0.273	0.609	2.47	7.53
	Rural	21	0.037	0.096	0.166	0.417	4.90	18.4
	Low Income	52	0.016	0.108	0.262	0.462	2.34	5.13
	Mid/High Income	60	0.057	0.164	0.262	0.747	4.71	18.4
	Home Children	62	0.016	0.128	0.246	0.468	1.77	5.13
	Day Care Children	54	0.037	0.147	0.289	0.565	4.90	18.4
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.067	0.107	0.208	0.642	1.91
	Urban	103	<MDL	0.068	0.107	0.243	0.665	1.91
	Rural	21	<MDL	<MDL	0.081	0.151	0.414	0.530
	Low Income	55	<MDL	0.087	0.153	0.263	0.608	1.52
	Mid/High Income	65	<MDL	<MDL	0.083	0.171	0.760	1.91
	Home Children	65	<MDL	<MDL	0.105	0.200	0.811	1.91
	Day Care Children	59	<MDL	0.079	0.130	0.229	0.450	0.665
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	36.3
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	36.3
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	5.67
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	36.3
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	36.3
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	6.76
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.057	0.491	0.920	1.96	15.7	66.6
	Urban	95	0.057	0.522	0.988	2.21	8.93	27.2
	Rural	21	0.134	0.349	0.602	1.51	17.7	66.6
	Low Income	52	0.057	0.390	0.947	1.67	8.48	18.6
	Mid/High Income	60	0.205	0.593	0.947	2.70	17.0	66.6
	Home Children	62	0.057	0.464	0.889	1.69	6.42	18.6
	Day Care Children	54	0.134	0.532	1.05	2.05	17.7	66.6

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-5a. Benzo[*a*]pyrene (50-32-8): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	75.0	1.49	1.69	1.02	0.795
	Urban	103	73.8	1.47	1.58	1.03	0.778
	Rural	21	81.0	1.60	2.20	0.987	0.893
	Low Income	55	81.8	1.90	1.85	1.35	0.809
	Mid/High Income	65	67.7	1.13	1.49	0.797	0.706
	Home Children	65	63.1	1.47	1.92	0.951	0.830
	Day Care Children	59	88.1	1.51	1.40	1.11	0.753
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	24.2	--	--	--	--
	Urban	107	25.2	--	--	--	--
	Rural	21	19.0	--	--	--	--
	Low Income	58	24.1	--	--	--	--
	Mid/High Income	66	22.7	--	--	--	--
	Home Children	66	24.2	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	27.3	68.1	9.83	1.24
	Urban	95	100.0	22.8	46.0	10.1	1.15
	Rural	21	100.0	47.6	127	8.79	1.60
	Low Income	52	100.0	16.7	26.7	8.44	1.11
	Mid/High Income	60	100.0	37.8	90.5	11.7	1.34
	Home Children	62	100.0	16.9	28.0	8.17	1.14
	Day Care Children	54	100.0	39.2	94.3	12.2	1.32
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	75.0	5.90	6.69	4.06	0.795
	Urban	103	73.8	5.81	6.24	4.09	0.778
	Rural	21	81.0	6.36	8.71	3.91	0.893
	Low Income	55	81.8	7.52	7.33	5.33	0.809
	Mid/High Income	65	67.7	4.47	5.91	3.16	0.706
	Home Children	65	63.1	5.84	7.63	3.77	0.830
	Day Care Children	59	88.1	5.97	5.53	4.40	0.753
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	24.2	--	--	--	--
	Urban	107	25.2	--	--	--	--
	Rural	21	19.0	--	--	--	--
	Low Income	58	24.1	--	--	--	--
	Mid/High Income	66	22.7	--	--	--	--
	Home Children	66	24.2	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	108	270	39.0	1.24
	Urban	95	100.0	90.4	182	39.9	1.15
	Rural	21	100.0	189	504	34.8	1.60
	Low Income	52	100.0	66.2	106	33.4	1.11
	Mid/High Income	60	100.0	150	359	46.4	1.34
	Home Children	62	100.0	67.0	111	32.4	1.14
	Day Care Children	54	100.0	155	374	48.2	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-5b. Benzo[*a*]pyrene (50-32-8): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	0.796	1.70	4.18	10.1
	Urban	103	<MDL	<MDL	0.889	1.70	3.93	9.27
	Rural	21	<MDL	0.507	0.588	1.87	4.18	10.1
	Low Income	55	<MDL	0.621	1.31	2.51	6.15	10.1
	Mid/High Income	65	<MDL	<MDL	0.577	1.15	2.95	9.27
	Home Children	65	<MDL	<MDL	0.595	1.56	3.93	10.1
	Day Care Children	59	<MDL	0.588	1.04	1.73	5.31	7.15
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	68.7	192
	Urban	107	<MDL	<MDL	<MDL	39.0	77.3	192
	Rural	21	<MDL	<MDL	<MDL	<MDL	50.9	63.7
	Low Income	58	<MDL	<MDL	<MDL	<MDL	77.3	176
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	51.1	192
	Home Children	66	<MDL	<MDL	<MDL	<MDL	77.3	192
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	67.9	176
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.843	4.40	7.68	18.3	148	568
	Urban	95	0.843	4.60	8.85	18.8	118	343
	Rural	21	1.22	3.00	5.65	14.2	185	568
	Low Income	52	0.898	4.27	7.05	15.5	72.0	154
	Mid/High Income	60	0.843	5.06	8.26	23.0	184	568
	Home Children	62	0.843	4.26	6.62	16.5	53.3	154
	Day Care Children	54	1.22	4.60	10.3	19.2	185	568
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	3.16	6.74	16.6	39.8
	Urban	103	<MDL	<MDL	3.52	6.73	15.6	36.8
	Rural	21	<MDL	2.01	2.33	7.43	16.6	39.8
	Low Income	55	<MDL	2.46	5.19	9.96	24.4	39.8
	Mid/High Income	65	<MDL	<MDL	2.29	4.57	11.7	36.8
	Home Children	65	<MDL	<MDL	2.36	6.20	15.6	39.8
	Day Care Children	59	<MDL	2.33	4.13	6.86	21.0	28.3
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	272	762
	Urban	107	<MDL	<MDL	<MDL	155	306	762
	Rural	21	<MDL	<MDL	<MDL	<MDL	202	253
	Low Income	58	<MDL	<MDL	<MDL	<MDL	306	698
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	203	762
	Home Children	66	<MDL	<MDL	<MDL	<MDL	306	762
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	269	698
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	3.34	17.4	30.4	72.6	585	2,250
	Urban	95	3.34	18.2	35.1	74.6	466	1,360
	Rural	21	4.84	11.9	22.4	56.4	733	2,250
	Low Income	52	3.56	16.9	27.9	61.3	285	609
	Mid/High Income	60	3.34	20.1	32.7	91.1	727	2,250
	Home Children	62	3.34	16.9	26.2	65.3	211	609
	Day Care Children	54	4.84	18.2	40.6	76.1	733	2,250

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-5c. Benzo[*a*]pyrene (50-32-8): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	75.0	0.046	0.056	0.031	0.829
	Urban	103	73.8	0.046	0.057	0.031	0.822
	Rural	21	81.0	0.044	0.057	0.028	0.877
	Low Income	55	81.8	0.057	0.059	0.039	0.858
	Mid/High Income	65	67.7	0.037	0.055	0.025	0.768
	Home Children	65	63.1	0.049	0.068	0.030	0.870
	Day Care Children	59	88.1	0.043	0.039	0.031	0.790
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	24.2	--	--	--	--
	Urban	107	25.2	--	--	--	--
	Rural	21	19.0	--	--	--	--
	Low Income	58	24.1	--	--	--	--
	Mid/High Income	66	22.7	--	--	--	--
	Home Children	66	24.2	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.854	2.13	0.291	1.30
	Urban	95	100.0	0.703	1.40	0.302	1.19
	Rural	21	100.0	1.54	4.05	0.247	1.72
	Low Income	52	100.0	0.501	0.825	0.238	1.17
	Mid/High Income	60	100.0	1.20	2.83	0.364	1.38
	Home Children	62	100.0	0.593	1.05	0.256	1.23
	Day Care Children	54	100.0	1.15	2.90	0.336	1.37
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	75.0	0.183	0.224	0.121	0.829
	Urban	103	73.8	0.184	0.224	0.124	0.822
	Rural	21	81.0	0.174	0.227	0.110	0.877
	Low Income	55	81.8	0.224	0.234	0.153	0.858
	Mid/High Income	65	67.7	0.148	0.217	0.099	0.768
	Home Children	65	63.1	0.194	0.271	0.120	0.870
	Day Care Children	59	88.1	0.170	0.156	0.123	0.790
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	24.2	--	--	--	--
	Urban	107	25.2	--	--	--	--
	Rural	21	19.0	--	--	--	--
	Low Income	58	24.1	--	--	--	--
	Mid/High Income	66	22.7	--	--	--	--
	Home Children	66	24.2	--	--	--	--
	Day Care Children	62	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	3.39	8.45	1.15	1.30
	Urban	95	100.0	2.79	5.54	1.20	1.19
	Rural	21	100.0	6.09	16.0	0.978	1.72
	Low Income	52	100.0	1.98	3.27	0.943	1.17
	Mid/High Income	60	100.0	4.77	11.2	1.44	1.38
	Home Children	62	100.0	2.35	4.17	1.02	1.23
	Day Care Children	54	100.0	4.57	11.5	1.33	1.37

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-5d. Benzo[*a*]pyrene (50-32-8): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.025	0.055	0.133	0.329
	Urban	103	<MDL	<MDL	0.027	0.054	0.133	0.329
	Rural	21	<MDL	0.015	0.018	0.059	0.121	0.258
	Low Income	55	<MDL	0.018	0.038	0.072	0.188	0.293
	Mid/High Income	65	<MDL	<MDL	0.019	0.041	0.098	0.329
	Home Children	65	<MDL	<MDL	0.021	0.049	0.258	0.329
	Day Care Children	59	<MDL	0.016	0.029	0.059	0.133	0.188
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	2.23	8.47
	Urban	107	<MDL	<MDL	<MDL	1.10	2.43	8.47
	Rural	21	<MDL	<MDL	<MDL	<MDL	1.33	1.67
	Low Income	58	<MDL	<MDL	<MDL	<MDL	2.43	5.39
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	1.97	8.47
	Home Children	66	<MDL	<MDL	<MDL	<MDL	2.43	8.47
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	2.08	5.39
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.024	0.127	0.246	0.573	4.84	17.9
	Urban	95	0.024	0.137	0.265	0.595	2.66	9.94
	Rural	21	0.027	0.083	0.147	0.408	5.99	17.9
	Low Income	52	0.027	0.118	0.234	0.424	2.29	4.84
	Mid/High Income	60	0.024	0.147	0.268	0.752	6.03	17.9
	Home Children	62	0.024	0.118	0.220	0.471	2.04	5.18
	Day Care Children	54	0.027	0.135	0.284	0.595	6.08	17.9
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.098	0.220	0.526	1.31
	Urban	103	<MDL	<MDL	0.105	0.214	0.526	1.31
	Rural	21	<MDL	0.059	0.072	0.233	0.481	1.02
	Low Income	55	<MDL	0.070	0.149	0.285	0.745	1.16
	Mid/High Income	65	<MDL	<MDL	0.077	0.164	0.390	1.31
	Home Children	65	<MDL	<MDL	0.085	0.195	1.02	1.31
	Day Care Children	59	<MDL	0.065	0.113	0.234	0.526	0.745
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	8.82	33.6
	Urban	107	<MDL	<MDL	<MDL	4.37	9.64	33.6
	Rural	21	<MDL	<MDL	<MDL	<MDL	5.29	6.62
	Low Income	58	<MDL	<MDL	<MDL	<MDL	9.64	21.4
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	7.80	33.6
	Home Children	66	<MDL	<MDL	<MDL	<MDL	9.64	33.6
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	8.23	21.4
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.097	0.503	0.976	2.27	19.2	70.9
	Urban	95	0.097	0.544	1.05	2.36	10.6	39.4
	Rural	21	0.108	0.327	0.582	1.62	23.7	70.9
	Low Income	52	0.108	0.467	0.927	1.68	9.07	19.2
	Mid/High Income	60	0.097	0.582	1.06	2.98	23.9	70.9
	Home Children	62	0.097	0.466	0.870	1.87	8.08	20.5
	Day Care Children	54	0.108	0.537	1.12	2.36	24.1	70.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-6a. Benzo[*e*]pyrene (192-97-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	73.4	1.04	0.817	0.845	0.608
	Urban	103	73.8	1.05	0.800	0.858	0.611
	Rural	21	71.4	0.979	0.913	0.785	0.603
	Low Income	55	83.6	1.28	0.936	1.04	0.622
	Mid/High Income	65	63.1	0.840	0.660	0.704	0.544
	Home Children	65	66.2	0.988	0.856	0.786	0.616
	Day Care Children	59	81.4	1.10	0.775	0.916	0.594
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	36.7	--	--	--	--
	Urban	107	36.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	58	41.4	--	--	--	--
	Mid/High Income	66	31.8	--	--	--	--
	Home Children	66	33.3	--	--	--	--
	Day Care Children	62	40.3	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	27.0	70.2	9.78	1.22
	Urban	95	100.0	21.8	43.3	9.80	1.14
	Rural	21	100.0	50.2	137	9.67	1.55
	Low Income	52	100.0	17.6	28.3	8.88	1.15
	Mid/High Income	60	100.0	36.4	93.4	11.1	1.29
	Home Children	62	100.0	16.2	28.7	8.01	1.10
	Day Care Children	54	100.0	39.3	97.3	12.3	1.32
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	73.4	4.13	3.24	3.35	0.608
	Urban	103	73.8	4.18	3.17	3.40	0.611
	Rural	21	71.4	3.88	3.62	3.11	0.603
	Low Income	55	83.6	5.06	3.71	4.12	0.622
	Mid/High Income	65	63.1	3.33	2.62	2.79	0.544
	Home Children	65	66.2	3.92	3.39	3.12	0.616
	Day Care Children	59	81.4	4.36	3.07	3.63	0.594
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	36.7	--	--	--	--
	Urban	107	36.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	58	41.4	--	--	--	--
	Mid/High Income	66	31.8	--	--	--	--
	Home Children	66	33.3	--	--	--	--
	Day Care Children	62	40.3	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	107	278	38.7	1.22
	Urban	95	100.0	86.6	172	38.8	1.14
	Rural	21	100.0	199	545	38.3	1.55
	Low Income	52	100.0	69.6	112	35.2	1.15
	Mid/High Income	60	100.0	144	370	43.9	1.29
	Home Children	62	100.0	64.3	114	31.8	1.10
	Day Care Children	54	100.0	156	386	48.7	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-6b. Benzo[*e*]pyrene (192-97-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	0.733	1.21	2.52	4.59
	Urban	103	<MDL	<MDL	0.744	1.21	2.52	4.46
	Rural	21	<MDL	<MDL	0.580	1.19	1.69	4.59
	Low Income	55	<MDL	0.580	0.960	1.69	3.64	4.59
	Mid/High Income	65	<MDL	<MDL	0.541	1.01	2.21	4.30
	Home Children	65	<MDL	<MDL	0.589	1.11	2.68	4.59
	Day Care Children	59	<MDL	0.548	0.932	1.35	2.52	4.46
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	41.1	71.8	145
	Urban	107	<MDL	<MDL	<MDL	41.5	72.8	145
	Rural	21	<MDL	<MDL	<MDL	40.0	63.7	69.3
	Low Income	58	<MDL	<MDL	<MDL	44.1	76.0	145
	Mid/High Income	66	<MDL	<MDL	<MDL	37.7	60.6	107
	Home Children	66	<MDL	<MDL	<MDL	34.4	69.3	107
	Day Care Children	62	<MDL	<MDL	<MDL	42.0	74.3	145
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.391	4.63	7.75	17.8	138	619
	Urban	95	0.391	5.11	7.92	18.0	103	314
	Rural	21	1.49	4.04	6.19	12.6	171	619
	Low Income	52	0.391	4.23	8.97	15.9	70.5	168
	Mid/High Income	60	1.88	5.29	7.19	21.8	168	619
	Home Children	62	0.391	4.32	6.94	12.6	40.5	168
	Day Care Children	54	1.49	5.29	10.1	18.6	171	619
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	2.90	4.80	9.99	18.2
	Urban	103	<MDL	<MDL	2.95	4.80	9.99	17.7
	Rural	21	<MDL	<MDL	2.30	4.72	6.70	18.2
	Low Income	55	<MDL	2.30	3.80	6.70	14.4	18.2
	Mid/High Income	65	<MDL	<MDL	2.14	4.01	8.78	17.0
	Home Children	65	<MDL	<MDL	2.34	4.39	10.6	18.2
	Day Care Children	59	<MDL	2.17	3.69	5.34	9.99	17.7
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	163	285	574
	Urban	107	<MDL	<MDL	<MDL	165	288	574
	Rural	21	<MDL	<MDL	<MDL	159	253	275
	Low Income	58	<MDL	<MDL	<MDL	175	301	574
	Mid/High Income	66	<MDL	<MDL	<MDL	149	240	423
	Home Children	66	<MDL	<MDL	<MDL	137	275	423
	Day Care Children	62	<MDL	<MDL	<MDL	167	295	574
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	1.55	18.4	30.7	70.6	549	2,450
	Urban	95	1.55	20.2	31.4	71.5	409	1,250
	Rural	21	5.89	16.0	24.5	50.1	676	2,450
	Low Income	52	1.55	16.8	35.5	63.0	279	666
	Mid/High Income	60	7.44	21.0	28.5	86.3	667	2,450
	Home Children	62	1.55	17.1	27.5	50.1	161	666
	Day Care Children	54	5.89	21.0	40.1	73.9	676	2,450

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-6c. Benzo[*e*]pyrene (192-97-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	73.4	0.032	0.028	0.025	0.639
	Urban	103	73.8	0.033	0.029	0.026	0.650
	Rural	21	71.4	0.027	0.023	0.022	0.576
	Low Income	55	83.6	0.038	0.032	0.030	0.664
	Mid/High Income	65	63.1	0.027	0.023	0.022	0.601
	Home Children	65	66.2	0.033	0.032	0.025	0.655
	Day Care Children	59	81.4	0.031	0.022	0.026	0.626
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	36.7	--	--	--	--
	Urban	107	36.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	58	41.4	--	--	--	--
	Mid/High Income	66	31.8	--	--	--	--
	Home Children	66	33.3	--	--	--	--
	Day Care Children	62	40.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.842	2.20	0.289	1.27
	Urban	95	100.0	0.669	1.30	0.293	1.19
	Rural	21	100.0	1.62	4.38	0.271	1.65
	Low Income	52	100.0	0.521	0.863	0.250	1.20
	Mid/High Income	60	100.0	1.16	2.93	0.345	1.33
	Home Children	62	100.0	0.569	1.06	0.251	1.19
	Day Care Children	54	100.0	1.15	3.01	0.340	1.35
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	73.4	0.127	0.110	0.100	0.639
	Urban	103	73.8	0.131	0.114	0.103	0.650
	Rural	21	71.4	0.106	0.092	0.087	0.576
	Low Income	55	83.6	0.150	0.129	0.118	0.664
	Mid/High Income	65	63.1	0.108	0.092	0.087	0.601
	Home Children	65	66.2	0.129	0.128	0.099	0.655
	Day Care Children	59	81.4	0.124	0.088	0.101	0.626
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	36.7	--	--	--	--
	Urban	107	36.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	58	41.4	--	--	--	--
	Mid/High Income	66	31.8	--	--	--	--
	Home Children	66	33.3	--	--	--	--
	Day Care Children	62	40.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	3.34	8.73	1.15	1.27
	Urban	95	100.0	2.65	5.17	1.16	1.19
	Rural	21	100.0	6.43	17.3	1.08	1.65
	Low Income	52	100.0	2.06	3.42	0.992	1.20
	Mid/High Income	60	100.0	4.60	11.6	1.37	1.33
	Home Children	62	100.0	2.25	4.21	0.996	1.19
	Day Care Children	54	100.0	4.58	11.9	1.35	1.35

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-6d. Benzo[*e*]pyrene (192-97-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.022	0.038	0.084	0.185
	Urban	103	<MDL	<MDL	0.023	0.038	0.084	0.185
	Rural	21	<MDL	<MDL	0.018	0.032	0.045	0.118
	Low Income	55	<MDL	0.017	0.027	0.045	0.117	0.185
	Mid/High Income	65	<MDL	<MDL	0.019	0.031	0.082	0.153
	Home Children	65	<MDL	<MDL	0.020	0.036	0.085	0.185
	Day Care Children	59	<MDL	0.016	0.025	0.038	0.070	0.117
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	1.19	2.29	3.19
	Urban	107	<MDL	<MDL	<MDL	1.21	2.32	3.19
	Rural	21	<MDL	<MDL	<MDL	1.03	1.67	2.24
	Low Income	58	<MDL	<MDL	<MDL	1.43	2.64	3.19
	Mid/High Income	66	<MDL	<MDL	<MDL	1.10	1.87	3.16
	Home Children	66	<MDL	<MDL	<MDL	1.06	2.29	3.16
	Day Care Children	62	<MDL	<MDL	<MDL	1.22	1.87	3.19
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.012	0.132	0.245	0.513	5.14	19.5
	Urban	95	0.012	0.146	0.255	0.555	2.50	9.11
	Rural	21	0.037	0.096	0.172	0.367	5.52	19.5
	Low Income	52	0.012	0.120	0.262	0.482	2.28	5.28
	Mid/High Income	60	0.052	0.153	0.233	0.709	5.53	19.5
	Home Children	62	0.012	0.127	0.224	0.480	1.52	5.28
	Day Care Children	54	0.037	0.146	0.296	0.555	5.54	19.5
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.087	0.149	0.333	0.734
	Urban	103	<MDL	<MDL	0.090	0.151	0.333	0.734
	Rural	21	<MDL	<MDL	0.070	0.126	0.180	0.466
	Low Income	55	<MDL	0.067	0.109	0.180	0.463	0.734
	Mid/High Income	65	<MDL	<MDL	0.075	0.124	0.325	0.605
	Home Children	65	<MDL	<MDL	0.079	0.144	0.338	0.734
	Day Care Children	59	<MDL	0.063	0.101	0.151	0.279	0.463
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	4.70	9.08	12.7
	Urban	107	<MDL	<MDL	<MDL	4.80	9.20	12.7
	Rural	21	<MDL	<MDL	<MDL	4.08	6.62	8.90
	Low Income	58	<MDL	<MDL	<MDL	5.68	10.5	12.7
	Mid/High Income	66	<MDL	<MDL	<MDL	4.38	7.40	12.5
	Home Children	66	<MDL	<MDL	<MDL	4.21	9.08	12.5
	Day Care Children	62	<MDL	<MDL	<MDL	4.83	7.40	12.7
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.046	0.522	0.970	2.03	20.4	77.2
	Urban	95	0.046	0.577	1.01	2.20	9.90	36.1
	Rural	21	0.147	0.381	0.680	1.45	21.9	77.2
	Low Income	52	0.046	0.478	1.04	1.91	9.05	20.9
	Mid/High Income	60	0.205	0.606	0.922	2.81	21.9	77.2
	Home Children	62	0.046	0.503	0.889	1.90	6.02	20.9
	Day Care Children	54	0.147	0.578	1.17	2.20	21.9	77.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-7a. Benzylbutylphthalate (85-68-7): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	44.4	--	--	--	--
	Urban	103	47.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	55	54.5	1,570	5,820	624	0.924
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	59	52.5	714	827	529	0.670
Potential Exposure via Dietary Ingestion (ng/day)	Overall	81	14.8	--	--	--	--
	Urban	65	15.4	--	--	--	--
	Rural	16	12.5	--	--	--	--
	Low Income	34	11.8	--	--	--	--
	Mid/High Income	44	18.2	--	--	--	--
	Home Children	48	8.3	--	--	--	--
	Day Care Children	33	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	111	100.0	2,430	3,540	1,060	1.31
	Urban	95	100.0	2,280	3,390	1,010	1.31
	Rural	16	100.0	3,310	4,380	1,480	1.32
	Low Income	45	100.0	3,740	4,340	1,710	1.44
	Mid/High Income	62	100.0	1,590	2,610	798	1.11
	Home Children	63	100.0	2,170	3,340	846	1.38
	Day Care Children	48	100.0	2,770	3,800	1,430	1.16
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	44.4	--	--	--	--
	Urban	103	47.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	55	54.5	5,020	18,600	2,000	0.924
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	59	52.5	2,290	2,650	1,690	0.670
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	81	14.8	--	--	--	--
	Urban	65	15.4	--	--	--	--
	Rural	16	12.5	--	--	--	--
	Low Income	34	11.8	--	--	--	--
	Mid/High Income	44	18.2	--	--	--	--
	Home Children	48	8.3	--	--	--	--
	Day Care Children	33	24.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	111	100.0	7,790	11,300	3,400	1.31
	Urban	95	100.0	7,310	10,800	3,220	1.31
	Rural	16	100.0	10,600	14,000	4,730	1.32
	Low Income	45	100.0	12,000	13,900	5,470	1.44
	Mid/High Income	62	100.0	5,100	8,370	2,550	1.11
	Home Children	63	100.0	6,960	10,700	2,710	1.38
	Day Care Children	48	100.0	8,870	12,200	4,590	1.16

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-7b. Benzylbutylphthalate (85-68-7): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	808	2,340	43,500
	Urban	103	<MDL	<MDL	<MDL	847	2,360	43,500
	Rural	21	<MDL	<MDL	<MDL	498	999	2,340
	Low Income	55	<MDL	<MDL	498	999	2,580	43,500
	Mid/High Income	65	<MDL	<MDL	<MDL	574	1,860	3,580
	Home Children	65	<MDL	<MDL	<MDL	805	2,340	43,500
	Day Care Children	59	<MDL	<MDL	401	812	2,360	5,530
Potential Exposure via Dietary Ingestion (ng/day)	Overall	81	<MDL	<MDL	<MDL	<MDL	46,600	255,000
	Urban	65	<MDL	<MDL	<MDL	<MDL	46,600	160,000
	Rural	16	<MDL	<MDL	<MDL	<MDL	255,000	255,000
	Low Income	34	<MDL	<MDL	<MDL	<MDL	57,400	255,000
	Mid/High Income	44	<MDL	<MDL	<MDL	<MDL	38,300	160,000
	Home Children	48	<MDL	<MDL	<MDL	<MDL	47,200	255,000
	Day Care Children	33	<MDL	<MDL	<MDL	<MDL	46,600	160,000
Potential Exposure via Indirect Ingestion (ng/day)	Overall	111	28.4	368	923	2,620	10,200	19,000
	Urban	95	28.4	358	899	2,620	10,200	19,000
	Rural	16	240	507	1,270	4,560	14,300	14,300
	Low Income	45	28.4	564	2,130	4,500	12,300	19,000
	Mid/High Income	62	106	337	714	1,550	4,530	14,300
	Home Children	63	28.4	306	666	2,130	9,880	14,300
	Day Care Children	48	128	609	1,390	3,150	12,300	19,000
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	2,590	7,480	139,000
	Urban	103	<MDL	<MDL	<MDL	2,710	7,550	139,000
	Rural	21	<MDL	<MDL	<MDL	1,600	3,200	7,480
	Low Income	55	<MDL	<MDL	1,600	3,200	8,270	139,000
	Mid/High Income	65	<MDL	<MDL	<MDL	1,840	5,960	11,500
	Home Children	65	<MDL	<MDL	<MDL	2,580	7,480	139,000
	Day Care Children	59	<MDL	<MDL	1,280	2,600	7,550	17,700
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	81	<MDL	<MDL	<MDL	<MDL	149,000	815,000
	Urban	65	<MDL	<MDL	<MDL	<MDL	149,000	514,000
	Rural	16	<MDL	<MDL	<MDL	<MDL	815,000	815,000
	Low Income	34	<MDL	<MDL	<MDL	<MDL	184,000	815,000
	Mid/High Income	44	<MDL	<MDL	<MDL	<MDL	123,000	514,000
	Home Children	48	<MDL	<MDL	<MDL	<MDL	151,000	815,000
	Day Care Children	33	<MDL	<MDL	<MDL	<MDL	149,000	514,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	111	91.0	1,180	2,960	8,380	32,800	60,800
	Urban	95	91.0	1,150	2,880	8,380	32,800	60,800
	Rural	16	767	1,620	4,050	14,600	45,700	45,700
	Low Income	45	91.0	1,810	6,820	14,400	39,400	60,800
	Mid/High Income	62	340	1,080	2,290	4,960	14,500	45,700
	Home Children	63	91.0	981	2,130	6,820	31,600	45,700
	Day Care Children	48	410	1,950	4,440	10,100	39,400	60,800

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-7c. Benzylbutylphthalate (85-68-7): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	44.4	--	--	--	--
	Urban	103	47.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	55	54.5	46.2	165	17.9	0.998
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	59	52.5	20.3	24.7	14.8	0.698
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	81	14.8	--	--	--	--
	Urban	65	15.4	--	--	--	--
	Rural	16	12.5	--	--	--	--
	Low Income	34	11.8	--	--	--	--
	Mid/High Income	44	18.2	--	--	--	--
	Home Children	48	8.3	--	--	--	--
	Day Care Children	33	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	111	100.0	76.1	119	31.9	1.35
	Urban	95	100.0	71.9	113	30.4	1.35
	Rural	16	100.0	101	152	42.9	1.33
	Low Income	45	100.0	110	137	48.6	1.47
	Mid/High Income	62	100.0	55.3	103	25.1	1.16
	Home Children	63	100.0	72.7	117	26.7	1.44
	Day Care Children	48	100.0	80.5	123	40.3	1.18
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	44.4	--	--	--	--
	Urban	103	47.6	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	55	54.5	148	527	57.2	0.998
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	59	52.5	65.0	79.1	47.2	0.698
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	81	14.8	--	--	--	--
	Urban	65	15.4	--	--	--	--
	Rural	16	12.5	--	--	--	--
	Low Income	34	11.8	--	--	--	--
	Mid/High Income	44	18.2	--	--	--	--
	Home Children	48	8.3	--	--	--	--
	Day Care Children	33	24.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	111	100.0	244	382	102	1.35
	Urban	95	100.0	230	363	97.2	1.35
	Rural	16	100.0	322	485	137	1.33
	Low Income	45	100.0	351	439	156	1.47
	Mid/High Income	62	100.0	177	329	80.5	1.16
	Home Children	63	100.0	233	375	85.5	1.44
	Day Care Children	48	100.0	258	394	129	1.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-7d. Benzylbutylphthalate (85-68-7): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	25.7	81.3	1,230
	Urban	103	<MDL	<MDL	<MDL	27.4	84.2	1,230
	Rural	21	<MDL	<MDL	<MDL	12.4	28.9	59.8
	Low Income	55	<MDL	<MDL	13.2	29.6	85.9	1,230
	Mid/High Income	65	<MDL	<MDL	<MDL	16.6	48.6	93.9
	Home Children	65	<MDL	<MDL	<MDL	27.6	84.2	1,230
	Day Care Children	59	<MDL	<MDL	12.2	22.8	70.2	169
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	81	<MDL	<MDL	<MDL	<MDL	1,530	5,190
	Urban	65	<MDL	<MDL	<MDL	<MDL	1,530	4,420
	Rural	16	<MDL	<MDL	<MDL	<MDL	5,190	5,190
	Low Income	34	<MDL	<MDL	<MDL	<MDL	2,110	5,190
	Mid/High Income	44	<MDL	<MDL	<MDL	<MDL	868	4,420
	Home Children	48	<MDL	<MDL	<MDL	<MDL	1,530	5,190
	Day Care Children	33	<MDL	<MDL	<MDL	<MDL	1,550	4,420
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	111	0.763	11.4	25.9	82.8	296	746
	Urban	95	0.763	10.2	25.3	82.8	296	746
	Rural	16	6.71	16.6	40.5	132	582	582
	Low Income	45	0.763	15.5	62.7	146	296	746
	Mid/High Income	62	3.16	10.1	21.9	57.5	204	582
	Home Children	63	0.763	9.91	20.9	70.4	322	582
	Day Care Children	48	4.41	19.3	38.0	85.5	287	746
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	82.4	260	3,930
	Urban	103	<MDL	<MDL	<MDL	87.8	269	3,930
	Rural	21	<MDL	<MDL	<MDL	39.8	92.7	192
	Low Income	55	<MDL	<MDL	42.1	94.9	275	3,930
	Mid/High Income	65	<MDL	<MDL	<MDL	53.0	155	301
	Home Children	65	<MDL	<MDL	<MDL	88.2	269	3,930
	Day Care Children	59	<MDL	<MDL	39.2	72.8	225	541
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	81	<MDL	<MDL	<MDL	<MDL	4,890	16,600
	Urban	65	<MDL	<MDL	<MDL	<MDL	4,890	14,100
	Rural	16	<MDL	<MDL	<MDL	<MDL	16,600	16,600
	Low Income	34	<MDL	<MDL	<MDL	<MDL	6,750	16,600
	Mid/High Income	44	<MDL	<MDL	<MDL	<MDL	2,780	14,100
	Home Children	48	<MDL	<MDL	<MDL	<MDL	4,890	16,600
	Day Care Children	33	<MDL	<MDL	<MDL	<MDL	4,970	14,100
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	111	2.44	36.4	83.0	265	947	2,390
	Urban	95	2.44	32.5	81.1	265	947	2,390
	Rural	16	21.5	53.1	129	423	1,860	1,860
	Low Income	45	2.44	49.7	201	466	947	2,390
	Mid/High Income	62	10.1	32.4	70.2	184	652	1,860
	Home Children	63	2.44	31.7	67.0	225	1,030	1,860
	Day Care Children	48	14.1	61.7	122	274	918	2,390

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-8a. Bisphenol-A (80-05-7): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	82.3	32.7	119	15.5	0.911
	Urban	103	80.6	34.6	130	15.6	0.923
	Rural	21	90.5	23.4	26.3	15.3	0.875
	Low Income	55	87.3	25.6	34.2	16.7	0.840
	Mid/High Income	65	80.0	38.3	161	14.4	0.939
	Home Children	65	81.5	43.7	162	16.5	1.03
	Day Care Children	59	83.1	20.5	24.4	14.6	0.762
Potential Exposure via Dietary Ingestion (ng/day)	Overall	129	98.4	4,540	6,690	2,640	1.06
	Urban	108	98.1	4,550	7,130	2,560	1.08
	Rural	21	100.0	4,470	3,770	3,120	0.931
	Low Income	59	98.3	4,190	3,490	2,910	0.947
	Mid/High Income	66	98.5	5,000	8,740	2,530	1.14
	Home Children	66	97.0	2,900	3,070	1,710	1.09
	Day Care Children	63	100.0	6,250	8,750	4,150	0.823
Potential Exposure via Indirect Ingestion (ng/day)	Overall	107	41.1	--	--	--	--
	Urban	87	39.1	--	--	--	--
	Rural	20	50.0	5.08	15.4	1.33	1.29
	Low Income	42	54.8	2.02	2.83	1.16	0.995
	Mid/High Income	61	34.4	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	44	68.2	2.03	2.12	1.37	0.855
Potential Exposure – Aggregated (ng/day)	Overall	102	100.0	4,190	6,190	2,500	1.03
	Urban	82	100.0	4,090	6,660	2,350	1.06
	Rural	20	100.0	4,580	3,830	3,220	0.919
	Low Income	38	100.0	3,860	3,280	2,660	0.949
	Mid/High Income	60	100.0	4,530	7,630	2,490	1.08
	Home Children	62	100.0	3,040	3,120	1,850	1.05
	Day Care Children	40	100.0	5,960	8,880	3,980	0.814
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	82.3	143	521	68.1	0.911
	Urban	103	80.6	151	569	68.2	0.923
	Rural	21	90.5	103	115	67.2	0.875
	Low Income	55	87.3	112	150	73.1	0.840
	Mid/High Income	65	80.0	168	706	63.2	0.939
	Home Children	65	81.5	191	711	72.1	1.03
	Day Care Children	59	83.1	89.9	107	63.9	0.762
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	129	98.4	19,900	29,300	11,600	1.06
	Urban	108	98.1	19,900	31,200	11,200	1.08
	Rural	21	100.0	19,600	16,500	13,700	0.931
	Low Income	59	98.3	18,400	15,300	12,700	0.947
	Mid/High Income	66	98.5	21,900	38,300	11,100	1.14
	Home Children	66	97.0	12,700	13,400	7,510	1.09
	Day Care Children	63	100.0	27,400	38,300	18,200	0.823
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	107	41.1	--	--	--	--
	Urban	87	39.1	--	--	--	--
	Rural	20	50.0	22.2	67.4	5.83	1.29
	Low Income	42	54.8	8.87	12.4	5.06	0.995
	Mid/High Income	61	34.4	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	44	68.2	8.88	9.31	6.02	0.855
Potential Exposure – Aggregated (pmoles/day)	Overall	102	100.0	18,300	27,100	10,900	1.03
	Urban	82	100.0	17,900	29,200	10,300	1.06
	Rural	20	100.0	20,100	16,800	14,100	0.919
	Low Income	38	100.0	16,900	14,300	11,700	0.949
	Mid/High Income	60	100.0	19,800	33,400	10,900	1.08
	Home Children	62	100.0	13,300	13,700	8,100	1.05
	Day Care Children	40	100.0	26,100	38,900	17,400	0.814

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-8b. Bisphenol-A (80-05-7): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	7.49	13.6	23.9	69.3	1,310
	Urban	103	<MDL	7.44	14.0	24.3	63.2	1,310
	Rural	21	<MDL	7.55	12.4	22.2	92.3	95.9
	Low Income	55	<MDL	7.96	14.0	28.2	92.1	194
	Mid/High Income	65	<MDL	7.18	12.7	22.2	63.2	1,310
	Home Children	65	<MDL	7.66	12.1	29.7	92.3	1,310
	Day Care Children	59	<MDL	7.44	14.1	22.1	63.2	165
Potential Exposure via Dietary Ingestion (ng/day)	Overall	129	<MDL	1,540	2,720	5,410	11,800	57,200
	Urban	108	<MDL	1,540	2,570	5,260	11,800	57,200
	Rural	21	359	1,500	3,470	6,020	11,200	15,000
	Low Income	59	<MDL	1,770	2,940	5,620	12,600	16,200
	Mid/High Income	66	<MDL	1,210	2,500	5,450	11,800	57,200
	Home Children	66	<MDL	735	1,750	3,780	10,500	12,800
	Day Care Children	63	787	2,260	4,200	6,140	15,000	57,200
Potential Exposure via Indirect Ingestion (ng/day)	Overall	107	<MDL	<MDL	<MDL	2.36	7.63	70.0
	Urban	87	<MDL	<MDL	<MDL	2.36	7.53	12.1
	Rural	20	<MDL	<MDL	<MDL	2.08	38.8	70.0
	Low Income	42	<MDL	<MDL	1.22	1.70	10.2	12.1
	Mid/High Income	61	<MDL	<MDL	<MDL	2.74	7.53	70.0
	Home Children	63	<MDL	<MDL	<MDL	<MDL	11.7	70.0
	Day Care Children	44	<MDL	<MDL	1.28	2.26	7.53	10.2
Potential Exposure – Aggregated (ng/day)	Overall	102	203	1,500	2,560	5,240	11,300	57,200
	Urban	82	203	1,500	2,210	5,140	10,500	57,200
	Rural	20	452	1,500	3,640	6,500	13,100	15,000
	Low Income	38	203	1,590	2,640	5,140	12,700	12,800
	Mid/High Income	60	249	1,360	2,460	5,440	11,200	57,200
	Home Children	62	203	895	1,930	4,240	10,500	12,800
	Day Care Children	40	820	2,110	3,920	6,150	13,900	57,200
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	32.8	59.5	105	304	5,740
	Urban	103	<MDL	32.6	61.3	106	277	5,740
	Rural	21	<MDL	33.1	54.1	97.1	405	420
	Low Income	55	<MDL	34.9	61.4	124	403	849
	Mid/High Income	65	<MDL	31.4	55.8	97.4	277	5,740
	Home Children	65	<MDL	33.6	52.9	130	405	5,740
	Day Care Children	59	<MDL	32.6	61.8	96.8	277	721
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	129	<MDL	6,740	11,900	23,700	51,800	250,000
	Urban	108	<MDL	6,740	11,300	23,000	51,800	250,000
	Rural	21	1,570	6,590	15,200	26,300	49,200	65,800
	Low Income	59	<MDL	7,740	12,900	24,600	55,300	71,200
	Mid/High Income	66	<MDL	5,300	10,900	23,900	51,800	250,000
	Home Children	66	<MDL	3,220	7,670	16,600	45,900	56,000
	Day Care Children	63	3,450	9,920	18,400	26,900	65,800	250,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	107	<MDL	<MDL	<MDL	10.3	33.4	307
	Urban	87	<MDL	<MDL	<MDL	10.3	33.0	52.9
	Rural	20	<MDL	<MDL	<MDL	9.13	170	307
	Low Income	42	<MDL	<MDL	5.33	7.44	44.7	52.9
	Mid/High Income	61	<MDL	<MDL	<MDL	12.0	33.0	307
	Home Children	63	<MDL	<MDL	<MDL	<MDL	51.2	307
	Day Care Children	44	<MDL	<MDL	5.59	9.88	33.0	44.7
Potential Exposure – Aggregated (pmoles/day)	Overall	102	889	6,560	11,200	22,900	49,300	251,000
	Urban	82	889	6,560	9,660	22,500	45,900	251,000
	Rural	20	1,980	6,570	16,000	28,500	57,500	65,800
	Low Income	38	889	6,990	11,600	22,500	55,600	56,100
	Mid/High Income	60	1,090	5,960	10,800	23,800	48,900	251,000
	Home Children	62	889	3,920	8,440	18,600	45,900	56,100
	Day Care Children	40	3,590	9,260	17,200	26,900	60,700	251,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-8c. Bisphenol-A (80-05-7): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	82.3	1.02	3.65	0.464	0.964
	Urban	103	80.6	1.08	3.99	0.471	0.976
	Rural	21	90.5	0.679	0.772	0.431	0.921
	Low Income	55	87.3	0.797	1.12	0.477	0.940
	Mid/High Income	65	80.0	1.20	4.94	0.450	0.973
	Home Children	65	81.5	1.39	4.97	0.523	1.07
	Day Care Children	59	83.1	0.598	0.751	0.406	0.814
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	129	98.4	135	186	78.8	1.06
	Urban	108	98.1	137	199	77.2	1.09
	Rural	21	100.0	123	102	87.7	0.899
	Low Income	59	98.3	123	111	83.1	0.975
	Mid/High Income	66	98.5	151	237	79.1	1.13
	Home Children	66	97.0	92.8	99.0	54.3	1.10
	Day Care Children	63	100.0	179	240	116	0.873
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	107	41.1	--	--	--	--
	Urban	87	39.1	--	--	--	--
	Rural	20	50.0	0.188	0.630	0.038	1.38
	Low Income	42	54.8	0.065	0.099	0.033	1.10
	Mid/High Income	61	34.4	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	44	68.2	0.060	0.066	0.039	0.911
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	102	100.0	125	175	75.6	1.03
	Urban	82	100.0	125	189	72.4	1.06
	Rural	20	100.0	126	104	90.6	0.885
	Low Income	38	100.0	109	90.5	76.4	0.958
	Mid/High Income	60	100.0	141	215	78.9	1.07
	Home Children	62	100.0	97.7	101	59.1	1.07
	Day Care Children	40	100.0	169	246	111	0.851
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	82.3	4.45	16.0	2.03	0.964
	Urban	103	80.6	4.75	17.5	2.06	0.976
	Rural	21	90.5	2.97	3.38	1.89	0.921
	Low Income	55	87.3	3.49	4.89	2.09	0.940
	Mid/High Income	65	80.0	5.27	21.6	1.97	0.973
	Home Children	65	81.5	6.11	21.8	2.29	1.07
	Day Care Children	59	83.1	2.62	3.29	1.78	0.814
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	129	98.4	591	815	345	1.06
	Urban	108	98.1	601	870	338	1.09
	Rural	21	100.0	539	447	384	0.899
	Low Income	59	98.3	537	486	364	0.975
	Mid/High Income	66	98.5	660	1,040	347	1.13
	Home Children	66	97.0	406	434	238	1.10
	Day Care Children	63	100.0	784	1,050	510	0.873
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	107	41.1	--	--	--	--
	Urban	87	39.1	--	--	--	--
	Rural	20	50.0	0.825	2.76	0.164	1.38
	Low Income	42	54.8	0.286	0.436	0.145	1.10
	Mid/High Income	61	34.4	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	44	68.2	0.263	0.289	0.169	0.911
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	102	100.0	550	767	331	1.03
	Urban	82	100.0	549	827	317	1.06
	Rural	20	100.0	554	456	397	0.885
	Low Income	38	100.0	477	397	335	0.958
	Mid/High Income	60	100.0	616	944	346	1.07
	Home Children	62	100.0	428	441	259	1.07
	Day Care Children	40	100.0	738	1,080	485	0.851

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-8d. Bisphenol-A (80-05-7): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.229	0.407	0.775	2.73	40.1
	Urban	103	<MDL	0.231	0.412	0.786	2.73	40.1
	Rural	21	<MDL	0.219	0.387	0.654	2.61	2.85
	Low Income	55	<MDL	0.231	0.429	0.786	4.41	5.47
	Mid/High Income	65	<MDL	0.230	0.387	0.676	2.18	40.1
	Home Children	65	<MDL	0.230	0.412	0.888	2.85	40.1
	Day Care Children	59	<MDL	0.228	0.400	0.644	1.83	4.90
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	129	<MDL	44.4	74.4	155	381	1,570
	Urban	108	<MDL	43.4	71.0	160	381	1,570
	Rural	21	10.1	46.8	106	141	285	413
	Low Income	59	<MDL	45.3	77.9	164	381	577
	Mid/High Income	66	<MDL	41.3	70.9	185	406	1,570
	Home Children	66	<MDL	25.4	52.4	129	341	406
	Day Care Children	63	16.0	62.0	109	204	420	1,570
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	107	<MDL	<MDL	<MDL	0.082	0.245	2.86
	Urban	87	<MDL	<MDL	<MDL	0.086	0.245	0.560
	Rural	20	<MDL	<MDL	<MDL	0.057	1.55	2.86
	Low Income	42	<MDL	<MDL	0.031	0.056	0.312	0.475
	Mid/High Income	61	<MDL	<MDL	<MDL	0.083	0.240	2.86
	Home Children	63	<MDL	<MDL	<MDL	<MDL	0.370	2.86
	Day Care Children	44	<MDL	<MDL	0.037	0.079	0.224	0.312
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	102	2.28	42.4	71.4	153	342	1,570
	Urban	82	2.28	42.4	67.1	153	342	1,570
	Rural	20	12.8	43.3	108	171	351	414
	Low Income	38	2.28	42.8	76.0	153	333	381
	Mid/High Income	60	9.47	42.0	71.7	171	375	1,570
	Home Children	62	2.28	28.7	55.0	141	342	407
	Day Care Children	40	16.3	61.8	110	201	373	1,570
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	1.00	1.78	3.39	11.9	176
	Urban	103	<MDL	1.01	1.80	3.44	11.9	176
	Rural	21	<MDL	0.958	1.70	2.87	11.4	12.5
	Low Income	55	<MDL	1.01	1.88	3.44	19.3	24.0
	Mid/High Income	65	<MDL	1.01	1.70	2.96	9.53	176
	Home Children	65	<MDL	1.01	1.81	3.89	12.5	176
	Day Care Children	59	<MDL	0.997	1.75	2.82	8.02	21.5
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	129	<MDL	194	326	680	1,670	6,900
	Urban	108	<MDL	190	311	700	1,670	6,900
	Rural	21	44.4	205	463	616	1,250	1,810
	Low Income	59	<MDL	198	341	720	1,670	2,530
	Mid/High Income	66	<MDL	181	311	811	1,780	6,900
	Home Children	66	<MDL	111	230	566	1,490	1,780
	Day Care Children	63	69.9	272	479	892	1,840	6,900
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	107	<MDL	<MDL	<MDL	0.359	1.07	12.5
	Urban	87	<MDL	<MDL	<MDL	0.377	1.07	2.45
	Rural	20	<MDL	<MDL	<MDL	0.252	6.78	12.5
	Low Income	42	<MDL	<MDL	0.135	0.246	1.37	2.08
	Mid/High Income	61	<MDL	<MDL	<MDL	0.366	1.05	12.5
	Home Children	63	<MDL	<MDL	<MDL	<MDL	1.62	12.5
	Day Care Children	44	<MDL	<MDL	0.163	0.345	0.982	1.37
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	102	9.99	186	313	671	1,500	6,900
	Urban	82	9.99	186	294	671	1,500	6,900
	Rural	20	55.9	190	473	751	1,540	1,810
	Low Income	38	9.99	188	333	671	1,460	1,670
	Mid/High Income	60	41.5	184	314	749	1,640	6,900
	Home Children	62	9.99	126	241	617	1,500	1,780
	Day Care Children	40	71.6	271	482	879	1,630	6,900

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-9a. *alpha*-Chlordane (5103-71-9) : Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	98.4	28.0	56.6	10.2	1.33
	Urban	103	98.1	25.8	56.1	9.43	1.29
	Rural	21	100.0	38.8	59.1	14.8	1.46
	Low Income	55	100.0	29.2	50.6	12.7	1.19
	Mid/High Income	65	98.5	22.3	41.7	8.49	1.34
	Home Children	65	96.9	29.1	65.0	8.58	1.46
	Day Care Children	59	100.0	26.8	46.1	12.3	1.15
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	28.8	--	--	--	--
	Urban	104	29.8	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	36.8	--	--	--	--
	Mid/High Income	64	20.3	--	--	--	--
	Home Children	65	16.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	96.7	4.81	7.44	1.71	1.51
	Urban	99	97.0	4.51	7.70	1.53	1.50
	Rural	21	95.2	6.22	6.06	2.94	1.49
	Low Income	52	100.0	4.43	6.04	1.74	1.48
	Mid/High Income	64	93.8	5.15	8.55	1.67	1.56
	Home Children	66	93.9	4.03	6.63	1.40	1.50
	Day Care Children	54	100.0	5.75	8.29	2.20	1.49
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	98.4	68.3	138	24.8	1.33
	Urban	103	98.1	62.9	137	23.0	1.29
	Rural	21	100.0	94.8	144	36.0	1.46
	Low Income	55	100.0	71.4	124	31.0	1.19
	Mid/High Income	65	98.5	54.5	102	20.7	1.34
	Home Children	65	96.9	70.9	159	20.9	1.46
	Day Care Children	59	100.0	65.4	112	30.0	1.15
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	28.8	--	--	--	--
	Urban	104	29.8	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	36.8	--	--	--	--
	Mid/High Income	64	20.3	--	--	--	--
	Home Children	65	16.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	96.7	11.7	18.2	4.18	1.51
	Urban	99	97.0	11.0	18.8	3.73	1.50
	Rural	21	95.2	15.2	14.8	7.18	1.49
	Low Income	52	100.0	10.8	14.7	4.25	1.48
	Mid/High Income	64	93.8	12.6	20.9	4.07	1.56
	Home Children	66	93.9	9.85	16.2	3.41	1.50
	Day Care Children	54	100.0	14.0	20.2	5.37	1.49

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-9b. *alpha*-Chlordane (5103-71-9) : Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	3.80	8.30	23.5	153	402
	Urban	103	<MDL	3.74	7.74	18.9	84.9	402
	Rural	21	1.76	4.70	15.0	41.5	173	221
	Low Income	55	1.90	5.34	11.0	24.0	172	227
	Mid/High Income	65	<MDL	2.99	6.14	21.5	79.6	264
	Home Children	65	<MDL	2.90	4.79	23.6	84.9	402
	Day Care Children	59	1.96	5.34	11.3	23.4	172	227
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	39.6	68.7	247
	Urban	104	<MDL	<MDL	<MDL	39.6	68.7	247
	Rural	21	<MDL	<MDL	<MDL	<MDL	56.3	89.3
	Low Income	57	<MDL	<MDL	<MDL	41.1	89.3	199
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	56.3	247
	Home Children	65	<MDL	<MDL	<MDL	<MDL	51.1	89.3
	Day Care Children	60	<MDL	<MDL	<MDL	43.5	163	247
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	0.484	1.60	6.22	22.1	37.0
	Urban	99	<MDL	0.470	1.41	4.52	26.5	37.0
	Rural	21	<MDL	0.629	5.57	9.53	16.1	22.4
	Low Income	52	0.120	0.480	1.57	6.62	20.8	26.5
	Mid/High Income	64	<MDL	0.483	1.64	5.74	29.8	37.0
	Home Children	66	<MDL	0.476	1.18	4.52	18.7	33.5
	Day Care Children	54	0.159	0.686	2.27	7.95	26.5	37.0
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	9.28	20.3	57.4	373	981
	Urban	103	<MDL	9.13	18.9	46.2	207	981
	Rural	21	4.31	11.5	36.6	101	422	538
	Low Income	55	4.65	13.0	26.9	58.7	420	553
	Mid/High Income	65	<MDL	7.30	15.0	52.4	194	644
	Home Children	65	<MDL	7.09	11.7	57.6	207	981
	Day Care Children	59	4.78	13.0	27.7	57.1	420	553
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	96.7	168	603
	Urban	104	<MDL	<MDL	<MDL	96.6	168	603
	Rural	21	<MDL	<MDL	<MDL	<MDL	137	218
	Low Income	57	<MDL	<MDL	<MDL	100	218	486
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	137	603
	Home Children	65	<MDL	<MDL	<MDL	<MDL	125	218
	Day Care Children	60	<MDL	<MDL	<MDL	106	399	603
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	1.18	3.89	15.2	53.8	90.2
	Urban	99	<MDL	1.15	3.44	11.0	64.8	90.2
	Rural	21	<MDL	1.53	13.6	23.3	39.4	54.8
	Low Income	52	0.292	1.17	3.82	16.1	50.9	64.8
	Mid/High Income	64	<MDL	1.18	4.00	14.0	72.6	90.2
	Home Children	66	<MDL	1.16	2.87	11.0	45.6	81.8
	Day Care Children	54	0.388	1.67	5.53	19.4	64.8	90.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-9c. *alpha*-Chlordane (5103-71-9) : Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	98.4	0.822	1.53	0.304	1.34
	Urban	103	98.1	0.766	1.49	0.285	1.32
	Rural	21	100.0	1.10	1.70	0.415	1.45
	Low Income	55	100.0	0.845	1.42	0.364	1.21
	Mid/High Income	65	98.5	0.735	1.43	0.265	1.38
	Home Children	65	96.9	0.866	1.68	0.272	1.47
	Day Care Children	59	100.0	0.774	1.35	0.342	1.19
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	28.8	--	--	--	--
	Urban	104	29.8	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	36.8	--	--	--	--
	Mid/High Income	64	20.3	--	--	--	--
	Home Children	65	16.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	96.7	0.145	0.227	0.051	1.54
	Urban	99	97.0	0.138	0.237	0.046	1.54
	Rural	21	95.2	0.179	0.174	0.083	1.52
	Low Income	52	100.0	0.122	0.159	0.049	1.48
	Mid/High Income	64	93.8	0.167	0.274	0.052	1.63
	Home Children	66	93.9	0.130	0.199	0.044	1.56
	Day Care Children	54	100.0	0.164	0.259	0.061	1.52
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	98.4	2.01	3.73	0.741	1.34
	Urban	103	98.1	1.87	3.64	0.696	1.32
	Rural	21	100.0	2.68	4.14	1.01	1.45
	Low Income	55	100.0	2.06	3.47	0.888	1.21
	Mid/High Income	65	98.5	1.79	3.49	0.646	1.38
	Home Children	65	96.9	2.11	4.11	0.665	1.47
	Day Care Children	59	100.0	1.89	3.29	0.835	1.19
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	28.8	--	--	--	--
	Urban	104	29.8	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	36.8	--	--	--	--
	Mid/High Income	64	20.3	--	--	--	--
	Home Children	65	16.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	96.7	0.354	0.554	0.125	1.54
	Urban	99	97.0	0.336	0.579	0.113	1.54
	Rural	21	95.2	0.438	0.424	0.202	1.52
	Low Income	52	100.0	0.298	0.389	0.120	1.48
	Mid/High Income	64	93.8	0.408	0.670	0.128	1.63
	Home Children	66	93.9	0.317	0.484	0.108	1.56
	Day Care Children	54	100.0	0.400	0.631	0.149	1.52

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-9d. *alpha*-Chlordane (5103-71-9) : Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.109	0.237	0.738	3.83	9.37
	Urban	103	<MDL	0.108	0.233	0.580	3.22	9.37
	Rural	21	0.061	0.123	0.384	1.20	5.61	5.93
	Low Income	55	0.050	0.159	0.299	0.832	5.57	6.24
	Mid/High Income	65	<MDL	0.096	0.223	0.709	2.28	9.37
	Home Children	65	<MDL	0.084	0.171	0.978	3.22	9.37
	Day Care Children	59	0.036	0.159	0.312	0.580	5.57	6.24
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	1.19	1.89	10.1
	Urban	104	<MDL	<MDL	<MDL	1.22	1.89	10.1
	Rural	21	<MDL	<MDL	<MDL	<MDL	1.82	2.40
	Low Income	57	<MDL	<MDL	<MDL	1.23	2.40	6.83
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	1.58	10.1
	Home Children	65	<MDL	<MDL	<MDL	<MDL	1.46	2.40
	Day Care Children	60	<MDL	<MDL	<MDL	1.31	3.30	10.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	0.015	0.048	0.200	0.641	1.51
	Urban	99	<MDL	0.014	0.042	0.160	0.731	1.51
	Rural	21	<MDL	0.023	0.175	0.286	0.468	0.618
	Low Income	52	0.004	0.014	0.050	0.200	0.468	0.731
	Mid/High Income	64	<MDL	0.015	0.044	0.204	0.773	1.51
	Home Children	66	<MDL	0.014	0.035	0.167	0.582	0.923
	Day Care Children	54	0.003	0.022	0.063	0.239	0.731	1.51
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.265	0.579	1.80	9.34	22.9
	Urban	103	<MDL	0.264	0.568	1.42	7.87	22.9
	Rural	21	0.149	0.300	0.937	2.93	13.7	14.5
	Low Income	55	0.122	0.388	0.728	2.03	13.6	15.2
	Mid/High Income	65	<MDL	0.233	0.544	1.73	5.56	22.9
	Home Children	65	<MDL	0.205	0.418	2.39	7.87	22.9
	Day Care Children	59	0.087	0.388	0.761	1.42	13.6	15.2
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	2.91	4.60	24.6
	Urban	104	<MDL	<MDL	<MDL	2.97	4.60	24.6
	Rural	21	<MDL	<MDL	<MDL	<MDL	4.45	5.85
	Low Income	57	<MDL	<MDL	<MDL	3.01	5.85	16.7
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	3.86	24.6
	Home Children	65	<MDL	<MDL	<MDL	<MDL	3.56	5.85
	Day Care Children	60	<MDL	<MDL	<MDL	3.20	8.05	24.6
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	0.037	0.117	0.487	1.56	3.68
	Urban	99	<MDL	0.035	0.102	0.390	1.78	3.68
	Rural	21	<MDL	0.056	0.428	0.697	1.14	1.51
	Low Income	52	0.009	0.035	0.123	0.487	1.14	1.78
	Mid/High Income	64	<MDL	0.036	0.107	0.497	1.89	3.68
	Home Children	66	<MDL	0.035	0.086	0.408	1.42	2.25
	Day Care Children	54	0.008	0.053	0.154	0.582	1.78	3.68

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-10a. *gamma*-Chlordane (5103-74-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	100.0	50.3	94.7	18.2	1.38
	Urban	103	100.0	44.5	88.4	16.7	1.34
	Rural	21	100.0	78.7	119	27.7	1.55
	Low Income	55	100.0	56.3	93.5	23.2	1.28
	Mid/High Income	65	100.0	37.6	58.5	14.9	1.38
	Home Children	65	100.0	52.4	112	15.1	1.52
	Day Care Children	59	100.0	48.0	72.5	22.3	1.19
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	21.6	--	--	--	--
	Urban	104	21.2	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	28.1	--	--	--	--
	Mid/High Income	64	14.1	--	--	--	--
	Home Children	65	15.4	--	--	--	--
	Day Care Children	60	28.3	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	98.3	7.05	10.3	2.54	1.53
	Urban	98	99.0	6.32	10.1	2.24	1.50
	Rural	21	95.2	10.5	10.9	4.50	1.58
	Low Income	51	100.0	7.30	10.1	2.62	1.56
	Mid/High Income	64	96.9	6.90	10.7	2.44	1.54
	Home Children	65	96.9	6.23	10.2	2.05	1.56
	Day Care Children	54	100.0	8.04	10.5	3.27	1.48
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	100.0	123	231	44.4	1.38
	Urban	103	100.0	109	216	40.7	1.34
	Rural	21	100.0	192	292	67.7	1.55
	Low Income	55	100.0	137	228	56.7	1.28
	Mid/High Income	65	100.0	91.9	143	36.5	1.38
	Home Children	65	100.0	128	272	36.9	1.52
	Day Care Children	59	100.0	117	177	54.4	1.19
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	21.6	--	--	--	--
	Urban	104	21.2	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	28.1	--	--	--	--
	Mid/High Income	64	14.1	--	--	--	--
	Home Children	65	15.4	--	--	--	--
	Day Care Children	60	28.3	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	98.3	17.2	25.2	6.19	1.53
	Urban	98	99.0	15.4	24.6	5.48	1.50
	Rural	21	95.2	25.6	26.7	11.0	1.58
	Low Income	51	100.0	17.8	24.7	6.40	1.56
	Mid/High Income	64	96.9	16.8	26.1	5.96	1.54
	Home Children	65	96.9	15.2	24.8	5.01	1.56
	Day Care Children	54	100.0	19.6	25.7	7.99	1.48

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-10b. *gamma*-Chlordane (5103-74-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	1.00	6.15	12.7	55.4	225	678
	Urban	103	1.00	6.00	12.2	46.4	173	678
	Rural	21	3.29	8.31	20.8	101	257	495
	Low Income	55	3.10	9.17	18.3	59.6	281	495
	Mid/High Income	65	1.00	5.10	11.7	48.4	141	341
	Home Children	65	1.00	4.22	9.41	66.4	161	678
	Day Care Children	59	3.41	9.30	19.7	46.9	257	337
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	74.6	224
	Urban	104	<MDL	<MDL	<MDL	<MDL	72.7	224
	Rural	21	<MDL	<MDL	<MDL	<MDL	79.8	148
	Low Income	57	<MDL	<MDL	<MDL	41.9	148	224
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	51.1	212
	Home Children	65	<MDL	<MDL	<MDL	<MDL	51.1	148
	Day Care Children	60	<MDL	<MDL	<MDL	43.1	171	224
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	0.709	2.69	8.33	32.0	55.3
	Urban	98	<MDL	0.686	2.18	6.79	32.0	55.3
	Rural	21	<MDL	0.925	7.00	17.3	29.1	38.2
	Low Income	51	0.154	0.709	2.30	9.88	30.8	39.8
	Mid/High Income	64	<MDL	0.681	2.98	7.31	32.0	55.3
	Home Children	65	<MDL	0.659	1.41	6.81	22.0	55.3
	Day Care Children	54	0.223	0.956	3.43	9.88	32.5	41.9
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	2.44	15.0	31.0	135	549	1,650
	Urban	103	2.44	14.7	29.8	113	423	1,650
	Rural	21	8.03	20.3	50.8	247	627	1,210
	Low Income	55	7.57	22.4	44.8	145	687	1,210
	Mid/High Income	65	2.44	12.4	28.5	118	344	832
	Home Children	65	2.44	10.3	23.0	162	393	1,650
	Day Care Children	59	8.33	22.7	48.1	114	627	823
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	182	546
	Urban	104	<MDL	<MDL	<MDL	<MDL	177	546
	Rural	21	<MDL	<MDL	<MDL	<MDL	195	360
	Low Income	57	<MDL	<MDL	<MDL	102	360	546
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	125	517
	Home Children	65	<MDL	<MDL	<MDL	<MDL	125	360
	Day Care Children	60	<MDL	<MDL	<MDL	105	418	546
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	1.73	6.56	20.3	78.1	135
	Urban	98	<MDL	1.67	5.33	16.6	78.1	135
	Rural	21	<MDL	2.26	17.1	42.2	71.0	93.2
	Low Income	51	0.377	1.73	5.62	24.1	75.1	97.0
	Mid/High Income	64	<MDL	1.66	7.28	17.8	78.1	135
	Home Children	65	<MDL	1.61	3.44	16.6	53.6	135
	Day Care Children	54	0.545	2.33	8.38	24.1	79.3	102

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-10c. *gamma*-Chlordane (5103-74-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	100.0	1.48	2.51	0.543	1.39
	Urban	103	100.0	1.33	2.32	0.504	1.36
	Rural	21	100.0	2.19	3.28	0.779	1.53
	Low Income	55	100.0	1.63	2.67	0.665	1.29
	Mid/High Income	65	100.0	1.24	1.99	0.466	1.42
	Home Children	65	100.0	1.56	2.80	0.480	1.52
	Day Care Children	59	100.0	1.39	2.16	0.621	1.24
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	21.6	--	--	--	--
	Urban	104	21.2	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	28.1	--	--	--	--
	Mid/High Income	64	14.1	--	--	--	--
	Home Children	65	15.4	--	--	--	--
	Day Care Children	60	28.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	98.3	0.213	0.312	0.076	1.56
	Urban	98	99.0	0.195	0.311	0.068	1.54
	Rural	21	95.2	0.297	0.312	0.126	1.59
	Low Income	51	100.0	0.202	0.277	0.074	1.55
	Mid/High Income	64	96.9	0.226	0.346	0.077	1.61
	Home Children	65	96.9	0.201	0.307	0.065	1.60
	Day Care Children	54	100.0	0.227	0.321	0.091	1.50
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	100.0	3.60	6.12	1.32	1.39
	Urban	103	100.0	3.25	5.65	1.23	1.36
	Rural	21	100.0	5.34	7.99	1.90	1.53
	Low Income	55	100.0	3.97	6.51	1.62	1.29
	Mid/High Income	65	100.0	3.02	4.87	1.14	1.42
	Home Children	65	100.0	3.80	6.84	1.17	1.52
	Day Care Children	59	100.0	3.38	5.26	1.52	1.24
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	21.6	--	--	--	--
	Urban	104	21.2	--	--	--	--
	Rural	21	23.8	--	--	--	--
	Low Income	57	28.1	--	--	--	--
	Mid/High Income	64	14.1	--	--	--	--
	Home Children	65	15.4	--	--	--	--
	Day Care Children	60	28.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	98.3	0.520	0.762	0.185	1.56
	Urban	98	99.0	0.476	0.758	0.165	1.54
	Rural	21	95.2	0.725	0.760	0.308	1.59
	Low Income	51	100.0	0.494	0.675	0.180	1.55
	Mid/High Income	64	96.9	0.552	0.845	0.188	1.61
	Home Children	65	96.9	0.491	0.749	0.159	1.60
	Day Care Children	54	100.0	0.554	0.783	0.221	1.50

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-10d. *gamma*-Chlordane (5103-74-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	0.041	0.188	0.422	1.61	6.43	13.3
	Urban	103	0.041	0.185	0.403	1.43	4.68	12.7
	Rural	21	0.102	0.247	0.533	3.10	7.29	13.3
	Low Income	55	0.081	0.251	0.493	1.43	7.75	13.3
	Mid/High Income	65	0.041	0.158	0.345	1.76	4.43	12.1
	Home Children	65	0.041	0.134	0.338	2.32	4.68	13.3
	Day Care Children	59	0.060	0.256	0.517	1.43	7.29	10.9
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	2.59	8.64
	Urban	104	<MDL	<MDL	<MDL	<MDL	2.34	8.64
	Rural	21	<MDL	<MDL	<MDL	<MDL	2.59	3.96
	Low Income	57	<MDL	<MDL	<MDL	1.10	3.96	7.02
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	1.46	8.64
	Home Children	65	<MDL	<MDL	<MDL	<MDL	1.37	3.96
	Day Care Children	60	<MDL	<MDL	<MDL	1.24	3.64	8.64
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	0.021	0.083	0.286	0.843	1.71
	Urban	98	<MDL	0.021	0.056	0.214	0.842	1.71
	Rural	21	<MDL	0.027	0.240	0.453	0.843	1.11
	Low Income	51	0.005	0.021	0.058	0.310	0.843	1.11
	Mid/High Income	64	<MDL	0.021	0.087	0.263	0.842	1.71
	Home Children	65	<MDL	0.021	0.045	0.217	0.842	1.56
	Day Care Children	54	0.005	0.033	0.102	0.297	0.843	1.71
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	0.100	0.459	1.03	3.92	15.7	32.5
	Urban	103	0.100	0.451	0.983	3.48	11.4	30.9
	Rural	21	0.248	0.602	1.30	7.56	17.8	32.5
	Low Income	55	0.199	0.613	1.20	3.50	18.9	32.5
	Mid/High Income	65	0.100	0.386	0.843	4.29	10.8	29.6
	Home Children	65	0.100	0.328	0.826	5.66	11.4	32.5
	Day Care Children	59	0.148	0.625	1.26	3.48	17.8	26.6
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	6.31	21.1
	Urban	104	<MDL	<MDL	<MDL	<MDL	5.71	21.1
	Rural	21	<MDL	<MDL	<MDL	<MDL	6.31	9.67
	Low Income	57	<MDL	<MDL	<MDL	2.69	9.67	17.1
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	3.56	21.1
	Home Children	65	<MDL	<MDL	<MDL	<MDL	3.34	9.67
	Day Care Children	60	<MDL	<MDL	<MDL	3.03	8.89	21.1
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	0.052	0.201	0.697	2.06	4.17
	Urban	98	<MDL	0.051	0.136	0.523	2.05	4.17
	Rural	21	<MDL	0.065	0.586	1.11	2.06	2.70
	Low Income	51	0.012	0.051	0.140	0.755	2.06	2.70
	Mid/High Income	64	<MDL	0.051	0.212	0.641	2.05	4.17
	Home Children	65	<MDL	0.051	0.111	0.530	2.05	3.81
	Day Care Children	54	0.012	0.082	0.250	0.725	2.06	4.17

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-11a. Chlorpyrifos (2921-88-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	100.0	121	216	56.0	1.18
	Urban	103	100.0	120	227	54.1	1.17
	Rural	21	100.0	124	156	66.3	1.23
	Low Income	55	100.0	135	241	65.5	1.17
	Mid/High Income	65	100.0	111	201	48.7	1.20
	Home Children	65	100.0	109	191	46.3	1.26
	Day Care Children	59	100.0	134	242	69.2	1.05
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	78.4	209	676	85.3	1.15
	Urban	104	80.8	229	740	87.5	1.19
	Rural	21	66.7	108	82.9	75.3	0.944
	Low Income	57	82.5	275	963	98.2	1.16
	Mid/High Income	64	75.0	159	261	77.2	1.15
	Home Children	65	70.8	268	926	74.8	1.33
	Day Care Children	60	86.7	145	149	98.4	0.902
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	15.5	29.0	6.23	1.30
	Urban	97	100.0	13.4	21.4	5.96	1.24
	Rural	20	100.0	25.5	51.9	7.78	1.58
	Low Income	51	100.0	19.4	36.9	6.96	1.42
	Mid/High Income	62	100.0	12.4	21.4	5.48	1.22
	Home Children	65	100.0	13.8	23.6	5.46	1.29
	Day Care Children	52	100.0	17.7	34.7	7.36	1.31
Potential Exposure – Aggregated (ng/day)	Overall	109	100.0	359	801	174	1.06
	Urban	89	100.0	381	878	172	1.10
	Rural	20	100.0	264	250	183	0.883
	Low Income	45	100.0	483	1,150	211	1.13
	Mid/High Income	60	100.0	279	409	152	1.03
	Home Children	63	100.0	398	1,010	156	1.18
	Day Care Children	46	100.0	305	343	203	0.863
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	100.0	345	617	160	1.18
	Urban	103	100.0	343	649	154	1.17
	Rural	21	100.0	354	445	189	1.23
	Low Income	55	100.0	384	688	187	1.17
	Mid/High Income	65	100.0	318	574	139	1.20
	Home Children	65	100.0	311	546	132	1.26
	Day Care Children	59	100.0	382	691	197	1.05
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	78.4	596	1,930	243	1.15
	Urban	104	80.8	654	2,110	250	1.19
	Rural	21	66.7	309	236	215	0.944
	Low Income	57	82.5	786	2,750	280	1.16
	Mid/High Income	64	75.0	453	745	220	1.15
	Home Children	65	70.8	765	2,640	213	1.33
	Day Care Children	60	86.7	414	426	281	0.902
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	44.2	82.7	17.8	1.30
	Urban	97	100.0	38.3	61.0	17.0	1.24
	Rural	20	100.0	72.7	148	22.2	1.58
	Low Income	51	100.0	55.4	105	19.8	1.42
	Mid/High Income	62	100.0	35.5	60.9	15.6	1.22
	Home Children	65	100.0	39.3	67.4	15.6	1.29
	Day Care Children	52	100.0	50.4	98.9	21.0	1.31
Potential Exposure – Aggregated (pmoles/day)	Overall	109	100.0	1,020	2,280	497	1.06
	Urban	89	100.0	1,090	2,500	492	1.10
	Rural	20	100.0	753	713	522	0.883
	Low Income	45	100.0	1,380	3,280	601	1.13
	Mid/High Income	60	100.0	797	1,170	434	1.03
	Home Children	63	100.0	1,140	2,890	445	1.18
	Day Care Children	46	100.0	871	980	578	0.863

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-11b. Chlorpyrifos (2921-88-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	2.57	22.6	47.2	108	403	1,640
	Urban	103	3.47	22.6	44.2	105	397	1,640
	Rural	21	2.57	43.9	65.0	127	522	567
	Low Income	55	2.57	34.4	60.9	131	522	1,640
	Mid/High Income	65	3.47	21.6	38.7	92.7	403	1,250
	Home Children	65	2.57	19.2	39.7	93.5	403	1,250
	Day Care Children	59	6.23	35.9	59.9	131	575	1,640
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	33.0	81.1	187	644	7,300
	Urban	104	<MDL	32.2	78.3	192	751	7,300
	Rural	21	<MDL	<MDL	106	164	244	265
	Low Income	57	<MDL	41.5	92.4	202	751	7,300
	Mid/High Income	64	<MDL	<MDL	75.1	178	644	1,620
	Home Children	65	<MDL	<MDL	75.0	161	906	7,300
	Day Care Children	60	<MDL	53.1	104	204	362	979
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.286	2.80	5.16	14.8	80.4	233
	Urban	97	0.286	2.82	4.98	12.7	80.4	96.5
	Rural	20	0.773	2.09	7.12	25.6	145	233
	Low Income	51	0.692	2.43	6.21	23.9	74.8	233
	Mid/High Income	62	0.286	2.82	4.96	9.56	80.4	94.1
	Home Children	65	0.623	2.38	4.48	10.4	85.9	96.5
	Day Care Children	52	0.286	3.19	6.75	19.7	57.6	233
Potential Exposure – Aggregated (ng/day)	Overall	109	23.2	78.9	152	295	1,180	7,630
	Urban	89	23.2	78.1	133	315	1,400	7,630
	Rural	20	27.2	119	179	249	822	847
	Low Income	45	27.2	104	187	404	1,180	7,630
	Mid/High Income	60	23.2	72.1	120	264	1,170	2,240
	Home Children	63	23.2	68.9	123	266	1,400	7,630
	Day Care Children	46	54.0	104	177	315	938	1,830
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	7.34	64.6	135	309	1,150	4,680
	Urban	103	9.91	64.4	126	301	1,130	4,680
	Rural	21	7.34	125	186	361	1,490	1,620
	Low Income	55	7.34	98.1	174	372	1,490	4,680
	Mid/High Income	65	9.91	61.7	110	265	1,150	3,570
	Home Children	65	7.34	54.7	113	267	1,150	3,570
	Day Care Children	59	17.8	102	171	372	1,640	4,680
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	94.2	231	534	1,840	20,800
	Urban	104	<MDL	91.7	223	547	2,140	20,800
	Rural	21	<MDL	<MDL	302	468	695	757
	Low Income	57	<MDL	118	263	575	2,140	20,800
	Mid/High Income	64	<MDL	<MDL	214	507	1,840	4,610
	Home Children	65	<MDL	<MDL	214	459	2,580	20,800
	Day Care Children	60	<MDL	151	296	581	1,030	2,790
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	0.816	7.99	14.7	42.2	229	665
	Urban	97	0.816	8.03	14.2	36.3	229	275
	Rural	20	2.21	5.97	20.3	72.9	415	665
	Low Income	51	1.97	6.94	17.7	68.3	213	665
	Mid/High Income	62	0.816	8.03	14.2	27.3	229	268
	Home Children	65	1.78	6.79	12.8	29.6	245	275
	Day Care Children	52	0.816	9.10	19.2	56.3	164	665
Potential Exposure – Aggregated (pmoles/day)	Overall	109	66.2	225	433	841	3,360	21,800
	Urban	89	66.2	223	380	898	3,990	21,800
	Rural	20	77.5	341	512	710	2,350	2,420
	Low Income	45	77.5	297	534	1,150	3,360	21,800
	Mid/High Income	60	66.2	206	343	754	3,330	6,400
	Home Children	63	66.2	197	350	758	3,990	21,800
	Day Care Children	46	154	297	505	898	2,680	5,220

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-11c. Chlorpyrifos (2921-88-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	100.0	3.61	6.65	1.67	1.17
	Urban	103	100.0	3.68	7.11	1.64	1.17
	Rural	21	100.0	3.25	3.75	1.86	1.19
	Low Income	55	100.0	3.89	7.50	1.88	1.16
	Mid/High Income	65	100.0	3.46	6.11	1.52	1.21
	Home Children	65	100.0	3.25	5.43	1.47	1.23
	Day Care Children	59	100.0	4.00	7.81	1.93	1.10
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	78.4	6.14	20.0	2.54	1.13
	Urban	104	80.8	6.78	21.9	2.64	1.18
	Rural	21	66.7	2.95	2.24	2.11	0.889
	Low Income	57	82.5	7.97	28.6	2.79	1.17
	Mid/High Income	64	75.0	4.78	7.45	2.42	1.11
	Home Children	65	70.8	8.00	27.5	2.37	1.30
	Day Care Children	60	86.7	4.12	4.30	2.74	0.927
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.456	0.798	0.186	1.31
	Urban	97	100.0	0.409	0.646	0.180	1.26
	Rural	20	100.0	0.683	1.31	0.217	1.57
	Low Income	51	100.0	0.528	0.946	0.196	1.42
	Mid/High Income	62	100.0	0.403	0.683	0.173	1.25
	Home Children	65	100.0	0.426	0.709	0.173	1.30
	Day Care Children	52	100.0	0.494	0.902	0.203	1.34
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	100.0	10.6	23.8	5.18	1.05
	Urban	89	100.0	11.4	26.1	5.20	1.10
	Rural	20	100.0	7.02	6.07	5.12	0.833
	Low Income	45	100.0	13.9	34.3	5.89	1.14
	Mid/High Income	60	100.0	8.57	11.9	4.77	1.01
	Home Children	63	100.0	11.9	29.9	4.96	1.14
	Day Care Children	46	100.0	8.81	10.8	5.50	0.929
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	100.0	10.3	19.0	4.77	1.17
	Urban	103	100.0	10.5	20.3	4.67	1.17
	Rural	21	100.0	9.27	10.7	5.31	1.19
	Low Income	55	100.0	11.1	21.4	5.35	1.16
	Mid/High Income	65	100.0	9.88	17.4	4.33	1.21
	Home Children	65	100.0	9.28	15.5	4.19	1.23
	Day Care Children	59	100.0	11.4	22.3	5.50	1.10
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	78.4	17.5	57.2	7.25	1.13
	Urban	104	80.8	19.3	62.5	7.53	1.18
	Rural	21	66.7	8.41	6.38	6.03	0.889
	Low Income	57	82.5	22.7	81.7	7.97	1.17
	Mid/High Income	64	75.0	13.6	21.2	6.90	1.11
	Home Children	65	70.8	22.8	78.3	6.76	1.30
	Day Care Children	60	86.7	11.8	12.3	7.82	0.927
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	1.30	2.28	0.530	1.31
	Urban	97	100.0	1.17	1.84	0.513	1.26
	Rural	20	100.0	1.95	3.73	0.620	1.57
	Low Income	51	100.0	1.51	2.70	0.558	1.42
	Mid/High Income	62	100.0	1.15	1.95	0.494	1.25
	Home Children	65	100.0	1.21	2.02	0.493	1.30
	Day Care Children	52	100.0	1.41	2.57	0.580	1.34
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	100.0	30.2	67.8	14.8	1.05
	Urban	89	100.0	32.5	74.5	14.8	1.10
	Rural	20	100.0	20.0	17.3	14.6	0.833
	Low Income	45	100.0	39.6	97.7	16.8	1.14
	Mid/High Income	60	100.0	24.5	34.1	13.6	1.01
	Home Children	63	100.0	34.0	85.3	14.1	1.14
	Day Care Children	46	100.0	25.1	30.7	15.7	0.929

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-11d. Chlorpyrifos (2921-88-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	0.064	0.753	1.42	3.63	11.2	53.1
	Urban	103	0.142	0.739	1.32	3.94	11.2	53.1
	Rural	21	0.064	0.805	1.94	3.48	10.7	15.2
	Low Income	55	0.064	0.805	1.57	3.99	11.0	53.1
	Mid/High Income	65	0.142	0.745	1.24	3.34	12.7	36.2
	Home Children	65	0.064	0.707	1.25	3.19	11.2	36.2
	Day Care Children	59	0.146	0.906	1.57	3.99	17.1	53.1
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	1.01	2.50	5.33	20.2	217
	Urban	104	<MDL	1.01	2.47	5.73	24.4	217
	Rural	21	<MDL	<MDL	2.68	4.30	6.78	7.13
	Low Income	57	<MDL	1.33	2.73	5.64	20.2	217
	Mid/High Income	64	<MDL	<MDL	2.40	5.57	24.4	43.4
	Home Children	65	<MDL	<MDL	2.31	4.57	26.3	217
	Day Care Children	60	<MDL	1.29	2.85	5.80	10.7	27.7
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.008	0.079	0.156	0.443	2.39	5.84
	Urban	97	0.008	0.084	0.156	0.342	2.39	3.05
	Rural	20	0.021	0.060	0.210	0.789	3.75	5.84
	Low Income	51	0.021	0.074	0.162	0.619	2.01	5.84
	Mid/High Income	62	0.008	0.081	0.147	0.293	2.39	3.05
	Home Children	65	0.019	0.078	0.150	0.340	2.50	3.05
	Day Care Children	52	0.008	0.084	0.168	0.548	1.67	5.84
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	0.680	2.49	4.59	8.84	31.7	227
	Urban	89	0.947	2.29	4.10	9.29	39.5	227
	Rural	20	0.680	2.83	4.86	7.75	21.4	22.8
	Low Income	45	0.680	2.84	4.91	11.3	31.7	227
	Mid/High Income	60	0.947	2.17	4.16	8.67	34.7	65.0
	Home Children	63	0.680	2.17	4.04	8.84	39.5	227
	Day Care Children	46	1.02	2.66	4.82	9.29	29.9	59.3
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	0.184	2.15	4.05	10.3	32.0	151
	Urban	103	0.404	2.11	3.76	11.2	32.0	151
	Rural	21	0.184	2.30	5.52	9.94	30.4	43.4
	Low Income	55	0.184	2.30	4.48	11.4	31.3	151
	Mid/High Income	65	0.404	2.13	3.53	9.53	36.2	103
	Home Children	65	0.184	2.02	3.56	9.10	32.0	103
	Day Care Children	59	0.416	2.59	4.48	11.4	48.8	151
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	2.88	7.12	15.2	57.6	620
	Urban	104	<MDL	2.88	7.04	16.3	69.7	620
	Rural	21	<MDL	<MDL	7.64	12.3	19.3	20.3
	Low Income	57	<MDL	3.80	7.78	16.1	57.6	620
	Mid/High Income	64	<MDL	<MDL	6.85	15.9	69.7	124
	Home Children	65	<MDL	<MDL	6.58	13.0	74.9	620
	Day Care Children	60	<MDL	3.69	8.13	16.5	30.6	78.9
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.022	0.225	0.446	1.26	6.83	16.7
	Urban	97	0.022	0.240	0.445	0.976	6.83	8.70
	Rural	20	0.059	0.171	0.600	2.25	10.7	16.7
	Low Income	51	0.059	0.212	0.463	1.77	5.73	16.7
	Mid/High Income	62	0.022	0.232	0.420	0.837	6.83	8.70
	Home Children	65	0.055	0.222	0.429	0.968	7.14	8.70
	Day Care Children	52	0.022	0.240	0.479	1.56	4.76	16.7
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	1.94	7.09	13.1	25.2	90.3	648
	Urban	89	2.70	6.52	11.7	26.5	113	648
	Rural	20	1.94	8.07	13.9	22.1	60.9	64.9
	Low Income	45	1.94	8.11	14.0	32.2	90.3	648
	Mid/High Income	60	2.70	6.20	11.9	24.7	98.9	185
	Home Children	63	1.94	6.20	11.5	25.2	113	648
	Day Care Children	46	2.91	7.60	13.8	26.5	85.2	169

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-12a. Chrysene (218-01-9): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	87.1	1.67	2.04	1.14	0.792
	Urban	103	89.3	1.71	1.96	1.18	0.789
	Rural	21	76.2	1.49	2.46	0.937	0.795
	Low Income	55	92.7	1.99	2.08	1.39	0.807
	Mid/High Income	65	81.5	1.39	2.00	0.957	0.735
	Home Children	65	80.0	1.80	2.53	1.12	0.872
	Day Care Children	59	94.9	1.52	1.31	1.16	0.700
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	44.5	--	--	--	--
	Urban	107	43.0	--	--	--	--
	Rural	21	52.4	46.5	28.7	39.4	0.594
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	43.9	--	--	--	--
	Home Children	66	45.5	--	--	--	--
	Day Care Children	62	43.5	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	30.2	81.1	9.49	1.29
	Urban	95	100.0	24.9	58.7	9.56	1.21
	Rural	21	100.0	54.2	145	9.18	1.63
	Low Income	52	100.0	17.6	30.8	8.39	1.17
	Mid/High Income	60	100.0	42.8	108	11.1	1.39
	Home Children	62	100.0	17.0	34.1	7.50	1.15
	Day Care Children	54	100.0	45.4	112	12.4	1.39
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	87.1	7.31	8.94	4.98	0.792
	Urban	103	89.3	7.47	8.57	5.18	0.789
	Rural	21	76.2	6.54	10.8	4.11	0.795
	Low Income	55	92.7	8.71	9.12	6.07	0.807
	Mid/High Income	65	81.5	6.08	8.75	4.19	0.735
	Home Children	65	80.0	7.89	11.1	4.89	0.872
	Day Care Children	59	94.9	6.67	5.76	5.08	0.700
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	44.5	--	--	--	--
	Urban	107	43.0	--	--	--	--
	Rural	21	52.4	204	126	173	0.594
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	43.9	--	--	--	--
	Home Children	66	45.5	--	--	--	--
	Day Care Children	62	43.5	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	132	355	41.6	1.29
	Urban	95	100.0	109	257	41.9	1.21
	Rural	21	100.0	237	633	40.2	1.63
	Low Income	52	100.0	77.0	135	36.8	1.17
	Mid/High Income	60	100.0	187	473	48.5	1.39
	Home Children	62	100.0	74.6	149	32.9	1.15
	Day Care Children	54	100.0	199	490	54.5	1.39

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-12b. Chrysene (218-01-9): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	0.579	0.847	1.95	4.70	15.2
	Urban	103	<MDL	0.599	0.924	1.99	4.70	15.2
	Rural	21	<MDL	0.528	0.719	1.34	2.80	11.8
	Low Income	55	<MDL	0.719	1.23	2.28	6.30	11.8
	Mid/High Income	65	<MDL	0.566	0.647	1.67	3.79	15.2
	Home Children	65	<MDL	0.559	0.776	1.99	6.30	15.2
	Day Care Children	59	<MDL	0.634	0.924	1.72	4.58	6.04
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	42.0	90.5	198
	Urban	107	<MDL	<MDL	<MDL	41.1	71.2	198
	Rural	21	<MDL	<MDL	39.2	53.6	92.1	128
	Low Income	58	<MDL	<MDL	<MDL	42.0	90.5	198
	Mid/High Income	66	<MDL	<MDL	<MDL	41.0	92.1	192
	Home Children	66	<MDL	<MDL	<MDL	34.4	82.5	121
	Day Care Children	62	<MDL	<MDL	<MDL	44.1	92.1	198
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.739	4.23	7.53	18.3	190	638
	Urban	95	0.739	4.51	7.99	19.1	127	441
	Rural	21	1.17	3.01	5.11	13.8	212	638
	Low Income	52	0.739	4.12	8.71	18.3	79.5	190
	Mid/High Income	60	1.40	4.72	7.53	22.4	224	638
	Home Children	62	0.739	4.01	6.33	13.3	38.0	190
	Day Care Children	54	1.17	4.70	10.8	19.4	235	638
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	2.54	3.71	8.52	20.6	66.5
	Urban	103	<MDL	2.63	4.05	8.73	20.6	66.5
	Rural	21	<MDL	2.31	3.15	5.85	12.3	51.9
	Low Income	55	<MDL	3.15	5.38	10.0	27.6	51.9
	Mid/High Income	65	<MDL	2.48	2.83	7.33	16.6	66.5
	Home Children	65	<MDL	2.45	3.40	8.73	27.6	66.5
	Day Care Children	59	<MDL	2.78	4.05	7.52	20.0	26.4
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	184	396	869
	Urban	107	<MDL	<MDL	<MDL	180	312	869
	Rural	21	<MDL	<MDL	172	235	404	559
	Low Income	58	<MDL	<MDL	<MDL	184	396	869
	Mid/High Income	66	<MDL	<MDL	<MDL	180	404	842
	Home Children	66	<MDL	<MDL	<MDL	151	362	528
	Day Care Children	62	<MDL	<MDL	<MDL	193	404	869
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	3.24	18.5	33.0	80.3	832	2,800
	Urban	95	3.24	19.8	35.0	83.7	558	1,930
	Rural	21	5.12	13.2	22.4	60.5	930	2,800
	Low Income	52	3.24	18.0	38.2	80.3	348	832
	Mid/High Income	60	6.12	20.7	33.0	98.2	979	2,800
	Home Children	62	3.24	17.6	27.7	58.1	166	832
	Day Care Children	54	5.12	20.6	47.3	84.9	1,030	2,800

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-12c. Chrysene (218-01-9): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	87.1	0.052	0.072	0.034	0.834
	Urban	103	89.3	0.055	0.074	0.036	0.833
	Rural	21	76.2	0.041	0.063	0.026	0.808
	Low Income	55	92.7	0.064	0.090	0.040	0.910
	Mid/High Income	65	81.5	0.043	0.055	0.030	0.753
	Home Children	65	80.0	0.061	0.093	0.035	0.918
	Day Care Children	59	94.9	0.043	0.039	0.032	0.735
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	44.5	--	--	--	--
	Urban	107	43.0	--	--	--	--
	Rural	21	52.4	1.29	0.787	1.11	0.563
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	43.9	--	--	--	--
	Home Children	66	45.5	--	--	--	--
	Day Care Children	62	43.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.938	2.52	0.281	1.33
	Urban	95	100.0	0.754	1.75	0.286	1.23
	Rural	21	100.0	1.77	4.63	0.258	1.74
	Low Income	52	100.0	0.517	0.949	0.236	1.19
	Mid/High Income	60	100.0	1.35	3.36	0.344	1.43
	Home Children	62	100.0	0.599	1.28	0.235	1.22
	Day Care Children	54	100.0	1.33	3.41	0.344	1.42
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	87.1	0.229	0.317	0.149	0.834
	Urban	103	89.3	0.239	0.325	0.156	0.833
	Rural	21	76.2	0.181	0.276	0.115	0.808
	Low Income	55	92.7	0.282	0.392	0.174	0.910
	Mid/High Income	65	81.5	0.188	0.240	0.131	0.753
	Home Children	65	80.0	0.265	0.405	0.155	0.918
	Day Care Children	59	94.9	0.190	0.169	0.141	0.735
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	44.5	--	--	--	--
	Urban	107	43.0	--	--	--	--
	Rural	21	52.4	5.67	3.45	4.85	0.563
	Low Income	58	44.8	--	--	--	--
	Mid/High Income	66	43.9	--	--	--	--
	Home Children	66	45.5	--	--	--	--
	Day Care Children	62	43.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	4.11	11.1	1.23	1.33
	Urban	95	100.0	3.30	7.65	1.25	1.23
	Rural	21	100.0	7.75	20.3	1.13	1.74
	Low Income	52	100.0	2.26	4.16	1.04	1.19
	Mid/High Income	60	100.0	5.93	14.7	1.51	1.43
	Home Children	62	100.0	2.63	5.62	1.03	1.22
	Day Care Children	54	100.0	5.81	15.0	1.51	1.42

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-12d. Chrysene (218-01-9): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.018	0.027	0.053	0.140	0.566
	Urban	103	<MDL	0.018	0.029	0.058	0.140	0.566
	Rural	21	<MDL	0.015	0.020	0.041	0.081	0.303
	Low Income	55	<MDL	0.020	0.035	0.078	0.248	0.566
	Mid/High Income	65	<MDL	0.017	0.023	0.047	0.114	0.398
	Home Children	65	<MDL	0.018	0.027	0.061	0.248	0.566
	Day Care Children	59	<MDL	0.017	0.027	0.050	0.140	0.158
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	1.30	2.54	4.81
	Urban	107	<MDL	<MDL	<MDL	1.23	2.24	4.81
	Rural	21	<MDL	<MDL	1.01	1.61	2.93	3.19
	Low Income	58	<MDL	<MDL	<MDL	1.33	2.93	4.37
	Mid/High Income	66	<MDL	<MDL	<MDL	1.27	2.54	4.81
	Home Children	66	<MDL	<MDL	<MDL	1.06	2.33	3.95
	Day Care Children	62	<MDL	<MDL	<MDL	1.49	2.54	4.81
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.022	0.123	0.232	0.441	5.98	20.1
	Urban	95	0.022	0.129	0.251	0.510	3.77	12.8
	Rural	21	0.029	0.079	0.147	0.400	6.88	20.1
	Low Income	52	0.022	0.116	0.222	0.428	2.43	5.98
	Mid/High Income	60	0.038	0.139	0.251	0.701	7.36	20.1
	Home Children	62	0.022	0.092	0.211	0.407	1.39	6.49
	Day Care Children	54	0.029	0.131	0.325	0.576	7.84	20.1
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.078	0.118	0.230	0.613	2.48
	Urban	103	<MDL	0.079	0.129	0.253	0.613	2.48
	Rural	21	<MDL	0.067	0.088	0.179	0.356	1.33
	Low Income	55	<MDL	0.088	0.154	0.342	1.09	2.48
	Mid/High Income	65	<MDL	0.073	0.101	0.206	0.498	1.74
	Home Children	65	<MDL	0.079	0.118	0.269	1.09	2.48
	Day Care Children	59	<MDL	0.076	0.118	0.218	0.613	0.693
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	5.69	11.1	21.1
	Urban	107	<MDL	<MDL	<MDL	5.41	9.82	21.1
	Rural	21	<MDL	<MDL	4.44	7.03	12.8	14.0
	Low Income	58	<MDL	<MDL	<MDL	5.84	12.8	19.1
	Mid/High Income	66	<MDL	<MDL	<MDL	5.55	11.1	21.1
	Home Children	66	<MDL	<MDL	<MDL	4.65	10.2	17.3
	Day Care Children	62	<MDL	<MDL	<MDL	6.53	11.1	21.1
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.096	0.540	1.02	1.93	26.2	88.0
	Urban	95	0.096	0.565	1.10	2.23	16.5	56.0
	Rural	21	0.128	0.347	0.643	1.75	30.1	88.0
	Low Income	52	0.096	0.506	0.970	1.87	10.7	26.2
	Mid/High Income	60	0.168	0.611	1.10	3.07	32.2	88.0
	Home Children	62	0.096	0.404	0.923	1.78	6.11	28.4
	Day Care Children	54	0.128	0.573	1.42	2.52	34.3	88.0

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-13a. Cyfluthrin (68359-37-5): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	6.5	--	--	--	--
	Urban	103	6.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	59	13.6	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	8.3	--	--	--	--
	Urban	100	9.0	--	--	--	--
	Rural	20	5.0	--	--	--	--
	Low Income	55	14.5	--	--	--	--
	Mid/High Income	61	3.3	--	--	--	--
	Home Children	64	4.7	--	--	--	--
	Day Care Children	56	12.5	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	60.2	15.9	33.3	4.04	1.69
	Urban	97	60.8	14.2	29.1	4.07	1.62
	Rural	21	57.1	23.6	48.5	3.91	2.01
	Low Income	52	65.4	15.1	33.7	3.75	1.77
	Mid/High Income	62	56.5	17.3	34.3	4.25	1.68
	Home Children	66	56.1	16.5	37.3	4.01	1.67
	Day Care Children	52	65.4	15.2	27.9	4.07	1.73
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	6.5	--	--	--	--
	Urban	103	6.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	59	13.6	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	8.3	--	--	--	--
	Urban	100	9.0	--	--	--	--
	Rural	20	5.0	--	--	--	--
	Low Income	55	14.5	--	--	--	--
	Mid/High Income	61	3.3	--	--	--	--
	Home Children	64	4.7	--	--	--	--
	Day Care Children	56	12.5	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	60.2	36.6	76.8	9.30	1.69
	Urban	97	60.8	32.8	67.1	9.36	1.62
	Rural	21	57.1	54.2	112	9.00	2.01
	Low Income	52	65.4	34.7	77.6	8.63	1.77
	Mid/High Income	62	56.5	39.8	78.9	9.79	1.68
	Home Children	66	56.1	37.9	85.8	9.24	1.67
	Day Care Children	52	65.4	34.9	64.3	9.37	1.73

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-13b. Cyfluthrin (68359-37-5): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	6.46	1,050
	Urban	103	<MDL	<MDL	<MDL	<MDL	6.46	1,050
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	6.72
	Low Income	55	<MDL	<MDL	<MDL	<MDL	7.55	1,050
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	6.30
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	7.55	1,050
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	485	2,370
	Urban	100	<MDL	<MDL	<MDL	<MDL	500	2,370
	Rural	20	<MDL	<MDL	<MDL	<MDL	<MDL	459
	Low Income	55	<MDL	<MDL	<MDL	<MDL	563	2,370
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	531
	Home Children	64	<MDL	<MDL	<MDL	<MDL	<MDL	531
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	563	2,370
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	<MDL	<MDL	3.57	12.4	67.9	227
	Urban	97	<MDL	<MDL	3.67	12.4	62.4	227
	Rural	21	<MDL	<MDL	2.66	12.2	163	164
	Low Income	52	<MDL	<MDL	4.85	12.3	51.5	227
	Mid/High Income	62	<MDL	<MDL	3.33	16.6	93.4	164
	Home Children	66	<MDL	<MDL	3.42	13.7	93.4	227
	Day Care Children	52	<MDL	<MDL	4.58	11.4	62.4	164
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	14.9	2,420
	Urban	103	<MDL	<MDL	<MDL	<MDL	14.9	2,420
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	15.5
	Low Income	55	<MDL	<MDL	<MDL	<MDL	17.4	2,420
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	14.5
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	17.4	2,420
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	1,120	5,450
	Urban	100	<MDL	<MDL	<MDL	<MDL	1,150	5,450
	Rural	20	<MDL	<MDL	<MDL	<MDL	<MDL	1,060
	Low Income	55	<MDL	<MDL	<MDL	<MDL	1,300	5,450
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	1,220
	Home Children	64	<MDL	<MDL	<MDL	<MDL	<MDL	1,220
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	1,300	5,450
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	<MDL	<MDL	8.22	28.5	156	523
	Urban	97	<MDL	<MDL	8.46	28.5	144	523
	Rural	21	<MDL	<MDL	6.13	28.2	375	378
	Low Income	52	<MDL	<MDL	11.2	28.3	119	523
	Mid/High Income	62	<MDL	<MDL	7.68	38.3	215	378
	Home Children	66	<MDL	<MDL	7.87	31.5	215	523
	Day Care Children	52	<MDL	<MDL	10.5	26.3	144	378

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-13c. Cyfluthrin (68359-37-5): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	6.5	--	--	--	--
	Urban	103	6.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	59	13.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	8.3	--	--	--	--
	Urban	100	9.0	--	--	--	--
	Rural	20	5.0	--	--	--	--
	Low Income	55	14.5	--	--	--	--
	Mid/High Income	61	3.3	--	--	--	--
	Home Children	64	4.7	--	--	--	--
	Day Care Children	56	12.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	60.2	0.527	1.22	0.120	1.74
	Urban	97	60.8	0.471	1.08	0.123	1.67
	Rural	21	57.1	0.784	1.76	0.110	2.10
	Low Income	52	65.4	0.491	1.29	0.106	1.82
	Mid/High Income	62	56.5	0.582	1.21	0.134	1.73
	Home Children	66	56.1	0.581	1.44	0.127	1.71
	Day Care Children	52	65.4	0.459	0.875	0.112	1.79
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	6.5	--	--	--	--
	Urban	103	6.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	59	13.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	8.3	--	--	--	--
	Urban	100	9.0	--	--	--	--
	Rural	20	5.0	--	--	--	--
	Low Income	55	14.5	--	--	--	--
	Mid/High Income	61	3.3	--	--	--	--
	Home Children	64	4.7	--	--	--	--
	Day Care Children	56	12.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	60.2	1.21	2.82	0.277	1.74
	Urban	97	60.8	1.09	2.48	0.283	1.67
	Rural	21	57.1	1.81	4.04	0.253	2.10
	Low Income	52	65.4	1.13	2.96	0.243	1.82
	Mid/High Income	62	56.5	1.34	2.79	0.309	1.73
	Home Children	66	56.1	1.34	3.33	0.293	1.71
	Day Care Children	52	65.4	1.06	2.01	0.259	1.79

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-13d. Cyfluthrin (68359-37-5): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	0.212	37.4
	Urban	103	<MDL	<MDL	<MDL	<MDL	0.213	37.4
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	0.190
	Low Income	55	<MDL	<MDL	<MDL	<MDL	0.323	37.4
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.230
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	0.228	37.4
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	14.6	70.3
	Urban	100	<MDL	<MDL	<MDL	<MDL	16.0	70.3
	Rural	20	<MDL	<MDL	<MDL	<MDL	<MDL	12.8
	Low Income	55	<MDL	<MDL	<MDL	<MDL	16.2	70.3
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	19.4
	Home Children	64	<MDL	<MDL	<MDL	<MDL	<MDL	13.3
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	19.4	70.3
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	<MDL	<MDL	0.126	0.420	2.02	8.94
	Urban	97	<MDL	<MDL	0.127	0.349	2.02	8.94
	Rural	21	<MDL	<MDL	0.075	0.420	5.17	6.64
	Low Income	52	<MDL	<MDL	0.139	0.373	1.49	8.94
	Mid/High Income	62	<MDL	<MDL	0.115	0.539	2.94	6.64
	Home Children	66	<MDL	<MDL	0.118	0.502	2.94	8.94
	Day Care Children	52	<MDL	<MDL	0.134	0.332	2.02	5.17
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	0.487	86.1
	Urban	103	<MDL	<MDL	<MDL	<MDL	0.491	86.1
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	0.437
	Low Income	55	<MDL	<MDL	<MDL	<MDL	0.744	86.1
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.529
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	0.524	86.1
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	33.6	162
	Urban	100	<MDL	<MDL	<MDL	<MDL	36.7	162
	Rural	20	<MDL	<MDL	<MDL	<MDL	<MDL	29.5
	Low Income	55	<MDL	<MDL	<MDL	<MDL	37.3	162
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	44.7
	Home Children	64	<MDL	<MDL	<MDL	<MDL	<MDL	30.6
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	44.7	162
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	<MDL	<MDL	0.289	0.967	4.66	20.6
	Urban	97	<MDL	<MDL	0.292	0.804	4.66	20.6
	Rural	21	<MDL	<MDL	0.173	0.967	11.9	15.3
	Low Income	52	<MDL	<MDL	0.319	0.859	3.44	20.6
	Mid/High Income	62	<MDL	<MDL	0.264	1.24	6.77	15.3
	Home Children	66	<MDL	<MDL	0.272	1.16	6.77	20.6
	Day Care Children	52	<MDL	<MDL	0.308	0.766	4.66	11.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-14a. Diazinon (333-41-5): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	100.0	255	1,440	23.7	1.65
	Urban	103	100.0	296	1,570	23.7	1.73
	Rural	21	100.0	56.1	105	23.7	1.23
	Low Income	55	100.0	144	312	47.3	1.42
	Mid/High Income	65	100.0	363	1,970	13.5	1.63
	Home Children	65	100.0	293	1,680	17.9	1.69
	Day Care Children	59	100.0	214	1,120	32.5	1.56
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	31.5	--	--	--	--
	Urban	103	32.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	42.1	--	--	--	--
	Mid/High Income	63	22.2	--	--	--	--
	Home Children	64	21.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	97.5	21.7	81.9	1.56	1.98
	Urban	97	96.9	25.5	89.9	1.52	2.09
	Rural	21	100.0	4.04	5.85	1.76	1.42
	Low Income	52	100.0	30.7	94.9	3.28	1.97
	Mid/High Income	62	95.2	15.3	72.1	0.824	1.82
	Home Children	66	95.5	19.1	84.1	1.22	1.91
	Day Care Children	52	100.0	25.1	79.6	2.14	2.04
Potential Exposure – Aggregated (ng/day)	Overall	109	100.0	354	1,720	68.1	1.21
	Urban	88	100.0	413	1,910	68.2	1.28
	Rural	21	100.0	106	148	68.0	0.868
	Low Income	46	100.0	224	436	97.8	1.15
	Mid/High Income	59	100.0	473	2,310	52.2	1.21
	Home Children	63	100.0	374	1,930	55.3	1.26
	Day Care Children	46	100.0	327	1,410	90.8	1.07
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	100.0	839	4,720	78.0	1.65
	Urban	103	100.0	973	5,170	78.0	1.73
	Rural	21	100.0	184	346	78.0	1.23
	Low Income	55	100.0	472	1,030	155	1.42
	Mid/High Income	65	100.0	1,190	6,460	44.5	1.63
	Home Children	65	100.0	962	5,530	58.7	1.69
	Day Care Children	59	100.0	704	3,680	107	1.56
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	31.5	--	--	--	--
	Urban	103	32.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	42.1	--	--	--	--
	Mid/High Income	63	22.2	--	--	--	--
	Home Children	64	21.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	97.5	71.3	269	5.13	1.98
	Urban	97	96.9	83.9	295	4.99	2.09
	Rural	21	100.0	13.3	19.2	5.79	1.42
	Low Income	52	100.0	101	312	10.8	1.97
	Mid/High Income	62	95.2	50.4	237	2.71	1.82
	Home Children	66	95.5	62.6	276	3.99	1.91
	Day Care Children	52	100.0	82.3	261	7.04	2.04
Potential Exposure – Aggregated (pmoles/day)	Overall	109	100.0	1,160	5,650	224	1.21
	Urban	88	100.0	1,360	6,280	224	1.28
	Rural	21	100.0	349	486	223	0.868
	Low Income	46	100.0	737	1,430	321	1.15
	Mid/High Income	59	100.0	1,560	7,590	171	1.21
	Home Children	63	100.0	1,230	6,330	182	1.26
	Day Care Children	46	100.0	1,070	4,630	298	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-14b. Diazinon (333-41-5): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	2.48	6.79	16.9	63.3	353	13,400
	Urban	103	2.48	5.94	16.0	64.3	353	13,400
	Rural	21	3.81	10.3	17.4	60.6	130	487
	Low Income	55	4.79	15.7	36.9	130	487	1,910
	Mid/High Income	65	2.48	4.46	7.86	27.7	197	13,400
	Home Children	65	2.48	5.64	11.6	32.8	487	13,400
	Day Care Children	59	2.52	10.3	28.4	106	288	8,660
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	<MDL	<MDL	<MDL	43.3	97.2	1,420
	Urban	103	<MDL	<MDL	<MDL	42.9	85.8	1,420
	Rural	21	<MDL	<MDL	<MDL	44.1	97.2	216
	Low Income	57	<MDL	<MDL	<MDL	51.7	216	485
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	65.5	1,420
	Home Children	64	<MDL	<MDL	<MDL	<MDL	216	1,420
	Day Care Children	60	<MDL	<MDL	<MDL	52.3	79.4	473
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	<MDL	0.417	0.984	4.26	150	622
	Urban	97	<MDL	0.411	0.816	4.26	179	622
	Rural	21	0.130	0.800	2.34	4.06	15.3	24.7
	Low Income	52	0.125	0.816	2.65	7.16	179	622
	Mid/High Income	62	<MDL	0.259	0.556	1.62	26.7	501
	Home Children	66	<MDL	0.357	0.805	3.03	56.7	622
	Day Care Children	52	0.059	0.533	1.24	5.48	179	501
Potential Exposure – Aggregated (ng/day)	Overall	109	14.6	30.4	51.6	110	544	15,100
	Urban	88	14.6	30.2	49.4	97.8	544	15,100
	Rural	21	19.1	38.0	56.4	112	218	708
	Low Income	46	20.8	37.2	78.1	181	708	2,520
	Mid/High Income	59	14.6	27.0	39.3	60.1	285	15,100
	Home Children	63	14.6	27.0	35.7	63.6	708	15,100
	Day Care Children	46	26.3	46.0	65.9	141	450	9,630
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	8.16	22.3	55.7	208	1,160	44,200
	Urban	103	8.16	19.5	52.6	211	1,160	44,200
	Rural	21	12.5	33.7	57.0	199	429	1,600
	Low Income	55	15.7	51.5	121	429	1,600	6,270
	Mid/High Income	65	8.16	14.7	25.8	90.9	648	44,200
	Home Children	65	8.16	18.5	38.1	108	1,600	44,200
	Day Care Children	59	8.29	33.7	93.2	349	946	28,400
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	142	319	4,670
	Urban	103	<MDL	<MDL	<MDL	141	282	4,670
	Rural	21	<MDL	<MDL	<MDL	145	319	709
	Low Income	57	<MDL	<MDL	<MDL	170	709	1,590
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	215	4,670
	Home Children	64	<MDL	<MDL	<MDL	<MDL	709	4,670
	Day Care Children	60	<MDL	<MDL	<MDL	172	261	1,550
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	<MDL	1.37	3.23	14.0	494	2,040
	Urban	97	<MDL	1.35	2.68	14.0	587	2,040
	Rural	21	0.426	2.63	7.68	13.4	50.3	81.0
	Low Income	52	0.409	2.68	8.69	23.5	587	2,040
	Mid/High Income	62	<MDL	0.850	1.83	5.31	87.6	1,650
	Home Children	66	<MDL	1.17	2.64	9.96	186	2,040
	Day Care Children	52	0.195	1.75	4.07	18.0	587	1,650
Potential Exposure – Aggregated (pmoles/day)	Overall	109	48.0	99.9	169	360	1,790	49,700
	Urban	88	48.0	99.3	162	321	1,790	49,700
	Rural	21	62.8	125	185	368	715	2,330
	Low Income	46	68.4	122	257	594	2,330	8,270
	Mid/High Income	59	48.0	88.7	129	197	936	49,700
	Home Children	63	48.0	88.7	117	209	2,330	49,700
	Day Care Children	46	86.3	151	217	463	1,480	31,600

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-14c. Diazinon (333-41-5): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	100.0	7.40	41.3	0.708	1.64
	Urban	103	100.0	8.59	45.2	0.717	1.71
	Rural	21	100.0	1.54	2.74	0.666	1.23
	Low Income	55	100.0	4.14	9.32	1.35	1.42
	Mid/High Income	65	100.0	10.6	56.4	0.422	1.65
	Home Children	65	100.0	8.38	47.6	0.567	1.65
	Day Care Children	59	100.0	6.32	33.4	0.905	1.60
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	31.5	--	--	--	--
	Urban	103	32.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	42.1	--	--	--	--
	Mid/High Income	63	22.2	--	--	--	--
	Home Children	64	21.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	97.5	0.613	2.28	0.047	1.99
	Urban	97	96.9	0.718	2.50	0.046	2.10
	Rural	21	100.0	0.125	0.224	0.049	1.41
	Low Income	52	100.0	0.819	2.53	0.092	1.95
	Mid/High Income	62	95.2	0.474	2.13	0.026	1.88
	Home Children	66	95.5	0.550	2.30	0.039	1.91
	Day Care Children	52	100.0	0.692	2.28	0.059	2.07
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	100.0	10.2	49.4	2.02	1.18
	Urban	88	100.0	11.9	54.9	2.04	1.25
	Rural	21	100.0	2.90	3.83	1.91	0.834
	Low Income	46	100.0	6.30	13.0	2.74	1.13
	Mid/High Income	59	100.0	13.8	66.2	1.63	1.20
	Home Children	63	100.0	10.8	54.5	1.74	1.23
	Day Care Children	46	100.0	9.41	41.9	2.46	1.09
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	100.0	24.3	136	2.33	1.64
	Urban	103	100.0	28.2	149	2.36	1.71
	Rural	21	100.0	5.07	9.00	2.19	1.23
	Low Income	55	100.0	13.6	30.6	4.45	1.42
	Mid/High Income	65	100.0	34.7	185	1.39	1.65
	Home Children	65	100.0	27.5	156	1.86	1.65
	Day Care Children	59	100.0	20.8	110	2.97	1.60
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	31.5	--	--	--	--
	Urban	103	32.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	42.1	--	--	--	--
	Mid/High Income	63	22.2	--	--	--	--
	Home Children	64	21.9	--	--	--	--
	Day Care Children	60	41.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	97.5	2.01	7.49	0.153	1.99
	Urban	97	96.9	2.36	8.22	0.151	2.10
	Rural	21	100.0	0.411	0.735	0.163	1.41
	Low Income	52	100.0	2.69	8.31	0.303	1.95
	Mid/High Income	62	95.2	1.56	7.00	0.085	1.88
	Home Children	66	95.5	1.81	7.54	0.127	1.91
	Day Care Children	52	100.0	2.27	7.48	0.194	2.07
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	100.0	33.5	162	6.63	1.18
	Urban	88	100.0	39.2	180	6.72	1.25
	Rural	21	100.0	9.54	12.6	6.27	0.834
	Low Income	46	100.0	20.7	42.7	9.01	1.13
	Mid/High Income	59	100.0	45.3	217	5.34	1.20
	Home Children	63	100.0	35.3	179	5.73	1.23
	Day Care Children	46	100.0	30.9	138	8.10	1.09

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-14d. Diazinon (333-41-5): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	0.059	0.201	0.507	1.71	10.2	380
	Urban	103	0.059	0.198	0.518	1.74	10.2	380
	Rural	21	0.113	0.267	0.487	1.38	3.78	12.5
	Low Income	55	0.129	0.469	1.07	3.78	12.5	60.1
	Mid/High Income	65	0.059	0.153	0.255	0.824	5.82	380
	Home Children	65	0.088	0.176	0.378	1.08	12.5	380
	Day Care Children	59	0.059	0.323	0.824	3.00	10.2	258
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	1.24	2.55	40.2
	Urban	103	<MDL	<MDL	<MDL	1.23	2.49	40.2
	Rural	21	<MDL	<MDL	<MDL	1.26	2.55	5.53
	Low Income	57	<MDL	<MDL	<MDL	1.51	5.53	15.3
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	1.76	40.2
	Home Children	64	<MDL	<MDL	<MDL	<MDL	5.53	40.2
	Day Care Children	60	<MDL	<MDL	<MDL	1.36	2.27	14.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	<MDL	0.012	0.030	0.126	3.82	16.7
	Urban	97	<MDL	0.012	0.029	0.126	4.28	16.7
	Rural	21	0.004	0.020	0.072	0.117	0.444	1.01
	Low Income	52	0.003	0.023	0.082	0.159	4.28	16.7
	Mid/High Income	62	<MDL	0.009	0.018	0.053	1.09	14.9
	Home Children	66	<MDL	0.010	0.028	0.094	2.31	16.7
	Day Care Children	52	0.002	0.013	0.042	0.140	4.28	14.9
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	0.401	0.965	1.44	2.60	15.8	428
	Urban	88	0.401	0.944	1.40	2.72	15.8	428
	Rural	21	0.701	1.23	1.66	2.31	6.31	18.1
	Low Income	46	0.401	1.37	1.97	4.93	18.1	79.2
	Mid/High Income	59	0.460	0.853	1.32	1.72	11.1	428
	Home Children	63	0.401	0.846	1.31	2.18	18.1	428
	Day Care Children	46	0.474	1.37	1.68	3.83	11.5	287
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	0.194	0.661	1.67	5.63	33.6	1,250
	Urban	103	0.194	0.652	1.70	5.73	33.6	1,250
	Rural	21	0.373	0.879	1.60	4.53	12.4	41.0
	Low Income	55	0.423	1.54	3.53	12.4	41.0	197
	Mid/High Income	65	0.194	0.502	0.836	2.71	19.1	1,250
	Home Children	65	0.288	0.578	1.24	3.54	41.0	1,250
	Day Care Children	59	0.194	1.06	2.71	9.85	33.6	847
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	4.06	8.37	132
	Urban	103	<MDL	<MDL	<MDL	4.06	8.17	132
	Rural	21	<MDL	<MDL	<MDL	4.14	8.37	18.2
	Low Income	57	<MDL	<MDL	<MDL	4.95	18.2	50.2
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	5.78	132
	Home Children	64	<MDL	<MDL	<MDL	<MDL	18.2	132
	Day Care Children	60	<MDL	<MDL	<MDL	4.48	7.47	46.2
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	<MDL	0.040	0.100	0.414	12.5	54.9
	Urban	97	<MDL	0.040	0.095	0.414	14.1	54.9
	Rural	21	0.013	0.065	0.235	0.385	1.46	3.30
	Low Income	52	0.011	0.075	0.271	0.522	14.1	54.9
	Mid/High Income	62	<MDL	0.028	0.060	0.176	3.57	49.0
	Home Children	66	<MDL	0.034	0.091	0.310	7.59	54.9
	Day Care Children	52	0.005	0.043	0.137	0.461	14.1	49.0
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	1.32	3.17	4.73	8.54	51.9	1,400
	Urban	88	1.32	3.10	4.59	8.93	51.9	1,400
	Rural	21	2.30	4.04	5.45	7.59	20.7	59.6
	Low Income	46	1.32	4.49	6.47	16.2	59.6	260
	Mid/High Income	59	1.51	2.80	4.33	5.66	36.4	1,400
	Home Children	63	1.32	2.78	4.30	7.16	59.6	1,400
	Day Care Children	46	1.56	4.51	5.52	12.6	37.7	942

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-15a. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	9.7	--	--	--	--
	Urban	103	11.7	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	59	8.5	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	0.0	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	0.0	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	98.3	5.62	12.2	2.28	1.22
	Urban	96	97.9	5.02	9.69	2.23	1.20
	Rural	21	100.0	8.36	20.1	2.50	1.35
	Low Income	52	100.0	4.10	6.48	2.08	1.20
	Mid/High Income	61	98.4	7.20	15.7	2.59	1.26
	Home Children	63	96.8	3.90	6.62	1.88	1.18
	Day Care Children	54	100.0	7.63	16.3	2.85	1.25
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	9.7	--	--	--	--
	Urban	103	11.7	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	59	8.5	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	0.0	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	0.0	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	98.3	20.2	43.7	8.18	1.22
	Urban	96	97.9	18.0	34.8	8.01	1.20
	Rural	21	100.0	30.0	72.2	8.98	1.35
	Low Income	52	100.0	14.7	23.3	7.48	1.20
	Mid/High Income	61	98.4	25.9	56.2	9.31	1.26
	Home Children	63	96.8	14.0	23.8	6.74	1.18
	Day Care Children	54	100.0	27.4	58.5	10.2	1.25

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-15b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	0.640	1.72
	Urban	103	<MDL	<MDL	<MDL	<MDL	0.704	1.72
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	55	<MDL	<MDL	<MDL	<MDL	0.752	1.72
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.587	0.623
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.590	1.72
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	0.717	0.752
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	<MDL	1.14	1.89	4.19	26.4	91.2
	Urban	96	<MDL	1.14	1.96	4.77	24.6	70.4
	Rural	21	0.380	1.09	1.82	3.76	26.4	91.2
	Low Income	52	0.034	1.09	2.16	4.02	17.1	39.5
	Mid/High Income	61	<MDL	1.19	1.73	5.50	29.7	91.2
	Home Children	63	<MDL	0.991	1.53	3.76	10.5	39.5
	Day Care Children	54	0.297	1.39	2.58	4.88	36.6	91.2
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	2.30	6.19
	Urban	103	<MDL	<MDL	<MDL	<MDL	2.53	6.19
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	55	<MDL	<MDL	<MDL	<MDL	2.70	6.19
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	2.11	2.24
	Home Children	65	<MDL	<MDL	<MDL	<MDL	2.12	6.19
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	2.58	2.70
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	<MDL	4.10	6.79	15.0	95.0	328
	Urban	96	<MDL	4.11	7.04	17.1	88.5	253
	Rural	21	1.36	3.90	6.52	13.5	95.0	328
	Low Income	52	0.123	3.93	7.76	14.5	61.6	142
	Mid/High Income	61	<MDL	4.29	6.20	19.7	107	328
	Home Children	63	<MDL	3.56	5.51	13.5	37.6	142
	Day Care Children	54	1.07	5.00	9.27	17.5	131	328

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-15c. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	9.7	--	--	--	--
	Urban	103	11.7	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	59	8.5	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	0.0	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	0.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	98.3	0.176	0.382	0.067	1.28
	Urban	96	97.9	0.155	0.295	0.067	1.24
	Rural	21	100.0	0.270	0.648	0.070	1.44
	Low Income	52	100.0	0.122	0.200	0.059	1.24
	Mid/High Income	61	98.4	0.231	0.490	0.081	1.30
	Home Children	63	96.8	0.136	0.243	0.059	1.27
	Day Care Children	54	100.0	0.222	0.495	0.079	1.28
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	9.7	--	--	--	--
	Urban	103	11.7	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	55	12.7	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	59	8.5	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	0.0	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	0.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	98.3	0.631	1.37	0.242	1.28
	Urban	96	97.9	0.557	1.06	0.240	1.24
	Rural	21	100.0	0.970	2.33	0.252	1.44
	Low Income	52	100.0	0.437	0.717	0.211	1.24
	Mid/High Income	61	98.4	0.829	1.76	0.290	1.30
	Home Children	63	96.8	0.489	0.874	0.212	1.27
	Day Care Children	54	100.0	0.796	1.78	0.283	1.28

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-15d. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	0.021	0.135
	Urban	103	<MDL	<MDL	<MDL	<MDL	0.021	0.135
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	55	<MDL	<MDL	<MDL	<MDL	0.023	0.135
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.021	0.023
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.021	0.135
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	0.020	0.023
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	<MDL	0.033	0.058	0.131	1.08	2.87
	Urban	96	<MDL	0.034	0.060	0.138	0.555	2.04
	Rural	21	0.010	0.028	0.046	0.109	1.08	2.87
	Low Income	52	0.001	0.029	0.063	0.126	0.530	1.24
	Mid/High Income	61	<MDL	0.037	0.056	0.168	1.09	2.87
	Home Children	63	<MDL	0.026	0.052	0.129	0.393	1.24
	Day Care Children	54	0.009	0.035	0.067	0.138	1.22	2.87
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	0.074	0.487
	Urban	103	<MDL	<MDL	<MDL	<MDL	0.075	0.487
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	55	<MDL	<MDL	<MDL	<MDL	0.083	0.487
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.074	0.084
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.075	0.487
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	0.073	0.083
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	<MDL	0.119	0.207	0.469	3.87	10.3
	Urban	96	<MDL	0.122	0.216	0.497	1.99	7.33
	Rural	21	0.034	0.101	0.164	0.392	3.87	10.3
	Low Income	52	0.004	0.105	0.227	0.453	1.90	4.46
	Mid/High Income	61	<MDL	0.132	0.201	0.603	3.90	10.3
	Home Children	63	<MDL	0.093	0.186	0.463	1.41	4.46
	Day Care Children	54	0.033	0.126	0.239	0.495	4.39	10.3

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-16a. Di-*n*-butylphthalate (84-74-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	100.0	2,400	1,770	1,980	0.606
	Urban	103	100.0	2,520	1,900	2,040	0.636
	Rural	21	100.0	1,810	685	1,680	0.409
	Low Income	55	100.0	2,680	2,150	2,190	0.585
	Mid/High Income	65	100.0	2,150	1,330	1,810	0.611
	Home Children	65	100.0	1,710	908	1,500	0.528
	Day Care Children	59	100.0	3,150	2,150	2,670	0.545
Potential Exposure via Dietary Ingestion (ng/day)	Overall	86	61.6	70,900	78,000	43,000	1.00
	Urban	69	63.8	68,000	73,200	41,700	1.00
	Rural	17	52.9	82,500	96,700	48,900	1.02
	Low Income	38	50.0	66,700	80,000	38,500	1.02
	Mid/High Income	46	69.6	68,600	67,100	44,800	0.965
	Home Children	51	49.0	--	--	--	--
	Day Care Children	35	80.0	79,600	71,400	54,400	0.902
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	539	724	339	0.911
	Urban	96	100.0	563	775	349	0.922
	Rural	21	100.0	427	411	299	0.872
	Low Income	51	100.0	560	624	354	0.980
	Mid/High Income	62	100.0	493	753	327	0.797
	Home Children	63	100.0	544	903	302	0.974
	Day Care Children	54	100.0	533	439	390	0.820
Potential Exposure – Aggregated (ng/day)	Overall	78	100.0	72,900	76,600	47,100	0.927
	Urban	61	100.0	69,600	70,500	45,900	0.917
	Rural	17	100.0	84,700	96,800	51,600	0.987
	Low Income	32	100.0	71,500	79,300	44,300	0.962
	Mid/High Income	44	100.0	67,800	64,400	46,700	0.880
	Home Children	47	100.0	65,300	82,300	38,700	0.973
	Day Care Children	31	100.0	84,300	66,600	63,400	0.777
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	100.0	8,610	6,360	7,100	0.606
	Urban	103	100.0	9,040	6,820	7,340	0.636
	Rural	21	100.0	6,490	2,460	6,030	0.409
	Low Income	55	100.0	9,630	7,730	7,870	0.585
	Mid/High Income	65	100.0	7,710	4,770	6,500	0.611
	Home Children	65	100.0	6,150	3,260	5,400	0.528
	Day Care Children	59	100.0	11,300	7,730	9,600	0.545
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	86	61.6	255,000	280,000	155,000	1.00
	Urban	69	63.8	244,000	263,000	150,000	1.00
	Rural	17	52.9	296,000	348,000	176,000	1.02
	Low Income	38	50.0	240,000	287,000	138,000	1.02
	Mid/High Income	46	69.6	247,000	241,000	161,000	0.965
	Home Children	51	49.0	--	--	--	--
	Day Care Children	35	80.0	286,000	256,000	195,000	0.902
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	1,940	2,600	1,220	0.911
	Urban	96	100.0	2,020	2,780	1,250	0.922
	Rural	21	100.0	1,530	1,480	1,070	0.872
	Low Income	51	100.0	2,010	2,240	1,270	0.980
	Mid/High Income	62	100.0	1,770	2,710	1,170	0.797
	Home Children	63	100.0	1,950	3,240	1,080	0.974
	Day Care Children	54	100.0	1,920	1,580	1,400	0.820
Potential Exposure – Aggregated (pmoles/day)	Overall	78	100.0	262,000	275,000	169,000	0.927
	Urban	61	100.0	250,000	253,000	165,000	0.917
	Rural	17	100.0	304,000	348,000	186,000	0.987
	Low Income	32	100.0	257,000	285,000	159,000	0.962
	Mid/High Income	44	100.0	243,000	231,000	168,000	0.880
	Home Children	47	100.0	235,000	296,000	139,000	0.973
	Day Care Children	31	100.0	303,000	239,000	228,000	0.777

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-16b. Di-*n*-butylphthalate (84-74-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	313	1,380	1,840	2,850	5,740	10,000
	Urban	103	313	1,360	1,900	2,970	6,450	10,000
	Rural	21	551	1,520	1,630	2,200	3,090	3,220
	Low Income	55	806	1,520	1,860	2,900	9,330	10,000
	Mid/High Income	65	313	1,340	1,790	2,750	4,040	8,730
	Home Children	65	313	1,160	1,540	2,060	3,250	5,740
	Day Care Children	59	1,190	1,770	2,550	3,480	9,330	10,000
Potential Exposure via Dietary Ingestion (ng/day)	Overall	86	<MDL	<MDL	39,300	93,100	241,000	362,000
	Urban	69	<MDL	<MDL	39,500	87,300	228,000	362,000
	Rural	17	<MDL	<MDL	39,000	112,000	348,000	348,000
	Low Income	38	<MDL	<MDL	<MDL	104,000	241,000	362,000
	Mid/High Income	46	<MDL	<MDL	47,000	87,300	219,000	281,000
	Home Children	51	<MDL	<MDL	<MDL	76,000	268,000	362,000
	Day Care Children	35	<MDL	26,500	49,800	115,000	241,000	281,000
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	50.9	167	346	596	1,670	5,640
	Urban	96	50.9	164	348	624	1,680	5,640
	Rural	21	57.4	219	331	439	1,310	1,670
	Low Income	51	57.4	154	352	664	1,480	3,640
	Mid/High Income	62	89.9	182	311	497	1,630	5,640
	Home Children	63	50.9	145	290	496	1,680	5,640
	Day Care Children	54	87.0	204	410	664	1,480	2,220
Potential Exposure – Aggregated (ng/day)	Overall	78	9,090	21,600	42,900	94,800	270,000	365,000
	Urban	61	9,090	20,700	43,400	88,200	212,000	365,000
	Rural	17	14,900	23,200	42,500	113,000	350,000	350,000
	Low Income	32	13,500	20,000	30,300	111,000	230,000	365,000
	Mid/High Income	44	9,090	24,800	47,600	85,000	212,000	283,000
	Home Children	47	9,090	17,900	27,800	81,900	270,000	365,000
	Day Care Children	31	15,600	32,800	62,800	116,000	230,000	283,000
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	1,120	4,940	6,620	10,200	20,600	36,000
	Urban	103	1,120	4,870	6,810	10,700	23,200	36,000
	Rural	21	1,980	5,470	5,840	7,900	11,100	11,600
	Low Income	55	2,900	5,460	6,680	10,400	33,500	36,000
	Mid/High Income	65	1,120	4,820	6,420	9,890	14,500	31,400
	Home Children	65	1,120	4,170	5,540	7,400	11,700	20,600
	Day Care Children	59	4,260	6,360	9,150	12,500	33,500	36,000
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	86	<MDL	<MDL	141,000	334,000	865,000	1,300,000
	Urban	69	<MDL	<MDL	142,000	313,000	818,000	1,300,000
	Rural	17	<MDL	<MDL	140,000	401,000	1,250,000	1,250,000
	Low Income	38	<MDL	<MDL	<MDL	373,000	865,000	1,300,000
	Mid/High Income	46	<MDL	<MDL	169,000	313,000	785,000	1,010,000
	Home Children	51	<MDL	<MDL	<MDL	273,000	963,000	1,300,000
	Day Care Children	35	<MDL	95,300	179,000	412,000	865,000	1,010,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	183	598	1,240	2,140	6,010	20,300
	Urban	96	183	591	1,250	2,240	6,030	20,300
	Rural	21	206	788	1,190	1,580	4,720	6,010
	Low Income	51	206	552	1,260	2,380	5,300	13,100
	Mid/High Income	62	323	655	1,120	1,790	5,870	20,300
	Home Children	63	183	519	1,040	1,780	6,030	20,300
	Day Care Children	54	313	734	1,470	2,380	5,300	7,970
Potential Exposure – Aggregated (pmoles/day)	Overall	78	32,700	77,700	154,000	341,000	969,000	1,310,000
	Urban	61	32,700	74,400	156,000	317,000	762,000	1,310,000
	Rural	17	53,500	83,400	153,000	407,000	1,260,000	1,260,000
	Low Income	32	48,600	71,900	109,000	399,000	826,000	1,310,000
	Mid/High Income	44	32,700	89,100	171,000	305,000	762,000	1,020,000
	Home Children	47	32,700	64,200	99,700	294,000	969,000	1,310,000
	Day Care Children	31	56,100	118,000	226,000	418,000	826,000	1,020,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-16c. Di-*n*-butylphthalate (84-74-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	100.0	72.9	57.5	59.0	0.628
	Urban	103	100.0	77.3	61.5	61.8	0.651
	Rural	21	100.0	51.6	22.2	47.2	0.448
	Low Income	55	100.0	81.6	74.3	62.7	0.668
	Mid/High Income	65	100.0	65.8	37.1	56.4	0.586
	Home Children	65	100.0	56.7	41.3	47.8	0.577
	Day Care Children	59	100.0	90.8	67.2	74.4	0.605
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	86	61.6	2,090	2,340	1,260	1.00
	Urban	69	63.8	2,020	2,260	1,240	0.994
	Rural	17	52.9	2,370	2,740	1,380	1.05
	Low Income	38	50.0	1,660	1,700	1,050	0.948
	Mid/High Income	46	69.6	2,290	2,540	1,390	1.01
	Home Children	51	49.0	--	--	--	--
	Day Care Children	35	80.0	2,160	1,940	1,480	0.895
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	16.9	24.1	10.1	0.976
	Urban	96	100.0	17.7	25.6	10.5	0.981
	Rural	21	100.0	13.1	15.3	8.39	0.955
	Low Income	51	100.0	16.5	18.4	9.95	1.05
	Mid/High Income	62	100.0	16.3	27.1	10.2	0.848
	Home Children	63	100.0	18.2	30.5	9.50	1.06
	Day Care Children	54	100.0	15.3	13.4	10.8	0.867
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	78	100.0	2,100	2,190	1,360	0.921
	Urban	61	100.0	2,010	2,030	1,340	0.898
	Rural	17	100.0	2,430	2,740	1,450	1.03
	Low Income	32	100.0	1,730	1,500	1,180	0.893
	Mid/High Income	44	100.0	2,190	2,340	1,440	0.912
	Home Children	47	100.0	1,990	2,450	1,190	0.976
	Day Care Children	31	100.0	2,260	1,760	1,690	0.799
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	100.0	262	207	212	0.628
	Urban	103	100.0	278	221	222	0.651
	Rural	21	100.0	185	79.7	169	0.448
	Low Income	55	100.0	293	267	225	0.668
	Mid/High Income	65	100.0	236	133	203	0.586
	Home Children	65	100.0	204	148	172	0.577
	Day Care Children	59	100.0	326	242	267	0.605
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	86	61.6	7,510	8,420	4,530	1.00
	Urban	69	63.8	7,270	8,100	4,440	0.994
	Rural	17	52.9	8,500	9,830	4,940	1.05
	Low Income	38	50.0	5,970	6,120	3,780	0.948
	Mid/High Income	46	69.6	8,220	9,140	5,010	1.01
	Home Children	51	49.0	--	--	--	--
	Day Care Children	35	80.0	7,770	6,990	5,330	0.895
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	60.5	86.6	36.2	0.976
	Urban	96	100.0	63.5	92.0	37.7	0.981
	Rural	21	100.0	47.0	54.8	30.1	0.955
	Low Income	51	100.0	59.4	66.1	35.8	1.05
	Mid/High Income	62	100.0	58.7	97.2	36.7	0.848
	Home Children	63	100.0	65.4	110	34.1	1.06
	Day Care Children	54	100.0	54.9	48.1	38.7	0.867
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	78	100.0	7,540	7,880	4,900	0.921
	Urban	61	100.0	7,200	7,300	4,810	0.898
	Rural	17	100.0	8,730	9,850	5,220	1.03
	Low Income	32	100.0	6,200	5,380	4,250	0.893
	Mid/High Income	44	100.0	7,890	8,410	5,160	0.912
	Home Children	47	100.0	7,160	8,810	4,260	0.976
	Day Care Children	31	100.0	8,110	6,310	6,060	0.799

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-16d. Di-*n*-butylphthalate (84-74-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	9.31	40.3	55.7	84.8	182	325
	Urban	103	9.31	40.8	58.6	88.5	224	325
	Rural	21	16.0	37.0	47.1	62.9	97.2	104
	Low Income	55	22.8	39.9	55.0	88.5	302	325
	Mid/High Income	65	9.31	41.8	59.2	83.8	130	224
	Home Children	65	9.31	34.9	47.8	68.3	113	302
	Day Care Children	59	22.7	49.7	64.3	109	264	325
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	86	<MDL	<MDL	1,100	2,700	7,740	11,400
	Urban	69	<MDL	<MDL	1,090	2,700	7,370	11,400
	Rural	17	<MDL	<MDL	1,260	2,440	9,830	9,830
	Low Income	38	<MDL	<MDL	<MDL	2,440	5,110	7,370
	Mid/High Income	46	<MDL	<MDL	1,310	2,930	8,270	11,400
	Home Children	51	<MDL	<MDL	<MDL	2,620	9,630	11,400
	Day Care Children	35	<MDL	717	1,340	3,500	7,370	7,740
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.950	4.91	9.68	18.4	61.7	200
	Urban	96	0.950	4.89	10.2	19.0	61.7	200
	Rural	21	1.54	5.00	8.68	11.9	38.1	68.3
	Low Income	51	1.27	4.48	11.2	19.5	56.4	97.7
	Mid/High Income	62	2.47	5.42	9.64	15.6	48.6	200
	Home Children	63	0.950	4.65	9.04	17.1	68.3	200
	Day Care Children	54	1.73	4.91	10.7	20.8	39.3	67.9
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	78	286	652	1,250	2,910	7,800	11,400
	Urban	61	286	652	1,160	2,910	5,220	11,400
	Rural	17	426	701	1,380	2,490	9,880	9,880
	Low Income	32	363	506	900	2,530	4,520	5,220
	Mid/High Income	44	286	737	1,350	2,950	7,800	11,400
	Home Children	47	286	530	856	2,550	8,350	11,400
	Day Care Children	31	391	944	1,580	3,560	5,220	7,800
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	33.4	145	200	305	655	1,170
	Urban	103	33.4	147	211	318	803	1,170
	Rural	21	57.4	133	169	226	349	375
	Low Income	55	81.9	143	197	318	1,080	1,170
	Mid/High Income	65	33.4	150	213	301	469	803
	Home Children	65	33.4	125	172	245	407	1,080
	Day Care Children	59	81.7	179	231	393	947	1,170
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	86	<MDL	<MDL	3,940	9,700	27,800	40,800
	Urban	69	<MDL	<MDL	3,900	9,700	26,500	40,800
	Rural	17	<MDL	<MDL	4,540	8,780	35,300	35,300
	Low Income	38	<MDL	<MDL	<MDL	8,780	18,400	26,500
	Mid/High Income	46	<MDL	<MDL	4,700	10,500	29,700	40,800
	Home Children	51	<MDL	<MDL	<MDL	9,410	34,600	40,800
	Day Care Children	35	<MDL	2,580	4,800	12,600	26,500	27,800
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	3.41	17.7	34.8	66.2	222	720
	Urban	96	3.41	17.6	36.8	68.3	222	720
	Rural	21	5.54	18.0	31.2	42.8	137	245
	Low Income	51	4.55	16.1	40.1	70.1	203	351
	Mid/High Income	62	8.89	19.5	34.6	55.9	175	720
	Home Children	63	3.41	16.7	32.5	61.5	245	720
	Day Care Children	54	6.22	17.7	38.4	74.8	141	244
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	78	1,030	2,340	4,480	10,400	28,000	41,100
	Urban	61	1,030	2,340	4,150	10,400	18,700	41,100
	Rural	17	1,530	2,520	4,950	8,930	35,500	35,500
	Low Income	32	1,310	1,820	3,230	9,090	16,200	18,700
	Mid/High Income	44	1,030	2,650	4,860	10,600	28,000	41,100
	Home Children	47	1,030	1,900	3,070	9,160	30,000	41,100
	Day Care Children	31	1,400	3,390	5,660	12,800	18,700	28,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-17a. *p,p'*-DDE (72-55-9): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	36.3	--	--	--	--
	Urban	103	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	55	49.1	--	--	--	--
	Mid/High Income	65	26.2	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	59	42.4	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	76.8	126	112	84.4	0.942
	Urban	104	77.9	124	110	83.7	0.923
	Rural	21	71.4	138	124	88.5	1.06
	Low Income	57	78.9	131	113	89.4	0.922
	Mid/High Income	64	75.0	121	112	80.3	0.951
	Home Children	65	70.8	104	94.7	68.5	0.959
	Day Care Children	60	83.3	150	125	106	0.877
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	56.7	0.624	1.49	0.241	1.27
	Urban	99	52.5	0.575	1.48	0.224	1.24
	Rural	21	76.2	0.853	1.55	0.339	1.38
	Low Income	52	73.1	0.699	1.89	0.273	1.23
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	54	74.1	0.757	1.93	0.272	1.31
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	36.3	--	--	--	--
	Urban	103	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	55	49.1	--	--	--	--
	Mid/High Income	65	26.2	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	59	42.4	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	76.8	397	352	266	0.942
	Urban	104	77.9	389	346	263	0.923
	Rural	21	71.4	435	390	278	1.06
	Low Income	57	78.9	412	356	281	0.922
	Mid/High Income	64	75.0	381	351	252	0.951
	Home Children	65	70.8	328	298	216	0.959
	Day Care Children	60	83.3	470	392	333	0.877
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	56.7	1.96	4.69	0.758	1.27
	Urban	99	52.5	1.81	4.66	0.705	1.24
	Rural	21	76.2	2.68	4.87	1.07	1.38
	Low Income	52	73.1	2.20	5.93	0.858	1.23
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	54	74.1	2.38	6.06	0.855	1.31

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-17b. *p,p'*-DDE (72-55-9): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	0.846	2.70	15.8
	Urban	103	<MDL	<MDL	<MDL	0.814	2.72	15.8
	Rural	21	<MDL	<MDL	<MDL	0.910	2.43	2.64
	Low Income	55	<MDL	<MDL	<MDL	1.39	3.44	15.8
	Mid/High Income	65	<MDL	<MDL	<MDL	0.684	1.45	7.27
	Home Children	65	<MDL	<MDL	<MDL	0.804	1.58	7.27
	Day Care Children	59	<MDL	<MDL	<MDL	1.14	3.44	15.8
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	42.7	87.5	170	357	545
	Urban	104	<MDL	42.2	86.9	169	357	545
	Rural	21	<MDL	<MDL	144	171	415	445
	Low Income	57	<MDL	43.1	94.0	175	345	545
	Mid/High Income	64	<MDL	<MDL	84.1	160	404	445
	Home Children	65	<MDL	<MDL	70.5	144	320	357
	Day Care Children	60	<MDL	58.8	106	181	419	545
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	0.214	0.573	2.59	13.4
	Urban	99	<MDL	<MDL	0.196	0.542	2.41	13.4
	Rural	21	<MDL	0.141	0.374	0.769	2.78	7.00
	Low Income	52	<MDL	<MDL	0.258	0.632	1.99	13.4
	Mid/High Income	64	<MDL	<MDL	<MDL	0.551	2.78	7.00
	Home Children	66	<MDL	<MDL	<MDL	0.562	2.41	7.00
	Day Care Children	54	<MDL	<MDL	0.266	0.584	3.51	13.4
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	2.66	8.50	49.6
	Urban	103	<MDL	<MDL	<MDL	2.56	8.56	49.6
	Rural	21	<MDL	<MDL	<MDL	2.86	7.65	8.30
	Low Income	55	<MDL	<MDL	<MDL	4.38	10.8	49.6
	Mid/High Income	65	<MDL	<MDL	<MDL	2.15	4.56	22.9
	Home Children	65	<MDL	<MDL	<MDL	2.53	4.96	22.9
	Day Care Children	59	<MDL	<MDL	<MDL	3.59	10.8	49.6
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	134	275	535	1,120	1,710
	Urban	104	<MDL	133	273	531	1,120	1,710
	Rural	21	<MDL	<MDL	453	538	1,300	1,400
	Low Income	57	<MDL	136	296	551	1,080	1,710
	Mid/High Income	64	<MDL	<MDL	265	504	1,270	1,400
	Home Children	65	<MDL	<MDL	222	453	1,010	1,120
	Day Care Children	60	<MDL	185	333	569	1,320	1,710
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	0.673	1.80	8.15	42.1
	Urban	99	<MDL	<MDL	0.616	1.70	7.58	42.1
	Rural	21	<MDL	0.445	1.17	2.42	8.73	22.0
	Low Income	52	<MDL	<MDL	0.810	1.99	6.25	42.1
	Mid/High Income	64	<MDL	<MDL	<MDL	1.73	8.73	22.0
	Home Children	66	<MDL	<MDL	<MDL	1.77	7.58	22.0
	Day Care Children	54	<MDL	<MDL	0.836	1.84	11.0	42.1

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-17c. *p,p'*-DDE (72-55-9): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	36.3	--	--	--	--
	Urban	103	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	55	49.1	--	--	--	--
	Mid/High Income	65	26.2	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	59	42.4	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	76.8	3.81	3.41	2.52	0.960
	Urban	104	77.9	3.78	3.38	2.52	0.946
	Rural	21	71.4	3.92	3.63	2.48	1.05
	Low Income	57	78.9	3.92	3.57	2.54	0.998
	Mid/High Income	64	75.0	3.72	3.33	2.51	0.924
	Home Children	65	70.8	3.39	3.12	2.17	0.996
	Day Care Children	60	83.3	4.26	3.67	2.95	0.901
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	56.7	0.020	0.048	0.007	1.31
	Urban	99	52.5	0.018	0.045	0.007	1.27
	Rural	21	76.2	0.029	0.062	0.010	1.48
	Low Income	52	73.1	0.020	0.057	0.008	1.24
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	54	74.1	0.021	0.058	0.008	1.32
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	36.3	--	--	--	--
	Urban	103	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	55	49.1	--	--	--	--
	Mid/High Income	65	26.2	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	59	42.4	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	76.8	12.0	10.7	7.91	0.960
	Urban	104	77.9	11.9	10.6	7.93	0.946
	Rural	21	71.4	12.3	11.4	7.81	1.05
	Low Income	57	78.9	12.3	11.2	7.99	0.998
	Mid/High Income	64	75.0	11.7	10.5	7.91	0.924
	Home Children	65	70.8	10.7	9.82	6.82	0.996
	Day Care Children	60	83.3	13.4	11.5	9.28	0.901
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	56.7	0.061	0.152	0.023	1.31
	Urban	99	52.5	0.055	0.141	0.021	1.27
	Rural	21	76.2	0.090	0.195	0.030	1.48
	Low Income	52	73.1	0.063	0.179	0.024	1.24
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	54	74.1	0.067	0.183	0.024	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-17d. *p,p'*-DDE (72-55-9): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	0.026	0.090	0.362
	Urban	103	<MDL	<MDL	<MDL	0.026	0.099	0.362
	Rural	21	<MDL	<MDL	<MDL	0.024	0.064	0.085
	Low Income	55	<MDL	<MDL	<MDL	0.043	0.104	0.362
	Mid/High Income	65	<MDL	<MDL	<MDL	0.022	0.053	0.276
	Home Children	65	<MDL	<MDL	<MDL	0.022	0.088	0.276
	Day Care Children	59	<MDL	<MDL	<MDL	0.031	0.104	0.362
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	1.21	2.64	5.26	11.2	14.0
	Urban	104	<MDL	1.23	2.61	5.35	11.1	14.0
	Rural	21	<MDL	<MDL	3.14	5.12	12.3	13.0
	Low Income	57	<MDL	1.24	2.67	5.67	12.2	14.0
	Mid/High Income	64	<MDL	<MDL	2.61	4.66	11.2	13.0
	Home Children	65	<MDL	<MDL	2.23	4.97	10.5	11.2
	Day Care Children	60	<MDL	1.67	3.10	5.35	12.5	14.0
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	0.007	0.016	0.082	0.410
	Urban	99	<MDL	<MDL	0.006	0.014	0.080	0.410
	Rural	21	<MDL	0.004	0.011	0.022	0.083	0.286
	Low Income	52	<MDL	<MDL	0.008	0.014	0.048	0.410
	Mid/High Income	64	<MDL	<MDL	<MDL	0.015	0.083	0.286
	Home Children	66	<MDL	<MDL	<MDL	0.019	0.083	0.286
	Day Care Children	54	<MDL	<MDL	0.009	0.014	0.080	0.410
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	0.082	0.283	1.14
	Urban	103	<MDL	<MDL	<MDL	0.082	0.312	1.14
	Rural	21	<MDL	<MDL	<MDL	0.075	0.201	0.269
	Low Income	55	<MDL	<MDL	<MDL	0.134	0.326	1.14
	Mid/High Income	65	<MDL	<MDL	<MDL	0.069	0.168	0.868
	Home Children	65	<MDL	<MDL	<MDL	0.069	0.278	0.868
	Day Care Children	59	<MDL	<MDL	<MDL	0.099	0.326	1.14
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	3.81	8.30	16.5	35.3	43.9
	Urban	104	<MDL	3.86	8.22	16.8	34.9	43.9
	Rural	21	<MDL	<MDL	9.88	16.1	38.5	41.0
	Low Income	57	<MDL	3.91	8.40	17.8	38.4	43.9
	Mid/High Income	64	<MDL	<MDL	8.22	14.7	35.3	41.0
	Home Children	65	<MDL	<MDL	7.00	15.6	33.2	35.3
	Day Care Children	60	<MDL	5.26	9.73	16.8	39.2	43.9
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	0.023	0.050	0.256	1.29
	Urban	99	<MDL	<MDL	0.019	0.043	0.253	1.29
	Rural	21	<MDL	0.011	0.034	0.068	0.260	0.898
	Low Income	52	<MDL	<MDL	0.025	0.045	0.151	1.29
	Mid/High Income	64	<MDL	<MDL	<MDL	0.048	0.262	0.898
	Home Children	66	<MDL	<MDL	<MDL	0.061	0.260	0.898
	Day Care Children	54	<MDL	<MDL	0.028	0.043	0.253	1.29

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-18a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	122	63.1	6.30	7.12	3.34	1.17
	Urban	101	62.4	6.59	7.38	3.45	1.19
	Rural	21	66.7	4.89	5.63	2.85	1.04
	Low Income	54	75.9	8.54	8.43	4.91	1.16
	Mid/High Income	64	54.7	4.63	5.38	2.51	1.09
	Home Children	65	46.2	--	--	--	--
	Day Care Children	57	82.5	9.27	8.26	5.61	1.13
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	65.3	271	303	179	0.892
	Urban	106	68.9	288	321	186	0.930
	Rural	18	44.4	--	--	--	--
	Low Income	58	67.2	254	207	189	0.792
	Mid/High Income	62	61.3	284	378	166	0.991
	Home Children	65	47.7	--	--	--	--
	Day Care Children	59	84.7	305	294	225	0.756
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	88.8	10.1	34.5	1.59	1.79
	Urban	96	93.8	11.9	37.7	2.05	1.75
	Rural	20	65.0	1.52	3.24	0.457	1.48
	Low Income	50	80.0	1.02	1.10	0.586	1.13
	Mid/High Income	62	95.2	14.2	43.0	2.92	1.77
	Home Children	65	87.7	14.4	44.2	2.51	1.81
	Day Care Children	51	90.2	4.62	13.6	0.884	1.61
Potential Exposure – Aggregated (ng/day)	Overall	105	96.2	279	302	188	0.871
	Urban	88	97.7	298	322	197	0.911
	Rural	17	88.2	180	127	150	0.591
	Low Income	45	95.6	265	208	200	0.776
	Mid/High Income	56	96.4	282	368	172	0.947
	Home Children	63	93.7	264	344	162	0.941
	Day Care Children	42	100.0	301	227	236	0.707
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	122	63.1	28.5	32.2	15.1	1.17
	Urban	101	62.4	29.8	33.4	15.6	1.19
	Rural	21	66.7	22.1	25.5	12.9	1.04
	Low Income	54	75.9	38.6	38.1	22.2	1.16
	Mid/High Income	64	54.7	20.9	24.4	11.4	1.09
	Home Children	65	46.2	--	--	--	--
	Day Care Children	57	82.5	41.9	37.4	25.4	1.13
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	65.3	1,230	1,370	811	0.892
	Urban	106	68.9	1,300	1,450	843	0.930
	Rural	18	44.4	--	--	--	--
	Low Income	58	67.2	1,150	935	853	0.792
	Mid/High Income	62	61.3	1,290	1,710	749	0.991
	Home Children	65	47.7	--	--	--	--
	Day Care Children	59	84.7	1,380	1,330	1,020	0.756
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	88.8	45.6	156	7.17	1.79
	Urban	96	93.8	53.6	171	9.30	1.75
	Rural	20	65.0	6.87	14.6	2.07	1.48
	Low Income	50	80.0	4.60	4.99	2.65	1.13
	Mid/High Income	62	95.2	64.0	194	13.2	1.77
	Home Children	65	87.7	64.9	200	11.4	1.81
	Day Care Children	51	90.2	20.9	61.6	4.00	1.61
Potential Exposure – Aggregated (pmoles/day)	Overall	105	96.2	1,260	1,370	852	0.871
	Urban	88	97.7	1,350	1,460	891	0.911
	Rural	17	88.2	814	573	679	0.591
	Low Income	45	95.6	1,200	939	904	0.776
	Mid/High Income	56	96.4	1,280	1,660	778	0.947
	Home Children	63	93.7	1,190	1,560	734	0.941
	Day Care Children	42	100.0	1,360	1,020	1,070	0.707

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-18b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	122	<MDL	<MDL	4.00	8.15	20.5	34.8
	Urban	101	<MDL	<MDL	4.49	8.79	20.9	34.8
	Rural	21	<MDL	<MDL	3.14	5.70	18.1	18.5
	Low Income	54	<MDL	1.44	6.22	11.9	25.9	34.8
	Mid/High Income	64	<MDL	<MDL	1.31	6.34	17.2	20.5
	Home Children	65	<MDL	<MDL	<MDL	5.72	14.2	20.5
	Day Care Children	57	<MDL	1.53	6.99	14.1	25.9	34.8
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	<MDL	<MDL	188	319	881	1,920
	Urban	106	<MDL	<MDL	195	347	908	1,920
	Rural	18	<MDL	<MDL	<MDL	233	544	544
	Low Income	58	<MDL	<MDL	194	335	780	908
	Mid/High Income	62	<MDL	<MDL	169	306	951	1,920
	Home Children	65	<MDL	<MDL	<MDL	292	835	1,920
	Day Care Children	59	<MDL	133	215	335	908	1,840
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	0.453	1.45	4.40	47.6	321
	Urban	96	<MDL	0.542	1.91	4.65	76.9	321
	Rural	20	<MDL	<MDL	0.308	0.980	9.90	14.0
	Low Income	50	<MDL	0.253	0.568	1.28	2.88	5.02
	Mid/High Income	62	<MDL	0.898	2.92	11.2	47.6	321
	Home Children	65	<MDL	0.799	2.30	5.94	76.9	321
	Day Care Children	51	<MDL	0.253	0.592	2.41	25.2	83.4
Potential Exposure – Aggregated (ng/day)	Overall	105	<MDL	96.4	193	343	836	2,250
	Urban	88	<MDL	94.2	203	381	917	2,250
	Rural	17	<MDL	99.9	121	234	551	551
	Low Income	45	<MDL	112	207	358	724	917
	Mid/High Income	56	<MDL	83.6	165	311	985	2,250
	Home Children	63	<MDL	81.4	131	322	836	2,250
	Day Care Children	42	52.6	137	237	368	801	961
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	122	<MDL	<MDL	18.1	36.9	92.9	157
	Urban	101	<MDL	<MDL	20.3	39.8	94.5	157
	Rural	21	<MDL	<MDL	14.2	25.8	82.1	83.5
	Low Income	54	<MDL	6.50	28.2	53.8	117	157
	Mid/High Income	64	<MDL	<MDL	5.93	28.7	77.8	92.9
	Home Children	65	<MDL	<MDL	<MDL	25.9	64.2	92.9
	Day Care Children	57	<MDL	6.92	31.6	63.7	117	157
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	<MDL	<MDL	852	1,440	3,980	8,710
	Urban	106	<MDL	<MDL	882	1,570	4,110	8,710
	Rural	18	<MDL	<MDL	<MDL	1,050	2,460	2,460
	Low Income	58	<MDL	<MDL	879	1,510	3,530	4,110
	Mid/High Income	62	<MDL	<MDL	765	1,380	4,300	8,710
	Home Children	65	<MDL	<MDL	<MDL	1,320	3,780	8,710
	Day Care Children	59	<MDL	603	975	1,510	4,110	8,320
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	2.05	6.56	19.9	215	1,450
	Urban	96	<MDL	2.45	8.65	21.1	348	1,450
	Rural	20	<MDL	<MDL	1.39	4.43	44.8	63.4
	Low Income	50	<MDL	1.15	2.57	5.79	13.0	22.7
	Mid/High Income	62	<MDL	4.06	13.2	50.7	215	1,450
	Home Children	65	<MDL	3.61	10.4	26.9	348	1,450
	Day Care Children	51	<MDL	1.15	2.68	10.9	114	377
Potential Exposure – Aggregated (pmoles/day)	Overall	105	<MDL	436	873	1,550	3,780	10,200
	Urban	88	<MDL	426	920	1,720	4,150	10,200
	Rural	17	<MDL	452	547	1,060	2,490	2,490
	Low Income	45	<MDL	506	936	1,620	3,280	4,150
	Mid/High Income	56	<MDL	378	746	1,410	4,460	10,200
	Home Children	63	<MDL	368	591	1,460	3,780	10,200
	Day Care Children	42	238	619	1,070	1,660	3,620	4,350

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-18c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	63.1	0.189	0.223	0.100	1.15
	Urban	101	62.4	0.200	0.232	0.104	1.18
	Rural	21	66.7	0.137	0.163	0.080	1.02
	Low Income	54	75.9	0.249	0.259	0.140	1.17
	Mid/High Income	64	54.7	0.146	0.181	0.079	1.08
	Home Children	65	46.2	--	--	--	--
	Day Care Children	57	82.5	0.270	0.251	0.156	1.18
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	65.3	8.10	9.00	5.31	0.894
	Urban	106	68.9	8.67	9.52	5.57	0.934
	Rural	18	44.4	--	--	--	--
	Low Income	58	67.2	7.31	6.60	5.29	0.809
	Mid/High Income	62	61.3	8.80	11.0	5.20	0.987
	Home Children	65	47.7	--	--	--	--
	Day Care Children	59	84.7	8.54	8.01	6.29	0.759
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	88.8	0.320	1.09	0.047	1.85
	Urban	96	93.8	0.376	1.19	0.062	1.80
	Rural	20	65.0	0.051	0.128	0.013	1.55
	Low Income	50	80.0	0.033	0.043	0.017	1.23
	Mid/High Income	62	95.2	0.463	1.37	0.092	1.80
	Home Children	65	87.7	0.466	1.40	0.080	1.86
	Day Care Children	51	90.2	0.134	0.396	0.025	1.64
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	105	96.2	8.33	9.35	5.56	0.875
	Urban	88	97.7	9.00	9.97	5.88	0.916
	Rural	17	88.2	4.91	3.49	4.16	0.551
	Low Income	45	95.6	7.33	6.02	5.47	0.782
	Mid/High Income	56	96.4	8.99	11.5	5.43	0.957
	Home Children	63	93.7	8.46	11.0	5.09	0.966
	Day Care Children	42	100.0	8.15	6.29	6.35	0.707
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	63.1	0.856	1.01	0.450	1.15
	Urban	101	62.4	0.904	1.05	0.471	1.18
	Rural	21	66.7	0.622	0.738	0.363	1.02
	Low Income	54	75.9	1.13	1.17	0.632	1.17
	Mid/High Income	64	54.7	0.662	0.818	0.356	1.08
	Home Children	65	46.2	--	--	--	--
	Day Care Children	57	82.5	1.22	1.13	0.705	1.18
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	65.3	36.6	40.7	24.0	0.894
	Urban	106	68.9	39.2	43.1	25.2	0.934
	Rural	18	44.4	--	--	--	--
	Low Income	58	67.2	33.1	29.9	24.0	0.809
	Mid/High Income	62	61.3	39.8	49.6	23.5	0.987
	Home Children	65	47.7	--	--	--	--
	Day Care Children	59	84.7	38.7	36.3	28.5	0.759
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	88.8	1.45	4.93	0.215	1.85
	Urban	96	93.8	1.70	5.38	0.282	1.80
	Rural	20	65.0	0.231	0.579	0.058	1.55
	Low Income	50	80.0	0.150	0.195	0.075	1.23
	Mid/High Income	62	95.2	2.10	6.21	0.416	1.80
	Home Children	65	87.7	2.11	6.34	0.360	1.86
	Day Care Children	51	90.2	0.606	1.79	0.111	1.64
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	105	96.2	37.7	42.3	25.1	0.875
	Urban	88	97.7	40.7	45.1	26.6	0.916
	Rural	17	88.2	22.2	15.8	18.8	0.551
	Low Income	45	95.6	33.2	27.2	24.8	0.782
	Mid/High Income	56	96.4	40.7	52.1	24.6	0.957
	Home Children	63	93.7	38.3	49.6	23.0	0.966
	Day Care Children	42	100.0	36.9	28.4	28.7	0.707

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-18d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	<MDL	<MDL	0.099	0.250	0.607	1.04
	Urban	101	<MDL	<MDL	0.101	0.262	0.712	1.04
	Rural	21	<MDL	<MDL	0.084	0.133	0.508	0.514
	Low Income	54	<MDL	0.038	0.165	0.356	0.800	1.04
	Mid/High Income	64	<MDL	<MDL	0.042	0.199	0.508	0.905
	Home Children	65	<MDL	<MDL	<MDL	0.154	0.401	0.905
	Day Care Children	57	<MDL	0.043	0.205	0.425	0.765	1.04
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	<MDL	<MDL	4.84	9.75	24.2	60.6
	Urban	106	<MDL	<MDL	5.23	10.9	30.3	60.6
	Rural	18	<MDL	<MDL	<MDL	5.73	15.8	15.8
	Low Income	58	<MDL	<MDL	5.05	9.42	17.9	34.6
	Mid/High Income	62	<MDL	<MDL	4.29	9.01	31.5	60.6
	Home Children	65	<MDL	<MDL	<MDL	8.55	24.2	60.6
	Day Care Children	59	<MDL	3.74	6.09	10.7	30.3	43.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	0.012	0.042	0.144	1.42	10.1
	Urban	96	<MDL	0.014	0.065	0.159	2.23	10.1
	Rural	20	<MDL	<MDL	0.009	0.028	0.365	0.571
	Low Income	50	<MDL	0.007	0.014	0.042	0.147	0.198
	Mid/High Income	62	<MDL	0.024	0.089	0.411	1.42	10.1
	Home Children	65	<MDL	0.016	0.074	0.211	2.23	10.1
	Day Care Children	51	<MDL	0.007	0.015	0.066	0.591	2.42
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	105	<MDL	2.95	4.93	9.75	22.5	70.8
	Urban	88	<MDL	3.08	5.69	12.0	24.2	70.8
	Rural	17	<MDL	2.86	3.35	5.75	16.0	16.0
	Low Income	45	<MDL	3.17	5.75	9.45	18.4	30.6
	Mid/High Income	56	<MDL	2.42	4.03	9.29	31.6	70.8
	Home Children	63	<MDL	2.68	3.73	9.21	24.2	70.8
	Day Care Children	42	1.95	3.31	6.32	10.2	18.5	30.6
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	<MDL	<MDL	0.446	1.13	2.75	4.69
	Urban	101	<MDL	<MDL	0.456	1.18	3.22	4.69
	Rural	21	<MDL	<MDL	0.381	0.601	2.30	2.32
	Low Income	54	<MDL	0.170	0.745	1.61	3.62	4.69
	Mid/High Income	64	<MDL	<MDL	0.188	0.900	2.30	4.09
	Home Children	65	<MDL	<MDL	<MDL	0.695	1.81	4.09
	Day Care Children	57	<MDL	0.196	0.928	1.92	3.46	4.69
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	<MDL	<MDL	21.9	44.1	109	274
	Urban	106	<MDL	<MDL	23.7	49.4	137	274
	Rural	18	<MDL	<MDL	<MDL	25.9	71.3	71.3
	Low Income	58	<MDL	<MDL	22.8	42.6	80.9	157
	Mid/High Income	62	<MDL	<MDL	19.4	40.8	143	274
	Home Children	65	<MDL	<MDL	<MDL	38.7	109	274
	Day Care Children	59	<MDL	16.9	27.5	48.3	137	195
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	0.055	0.189	0.651	6.41	45.7
	Urban	96	<MDL	0.063	0.292	0.721	10.1	45.7
	Rural	20	<MDL	<MDL	0.043	0.129	1.65	2.58
	Low Income	50	<MDL	0.029	0.065	0.188	0.663	0.894
	Mid/High Income	62	<MDL	0.109	0.404	1.86	6.41	45.7
	Home Children	65	<MDL	0.074	0.335	0.956	10.1	45.7
	Day Care Children	51	<MDL	0.029	0.068	0.300	2.67	10.9
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	105	<MDL	13.4	22.3	44.1	102	320
	Urban	88	<MDL	13.9	25.8	54.2	110	320
	Rural	17	<MDL	13.0	15.1	26.0	72.3	72.3
	Low Income	45	<MDL	14.3	26.0	42.8	83.1	138
	Mid/High Income	56	<MDL	11.0	18.2	42.0	143	320
	Home Children	63	<MDL	12.1	16.9	41.7	110	320
	Day Care Children	42	8.80	15.0	28.6	46.2	83.6	138

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-19a. Heptachlor (76-44-8): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	97.6	205	400	76.4	1.39
	Urban	103	99.0	182	399	71.7	1.25
	Rural	21	90.5	317	394	104	1.92
	Low Income	55	98.2	215	355	87.8	1.43
	Mid/High Income	65	96.9	169	345	66.3	1.31
	Home Children	65	95.4	195	453	57.5	1.53
	Day Care Children	59	100.0	216	337	104	1.14
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	18.4	--	--	--	--
	Urban	104	19.2	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	57	19.3	--	--	--	--
	Mid/High Income	64	17.2	--	--	--	--
	Home Children	65	20.0	--	--	--	--
	Day Care Children	60	16.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	54.6	5.32	13.7	0.764	2.24
	Urban	98	54.1	5.18	14.6	0.717	2.21
	Rural	21	57.1	5.96	8.43	1.03	2.39
	Low Income	51	51.0	5.38	9.67	0.740	2.41
	Mid/High Income	64	54.7	5.15	16.5	0.702	2.13
	Home Children	65	43.1	--	--	--	--
	Day Care Children	54	68.5	5.29	8.73	1.10	2.22
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	97.6	549	1,070	205	1.39
	Urban	103	99.0	488	1,070	192	1.25
	Rural	21	90.5	849	1,060	279	1.92
	Low Income	55	98.2	577	951	235	1.43
	Mid/High Income	65	96.9	453	925	178	1.31
	Home Children	65	95.4	523	1,210	154	1.53
	Day Care Children	59	100.0	578	901	280	1.14
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	18.4	--	--	--	--
	Urban	104	19.2	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	57	19.3	--	--	--	--
	Mid/High Income	64	17.2	--	--	--	--
	Home Children	65	20.0	--	--	--	--
	Day Care Children	60	16.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	54.6	14.2	36.6	2.05	2.24
	Urban	98	54.1	13.9	39.0	1.92	2.21
	Rural	21	57.1	16.0	22.6	2.76	2.39
	Low Income	51	51.0	14.4	25.9	1.98	2.41
	Mid/High Income	64	54.7	13.8	44.2	1.88	2.13
	Home Children	65	43.1	--	--	--	--
	Day Care Children	54	68.5	14.2	23.4	2.96	2.22

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-19b. Heptachlor (76-44-8): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	34.5	62.4	204	732	2,470
	Urban	103	<MDL	31.2	56.0	193	670	2,470
	Rural	21	<MDL	36.4	79.8	511	1,170	1,260
	Low Income	55	<MDL	40.3	69.0	255	1,170	2,000
	Mid/High Income	65	<MDL	28.6	51.1	182	681	2,470
	Home Children	65	<MDL	28.5	39.5	158	732	2,470
	Day Care Children	59	15.0	45.6	72.5	255	917	2,000
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	272	591
	Urban	104	<MDL	<MDL	<MDL	<MDL	272	591
	Rural	21	<MDL	<MDL	<MDL	<MDL	208	321
	Low Income	57	<MDL	<MDL	<MDL	<MDL	305	356
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	250	591
	Home Children	65	<MDL	<MDL	<MDL	<MDL	305	591
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	258	356
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	<MDL	0.915	5.85	20.6	129
	Urban	98	<MDL	<MDL	0.815	4.88	20.6	129
	Rural	21	<MDL	<MDL	1.10	7.00	19.5	31.6
	Low Income	51	<MDL	<MDL	0.930	5.93	29.0	50.1
	Mid/High Income	64	<MDL	<MDL	0.626	4.56	15.1	129
	Home Children	65	<MDL	<MDL	<MDL	4.14	20.6	129
	Day Care Children	54	<MDL	<MDL	1.98	6.42	19.5	50.1
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	92.5	167	548	1,960	6,600
	Urban	103	<MDL	83.5	150	518	1,800	6,600
	Rural	21	<MDL	97.6	214	1,370	3,130	3,360
	Low Income	55	<MDL	108	185	684	3,130	5,350
	Mid/High Income	65	<MDL	76.7	137	486	1,820	6,600
	Home Children	65	<MDL	76.4	106	423	1,960	6,600
	Day Care Children	59	40.1	122	194	684	2,460	5,350
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	730	1,580
	Urban	104	<MDL	<MDL	<MDL	<MDL	730	1,580
	Rural	21	<MDL	<MDL	<MDL	<MDL	557	859
	Low Income	57	<MDL	<MDL	<MDL	<MDL	818	954
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	669	1,580
	Home Children	65	<MDL	<MDL	<MDL	<MDL	818	1,580
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	691	954
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	<MDL	2.45	15.7	55.3	345
	Urban	98	<MDL	<MDL	2.18	13.1	55.3	345
	Rural	21	<MDL	<MDL	2.93	18.8	52.4	84.7
	Low Income	51	<MDL	<MDL	2.49	15.9	77.7	134
	Mid/High Income	64	<MDL	<MDL	1.68	12.2	40.4	345
	Home Children	65	<MDL	<MDL	<MDL	11.1	55.3	345
	Day Care Children	54	<MDL	<MDL	5.29	17.2	52.4	134

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-19c. Heptachlor (76-44-8): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	97.6	6.37	13.8	2.28	1.39
	Urban	103	99.0	5.91	14.4	2.17	1.27
	Rural	21	90.5	8.64	10.7	2.93	1.90
	Low Income	55	98.2	6.39	11.0	2.51	1.44
	Mid/High Income	65	96.9	5.98	15.5	2.07	1.33
	Home Children	65	95.4	6.55	16.5	1.83	1.54
	Day Care Children	59	100.0	6.18	10.2	2.91	1.17
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	18.4	--	--	--	--
	Urban	104	19.2	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	57	19.3	--	--	--	--
	Mid/High Income	64	17.2	--	--	--	--
	Home Children	65	20.0	--	--	--	--
	Day Care Children	60	16.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	54.6	0.177	0.591	0.023	2.26
	Urban	98	54.1	0.178	0.643	0.022	2.24
	Rural	21	57.1	0.170	0.241	0.029	2.41
	Low Income	51	51.0	0.144	0.234	0.021	2.40
	Mid/High Income	64	54.7	0.204	0.780	0.022	2.19
	Home Children	65	43.1	--	--	--	--
	Day Care Children	54	68.5	0.143	0.211	0.031	2.21
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	97.6	17.1	37.0	6.11	1.39
	Urban	103	99.0	15.8	38.5	5.80	1.27
	Rural	21	90.5	23.1	28.6	7.84	1.90
	Low Income	55	98.2	17.1	29.4	6.74	1.44
	Mid/High Income	65	96.9	16.0	41.5	5.54	1.33
	Home Children	65	95.4	17.6	44.3	4.89	1.54
	Day Care Children	59	100.0	16.5	27.3	7.80	1.17
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	18.4	--	--	--	--
	Urban	104	19.2	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	57	19.3	--	--	--	--
	Mid/High Income	64	17.2	--	--	--	--
	Home Children	65	20.0	--	--	--	--
	Day Care Children	60	16.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	54.6	0.473	1.58	0.061	2.26
	Urban	98	54.1	0.477	1.72	0.058	2.24
	Rural	21	57.1	0.455	0.645	0.077	2.41
	Low Income	51	51.0	0.386	0.627	0.056	2.40
	Mid/High Income	64	54.7	0.545	2.09	0.059	2.19
	Home Children	65	43.1	--	--	--	--
	Day Care Children	54	68.5	0.382	0.564	0.082	2.21

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-19d. Heptachlor (76-44-8): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	1.04	1.71	6.10	28.9	118
	Urban	103	<MDL	0.980	1.64	5.26	21.4	118
	Rural	21	<MDL	1.33	2.25	14.0	31.4	31.4
	Low Income	55	<MDL	1.14	2.04	7.06	31.4	64.6
	Mid/High Income	65	<MDL	0.874	1.54	5.36	21.4	118
	Home Children	65	<MDL	0.808	1.37	3.81	31.4	118
	Day Care Children	59	0.253	1.32	2.29	7.06	28.9	64.6
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	9.15	15.9
	Urban	104	<MDL	<MDL	<MDL	<MDL	9.15	15.9
	Rural	21	<MDL	<MDL	<MDL	<MDL	5.45	9.29
	Low Income	57	<MDL	<MDL	<MDL	<MDL	9.29	10.9
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	9.15	15.9
	Home Children	65	<MDL	<MDL	<MDL	<MDL	9.15	15.9
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	8.59	10.9
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	<MDL	0.028	0.163	0.650	6.17
	Urban	98	<MDL	<MDL	0.028	0.140	0.650	6.17
	Rural	21	<MDL	<MDL	0.031	0.286	0.566	0.916
	Low Income	51	<MDL	<MDL	0.028	0.165	0.779	0.916
	Mid/High Income	64	<MDL	<MDL	0.019	0.151	0.594	6.17
	Home Children	65	<MDL	<MDL	<MDL	0.144	0.650	6.17
	Day Care Children	54	<MDL	<MDL	0.056	0.213	0.594	0.916
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	2.79	4.58	16.3	77.3	316
	Urban	103	<MDL	2.63	4.41	14.1	57.4	316
	Rural	21	<MDL	3.56	6.03	37.5	84.1	84.2
	Low Income	55	<MDL	3.06	5.47	18.9	84.1	173
	Mid/High Income	65	<MDL	2.34	4.12	14.4	57.4	316
	Home Children	65	<MDL	2.16	3.67	10.2	84.1	316
	Day Care Children	59	0.679	3.53	6.12	18.9	77.3	173
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	24.5	42.5
	Urban	104	<MDL	<MDL	<MDL	<MDL	24.5	42.5
	Rural	21	<MDL	<MDL	<MDL	<MDL	14.6	24.9
	Low Income	57	<MDL	<MDL	<MDL	<MDL	24.9	29.2
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	24.5	42.5
	Home Children	65	<MDL	<MDL	<MDL	<MDL	24.5	42.5
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	23.0	29.2
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	<MDL	0.075	0.436	1.74	16.5
	Urban	98	<MDL	<MDL	0.075	0.375	1.74	16.5
	Rural	21	<MDL	<MDL	0.083	0.765	1.52	2.45
	Low Income	51	<MDL	<MDL	0.076	0.442	2.09	2.45
	Mid/High Income	64	<MDL	<MDL	0.051	0.404	1.59	16.5
	Home Children	65	<MDL	<MDL	<MDL	0.386	1.74	16.5
	Day Care Children	54	<MDL	<MDL	0.150	0.570	1.59	2.45

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-20a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	75.0	1.41	1.49	1.000	0.768
	Urban	103	75.7	1.44	1.51	1.01	0.778
	Rural	21	71.4	1.28	1.40	0.928	0.735
	Low Income	55	87.3	1.77	1.61	1.30	0.766
	Mid/High Income	65	64.6	1.12	1.35	0.795	0.712
	Home Children	65	64.6	1.43	1.71	0.949	0.805
	Day Care Children	59	86.4	1.40	1.21	1.06	0.728
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	0.8	--	--	--	--
	Urban	107	0.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	24.6	65.9	9.26	1.20
	Urban	95	100.0	20.8	39.8	9.54	1.14
	Rural	21	100.0	41.7	131	8.10	1.45
	Low Income	52	100.0	16.8	28.0	8.18	1.17
	Mid/High Income	60	100.0	32.4	87.5	10.7	1.23
	Home Children	62	100.0	16.1	27.3	8.02	1.11
	Day Care Children	54	100.0	34.3	91.6	10.9	1.29
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	75.0	5.12	5.38	3.62	0.768
	Urban	103	75.7	5.22	5.46	3.67	0.778
	Rural	21	71.4	4.62	5.08	3.36	0.735
	Low Income	55	87.3	6.41	5.84	4.69	0.766
	Mid/High Income	65	64.6	4.04	4.89	2.88	0.712
	Home Children	65	64.6	5.17	6.20	3.43	0.805
	Day Care Children	59	86.4	5.06	4.37	3.83	0.728
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	0.8	--	--	--	--
	Urban	107	0.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	88.9	239	33.5	1.20
	Urban	95	100.0	75.2	144	34.5	1.14
	Rural	21	100.0	151	474	29.3	1.45
	Low Income	52	100.0	60.9	101	29.6	1.17
	Mid/High Income	60	100.0	117	317	38.8	1.23
	Home Children	62	100.0	58.2	98.8	29.0	1.11
	Day Care Children	54	100.0	124	332	39.5	1.29

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-20b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	0.827	1.59	5.07	7.82
	Urban	103	<MDL	0.551	0.831	1.68	5.07	7.82
	Rural	21	<MDL	<MDL	0.623	1.48	3.04	6.67
	Low Income	55	<MDL	0.671	1.19	2.19	6.31	6.67
	Mid/High Income	65	<MDL	<MDL	0.584	1.01	3.94	7.82
	Home Children	65	<MDL	<MDL	0.711	1.33	6.31	7.82
	Day Care Children	59	<MDL	0.577	0.910	1.87	4.07	6.40
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	51.1
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	51.1
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	45.2
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	45.8
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.552	4.59	7.42	18.3	117	604
	Urban	95	0.552	5.09	8.01	20.0	108	285
	Rural	21	1.25	3.80	5.31	13.8	117	604
	Low Income	52	0.552	3.83	7.64	14.6	75.5	163
	Mid/High Income	60	1.47	5.47	7.56	21.6	135	604
	Home Children	62	0.552	4.30	6.64	15.9	41.2	163
	Day Care Children	54	1.25	4.89	9.55	20.9	148	604
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	2.99	5.76	18.3	28.3
	Urban	103	<MDL	1.99	3.01	6.07	18.3	28.3
	Rural	21	<MDL	<MDL	2.25	5.34	11.0	24.1
	Low Income	55	<MDL	2.43	4.30	7.94	22.8	24.1
	Mid/High Income	65	<MDL	<MDL	2.11	3.66	14.3	28.3
	Home Children	65	<MDL	<MDL	2.57	4.83	22.8	28.3
	Day Care Children	59	<MDL	2.09	3.29	6.75	14.7	23.1
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	185
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	185
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	164
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	166
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	2.00	16.6	26.9	66.1	422	2,180
	Urban	95	2.00	18.4	29.0	72.2	390	1,030
	Rural	21	4.53	13.8	19.2	50.0	422	2,180
	Low Income	52	2.00	13.9	27.6	52.7	273	588
	Mid/High Income	60	5.34	19.8	27.3	78.2	488	2,180
	Home Children	62	2.00	15.6	24.0	57.7	149	588
	Day Care Children	54	4.53	17.7	34.6	75.6	537	2,180

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-20c. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	75.0	0.045	0.059	0.030	0.807
	Urban	103	75.7	0.047	0.063	0.031	0.826
	Rural	21	71.4	0.035	0.036	0.026	0.711
	Low Income	55	87.3	0.055	0.072	0.037	0.818
	Mid/High Income	65	64.6	0.037	0.047	0.025	0.775
	Home Children	65	64.6	0.050	0.076	0.030	0.857
	Day Care Children	59	86.4	0.039	0.033	0.030	0.756
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	0.8	--	--	--	--
	Urban	107	0.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.765	2.07	0.274	1.25
	Urban	95	100.0	0.636	1.20	0.286	1.18
	Rural	21	100.0	1.35	4.17	0.227	1.57
	Low Income	52	100.0	0.500	0.850	0.231	1.22
	Mid/High Income	60	100.0	1.03	2.75	0.333	1.27
	Home Children	62	100.0	0.558	1.00	0.252	1.19
	Day Care Children	54	100.0	1.00	2.83	0.302	1.32
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	75.0	0.162	0.215	0.108	0.807
	Urban	103	75.7	0.169	0.228	0.111	0.826
	Rural	21	71.4	0.127	0.130	0.094	0.711
	Low Income	55	87.3	0.200	0.261	0.134	0.818
	Mid/High Income	65	64.6	0.133	0.169	0.090	0.775
	Home Children	65	64.6	0.180	0.273	0.109	0.857
	Day Care Children	59	86.4	0.143	0.120	0.107	0.756
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	0.8	--	--	--	--
	Urban	107	0.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	58	1.7	--	--	--	--
	Mid/High Income	66	0.0	--	--	--	--
	Home Children	66	0.0	--	--	--	--
	Day Care Children	62	1.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	2.77	7.48	0.992	1.25
	Urban	95	100.0	2.30	4.34	1.03	1.18
	Rural	21	100.0	4.88	15.1	0.823	1.57
	Low Income	52	100.0	1.81	3.07	0.835	1.22
	Mid/High Income	60	100.0	3.73	9.94	1.21	1.27
	Home Children	62	100.0	2.02	3.62	0.911	1.19
	Day Care Children	54	100.0	3.63	10.2	1.09	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-20d. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.025	0.048	0.168	0.492
	Urban	103	<MDL	0.017	0.025	0.050	0.168	0.492
	Rural	21	<MDL	<MDL	0.019	0.042	0.082	0.171
	Low Income	55	<MDL	0.018	0.034	0.064	0.171	0.492
	Mid/High Income	65	<MDL	<MDL	0.020	0.038	0.150	0.278
	Home Children	65	<MDL	<MDL	0.023	0.044	0.178	0.492
	Day Care Children	59	<MDL	0.016	0.026	0.054	0.123	0.168
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	1.87
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	1.87
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	1.57
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.87
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.016	0.131	0.244	0.521	4.10	19.0
	Urban	95	0.016	0.139	0.249	0.560	2.58	8.27
	Rural	21	0.031	0.101	0.179	0.401	4.75	19.0
	Low Income	52	0.016	0.102	0.255	0.435	2.45	5.11
	Mid/High Income	60	0.043	0.166	0.244	0.697	4.85	19.0
	Home Children	62	0.016	0.125	0.220	0.495	1.62	5.11
	Day Care Children	54	0.031	0.133	0.269	0.560	4.95	19.0
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.090	0.173	0.607	1.78
	Urban	103	<MDL	0.061	0.090	0.181	0.607	1.78
	Rural	21	<MDL	<MDL	0.067	0.153	0.296	0.618
	Low Income	55	<MDL	0.066	0.122	0.232	0.618	1.78
	Mid/High Income	65	<MDL	<MDL	0.071	0.136	0.542	1.01
	Home Children	65	<MDL	<MDL	0.083	0.161	0.645	1.78
	Day Care Children	59	<MDL	0.059	0.095	0.196	0.446	0.607
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	6.76
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	6.76
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	5.67
	Mid/High Income	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	66	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	62	<MDL	<MDL	<MDL	<MDL	<MDL	6.76
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.059	0.473	0.883	1.88	14.8	68.7
	Urban	95	0.059	0.504	0.901	2.03	9.34	29.9
	Rural	21	0.113	0.366	0.647	1.45	17.2	68.7
	Low Income	52	0.059	0.369	0.921	1.57	8.85	18.5
	Mid/High Income	60	0.155	0.602	0.883	2.52	17.6	68.7
	Home Children	62	0.059	0.451	0.797	1.79	5.85	18.5
	Day Care Children	54	0.113	0.481	0.975	2.03	17.9	68.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-21a. Pentachlorophenol (87-86-5): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	122	99.2	26.1	41.5	13.9	1.03
	Urban	101	99.0	21.1	28.1	12.8	0.956
	Rural	21	100.0	50.2	75.8	20.9	1.29
	Low Income	54	100.0	26.6	32.7	17.9	0.846
	Mid/High Income	64	98.4	26.6	48.9	11.5	1.16
	Home Children	65	98.5	22.9	40.3	10.8	1.10
	Day Care Children	57	100.0	29.8	42.9	18.6	0.871
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	15.3	--	--	--	--
	Urban	106	17.0	--	--	--	--
	Rural	18	5.6	--	--	--	--
	Low Income	58	15.5	--	--	--	--
	Mid/High Income	62	16.1	--	--	--	--
	Home Children	65	9.2	--	--	--	--
	Day Care Children	59	22.0	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	96.6	7.42	12.1	3.31	1.29
	Urban	96	96.9	7.48	12.4	3.26	1.32
	Rural	21	95.2	7.17	11.2	3.54	1.12
	Low Income	50	100.0	7.77	12.6	3.42	1.33
	Mid/High Income	63	93.7	7.46	12.2	3.30	1.29
	Home Children	65	93.8	8.02	13.0	3.54	1.28
	Day Care Children	52	100.0	6.68	11.0	3.03	1.30
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	122	99.2	98.0	156	52.3	1.03
	Urban	101	99.0	79.2	105	48.0	0.956
	Rural	21	100.0	188	284	78.6	1.29
	Low Income	54	100.0	99.8	123	67.2	0.846
	Mid/High Income	64	98.4	00.0	184	43.1	1.16
	Home Children	65	98.5	85.9	151	40.6	1.10
	Day Care Children	57	100.0	112	161	69.7	0.871
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	15.3	--	--	--	--
	Urban	106	17.0	--	--	--	--
	Rural	18	5.6	--	--	--	--
	Low Income	58	15.5	--	--	--	--
	Mid/High Income	62	16.1	--	--	--	--
	Home Children	65	9.2	--	--	--	--
	Day Care Children	59	22.0	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	96.6	27.9	45.5	12.4	1.29
	Urban	96	96.9	28.1	46.4	12.2	1.32
	Rural	21	95.2	26.9	42.0	13.3	1.12
	Low Income	50	100.0	29.2	47.2	12.8	1.33
	Mid/High Income	63	93.7	28.0	45.7	12.4	1.29
	Home Children	65	93.8	30.1	48.7	13.3	1.28
	Day Care Children	52	100.0	25.1	41.5	11.4	1.30

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-21b. Pentachlorophenol (87-86-5): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	122	<MDL	6.69	12.2	26.1	110	229
	Urban	101	<MDL	6.27	11.6	25.8	67.6	199
	Rural	21	2.22	9.88	16.7	29.3	211	229
	Low Income	54	3.17	9.88	16.8	29.3	83.7	211
	Mid/High Income	64	<MDL	5.40	9.46	20.5	146	229
	Home Children	65	<MDL	5.11	9.65	16.7	110	211
	Day Care Children	57	4.71	9.69	16.7	29.1	146	229
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	192	421
	Urban	106	<MDL	<MDL	<MDL	<MDL	197	421
	Rural	18	<MDL	<MDL	<MDL	<MDL	149	149
	Low Income	58	<MDL	<MDL	<MDL	<MDL	397	421
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	192	416
	Home Children	65	<MDL	<MDL	<MDL	<MDL	155	264
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	416	421
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	<MDL	1.42	3.35	7.94	31.6	72.7
	Urban	96	<MDL	1.40	3.40	8.16	25.3	72.7
	Rural	21	<MDL	1.75	2.93	5.11	38.0	40.6
	Low Income	50	0.178	1.75	3.52	6.53	31.6	72.7
	Mid/High Income	63	<MDL	1.39	3.06	8.69	25.3	69.2
	Home Children	65	<MDL	1.42	3.46	8.09	38.0	72.7
	Day Care Children	52	0.178	1.47	2.99	6.89	23.5	69.2
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	122	<MDL	25.1	45.9	97.8	412	861
	Urban	101	<MDL	23.5	43.5	96.8	254	747
	Rural	21	8.35	37.1	62.7	110	792	861
	Low Income	54	11.9	37.1	63.0	110	314	792
	Mid/High Income	64	<MDL	20.3	35.5	76.8	550	861
	Home Children	65	<MDL	19.2	36.2	62.7	412	792
	Day Care Children	57	17.7	36.4	62.5	109	550	861
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	722	1,580
	Urban	106	<MDL	<MDL	<MDL	<MDL	740	1,580
	Rural	18	<MDL	<MDL	<MDL	<MDL	559	559
	Low Income	58	<MDL	<MDL	<MDL	<MDL	1,490	1,580
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	722	1,560
	Home Children	65	<MDL	<MDL	<MDL	<MDL	582	993
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	1,560	1,580
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	<MDL	5.34	12.6	29.8	119	273
	Urban	96	<MDL	5.26	12.8	30.6	94.9	273
	Rural	21	<MDL	6.56	11.0	19.2	143	152
	Low Income	50	0.668	6.56	13.2	24.5	119	273
	Mid/High Income	63	<MDL	5.21	11.5	32.6	94.9	260
	Home Children	65	<MDL	5.34	13.0	30.4	143	273
	Day Care Children	52	0.668	5.53	11.2	25.9	88.3	260

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-21c. Pentachlorophenol (87-86-5): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	99.2	0.799	1.26	0.416	1.04
	Urban	101	99.0	0.675	0.980	0.387	0.974
	Rural	21	100.0	1.40	2.10	0.588	1.26
	Low Income	54	100.0	0.816	1.08	0.509	0.908
	Mid/High Income	64	98.4	0.816	1.44	0.359	1.13
	Home Children	65	98.5	0.746	1.29	0.344	1.11
	Day Care Children	57	100.0	0.860	1.24	0.516	0.909
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	15.3	--	--	--	--
	Urban	106	17.0	--	--	--	--
	Rural	18	5.6	--	--	--	--
	Low Income	58	15.5	--	--	--	--
	Mid/High Income	62	16.1	--	--	--	--
	Home Children	65	9.2	--	--	--	--
	Day Care Children	59	22.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	96.6	0.221	0.332	0.099	1.32
	Urban	96	96.9	0.222	0.331	0.099	1.35
	Rural	21	95.2	0.217	0.346	0.099	1.19
	Low Income	50	100.0	0.222	0.349	0.097	1.35
	Mid/High Income	63	93.7	0.230	0.329	0.104	1.32
	Home Children	65	93.8	0.250	0.369	0.112	1.30
	Day Care Children	52	100.0	0.185	0.279	0.085	1.33
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	99.2	3.00	4.74	1.56	1.04
	Urban	101	99.0	2.53	3.68	1.45	0.974
	Rural	21	100.0	5.25	7.87	2.21	1.26
	Low Income	54	100.0	3.06	4.04	1.91	0.908
	Mid/High Income	64	98.4	3.07	5.40	1.35	1.13
	Home Children	65	98.5	2.80	4.84	1.29	1.11
	Day Care Children	57	100.0	3.23	4.65	1.94	0.909
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	15.3	--	--	--	--
	Urban	106	17.0	--	--	--	--
	Rural	18	5.6	--	--	--	--
	Low Income	58	15.5	--	--	--	--
	Mid/High Income	62	16.1	--	--	--	--
	Home Children	65	9.2	--	--	--	--
	Day Care Children	59	22.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	96.6	0.831	1.25	0.372	1.32
	Urban	96	96.9	0.834	1.24	0.371	1.35
	Rural	21	95.2	0.815	1.30	0.373	1.19
	Low Income	50	100.0	0.832	1.31	0.365	1.35
	Mid/High Income	63	93.7	0.865	1.24	0.390	1.32
	Home Children	65	93.8	0.939	1.39	0.422	1.30
	Day Care Children	52	100.0	0.695	1.05	0.317	1.33

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-21d. Pentachlorophenol (87-86-5): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	<MDL	0.198	0.344	0.775	4.65	6.31
	Urban	101	<MDL	0.196	0.322	0.726	2.18	5.77
	Rural	21	0.091	0.318	0.431	0.850	5.78	6.31
	Low Income	54	0.094	0.260	0.462	0.851	3.10	5.40
	Mid/High Income	64	<MDL	0.168	0.270	0.611	4.74	6.31
	Home Children	65	<MDL	0.156	0.277	0.519	4.65	5.77
	Day Care Children	57	0.127	0.260	0.410	0.850	4.74	6.31
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	6.13	15.3
	Urban	106	<MDL	<MDL	<MDL	<MDL	7.01	15.3
	Rural	18	<MDL	<MDL	<MDL	<MDL	3.83	3.83
	Low Income	58	<MDL	<MDL	<MDL	<MDL	10.5	15.3
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	6.13	11.7
	Home Children	65	<MDL	<MDL	<MDL	<MDL	4.16	11.7
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	10.5	15.3
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	<MDL	0.038	0.105	0.260	0.967	1.95
	Urban	96	<MDL	0.038	0.107	0.267	0.898	1.95
	Rural	21	<MDL	0.039	0.081	0.134	1.13	1.24
	Low Income	50	0.005	0.039	0.108	0.251	0.967	1.95
	Mid/High Income	63	<MDL	0.036	0.105	0.273	0.898	1.62
	Home Children	65	<MDL	0.041	0.120	0.273	1.13	1.95
	Day Care Children	52	0.005	0.036	0.091	0.226	0.681	1.62
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	<MDL	0.742	1.29	2.91	17.5	23.7
	Urban	101	<MDL	0.735	1.21	2.73	8.20	21.7
	Rural	21	0.340	1.19	1.62	3.19	21.7	23.7
	Low Income	54	0.354	0.974	1.74	3.20	11.6	20.3
	Mid/High Income	64	<MDL	0.632	1.01	2.29	17.8	23.7
	Home Children	65	<MDL	0.587	1.04	1.95	17.5	21.7
	Day Care Children	57	0.475	0.974	1.54	3.19	17.8	23.7
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	<MDL	23.0	57.5
	Urban	106	<MDL	<MDL	<MDL	<MDL	26.3	57.5
	Rural	18	<MDL	<MDL	<MDL	<MDL	14.4	14.4
	Low Income	58	<MDL	<MDL	<MDL	<MDL	39.6	57.5
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	23.0	43.7
	Home Children	65	<MDL	<MDL	<MDL	<MDL	15.6	43.7
	Day Care Children	59	<MDL	<MDL	<MDL	<MDL	39.6	57.5
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	<MDL	0.144	0.396	0.975	3.63	7.33
	Urban	96	<MDL	0.143	0.400	1.00	3.37	7.33
	Rural	21	<MDL	0.146	0.302	0.503	4.25	4.66
	Low Income	50	0.018	0.146	0.405	0.944	3.63	7.33
	Mid/High Income	63	<MDL	0.136	0.396	1.03	3.37	6.09
	Home Children	65	<MDL	0.153	0.451	1.03	4.25	7.33
	Day Care Children	52	0.018	0.136	0.342	0.849	2.56	6.09

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-22a. *cis*-Permethrin (61949-76-6): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	75.8	13.2	28.5	4.17	1.46
	Urban	103	72.8	13.0	29.4	3.88	1.49
	Rural	21	90.5	13.9	24.8	5.86	1.26
	Low Income	55	92.7	22.4	39.9	8.11	1.43
	Mid/High Income	65	61.5	5.88	9.38	2.43	1.27
	Home Children	65	61.5	9.35	17.5	3.13	1.45
	Day Care Children	59	91.5	17.3	36.8	5.71	1.42
Potential Exposure via Dietary Ingestion (ng/day)	Overall	122	60.7	2,870	14,200	132	1.97
	Urban	102	63.7	3,360	15,500	142	2.03
	Rural	20	45.0	--	--	--	--
	Low Income	56	64.3	5,430	20,700	151	2.13
	Mid/High Income	62	56.5	677	1,570	114	1.83
	Home Children	63	50.8	621	1,560	88.8	1.83
	Day Care Children	59	71.2	5,270	20,100	200	2.04
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	220	670	48.4	1.57
	Urban	99	100.0	209	601	47.4	1.62
	Rural	21	100.0	271	946	53.3	1.36
	Low Income	52	100.0	118	181	58.1	1.19
	Mid/High Income	64	100.0	314	895	43.6	1.85
	Home Children	66	100.0	233	721	44.1	1.62
	Day Care Children	54	100.0	203	608	54.3	1.52
Potential Exposure – Aggregated (ng/day)	Overall	109	100.0	3,290	15,000	306	1.71
	Urban	89	100.0	3,880	16,500	329	1.77
	Rural	20	100.0	656	1,240	218	1.41
	Low Income	45	100.0	6,510	22,900	322	1.85
	Mid/High Income	60	100.0	1,030	1,760	298	1.62
	Home Children	62	100.0	867	1,690	224	1.57
	Day Care Children	47	100.0	6,490	22,400	460	1.82
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	75.8	33.6	72.9	10.6	1.46
	Urban	103	72.8	33.2	75.0	9.93	1.49
	Rural	21	90.5	35.5	63.3	15.0	1.26
	Low Income	55	92.7	57.2	102	20.7	1.43
	Mid/High Income	65	61.5	15.0	24.0	6.20	1.27
	Home Children	65	61.5	23.9	44.8	8.00	1.45
	Day Care Children	59	91.5	44.3	94.1	14.6	1.42
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	122	60.7	7,330	36,200	336	1.97
	Urban	102	63.7	8,590	39,500	364	2.03
	Rural	20	45.0	--	--	--	--
	Low Income	56	64.3	13,900	52,800	387	2.13
	Mid/High Income	62	56.5	1,730	4,030	290	1.83
	Home Children	63	50.8	1,590	3,990	227	1.83
	Day Care Children	59	71.2	13,500	51,500	512	2.04
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	561	1,710	124	1.57
	Urban	99	100.0	534	1,540	121	1.62
	Rural	21	100.0	692	2,420	136	1.36
	Low Income	52	100.0	301	464	149	1.19
	Mid/High Income	64	100.0	803	2,290	111	1.85
	Home Children	66	100.0	596	1,840	113	1.62
	Day Care Children	54	100.0	519	1,550	139	1.52
Potential Exposure – Aggregated (pmoles/day)	Overall	109	100.0	8,410	38,200	781	1.71
	Urban	89	100.0	9,930	42,200	842	1.77
	Rural	20	100.0	1,680	3,180	558	1.41
	Low Income	45	100.0	16,600	58,600	824	1.85
	Mid/High Income	60	100.0	2,630	4,510	761	1.62
	Home Children	62	100.0	2,220	4,330	573	1.57
	Day Care Children	47	100.0	16,600	57,300	1,180	1.82

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-22b. *cis*-Permethrin (61949-76-6): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	1.10	4.64	10.5	51.6	193
	Urban	103	<MDL	<MDL	4.61	10.6	51.6	193
	Rural	21	<MDL	2.26	5.85	10.3	49.9	109
	Low Income	55	<MDL	3.38	7.20	20.1	112	193
	Mid/High Income	65	<MDL	<MDL	1.47	6.43	25.9	51.6
	Home Children	65	<MDL	<MDL	2.26	7.89	49.9	109
	Day Care Children	59	<MDL	1.91	5.84	11.7	112	193
Potential Exposure via Dietary Ingestion (ng/day)	Overall	122	<MDL	<MDL	84.7	365	6,830	93,300
	Urban	102	<MDL	<MDL	89.6	372	6,900	93,300
	Rural	20	<MDL	<MDL	<MDL	346	2,490	3,720
	Low Income	56	<MDL	<MDL	91.1	321	89,000	93,300
	Mid/High Income	62	<MDL	<MDL	70.9	372	4,450	7,270
	Home Children	63	<MDL	<MDL	62.0	282	4,450	6,900
	Day Care Children	59	<MDL	<MDL	98.7	394	89,000	93,300
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	1.71	17.1	48.1	113	718	4,540
	Urban	99	1.71	14.8	47.1	116	831	4,540
	Rural	21	6.85	20.4	49.7	67.0	221	4,390
	Low Income	52	5.49	21.2	62.0	129	421	1,090
	Mid/High Income	64	1.71	12.5	34.5	113	2,510	4,540
	Home Children	66	1.71	13.2	40.1	110	1,090	4,540
	Day Care Children	54	3.63	17.3	55.8	135	604	4,390
Potential Exposure – Aggregated (ng/day)	Overall	109	21.7	88.9	246	656	6,840	93,300
	Urban	89	21.7	104	271	679	6,990	93,300
	Rural	20	36.5	73.9	187	455	4,170	4,560
	Low Income	45	43.1	97.0	246	419	89,700	93,300
	Mid/High Income	60	21.7	83.9	263	819	5,400	7,290
	Home Children	62	21.7	63.3	165	550	4,630	6,990
	Day Care Children	47	42.3	127	364	860	89,700	93,300
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	2.81	11.8	26.8	132	492
	Urban	103	<MDL	<MDL	11.8	27.2	132	492
	Rural	21	<MDL	5.78	15.0	26.3	128	278
	Low Income	55	<MDL	8.64	18.4	51.4	285	492
	Mid/High Income	65	<MDL	<MDL	3.76	16.4	66.1	132
	Home Children	65	<MDL	<MDL	5.78	20.2	128	278
	Day Care Children	59	<MDL	4.89	14.9	29.9	285	492
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	122	<MDL	<MDL	217	933	17,500	238,000
	Urban	102	<MDL	<MDL	229	951	17,600	238,000
	Rural	20	<MDL	<MDL	<MDL	885	6,350	9,510
	Low Income	56	<MDL	<MDL	233	821	228,000	238,000
	Mid/High Income	62	<MDL	<MDL	181	951	11,400	18,600
	Home Children	63	<MDL	<MDL	159	721	11,400	17,600
	Day Care Children	59	<MDL	<MDL	252	1,010	228,000	238,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	4.38	43.6	123	289	1,830	11,600
	Urban	99	4.38	37.9	120	296	2,120	11,600
	Rural	21	17.5	52.2	127	171	564	11,200
	Low Income	52	14.0	54.3	158	330	1,080	2,780
	Mid/High Income	64	4.38	31.9	88.2	289	6,400	11,600
	Home Children	66	4.38	33.6	102	282	2,780	11,600
	Day Care Children	54	9.27	44.2	143	344	1,540	11,200
Potential Exposure – Aggregated (pmoles/day)	Overall	109	55.5	227	629	1,680	17,500	238,000
	Urban	89	55.5	265	693	1,740	17,900	238,000
	Rural	20	93.3	189	479	1,160	10,700	11,700
	Low Income	45	110	248	629	1,070	229,000	238,000
	Mid/High Income	60	55.5	214	672	2,090	13,800	18,600
	Home Children	62	55.5	162	422	1,400	11,800	17,900
	Day Care Children	47	108	324	930	2,200	229,000	238,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-22c. *cis*-Permethrin (61949-76-6): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	75.8	0.400	0.907	0.124	1.45
	Urban	103	72.8	0.407	0.957	0.117	1.49
	Rural	21	90.5	0.364	0.623	0.165	1.21
	Low Income	55	92.7	0.676	1.28	0.232	1.44
	Mid/High Income	65	61.5	0.184	0.296	0.076	1.28
	Home Children	65	61.5	0.313	0.671	0.099	1.43
	Day Care Children	59	91.5	0.495	1.11	0.159	1.44
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	122	60.7	80.9	391	3.92	1.96
	Urban	102	63.7	94.7	427	4.29	2.02
	Rural	20	45.0	--	--	--	--
	Low Income	56	64.3	148	570	4.31	2.09
	Mid/High Income	62	56.5	23.5	58.0	3.55	1.85
	Home Children	63	50.8	20.1	51.9	2.81	1.85
	Day Care Children	59	71.2	146	555	5.60	2.02
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	6.90	20.9	1.44	1.62
	Urban	99	100.0	6.76	19.8	1.43	1.67
	Rural	21	100.0	7.56	26.1	1.50	1.37
	Low Income	52	100.0	3.47	5.25	1.64	1.22
	Mid/High Income	64	100.0	10.1	27.9	1.37	1.90
	Home Children	66	100.0	7.70	23.7	1.40	1.65
	Day Care Children	54	100.0	5.92	16.9	1.50	1.59
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	100.0	92.5	412	9.08	1.71
	Urban	89	100.0	109	454	9.91	1.77
	Rural	20	100.0	18.6	34.8	6.17	1.41
	Low Income	45	100.0	175	631	9.06	1.80
	Mid/High Income	60	100.0	34.8	63.3	9.31	1.66
	Home Children	62	100.0	28.3	56.6	7.11	1.60
	Day Care Children	47	100.0	177	617	12.5	1.82
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	75.8	1.02	2.32	0.318	1.45
	Urban	103	72.8	1.04	2.45	0.300	1.49
	Rural	21	90.5	0.930	1.59	0.421	1.21
	Low Income	55	92.7	1.73	3.26	0.593	1.44
	Mid/High Income	65	61.5	0.470	0.755	0.193	1.28
	Home Children	65	61.5	0.799	1.71	0.254	1.43
	Day Care Children	59	91.5	1.27	2.84	0.406	1.44
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	122	60.7	207	1,000	10.0	1.96
	Urban	102	63.7	242	1,090	11.0	2.02
	Rural	20	45.0	--	--	--	--
	Low Income	56	64.3	379	1,460	11.0	2.09
	Mid/High Income	62	56.5	60.0	148	9.08	1.85
	Home Children	63	50.8	51.3	133	7.18	1.85
	Day Care Children	59	71.2	372	1,420	14.3	2.02
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	17.6	53.3	3.69	1.62
	Urban	99	100.0	17.3	50.5	3.66	1.67
	Rural	21	100.0	19.3	66.6	3.82	1.37
	Low Income	52	100.0	8.87	13.4	4.19	1.22
	Mid/High Income	64	100.0	25.7	71.3	3.50	1.90
	Home Children	66	100.0	19.7	60.6	3.57	1.65
	Day Care Children	54	100.0	15.1	43.3	3.84	1.59
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	100.0	236	1,050	23.2	1.71
	Urban	89	100.0	279	1,160	25.3	1.77
	Rural	20	100.0	47.5	88.8	15.8	1.41
	Low Income	45	100.0	448	1,610	23.1	1.80
	Mid/High Income	60	100.0	88.9	162	23.8	1.66
	Home Children	62	100.0	72.4	145	18.2	1.60
	Day Care Children	47	100.0	453	1,580	32.0	1.82

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-22d. *cis*-Permethrin (61949-76-6): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.033	0.137	0.303	1.72	6.84
	Urban	103	<MDL	<MDL	0.134	0.304	1.72	6.84
	Rural	21	<MDL	0.066	0.170	0.284	1.04	2.78
	Low Income	55	<MDL	0.080	0.227	0.574	4.21	6.84
	Mid/High Income	65	<MDL	<MDL	0.042	0.217	0.768	1.72
	Home Children	65	<MDL	<MDL	0.066	0.265	1.04	4.29
	Day Care Children	59	<MDL	0.036	0.170	0.316	2.86	6.84
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	122	<MDL	<MDL	2.63	10.3	243	2,850
	Urban	102	<MDL	<MDL	2.77	11.5	243	2,850
	Rural	20	<MDL	<MDL	<MDL	9.78	72.2	105
	Low Income	56	<MDL	<MDL	2.85	10.0	2,000	2,850
	Mid/High Income	62	<MDL	<MDL	2.19	11.1	169	269
	Home Children	63	<MDL	<MDL	1.95	10.0	105	269
	Day Care Children	59	<MDL	<MDL	3.34	11.5	2,000	2,850
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.061	0.472	1.39	3.51	26.6	143
	Urban	99	0.061	0.423	1.45	3.57	27.7	143
	Rural	21	0.179	0.614	1.33	1.64	7.99	121
	Low Income	52	0.163	0.570	1.63	3.50	14.7	29.2
	Mid/High Income	64	0.061	0.353	1.11	4.17	69.0	143
	Home Children	66	0.073	0.464	1.16	3.55	29.2	143
	Day Care Children	54	0.061	0.495	1.52	2.76	17.8	121
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	109	0.646	2.71	6.72	21.5	243	2,850
	Urban	89	0.646	3.17	7.86	22.7	243	2,850
	Rural	20	1.18	2.00	5.24	12.9	116	126
	Low Income	45	1.18	2.78	6.70	14.0	2,000	2,850
	Mid/High Income	60	0.646	2.64	8.33	28.6	206	272
	Home Children	62	0.646	2.05	4.91	19.0	150	272
	Day Care Children	47	0.716	4.01	10.1	21.9	2,000	2,850
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.084	0.349	0.774	4.40	17.5
	Urban	103	<MDL	<MDL	0.342	0.777	4.40	17.5
	Rural	21	<MDL	0.167	0.434	0.725	2.67	7.12
	Low Income	55	<MDL	0.203	0.580	1.47	10.7	17.5
	Mid/High Income	65	<MDL	<MDL	0.108	0.554	1.96	4.40
	Home Children	65	<MDL	<MDL	0.167	0.676	2.67	11.0
	Day Care Children	59	<MDL	0.092	0.434	0.809	7.31	17.5
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	122	<MDL	<MDL	6.72	26.3	620	7,290
	Urban	102	<MDL	<MDL	7.08	29.4	620	7,290
	Rural	20	<MDL	<MDL	<MDL	25.0	185	269
	Low Income	56	<MDL	<MDL	7.30	25.6	5,110	7,290
	Mid/High Income	62	<MDL	<MDL	5.60	28.3	432	687
	Home Children	63	<MDL	<MDL	4.99	25.6	269	687
	Day Care Children	59	<MDL	<MDL	8.53	29.4	5,110	7,290
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.157	1.21	3.55	8.98	68.0	365
	Urban	99	0.157	1.08	3.70	9.12	70.9	365
	Rural	21	0.459	1.57	3.39	4.19	20.4	309
	Low Income	52	0.418	1.46	4.17	8.93	37.6	74.7
	Mid/High Income	64	0.157	0.902	2.83	10.6	176	365
	Home Children	66	0.185	1.19	2.97	9.06	74.7	365
	Day Care Children	54	0.157	1.27	3.90	7.05	45.6	309
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	109	1.65	6.92	17.2	54.9	621	7,300
	Urban	89	1.65	8.09	20.1	58.0	622	7,300
	Rural	20	3.01	5.11	13.4	32.9	297	321
	Low Income	45	3.01	7.11	17.1	35.9	5,120	7,300
	Mid/High Income	60	1.65	6.73	21.3	73.0	528	695
	Home Children	62	1.65	5.24	12.5	48.5	383	695
	Day Care Children	47	1.83	10.2	25.9	55.9	5,120	7,300

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-23a. *trans*-Permethrin (61949-77-7): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	75.0	11.8	29.4	3.31	1.46
	Urban	103	71.8	11.7	30.5	3.09	1.49
	Rural	21	90.5	12.2	24.1	4.58	1.34
	Low Income	55	92.7	20.4	41.8	6.32	1.47
	Mid/High Income	65	61.5	5.03	8.81	1.98	1.26
	Home Children	65	60.0	8.35	17.1	2.47	1.47
	Day Care Children	59	91.5	15.6	38.6	4.56	1.40
Potential Exposure via Dietary Ingestion (ng/day)	Overall	119	59.7	1,580	8,310	111	1.80
	Urban	100	63.0	1,830	9,050	120	1.85
	Rural	19	42.1	--	--	--	--
	Low Income	53	62.3	2,930	12,300	125	1.93
	Mid/High Income	62	56.5	493	1,120	98.7	1.69
	Home Children	63	50.8	491	1,240	81.7	1.73
	Day Care Children	56	69.6	2,810	12,000	157	1.83
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	222	698	42.7	1.67
	Urban	99	100.0	211	627	42.2	1.72
	Rural	21	100.0	272	983	45.0	1.42
	Low Income	52	100.0	112	176	47.0	1.32
	Mid/High Income	64	100.0	323	934	41.2	1.93
	Home Children	66	100.0	236	755	38.6	1.70
	Day Care Children	54	100.0	204	627	48.3	1.63
Potential Exposure – Aggregated (ng/day)	Overall	106	100.0	1,870	8,720	252	1.60
	Urban	87	100.0	2,160	9,600	274	1.63
	Rural	19	100.0	562	1,150	172	1.44
	Low Income	42	100.0	3,440	13,700	243	1.70
	Mid/High Income	60	100.0	848	1,430	262	1.55
	Home Children	62	100.0	739	1,440	200	1.54
	Day Care Children	44	100.0	3,460	13,400	349	1.65
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	75.0	30.1	75.2	8.45	1.46
	Urban	103	71.8	29.9	78.0	7.91	1.49
	Rural	21	90.5	31.3	61.5	11.7	1.34
	Low Income	55	92.7	52.1	107	16.2	1.47
	Mid/High Income	65	61.5	12.9	22.5	5.05	1.26
	Home Children	65	60.0	21.3	43.7	6.31	1.47
	Day Care Children	59	91.5	39.7	98.6	11.7	1.40
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	119	59.7	4,050	21,200	284	1.80
	Urban	100	63.0	4,690	23,100	306	1.85
	Rural	19	42.1	--	--	--	--
	Low Income	53	62.3	7,480	31,500	318	1.93
	Mid/High Income	62	56.5	1,260	2,860	252	1.69
	Home Children	63	50.8	1,250	3,160	209	1.73
	Day Care Children	56	69.6	7,190	30,600	401	1.83
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	566	1,780	109	1.67
	Urban	99	100.0	539	1,600	108	1.72
	Rural	21	100.0	695	2,510	115	1.42
	Low Income	52	100.0	286	450	120	1.32
	Mid/High Income	64	100.0	825	2,390	105	1.93
	Home Children	66	100.0	603	1,930	98.7	1.70
	Day Care Children	54	100.0	522	1,600	123	1.63
Potential Exposure – Aggregated (pmoles/day)	Overall	106	100.0	4,780	22,300	644	1.60
	Urban	87	100.0	5,510	24,500	700	1.63
	Rural	19	100.0	1,440	2,930	440	1.44
	Low Income	42	100.0	8,800	35,000	620	1.70
	Mid/High Income	60	100.0	2,170	3,650	669	1.55
	Home Children	62	100.0	1,890	3,680	511	1.54
	Day Care Children	44	100.0	8,850	34,100	892	1.65

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-23b. *trans*-Permethrin (61949-77-7): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	2.73	8.48	47.2	236
	Urban	103	<MDL	<MDL	2.69	8.23	47.2	236
	Rural	21	<MDL	1.49	3.64	9.32	32.5	110
	Low Income	55	<MDL	2.59	5.20	13.1	112	236
	Mid/High Income	65	<MDL	<MDL	1.17	4.66	25.5	46.6
	Home Children	65	<MDL	<MDL	1.49	7.69	32.5	110
	Day Care Children	59	<MDL	1.54	4.79	9.32	112	236
Potential Exposure via Dietary Ingestion (ng/day)	Overall	119	<MDL	<MDL	74.5	298	4,880	65,300
	Urban	100	<MDL	<MDL	82.6	317	4,910	65,300
	Rural	19	<MDL	<MDL	<MDL	273	2,450	2,450
	Low Income	53	<MDL	<MDL	83.1	214	12,900	65,300
	Mid/High Income	62	<MDL	<MDL	55.9	337	2,670	4,930
	Home Children	63	<MDL	<MDL	54.1	211	2,670	6,320
	Day Care Children	56	<MDL	<MDL	90.4	380	12,900	65,300
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	1.10	11.9	35.4	119	680	4,800
	Urban	99	1.10	10.6	37.4	137	734	4,800
	Rural	21	6.23	21.0	34.4	64.8	263	4,550
	Low Income	52	4.76	20.7	44.5	110	531	932
	Mid/High Income	64	1.10	10.0	30.9	139	2,500	4,800
	Home Children	66	1.10	12.6	32.7	110	932	4,800
	Day Care Children	54	3.42	10.7	41.8	153	582	4,550
Potential Exposure – Aggregated (ng/day)	Overall	106	16.5	77.9	193	555	4,870	65,300
	Urban	87	16.5	88.1	209	573	4,940	65,300
	Rural	19	38.7	46.2	130	454	4,670	4,670
	Low Income	42	27.9	85.0	182	430	6,370	65,300
	Mid/High Income	60	16.5	71.6	238	615	4,770	4,940
	Home Children	62	16.5	59.3	164	420	4,870	6,370
	Day Care Children	44	38.6	107	357	668	4,670	65,300
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	6.98	21.7	121	603
	Urban	103	<MDL	<MDL	6.87	21.0	121	603
	Rural	21	<MDL	3.82	9.30	23.8	82.9	281
	Low Income	55	<MDL	6.61	13.3	33.5	286	603
	Mid/High Income	65	<MDL	<MDL	2.99	11.9	65.3	119
	Home Children	65	<MDL	<MDL	3.82	19.7	82.9	281
	Day Care Children	59	<MDL	3.94	12.2	23.8	286	603
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	119	<MDL	<MDL	190	762	12,500	167,000
	Urban	100	<MDL	<MDL	211	811	12,500	167,000
	Rural	19	<MDL	<MDL	<MDL	696	6,250	6,250
	Low Income	53	<MDL	<MDL	212	546	33,000	167,000
	Mid/High Income	62	<MDL	<MDL	143	860	6,820	12,600
	Home Children	63	<MDL	<MDL	138	539	6,820	16,100
	Day Care Children	56	<MDL	<MDL	231	972	33,000	167,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	2.82	30.5	90.4	305	1,740	12,300
	Urban	99	2.82	27.2	95.7	349	1,880	12,300
	Rural	21	15.9	53.6	87.8	166	671	11,600
	Low Income	52	12.2	52.9	114	282	1,360	2,380
	Mid/High Income	64	2.82	25.6	79.0	354	6,390	12,300
	Home Children	66	2.82	32.3	83.5	281	2,380	12,300
	Day Care Children	54	8.73	27.4	107	392	1,490	11,600
Potential Exposure – Aggregated (pmoles/day)	Overall	106	42.2	199	492	1,420	12,500	167,000
	Urban	87	42.2	225	535	1,460	12,600	167,000
	Rural	19	98.9	118	332	1,160	11,900	11,900
	Low Income	42	71.2	217	466	1,100	16,300	167,000
	Mid/High Income	60	42.2	183	609	1,570	12,200	12,600
	Home Children	62	42.2	152	420	1,070	12,500	16,300
	Day Care Children	44	98.6	274	913	1,710	11,900	167,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-23c. *trans*-Permethrin (61949-77-7): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	75.0	0.366	0.978	0.099	1.46
	Urban	103	71.8	0.374	1.04	0.094	1.49
	Rural	21	90.5	0.322	0.614	0.129	1.29
	Low Income	55	92.7	0.633	1.40	0.181	1.49
	Mid/High Income	65	61.5	0.157	0.276	0.062	1.26
	Home Children	65	60.0	0.285	0.670	0.078	1.46
	Day Care Children	59	91.5	0.455	1.23	0.127	1.42
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	119	59.7	44.4	225	3.32	1.79
	Urban	100	63.0	51.5	245	3.61	1.84
	Rural	19	42.1	--	--	--	--
	Low Income	53	62.3	78.1	333	3.56	1.89
	Mid/High Income	62	56.5	17.3	42.3	3.09	1.72
	Home Children	63	50.8	15.7	39.4	2.59	1.75
	Day Care Children	56	69.6	76.8	324	4.40	1.81
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	7.02	21.9	1.27	1.72
	Urban	99	100.0	6.90	20.7	1.27	1.78
	Rural	21	100.0	7.58	27.1	1.26	1.46
	Low Income	52	100.0	3.38	5.24	1.33	1.38
	Mid/High Income	64	100.0	10.4	29.2	1.29	1.98
	Home Children	66	100.0	7.88	25.0	1.22	1.74
	Day Care Children	54	100.0	5.96	17.4	1.34	1.70
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	106	100.0	52.4	235	7.52	1.61
	Urban	87	100.0	60.4	259	8.27	1.64
	Rural	19	100.0	15.8	31.8	4.85	1.45
	Low Income	42	100.0	89.4	368	6.85	1.65
	Mid/High Income	60	100.0	28.7	51.0	8.19	1.60
	Home Children	62	100.0	24.1	46.9	6.35	1.57
	Day Care Children	44	100.0	92.3	359	9.54	1.66
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	75.0	0.934	2.50	0.252	1.46
	Urban	103	71.8	0.957	2.65	0.239	1.49
	Rural	21	90.5	0.823	1.57	0.328	1.29
	Low Income	55	92.7	1.62	3.57	0.462	1.49
	Mid/High Income	65	61.5	0.402	0.704	0.158	1.26
	Home Children	65	60.0	0.727	1.71	0.200	1.46
	Day Care Children	59	91.5	1.16	3.15	0.325	1.42
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	119	59.7	114	576	8.49	1.79
	Urban	100	63.0	131	627	9.24	1.84
	Rural	19	42.1	--	--	--	--
	Low Income	53	62.3	200	851	9.11	1.89
	Mid/High Income	62	56.5	44.2	108	7.89	1.72
	Home Children	63	50.8	40.1	101	6.61	1.75
	Day Care Children	56	69.6	196	828	11.2	1.81
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	17.9	55.8	3.25	1.72
	Urban	99	100.0	17.6	53.0	3.26	1.78
	Rural	21	100.0	19.4	69.2	3.23	1.46
	Low Income	52	100.0	8.63	13.4	3.39	1.38
	Mid/High Income	64	100.0	26.5	74.7	3.31	1.98
	Home Children	66	100.0	20.2	63.9	3.13	1.74
	Day Care Children	54	100.0	15.2	44.6	3.41	1.70
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	106	100.0	134	601	19.2	1.61
	Urban	87	100.0	154	661	21.1	1.64
	Rural	19	100.0	40.5	81.3	12.4	1.45
	Low Income	42	100.0	228	940	17.5	1.65
	Mid/High Income	60	100.0	73.4	130	20.9	1.60
	Home Children	62	100.0	61.5	120	16.2	1.57
	Day Care Children	44	100.0	236	918	24.4	1.66

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-23d. *trans*-Permethrin (61949-77-7): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.088	0.237	1.56	8.38
	Urban	103	<MDL	<MDL	0.083	0.230	1.56	8.38
	Rural	21	<MDL	0.043	0.103	0.257	0.843	2.81
	Low Income	55	<MDL	0.064	0.159	0.379	3.43	8.38
	Mid/High Income	65	<MDL	<MDL	0.034	0.136	0.804	1.56
	Home Children	65	<MDL	<MDL	0.042	0.173	0.909	4.33
	Day Care Children	59	<MDL	0.039	0.132	0.239	2.87	8.38
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	119	<MDL	<MDL	2.21	8.98	153	2,000
	Urban	100	<MDL	<MDL	2.33	9.07	164	2,000
	Rural	19	<MDL	<MDL	<MDL	7.32	69.1	69.1
	Low Income	53	<MDL	<MDL	2.28	7.32	459	2,000
	Mid/High Income	62	<MDL	<MDL	2.12	9.16	101	215
	Home Children	63	<MDL	<MDL	1.87	7.28	100	215
	Day Care Children	56	<MDL	<MDL	2.89	9.40	459	2,000
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.030	0.401	1.00	4.07	24.8	151
	Urban	99	0.030	0.331	1.07	4.18	25.0	151
	Rural	21	0.163	0.560	0.971	1.88	8.03	125
	Low Income	52	0.128	0.532	1.15	3.01	16.8	25.0
	Mid/High Income	64	0.030	0.333	1.00	4.43	68.8	151
	Home Children	66	0.030	0.402	0.969	3.32	30.0	151
	Day Care Children	54	0.070	0.326	1.18	4.37	16.9	125
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	106	0.606	2.37	5.82	19.5	154	2,000
	Urban	87	0.606	2.79	6.96	20.3	164	2,000
	Rural	19	0.710	1.44	4.17	12.5	129	129
	Low Income	42	0.710	2.37	5.21	13.7	71.6	2,000
	Mid/High Income	60	0.606	2.52	7.79	23.6	159	218
	Home Children	62	0.606	1.56	5.12	15.4	153	218
	Day Care Children	44	0.710	3.13	9.38	19.9	154	2,000
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.226	0.606	3.98	21.4
	Urban	103	<MDL	<MDL	0.212	0.587	3.98	21.4
	Rural	21	<MDL	0.110	0.263	0.656	2.15	7.19
	Low Income	55	<MDL	0.164	0.405	0.970	8.77	21.4
	Mid/High Income	65	<MDL	<MDL	0.087	0.347	2.05	3.98
	Home Children	65	<MDL	<MDL	0.107	0.441	2.32	11.1
	Day Care Children	59	<MDL	0.099	0.337	0.610	7.33	21.4
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	119	<MDL	<MDL	5.64	23.0	392	5,100
	Urban	100	<MDL	<MDL	5.94	23.2	420	5,100
	Rural	19	<MDL	<MDL	<MDL	18.7	177	177
	Low Income	53	<MDL	<MDL	5.82	18.7	1,170	5,100
	Mid/High Income	62	<MDL	<MDL	5.43	23.4	259	550
	Home Children	63	<MDL	<MDL	4.78	18.6	257	550
	Day Care Children	56	<MDL	<MDL	7.39	24.0	1,170	5,100
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.076	1.03	2.56	10.4	63.3	386
	Urban	99	0.076	0.847	2.74	10.7	64.0	386
	Rural	21	0.418	1.43	2.48	4.80	20.5	320
	Low Income	52	0.327	1.36	2.94	7.70	42.9	64.0
	Mid/High Income	64	0.076	0.850	2.56	11.3	176	386
	Home Children	66	0.076	1.03	2.48	8.49	76.7	386
	Day Care Children	54	0.178	0.832	3.02	11.2	43.1	320
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	106	1.55	6.05	14.9	49.8	395	5,100
	Urban	87	1.55	7.12	17.8	51.9	418	5,100
	Rural	19	1.81	3.69	10.7	31.9	329	329
	Low Income	42	1.81	6.05	13.3	34.9	183	5,100
	Mid/High Income	60	1.55	6.44	19.9	60.3	406	556
	Home Children	62	1.55	3.98	13.1	39.4	392	556
	Day Care Children	44	1.81	8.01	24.0	50.8	395	5,100

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-24a. PCB 52 (35693-99-3): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	97.6	6.28	9.18	4.33	0.795
	Urban	103	97.1	6.28	9.60	4.27	0.816
	Rural	21	100.0	6.27	6.95	4.63	0.699
	Low Income	55	100.0	7.67	13.0	4.56	0.929
	Mid/High Income	65	98.5	5.36	3.82	4.40	0.627
	Home Children	65	95.4	4.66	4.30	3.76	0.636
	Day Care Children	59	100.0	8.06	12.3	5.05	0.921
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	10.8	--	--	--	--
	Urban	99	10.1	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	52	17.3	--	--	--	--
	Mid/High Income	64	4.7	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	18.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	45.8	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	52	46.2	--	--	--	--
	Mid/High Income	64	46.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	54	68.5	0.491	0.691	0.249	1.19
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	97.6	21.5	31.4	14.8	0.795
	Urban	103	97.1	21.5	32.9	14.6	0.816
	Rural	21	100.0	21.5	23.8	15.8	0.699
	Low Income	55	100.0	26.3	44.7	15.6	0.929
	Mid/High Income	65	98.5	18.4	13.1	15.1	0.627
	Home Children	65	95.4	16.0	14.7	12.9	0.636
	Day Care Children	59	100.0	27.6	42.3	17.3	0.921
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	10.8	--	--	--	--
	Urban	99	10.1	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	52	17.3	--	--	--	--
	Mid/High Income	64	4.7	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	18.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	45.8	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	52	46.2	--	--	--	--
	Mid/High Income	64	46.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	54	68.5	1.68	2.37	0.854	1.19

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-24b. PCB 52 (35693-99-3): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	2.98	4.21	5.75	16.1	92.1
	Urban	103	<MDL	2.95	4.25	5.77	15.6	92.1
	Rural	21	1.38	3.04	4.07	5.16	16.7	32.3
	Low Income	55	0.649	3.04	4.32	6.15	25.2	92.1
	Mid/High Income	65	<MDL	3.03	4.24	5.74	15.4	18.0
	Home Children	65	<MDL	2.90	3.88	5.06	11.5	32.3
	Day Care Children	59	0.649	3.23	4.67	10.4	18.2	92.1
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	59.0	144
	Urban	99	<MDL	<MDL	<MDL	<MDL	66.9	144
	Rural	21	<MDL	<MDL	<MDL	<MDL	44.1	91.5
	Low Income	52	<MDL	<MDL	<MDL	<MDL	66.9	144
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	85.6
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	91.5
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	66.9	144
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	0.462	2.13	7.00
	Urban	99	<MDL	<MDL	<MDL	0.462	1.82	4.31
	Rural	21	<MDL	<MDL	<MDL	0.463	4.10	7.00
	Low Income	52	<MDL	<MDL	<MDL	0.466	3.95	4.31
	Mid/High Income	64	<MDL	<MDL	<MDL	0.446	1.67	7.00
	Home Children	66	<MDL	<MDL	<MDL	0.340	2.44	7.00
	Day Care Children	54	<MDL	<MDL	0.244	0.482	1.67	3.95
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	10.2	14.4	19.7	55.2	316
	Urban	103	<MDL	10.1	14.6	19.8	53.3	316
	Rural	21	4.71	10.4	13.9	17.7	57.2	111
	Low Income	55	2.22	10.4	14.8	21.1	86.2	316
	Mid/High Income	65	<MDL	10.4	14.5	19.7	52.9	61.7
	Home Children	65	<MDL	9.95	13.3	17.3	39.4	111
	Day Care Children	59	2.22	11.1	16.0	35.8	62.2	316
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	202	493
	Urban	99	<MDL	<MDL	<MDL	<MDL	229	493
	Rural	21	<MDL	<MDL	<MDL	<MDL	151	313
	Low Income	52	<MDL	<MDL	<MDL	<MDL	229	493
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	293
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	313
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	229	493
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	1.58	7.31	24.0
	Urban	99	<MDL	<MDL	<MDL	1.58	6.25	14.8
	Rural	21	<MDL	<MDL	<MDL	1.59	14.0	24.0
	Low Income	52	<MDL	<MDL	<MDL	1.60	13.5	14.8
	Mid/High Income	64	<MDL	<MDL	<MDL	1.53	5.73	24.0
	Home Children	66	<MDL	<MDL	<MDL	1.17	8.36	24.0
	Day Care Children	54	<MDL	<MDL	0.836	1.65	5.73	13.5

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-24c. PCB 52 (35693-99-3): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	97.6	0.195	0.340	0.129	0.827
	Urban	103	97.1	0.200	0.366	0.129	0.855
	Rural	21	100.0	0.171	0.163	0.130	0.693
	Low Income	55	100.0	0.240	0.493	0.130	0.986
	Mid/High Income	65	98.5	0.166	0.115	0.137	0.622
	Home Children	65	95.4	0.147	0.108	0.119	0.676
	Day Care Children	59	100.0	0.247	0.476	0.141	0.965
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	10.8	--	--	--	--
	Urban	99	10.1	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	52	17.3	--	--	--	--
	Mid/High Income	64	4.7	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	18.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	45.8	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	52	46.2	--	--	--	--
	Mid/High Income	64	46.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	54	68.5	0.015	0.025	0.007	1.24
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	97.6	0.668	1.16	0.442	0.827
	Urban	103	97.1	0.685	1.25	0.442	0.855
	Rural	21	100.0	0.586	0.557	0.445	0.693
	Low Income	55	100.0	0.821	1.69	0.447	0.986
	Mid/High Income	65	98.5	0.570	0.394	0.470	0.622
	Home Children	65	95.4	0.505	0.369	0.409	0.676
	Day Care Children	59	100.0	0.847	1.63	0.482	0.965
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	10.8	--	--	--	--
	Urban	99	10.1	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	52	17.3	--	--	--	--
	Mid/High Income	64	4.7	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	18.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	45.8	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	52	46.2	--	--	--	--
	Mid/High Income	64	46.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	54	68.5	0.051	0.085	0.024	1.24

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-24d. PCB 52 (35693-99-3): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.086	0.127	0.183	0.480	3.62
	Urban	103	<MDL	0.092	0.128	0.187	0.463	3.62
	Rural	21	0.036	0.085	0.106	0.150	0.541	0.659
	Low Income	55	0.016	0.083	0.125	0.191	0.659	3.62
	Mid/High Income	65	<MDL	0.100	0.132	0.182	0.425	0.541
	Home Children	65	<MDL	0.086	0.127	0.172	0.387	0.659
	Day Care Children	59	0.016	0.085	0.127	0.281	0.589	3.62
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	1.66	4.40
	Urban	99	<MDL	<MDL	<MDL	<MDL	1.79	4.40
	Rural	21	<MDL	<MDL	<MDL	<MDL	1.26	2.58
	Low Income	52	<MDL	<MDL	<MDL	<MDL	1.79	4.40
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	3.29
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	3.29
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	1.79	4.40
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.014	0.066	0.286
	Urban	99	<MDL	<MDL	<MDL	0.014	0.065	0.170
	Rural	21	<MDL	<MDL	<MDL	0.015	0.084	0.286
	Low Income	52	<MDL	<MDL	<MDL	0.013	0.084	0.170
	Mid/High Income	64	<MDL	<MDL	<MDL	0.015	0.057	0.286
	Home Children	66	<MDL	<MDL	<MDL	0.013	0.067	0.286
	Day Care Children	54	<MDL	<MDL	0.007	0.016	0.051	0.155
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.295	0.436	0.628	1.64	12.4
	Urban	103	<MDL	0.316	0.438	0.640	1.59	12.4
	Rural	21	0.124	0.292	0.364	0.512	1.85	2.26
	Low Income	55	0.056	0.283	0.428	0.653	2.26	12.4
	Mid/High Income	65	<MDL	0.341	0.451	0.623	1.46	1.85
	Home Children	65	<MDL	0.296	0.436	0.590	1.33	2.26
	Day Care Children	59	0.056	0.292	0.436	0.964	2.02	12.4
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	5.70	15.1
	Urban	99	<MDL	<MDL	<MDL	<MDL	6.15	15.1
	Rural	21	<MDL	<MDL	<MDL	<MDL	4.31	8.85
	Low Income	52	<MDL	<MDL	<MDL	<MDL	6.15	15.1
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	11.3
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	11.3
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	6.15	15.1
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.046	0.226	0.978
	Urban	99	<MDL	<MDL	<MDL	0.046	0.222	0.581
	Rural	21	<MDL	<MDL	<MDL	0.051	0.287	0.978
	Low Income	52	<MDL	<MDL	<MDL	0.044	0.287	0.581
	Mid/High Income	64	<MDL	<MDL	<MDL	0.050	0.194	0.978
	Home Children	66	<MDL	<MDL	<MDL	0.046	0.230	0.978
	Day Care Children	54	<MDL	<MDL	0.023	0.055	0.175	0.532

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-25a. PCB 95 (38379-99-6): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	87.1	1.30	2.89	0.778	0.811
	Urban	103	88.3	1.22	2.73	0.777	0.759
	Rural	21	81.0	1.74	3.63	0.784	1.05
	Low Income	55	90.9	1.76	4.16	0.878	0.934
	Mid/High Income	65	89.2	0.981	1.06	0.742	0.678
	Home Children	65	76.9	1.06	2.07	0.698	0.740
	Day Care Children	59	98.3	1.58	3.58	0.877	0.873
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	3.3	--	--	--	--
	Urban	99	2.0	--	--	--	--
	Rural	21	9.5	--	--	--	--
	Low Income	52	3.8	--	--	--	--
	Mid/High Income	64	3.1	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	48.3	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	52.4	0.573	1.51	0.178	1.26
	Low Income	52	51.9	0.269	0.402	0.138	1.08
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	63.0	0.325	0.594	0.158	1.08
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	87.1	3.99	8.85	2.38	0.811
	Urban	103	88.3	3.72	8.35	2.38	0.759
	Rural	21	81.0	5.32	11.1	2.40	1.05
	Low Income	55	90.9	5.38	12.7	2.69	0.934
	Mid/High Income	65	89.2	3.00	3.25	2.27	0.678
	Home Children	65	76.9	3.23	6.35	2.14	0.740
	Day Care Children	59	98.3	4.83	11.0	2.69	0.873
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	3.3	--	--	--	--
	Urban	99	2.0	--	--	--	--
	Rural	21	9.5	--	--	--	--
	Low Income	52	3.8	--	--	--	--
	Mid/High Income	64	3.1	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	48.3	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	52.4	1.76	4.62	0.544	1.26
	Low Income	52	51.9	0.824	1.23	0.423	1.08
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	63.0	0.995	1.82	0.483	1.08

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-25b. PCB 95 (38379-99-6): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	0.458	0.687	1.13	2.78	27.1
	Urban	103	<MDL	0.495	0.737	1.15	2.34	27.1
	Rural	21	<MDL	0.433	0.517	1.10	4.04	16.9
	Low Income	55	<MDL	0.493	0.793	1.50	3.01	27.1
	Mid/High Income	65	<MDL	0.495	0.683	1.05	2.34	7.52
	Home Children	65	<MDL	0.441	0.683	1.04	2.01	16.9
	Day Care Children	59	<MDL	0.499	0.691	1.45	4.04	27.1
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	75.3
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	54.9
	Rural	21	<MDL	<MDL	<MDL	<MDL	44.1	75.3
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	75.3
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	51.1
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	75.3
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	54.9
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	0.318	1.27	7.00
	Urban	99	<MDL	<MDL	<MDL	0.326	1.22	3.73
	Rural	21	<MDL	<MDL	0.133	0.214	1.32	7.00
	Low Income	52	<MDL	<MDL	0.130	0.285	1.32	1.78
	Mid/High Income	64	<MDL	<MDL	<MDL	0.333	1.22	7.00
	Home Children	66	<MDL	<MDL	<MDL	0.326	1.18	7.00
	Day Care Children	54	<MDL	<MDL	0.131	0.317	1.62	3.73
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	1.40	2.10	3.46	8.53	83.1
	Urban	103	<MDL	1.52	2.26	3.52	7.17	83.1
	Rural	21	<MDL	1.33	1.58	3.37	12.4	51.9
	Low Income	55	<MDL	1.51	2.43	4.60	9.22	83.1
	Mid/High Income	65	<MDL	1.52	2.09	3.20	7.17	23.0
	Home Children	65	<MDL	1.35	2.09	3.20	6.17	51.9
	Day Care Children	59	<MDL	1.53	2.12	4.44	12.4	83.1
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	231
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	168
	Rural	21	<MDL	<MDL	<MDL	<MDL	135	231
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	231
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	157
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	231
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	168
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	0.973	3.89	21.4
	Urban	99	<MDL	<MDL	<MDL	0.999	3.74	11.4
	Rural	21	<MDL	<MDL	0.408	0.656	4.04	21.4
	Low Income	52	<MDL	<MDL	0.398	0.874	4.04	5.44
	Mid/High Income	64	<MDL	<MDL	<MDL	1.02	3.74	21.4
	Home Children	66	<MDL	<MDL	<MDL	0.999	3.60	21.4
	Day Care Children	54	<MDL	<MDL	0.400	0.970	4.98	11.4

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-25c. PCB 95 (38379-99-6): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	87.1	0.040	0.101	0.023	0.852
	Urban	103	88.3	0.040	0.106	0.023	0.812
	Rural	21	81.0	0.044	0.076	0.022	1.05
	Low Income	55	90.9	0.054	0.147	0.025	0.977
	Mid/High Income	65	89.2	0.031	0.033	0.023	0.714
	Home Children	65	76.9	0.032	0.044	0.022	0.770
	Day Care Children	59	98.3	0.050	0.139	0.024	0.938
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	3.3	--	--	--	--
	Urban	99	2.0	--	--	--	--
	Rural	21	9.5	--	--	--	--
	Low Income	52	3.8	--	--	--	--
	Mid/High Income	64	3.1	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	48.3	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	52.4	0.020	0.061	0.005	1.33
	Low Income	52	51.9	0.008	0.013	0.004	1.16
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	63.0	0.010	0.018	0.004	1.12
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	87.1	0.124	0.310	0.071	0.852
	Urban	103	88.3	0.122	0.324	0.072	0.812
	Rural	21	81.0	0.135	0.234	0.067	1.05
	Low Income	55	90.9	0.165	0.451	0.077	0.977
	Mid/High Income	65	89.2	0.095	0.100	0.071	0.714
	Home Children	65	76.9	0.097	0.134	0.068	0.770
	Day Care Children	59	98.3	0.154	0.427	0.075	0.938
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	3.3	--	--	--	--
	Urban	99	2.0	--	--	--	--
	Rural	21	9.5	--	--	--	--
	Low Income	52	3.8	--	--	--	--
	Mid/High Income	64	3.1	--	--	--	--
	Home Children	65	4.6	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	48.3	--	--	--	--
	Urban	99	47.5	--	--	--	--
	Rural	21	52.4	0.061	0.188	0.015	1.33
	Low Income	52	51.9	0.025	0.041	0.012	1.16
	Mid/High Income	64	45.3	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	63.0	0.029	0.056	0.013	1.12

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-25d. PCB 95 (38379-99-6): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	0.013	0.021	0.035	0.081	1.07
	Urban	103	<MDL	0.014	0.023	0.037	0.075	1.07
	Rural	21	<MDL	0.012	0.015	0.028	0.131	0.346
	Low Income	55	<MDL	0.014	0.024	0.042	0.082	1.07
	Mid/High Income	65	<MDL	0.015	0.022	0.033	0.074	0.224
	Home Children	65	<MDL	0.014	0.023	0.037	0.074	0.346
	Day Care Children	59	<MDL	0.013	0.020	0.034	0.131	1.07
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	1.93
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	1.83
	Rural	21	<MDL	<MDL	<MDL	<MDL	1.26	1.93
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	1.93
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	1.28
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	1.93
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	1.83
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.009	0.046	0.286
	Urban	99	<MDL	<MDL	<MDL	0.010	0.047	0.111
	Rural	21	<MDL	<MDL	0.004	0.006	0.030	0.286
	Low Income	52	<MDL	<MDL	0.004	0.007	0.046	0.064
	Mid/High Income	64	<MDL	<MDL	<MDL	0.010	0.047	0.286
	Home Children	66	<MDL	<MDL	<MDL	0.012	0.046	0.286
	Day Care Children	54	<MDL	<MDL	0.004	0.008	0.054	0.111
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	0.041	0.065	0.108	0.248	3.27
	Urban	103	<MDL	0.044	0.070	0.113	0.230	3.27
	Rural	21	<MDL	0.036	0.046	0.084	0.400	1.06
	Low Income	55	<MDL	0.043	0.072	0.130	0.252	3.27
	Mid/High Income	65	<MDL	0.045	0.067	0.102	0.226	0.685
	Home Children	65	<MDL	0.043	0.070	0.113	0.226	1.06
	Day Care Children	59	<MDL	0.040	0.061	0.104	0.400	3.27
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	5.91
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	5.61
	Rural	21	<MDL	<MDL	<MDL	<MDL	3.86	5.91
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	5.91
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	3.91
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	5.91
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	5.61
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.027	0.142	0.875
	Urban	99	<MDL	<MDL	<MDL	0.030	0.143	0.340
	Rural	21	<MDL	<MDL	0.011	0.020	0.092	0.875
	Low Income	52	<MDL	<MDL	0.011	0.022	0.140	0.196
	Mid/High Income	64	<MDL	<MDL	<MDL	0.031	0.143	0.875
	Home Children	66	<MDL	<MDL	<MDL	0.038	0.140	0.875
	Day Care Children	54	<MDL	<MDL	0.011	0.024	0.166	0.340

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-26a. PCB 101 (37680-73-2): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	73.4	1.12	2.53	0.617	0.886
	Urban	103	73.8	1.00	2.16	0.605	0.832
	Rural	21	71.4	1.71	3.89	0.684	1.13
	Low Income	55	80.0	1.50	3.60	0.684	1.01
	Mid/High Income	65	72.3	0.851	1.06	0.593	0.774
	Home Children	65	61.5	0.972	2.24	0.570	0.832
	Day Care Children	59	86.4	1.29	2.82	0.674	0.941
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	0.0	--	--	--	--
	Urban	99	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	52	0.0	--	--	--	--
	Mid/High Income	64	0.0	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	55	0.0	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	49.2	--	--	--	--
	Urban	99	48.5	--	--	--	--
	Rural	21	52.4	0.614	1.51	0.199	1.30
	Low Income	52	50.0	0.306	0.468	0.150	1.14
	Mid/High Income	64	48.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	64.8	0.407	0.813	0.174	1.18
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	73.4	3.43	7.75	1.89	0.886
	Urban	103	73.8	3.07	6.61	1.85	0.832
	Rural	21	71.4	5.24	11.9	2.09	1.13
	Low Income	55	80.0	4.60	11.0	2.10	1.01
	Mid/High Income	65	72.3	2.61	3.26	1.82	0.774
	Home Children	65	61.5	2.98	6.86	1.75	0.832
	Day Care Children	59	86.4	3.94	8.65	2.07	0.941
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	0.0	--	--	--	--
	Urban	99	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	52	0.0	--	--	--	--
	Mid/High Income	64	0.0	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	55	0.0	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	49.2	--	--	--	--
	Urban	99	48.5	--	--	--	--
	Rural	21	52.4	1.88	4.63	0.610	1.30
	Low Income	52	50.0	0.938	1.43	0.459	1.14
	Mid/High Income	64	48.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	64.8	1.25	2.49	0.534	1.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-26b. PCB 101 (37680-73-2): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	0.547	0.974	2.90	20.8
	Urban	103	<MDL	<MDL	0.574	0.994	2.31	20.8
	Rural	21	<MDL	<MDL	0.427	0.924	3.30	18.1
	Low Income	55	<MDL	0.277	0.583	1.11	3.22	20.8
	Mid/High Income	65	<MDL	<MDL	0.559	0.867	2.40	7.61
	Home Children	65	<MDL	<MDL	0.526	0.870	2.38	18.1
	Day Care Children	59	<MDL	0.298	0.574	1.08	3.30	20.8
Potential Exposure via Dietary Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	0.340	1.36	7.00
	Urban	99	<MDL	<MDL	<MDL	0.339	1.18	5.06
	Rural	21	<MDL	<MDL	0.141	0.344	1.54	7.00
	Low Income	52	<MDL	<MDL	<MDL	0.291	1.54	2.30
	Mid/High Income	64	<MDL	<MDL	<MDL	0.344	1.17	7.00
	Home Children	66	<MDL	<MDL	<MDL	0.340	1.17	7.00
	Day Care Children	54	<MDL	<MDL	0.148	0.306	2.30	5.06
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	1.68	2.98	8.87	63.6
	Urban	103	<MDL	<MDL	1.76	3.05	7.07	63.6
	Rural	21	<MDL	<MDL	1.31	2.83	10.1	55.6
	Low Income	55	<MDL	0.848	1.78	3.42	9.86	63.6
	Mid/High Income	65	<MDL	<MDL	1.71	2.66	7.36	23.3
	Home Children	65	<MDL	<MDL	1.61	2.66	7.28	55.6
	Day Care Children	59	<MDL	0.913	1.76	3.30	10.1	63.6
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	1.04	4.17	21.4
	Urban	99	<MDL	<MDL	<MDL	1.04	3.60	15.5
	Rural	21	<MDL	<MDL	0.433	1.05	4.73	21.4
	Low Income	52	<MDL	<MDL	<MDL	0.892	4.73	7.03
	Mid/High Income	64	<MDL	<MDL	<MDL	1.05	3.58	21.4
	Home Children	66	<MDL	<MDL	<MDL	1.04	3.58	21.4
	Day Care Children	54	<MDL	<MDL	0.452	0.938	7.03	15.5

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-26c. PCB 101 (37680-73-2): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	73.4	0.034	0.082	0.018	0.911
	Urban	103	73.8	0.032	0.083	0.018	0.865
	Rural	21	71.4	0.043	0.081	0.019	1.13
	Low Income	55	80.0	0.045	0.118	0.020	1.05
	Mid/High Income	65	72.3	0.027	0.033	0.018	0.783
	Home Children	65	61.5	0.028	0.047	0.018	0.829
	Day Care Children	59	86.4	0.041	0.109	0.019	1.000
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	0.0	--	--	--	--
	Urban	99	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	52	0.0	--	--	--	--
	Mid/High Income	64	0.0	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	55	0.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	49.2	--	--	--	--
	Urban	99	48.5	--	--	--	--
	Rural	21	52.4	0.021	0.061	0.006	1.37
	Low Income	52	50.0	0.009	0.015	0.004	1.22
	Mid/High Income	64	48.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	64.8	0.012	0.024	0.005	1.21
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	73.4	0.105	0.252	0.056	0.911
	Urban	103	73.8	0.100	0.254	0.056	0.865
	Rural	21	71.4	0.131	0.247	0.059	1.13
	Low Income	55	80.0	0.138	0.361	0.060	1.05
	Mid/High Income	65	72.3	0.082	0.100	0.057	0.783
	Home Children	65	61.5	0.087	0.145	0.055	0.829
	Day Care Children	59	86.4	0.125	0.332	0.058	1.000
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	0.0	--	--	--	--
	Urban	99	0.0	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	52	0.0	--	--	--	--
	Mid/High Income	64	0.0	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	55	0.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	49.2	--	--	--	--
	Urban	99	48.5	--	--	--	--
	Rural	21	52.4	0.065	0.188	0.017	1.37
	Low Income	52	50.0	0.029	0.047	0.013	1.22
	Mid/High Income	64	48.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	54	64.8	0.036	0.075	0.015	1.21

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-26d. PCB 101 (37680-73-2): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	0.017	0.029	0.091	0.817
	Urban	103	<MDL	<MDL	0.017	0.029	0.069	0.817
	Rural	21	<MDL	<MDL	0.012	0.033	0.107	0.370
	Low Income	55	<MDL	0.009	0.016	0.035	0.098	0.817
	Mid/High Income	65	<MDL	<MDL	0.018	0.028	0.091	0.226
	Home Children	65	<MDL	<MDL	0.018	0.029	0.080	0.370
	Day Care Children	59	<MDL	0.009	0.015	0.030	0.107	0.817
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.012	0.051	0.286
	Urban	99	<MDL	<MDL	<MDL	0.012	0.056	0.151
	Rural	21	<MDL	<MDL	0.004	0.009	0.032	0.286
	Low Income	52	<MDL	<MDL	<MDL	0.007	0.046	0.070
	Mid/High Income	64	<MDL	<MDL	<MDL	0.014	0.056	0.286
	Home Children	66	<MDL	<MDL	<MDL	0.014	0.037	0.286
	Day Care Children	54	<MDL	<MDL	0.004	0.009	0.070	0.151
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	0.052	0.090	0.279	2.50
	Urban	103	<MDL	<MDL	0.053	0.090	0.211	2.50
	Rural	21	<MDL	<MDL	0.038	0.102	0.328	1.13
	Low Income	55	<MDL	0.027	0.048	0.108	0.302	2.50
	Mid/High Income	65	<MDL	<MDL	0.054	0.085	0.279	0.694
	Home Children	65	<MDL	<MDL	0.054	0.088	0.245	1.13
	Day Care Children	59	<MDL	0.028	0.046	0.091	0.328	2.50
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	99	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.036	0.156	0.875
	Urban	99	<MDL	<MDL	<MDL	0.038	0.172	0.462
	Rural	21	<MDL	<MDL	0.012	0.029	0.097	0.875
	Low Income	52	<MDL	<MDL	<MDL	0.022	0.140	0.215
	Mid/High Income	64	<MDL	<MDL	<MDL	0.042	0.172	0.875
	Home Children	66	<MDL	<MDL	<MDL	0.043	0.113	0.875
	Day Care Children	54	<MDL	<MDL	0.013	0.029	0.213	0.462

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-27a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	123	100.0	32.1	67.6	15.3	1.11
	Urban	102	100.0	33.1	72.4	15.2	1.11
	Rural	21	100.0	27.5	37.0	15.5	1.12
	Low Income	55	100.0	36.1	80.7	16.6	1.11
	Mid/High Income	64	100.0	29.6	56.9	14.2	1.14
	Home Children	65	100.0	27.6	56.9	13.0	1.13
	Day Care Children	58	100.0	37.2	78.1	18.3	1.06
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	99.2	1,440	994	1,060	0.935
	Urban	107	99.1	1,480	1,050	1,050	0.994
	Rural	21	100.0	1,240	580	1,090	0.559
	Low Income	58	100.0	1,110	648	832	0.935
	Mid/High Income	66	98.5	1,710	1,160	1,280	0.904
	Home Children	66	98.5	1,290	1,120	857	1.05
	Day Care Children	62	100.0	1,600	814	1,320	0.736
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	13.1	28.4	4.46	1.43
	Urban	99	100.0	10.6	23.6	4.07	1.35
	Rural	21	100.0	25.1	43.4	6.92	1.71
	Low Income	52	100.0	14.1	28.8	4.93	1.44
	Mid/High Income	64	100.0	11.5	27.5	3.86	1.41
	Home Children	66	100.0	14.8	33.9	4.73	1.47
	Day Care Children	54	100.0	11.1	19.7	4.15	1.39
Potential Exposure – Aggregated (ng/day)	Overall	113	100.0	1,480	1,010	1,110	0.887
	Urban	92	100.0	1,530	1,090	1,100	0.955
	Rural	21	100.0	1,300	562	1,160	0.506
	Low Income	47	100.0	1,160	680	869	0.921
	Mid/High Income	62	100.0	1,720	1,160	1,310	0.836
	Home Children	65	100.0	1,340	1,130	933	0.970
	Day Care Children	48	100.0	1,670	803	1,400	0.705
Potential Exposure in NC Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	123	100.0	162	341	77.0	1.11
	Urban	102	100.0	167	365	76.7	1.11
	Rural	21	100.0	139	186	78.2	1.12
	Low Income	55	100.0	182	406	83.5	1.11
	Mid/High Income	64	100.0	149	287	71.4	1.14
	Home Children	65	100.0	139	287	65.4	1.13
	Day Care Children	58	100.0	187	394	92.4	1.06
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	99.2	7,260	5,010	5,330	0.935
	Urban	107	99.1	7,450	5,310	5,290	0.994
	Rural	21	100.0	6,260	2,920	5,510	0.559
	Low Income	58	100.0	5,600	3,270	4,190	0.935
	Mid/High Income	66	98.5	8,630	5,840	6,450	0.904
	Home Children	66	98.5	6,490	5,660	4,320	1.05
	Day Care Children	62	100.0	8,070	4,100	6,660	0.736
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	66.2	143	22.5	1.43
	Urban	99	100.0	53.4	119	20.5	1.35
	Rural	21	100.0	127	219	34.9	1.71
	Low Income	52	100.0	71.0	145	24.9	1.44
	Mid/High Income	64	100.0	58.2	139	19.5	1.41
	Home Children	66	100.0	74.8	171	23.8	1.47
	Day Care Children	54	100.0	55.8	99.2	20.9	1.39
Potential Exposure – Aggregated (pmoles/day)	Overall	113	100.0	7,480	5,110	5,600	0.887
	Urban	92	100.0	7,700	5,480	5,540	0.955
	Rural	21	100.0	6,530	2,830	5,860	0.506
	Low Income	47	100.0	5,830	3,420	4,380	0.921
	Mid/High Income	62	100.0	8,640	5,870	6,600	0.836
	Home Children	65	100.0	6,780	5,700	4,700	0.970
	Day Care Children	48	100.0	8,440	4,050	7,080	0.705

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table L-27b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Exposure in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	123	1.29	7.35	14.4	27.0	103	572
	Urban	102	1.29	7.38	13.5	27.9	103	572
	Rural	21	2.00	6.89	18.6	23.5	93.8	164
	Low Income	55	2.16	7.47	14.5	33.0	144	572
	Mid/High Income	64	1.29	7.18	11.9	23.0	97.6	420
	Home Children	65	1.29	6.89	12.2	22.9	93.8	420
	Day Care Children	58	2.00	8.48	15.1	33.0	132	572
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	797	1,220	1,900	3,640	5,480
	Urban	107	<MDL	768	1,360	1,950	3,760	5,480
	Rural	21	255	881	1,100	1,690	2,220	2,290
	Low Income	58	43.0	613	1,030	1,690	2,230	2,630
	Mid/High Income	66	<MDL	958	1,420	2,290	3,980	5,480
	Home Children	66	<MDL	555	1,070	1,540	3,980	5,480
	Day Care Children	62	116	1,020	1,640	2,070	2,890	3,760
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	0.124	1.83	4.47	10.1	55.6	202
	Urban	99	0.124	1.90	3.96	8.15	41.2	202
	Rural	21	0.499	1.58	9.95	17.2	105	167
	Low Income	52	0.141	1.83	4.73	11.5	86.3	167
	Mid/High Income	64	0.124	1.59	3.86	7.07	48.4	202
	Home Children	66	0.124	1.95	5.22	8.55	58.5	202
	Day Care Children	54	0.266	1.77	3.48	12.3	48.4	105
Potential Exposure – Aggregated (ng/day)	Overall	113	59.2	804	1,230	1,960	3,780	5,600
	Urban	92	59.2	784	1,390	2,100	3,970	5,600
	Rural	21	318	1,020	1,130	1,750	2,240	2,310
	Low Income	47	59.2	622	1,090	1,750	2,250	2,640
	Mid/High Income	62	61.4	947	1,460	2,270	3,990	5,600
	Home Children	65	59.2	585	1,090	1,580	3,990	5,600
	Day Care Children	48	164	1,090	1,700	2,200	2,960	3,780
Potential Exposure in NC Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	123	6.51	37.0	72.7	136	520	2,880
	Urban	102	6.51	37.2	68.3	140	520	2,880
	Rural	21	10.1	34.7	93.7	118	473	828
	Low Income	55	10.9	37.6	72.9	166	724	2,880
	Mid/High Income	64	6.51	36.2	60.1	116	492	2,120
	Home Children	65	6.51	34.7	61.3	115	473	2,120
	Day Care Children	58	10.1	42.7	76.3	166	663	2,880
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	4,020	6,130	9,550	18,300	27,600
	Urban	107	<MDL	3,870	6,840	9,810	18,900	27,600
	Rural	21	1,290	4,440	5,540	8,530	11,200	11,500
	Low Income	58	217	3,090	5,190	8,520	11,300	13,300
	Mid/High Income	66	<MDL	4,830	7,160	11,500	20,100	27,600
	Home Children	66	<MDL	2,790	5,380	7,770	20,100	27,600
	Day Care Children	62	583	5,150	8,270	10,400	14,600	18,900
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	0.626	9.22	22.5	50.9	280	1,020
	Urban	99	0.626	9.56	19.9	41.1	208	1,020
	Rural	21	2.52	7.98	50.1	86.7	529	840
	Low Income	52	0.709	9.22	23.8	57.9	435	840
	Mid/High Income	64	0.626	8.01	19.4	35.6	244	1,020
	Home Children	66	0.626	9.84	26.3	43.1	295	1,020
	Day Care Children	54	1.34	8.90	17.5	62.1	244	529
Potential Exposure – Aggregated (pmoles/day)	Overall	113	298	4,050	6,200	9,850	19,000	28,200
	Urban	92	298	3,950	7,030	10,600	20,000	28,200
	Rural	21	1,600	5,160	5,710	8,790	11,300	11,700
	Low Income	47	298	3,130	5,490	8,800	11,300	13,300
	Mid/High Income	62	309	4,770	7,350	11,500	20,100	28,200
	Home Children	65	298	2,950	5,480	7,970	20,100	28,200
	Day Care Children	48	828	5,510	8,570	11,100	14,900	19,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table L-27c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	100.0	0.971	2.10	0.457	1.11
	Urban	102	100.0	1.02	2.26	0.461	1.12
	Rural	21	100.0	0.730	0.943	0.436	1.06
	Low Income	55	100.0	1.08	2.57	0.474	1.13
	Mid/High Income	64	100.0	0.911	1.68	0.444	1.13
	Home Children	65	100.0	0.837	1.64	0.412	1.10
	Day Care Children	58	100.0	1.12	2.52	0.513	1.12
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	99.2	42.4	29.9	31.7	0.900
	Urban	107	99.1	43.9	31.6	31.8	0.957
	Rural	21	100.0	34.8	16.9	30.7	0.529
	Low Income	58	100.0	31.7	18.9	23.9	0.902
	Mid/High Income	66	98.5	51.8	34.9	40.1	0.845
	Home Children	66	98.5	40.5	36.5	27.2	1.03
	Day Care Children	62	100.0	44.4	20.8	37.3	0.704
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	0.398	0.865	0.133	1.44
	Urban	99	100.0	0.325	0.729	0.123	1.37
	Rural	21	100.0	0.742	1.30	0.194	1.73
	Low Income	52	100.0	0.399	0.840	0.139	1.44
	Mid/High Income	64	100.0	0.376	0.879	0.122	1.46
	Home Children	66	100.0	0.466	1.06	0.150	1.46
	Day Care Children	54	100.0	0.314	0.542	0.115	1.43
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	113	100.0	43.8	30.9	33.3	0.851
	Urban	92	100.0	45.6	33.2	33.4	0.916
	Rural	21	100.0	36.2	16.3	32.7	0.479
	Low Income	47	100.0	32.5	19.5	24.7	0.881
	Mid/High Income	62	100.0	52.4	35.7	41.2	0.778
	Home Children	65	100.0	42.3	36.7	29.7	0.945
	Day Care Children	48	100.0	45.9	21.0	38.9	0.681
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	100.0	4.89	10.6	2.30	1.11
	Urban	102	100.0	5.14	11.4	2.32	1.12
	Rural	21	100.0	3.68	4.75	2.20	1.06
	Low Income	55	100.0	5.42	13.0	2.39	1.13
	Mid/High Income	64	100.0	4.59	8.48	2.24	1.13
	Home Children	65	100.0	4.22	8.27	2.08	1.10
	Day Care Children	58	100.0	5.65	12.7	2.58	1.12
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	99.2	214	151	160	0.900
	Urban	107	99.1	221	159	160	0.957
	Rural	21	100.0	175	85.2	155	0.529
	Low Income	58	100.0	160	95.2	121	0.902
	Mid/High Income	66	98.5	261	176	202	0.845
	Home Children	66	98.5	204	184	137	1.03
	Day Care Children	62	100.0	224	105	188	0.704
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	2.00	4.36	0.670	1.44
	Urban	99	100.0	1.64	3.67	0.619	1.37
	Rural	21	100.0	3.74	6.57	0.979	1.73
	Low Income	52	100.0	2.01	4.23	0.701	1.44
	Mid/High Income	64	100.0	1.89	4.43	0.612	1.46
	Home Children	66	100.0	2.35	5.33	0.756	1.46
	Day Care Children	54	100.0	1.58	2.73	0.579	1.43
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	113	100.0	221	156	168	0.851
	Urban	92	100.0	230	167	168	0.916
	Rural	21	100.0	183	82.1	165	0.479
	Low Income	47	100.0	164	98.5	125	0.881
	Mid/High Income	62	100.0	264	180	208	0.778
	Home Children	65	100.0	213	185	149	0.945
	Day Care Children	48	100.0	231	106	196	0.681

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table L-27d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Absorbed Dose in NC Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	0.040	0.211	0.426	0.880	3.41	18.5
	Urban	102	0.040	0.211	0.401	0.902	3.41	18.5
	Rural	21	0.054	0.253	0.539	0.695	1.91	4.42
	Low Income	55	0.054	0.211	0.413	1.01	4.40	18.5
	Mid/High Income	64	0.040	0.191	0.448	0.784	2.90	12.2
	Home Children	65	0.040	0.189	0.398	0.695	2.34	12.2
	Day Care Children	58	0.062	0.260	0.452	1.01	4.39	18.5
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	22.0	37.7	55.0	93.3	195
	Urban	107	<MDL	22.0	40.2	57.8	96.5	195
	Rural	21	10.4	22.1	31.9	42.6	63.0	68.3
	Low Income	58	1.16	17.7	29.6	50.0	61.6	70.4
	Mid/High Income	66	<MDL	32.3	44.8	68.3	119	195
	Home Children	66	<MDL	18.1	33.7	47.7	119	195
	Day Care Children	62	3.54	28.9	47.4	58.0	74.2	88.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.004	0.053	0.116	0.291	1.96	6.37
	Urban	99	0.004	0.054	0.113	0.248	1.30	6.37
	Rural	21	0.013	0.046	0.232	0.438	2.63	5.10
	Low Income	52	0.004	0.054	0.150	0.299	2.50	5.10
	Mid/High Income	64	0.006	0.046	0.109	0.242	1.44	6.37
	Home Children	66	0.004	0.055	0.160	0.260	2.39	6.37
	Day Care Children	54	0.007	0.047	0.098	0.379	1.44	2.63
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	113	1.88	22.6	37.7	57.8	100	199
	Urban	92	1.88	22.5	41.0	58.6	104	199
	Rural	21	13.0	25.6	33.2	43.6	63.7	69.0
	Low Income	47	1.92	18.4	30.3	50.8	63.3	70.5
	Mid/High Income	62	1.88	31.5	45.3	63.7	119	199
	Home Children	65	1.88	19.6	34.7	49.2	119	199
	Day Care Children	48	5.03	29.4	48.5	61.8	74.3	88.5
Potential Absorbed Dose in NC Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	0.199	1.06	2.15	4.43	17.2	93.3
	Urban	102	0.199	1.06	2.02	4.54	17.2	93.3
	Rural	21	0.272	1.28	2.71	3.50	9.64	22.3
	Low Income	55	0.272	1.06	2.08	5.08	22.2	93.3
	Mid/High Income	64	0.199	0.960	2.26	3.95	14.6	61.4
	Home Children	65	0.199	0.954	2.00	3.50	11.8	61.4
	Day Care Children	58	0.313	1.31	2.28	5.08	22.1	93.3
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	111	190	277	470	980
	Urban	107	<MDL	111	203	291	487	980
	Rural	21	52.4	111	161	215	317	344
	Low Income	58	5.82	89.2	149	252	311	355
	Mid/High Income	66	<MDL	163	226	344	597	980
	Home Children	66	<MDL	91.2	170	240	597	980
	Day Care Children	62	17.8	146	239	292	374	444
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.022	0.267	0.585	1.47	9.87	32.1
	Urban	99	0.022	0.274	0.569	1.25	6.53	32.1
	Rural	21	0.064	0.231	1.17	2.21	13.2	25.7
	Low Income	52	0.022	0.272	0.756	1.51	12.6	25.7
	Mid/High Income	64	0.030	0.233	0.549	1.22	7.26	32.1
	Home Children	66	0.022	0.278	0.804	1.31	12.0	32.1
	Day Care Children	54	0.037	0.235	0.495	1.91	7.26	13.2
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	113	9.47	114	190	291	505	1,000
	Urban	92	9.47	113	207	295	525	1,000
	Rural	21	65.4	129	167	220	321	348
	Low Income	47	9.66	92.8	153	256	319	355
	Mid/High Income	62	9.47	159	228	321	598	1,000
	Home Children	65	9.47	98.6	175	248	598	1,000
	Day Care Children	48	25.3	148	245	312	374	446

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Appendix M

Descriptive Statistics of Potential Exposure Level and Potential Absorbed Dose Estimates for Target Pollutants in Participating OH Children

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This appendix contains tables of descriptive statistics of potential exposure and potential absorbed dose estimates (expressed in both ng and pmole units) in OH children for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers for Potential Exposure Summaries	Table Numbers for Potential Absorbed Dose Summaries
Benz[*a*]anthracene	Tables M-1a, M-1b	Tables M-1c, M-1d
Benzo[*b*]fluoranthene	Tables M-2a, M-2b	Tables M-2c, M-2d
Benzo[*k*]fluoranthene	Tables M-3a, M-3b	Tables M-3c, M-3d
Benzo[*ghi*]perylene	Tables M-4a, M-4b	Tables M-4c, M-4d
Benzo[*a*]pyrene	Tables M-5a, M-5b	Tables M-5c, M-5d
Benzo[*e*]pyrene	Tables M-6a, M-6b	Tables M-6c, M-6d
Benzylbutylphthalate	Tables M-7a, M-7b	Tables M-7c, M-7d
Bisphenol-A	Tables M-8a, M-8b	Tables M-8c, M-8d
alpha-Chlordane	Tables M-9a, M-9b	Tables M-9c, M-9d
gamma-Chlordane	Tables M-10a, M-10b	Tables M-10c, M-10d
Chlorpyrifos	Tables M-11a, M-11b	Tables M-11c, M-11d
Chrysene	Tables M-12a, M-12b	Tables M-12c, M-12d
Cyfluthrin	Tables M-13a, M-13b	Tables M-13c, M-13d
Diazinon	Tables M-14a, M-14b	Tables M-14c, M-14d
Dibenzo[*a,h*]anthracene	Tables M-15a, M-15b	Tables M-15c, M-15d
Di-*n*-butylphthalate	Tables M-16a, M-16b	Tables M-16c, M-16d
p,p'-DDE	Tables M-17a, M-17b	Tables M-17c, M-17d
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables M-18a, M-18b	Tables M-18c, M-18d
Indeno[1,2,3-*cd*]pyrene	Tables M-19a, M-19b	Tables M-19c, M-19d
Pentachlorophenol	Tables M-20a, M-20b	Tables M-20c, M-20d
cis-Permethrin	Tables M-21a, M-21b	Tables M-21c, M-21d
trans-Permethrin	Tables M-22a, M-22b	Tables M-22c, M-22d
PCB 52	Tables M-23a, M-23b	Tables M-23c, M-23d
PCB 95	Tables M-24a, M-24b	Tables M-24c, M-24d
PCB 101	Tables M-25a, M-25b	Tables M-25c, M-25d
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables M-26a, M-26b	Tables M-26c, M-26d

Descriptive statistics are presented separately for the following groups of OH child participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Stay-at-home children
- Day care children

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Table M-1a. Benz[*a*]anthracene (56-55-3): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	106	41.5	--	--	--	--
	Urban	90	47.8	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	54.5	1.26	1.60	0.839	0.787
	Mid/High Income	63	38.1	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	46	47.8	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	37.0	--	--	--	--
	Urban	110	36.4	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	51.2	46.8	74.6	33.4	0.640
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	33.3	--	--	--	--
	Day Care Children	58	41.4	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	59.8	138	24.2	1.24
	Urban	98	100.0	66.3	149	28.2	1.18
	Rural	17	100.0	22.2	29.9	10.0	1.30
	Low Income	35	100.0	30.2	32.1	19.4	0.981
	Mid/High Income	67	100.0	82.3	177	29.2	1.40
	Home Children	62	100.0	41.2	93.7	16.0	1.24
	Day Care Children	53	100.0	81.5	176	39.1	1.07
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	106	41.5	--	--	--	--
	Urban	90	47.8	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	54.5	5.51	6.99	3.68	0.787
	Mid/High Income	63	38.1	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	46	47.8	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	37.0	--	--	--	--
	Urban	110	36.4	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	51.2	205	327	146	0.640
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	33.3	--	--	--	--
	Day Care Children	58	41.4	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	262	607	106	1.24
	Urban	98	100.0	290	651	123	1.18
	Rural	17	100.0	97.1	131	43.9	1.30
	Low Income	35	100.0	132	140	85.1	0.981
	Mid/High Income	67	100.0	360	775	128	1.40
	Home Children	62	100.0	180	411	70.3	1.24
	Day Care Children	53	100.0	357	769	171	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-1b. Benz[*a*]anthracene (56-55-3): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	106	<MDL	<MDL	<MDL	0.734	2.74	8.32
	Urban	90	<MDL	<MDL	<MDL	0.897	3.31	8.32
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.688	0.688
	Low Income	33	<MDL	<MDL	0.528	1.16	3.64	8.32
	Mid/High Income	63	<MDL	<MDL	<MDL	0.733	1.88	3.31
	Home Children	60	<MDL	<MDL	<MDL	0.697	2.13	3.64
	Day Care Children	46	<MDL	<MDL	<MDL	1.26	3.59	8.32
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	34.7	69.4	1,030
	Urban	110	<MDL	<MDL	<MDL	34.0	78.6	1,030
	Rural	17	<MDL	<MDL	<MDL	37.3	63.6	63.6
	Low Income	41	<MDL	<MDL	30.2	40.3	78.6	484
	Mid/High Income	73	<MDL	<MDL	<MDL	30.9	69.4	1,030
	Home Children	69	<MDL	<MDL	<MDL	32.6	63.6	1,030
	Day Care Children	58	<MDL	<MDL	<MDL	37.3	359	484
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.31	10.6	21.8	56.8	243	1,220
	Urban	98	3.08	12.3	24.6	58.4	255	1,220
	Rural	17	1.31	4.33	5.22	17.2	106	106
	Low Income	35	1.31	10.0	17.0	40.6	88.8	160
	Mid/High Income	67	1.86	11.7	25.7	71.3	259	1,220
	Home Children	62	1.31	5.45	14.0	29.1	152	668
	Day Care Children	53	4.33	17.2	35.0	69.2	259	1,220
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	106	<MDL	<MDL	<MDL	3.21	12.0	36.4
	Urban	90	<MDL	<MDL	<MDL	3.93	14.5	36.4
	Rural	16	<MDL	<MDL	<MDL	<MDL	3.01	3.01
	Low Income	33	<MDL	<MDL	2.31	5.08	16.0	36.4
	Mid/High Income	63	<MDL	<MDL	<MDL	3.21	8.24	14.5
	Home Children	60	<MDL	<MDL	<MDL	3.05	9.32	16.0
	Day Care Children	46	<MDL	<MDL	<MDL	5.53	15.7	36.4
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	152	304	4,510
	Urban	110	<MDL	<MDL	<MDL	149	344	4,510
	Rural	17	<MDL	<MDL	<MDL	163	279	279
	Low Income	41	<MDL	<MDL	132	176	344	2,120
	Mid/High Income	73	<MDL	<MDL	<MDL	135	304	4,510
	Home Children	69	<MDL	<MDL	<MDL	143	279	4,510
	Day Care Children	58	<MDL	<MDL	<MDL	163	1,570	2,120
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	5.73	46.4	95.6	249	1,060	5,340
	Urban	98	13.5	54.0	108	256	1,120	5,340
	Rural	17	5.73	19.0	22.9	75.4	463	463
	Low Income	35	5.73	43.9	74.3	178	389	701
	Mid/High Income	67	8.14	51.5	113	312	1,140	5,340
	Home Children	62	5.73	23.9	61.2	127	665	2,930
	Day Care Children	53	19.0	75.4	153	303	1,140	5,340

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-1c. Benz[*a*]anthracene (56-55-3): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	106	41.5	--	--	--	--
	Urban	90	47.8	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	54.5	0.035	0.043	0.023	0.808
	Mid/High Income	63	38.1	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	46	47.8	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	37.0	--	--	--	--
	Urban	110	36.4	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	51.2	1.42	2.57	0.942	0.710
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	33.3	--	--	--	--
	Day Care Children	58	41.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	1.76	3.88	0.697	1.26
	Urban	98	100.0	1.96	4.16	0.813	1.19
	Rural	17	100.0	0.616	0.806	0.289	1.27
	Low Income	35	100.0	0.921	1.13	0.556	1.02
	Mid/High Income	67	100.0	2.41	4.92	0.842	1.40
	Home Children	62	100.0	1.38	3.78	0.480	1.27
	Day Care Children	53	100.0	2.21	3.98	1.08	1.10
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	106	41.5	--	--	--	--
	Urban	90	47.8	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	54.5	0.153	0.190	0.102	0.808
	Mid/High Income	63	38.1	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	46	47.8	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	37.0	--	--	--	--
	Urban	110	36.4	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	51.2	6.24	11.2	4.13	0.710
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	33.3	--	--	--	--
	Day Care Children	58	41.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	7.71	17.0	3.05	1.26
	Urban	98	100.0	8.58	18.2	3.56	1.19
	Rural	17	100.0	2.70	3.53	1.27	1.27
	Low Income	35	100.0	4.04	4.93	2.43	1.02
	Mid/High Income	67	100.0	10.6	21.6	3.69	1.40
	Home Children	62	100.0	6.04	16.6	2.10	1.27
	Day Care Children	53	100.0	9.67	17.4	4.73	1.10

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-1d. Benz[*a*]anthracene (56-55-3): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	106	<MDL	<MDL	<MDL	0.024	0.071	0.223
	Urban	90	<MDL	<MDL	<MDL	0.027	0.075	0.223
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.019	0.019
	Low Income	33	<MDL	<MDL	0.019	0.037	0.134	0.223
	Mid/High Income	63	<MDL	<MDL	<MDL	0.022	0.051	0.096
	Home Children	60	<MDL	<MDL	<MDL	0.020	0.059	0.134
	Day Care Children	46	<MDL	<MDL	<MDL	0.036	0.075	0.223
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	1.06	2.19	25.2
	Urban	110	<MDL	<MDL	<MDL	1.06	2.70	25.2
	Rural	17	<MDL	<MDL	<MDL	1.04	2.19	2.19
	Low Income	41	<MDL	<MDL	0.872	1.22	2.70	16.7
	Mid/High Income	73	<MDL	<MDL	<MDL	1.04	2.19	25.2
	Home Children	69	<MDL	<MDL	<MDL	1.06	1.75	25.2
	Day Care Children	58	<MDL	<MDL	<MDL	1.05	9.26	16.7
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.031	0.281	0.621	1.61	7.29	28.3
	Urban	98	0.083	0.348	0.686	1.77	8.01	28.3
	Rural	17	0.031	0.134	0.165	0.506	2.54	2.54
	Low Income	35	0.031	0.325	0.455	0.968	3.62	5.51
	Mid/High Income	67	0.064	0.281	0.711	2.03	10.3	28.3
	Home Children	62	0.031	0.203	0.418	1.08	4.40	28.3
	Day Care Children	53	0.165	0.465	1.04	1.93	10.3	24.4
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	106	<MDL	<MDL	<MDL	0.106	0.310	0.979
	Urban	90	<MDL	<MDL	<MDL	0.119	0.326	0.979
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.082	0.082
	Low Income	33	<MDL	<MDL	0.085	0.160	0.586	0.979
	Mid/High Income	63	<MDL	<MDL	<MDL	0.098	0.224	0.420
	Home Children	60	<MDL	<MDL	<MDL	0.088	0.260	0.586
	Day Care Children	46	<MDL	<MDL	<MDL	0.156	0.326	0.979
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	4.63	9.59	110
	Urban	110	<MDL	<MDL	<MDL	4.63	11.8	110
	Rural	17	<MDL	<MDL	<MDL	4.55	9.59	9.59
	Low Income	41	<MDL	<MDL	3.82	5.33	11.8	72.9
	Mid/High Income	73	<MDL	<MDL	<MDL	4.55	9.59	110
	Home Children	69	<MDL	<MDL	<MDL	4.63	7.65	110
	Day Care Children	58	<MDL	<MDL	<MDL	4.58	40.6	72.9
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.134	1.23	2.72	7.03	31.9	124
	Urban	98	0.364	1.52	3.00	7.77	35.1	124
	Rural	17	0.134	0.586	0.721	2.22	11.1	11.1
	Low Income	35	0.134	1.42	1.99	4.24	15.9	24.1
	Mid/High Income	67	0.280	1.23	3.11	8.88	45.0	124
	Home Children	62	0.134	0.889	1.83	4.75	19.3	124
	Day Care Children	53	0.721	2.04	4.57	8.46	45.0	107

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-2a. Benzo[*b*]fluoranthene (205-99-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	48.8	--	--	--	--
	Urban	108	51.9	1.14	1.91	0.778	0.695
	Rural	17	29.4	--	--	--	--
	Low Income	39	59.0	1.67	2.99	0.919	0.904
	Mid/High Income	73	46.6	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	62.5	1.34	2.37	0.853	0.772
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	52.8	60.8	146	36.4	0.747
	Urban	110	51.8	63.5	156	36.1	0.780
	Rural	17	58.8	43.2	25.4	38.0	0.503
	Low Income	41	65.9	59.6	94.5	41.2	0.717
	Mid/High Income	73	47.9	--	--	--	--
	Home Children	69	40.6	--	--	--	--
	Day Care Children	58	67.2	66.2	110	41.5	0.780
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	140	306	61.6	1.19
	Urban	98	100.0	155	328	71.4	1.13
	Rural	17	100.0	53.8	66.6	26.3	1.24
	Low Income	35	100.0	74.9	82.8	48.0	0.971
	Mid/High Income	67	100.0	190	389	74.2	1.33
	Home Children	62	100.0	92.3	177	41.9	1.17
	Day Care Children	53	100.0	197	403	96.7	1.07
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	48.8	--	--	--	--
	Urban	108	51.9	4.54	7.58	3.09	0.695
	Rural	17	29.4	--	--	--	--
	Low Income	39	59.0	6.61	11.9	3.64	0.904
	Mid/High Income	73	46.6	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	62.5	5.31	9.39	3.38	0.772
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	52.8	241	578	144	0.747
	Urban	110	51.8	252	619	143	0.780
	Rural	17	58.8	171	101	150	0.503
	Low Income	41	65.9	236	375	163	0.717
	Mid/High Income	73	47.9	--	--	--	--
	Home Children	69	40.6	--	--	--	--
	Day Care Children	58	67.2	262	437	164	0.780
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	556	1,210	244	1.19
	Urban	98	100.0	616	1,300	283	1.13
	Rural	17	100.0	213	264	104	1.24
	Low Income	35	100.0	297	328	190	0.971
	Mid/High Income	67	100.0	751	1,540	294	1.33
	Home Children	62	100.0	366	700	166	1.17
	Day Care Children	53	100.0	779	1,600	383	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-2b. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.931	3.77	17.3
	Urban	108	<MDL	<MDL	0.536	1.10	3.77	17.3
	Rural	17	<MDL	<MDL	<MDL	0.528	3.86	3.86
	Low Income	39	<MDL	<MDL	0.574	1.39	8.12	17.3
	Mid/High Income	73	<MDL	<MDL	<MDL	0.930	2.91	4.21
	Home Children	69	<MDL	<MDL	<MDL	0.660	3.77	8.12
	Day Care Children	56	<MDL	<MDL	0.580	1.28	4.76	17.3
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	31.4	52.6	94.9	1,440
	Urban	110	<MDL	<MDL	30.9	52.6	94.9	1,440
	Rural	17	<MDL	<MDL	34.8	50.6	114	114
	Low Income	41	<MDL	<MDL	40.7	55.6	85.9	618
	Mid/High Income	73	<MDL	<MDL	<MDL	46.9	114	1,440
	Home Children	69	<MDL	<MDL	<MDL	50.6	84.0	1,440
	Day Care Children	58	<MDL	<MDL	37.3	53.0	405	618
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	4.13	28.8	52.8	134	572	2,750
	Urban	98	7.70	31.9	67.9	149	576	2,750
	Rural	17	4.13	11.4	15.5	45.9	215	215
	Low Income	35	4.13	26.4	43.0	96.1	244	432
	Mid/High Income	67	5.45	28.8	75.6	173	644	2,750
	Home Children	62	4.13	17.5	40.7	92.4	317	1,180
	Day Care Children	53	12.7	43.5	95.8	173	644	2,750
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.69	14.9	68.4
	Urban	108	<MDL	<MDL	2.13	4.36	14.9	68.4
	Rural	17	<MDL	<MDL	<MDL	2.09	15.3	15.3
	Low Income	39	<MDL	<MDL	2.28	5.52	32.2	68.4
	Mid/High Income	73	<MDL	<MDL	<MDL	3.69	11.5	16.7
	Home Children	69	<MDL	<MDL	<MDL	2.62	14.9	32.2
	Day Care Children	56	<MDL	<MDL	2.30	5.09	18.9	68.4
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	124	209	376	5,720
	Urban	110	<MDL	<MDL	122	209	376	5,720
	Rural	17	<MDL	<MDL	138	200	450	450
	Low Income	41	<MDL	<MDL	161	220	341	2,450
	Mid/High Income	73	<MDL	<MDL	<MDL	186	450	5,720
	Home Children	69	<MDL	<MDL	<MDL	200	333	5,720
	Day Care Children	58	<MDL	<MDL	148	210	1,600	2,450
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	16.4	114	209	532	2,270	10,900
	Urban	98	30.5	126	269	591	2,280	10,900
	Rural	17	16.4	45.0	61.3	182	854	854
	Low Income	35	16.4	105	170	381	969	1,710
	Mid/High Income	67	21.6	114	300	685	2,550	10,900
	Home Children	62	16.4	69.2	161	366	1,260	4,690
	Day Care Children	53	50.3	173	380	685	2,550	10,900

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-2c. Benzo[*b*]fluoranthene (205-99-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	48.8	--	--	--	--
	Urban	108	51.9	0.033	0.055	0.022	0.724
	Rural	17	29.4	--	--	--	--
	Low Income	39	59.0	0.048	0.086	0.026	0.935
	Mid/High Income	73	46.6	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	62.5	0.037	0.064	0.023	0.819
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	52.8	1.74	3.87	1.04	0.765
	Urban	110	51.8	1.80	4.14	1.03	0.791
	Rural	17	58.8	1.30	0.910	1.09	0.581
	Low Income	41	65.9	1.81	3.26	1.16	0.777
	Mid/High Income	73	47.9	--	--	--	--
	Home Children	69	40.6	--	--	--	--
	Day Care Children	58	67.2	1.91	3.48	1.14	0.807
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	4.12	8.18	1.78	1.21
	Urban	98	100.0	4.57	8.76	2.06	1.15
	Rural	17	100.0	1.52	1.90	0.758	1.22
	Low Income	35	100.0	2.31	2.95	1.37	1.02
	Mid/High Income	67	100.0	5.52	10.3	2.14	1.34
	Home Children	62	100.0	3.04	6.98	1.25	1.20
	Day Care Children	53	100.0	5.39	9.31	2.67	1.10
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	48.8	--	--	--	--
	Urban	108	51.9	0.132	0.218	0.088	0.724
	Rural	17	29.4	--	--	--	--
	Low Income	39	59.0	0.191	0.341	0.102	0.935
	Mid/High Income	73	46.6	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	62.5	0.148	0.255	0.093	0.819
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	52.8	6.88	15.3	4.13	0.765
	Urban	110	51.8	7.14	16.4	4.10	0.791
	Rural	17	58.8	5.17	3.61	4.33	0.581
	Low Income	41	65.9	7.17	12.9	4.61	0.777
	Mid/High Income	73	47.9	--	--	--	--
	Home Children	69	40.6	--	--	--	--
	Day Care Children	58	67.2	7.59	13.8	4.53	0.807
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	16.3	32.4	7.04	1.21
	Urban	98	100.0	18.1	34.7	8.16	1.15
	Rural	17	100.0	6.01	7.51	3.00	1.22
	Low Income	35	100.0	9.17	11.7	5.44	1.02
	Mid/High Income	67	100.0	21.9	40.8	8.49	1.34
	Home Children	62	100.0	12.1	27.7	4.96	1.20
	Day Care Children	53	100.0	21.3	36.9	10.6	1.10

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-2d. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.027	0.100	0.464
	Urban	108	<MDL	<MDL	0.017	0.030	0.100	0.464
	Rural	17	<MDL	<MDL	<MDL	0.018	0.109	0.109
	Low Income	39	<MDL	<MDL	0.019	0.043	0.298	0.464
	Mid/High Income	73	<MDL	<MDL	<MDL	0.027	0.087	0.122
	Home Children	69	<MDL	<MDL	<MDL	0.020	0.109	0.298
	Day Care Children	56	<MDL	<MDL	0.019	0.037	0.100	0.464
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	0.933	1.54	3.15	35.3
	Urban	110	<MDL	<MDL	0.915	1.54	3.15	35.3
	Rural	17	<MDL	<MDL	1.04	1.42	3.91	3.91
	Low Income	41	<MDL	<MDL	1.08	1.69	3.15	21.3
	Mid/High Income	73	<MDL	<MDL	<MDL	1.45	3.91	35.3
	Home Children	69	<MDL	<MDL	<MDL	1.57	2.80	35.3
	Day Care Children	58	<MDL	<MDL	1.01	1.47	13.1	21.3
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.097	0.700	1.48	3.83	18.0	55.2
	Urban	98	0.223	0.887	1.71	3.97	18.6	55.2
	Rural	17	0.097	0.307	0.482	1.45	6.54	6.54
	Low Income	35	0.097	0.672	1.30	2.62	9.97	14.9
	Mid/High Income	67	0.187	0.777	2.06	4.74	24.4	55.2
	Home Children	62	0.097	0.488	1.14	3.00	9.18	50.2
	Day Care Children	53	0.363	1.26	2.88	4.74	24.4	55.2
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.106	0.396	1.84
	Urban	108	<MDL	<MDL	0.068	0.120	0.396	1.84
	Rural	17	<MDL	<MDL	<MDL	0.072	0.433	0.433
	Low Income	39	<MDL	<MDL	0.075	0.170	1.18	1.84
	Mid/High Income	73	<MDL	<MDL	<MDL	0.106	0.343	0.484
	Home Children	69	<MDL	<MDL	<MDL	0.079	0.433	1.18
	Day Care Children	56	<MDL	<MDL	0.075	0.146	0.396	1.84
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	3.70	6.09	12.5	140
	Urban	110	<MDL	<MDL	3.63	6.09	12.5	140
	Rural	17	<MDL	<MDL	4.12	5.61	15.5	15.5
	Low Income	41	<MDL	<MDL	4.30	6.70	12.5	84.3
	Mid/High Income	73	<MDL	<MDL	<MDL	5.76	15.5	140
	Home Children	69	<MDL	<MDL	<MDL	6.21	11.1	140
	Day Care Children	58	<MDL	<MDL	4.02	5.82	51.9	84.3
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.383	2.78	5.86	15.2	71.3	219
	Urban	98	0.884	3.52	6.78	15.7	73.9	219
	Rural	17	0.383	1.22	1.91	5.75	25.9	25.9
	Low Income	35	0.383	2.66	5.15	10.4	39.5	58.9
	Mid/High Income	67	0.743	3.08	8.18	18.8	96.7	219
	Home Children	62	0.383	1.93	4.53	11.9	36.4	199
	Day Care Children	53	1.44	5.00	11.4	18.8	96.7	219

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-3a. Benzo[*k*]fluoranthene (207-08-9): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	40.8	--	--	--	--
	Urban	108	42.6	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	38.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	53.6	0.646	0.409	0.591	0.363
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	25.2	--	--	--	--
	Urban	110	24.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	17.4	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	50.1	109	22.1	1.19
	Urban	98	100.0	55.2	117	25.2	1.13
	Rural	17	100.0	20.7	23.2	10.4	1.27
	Low Income	35	100.0	26.4	28.3	17.1	0.984
	Mid/High Income	67	100.0	67.8	139	26.5	1.32
	Home Children	62	100.0	34.6	73.1	15.1	1.18
	Day Care Children	53	100.0	68.3	138	34.6	1.04
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	40.8	--	--	--	--
	Urban	108	42.6	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	38.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	53.6	2.56	1.62	2.34	0.363
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	25.2	--	--	--	--
	Urban	110	24.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	17.4	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	199	432	87.8	1.19
	Urban	98	100.0	219	464	100	1.13
	Rural	17	100.0	82.1	92.1	41.4	1.27
	Low Income	35	100.0	105	112	67.7	0.984
	Mid/High Income	67	100.0	269	550	105	1.32
	Home Children	62	100.0	137	290	59.9	1.18
	Day Care Children	53	100.0	271	548	137	1.04

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-3b. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.605	1.32	3.27
	Urban	108	<MDL	<MDL	<MDL	0.647	1.32	3.27
	Rural	17	<MDL	<MDL	<MDL	0.528	1.72	1.72
	Low Income	39	<MDL	<MDL	<MDL	0.723	1.70	3.27
	Mid/High Income	73	<MDL	<MDL	<MDL	0.547	1.32	1.94
	Home Children	69	<MDL	<MDL	<MDL	0.538	1.40	1.94
	Day Care Children	56	<MDL	<MDL	0.522	0.672	1.22	3.27
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	33.6	61.2	495
	Urban	110	<MDL	<MDL	<MDL	<MDL	74.1	495
	Rural	17	<MDL	<MDL	<MDL	37.0	57.4	57.4
	Low Income	41	<MDL	<MDL	<MDL	36.2	50.2	207
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	74.1	495
	Home Children	69	<MDL	<MDL	<MDL	<MDL	46.7	495
	Day Care Children	58	<MDL	<MDL	<MDL	37.3	96.2	225
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.20	9.55	22.0	48.0	199	955
	Urban	98	2.70	11.0	24.6	48.9	208	955
	Rural	17	1.20	3.86	6.48	31.9	78.5	78.5
	Low Income	35	1.20	9.55	14.6	33.1	82.1	148
	Mid/High Income	67	2.70	8.50	29.1	58.7	225	955
	Home Children	62	1.20	6.48	14.8	32.3	115	515
	Day Care Children	53	5.98	16.3	32.9	57.5	225	955
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	2.40	5.24	12.9
	Urban	108	<MDL	<MDL	<MDL	2.56	5.24	12.9
	Rural	17	<MDL	<MDL	<MDL	2.09	6.82	6.82
	Low Income	39	<MDL	<MDL	<MDL	2.87	6.72	12.9
	Mid/High Income	73	<MDL	<MDL	<MDL	2.17	5.24	7.69
	Home Children	69	<MDL	<MDL	<MDL	2.13	5.54	7.69
	Day Care Children	56	<MDL	<MDL	2.07	2.66	4.84	12.9
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	133	243	1,960
	Urban	110	<MDL	<MDL	<MDL	<MDL	294	1,960
	Rural	17	<MDL	<MDL	<MDL	147	228	228
	Low Income	41	<MDL	<MDL	<MDL	144	199	820
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	294	1,960
	Home Children	69	<MDL	<MDL	<MDL	<MDL	185	1,960
	Day Care Children	58	<MDL	<MDL	<MDL	148	381	891
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	4.74	37.8	87.4	190	790	3,780
	Urban	98	10.7	43.6	97.6	194	824	3,780
	Rural	17	4.74	15.3	25.7	127	311	311
	Low Income	35	4.74	37.8	57.7	131	325	587
	Mid/High Income	67	10.7	33.7	115	233	890	3,780
	Home Children	62	4.74	25.7	58.7	128	455	2,040
	Day Care Children	53	23.7	64.5	130	228	890	3,780

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-3c. Benzo[*k*]fluoranthene (207-08-9): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	40.8	--	--	--	--
	Urban	108	42.6	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	38.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	53.6	0.018	0.011	0.016	0.428
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	25.2	--	--	--	--
	Urban	110	24.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	17.4	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	1.48	3.05	0.638	1.21
	Urban	98	100.0	1.64	3.27	0.728	1.16
	Rural	17	100.0	0.574	0.641	0.301	1.24
	Low Income	35	100.0	0.820	1.01	0.488	1.05
	Mid/High Income	67	100.0	1.99	3.86	0.766	1.33
	Home Children	62	100.0	1.16	2.94	0.452	1.22
	Day Care Children	53	100.0	1.86	3.16	0.957	1.07
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	40.8	--	--	--	--
	Urban	108	42.6	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	38.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	53.6	0.071	0.045	0.064	0.428
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	25.2	--	--	--	--
	Urban	110	24.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	17.4	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	5.88	12.1	2.53	1.21
	Urban	98	100.0	6.50	13.0	2.88	1.16
	Rural	17	100.0	2.28	2.54	1.19	1.24
	Low Income	35	100.0	3.25	4.00	1.93	1.05
	Mid/High Income	67	100.0	7.90	15.3	3.04	1.33
	Home Children	62	100.0	4.59	11.7	1.79	1.22
	Day Care Children	53	100.0	7.39	12.5	3.79	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-3d. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.019	0.035	0.088
	Urban	108	<MDL	<MDL	<MDL	0.020	0.035	0.088
	Rural	17	<MDL	<MDL	<MDL	0.018	0.044	0.044
	Low Income	39	<MDL	<MDL	<MDL	0.022	0.062	0.088
	Mid/High Income	73	<MDL	<MDL	<MDL	0.019	0.042	0.056
	Home Children	69	<MDL	<MDL	<MDL	0.019	0.043	0.062
	Day Care Children	56	<MDL	<MDL	0.016	0.020	0.035	0.088
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	0.997	1.98	12.1
	Urban	110	<MDL	<MDL	<MDL	<MDL	2.15	12.1
	Rural	17	<MDL	<MDL	<MDL	1.04	1.98	1.98
	Low Income	41	<MDL	<MDL	<MDL	0.997	1.73	7.12
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	2.15	12.1
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.43	12.1
	Day Care Children	58	<MDL	<MDL	<MDL	1.05	3.00	7.12
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.028	0.262	0.598	1.36	6.54	21.8
	Urban	98	0.078	0.308	0.643	1.44	6.86	21.8
	Rural	17	0.028	0.132	0.227	0.818	2.16	2.16
	Low Income	35	0.028	0.283	0.449	1.01	3.35	5.10
	Mid/High Income	67	0.078	0.240	0.818	1.67	7.88	21.8
	Home Children	62	0.028	0.192	0.396	1.10	3.33	21.8
	Day Care Children	53	0.127	0.440	0.937	1.67	7.88	19.1
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.077	0.140	0.348
	Urban	108	<MDL	<MDL	<MDL	0.078	0.140	0.348
	Rural	17	<MDL	<MDL	<MDL	0.072	0.175	0.175
	Low Income	39	<MDL	<MDL	<MDL	0.087	0.247	0.348
	Mid/High Income	73	<MDL	<MDL	<MDL	0.075	0.165	0.223
	Home Children	69	<MDL	<MDL	<MDL	0.075	0.170	0.247
	Day Care Children	56	<MDL	<MDL	0.063	0.080	0.140	0.348
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	3.95	7.83	48.0
	Urban	110	<MDL	<MDL	<MDL	<MDL	8.51	48.0
	Rural	17	<MDL	<MDL	<MDL	4.12	7.83	7.83
	Low Income	41	<MDL	<MDL	<MDL	3.95	6.85	28.2
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	8.51	48.0
	Home Children	69	<MDL	<MDL	<MDL	<MDL	5.68	48.0
	Day Care Children	58	<MDL	<MDL	<MDL	4.14	11.9	28.2
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.111	1.04	2.37	5.39	25.9	86.4
	Urban	98	0.311	1.22	2.55	5.71	27.2	86.4
	Rural	17	0.111	0.524	0.899	3.24	8.55	8.55
	Low Income	35	0.111	1.12	1.78	4.01	13.3	20.2
	Mid/High Income	67	0.310	0.952	3.24	6.62	31.2	86.4
	Home Children	62	0.111	0.762	1.57	4.35	13.2	86.4
	Day Care Children	53	0.502	1.74	3.71	6.62	31.2	75.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-4a. Benzo[*ghi*]perylene (191-24-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	44.0	--	--	--	--
	Urban	108	50.0	1.04	1.74	0.765	0.580
	Rural	17	5.9	--	--	--	--
	Low Income	39	69.2	1.60	2.81	0.962	0.808
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	60.7	1.29	2.35	0.841	0.704
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	4.7	--	--	--	--
	Urban	110	4.5	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	4.9	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	58	6.9	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	72.8	152	32.9	1.18
	Urban	98	100.0	80.1	163	37.6	1.12
	Rural	17	100.0	31.0	37.8	15.4	1.24
	Low Income	35	100.0	39.5	41.2	25.6	0.968
	Mid/High Income	67	100.0	98.0	193	39.5	1.31
	Home Children	62	100.0	50.5	111	22.4	1.16
	Day Care Children	53	100.0	98.9	186	51.7	1.03
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	44.0	--	--	--	--
	Urban	108	50.0	3.75	6.31	2.77	0.580
	Rural	17	5.9	--	--	--	--
	Low Income	39	69.2	5.79	10.2	3.48	0.808
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	60.7	4.65	8.49	3.04	0.704
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	4.7	--	--	--	--
	Urban	110	4.5	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	4.9	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	58	6.9	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	264	550	119	1.18
	Urban	98	100.0	290	589	136	1.12
	Rural	17	100.0	112	137	55.6	1.24
	Low Income	35	100.0	143	149	92.8	0.968
	Mid/High Income	67	100.0	354	699	143	1.31
	Home Children	62	100.0	183	403	81.0	1.16
	Day Care Children	53	100.0	358	674	187	1.03

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-4b. Benzo[*ghi*]perylene (191-24-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.887	1.78	15.9
	Urban	108	<MDL	<MDL	<MDL	0.900	1.78	15.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.973	0.973
	Low Income	39	<MDL	<MDL	0.775	1.31	9.30	15.9
	Mid/High Income	73	<MDL	<MDL	<MDL	0.794	1.40	1.78
	Home Children	69	<MDL	<MDL	<MDL	0.775	1.40	4.08
	Day Care Children	56	<MDL	<MDL	0.773	1.04	3.14	15.9
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	1,140
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	1,140
	Rural	17	<MDL	<MDL	<MDL	<MDL	63.6	63.6
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	631
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	63.6	1,140
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	1,140
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	179	776
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	2.12	14.1	27.9	73.7	283	1,260
	Urban	98	4.01	18.2	35.4	78.2	309	1,260
	Rural	17	2.12	6.78	9.45	26.5	126	126
	Low Income	35	2.12	14.1	25.1	53.8	139	200
	Mid/High Income	67	3.22	13.9	38.0	86.0	311	1,260
	Home Children	62	2.12	9.45	21.6	45.7	148	820
	Day Care Children	53	7.46	25.1	50.4	91.6	311	1,260
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.21	6.44	57.7
	Urban	108	<MDL	<MDL	<MDL	3.26	6.44	57.7
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.52	3.52
	Low Income	39	<MDL	<MDL	2.80	4.74	33.7	57.7
	Mid/High Income	73	<MDL	<MDL	<MDL	2.87	5.07	6.44
	Home Children	69	<MDL	<MDL	<MDL	2.80	5.07	14.8
	Day Care Children	56	<MDL	<MDL	2.80	3.77	11.4	57.7
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	4,130
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	4,130
	Rural	17	<MDL	<MDL	<MDL	<MDL	230	230
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	2,280
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	230	4,130
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	4,130
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	648	2,810
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	7.68	51.0	101	267	1,020	4,570
	Urban	98	14.5	65.9	128	283	1,120	4,570
	Rural	17	7.68	24.5	34.2	96.0	455	455
	Low Income	35	7.68	51.0	90.7	195	505	725
	Mid/High Income	67	11.7	50.2	138	311	1,130	4,570
	Home Children	62	7.68	34.2	78.0	165	536	2,970
	Day Care Children	53	27.0	90.7	182	332	1,130	4,570

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-4c. Benzo[*ghi*]perylene (191-24-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	44.0	--	--	--	--
	Urban	108	50.0	0.030	0.052	0.022	0.619
	Rural	17	5.9	--	--	--	--
	Low Income	39	69.2	0.047	0.084	0.027	0.852
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	60.7	0.037	0.070	0.023	0.755
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	4.7	--	--	--	--
	Urban	110	4.5	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	4.9	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	58	6.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	2.18	4.50	0.949	1.20
	Urban	98	100.0	2.40	4.82	1.08	1.15
	Rural	17	100.0	0.869	1.05	0.442	1.22
	Low Income	35	100.0	1.22	1.49	0.733	1.03
	Mid/High Income	67	100.0	2.91	5.69	1.14	1.32
	Home Children	62	100.0	1.70	4.56	0.669	1.19
	Day Care Children	53	100.0	2.74	4.40	1.43	1.07
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	44.0	--	--	--	--
	Urban	108	50.0	0.110	0.190	0.079	0.619
	Rural	17	5.9	--	--	--	--
	Low Income	39	69.2	0.169	0.305	0.098	0.852
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	60.7	0.133	0.253	0.083	0.755
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	4.7	--	--	--	--
	Urban	110	4.5	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	4.9	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	58	6.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	7.87	16.3	3.43	1.20
	Urban	98	100.0	8.70	17.4	3.92	1.15
	Rural	17	100.0	3.15	3.79	1.60	1.22
	Low Income	35	100.0	4.43	5.39	2.65	1.03
	Mid/High Income	67	100.0	10.5	20.6	4.13	1.32
	Home Children	62	100.0	6.14	16.5	2.42	1.19
	Day Care Children	53	100.0	9.90	15.9	5.17	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-4d. Benzo[*ghi*]perylene (191-24-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.027	0.055	0.488
	Urban	108	<MDL	<MDL	<MDL	0.027	0.058	0.488
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.033	0.033
	Low Income	39	<MDL	<MDL	0.021	0.038	0.250	0.488
	Mid/High Income	73	<MDL	<MDL	<MDL	0.026	0.042	0.058
	Home Children	69	<MDL	<MDL	<MDL	0.026	0.042	0.150
	Day Care Children	56	<MDL	<MDL	0.020	0.033	0.078	0.488
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	27.9
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	27.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	2.19	2.19
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	21.7
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	2.19	27.9
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	27.9
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	5.80	21.7
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.050	0.379	0.816	2.07	8.57	34.7
	Urban	98	0.116	0.476	0.935	2.15	8.89	34.7
	Rural	17	0.050	0.195	0.311	0.891	3.46	3.46
	Low Income	35	0.050	0.379	0.755	1.47	5.69	6.90
	Mid/High Income	67	0.111	0.382	1.17	2.47	13.1	34.7
	Home Children	62	0.050	0.287	0.611	1.56	4.29	34.7
	Day Care Children	53	0.155	0.692	1.47	2.64	13.1	25.3
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.096	0.199	1.77
	Urban	108	<MDL	<MDL	<MDL	0.097	0.208	1.77
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.121	0.121
	Low Income	39	<MDL	<MDL	0.078	0.139	0.904	1.77
	Mid/High Income	73	<MDL	<MDL	<MDL	0.093	0.151	0.208
	Home Children	69	<MDL	<MDL	<MDL	0.093	0.151	0.542
	Day Care Children	56	<MDL	<MDL	0.072	0.118	0.282	1.77
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	101
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	101
	Rural	17	<MDL	<MDL	<MDL	<MDL	7.93	7.93
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	78.5
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	7.93	101
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	101
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	21.0	78.5
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.180	1.37	2.95	7.50	31.0	126
	Urban	98	0.420	1.72	3.38	7.79	32.2	126
	Rural	17	0.180	0.707	1.13	3.22	12.5	12.5
	Low Income	35	0.180	1.37	2.73	5.32	20.6	25.0
	Mid/High Income	67	0.401	1.38	4.24	8.93	47.4	126
	Home Children	62	0.180	1.04	2.21	5.65	15.5	126
	Day Care Children	53	0.561	2.50	5.32	9.55	47.4	91.5

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-5a. Benzo[*a*]pyrene (50-32-8): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	32.8	--	--	--	--
	Urban	108	37.0	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	22.8	--	--	--	--
	Urban	110	20.0	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	24.4	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	27.6	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	79.1	183	33.0	1.21
	Urban	98	100.0	87.2	196	37.7	1.15
	Rural	17	100.0	32.2	41.1	15.3	1.28
	Low Income	35	100.0	39.3	42.9	25.0	0.986
	Mid/High Income	67	100.0	109	233	40.4	1.35
	Home Children	62	100.0	55.2	123	22.7	1.21
	Day Care Children	53	100.0	107	232	51.2	1.07
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	32.8	--	--	--	--
	Urban	108	37.0	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	22.8	--	--	--	--
	Urban	110	20.0	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	24.4	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	27.6	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	313	724	131	1.21
	Urban	98	100.0	346	777	149	1.15
	Rural	17	100.0	128	163	60.7	1.28
	Low Income	35	100.0	156	170	99.2	0.986
	Mid/High Income	67	100.0	433	924	160	1.35
	Home Children	62	100.0	219	488	89.8	1.21
	Day Care Children	53	100.0	424	920	203	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-5b. Benzo[*a*]pyrene (50-32-8): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.556	2.95	11.1
	Urban	108	<MDL	<MDL	<MDL	0.596	3.01	11.1
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.810	0.810
	Low Income	39	<MDL	<MDL	<MDL	0.797	5.93	11.1
	Mid/High Income	73	<MDL	<MDL	<MDL	0.528	1.38	3.23
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.02	5.93
	Day Care Children	56	<MDL	<MDL	<MDL	0.891	4.01	11.1
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	75.2	1,870
	Urban	110	<MDL	<MDL	<MDL	<MDL	70.6	1,870
	Rural	17	<MDL	<MDL	<MDL	37.3	82.4	82.4
	Low Income	41	<MDL	<MDL	<MDL	<MDL	75.2	1,070
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	82.4	1,870
	Home Children	69	<MDL	<MDL	<MDL	<MDL	70.6	1,870
	Day Care Children	58	<MDL	<MDL	<MDL	37.3	213	1,070
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.93	13.7	28.7	70.3	319	1,590
	Urban	98	4.32	17.3	31.7	73.9	325	1,590
	Rural	17	1.93	7.67	8.40	26.9	143	143
	Low Income	35	1.93	12.4	22.3	52.5	102	226
	Mid/High Income	67	2.76	14.4	32.4	96.3	340	1,590
	Home Children	62	1.93	8.61	21.8	44.3	182	870
	Day Care Children	53	7.87	25.6	50.2	91.0	319	1,590
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	2.20	11.7	43.9
	Urban	108	<MDL	<MDL	<MDL	2.36	11.9	43.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.21	3.21
	Low Income	39	<MDL	<MDL	<MDL	3.16	23.5	43.9
	Mid/High Income	73	<MDL	<MDL	<MDL	2.09	5.45	12.8
	Home Children	69	<MDL	<MDL	<MDL	<MDL	4.03	23.5
	Day Care Children	56	<MDL	<MDL	<MDL	3.53	15.9	43.9
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	298	7,400
	Urban	110	<MDL	<MDL	<MDL	<MDL	280	7,400
	Rural	17	<MDL	<MDL	<MDL	148	326	326
	Low Income	41	<MDL	<MDL	<MDL	<MDL	298	4,240
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	326	7,400
	Home Children	69	<MDL	<MDL	<MDL	<MDL	280	7,400
	Day Care Children	58	<MDL	<MDL	<MDL	148	843	4,240
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	7.65	54.4	114	279	1,270	6,320
	Urban	98	17.1	68.5	125	293	1,290	6,320
	Rural	17	7.65	30.4	33.3	107	567	567
	Low Income	35	7.65	49.0	88.2	208	406	895
	Mid/High Income	67	10.9	57.0	128	382	1,350	6,320
	Home Children	62	7.65	34.1	86.5	176	721	3,450
	Day Care Children	53	31.2	102	199	360	1,270	6,320

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-5c. Benzo[*a*]pyrene (50-32-8): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	32.8	--	--	--	--
	Urban	108	37.0	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	22.8	--	--	--	--
	Urban	110	20.0	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	24.4	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	27.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	2.34	5.14	0.952	1.23
	Urban	98	100.0	2.59	5.51	1.09	1.18
	Rural	17	100.0	0.900	1.13	0.441	1.26
	Low Income	35	100.0	1.20	1.49	0.715	1.04
	Mid/High Income	67	100.0	3.21	6.52	1.17	1.36
	Home Children	62	100.0	1.85	4.96	0.677	1.24
	Day Care Children	53	100.0	2.91	5.32	1.42	1.10
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	32.8	--	--	--	--
	Urban	108	37.0	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	22.8	--	--	--	--
	Urban	110	20.0	--	--	--	--
	Rural	17	41.2	--	--	--	--
	Low Income	41	24.4	--	--	--	--
	Mid/High Income	73	24.7	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	27.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	9.27	20.4	3.77	1.23
	Urban	98	100.0	10.3	21.8	4.31	1.18
	Rural	17	100.0	3.57	4.46	1.75	1.26
	Low Income	35	100.0	4.76	5.89	2.84	1.04
	Mid/High Income	67	100.0	12.7	25.8	4.62	1.36
	Home Children	62	100.0	7.34	19.7	2.69	1.24
	Day Care Children	53	100.0	11.5	21.1	5.61	1.10

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-5d. Benzo[*a*]pyrene (50-32-8): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.019	0.088	0.297
	Urban	108	<MDL	<MDL	<MDL	0.020	0.088	0.297
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.021	0.021
	Low Income	39	<MDL	<MDL	<MDL	0.026	0.218	0.297
	Mid/High Income	73	<MDL	<MDL	<MDL	0.018	0.041	0.094
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.027	0.218
	Day Care Children	56	<MDL	<MDL	<MDL	0.025	0.092	0.297
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	2.59	45.7
	Urban	110	<MDL	<MDL	<MDL	<MDL	1.84	45.7
	Rural	17	<MDL	<MDL	<MDL	1.04	2.83	2.83
	Low Income	41	<MDL	<MDL	<MDL	<MDL	2.59	36.8
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	2.83	45.7
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.81	45.7
	Day Care Children	58	<MDL	<MDL	<MDL	1.05	6.89	36.8
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.045	0.377	0.811	2.12	10.7	36.9
	Urban	98	0.125	0.473	0.878	2.19	11.2	36.9
	Rural	17	0.045	0.197	0.299	0.853	3.68	3.68
	Low Income	35	0.045	0.382	0.713	1.52	3.71	7.77
	Mid/High Income	67	0.095	0.370	1.03	2.53	13.2	36.9
	Home Children	62	0.045	0.272	0.689	1.67	5.27	36.9
	Day Care Children	53	0.224	0.688	1.43	2.53	13.2	31.9
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.077	0.347	1.18
	Urban	108	<MDL	<MDL	<MDL	0.079	0.348	1.18
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.082	0.082
	Low Income	39	<MDL	<MDL	<MDL	0.104	0.862	1.18
	Mid/High Income	73	<MDL	<MDL	<MDL	0.073	0.162	0.371
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.109	0.862
	Day Care Children	56	<MDL	<MDL	<MDL	0.098	0.365	1.18
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	10.3	181
	Urban	110	<MDL	<MDL	<MDL	<MDL	7.28	181
	Rural	17	<MDL	<MDL	<MDL	4.12	11.2	11.2
	Low Income	41	<MDL	<MDL	<MDL	<MDL	10.3	146
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	11.2	181
	Home Children	69	<MDL	<MDL	<MDL	<MDL	7.17	181
	Day Care Children	58	<MDL	<MDL	<MDL	4.14	27.3	146
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.179	1.49	3.21	8.39	42.5	146
	Urban	98	0.496	1.87	3.48	8.69	44.3	146
	Rural	17	0.179	0.782	1.18	3.38	14.6	14.6
	Low Income	35	0.179	1.51	2.83	6.03	14.7	30.8
	Mid/High Income	67	0.376	1.47	4.07	10.0	52.3	146
	Home Children	62	0.179	1.08	2.73	6.63	20.9	146
	Day Care Children	53	0.887	2.73	5.66	10.0	52.3	127

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-6a. Benzo[*e*]pyrene (192-97-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	40.0	--	--	--	--
	Urban	108	45.4	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	0.973	1.02	0.745	0.635
	Mid/High Income	73	35.6	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	51.8	0.828	0.803	0.679	0.537
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	28.3	--	--	--	--
	Urban	110	25.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	36.6	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	74.8	159	33.4	1.18
	Urban	98	100.0	82.6	171	38.3	1.12
	Rural	17	100.0	29.7	36.0	15.3	1.20
	Low Income	35	100.0	39.7	43.1	25.9	0.950
	Mid/High Income	67	100.0	101	203	40.2	1.31
	Home Children	62	100.0	51.7	108	23.1	1.16
	Day Care Children	53	100.0	102	201	51.5	1.05
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	40.0	--	--	--	--
	Urban	108	45.4	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	3.86	4.02	2.95	0.635
	Mid/High Income	73	35.6	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	51.8	3.28	3.18	2.69	0.537
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	28.3	--	--	--	--
	Urban	110	25.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	36.6	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	296	631	133	1.18
	Urban	98	100.0	327	677	152	1.12
	Rural	17	100.0	118	143	60.6	1.20
	Low Income	35	100.0	157	171	103	0.950
	Mid/High Income	67	100.0	400	803	159	1.31
	Home Children	62	100.0	205	428	91.6	1.16
	Day Care Children	53	100.0	403	798	204	1.05

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-6b. Benzo[*e*]pyrene (192-97-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.605	1.87	5.65
	Urban	108	<MDL	<MDL	<MDL	0.692	2.14	5.65
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.870	0.870
	Low Income	39	<MDL	<MDL	0.533	0.964	3.44	5.65
	Mid/High Income	73	<MDL	<MDL	<MDL	0.551	1.02	2.24
	Home Children	69	<MDL	<MDL	<MDL	0.545	1.02	3.44
	Day Care Children	56	<MDL	<MDL	0.531	0.839	2.27	5.65
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	33.6	62.9	525
	Urban	110	<MDL	<MDL	<MDL	33.3	69.1	525
	Rural	17	<MDL	<MDL	<MDL	37.3	62.9	62.9
	Low Income	41	<MDL	<MDL	<MDL	34.5	69.1	272
	Mid/High Income	73	<MDL	<MDL	<MDL	31.6	57.4	525
	Home Children	69	<MDL	<MDL	<MDL	<MDL	46.6	525
	Day Care Children	58	<MDL	<MDL	<MDL	37.3	191	461
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.98	14.8	29.7	70.5	287	1,370
	Urban	98	4.17	17.2	37.3	77.1	309	1,370
	Rural	17	1.98	7.27	9.09	25.4	121	121
	Low Income	35	1.98	13.6	23.9	51.9	134	223
	Mid/High Income	67	3.60	14.8	43.7	91.7	326	1,370
	Home Children	62	1.98	10.0	22.0	47.6	175	766
	Day Care Children	53	7.27	24.0	50.6	91.7	326	1,370
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	2.40	7.42	22.4
	Urban	108	<MDL	<MDL	<MDL	2.74	8.47	22.4
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.45	3.45
	Low Income	39	<MDL	<MDL	2.11	3.82	13.6	22.4
	Mid/High Income	73	<MDL	<MDL	<MDL	2.18	4.03	8.89
	Home Children	69	<MDL	<MDL	<MDL	2.16	4.03	13.6
	Day Care Children	56	<MDL	<MDL	2.10	3.32	9.01	22.4
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	133	249	2,080
	Urban	110	<MDL	<MDL	<MDL	132	274	2,080
	Rural	17	<MDL	<MDL	<MDL	148	249	249
	Low Income	41	<MDL	<MDL	<MDL	137	274	1,080
	Mid/High Income	73	<MDL	<MDL	<MDL	125	228	2,080
	Home Children	69	<MDL	<MDL	<MDL	<MDL	185	2,080
	Day Care Children	58	<MDL	<MDL	<MDL	148	757	1,830
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	7.83	58.6	118	280	1,140	5,430
	Urban	98	16.5	68.2	148	306	1,220	5,430
	Rural	17	7.83	28.8	36.0	101	481	481
	Low Income	35	7.83	54.0	94.6	206	532	884
	Mid/High Income	67	14.3	58.6	173	363	1,290	5,430
	Home Children	62	7.83	39.7	87.3	189	692	3,040
	Day Care Children	53	28.8	95.0	201	363	1,290	5,430

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-6c. Benzo[*e*]pyrene (192-97-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	40.0	--	--	--	--
	Urban	108	45.4	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	0.028	0.030	0.021	0.690
	Mid/High Income	73	35.6	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	51.8	0.023	0.022	0.019	0.593
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	28.3	--	--	--	--
	Urban	110	25.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	36.6	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	2.22	4.52	0.964	1.20
	Urban	98	100.0	2.46	4.85	1.10	1.15
	Rural	17	100.0	0.837	1.00	0.440	1.19
	Low Income	35	100.0	1.23	1.55	0.741	1.01
	Mid/High Income	67	100.0	2.97	5.71	1.16	1.32
	Home Children	62	100.0	1.73	4.36	0.691	1.20
	Day Care Children	53	100.0	2.80	4.68	1.42	1.08
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	40.0	--	--	--	--
	Urban	108	45.4	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	0.112	0.119	0.083	0.690
	Mid/High Income	73	35.6	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	51.8	0.092	0.088	0.074	0.593
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	28.3	--	--	--	--
	Urban	110	25.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	36.6	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	18.8	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	8.79	17.9	3.82	1.20
	Urban	98	100.0	9.74	19.2	4.38	1.15
	Rural	17	100.0	3.32	3.97	1.75	1.19
	Low Income	35	100.0	4.88	6.14	2.94	1.01
	Mid/High Income	67	100.0	11.8	22.6	4.59	1.32
	Home Children	62	100.0	6.84	17.3	2.74	1.20
	Day Care Children	53	100.0	11.1	18.6	5.64	1.08

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-6d. Benzo[*e*]pyrene (192-97-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.020	0.055	0.152
	Urban	108	<MDL	<MDL	<MDL	0.022	0.057	0.152
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.022	0.022
	Low Income	39	<MDL	<MDL	0.018	0.030	0.126	0.152
	Mid/High Income	73	<MDL	<MDL	<MDL	0.019	0.029	0.065
	Home Children	69	<MDL	<MDL	<MDL	0.018	0.030	0.126
	Day Care Children	56	<MDL	<MDL	0.016	0.023	0.057	0.152
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	0.956	2.16	12.8
	Urban	110	<MDL	<MDL	<MDL	0.940	2.38	12.8
	Rural	17	<MDL	<MDL	<MDL	1.04	2.16	2.16
	Low Income	41	<MDL	<MDL	<MDL	0.933	2.38	9.36
	Mid/High Income	73	<MDL	<MDL	<MDL	0.953	1.98	12.8
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.68	12.8
	Day Care Children	58	<MDL	<MDL	<MDL	1.05	6.19	11.8
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.046	0.360	0.794	1.99	9.56	32.4
	Urban	98	0.121	0.469	0.964	2.14	9.72	32.4
	Rural	17	0.046	0.239	0.309	0.802	3.39	3.39
	Low Income	35	0.046	0.363	0.702	1.44	5.47	7.67
	Mid/High Income	67	0.121	0.360	1.37	2.40	12.2	32.4
	Home Children	62	0.046	0.291	0.640	1.74	5.06	32.4
	Day Care Children	53	0.181	0.695	1.50	2.59	12.2	27.4
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.080	0.219	0.602
	Urban	108	<MDL	<MDL	<MDL	0.086	0.227	0.602
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.088	0.088
	Low Income	39	<MDL	<MDL	0.072	0.119	0.500	0.602
	Mid/High Income	73	<MDL	<MDL	<MDL	0.077	0.113	0.258
	Home Children	69	<MDL	<MDL	<MDL	0.072	0.119	0.500
	Day Care Children	56	<MDL	<MDL	0.065	0.091	0.227	0.602
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	3.79	8.58	50.9
	Urban	110	<MDL	<MDL	<MDL	3.72	9.43	50.9
	Rural	17	<MDL	<MDL	<MDL	4.12	8.58	8.58
	Low Income	41	<MDL	<MDL	<MDL	3.70	9.43	37.1
	Mid/High Income	73	<MDL	<MDL	<MDL	3.78	7.83	50.9
	Home Children	69	<MDL	<MDL	<MDL	<MDL	6.68	50.9
	Day Care Children	58	<MDL	<MDL	<MDL	4.14	24.5	46.8
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.184	1.43	3.15	7.90	37.9	129
	Urban	98	0.479	1.86	3.82	8.48	38.5	129
	Rural	17	0.184	0.947	1.23	3.18	13.5	13.5
	Low Income	35	0.184	1.44	2.78	5.69	21.7	30.4
	Mid/High Income	67	0.479	1.43	5.43	9.53	48.2	129
	Home Children	62	0.184	1.15	2.54	6.91	20.1	129
	Day Care Children	53	0.718	2.75	5.95	10.3	48.2	109

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-7a. Benzylbutylphthalate (85-68-7): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	45.2	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	65.8	422	310	344	0.617
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	65.5	389	306	321	0.575
Potential Exposure via Dietary Ingestion (ng/day)	Overall	48	64.6	17,500	22,000	9,040	1.18
	Urban	42	66.7	17,500	22,200	9,250	1.17
	Rural	6	50.0	17,100	22,800	7,710	1.37
	Low Income	14	71.4	22,300	30,800	11,400	1.18
	Mid/High Income	30	63.3	15,300	16,300	8,590	1.15
	Home Children	34	52.9	14,000	21,300	6,670	1.17
	Day Care Children	14	92.9	25,900	22,300	18,900	0.856
Potential Exposure via Indirect Ingestion (ng/day)	Overall	114	100.0	1,350	2,740	664	1.12
	Urban	98	100.0	1,390	2,930	646	1.16
	Rural	16	100.0	1,090	1,010	786	0.821
	Low Income	35	100.0	1,140	1,040	794	0.887
	Mid/High Income	67	100.0	1,570	3,480	620	1.26
	Home Children	62	100.0	736	880	440	1.03
	Day Care Children	52	100.0	2,090	3,830	1,080	1.02
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	45.2	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	65.8	1,350	991	1,100	0.617
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	65.5	1,250	979	1,030	0.575
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	48	64.6	55,900	70,600	28,900	1.18
	Urban	42	66.7	56,000	71,100	29,600	1.17
	Rural	6	50.0	54,800	73,000	24,700	1.37
	Low Income	14	71.4	71,500	98,700	36,600	1.18
	Mid/High Income	30	63.3	48,900	52,200	27,500	1.15
	Home Children	34	52.9	44,700	68,200	21,400	1.17
	Day Care Children	14	92.9	83,000	71,300	60,500	0.856
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	114	100.0	4,330	8,770	2,120	1.12
	Urban	98	100.0	4,460	9,370	2,070	1.16
	Rural	16	100.0	3,500	3,230	2,520	0.821
	Low Income	35	100.0	3,640	3,310	2,540	0.887
	Mid/High Income	67	100.0	5,040	11,100	1,980	1.26
	Home Children	62	100.0	2,360	2,820	1,410	1.03
	Day Care Children	52	100.0	6,680	12,300	3,470	1.02

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-7b. Benzylbutylphthalate (85-68-7): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	408	920	1,680
	Urban	107	<MDL	<MDL	<MDL	410	949	1,680
	Rural	17	<MDL	<MDL	<MDL	405	819	819
	Low Income	38	<MDL	<MDL	325	561	1,020	1,600
	Mid/High Income	73	<MDL	<MDL	<MDL	276	629	1,020
	Home Children	69	<MDL	<MDL	<MDL	269	920	1,020
	Day Care Children	55	<MDL	<MDL	275	459	951	1,680
Potential Exposure via Dietary Ingestion (ng/day)	Overall	48	<MDL	<MDL	9,370	18,000	60,100	103,000
	Urban	42	<MDL	<MDL	11,000	16,700	60,100	103,000
	Rural	6	<MDL	<MDL	<MDL	30,200	58,200	58,200
	Low Income	14	<MDL	<MDL	13,900	19,300	103,000	103,000
	Mid/High Income	30	<MDL	<MDL	9,370	16,700	56,400	60,100
	Home Children	34	<MDL	<MDL	5,440	15,000	58,200	103,000
	Day Care Children	14	<MDL	13,300	18,000	30,200	83,300	83,300
Potential Exposure via Indirect Ingestion (ng/day)	Overall	114	33.6	342	629	1,320	3,960	24,100
	Urban	98	33.6	328	614	1,320	4,950	24,100
	Rural	16	186	527	668	1,410	3,810	3,810
	Low Income	35	84.6	426	762	1,570	3,890	3,960
	Mid/High Income	67	33.6	270	565	1,380	6,510	24,100
	Home Children	62	33.6	233	439	729	2,110	4,950
	Day Care Children	52	84.6	625	818	1,860	7,530	24,100
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	1,310	2,940	5,390
	Urban	107	<MDL	<MDL	<MDL	1,310	3,040	5,390
	Rural	17	<MDL	<MDL	<MDL	1,300	2,620	2,620
	Low Income	38	<MDL	<MDL	1,040	1,800	3,270	5,110
	Mid/High Income	73	<MDL	<MDL	<MDL	883	2,010	3,250
	Home Children	69	<MDL	<MDL	<MDL	863	2,940	3,270
	Day Care Children	55	<MDL	<MDL	879	1,470	3,050	5,390
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	48	<MDL	<MDL	30,000	57,700	192,000	329,000
	Urban	42	<MDL	<MDL	35,100	53,600	192,000	329,000
	Rural	6	<MDL	<MDL	<MDL	96,500	186,000	186,000
	Low Income	14	<MDL	<MDL	44,400	61,800	329,000	329,000
	Mid/High Income	30	<MDL	<MDL	30,000	53,600	180,000	192,000
	Home Children	34	<MDL	<MDL	17,400	48,100	186,000	329,000
	Day Care Children	14	<MDL	42,500	57,700	96,500	267,000	267,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	114	108	1,090	2,010	4,220	12,700	77,200
	Urban	98	108	1,050	1,960	4,220	15,800	77,200
	Rural	16	596	1,690	2,140	4,520	12,200	12,200
	Low Income	35	271	1,360	2,440	5,030	12,500	12,700
	Mid/High Income	67	108	864	1,810	4,410	20,800	77,200
	Home Children	62	108	746	1,400	2,330	6,740	15,800
	Day Care Children	52	271	2,000	2,620	5,970	24,100	77,200

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-7c. Benzylbutylphthalate (85-68-7): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	45.2	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	65.8	12.0	8.31	9.65	0.660
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	65.5	10.9	9.09	8.80	0.624
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	48	64.6	480	573	258	1.16
	Urban	42	66.7	479	563	264	1.15
	Rural	6	50.0	492	695	224	1.35
	Low Income	14	71.4	557	695	328	1.05
	Mid/High Income	30	63.3	437	483	239	1.19
	Home Children	34	52.9	419	616	198	1.20
	Day Care Children	14	92.9	628	438	491	0.774
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	114	100.0	38.7	70.2	19.1	1.13
	Urban	98	100.0	39.5	74.4	18.6	1.17
	Rural	16	100.0	33.8	36.4	22.2	0.900
	Low Income	35	100.0	36.0	40.3	22.7	0.970
	Mid/High Income	67	100.0	43.2	86.4	17.9	1.26
	Home Children	62	100.0	22.8	28.4	13.1	1.06
	Day Care Children	52	100.0	57.7	96.3	29.8	1.06
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	45.2	--	--	--	--
	Urban	107	44.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	65.8	38.3	26.6	30.9	0.660
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	65.5	35.0	29.1	28.2	0.624
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	48	64.6	1,540	1,830	827	1.16
	Urban	42	66.7	1,530	1,800	844	1.15
	Rural	6	50.0	1,570	2,220	716	1.35
	Low Income	14	71.4	1,780	2,220	1,050	1.05
	Mid/High Income	30	63.3	1,400	1,550	766	1.19
	Home Children	34	52.9	1,340	1,970	635	1.20
	Day Care Children	14	92.9	2,010	1,400	1,570	0.774
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	114	100.0	124	225	61.1	1.13
	Urban	98	100.0	126	238	59.6	1.17
	Rural	16	100.0	108	116	71.2	0.900
	Low Income	35	100.0	115	129	72.7	0.970
	Mid/High Income	67	100.0	138	277	57.3	1.26
	Home Children	62	100.0	72.9	90.9	42.1	1.06
	Day Care Children	52	100.0	185	308	95.2	1.06

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-7d. Benzylbutylphthalate (85-68-7): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	11.1	26.2	59.8
	Urban	107	<MDL	<MDL	<MDL	10.9	26.2	59.8
	Rural	17	<MDL	<MDL	<MDL	11.5	28.2	28.2
	Low Income	38	<MDL	<MDL	8.84	13.9	28.5	35.1
	Mid/High Income	73	<MDL	<MDL	<MDL	8.83	16.1	26.8
	Home Children	69	<MDL	<MDL	<MDL	8.62	26.8	35.1
	Day Care Children	55	<MDL	<MDL	8.17	13.6	26.2	59.8
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	48	<MDL	<MDL	273	560	1,830	2,630
	Urban	42	<MDL	<MDL	292	559	1,460	2,630
	Rural	6	<MDL	<MDL	<MDL	664	1,830	1,830
	Low Income	14	<MDL	<MDL	347	560	2,630	2,630
	Mid/High Income	30	<MDL	<MDL	257	512	1,450	1,940
	Home Children	34	<MDL	<MDL	171	445	1,940	2,630
	Day Care Children	14	<MDL	276	510	833	1,460	1,460
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	114	0.975	10.8	17.6	42.5	159	565
	Urban	98	0.975	10.6	17.6	42.5	161	565
	Rural	16	5.86	13.0	18.0	36.7	131	131
	Low Income	35	1.94	12.5	20.9	53.1	159	161
	Mid/High Income	67	0.975	8.52	16.4	44.6	177	565
	Home Children	62	0.975	5.86	13.1	21.0	64.8	151
	Day Care Children	52	1.94	15.1	23.0	54.3	199	565
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	35.6	83.9	191
	Urban	107	<MDL	<MDL	<MDL	35.0	83.9	191
	Rural	17	<MDL	<MDL	<MDL	36.9	90.2	90.2
	Low Income	38	<MDL	<MDL	28.3	44.4	91.1	112
	Mid/High Income	73	<MDL	<MDL	<MDL	28.3	51.6	85.8
	Home Children	69	<MDL	<MDL	<MDL	27.6	85.8	112
	Day Care Children	55	<MDL	<MDL	26.2	43.5	83.9	191
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	48	<MDL	<MDL	874	1,790	5,870	8,430
	Urban	42	<MDL	<MDL	935	1,790	4,660	8,430
	Rural	6	<MDL	<MDL	<MDL	2,130	5,870	5,870
	Low Income	14	<MDL	<MDL	1,110	1,790	8,430	8,430
	Mid/High Income	30	<MDL	<MDL	822	1,640	4,640	6,210
	Home Children	34	<MDL	<MDL	548	1,430	6,210	8,430
	Day Care Children	14	<MDL	883	1,630	2,670	4,660	4,660
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	114	3.12	34.7	56.3	136	508	1,810
	Urban	98	3.12	34.0	56.3	136	517	1,810
	Rural	16	18.8	41.7	57.8	118	419	419
	Low Income	35	6.21	39.9	67.0	170	508	517
	Mid/High Income	67	3.12	27.3	52.6	143	565	1,810
	Home Children	62	3.12	18.8	41.8	67.2	207	485
	Day Care Children	52	6.21	48.3	73.6	174	637	1,810

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-8a. Bisphenol-A (80-05-7): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	101	79.2	13.0	16.2	9.36	0.690
	Urban	85	77.6	13.2	15.9	9.55	0.698
	Rural	16	87.5	12.0	18.1	8.41	0.657
	Low Income	32	84.4	20.4	25.7	12.2	0.925
	Mid/High Income	59	72.9	9.92	7.29	8.38	0.540
	Home Children	59	71.2	10.1	11.2	8.00	0.569
	Day Care Children	42	90.5	17.2	20.7	11.7	0.787
Potential Exposure via Dietary Ingestion (ng/day)	Overall	107	100.0	3,080	5,180	1,910	0.871
	Urban	93	100.0	2,740	2,810	1,880	0.842
	Rural	14	100.0	5,320	12,500	2,150	1.07
	Low Income	35	100.0	3,120	3,060	2,240	0.803
	Mid/High Income	60	100.0	2,400	2,470	1,650	0.838
	Home Children	58	100.0	2,310	2,370	1,620	0.820
	Day Care Children	49	100.0	3,980	7,140	2,340	0.894
Potential Exposure via Indirect Ingestion (ng/day)	Overall	104	67.3	1.74	2.08	1.16	0.827
	Urban	88	65.9	1.78	2.18	1.17	0.837
	Rural	16	75.0	1.55	1.43	1.14	0.795
	Low Income	28	82.1	1.14	1.17	0.852	0.702
	Mid/High Income	64	62.5	1.90	2.15	1.27	0.841
	Home Children	60	55.0	1.95	2.43	1.22	0.901
	Day Care Children	44	84.1	1.46	1.44	1.09	0.719
Potential Exposure – Aggregated (ng/day)	Overall	67	100.0	3,620	6,310	2,150	0.907
	Urban	55	100.0	3,170	3,190	2,170	0.863
	Rural	12	100.0	5,670	13,500	2,070	1.13
	Low Income	19	100.0	3,850	3,770	2,740	0.817
	Mid/High Income	40	100.0	2,570	2,520	1,810	0.830
	Home Children	41	100.0	2,500	2,410	1,810	0.796
	Day Care Children	26	100.0	5,390	9,520	2,820	1.02
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	101	79.2	57.1	70.8	41.0	0.690
	Urban	85	77.6	57.9	69.6	41.8	0.698
	Rural	16	87.5	52.6	79.1	36.9	0.657
	Low Income	32	84.4	89.2	112	53.6	0.925
	Mid/High Income	59	72.9	43.4	31.9	36.7	0.540
	Home Children	59	71.2	44.2	49.3	35.1	0.569
	Day Care Children	42	90.5	75.3	90.6	51.1	0.787
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	107	100.0	13,500	22,700	8,380	0.871
	Urban	93	100.0	12,000	12,300	8,240	0.842
	Rural	14	100.0	23,300	54,800	9,410	1.07
	Low Income	35	100.0	13,700	13,400	9,830	0.803
	Mid/High Income	60	100.0	10,500	10,800	7,220	0.838
	Home Children	58	100.0	10,100	10,400	7,080	0.820
	Day Care Children	49	100.0	17,400	31,300	10,200	0.894
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	104	67.3	7.64	9.10	5.09	0.827
	Urban	88	65.9	7.80	9.54	5.11	0.837
	Rural	16	75.0	6.78	6.26	4.99	0.795
	Low Income	28	82.1	5.00	5.13	3.73	0.702
	Mid/High Income	64	62.5	8.32	9.43	5.55	0.841
	Home Children	60	55.0	8.56	10.7	5.34	0.901
	Day Care Children	44	84.1	6.40	6.30	4.77	0.719
Potential Exposure – Aggregated (pmoles/day)	Overall	67	100.0	15,900	27,600	9,410	0.907
	Urban	55	100.0	13,900	14,000	9,500	0.863
	Rural	12	100.0	24,800	59,300	9,050	1.13
	Low Income	19	100.0	16,900	16,500	12,000	0.817
	Mid/High Income	40	100.0	11,200	11,000	7,930	0.830
	Home Children	41	100.0	10,900	10,600	7,920	0.796
	Day Care Children	26	100.0	23,600	41,700	12,400	1.02

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-8b. Bisphenol-A (80-05-7): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	101	<MDL	5.63	7.84	12.1	42.6	109
	Urban	85	<MDL	5.55	7.97	12.4	42.6	109
	Rural	16	<MDL	6.35	7.13	8.56	79.2	79.2
	Low Income	32	<MDL	6.01	10.3	12.8	79.2	109
	Mid/High Income	59	<MDL	<MDL	7.61	12.1	25.3	46.8
	Home Children	59	<MDL	<MDL	7.35	10.9	27.3	79.2
	Day Care Children	42	<MDL	6.53	9.89	16.0	58.6	109
Potential Exposure via Dietary Ingestion (ng/day)	Overall	107	390	1,080	1,740	3,190	9,120	48,600
	Urban	93	390	1,080	1,740	3,190	9,120	14,200
	Rural	14	578	1,420	1,740	2,550	48,600	48,600
	Low Income	35	527	1,390	2,340	3,530	12,800	14,200
	Mid/High Income	60	390	872	1,560	2,510	8,400	13,000
	Home Children	58	390	865	1,600	2,550	9,120	12,800
	Day Care Children	49	527	1,380	1,930	3,610	13,000	48,600
Potential Exposure via Indirect Ingestion (ng/day)	Overall	104	<MDL	<MDL	1.02	1.84	6.20	11.5
	Urban	88	<MDL	<MDL	1.01	1.84	6.64	11.5
	Rural	16	<MDL	<MDL	1.39	1.89	6.20	6.20
	Low Income	28	<MDL	0.501	0.706	1.32	3.54	5.89
	Mid/High Income	64	<MDL	<MDL	1.08	2.23	6.64	11.3
	Home Children	60	<MDL	<MDL	1.04	2.33	7.51	11.5
	Day Care Children	44	<MDL	0.661	0.986	1.73	3.54	7.37
Potential Exposure – Aggregated (ng/day)	Overall	67	396	1,270	1,880	3,540	12,800	48,600
	Urban	55	396	1,270	1,930	3,620	12,800	14,200
	Rural	12	585	1,180	1,730	2,550	48,600	48,600
	Low Income	19	565	1,550	2,560	3,620	14,200	14,200
	Mid/High Income	40	396	993	1,760	3,070	7,800	13,000
	Home Children	41	396	1,120	1,680	3,240	6,630	12,800
	Day Care Children	26	585	1,430	2,180	6,160	14,200	48,600
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	101	<MDL	24.6	34.4	53.0	187	477
	Urban	85	<MDL	24.3	34.9	54.2	187	477
	Rural	16	<MDL	27.8	31.2	37.5	347	347
	Low Income	32	<MDL	26.3	45.3	56.2	347	477
	Mid/High Income	59	<MDL	<MDL	33.3	53.0	111	205
	Home Children	59	<MDL	<MDL	32.2	47.9	120	347
	Day Care Children	42	<MDL	28.6	43.3	70.2	257	477
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	107	1,710	4,740	7,630	14,000	39,900	213,000
	Urban	93	1,710	4,740	7,630	14,000	39,900	62,100
	Rural	14	2,530	6,230	7,630	11,200	213,000	213,000
	Low Income	35	2,310	6,070	10,200	15,500	56,100	62,100
	Mid/High Income	60	1,710	3,820	6,850	11,000	36,800	57,000
	Home Children	58	1,710	3,790	7,000	11,200	39,900	56,100
	Day Care Children	49	2,310	6,060	8,460	15,800	57,000	213,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	104	<MDL	<MDL	4.48	8.08	27.2	50.3
	Urban	88	<MDL	<MDL	4.44	8.08	29.1	50.3
	Rural	16	<MDL	<MDL	6.09	8.30	27.2	27.2
	Low Income	28	<MDL	2.19	3.09	5.79	15.5	25.8
	Mid/High Income	64	<MDL	<MDL	4.71	9.79	29.1	49.7
	Home Children	60	<MDL	<MDL	4.56	10.2	32.9	50.3
	Day Care Children	44	<MDL	2.90	4.32	7.58	15.5	32.3
Potential Exposure – Aggregated (pmoles/day)	Overall	67	1,740	5,560	8,220	15,500	56,100	213,000
	Urban	55	1,740	5,560	8,440	15,900	56,100	62,100
	Rural	12	2,560	5,150	7,580	11,200	213,000	213,000
	Low Income	19	2,470	6,810	11,200	15,900	62,100	62,100
	Mid/High Income	40	1,740	4,350	7,720	13,400	34,200	57,100
	Home Children	41	1,740	4,910	7,360	14,200	29,100	56,100
	Day Care Children	26	2,560	6,270	9,540	27,000	62,100	213,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-8c. Bisphenol-A (80-05-7): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	101	79.2	0.367	0.426	0.270	0.688
	Urban	85	77.6	0.375	0.430	0.276	0.700
	Rural	16	87.5	0.323	0.416	0.241	0.627
	Low Income	32	84.4	0.545	0.670	0.340	0.910
	Mid/High Income	59	72.9	0.291	0.213	0.245	0.557
	Home Children	59	71.2	0.294	0.280	0.240	0.566
	Day Care Children	42	90.5	0.469	0.560	0.319	0.808
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	107	100.0	85.1	109	55.1	0.877
	Urban	93	100.0	81.1	90.2	54.2	0.868
	Rural	14	100.0	111	194	61.1	0.962
	Low Income	35	100.0	90.2	89.2	63.4	0.845
	Mid/High Income	60	100.0	72.6	87.3	48.1	0.864
	Home Children	58	100.0	68.5	66.0	48.1	0.836
	Day Care Children	49	100.0	105	142	64.6	0.906
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	104	67.3	0.054	0.073	0.034	0.898
	Urban	88	65.9	0.055	0.077	0.034	0.899
	Rural	16	75.0	0.047	0.042	0.032	0.918
	Low Income	28	82.1	0.036	0.043	0.025	0.802
	Mid/High Income	64	62.5	0.059	0.078	0.037	0.899
	Home Children	60	55.0	0.064	0.090	0.036	0.978
	Day Care Children	44	84.1	0.041	0.037	0.030	0.773
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	67	100.0	101	130	63.8	0.906
	Urban	55	100.0	98.7	107	65.4	0.892
	Rural	12	100.0	112	210	56.8	1.00
	Low Income	19	100.0	115	110	81.1	0.861
	Mid/High Income	40	100.0	82.1	99.0	54.4	0.871
	Home Children	41	100.0	76.7	70.6	55.6	0.811
	Day Care Children	26	100.0	140	184	79.1	1.02
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	101	79.2	1.61	1.87	1.18	0.688
	Urban	85	77.6	1.64	1.88	1.21	0.700
	Rural	16	87.5	1.42	1.82	1.06	0.627
	Low Income	32	84.4	2.39	2.94	1.49	0.910
	Mid/High Income	59	72.9	1.28	0.935	1.07	0.557
	Home Children	59	71.2	1.29	1.23	1.05	0.566
	Day Care Children	42	90.5	2.05	2.45	1.40	0.808
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	107	100.0	373	476	241	0.877
	Urban	93	100.0	355	395	238	0.868
	Rural	14	100.0	488	852	267	0.962
	Low Income	35	100.0	395	391	278	0.845
	Mid/High Income	60	100.0	318	382	211	0.864
	Home Children	58	100.0	300	289	211	0.836
	Day Care Children	49	100.0	459	622	283	0.906
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	104	67.3	0.237	0.319	0.148	0.898
	Urban	88	65.9	0.243	0.338	0.149	0.899
	Rural	16	75.0	0.204	0.185	0.141	0.918
	Low Income	28	82.1	0.160	0.188	0.109	0.802
	Mid/High Income	64	62.5	0.256	0.342	0.160	0.899
	Home Children	60	55.0	0.279	0.392	0.160	0.978
	Day Care Children	44	84.1	0.180	0.162	0.132	0.773
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	67	100.0	443	569	279	0.906
	Urban	55	100.0	432	471	286	0.892
	Rural	12	100.0	492	922	249	1.00
	Low Income	19	100.0	506	483	355	0.861
	Mid/High Income	40	100.0	359	434	238	0.871
	Home Children	41	100.0	336	309	244	0.811
	Day Care Children	26	100.0	612	808	347	1.02

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-8d. Bisphenol-A (80-05-7): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	101	<MDL	0.168	0.238	0.358	1.12	2.87
	Urban	85	<MDL	0.168	0.243	0.368	1.12	2.87
	Rural	16	<MDL	0.174	0.222	0.239	1.86	1.86
	Low Income	32	<MDL	0.174	0.294	0.497	2.35	2.87
	Mid/High Income	59	<MDL	<MDL	0.223	0.356	0.755	1.36
	Home Children	59	<MDL	<MDL	0.223	0.325	0.791	1.86
	Day Care Children	42	<MDL	0.176	0.278	0.513	1.34	2.87
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	107	10.2	30.5	52.1	92.5	290	775
	Urban	93	10.2	30.5	50.8	92.5	290	551
	Rural	14	15.9	38.1	57.2	87.7	775	775
	Low Income	35	13.8	33.5	67.7	98.8	328	434
	Mid/High Income	60	10.2	24.6	45.2	82.6	253	551
	Home Children	58	10.2	25.7	47.5	87.7	240	328
	Day Care Children	49	14.2	35.6	62.3	93.0	434	775
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	104	<MDL	<MDL	0.028	0.058	0.173	0.521
	Urban	88	<MDL	<MDL	0.027	0.058	0.185	0.521
	Rural	16	<MDL	<MDL	0.041	0.061	0.171	0.171
	Low Income	28	<MDL	0.015	0.025	0.035	0.145	0.203
	Mid/High Income	64	<MDL	<MDL	0.033	0.070	0.173	0.521
	Home Children	60	<MDL	<MDL	0.030	0.070	0.240	0.521
	Day Care Children	44	<MDL	0.018	0.027	0.052	0.133	0.173
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	67	10.4	34.1	60.8	93.9	328	775
	Urban	55	10.4	34.1	61.1	111	328	552
	Rural	12	16.1	32.1	50.1	86.1	775	775
	Low Income	19	14.8	37.9	86.0	130	434	434
	Mid/High Income	40	10.4	31.6	55.4	93.7	297	552
	Home Children	41	10.4	32.4	56.6	89.4	241	328
	Day Care Children	26	16.1	37.9	74.7	136	552	775
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	101	<MDL	0.735	1.04	1.57	4.91	12.6
	Urban	85	<MDL	0.735	1.07	1.61	4.91	12.6
	Rural	16	<MDL	0.763	0.975	1.05	8.13	8.13
	Low Income	32	<MDL	0.761	1.29	2.18	10.3	12.6
	Mid/High Income	59	<MDL	<MDL	0.976	1.56	3.31	5.94
	Home Children	59	<MDL	<MDL	0.978	1.42	3.47	8.13
	Day Care Children	42	<MDL	0.770	1.22	2.25	5.87	12.6
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	107	44.8	134	228	405	1,270	3,400
	Urban	93	44.8	134	223	405	1,270	2,410
	Rural	14	69.7	167	250	384	3,400	3,400
	Low Income	35	60.4	147	297	433	1,440	1,900
	Mid/High Income	60	44.8	108	198	362	1,110	2,410
	Home Children	58	44.8	113	208	384	1,050	1,440
	Day Care Children	49	62.4	156	273	407	1,900	3,400
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	104	<MDL	<MDL	0.122	0.255	0.756	2.28
	Urban	88	<MDL	<MDL	0.120	0.255	0.810	2.28
	Rural	16	<MDL	<MDL	0.179	0.267	0.748	0.748
	Low Income	28	<MDL	0.064	0.108	0.152	0.633	0.888
	Mid/High Income	64	<MDL	<MDL	0.143	0.309	0.756	2.28
	Home Children	60	<MDL	<MDL	0.133	0.306	1.05	2.28
	Day Care Children	44	<MDL	0.079	0.120	0.227	0.582	0.756
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	67	45.5	149	266	411	1,440	3,400
	Urban	55	45.5	149	267	485	1,440	2,420
	Rural	12	70.6	141	220	377	3,400	3,400
	Low Income	19	64.9	166	377	570	1,900	1,900
	Mid/High Income	40	45.5	138	243	410	1,300	2,420
	Home Children	41	45.5	142	248	392	1,050	1,440
	Day Care Children	26	70.6	166	327	594	2,420	3,400

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-9a. *alpha*-Chlordane (5103-71-9) : Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	97.6	7.40	17.7	2.80	1.14
	Urban	108	97.2	7.72	18.8	2.85	1.14
	Rural	17	100.0	5.36	8.20	2.48	1.17
	Low Income	39	100.0	7.80	17.4	3.12	1.13
	Mid/High Income	73	95.9	6.36	16.9	2.55	1.09
	Home Children	69	95.7	9.93	22.7	3.09	1.29
	Day Care Children	56	100.0	4.27	7.29	2.48	0.922
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	9.6	--	--	--	--
	Urban	108	10.2	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	15.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	7.1	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	94.0	1.59	4.37	0.506	1.34
	Urban	99	93.9	1.73	4.70	0.541	1.33
	Rural	17	94.1	0.778	1.07	0.346	1.37
	Low Income	35	100.0	1.41	3.34	0.525	1.26
	Mid/High Income	68	89.7	1.66	4.88	0.521	1.35
	Home Children	63	88.9	2.17	5.80	0.538	1.51
	Day Care Children	53	100.0	0.896	1.14	0.472	1.13
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	97.6	18.1	43.2	6.83	1.14
	Urban	108	97.2	18.8	45.8	6.96	1.14
	Rural	17	100.0	13.1	20.0	6.05	1.17
	Low Income	39	100.0	19.0	42.5	7.62	1.13
	Mid/High Income	73	95.9	15.5	41.2	6.22	1.09
	Home Children	69	95.7	24.2	55.3	7.54	1.29
	Day Care Children	56	100.0	10.4	17.8	6.04	0.922
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	9.6	--	--	--	--
	Urban	108	10.2	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	15.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	7.1	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	94.0	3.87	10.7	1.24	1.34
	Urban	99	93.9	4.21	11.5	1.32	1.33
	Rural	17	94.1	1.90	2.60	0.845	1.37
	Low Income	35	100.0	3.43	8.16	1.28	1.26
	Mid/High Income	68	89.7	4.04	11.9	1.27	1.35
	Home Children	63	88.9	5.29	14.2	1.31	1.51
	Day Care Children	53	100.0	2.19	2.77	1.15	1.13

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-9b. *alpha*-Chlordane (5103-71-9) : Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	1.27	2.12	4.86	36.7	132
	Urban	108	<MDL	1.35	2.18	4.92	49.2	132
	Rural	17	0.720	1.03	1.41	4.68	30.5	30.5
	Low Income	39	0.692	1.49	2.48	5.73	65.0	89.9
	Mid/High Income	73	<MDL	1.23	2.02	3.61	26.5	132
	Home Children	69	<MDL	1.33	2.17	4.98	65.0	132
	Day Care Children	56	0.615	1.25	1.97	4.07	12.7	50.9
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	38.4	56.5
	Urban	108	<MDL	<MDL	<MDL	<MDL	38.9	56.5
	Rural	17	<MDL	<MDL	<MDL	<MDL	37.3	37.3
	Low Income	40	<MDL	<MDL	<MDL	<MDL	42.1	56.5
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	55.9
	Home Children	69	<MDL	<MDL	<MDL	<MDL	36.6	56.5
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	38.9	47.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	0.198	0.402	1.27	4.48	36.3
	Urban	99	<MDL	0.225	0.461	1.40	4.61	36.3
	Rural	17	<MDL	0.089	0.253	0.992	4.31	4.31
	Low Income	35	0.083	0.194	0.461	1.61	4.61	19.6
	Mid/High Income	68	<MDL	0.239	0.402	1.37	4.31	36.3
	Home Children	63	<MDL	0.238	0.478	1.49	15.9	36.3
	Day Care Children	53	0.083	0.186	0.368	0.992	4.31	4.61
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	3.09	5.16	11.9	89.5	322
	Urban	108	<MDL	3.28	5.31	12.0	120	322
	Rural	17	1.76	2.51	3.45	11.4	74.4	74.4
	Low Income	39	1.69	3.64	6.06	14.0	159	220
	Mid/High Income	73	<MDL	3.00	4.92	8.81	64.7	322
	Home Children	69	<MDL	3.25	5.29	12.2	159	322
	Day Care Children	56	1.50	3.06	4.81	9.94	30.9	124
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	93.7	138
	Urban	108	<MDL	<MDL	<MDL	<MDL	95.0	138
	Rural	17	<MDL	<MDL	<MDL	<MDL	91.1	91.1
	Low Income	40	<MDL	<MDL	<MDL	<MDL	103	138
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	136
	Home Children	69	<MDL	<MDL	<MDL	<MDL	89.2	138
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	95.0	116
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	0.484	0.981	3.10	10.9	88.5
	Urban	99	<MDL	0.549	1.13	3.41	11.2	88.5
	Rural	17	<MDL	0.218	0.617	2.42	10.5	10.5
	Low Income	35	0.204	0.473	1.13	3.94	11.2	47.9
	Mid/High Income	68	<MDL	0.583	0.981	3.34	10.5	88.5
	Home Children	63	<MDL	0.580	1.17	3.63	38.8	88.5
	Day Care Children	53	0.202	0.455	0.899	2.42	10.5	11.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-9c. *alpha*-Chlordane (5103-71-9) : Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	97.6	0.225	0.572	0.080	1.17
	Urban	108	97.2	0.235	0.608	0.082	1.16
	Rural	17	100.0	0.156	0.230	0.071	1.21
	Low Income	39	100.0	0.235	0.577	0.088	1.18
	Mid/High Income	73	95.9	0.187	0.521	0.073	1.08
	Home Children	69	95.7	0.303	0.727	0.092	1.30
	Day Care Children	56	100.0	0.128	0.258	0.068	0.972
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	9.6	--	--	--	--
	Urban	108	10.2	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	15.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	7.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	94.0	0.047	0.132	0.015	1.37
	Urban	99	93.9	0.051	0.142	0.016	1.36
	Rural	17	94.1	0.024	0.038	0.010	1.42
	Low Income	35	100.0	0.040	0.087	0.015	1.30
	Mid/High Income	68	89.7	0.048	0.148	0.015	1.36
	Home Children	63	88.9	0.064	0.175	0.016	1.52
	Day Care Children	53	100.0	0.026	0.035	0.013	1.18
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	97.6	0.548	1.40	0.195	1.17
	Urban	108	97.2	0.575	1.48	0.199	1.16
	Rural	17	100.0	0.380	0.562	0.174	1.21
	Low Income	39	100.0	0.575	1.41	0.214	1.18
	Mid/High Income	73	95.9	0.455	1.27	0.179	1.08
	Home Children	69	95.7	0.740	1.77	0.224	1.30
	Day Care Children	56	100.0	0.312	0.629	0.166	0.972
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	9.6	--	--	--	--
	Urban	108	10.2	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	15.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	7.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	94.0	0.114	0.321	0.036	1.37
	Urban	99	93.9	0.124	0.345	0.038	1.36
	Rural	17	94.1	0.059	0.093	0.024	1.42
	Low Income	35	100.0	0.098	0.213	0.037	1.30
	Mid/High Income	68	89.7	0.117	0.362	0.037	1.36
	Home Children	63	88.9	0.157	0.426	0.039	1.52
	Day Care Children	53	100.0	0.064	0.085	0.032	1.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-9d. *alpha*-Chlordane (5103-71-9) : Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.037	0.063	0.122	0.939	4.15
	Urban	108	<MDL	0.038	0.068	0.118	1.29	4.15
	Rural	17	0.011	0.034	0.045	0.161	0.741	0.741
	Low Income	39	0.012	0.040	0.079	0.161	1.66	3.30
	Mid/High Income	73	<MDL	0.036	0.058	0.106	0.835	4.15
	Home Children	69	<MDL	0.039	0.064	0.154	1.66	4.15
	Day Care Children	56	0.011	0.035	0.061	0.111	0.446	1.81
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	1.26	1.92
	Urban	108	<MDL	<MDL	<MDL	<MDL	1.22	1.92
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.42	1.42
	Low Income	40	<MDL	<MDL	<MDL	<MDL	1.26	1.45
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	1.92
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.26	1.92
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	1.26	1.42
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	0.006	0.011	0.039	0.137	1.14
	Urban	99	<MDL	0.006	0.011	0.039	0.137	1.14
	Rural	17	<MDL	0.003	0.008	0.025	0.158	0.158
	Low Income	35	0.002	0.005	0.011	0.040	0.137	0.503
	Mid/High Income	68	<MDL	0.007	0.011	0.039	0.105	1.14
	Home Children	63	<MDL	0.007	0.012	0.042	0.476	1.14
	Day Care Children	53	0.001	0.005	0.011	0.029	0.113	0.158
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.090	0.153	0.298	2.29	10.1
	Urban	108	<MDL	0.094	0.166	0.288	3.15	10.1
	Rural	17	0.028	0.084	0.111	0.393	1.81	1.81
	Low Income	39	0.030	0.097	0.192	0.393	4.06	8.06
	Mid/High Income	73	<MDL	0.088	0.143	0.259	2.04	10.1
	Home Children	69	<MDL	0.096	0.155	0.376	4.06	10.1
	Day Care Children	56	0.028	0.086	0.148	0.271	1.09	4.41
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	3.06	4.70
	Urban	108	<MDL	<MDL	<MDL	<MDL	2.97	4.70
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.46	3.46
	Low Income	40	<MDL	<MDL	<MDL	<MDL	3.08	3.53
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	4.70
	Home Children	69	<MDL	<MDL	<MDL	<MDL	3.07	4.70
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	3.06	3.46
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	0.014	0.027	0.095	0.335	2.78
	Urban	99	<MDL	0.015	0.028	0.096	0.335	2.78
	Rural	17	<MDL	0.008	0.021	0.062	0.386	0.386
	Low Income	35	0.004	0.013	0.028	0.097	0.335	1.23
	Mid/High Income	68	<MDL	0.016	0.027	0.095	0.256	2.78
	Home Children	63	<MDL	0.018	0.029	0.103	1.16	2.78
	Day Care Children	53	0.003	0.013	0.027	0.071	0.277	0.386

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-10a. *gamma*-Chlordane (5103-74-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	99.2	11.8	37.9	3.84	1.18
	Urban	108	99.1	12.5	40.5	3.92	1.18
	Rural	17	100.0	7.05	10.1	3.38	1.16
	Low Income	39	100.0	11.4	27.6	4.28	1.15
	Mid/High Income	73	98.6	11.3	43.7	3.49	1.15
	Home Children	69	98.6	16.5	49.9	4.22	1.35
	Day Care Children	56	100.0	5.95	9.93	3.42	0.929
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	8.0	--	--	--	--
	Urban	108	8.3	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	10.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	10.1	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	93.1	2.02	7.83	0.544	1.38
	Urban	99	92.9	2.21	8.45	0.576	1.36
	Rural	17	94.1	0.947	1.33	0.392	1.44
	Low Income	35	100.0	1.51	3.37	0.583	1.25
	Mid/High Income	68	88.2	2.35	9.81	0.551	1.41
	Home Children	63	87.3	2.88	10.5	0.564	1.56
	Day Care Children	53	100.0	0.998	1.29	0.522	1.13
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	99.2	28.8	92.4	9.38	1.18
	Urban	108	99.1	30.6	98.9	9.57	1.18
	Rural	17	100.0	17.2	24.6	8.26	1.16
	Low Income	39	100.0	27.8	67.3	10.4	1.15
	Mid/High Income	73	98.6	27.6	107	8.52	1.15
	Home Children	69	98.6	40.4	122	10.3	1.35
	Day Care Children	56	100.0	14.5	24.2	8.36	0.929
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	8.0	--	--	--	--
	Urban	108	8.3	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	10.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	10.1	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	93.1	4.93	19.1	1.33	1.38
	Urban	99	92.9	5.38	20.6	1.41	1.36
	Rural	17	94.1	2.31	3.26	0.956	1.44
	Low Income	35	100.0	3.68	8.23	1.42	1.25
	Mid/High Income	68	88.2	5.73	23.9	1.35	1.41
	Home Children	63	87.3	7.03	25.7	1.38	1.56
	Day Care Children	53	100.0	2.44	3.14	1.27	1.13

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-10b. *gamma*-Chlordane (5103-74-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	1.79	2.69	6.81	46.0	368
	Urban	108	<MDL	1.87	2.94	6.90	68.2	368
	Rural	17	0.934	1.49	2.02	6.72	35.6	35.6
	Low Income	39	0.863	1.92	3.17	7.38	89.1	153
	Mid/High Income	73	<MDL	1.70	2.48	5.63	32.3	368
	Home Children	69	<MDL	1.84	2.69	7.38	89.1	368
	Day Care Children	56	0.882	1.76	2.73	6.13	18.6	68.2
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	37.3	49.9
	Urban	108	<MDL	<MDL	<MDL	<MDL	38.0	49.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	37.3	37.3
	Low Income	40	<MDL	<MDL	<MDL	<MDL	37.3	47.3
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	49.9
	Home Children	69	<MDL	<MDL	<MDL	<MDL	36.2	49.9
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	38.4	47.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	0.225	0.450	1.35	5.36	79.8
	Urban	99	<MDL	0.243	0.457	1.40	5.37	79.8
	Rural	17	<MDL	0.099	0.292	1.20	5.36	5.36
	Low Income	35	0.088	0.209	0.481	1.73	5.37	19.7
	Mid/High Income	68	<MDL	0.246	0.450	1.34	4.66	79.8
	Home Children	63	<MDL	0.234	0.457	1.60	15.0	79.8
	Day Care Children	53	0.088	0.216	0.408	1.20	4.66	5.37
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	4.36	6.57	16.6	112	899
	Urban	108	<MDL	4.56	7.17	16.8	166	899
	Rural	17	2.28	3.63	4.92	16.4	86.8	86.8
	Low Income	39	2.11	4.69	7.74	18.0	217	373
	Mid/High Income	73	<MDL	4.15	6.04	13.7	78.9	899
	Home Children	69	<MDL	4.50	6.57	18.0	217	899
	Day Care Children	56	2.15	4.29	6.67	15.0	45.3	166
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	91.1	122
	Urban	108	<MDL	<MDL	<MDL	<MDL	92.8	122
	Rural	17	<MDL	<MDL	<MDL	<MDL	91.1	91.1
	Low Income	40	<MDL	<MDL	<MDL	<MDL	90.9	116
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	122
	Home Children	69	<MDL	<MDL	<MDL	<MDL	88.4	122
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	93.7	116
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	0.550	1.10	3.30	13.1	195
	Urban	99	<MDL	0.594	1.12	3.43	13.1	195
	Rural	17	<MDL	0.241	0.713	2.94	13.1	13.1
	Low Income	35	0.215	0.509	1.17	4.22	13.1	48.0
	Mid/High Income	68	<MDL	0.601	1.10	3.26	11.4	195
	Home Children	63	<MDL	0.572	1.12	3.90	36.6	195
	Day Care Children	53	0.215	0.527	0.995	2.94	11.4	13.1

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-10c. *gamma*-Chlordane (5103-74-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	99.2	0.362	1.21	0.110	1.20
	Urban	108	99.1	0.386	1.30	0.112	1.21
	Rural	17	100.0	0.206	0.292	0.097	1.19
	Low Income	39	100.0	0.352	0.946	0.120	1.22
	Mid/High Income	73	98.6	0.336	1.37	0.101	1.14
	Home Children	69	98.6	0.511	1.59	0.125	1.35
	Day Care Children	56	100.0	0.178	0.351	0.094	0.981
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	8.0	--	--	--	--
	Urban	108	8.3	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	10.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	10.1	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	93.1	0.060	0.243	0.016	1.40
	Urban	99	92.9	0.066	0.263	0.017	1.39
	Rural	17	94.1	0.030	0.048	0.011	1.49
	Low Income	35	100.0	0.043	0.088	0.017	1.30
	Mid/High Income	68	88.2	0.070	0.307	0.016	1.42
	Home Children	63	87.3	0.087	0.327	0.017	1.57
	Day Care Children	53	100.0	0.029	0.040	0.014	1.18
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	99.2	0.883	2.96	0.268	1.20
	Urban	108	99.1	0.943	3.17	0.274	1.21
	Rural	17	100.0	0.502	0.713	0.238	1.19
	Low Income	39	100.0	0.858	2.31	0.293	1.22
	Mid/High Income	73	98.6	0.820	3.34	0.246	1.14
	Home Children	69	98.6	1.25	3.89	0.305	1.35
	Day Care Children	56	100.0	0.435	0.856	0.229	0.981
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	8.0	--	--	--	--
	Urban	108	8.3	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	10.0	--	--	--	--
	Mid/High Income	72	4.2	--	--	--	--
	Home Children	69	10.1	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	93.1	0.147	0.594	0.038	1.40
	Urban	99	92.9	0.160	0.641	0.041	1.39
	Rural	17	94.1	0.072	0.117	0.028	1.49
	Low Income	35	100.0	0.106	0.216	0.041	1.30
	Mid/High Income	68	88.2	0.171	0.748	0.039	1.42
	Home Children	63	87.3	0.211	0.798	0.041	1.57
	Day Care Children	53	100.0	0.071	0.098	0.035	1.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-10d. *gamma*-Chlordane (5103-74-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.052	0.088	0.180	1.18	11.6
	Urban	108	<MDL	0.052	0.090	0.176	1.85	11.6
	Rural	17	0.019	0.045	0.066	0.231	0.998	0.998
	Low Income	39	0.015	0.051	0.106	0.232	2.28	5.61
	Mid/High Income	73	<MDL	0.050	0.078	0.149	1.02	11.6
	Home Children	69	<MDL	0.053	0.086	0.232	2.28	11.6
	Day Care Children	56	0.015	0.049	0.089	0.149	0.757	2.42
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	1.22	1.42
	Urban	108	<MDL	<MDL	<MDL	<MDL	1.19	1.28
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.42	1.42
	Low Income	40	<MDL	<MDL	<MDL	<MDL	1.25	1.27
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	1.28
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.21	1.28
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	1.26	1.42
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	0.006	0.012	0.039	0.160	2.51
	Urban	99	<MDL	0.007	0.012	0.039	0.160	2.51
	Rural	17	<MDL	0.004	0.009	0.032	0.197	0.197
	Low Income	35	0.002	0.006	0.012	0.045	0.160	0.503
	Mid/High Income	68	<MDL	0.007	0.012	0.039	0.109	2.51
	Home Children	63	<MDL	0.007	0.013	0.048	0.453	2.51
	Day Care Children	53	0.002	0.006	0.012	0.034	0.121	0.197
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.126	0.216	0.439	2.88	28.3
	Urban	108	<MDL	0.127	0.220	0.430	4.51	28.3
	Rural	17	0.046	0.109	0.160	0.565	2.44	2.44
	Low Income	39	0.038	0.126	0.258	0.567	5.57	13.7
	Mid/High Income	73	<MDL	0.122	0.191	0.364	2.48	28.3
	Home Children	69	<MDL	0.130	0.211	0.567	5.57	28.3
	Day Care Children	56	0.038	0.120	0.217	0.363	1.85	5.91
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	2.97	3.46
	Urban	108	<MDL	<MDL	<MDL	<MDL	2.89	3.12
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.46	3.46
	Low Income	40	<MDL	<MDL	<MDL	<MDL	3.05	3.10
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	3.12
	Home Children	69	<MDL	<MDL	<MDL	<MDL	2.96	3.12
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	3.06	3.46
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	0.016	0.030	0.095	0.390	6.13
	Urban	99	<MDL	0.016	0.030	0.096	0.390	6.13
	Rural	17	<MDL	0.009	0.022	0.078	0.480	0.480
	Low Income	35	0.004	0.016	0.030	0.110	0.390	1.23
	Mid/High Income	68	<MDL	0.016	0.030	0.095	0.266	6.13
	Home Children	63	<MDL	0.017	0.031	0.117	1.11	6.13
	Day Care Children	53	0.004	0.016	0.029	0.082	0.295	0.480

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-11a. Chlorpyrifos (2921-88-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	107	100.0	33.4	60.5	17.1	1.08
	Urban	90	100.0	37.1	65.2	18.8	1.11
	Rural	17	100.0	13.5	11.9	10.3	0.719
	Low Income	33	100.0	42.3	55.8	23.8	1.10
	Mid/High Income	64	100.0	22.6	27.0	13.7	0.978
	Home Children	60	100.0	34.1	75.8	14.4	1.14
	Day Care Children	47	100.0	32.5	32.8	21.3	0.957
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	79.2	131	180	78.9	0.970
	Urban	108	78.7	137	191	80.3	0.996
	Rural	17	82.4	96.0	83.1	70.8	0.802
	Low Income	40	95.0	178	180	125	0.831
	Mid/High Income	72	73.6	110	188	62.1	0.970
	Home Children	69	71.0	121	157	72.0	1.01
	Day Care Children	56	89.3	144	206	88.3	0.916
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	27.8	164	2.97	1.54
	Urban	99	100.0	32.1	177	3.26	1.60
	Rural	17	100.0	2.94	4.22	1.74	1.00
	Low Income	35	100.0	58.4	264	5.07	1.79
	Mid/High Income	68	100.0	5.03	7.46	2.40	1.24
	Home Children	63	100.0	17.1	103	2.02	1.51
	Day Care Children	53	100.0	40.6	215	4.69	1.46
Potential Exposure – Aggregated (ng/day)	Overall	96	100.0	178	234	117	0.851
	Urban	79	100.0	192	254	123	0.879
	Rural	17	100.0	112	80.6	90.7	0.674
	Low Income	28	100.0	211	168	169	0.661
	Mid/High Income	58	100.0	143	209	92.8	0.839
	Home Children	55	100.0	164	234	102	0.904
	Day Care Children	41	100.0	196	236	139	0.749
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	107	100.0	95.2	173	48.7	1.08
	Urban	90	100.0	106	186	53.6	1.11
	Rural	17	100.0	38.5	34.0	29.5	0.719
	Low Income	33	100.0	121	159	67.9	1.10
	Mid/High Income	64	100.0	64.4	77.1	39.1	0.978
	Home Children	60	100.0	97.2	216	41.0	1.14
	Day Care Children	47	100.0	92.7	93.5	60.8	0.957
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	79.2	375	514	225	0.970
	Urban	108	78.7	391	544	229	0.996
	Rural	17	82.4	274	237	202	0.802
	Low Income	40	95.0	509	514	358	0.831
	Mid/High Income	72	73.6	314	538	177	0.970
	Home Children	69	71.0	346	449	205	1.01
	Day Care Children	56	89.3	411	587	252	0.916
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	79.3	467	8.47	1.54
	Urban	99	100.0	91.5	505	9.29	1.60
	Rural	17	100.0	8.38	12.0	4.96	1.00
	Low Income	35	100.0	167	753	14.4	1.79
	Mid/High Income	68	100.0	14.4	21.3	6.84	1.24
	Home Children	63	100.0	48.7	294	5.77	1.51
	Day Care Children	53	100.0	116	614	13.4	1.46
Potential Exposure – Aggregated (pmoles/day)	Overall	96	100.0	507	668	333	0.851
	Urban	79	100.0	547	723	352	0.879
	Rural	17	100.0	321	230	259	0.674
	Low Income	28	100.0	602	478	481	0.661
	Mid/High Income	58	100.0	409	595	265	0.839
	Home Children	55	100.0	467	667	292	0.904
	Day Care Children	41	100.0	560	674	398	0.749

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-11b. Chlorpyrifos (2921-88-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	107	1.14	7.73	14.6	34.4	108	506
	Urban	90	1.14	7.88	17.3	37.2	129	506
	Rural	17	3.03	6.34	10.3	12.0	51.2	51.2
	Low Income	33	2.16	8.73	28.5	51.4	176	285
	Mid/High Income	64	1.14	6.90	11.5	28.2	69.1	136
	Home Children	60	1.14	6.96	11.1	27.8	133	506
	Day Care Children	47	2.16	9.62	25.2	39.3	100	176
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	38.9	77.9	158	356	1,320
	Urban	108	<MDL	38.0	78.2	158	405	1,320
	Rural	17	<MDL	41.9	73.9	101	336	336
	Low Income	40	<MDL	73.0	126	205	650	876
	Mid/High Income	72	<MDL	<MDL	57.2	104	324	1,320
	Home Children	69	<MDL	<MDL	76.6	145	336	876
	Day Care Children	56	<MDL	44.9	79.9	158	649	1,320
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.175	1.05	2.67	6.24	33.5	1,570
	Urban	99	0.175	1.07	3.39	7.78	43.1	1,570
	Rural	17	0.217	0.862	2.12	3.05	18.4	18.4
	Low Income	35	0.217	1.47	4.33	11.4	162	1,570
	Mid/High Income	68	0.179	1.02	2.33	5.07	18.4	43.1
	Home Children	63	0.175	0.732	1.92	4.56	18.4	820
	Day Care Children	53	0.714	1.56	4.17	9.79	113	1,570
Potential Exposure – Aggregated (ng/day)	Overall	96	19.4	77.7	109	172	491	1,520
	Urban	79	19.4	79.0	119	180	843	1,520
	Rural	17	33.3	56.1	89.2	129	340	340
	Low Income	28	35.2	105	159	268	491	843
	Mid/High Income	58	19.4	49.3	85.3	157	412	1,360
	Home Children	55	19.4	55.9	89.9	171	465	1,520
	Day Care Children	41	35.7	90.2	127	184	491	1,360
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	107	3.27	22.0	41.6	98.1	309	1,440
	Urban	90	3.27	22.5	49.5	106	368	1,440
	Rural	17	8.64	18.1	29.5	34.3	146	146
	Low Income	33	6.16	24.9	81.4	147	503	812
	Mid/High Income	64	3.27	19.7	32.7	80.5	197	389
	Home Children	60	3.27	19.9	31.8	79.3	378	1,440
	Day Care Children	47	6.16	27.4	72.0	112	286	503
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	111	222	450	1,020	3,770
	Urban	108	<MDL	108	223	451	1,160	3,770
	Rural	17	<MDL	120	211	289	957	957
	Low Income	40	<MDL	208	359	584	1,850	2,500
	Mid/High Income	72	<MDL	<MDL	163	296	925	3,770
	Home Children	69	<MDL	<MDL	218	413	957	2,500
	Day Care Children	56	<MDL	128	228	451	1,850	3,770
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	0.498	2.99	7.61	17.8	95.6	4,460
	Urban	99	0.498	3.06	9.68	22.2	123	4,460
	Rural	17	0.620	2.46	6.04	8.70	52.4	52.4
	Low Income	35	0.620	4.21	12.4	32.4	461	4,460
	Mid/High Income	68	0.511	2.91	6.65	14.5	52.4	123
	Home Children	63	0.498	2.09	5.48	13.0	52.4	2,340
	Day Care Children	53	2.04	4.44	11.9	27.9	322	4,460
Potential Exposure – Aggregated (pmoles/day)	Overall	96	55.3	222	310	491	1,400	4,320
	Urban	79	55.3	225	338	514	2,400	4,320
	Rural	17	95.0	160	255	369	970	970
	Low Income	28	101	300	453	765	1,400	2,400
	Mid/High Income	58	55.3	141	243	447	1,180	3,890
	Home Children	55	55.3	159	256	488	1,330	4,320
	Day Care Children	41	102	257	361	524	1,400	3,890

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-11c. Chlorpyrifos (2921-88-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	107	100.0	1.06	2.33	0.490	1.11
	Urban	90	100.0	1.18	2.51	0.539	1.14
	Rural	17	100.0	0.408	0.409	0.298	0.772
	Low Income	33	100.0	1.31	1.99	0.654	1.18
	Mid/High Income	64	100.0	0.654	0.788	0.399	0.969
	Home Children	60	100.0	1.14	2.97	0.423	1.18
	Day Care Children	47	100.0	0.958	1.07	0.593	0.996
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	79.2	3.89	5.60	2.26	0.985
	Urban	108	78.7	4.09	5.95	2.30	1.02
	Rural	17	82.4	2.64	2.06	2.04	0.735
	Low Income	40	95.0	5.47	6.53	3.56	0.882
	Mid/High Income	72	73.6	3.17	5.28	1.78	0.974
	Home Children	69	71.0	3.71	5.19	2.13	1.02
	Day Care Children	56	89.3	4.11	6.10	2.43	0.937
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.962	5.74	0.086	1.58
	Urban	99	100.0	1.11	6.21	0.094	1.64
	Rural	17	100.0	0.087	0.119	0.050	1.08
	Low Income	35	100.0	1.94	8.82	0.145	1.86
	Mid/High Income	68	100.0	0.140	0.195	0.069	1.24
	Home Children	63	100.0	0.654	4.20	0.060	1.56
	Day Care Children	53	100.0	1.33	7.18	0.130	1.51
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	96	100.0	5.39	8.25	3.37	0.861
	Urban	79	100.0	5.87	8.99	3.56	0.897
	Rural	17	100.0	3.13	2.00	2.61	0.624
	Low Income	28	100.0	6.38	6.62	4.73	0.728
	Mid/High Income	58	100.0	4.12	5.81	2.70	0.823
	Home Children	55	100.0	5.21	9.02	3.05	0.920
	Day Care Children	41	100.0	5.63	7.21	3.87	0.764
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	107	100.0	3.02	6.63	1.40	1.11
	Urban	90	100.0	3.37	7.17	1.54	1.14
	Rural	17	100.0	1.16	1.17	0.850	0.772
	Low Income	33	100.0	3.73	5.67	1.87	1.18
	Mid/High Income	64	100.0	1.87	2.25	1.14	0.969
	Home Children	60	100.0	3.24	8.47	1.21	1.18
	Day Care Children	47	100.0	2.73	3.05	1.69	0.996
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	79.2	11.1	16.0	6.45	0.985
	Urban	108	78.7	11.7	17.0	6.56	1.02
	Rural	17	82.4	7.52	5.88	5.81	0.735
	Low Income	40	95.0	15.6	18.6	10.2	0.882
	Mid/High Income	72	73.6	9.04	15.1	5.08	0.974
	Home Children	69	71.0	10.6	14.8	6.09	1.02
	Day Care Children	56	89.3	11.7	17.4	6.93	0.937
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	2.74	16.4	0.244	1.58
	Urban	99	100.0	3.17	17.7	0.268	1.64
	Rural	17	100.0	0.248	0.339	0.143	1.08
	Low Income	35	100.0	5.54	25.2	0.413	1.86
	Mid/High Income	68	100.0	0.401	0.557	0.198	1.24
	Home Children	63	100.0	1.87	12.0	0.172	1.56
	Day Care Children	53	100.0	3.79	20.5	0.370	1.51
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	96	100.0	15.4	23.5	9.62	0.861
	Urban	79	100.0	16.7	25.6	10.2	0.897
	Rural	17	100.0	8.93	5.71	7.45	0.624
	Low Income	28	100.0	18.2	18.9	13.5	0.728
	Mid/High Income	58	100.0	11.7	16.6	7.70	0.823
	Home Children	55	100.0	14.9	25.7	8.69	0.920
	Day Care Children	41	100.0	16.0	20.6	11.0	0.764

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-11d. Chlorpyrifos (2921-88-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	107	0.039	0.218	0.383	0.993	3.38	20.7
	Urban	90	0.039	0.238	0.466	1.13	3.85	20.7
	Rural	17	0.099	0.210	0.284	0.401	1.76	1.76
	Low Income	33	0.055	0.258	0.572	1.45	5.25	10.5
	Mid/High Income	64	0.039	0.214	0.316	0.831	2.06	4.29
	Home Children	60	0.039	0.198	0.288	0.831	3.83	20.7
	Day Care Children	47	0.055	0.258	0.572	1.13	3.23	5.25
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	1.07	2.06	4.32	11.4	33.9
	Urban	108	<MDL	1.10	2.05	4.39	11.6	33.9
	Rural	17	<MDL	1.04	2.28	2.83	7.86	7.86
	Low Income	40	<MDL	2.02	3.18	6.09	24.1	30.2
	Mid/High Income	72	<MDL	<MDL	1.71	2.90	9.40	33.9
	Home Children	69	<MDL	<MDL	1.99	4.19	11.4	30.2
	Day Care Children	56	<MDL	1.23	2.10	4.33	21.7	33.9
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.003	0.031	0.083	0.181	1.10	52.2
	Urban	99	0.003	0.031	0.093	0.212	1.19	52.2
	Rural	17	0.005	0.020	0.059	0.106	0.518	0.518
	Low Income	35	0.005	0.033	0.116	0.348	4.81	52.2
	Mid/High Income	68	0.003	0.030	0.062	0.165	0.517	1.19
	Home Children	63	0.003	0.020	0.056	0.141	0.602	33.4
	Day Care Children	53	0.015	0.050	0.112	0.212	4.61	52.2
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	96	0.562	2.04	3.10	5.11	17.1	61.8
	Urban	79	0.562	2.09	3.18	5.19	28.7	61.8
	Rural	17	1.05	1.47	2.73	3.65	7.97	7.97
	Low Income	28	1.14	3.02	4.45	7.34	17.1	34.4
	Mid/High Income	58	0.562	1.61	2.54	3.80	11.6	34.9
	Home Children	55	0.562	1.81	2.74	5.08	17.1	61.8
	Day Care Children	41	1.05	2.35	3.32	5.15	14.6	34.9
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	107	0.112	0.623	1.09	2.83	9.64	58.9
	Urban	90	0.112	0.679	1.33	3.22	11.0	58.9
	Rural	17	0.282	0.599	0.811	1.14	5.03	5.03
	Low Income	33	0.158	0.735	1.63	4.13	15.0	29.8
	Mid/High Income	64	0.112	0.610	0.900	2.37	5.86	12.2
	Home Children	60	0.112	0.564	0.820	2.37	10.9	58.9
	Day Care Children	47	0.158	0.735	1.63	3.21	9.22	15.0
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	3.05	5.87	12.3	32.6	96.7
	Urban	108	<MDL	3.13	5.86	12.5	33.2	96.7
	Rural	17	<MDL	2.96	6.50	8.09	22.4	22.4
	Low Income	40	<MDL	5.77	9.07	17.4	68.8	86.0
	Mid/High Income	72	<MDL	<MDL	4.88	8.28	26.8	96.7
	Home Children	69	<MDL	<MDL	5.69	11.9	32.6	86.0
	Day Care Children	56	<MDL	3.50	6.00	12.4	61.8	96.7
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.010	0.087	0.237	0.517	3.12	149
	Urban	99	0.010	0.089	0.267	0.603	3.38	149
	Rural	17	0.015	0.057	0.169	0.303	1.48	1.48
	Low Income	35	0.015	0.095	0.332	0.992	13.7	149
	Mid/High Income	68	0.010	0.085	0.176	0.470	1.48	3.38
	Home Children	63	0.010	0.057	0.159	0.401	1.72	95.3
	Day Care Children	53	0.042	0.143	0.319	0.604	13.2	149
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	96	1.60	5.82	8.85	14.6	48.7	176
	Urban	79	1.60	5.96	9.08	14.8	81.8	176
	Rural	17	2.99	4.20	7.80	10.4	22.7	22.7
	Low Income	28	3.26	8.60	12.7	20.9	48.7	98.1
	Mid/High Income	58	1.60	4.59	7.24	10.9	33.2	99.7
	Home Children	55	1.60	5.16	7.82	14.5	48.7	176
	Day Care Children	41	2.99	6.71	9.47	14.7	41.7	99.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-12a. Chrysene (218-01-9): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	105	64.8	1.06	1.49	0.757	0.663
	Urban	89	70.8	1.15	1.60	0.804	0.699
	Rural	16	31.3	--	--	--	--
	Low Income	34	82.4	1.64	2.38	0.979	0.892
	Mid/High Income	61	54.1	0.816	0.655	0.690	0.504
	Home Children	58	53.4	0.772	0.703	0.651	0.480
	Day Care Children	47	78.7	1.41	2.04	0.912	0.802
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	48.8	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	52.9	41.5	28.0	35.6	0.538
	Low Income	41	58.5	44.2	46.7	34.3	0.616
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	42.0	--	--	--	--
	Day Care Children	58	56.9	47.2	63.1	33.8	0.667
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	82.3	202	34.0	1.21
	Urban	98	100.0	91.5	217	39.5	1.15
	Rural	17	100.0	29.3	36.2	14.3	1.25
	Low Income	35	100.0	42.0	47.7	26.6	0.984
	Mid/High Income	67	100.0	113	259	41.1	1.35
	Home Children	62	100.0	54.5	115	23.0	1.20
	Day Care Children	53	100.0	115	269	53.7	1.07
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	105	64.8	4.64	6.52	3.32	0.663
	Urban	89	70.8	5.03	7.01	3.52	0.699
	Rural	16	31.3	--	--	--	--
	Low Income	34	82.4	7.17	10.4	4.29	0.892
	Mid/High Income	61	54.1	3.58	2.87	3.02	0.504
	Home Children	58	53.4	3.38	3.08	2.85	0.480
	Day Care Children	47	78.7	6.18	8.95	4.00	0.802
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	48.8	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	52.9	182	123	156	0.538
	Low Income	41	58.5	193	205	150	0.616
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	42.0	--	--	--	--
	Day Care Children	58	56.9	207	276	148	0.667
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	361	886	149	1.21
	Urban	98	100.0	401	952	173	1.15
	Rural	17	100.0	128	159	62.7	1.25
	Low Income	35	100.0	184	209	117	0.984
	Mid/High Income	67	100.0	493	1,130	180	1.35
	Home Children	62	100.0	239	504	101	1.20
	Day Care Children	53	100.0	503	1,180	235	1.07

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-12b. Chrysene (218-01-9): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	105	<MDL	<MDL	0.561	0.824	3.49	12.7
	Urban	89	<MDL	<MDL	0.579	0.951	3.89	12.7
	Rural	16	<MDL	<MDL	<MDL	0.562	1.05	1.05
	Low Income	34	<MDL	0.524	0.671	1.64	5.89	12.7
	Mid/High Income	61	<MDL	<MDL	0.538	0.734	1.92	3.99
	Home Children	58	<MDL	<MDL	0.528	0.704	2.87	3.99
	Day Care Children	47	<MDL	0.511	0.621	1.64	4.59	12.7
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	38.0	143	605
	Urban	110	<MDL	<MDL	<MDL	37.1	146	605
	Rural	17	<MDL	<MDL	30.6	39.1	130	130
	Low Income	41	<MDL	<MDL	30.6	38.8	143	274
	Mid/High Income	73	<MDL	<MDL	<MDL	33.6	146	605
	Home Children	69	<MDL	<MDL	<MDL	37.1	130	605
	Day Care Children	58	<MDL	<MDL	30.6	38.0	274	339
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.76	15.7	29.0	71.1	311	1,900
	Urban	98	4.29	17.7	35.5	71.4	332	1,900
	Rural	17	1.76	6.04	8.43	27.5	114	114
	Low Income	35	1.76	15.0	24.5	50.6	144	247
	Mid/High Income	67	3.37	15.7	42.7	99.2	346	1,900
	Home Children	62	1.76	9.52	21.3	45.7	211	796
	Day Care Children	53	6.23	24.8	50.6	101	332	1,900
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	105	<MDL	<MDL	2.46	3.61	15.3	55.8
	Urban	89	<MDL	<MDL	2.54	4.16	17.1	55.8
	Rural	16	<MDL	<MDL	<MDL	2.46	4.61	4.61
	Low Income	34	<MDL	2.29	2.94	7.20	25.8	55.8
	Mid/High Income	61	<MDL	<MDL	2.36	3.21	8.43	17.5
	Home Children	58	<MDL	<MDL	2.31	3.08	12.6	17.5
	Day Care Children	47	<MDL	2.24	2.72	7.20	20.1	55.8
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	167	625	2,650
	Urban	110	<MDL	<MDL	<MDL	162	639	2,650
	Rural	17	<MDL	<MDL	134	171	569	569
	Low Income	41	<MDL	<MDL	134	170	625	1,200
	Mid/High Income	73	<MDL	<MDL	<MDL	147	639	2,650
	Home Children	69	<MDL	<MDL	<MDL	162	569	2,650
	Day Care Children	58	<MDL	<MDL	134	167	1,200	1,480
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	7.71	68.7	127	311	1,360	8,310
	Urban	98	18.8	77.6	156	313	1,460	8,310
	Rural	17	7.71	26.5	36.9	121	499	499
	Low Income	35	7.71	65.5	107	222	631	1,080
	Mid/High Income	67	14.8	68.7	187	434	1,520	8,310
	Home Children	62	7.71	41.7	93.3	200	926	3,490
	Day Care Children	53	27.3	109	222	441	1,460	8,310

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-12c. Chrysene (218-01-9): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	105	64.8	0.030	0.041	0.022	0.677
	Urban	89	70.8	0.033	0.044	0.023	0.712
	Rural	16	31.3	--	--	--	--
	Low Income	34	82.4	0.045	0.065	0.027	0.920
	Mid/High Income	61	54.1	0.024	0.019	0.020	0.519
	Home Children	58	53.4	0.023	0.023	0.019	0.497
	Day Care Children	47	78.7	0.039	0.055	0.025	0.828
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	48.8	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	52.9	1.27	1.03	1.02	0.623
	Low Income	41	58.5	1.31	1.55	0.969	0.680
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	42.0	--	--	--	--
	Day Care Children	58	56.9	1.36	1.93	0.930	0.707
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	2.40	5.25	0.981	1.23
	Urban	98	100.0	2.67	5.63	1.14	1.17
	Rural	17	100.0	0.829	1.05	0.412	1.23
	Low Income	35	100.0	1.30	1.71	0.761	1.04
	Mid/High Income	67	100.0	3.25	6.65	1.19	1.36
	Home Children	62	100.0	1.82	4.60	0.688	1.23
	Day Care Children	53	100.0	3.08	5.89	1.48	1.10
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	105	64.8	0.132	0.178	0.095	0.677
	Urban	89	70.8	0.144	0.192	0.101	0.712
	Rural	16	31.3	--	--	--	--
	Low Income	34	82.4	0.199	0.284	0.118	0.920
	Mid/High Income	61	54.1	0.105	0.083	0.088	0.519
	Home Children	58	53.4	0.101	0.099	0.084	0.497
	Day Care Children	47	78.7	0.171	0.239	0.111	0.828
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	48.8	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	52.9	5.55	4.51	4.49	0.623
	Low Income	41	58.5	5.75	6.80	4.24	0.680
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	42.0	--	--	--	--
	Day Care Children	58	56.9	5.95	8.47	4.08	0.707
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	10.5	23.0	4.30	1.23
	Urban	98	100.0	11.7	24.7	4.99	1.17
	Rural	17	100.0	3.63	4.59	1.80	1.23
	Low Income	35	100.0	5.70	7.49	3.33	1.04
	Mid/High Income	67	100.0	14.2	29.1	5.20	1.36
	Home Children	62	100.0	7.96	20.1	3.01	1.23
	Day Care Children	53	100.0	13.5	25.8	6.50	1.10

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-12d. Chrysene (218-01-9): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	105	<MDL	<MDL	0.018	0.027	0.101	0.342
	Urban	89	<MDL	<MDL	0.019	0.028	0.116	0.342
	Rural	16	<MDL	<MDL	<MDL	0.018	0.027	0.027
	Low Income	34	<MDL	0.014	0.019	0.047	0.153	0.342
	Mid/High Income	61	<MDL	<MDL	0.017	0.023	0.057	0.116
	Home Children	58	<MDL	<MDL	0.017	0.021	0.074	0.143
	Day Care Children	47	<MDL	0.014	0.021	0.046	0.122	0.342
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	1.08	3.87	14.8
	Urban	110	<MDL	<MDL	<MDL	1.07	3.87	14.8
	Rural	17	<MDL	<MDL	0.918	1.42	4.47	4.47
	Low Income	41	<MDL	<MDL	0.878	1.05	3.87	9.43
	Mid/High Income	73	<MDL	<MDL	<MDL	1.07	4.47	14.8
	Home Children	69	<MDL	<MDL	<MDL	1.17	3.21	14.8
	Day Care Children	58	<MDL	<MDL	0.814	1.07	8.68	9.45
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.041	0.393	0.821	2.15	10.7	38.0
	Urban	98	0.131	0.477	0.965	2.19	10.9	38.0
	Rural	17	0.041	0.212	0.237	0.735	3.70	3.70
	Low Income	35	0.041	0.393	0.659	1.47	5.88	8.50
	Mid/High Income	67	0.116	0.394	1.23	2.60	11.1	38.0
	Home Children	62	0.041	0.276	0.634	1.46	6.13	33.7
	Day Care Children	53	0.212	0.695	1.53	2.51	11.1	38.0
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	105	<MDL	<MDL	0.080	0.118	0.443	1.50
	Urban	89	<MDL	<MDL	0.082	0.125	0.506	1.50
	Rural	16	<MDL	<MDL	<MDL	0.080	0.118	0.118
	Low Income	34	<MDL	0.062	0.085	0.207	0.670	1.50
	Mid/High Income	61	<MDL	<MDL	0.075	0.100	0.248	0.506
	Home Children	58	<MDL	<MDL	0.074	0.092	0.322	0.626
	Day Care Children	47	<MDL	0.061	0.091	0.201	0.536	1.50
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	4.74	16.9	64.9
	Urban	110	<MDL	<MDL	<MDL	4.68	16.9	64.9
	Rural	17	<MDL	<MDL	4.02	6.20	19.6	19.6
	Low Income	41	<MDL	<MDL	3.85	4.58	16.9	41.3
	Mid/High Income	73	<MDL	<MDL	<MDL	4.69	19.6	64.9
	Home Children	69	<MDL	<MDL	<MDL	5.13	14.1	64.9
	Day Care Children	58	<MDL	<MDL	3.57	4.69	38.0	41.4
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.181	1.72	3.59	9.40	46.9	166
	Urban	98	0.575	2.09	4.23	9.57	47.7	166
	Rural	17	0.181	0.928	1.04	3.22	16.2	16.2
	Low Income	35	0.181	1.72	2.88	6.43	25.7	37.3
	Mid/High Income	67	0.508	1.73	5.37	11.4	48.6	166
	Home Children	62	0.181	1.21	2.78	6.37	26.8	148
	Day Care Children	53	0.928	3.05	6.70	11.0	48.6	166

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-13a. Cyfluthrin (68359-37-5): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	123	6.5	--	--	--	--
	Urban	106	7.5	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	12.8	--	--	--	--
	Mid/High Income	71	4.2	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	14.3	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	4.0	--	--	--	--
	Urban	108	4.6	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	87.0	13.0	23.7	5.90	1.29
	Urban	99	88.9	14.1	25.2	6.51	1.28
	Rural	16	75.0	6.24	7.20	3.22	1.24
	Low Income	35	97.1	9.47	9.14	6.58	0.911
	Mid/High Income	68	83.8	15.4	29.6	5.78	1.44
	Home Children	63	82.5	10.7	19.3	4.90	1.31
	Day Care Children	52	92.3	15.8	28.0	7.40	1.25
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	123	6.5	--	--	--	--
	Urban	106	7.5	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	12.8	--	--	--	--
	Mid/High Income	71	4.2	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	14.3	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	4.0	--	--	--	--
	Urban	108	4.6	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	87.0	30.0	54.6	13.6	1.29
	Urban	99	88.9	32.5	58.1	15.0	1.28
	Rural	16	75.0	14.4	16.6	7.42	1.24
	Low Income	35	97.1	21.8	21.0	15.2	0.911
	Mid/High Income	68	83.8	35.4	68.2	13.3	1.44
	Home Children	63	82.5	24.7	44.5	11.3	1.31
	Day Care Children	52	92.3	36.4	64.6	17.0	1.25

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-13b. Cyfluthrin (68359-37-5): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	12.7	32.2
	Urban	106	<MDL	<MDL	<MDL	<MDL	13.0	32.2
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	16.3	18.3
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	32.2
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	16.3	32.2
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	7,990
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	7,990
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	397
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	7,990
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	7,990
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	400	559
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	2.51	7.10	13.8	40.4	189
	Urban	99	<MDL	3.20	7.58	13.9	46.7	189
	Rural	16	<MDL	<MDL	2.93	9.65	22.9	22.9
	Low Income	35	<MDL	3.95	7.54	11.5	28.8	48.8
	Mid/High Income	68	<MDL	1.85	6.87	16.3	46.7	189
	Home Children	63	<MDL	1.63	4.55	13.2	30.8	146
	Day Care Children	52	<MDL	3.44	8.10	15.5	48.8	189
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	29.2	74.1
	Urban	106	<MDL	<MDL	<MDL	<MDL	29.9	74.1
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	37.5	42.2
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	74.1
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	37.5	74.1
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	18,400
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	18,400
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	914
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	18,400
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	18,400
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	922	1,290
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	5.78	16.3	31.7	93.0	434
	Urban	99	<MDL	7.38	17.4	32.1	108	434
	Rural	16	<MDL	<MDL	6.74	22.2	52.7	52.7
	Low Income	35	<MDL	9.09	17.4	26.5	66.3	112
	Mid/High Income	68	<MDL	4.25	15.8	37.5	108	434
	Home Children	63	<MDL	3.75	10.5	30.4	70.9	336
	Day Care Children	52	<MDL	7.93	18.7	35.8	112	434

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-13c. Cyfluthrin (68359-37-5): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	6.5	--	--	--	--
	Urban	106	7.5	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	12.8	--	--	--	--
	Mid/High Income	71	4.2	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	14.3	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	4.0	--	--	--	--
	Urban	108	4.6	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	87.0	0.388	0.742	0.170	1.32
	Urban	99	88.9	0.422	0.791	0.188	1.30
	Rural	16	75.0	0.184	0.230	0.091	1.28
	Low Income	35	97.1	0.280	0.334	0.188	0.910
	Mid/High Income	68	83.8	0.463	0.924	0.167	1.47
	Home Children	63	82.5	0.350	0.789	0.146	1.35
	Day Care Children	52	92.3	0.435	0.687	0.203	1.27
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	6.5	--	--	--	--
	Urban	106	7.5	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	12.8	--	--	--	--
	Mid/High Income	71	4.2	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	14.3	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	4.0	--	--	--	--
	Urban	108	4.6	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	56	5.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	87.0	0.894	1.71	0.391	1.32
	Urban	99	88.9	0.971	1.82	0.432	1.30
	Rural	16	75.0	0.423	0.529	0.210	1.28
	Low Income	35	97.1	0.644	0.770	0.433	0.910
	Mid/High Income	68	83.8	1.07	2.13	0.384	1.47
	Home Children	63	82.5	0.807	1.82	0.337	1.35
	Day Care Children	52	92.3	1.00	1.58	0.468	1.27

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-13d. Cyfluthrin (68359-37-5): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	0.290	1.36
	Urban	106	<MDL	<MDL	<MDL	<MDL	0.350	1.36
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	0.425	0.472
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	1.36
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	0.472	1.36
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	238
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	238
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	16.2
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	238
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	238
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	14.7	17.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	0.067	0.203	0.417	1.09	6.18
	Urban	99	<MDL	0.091	0.214	0.428	1.20	6.18
	Rural	16	<MDL	<MDL	0.096	0.228	0.841	0.841
	Low Income	35	<MDL	0.114	0.208	0.309	0.591	1.99
	Mid/High Income	68	<MDL	0.055	0.197	0.478	1.20	6.18
	Home Children	63	<MDL	0.052	0.143	0.369	0.896	6.18
	Day Care Children	52	<MDL	0.102	0.218	0.422	1.99	3.78
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	0.667	3.14
	Urban	106	<MDL	<MDL	<MDL	<MDL	0.805	3.14
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	0.978	1.09
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	3.14
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	1.09	3.14
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	547
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	547
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	37.3
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	547
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	547
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	34.0	39.4
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	0.155	0.467	0.961	2.52	14.2
	Urban	99	<MDL	0.209	0.493	0.985	2.77	14.2
	Rural	16	<MDL	<MDL	0.220	0.524	1.94	1.94
	Low Income	35	<MDL	0.264	0.478	0.713	1.36	4.58
	Mid/High Income	68	<MDL	0.126	0.454	1.10	2.77	14.2
	Home Children	63	<MDL	0.119	0.329	0.851	2.06	14.2
	Day Care Children	52	<MDL	0.236	0.502	0.971	4.58	8.70

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-14a. Diazinon (333-41-5): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	99.2	59.0	183	12.0	1.46
	Urban	108	99.1	63.2	195	11.7	1.49
	Rural	17	100.0	32.0	43.8	14.4	1.26
	Low Income	39	100.0	75.9	169	16.9	1.58
	Mid/High Income	73	98.6	32.8	110	9.12	1.27
	Home Children	69	98.6	53.4	209	9.36	1.36
	Day Care Children	56	100.0	65.8	145	16.5	1.53
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	25.6	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	40	42.5	--	--	--	--
	Mid/High Income	72	19.4	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	42.9	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	99.1	49.1	367	1.50	1.93
	Urban	99	99.0	56.1	397	1.55	1.93
	Rural	17	100.0	8.46	16.1	1.24	1.95
	Low Income	35	100.0	9.05	30.0	1.81	1.63
	Mid/High Income	68	98.5	21.9	134	1.31	1.90
	Home Children	63	98.4	82.1	496	1.03	2.11
	Day Care Children	53	100.0	9.94	26.0	2.36	1.59
Potential Exposure – Aggregated (ng/day)	Overall	112	100.0	142	534	54.1	0.980
	Urban	95	100.0	153	579	53.9	1.02
	Rural	17	100.0	79.4	88.0	55.1	0.784
	Low Income	32	100.0	116	190	66.2	0.906
	Mid/High Income	67	100.0	86.5	183	46.3	0.868
	Home Children	63	100.0	167	699	46.0	1.02
	Day Care Children	49	100.0	110	162	66.6	0.900
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	99.2	194	600	39.6	1.46
	Urban	108	99.1	208	642	38.5	1.49
	Rural	17	100.0	105	144	47.2	1.26
	Low Income	39	100.0	249	554	55.7	1.58
	Mid/High Income	73	98.6	108	362	30.0	1.27
	Home Children	69	98.6	176	688	30.8	1.36
	Day Care Children	56	100.0	216	475	54.1	1.53
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	25.6	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	40	42.5	--	--	--	--
	Mid/High Income	72	19.4	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	42.9	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	99.1	161	1,210	4.93	1.93
	Urban	99	99.0	184	1,300	5.10	1.93
	Rural	17	100.0	27.8	52.8	4.06	1.95
	Low Income	35	100.0	29.7	98.6	5.96	1.63
	Mid/High Income	68	98.5	72.0	440	4.30	1.90
	Home Children	63	98.4	270	1,630	3.37	2.11
	Day Care Children	53	100.0	32.7	85.4	7.75	1.59
Potential Exposure – Aggregated (pmoles/day)	Overall	112	100.0	466	1,760	178	0.980
	Urban	95	100.0	503	1,900	177	1.02
	Rural	17	100.0	261	289	181	0.784
	Low Income	32	100.0	382	625	217	0.906
	Mid/High Income	67	100.0	284	601	152	0.868
	Home Children	63	100.0	547	2,300	151	1.02
	Day Care Children	49	100.0	362	533	219	0.900

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-14b. Diazinon (333-41-5): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	4.84	8.03	18.7	211	1,490
	Urban	108	<MDL	4.29	7.62	19.5	271	1,490
	Rural	17	1.39	7.20	8.93	16.8	131	131
	Low Income	39	1.65	6.21	11.5	29.1	640	719
	Mid/High Income	73	<MDL	3.85	6.60	14.3	131	897
	Home Children	69	<MDL	4.80	6.60	13.8	211	1,490
	Day Care Children	56	1.65	5.86	9.76	33.6	491	719
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	33.6	74.0	216
	Urban	108	<MDL	<MDL	<MDL	33.5	74.0	138
	Rural	17	<MDL	<MDL	<MDL	<MDL	216	216
	Low Income	40	<MDL	<MDL	<MDL	42.9	87.4	106
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	64.9	216
	Home Children	69	<MDL	<MDL	<MDL	<MDL	48.5	138
	Day Care Children	56	<MDL	<MDL	<MDL	38.7	106	216
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	0.392	1.02	3.42	45.3	3,800
	Urban	99	<MDL	0.376	1.15	3.50	48.4	3,800
	Rural	17	0.099	0.455	0.610	1.01	45.3	45.3
	Low Income	35	0.101	0.600	1.76	4.38	28.7	178
	Mid/High Income	68	<MDL	0.358	0.834	3.10	44.0	1,110
	Home Children	63	<MDL	0.270	0.604	1.84	48.4	3,800
	Day Care Children	53	0.153	0.675	1.89	5.91	44.0	178
Potential Exposure – Aggregated (ng/day)	Overall	112	15.7	29.9	38.6	67.0	378	5,430
	Urban	95	15.7	29.3	38.4	67.6	534	5,430
	Rural	17	24.5	33.4	43.7	53.1	358	358
	Low Income	32	24.0	36.1	49.1	93.7	534	993
	Mid/High Income	67	15.7	27.3	34.0	61.4	252	1,200
	Home Children	63	15.8	27.7	32.4	48.6	378	5,430
	Day Care Children	49	15.7	38.1	50.0	125	358	993
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	15.9	26.4	61.4	694	4,880
	Urban	108	<MDL	14.1	25.0	63.9	889	4,880
	Rural	17	4.58	23.7	29.3	55.1	431	431
	Low Income	39	5.41	20.4	37.7	95.5	2,100	2,360
	Mid/High Income	73	<MDL	12.6	21.7	46.9	431	2,950
	Home Children	69	<MDL	15.8	21.7	45.5	694	4,880
	Day Care Children	56	5.41	19.3	32.1	111	1,610	2,360
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	110	243	710
	Urban	108	<MDL	<MDL	<MDL	110	243	453
	Rural	17	<MDL	<MDL	<MDL	<MDL	710	710
	Low Income	40	<MDL	<MDL	<MDL	141	287	349
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	213	710
	Home Children	69	<MDL	<MDL	<MDL	<MDL	159	453
	Day Care Children	56	<MDL	<MDL	<MDL	127	349	710
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	1.29	3.36	11.2	149	12,500
	Urban	99	<MDL	1.23	3.79	11.5	159	12,500
	Rural	17	0.327	1.49	2.00	3.32	149	149
	Low Income	35	0.331	1.97	5.79	14.4	94.4	584
	Mid/High Income	68	<MDL	1.18	2.74	10.2	145	3,630
	Home Children	63	<MDL	0.886	1.98	6.04	159	12,500
	Day Care Children	53	0.504	2.22	6.22	19.4	145	584
Potential Exposure – Aggregated (pmoles/day)	Overall	112	51.7	98.2	127	220	1,240	17,800
	Urban	95	51.7	96.2	126	222	1,750	17,800
	Rural	17	80.6	110	144	175	1,180	1,180
	Low Income	32	79.0	119	161	308	1,750	3,260
	Mid/High Income	67	51.7	89.8	112	202	829	3,930
	Home Children	63	51.9	90.9	106	160	1,240	17,800
	Day Care Children	49	51.7	125	164	409	1,180	3,260

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-14c. Diazinon (333-41-5): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	99.2	1.82	6.43	0.345	1.48
	Urban	108	99.1	1.96	6.89	0.335	1.51
	Rural	17	100.0	0.926	1.34	0.414	1.25
	Low Income	39	100.0	2.26	5.13	0.476	1.63
	Mid/High Income	73	98.6	0.859	2.71	0.263	1.24
	Home Children	69	98.6	1.75	7.75	0.277	1.38
	Day Care Children	56	100.0	1.90	4.37	0.451	1.56
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	25.6	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	40	42.5	--	--	--	--
	Mid/High Income	72	19.4	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	42.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	99.1	1.81	14.7	0.043	1.94
	Urban	99	99.0	2.08	15.9	0.045	1.95
	Rural	17	100.0	0.250	0.497	0.036	1.96
	Low Income	35	100.0	0.272	0.895	0.052	1.66
	Mid/High Income	68	98.5	0.630	3.88	0.038	1.90
	Home Children	63	98.4	3.09	19.9	0.031	2.14
	Day Care Children	53	100.0	0.291	0.777	0.065	1.61
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	112	100.0	4.62	21.3	1.56	0.988
	Urban	95	100.0	5.04	23.1	1.55	1.02
	Rural	17	100.0	2.30	2.53	1.59	0.796
	Low Income	32	100.0	3.39	5.56	1.89	0.932
	Mid/High Income	67	100.0	2.38	4.99	1.33	0.832
	Home Children	63	100.0	5.81	28.1	1.37	1.03
	Day Care Children	49	100.0	3.08	4.71	1.83	0.910
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	99.2	5.97	21.1	1.13	1.48
	Urban	108	99.1	6.44	22.7	1.10	1.51
	Rural	17	100.0	3.04	4.42	1.36	1.25
	Low Income	39	100.0	7.42	16.8	1.56	1.63
	Mid/High Income	73	98.6	2.82	8.89	0.864	1.24
	Home Children	69	98.6	5.76	25.5	0.912	1.38
	Day Care Children	56	100.0	6.24	14.4	1.48	1.56
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	25.6	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	40	42.5	--	--	--	--
	Mid/High Income	72	19.4	--	--	--	--
	Home Children	69	11.6	--	--	--	--
	Day Care Children	56	42.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	99.1	5.95	48.2	0.142	1.94
	Urban	99	99.0	6.83	52.2	0.147	1.95
	Rural	17	100.0	0.822	1.63	0.117	1.96
	Low Income	35	100.0	0.894	2.94	0.170	1.66
	Mid/High Income	68	98.5	2.07	12.7	0.124	1.90
	Home Children	63	98.4	10.2	65.3	0.101	2.14
	Day Care Children	53	100.0	0.957	2.55	0.214	1.61
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	112	100.0	15.2	69.8	5.12	0.988
	Urban	95	100.0	16.5	75.7	5.10	1.02
	Rural	17	100.0	7.54	8.33	5.22	0.796
	Low Income	32	100.0	11.1	18.3	6.22	0.932
	Mid/High Income	67	100.0	7.83	16.4	4.37	0.832
	Home Children	63	100.0	19.1	92.3	4.52	1.03
	Day Care Children	49	100.0	10.1	15.5	6.01	0.910

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-14d. Diazinon (333-41-5): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.130	0.245	0.547	5.82	60.6
	Urban	108	<MDL	0.123	0.238	0.541	7.84	60.6
	Rural	17	0.050	0.204	0.268	0.547	4.82	4.82
	Low Income	39	0.039	0.171	0.277	1.11	21.4	21.4
	Mid/High Income	73	<MDL	0.107	0.204	0.430	4.58	21.9
	Home Children	69	<MDL	0.127	0.214	0.430	5.82	60.6
	Day Care Children	56	0.039	0.138	0.264	1.10	12.9	21.4
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	1.05	2.33	5.95
	Urban	108	<MDL	<MDL	<MDL	1.05	2.33	5.62
	Rural	17	<MDL	<MDL	<MDL	<MDL	5.95	5.95
	Low Income	40	<MDL	<MDL	<MDL	1.25	3.03	3.65
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	1.74	5.95
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.66	5.62
	Day Care Children	56	<MDL	<MDL	<MDL	1.23	3.19	5.95
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	0.011	0.031	0.089	1.19	155
	Urban	99	<MDL	0.011	0.037	0.097	1.07	155
	Rural	17	0.003	0.013	0.021	0.035	1.62	1.62
	Low Income	35	0.003	0.018	0.045	0.151	0.822	5.29
	Mid/High Income	68	<MDL	0.010	0.025	0.080	1.07	32.0
	Home Children	63	<MDL	0.008	0.019	0.054	1.07	155
	Day Care Children	53	0.004	0.019	0.049	0.148	1.19	5.29
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	112	0.458	0.872	1.13	1.89	11.0	221
	Urban	95	0.458	0.845	1.14	1.92	14.0	221
	Rural	17	0.628	0.882	1.12	1.86	9.85	9.85
	Low Income	32	0.683	1.02	1.30	2.98	14.0	29.6
	Mid/High Income	67	0.458	0.789	1.05	1.76	6.94	34.7
	Home Children	63	0.458	0.802	1.05	1.41	11.0	221
	Day Care Children	49	0.481	0.963	1.31	2.84	9.85	29.6
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.428	0.804	1.80	19.1	199
	Urban	108	<MDL	0.403	0.784	1.78	25.8	199
	Rural	17	0.163	0.669	0.880	1.80	15.8	15.8
	Low Income	39	0.129	0.561	0.912	3.65	70.2	70.3
	Mid/High Income	73	<MDL	0.352	0.669	1.41	15.1	72.1
	Home Children	69	<MDL	0.417	0.703	1.41	19.1	199
	Day Care Children	56	0.129	0.453	0.866	3.62	42.3	70.3
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	3.43	7.67	19.6
	Urban	108	<MDL	<MDL	<MDL	3.43	7.67	18.5
	Rural	17	<MDL	<MDL	<MDL	<MDL	19.6	19.6
	Low Income	40	<MDL	<MDL	<MDL	4.10	9.97	12.0
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	5.73	19.6
	Home Children	69	<MDL	<MDL	<MDL	<MDL	5.46	18.5
	Day Care Children	56	<MDL	<MDL	<MDL	4.05	10.5	19.6
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	0.037	0.102	0.293	3.91	510
	Urban	99	<MDL	0.036	0.121	0.319	3.50	510
	Rural	17	0.008	0.044	0.069	0.114	5.31	5.31
	Low Income	35	0.010	0.060	0.148	0.495	2.70	17.4
	Mid/High Income	68	<MDL	0.032	0.083	0.264	3.50	105
	Home Children	63	<MDL	0.027	0.062	0.177	3.50	510
	Day Care Children	53	0.015	0.063	0.162	0.487	3.91	17.4
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	112	1.50	2.87	3.73	6.21	36.0	728
	Urban	95	1.50	2.78	3.76	6.30	46.0	728
	Rural	17	2.06	2.90	3.67	6.10	32.4	32.4
	Low Income	32	2.24	3.35	4.28	9.79	46.0	97.1
	Mid/High Income	67	1.50	2.59	3.45	5.80	22.8	114
	Home Children	63	1.50	2.63	3.45	4.63	36.0	728
	Day Care Children	49	1.58	3.16	4.31	9.34	32.4	97.1

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-15a. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	1.6	--	--	--	--
	Urban	110	1.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	1.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	15.4	32.0	6.99	1.19
	Urban	98	100.0	16.9	34.3	8.05	1.11
	Rural	17	100.0	6.69	8.41	3.11	1.36
	Low Income	35	100.0	8.55	8.33	5.62	0.965
	Mid/High Income	67	100.0	20.7	40.8	8.26	1.34
	Home Children	62	100.0	10.6	22.3	4.69	1.20
	Day Care Children	53	100.0	21.1	40.1	11.2	1.02
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	1.6	--	--	--	--
	Urban	110	1.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	1.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	55.4	115	25.1	1.19
	Urban	98	100.0	60.8	123	28.9	1.11
	Rural	17	100.0	24.0	30.2	11.2	1.36
	Low Income	35	100.0	30.7	29.9	20.2	0.965
	Mid/High Income	67	100.0	74.2	147	29.7	1.34
	Home Children	62	100.0	38.0	80.0	16.8	1.20
	Day Care Children	53	100.0	75.7	144	40.1	1.02

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-15b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	1.91
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	1.91
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	1.91
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	1.91
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	102
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	102
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	47.4
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	102
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	102
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	47.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	0.212	2.98	6.18	15.3	59.2	275
	Urban	98	0.870	3.98	7.68	15.5	61.9	275
	Rural	17	0.212	1.45	1.99	6.01	29.7	29.7
	Low Income	35	0.517	2.92	5.05	11.8	29.7	36.8
	Mid/High Income	67	0.212	2.98	8.29	19.3	71.8	275
	Home Children	62	0.212	2.01	4.47	9.66	29.7	161
	Day Care Children	53	1.45	5.55	10.2	19.5	71.8	275
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	6.87
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	6.87
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	6.87
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	6.87
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	365
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	365
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	170
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	365
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	365
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	171
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	0.760	10.7	22.2	55.0	213	989
	Urban	98	3.12	14.3	27.6	55.6	222	989
	Rural	17	0.760	5.21	7.14	21.6	107	107
	Low Income	35	1.86	10.5	18.2	42.5	107	132
	Mid/High Income	67	0.760	10.7	29.8	69.2	258	989
	Home Children	62	0.760	7.23	16.0	34.7	107	580
	Day Care Children	53	5.21	19.9	36.6	70.1	258	989

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-15c. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	1.6	--	--	--	--
	Urban	110	1.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	1.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	0.458	0.924	0.201	1.21
	Urban	98	100.0	0.506	0.990	0.232	1.14
	Rural	17	100.0	0.186	0.225	0.089	1.32
	Low Income	35	100.0	0.263	0.301	0.161	1.01
	Mid/High Income	67	100.0	0.611	1.17	0.239	1.35
	Home Children	62	100.0	0.354	0.905	0.140	1.23
	Day Care Children	53	100.0	0.581	0.941	0.308	1.05
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	1.6	--	--	--	--
	Urban	110	1.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	1.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	1.65	3.32	0.724	1.21
	Urban	98	100.0	1.82	3.56	0.833	1.14
	Rural	17	100.0	0.667	0.810	0.321	1.32
	Low Income	35	100.0	0.943	1.08	0.577	1.01
	Mid/High Income	67	100.0	2.20	4.20	0.857	1.35
	Home Children	62	100.0	1.27	3.25	0.503	1.23
	Day Care Children	53	100.0	2.09	3.38	1.11	1.05

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-15d. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.051
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.051
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.051
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.051
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	2.49
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	2.49
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	1.63
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	2.49
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	2.49
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	1.63
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.007	0.082	0.183	0.421	1.75	6.83
	Urban	98	0.025	0.104	0.198	0.474	1.86	6.83
	Rural	17	0.007	0.039	0.069	0.183	0.707	0.707
	Low Income	35	0.012	0.082	0.151	0.310	1.21	1.27
	Mid/High Income	67	0.007	0.082	0.271	0.581	3.04	6.83
	Home Children	62	0.007	0.062	0.126	0.367	0.861	6.83
	Day Care Children	53	0.039	0.149	0.299	0.581	3.04	5.51
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.184
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.184
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.184
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.184
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	<MDL	8.94
	Urban	110	<MDL	<MDL	<MDL	<MDL	<MDL	8.94
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	5.86
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	8.94
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	8.94
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	5.86
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.026	0.295	0.656	1.51	6.30	24.5
	Urban	98	0.091	0.372	0.710	1.70	6.69	24.5
	Rural	17	0.026	0.142	0.246	0.656	2.54	2.54
	Low Income	35	0.044	0.295	0.541	1.11	4.35	4.55
	Mid/High Income	67	0.026	0.295	0.973	2.09	10.9	24.5
	Home Children	62	0.026	0.221	0.454	1.32	3.09	24.5
	Day Care Children	53	0.140	0.535	1.07	2.09	10.9	19.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-16a. Di-*n*-butylphthalate (84-74-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	100.0	2,160	1,160	1,870	0.568
	Urban	107	100.0	2,070	1,180	1,770	0.581
	Rural	17	100.0	2,740	844	2,620	0.319
	Low Income	38	100.0	2,420	1,530	2,010	0.638
	Mid/High Income	73	100.0	2,020	955	1,780	0.544
	Home Children	69	100.0	1,860	847	1,630	0.556
	Day Care Children	55	100.0	2,530	1,380	2,200	0.542
Potential Exposure via Dietary Ingestion (ng/day)	Overall	48	31.3	--	--	--	--
	Urban	42	28.6	--	--	--	--
	Rural	6	50.0	22,400	30,200	12,500	1.11
	Low Income	14	42.9	--	--	--	--
	Mid/High Income	30	26.7	--	--	--	--
	Home Children	34	20.6	--	--	--	--
	Day Care Children	14	57.1	27,200	38,000	15,900	0.970
Potential Exposure via Indirect Ingestion (ng/day)	Overall	112	100.0	347	432	224	0.899
	Urban	96	100.0	363	456	236	0.885
	Rural	16	100.0	247	227	164	0.948
	Low Income	35	100.0	286	242	215	0.780
	Mid/High Income	65	100.0	380	523	224	0.976
	Home Children	61	100.0	270	323	175	0.913
	Day Care Children	51	100.0	438	523	301	0.792
Potential Exposure – Aggregated (ng/day)	Overall	43	100.0	19,500	27,600	12,200	0.826
	Urban	37	100.0	18,500	27,500	11,700	0.806
	Rural	6	100.0	25,400	30,200	16,200	0.970
	Low Income	12	100.0	24,600	24,000	16,600	0.895
	Mid/High Income	27	100.0	16,100	27,900	10,600	0.717
	Home Children	30	100.0	14,200	19,400	9,780	0.708
	Day Care Children	13	100.0	31,500	39,100	20,600	0.869
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	100.0	7,760	4,160	6,700	0.568
	Urban	107	100.0	7,420	4,230	6,350	0.581
	Rural	17	100.0	9,850	3,030	9,400	0.319
	Low Income	38	100.0	8,710	5,480	7,220	0.638
	Mid/High Income	73	100.0	7,260	3,430	6,390	0.544
	Home Children	69	100.0	6,680	3,040	5,870	0.556
	Day Care Children	55	100.0	9,100	4,940	7,920	0.542
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	48	31.3	--	--	--	--
	Urban	42	28.6	--	--	--	--
	Rural	6	50.0	80,500	109,000	44,700	1.11
	Low Income	14	42.9	--	--	--	--
	Mid/High Income	30	26.7	--	--	--	--
	Home Children	34	20.6	--	--	--	--
	Day Care Children	14	57.1	97,800	136,000	57,200	0.970
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	112	100.0	1,250	1,550	804	0.899
	Urban	96	100.0	1,310	1,640	847	0.885
	Rural	16	100.0	886	814	590	0.948
	Low Income	35	100.0	1,030	869	772	0.780
	Mid/High Income	65	100.0	1,360	1,880	805	0.976
	Home Children	61	100.0	971	1,160	628	0.913
	Day Care Children	51	100.0	1,570	1,880	1,080	0.792
Potential Exposure – Aggregated (pmoles/day)	Overall	43	100.0	69,900	99,200	44,000	0.826
	Urban	37	100.0	66,400	98,800	42,100	0.806
	Rural	6	100.0	91,200	109,000	58,200	0.970
	Low Income	12	100.0	88,400	86,300	59,800	0.895
	Mid/High Income	27	100.0	57,900	100,000	38,100	0.717
	Home Children	30	100.0	51,100	69,700	35,100	0.708
	Day Care Children	13	100.0	113,000	141,000	73,900	0.869

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-16b. Di-*n*-butylphthalate (84-74-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	286	1,300	2,050	2,750	4,030	7,100
	Urban	107	286	1,200	1,970	2,640	3,970	7,100
	Rural	17	1,540	2,200	2,670	3,140	4,330	4,330
	Low Income	38	475	1,360	2,150	2,900	6,100	7,100
	Mid/High Income	73	286	1,230	1,870	2,620	3,890	4,330
	Home Children	69	286	1,200	1,810	2,450	3,090	3,970
	Day Care Children	55	636	1,540	2,160	3,140	5,620	7,100
Potential Exposure via Dietary Ingestion (ng/day)	Overall	48	<MDL	<MDL	<MDL	11,300	78,700	149,000
	Urban	42	<MDL	<MDL	<MDL	10,800	47,200	149,000
	Rural	6	<MDL	<MDL	<MDL	24,100	82,400	82,400
	Low Income	14	<MDL	<MDL	<MDL	38,600	78,700	78,700
	Mid/High Income	30	<MDL	<MDL	<MDL	10,500	24,100	149,000
	Home Children	34	<MDL	<MDL	<MDL	<MDL	78,700	82,400
	Day Care Children	14	<MDL	<MDL	10,600	38,600	149,000	149,000
Potential Exposure via Indirect Ingestion (ng/day)	Overall	112	24.0	125	208	419	1,010	3,120
	Urban	96	24.0	136	216	419	1,070	3,120
	Rural	16	30.3	90.8	126	418	726	726
	Low Income	35	30.3	138	207	365	952	1,160
	Mid/High Income	65	24.0	123	188	424	1,010	3,120
	Home Children	61	24.0	98.2	160	322	769	2,090
	Day Care Children	51	74.3	174	236	514	1,160	3,120
Potential Exposure – Aggregated (ng/day)	Overall	43	4,270	7,330	8,310	16,900	81,000	152,000
	Urban	37	4,270	7,330	8,290	13,200	81,000	152,000
	Rural	6	5,900	7,730	13,100	27,300	85,100	85,100
	Low Income	12	6,410	7,870	12,400	42,700	81,000	81,000
	Mid/High Income	27	4,270	7,540	8,290	14,500	27,300	152,000
	Home Children	30	4,270	6,430	7,700	11,400	81,000	85,100
	Day Care Children	13	8,020	11,800	14,500	39,600	152,000	152,000
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	1,030	4,670	7,350	9,880	14,500	25,500
	Urban	107	1,030	4,330	7,090	9,500	14,300	25,500
	Rural	17	5,530	7,890	9,580	11,300	15,500	15,500
	Low Income	38	1,710	4,880	7,730	10,400	21,900	25,500
	Mid/High Income	73	1,030	4,410	6,730	9,420	14,000	15,500
	Home Children	69	1,030	4,330	6,520	8,800	11,100	14,300
	Day Care Children	55	2,280	5,530	7,780	11,300	20,200	25,500
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	48	<MDL	<MDL	<MDL	40,600	283,000	536,000
	Urban	42	<MDL	<MDL	<MDL	38,800	170,000	536,000
	Rural	6	<MDL	<MDL	<MDL	86,400	296,000	296,000
	Low Income	14	<MDL	<MDL	<MDL	139,000	283,000	283,000
	Mid/High Income	30	<MDL	<MDL	<MDL	37,600	86,400	536,000
	Home Children	34	<MDL	<MDL	<MDL	<MDL	283,000	296,000
	Day Care Children	14	<MDL	<MDL	37,900	139,000	536,000	536,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	112	86.3	450	748	1,510	3,620	11,200
	Urban	96	86.3	487	776	1,510	3,830	11,200
	Rural	16	109	326	451	1,500	2,610	2,610
	Low Income	35	109	495	745	1,310	3,420	4,180
	Mid/High Income	65	86.3	440	677	1,520	3,620	11,200
	Home Children	61	86.3	353	576	1,160	2,760	7,490
	Day Care Children	51	267	625	848	1,850	4,180	11,200
Potential Exposure – Aggregated (pmoles/day)	Overall	43	15,400	26,300	29,900	60,900	291,000	547,000
	Urban	37	15,400	26,300	29,800	47,400	291,000	547,000
	Rural	6	21,200	27,800	47,200	97,900	306,000	306,000
	Low Income	12	23,000	28,300	44,500	154,000	291,000	291,000
	Mid/High Income	27	15,400	27,100	29,800	52,100	97,900	547,000
	Home Children	30	15,400	23,100	27,700	41,000	291,000	306,000
	Day Care Children	13	28,800	42,500	52,100	142,000	547,000	547,000

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-16c. Di-*n*-butylphthalate (84-74-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	100.0	63.1	39.3	53.4	0.593
	Urban	107	100.0	60.3	40.1	50.5	0.601
	Rural	17	100.0	80.8	29.2	75.4	0.407
	Low Income	38	100.0	72.0	55.4	56.4	0.723
	Mid/High Income	73	100.0	58.0	28.4	51.2	0.526
	Home Children	69	100.0	55.1	25.7	48.4	0.544
	Day Care Children	55	100.0	73.2	50.0	60.3	0.634
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	48	31.3	--	--	--	--
	Urban	42	28.6	--	--	--	--
	Rural	6	50.0	679	958	361	1.14
	Low Income	14	42.9	--	--	--	--
	Mid/High Income	30	26.7	--	--	--	--
	Home Children	34	20.6	--	--	--	--
	Day Care Children	14	57.1	687	903	414	0.950
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	112	100.0	10.2	12.2	6.43	0.939
	Urban	96	100.0	10.6	12.8	6.78	0.915
	Rural	16	100.0	7.43	7.18	4.65	1.04
	Low Income	35	100.0	8.81	8.97	6.14	0.861
	Mid/High Income	65	100.0	10.9	14.2	6.45	1.000
	Home Children	61	100.0	8.40	10.4	5.22	0.963
	Day Care Children	51	100.0	12.2	13.8	8.24	0.855
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	43	100.0	539	703	353	0.803
	Urban	37	100.0	502	662	337	0.772
	Rural	6	100.0	765	961	470	1.01
	Low Income	12	100.0	657	625	467	0.813
	Mid/High Income	27	100.0	440	656	301	0.724
	Home Children	30	100.0	428	561	296	0.724
	Day Care Children	13	100.0	796	931	530	0.856
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	100.0	227	141	192	0.593
	Urban	107	100.0	217	144	182	0.601
	Rural	17	100.0	290	105	271	0.407
	Low Income	38	100.0	259	199	202	0.723
	Mid/High Income	73	100.0	208	102	184	0.526
	Home Children	69	100.0	198	92.4	174	0.544
	Day Care Children	55	100.0	263	180	217	0.634
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	48	31.3	--	--	--	--
	Urban	42	28.6	--	--	--	--
	Rural	6	50.0	2,440	3,440	1,300	1.14
	Low Income	14	42.9	--	--	--	--
	Mid/High Income	30	26.7	--	--	--	--
	Home Children	34	20.6	--	--	--	--
	Day Care Children	14	57.1	2,470	3,240	1,490	0.950
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	112	100.0	36.5	43.7	23.1	0.939
	Urban	96	100.0	38.1	45.9	24.4	0.915
	Rural	16	100.0	26.7	25.8	16.7	1.04
	Low Income	35	100.0	31.7	32.2	22.1	0.861
	Mid/High Income	65	100.0	39.3	51.2	23.2	1.000
	Home Children	61	100.0	30.2	37.4	18.8	0.963
	Day Care Children	51	100.0	44.0	49.6	29.6	0.855
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	43	100.0	1,940	2,530	1,270	0.803
	Urban	37	100.0	1,800	2,380	1,210	0.772
	Rural	6	100.0	2,750	3,450	1,690	1.01
	Low Income	12	100.0	2,360	2,240	1,680	0.813
	Mid/High Income	27	100.0	1,580	2,360	1,080	0.724
	Home Children	30	100.0	1,540	2,020	1,060	0.724
	Day Care Children	13	100.0	2,860	3,350	1,900	0.856

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-16d. Di-*n*-butylphthalate (84-74-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	9.83	36.1	57.3	80.5	134	290
	Urban	107	9.83	34.4	54.2	75.5	134	290
	Rural	17	24.6	64.7	83.9	90.9	159	159
	Low Income	38	11.1	38.1	58.9	92.7	204	290
	Mid/High Income	73	9.83	35.6	55.5	76.9	101	159
	Home Children	69	9.83	33.8	55.5	73.7	102	114
	Day Care Children	55	11.1	39.5	62.1	88.8	172	290
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	48	<MDL	<MDL	<MDL	333	2,020	3,500
	Urban	42	<MDL	<MDL	<MDL	303	1,370	3,500
	Rural	6	<MDL	<MDL	<MDL	679	2,590	2,590
	Low Income	14	<MDL	<MDL	<MDL	674	2,020	2,020
	Mid/High Income	30	<MDL	<MDL	<MDL	303	724	3,500
	Home Children	34	<MDL	<MDL	<MDL	<MDL	2,020	2,590
	Day Care Children	14	<MDL	<MDL	272	724	3,500	3,500
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	112	0.588	3.59	5.65	12.2	28.4	73.2
	Urban	96	0.588	3.90	6.35	12.3	34.7	73.2
	Rural	16	0.710	2.59	4.05	11.1	21.5	21.5
	Low Income	35	0.710	3.97	5.52	9.01	26.2	47.4
	Mid/High Income	65	0.588	3.59	5.52	11.7	34.7	73.2
	Home Children	61	0.588	2.87	4.22	10.7	24.2	67.6
	Day Care Children	51	1.19	4.81	7.28	15.9	47.4	73.2
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	43	124	205	262	467	2,080	3,570
	Urban	37	124	205	253	398	2,080	3,570
	Rural	6	151	266	362	770	2,680	2,680
	Low Income	12	221	251	337	1,030	2,080	2,080
	Mid/High Income	27	124	189	241	398	788	3,570
	Home Children	30	124	198	236	393	2,080	2,680
	Day Care Children	13	205	282	363	788	3,570	3,570
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	35.3	130	206	289	483	1,040
	Urban	107	35.3	124	195	271	483	1,040
	Rural	17	88.3	233	301	327	571	571
	Low Income	38	39.9	137	212	333	731	1,040
	Mid/High Income	73	35.3	128	199	276	361	571
	Home Children	69	35.3	121	199	265	367	408
	Day Care Children	55	39.9	142	223	319	618	1,040
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	48	<MDL	<MDL	<MDL	1,200	7,240	12,600
	Urban	42	<MDL	<MDL	<MDL	1,090	4,920	12,600
	Rural	6	<MDL	<MDL	<MDL	2,440	9,310	9,310
	Low Income	14	<MDL	<MDL	<MDL	2,420	7,240	7,240
	Mid/High Income	30	<MDL	<MDL	<MDL	1,090	2,600	12,600
	Home Children	34	<MDL	<MDL	<MDL	<MDL	7,240	9,310
	Day Care Children	14	<MDL	<MDL	976	2,600	12,600	12,600
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	112	2.11	12.9	20.3	44.0	102	263
	Urban	96	2.11	14.0	22.8	44.2	125	263
	Rural	16	2.55	9.30	14.5	40.0	77.3	77.3
	Low Income	35	2.55	14.3	19.8	32.4	94.1	170
	Mid/High Income	65	2.11	12.9	19.8	42.2	125	263
	Home Children	61	2.11	10.3	15.2	38.5	86.9	243
	Day Care Children	51	4.26	17.3	26.2	57.0	170	263
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	43	445	738	940	1,680	7,460	12,800
	Urban	37	445	738	908	1,430	7,460	12,800
	Rural	6	543	956	1,300	2,760	9,620	9,620
	Low Income	12	792	903	1,210	3,700	7,460	7,460
	Mid/High Income	27	445	680	865	1,430	2,830	12,800
	Home Children	30	445	710	847	1,410	7,460	9,620
	Day Care Children	13	738	1,010	1,300	2,830	12,800	12,800

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-17a. *p,p'*-DDE (72-55-9): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	40.0	--	--	--	--
	Urban	108	38.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	41.1	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	82.4	107	138	71.5	0.869
	Urban	108	83.3	111	146	72.3	0.894
	Rural	17	76.5	82.3	51.1	66.5	0.703
	Low Income	40	85.0	107	177	69.8	0.843
	Mid/High Income	72	79.2	109	125	70.3	0.932
	Home Children	69	76.8	104	155	65.7	0.903
	Day Care Children	56	89.3	111	114	79.4	0.820
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	67.2	0.559	0.908	0.253	1.25
	Urban	99	64.6	0.599	0.972	0.257	1.30
	Rural	17	82.4	0.322	0.262	0.229	0.888
	Low Income	35	74.3	0.535	0.949	0.250	1.26
	Mid/High Income	68	66.2	0.530	0.731	0.261	1.21
	Home Children	63	63.5	0.561	0.911	0.250	1.27
	Day Care Children	53	71.7	0.556	0.912	0.256	1.24
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	40.0	--	--	--	--
	Urban	108	38.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	41.1	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	82.4	337	432	225	0.869
	Urban	108	83.3	349	460	227	0.894
	Rural	17	76.5	259	161	209	0.703
	Low Income	40	85.0	337	555	220	0.843
	Mid/High Income	72	79.2	343	392	221	0.932
	Home Children	69	76.8	327	486	207	0.903
	Day Care Children	56	89.3	350	359	250	0.820
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	67.2	1.76	2.85	0.796	1.25
	Urban	99	64.6	1.88	3.05	0.809	1.30
	Rural	17	82.4	1.01	0.825	0.721	0.888
	Low Income	35	74.3	1.68	2.99	0.787	1.26
	Mid/High Income	68	66.2	1.67	2.30	0.821	1.21
	Home Children	63	63.5	1.76	2.86	0.787	1.27
	Day Care Children	53	71.7	1.75	2.87	0.806	1.24

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-17b. *p,p'*-DDE (72-55-9): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	1.09	3.47	13.3
	Urban	108	<MDL	<MDL	<MDL	1.16	3.83	13.3
	Rural	17	<MDL	<MDL	<MDL	0.743	3.43	3.43
	Low Income	39	<MDL	<MDL	<MDL	1.45	3.01	13.3
	Mid/High Income	73	<MDL	<MDL	<MDL	1.02	3.91	5.22
	Home Children	69	<MDL	<MDL	<MDL	1.11	3.43	13.3
	Day Care Children	56	<MDL	<MDL	<MDL	1.08	3.91	5.22
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	43.8	77.8	118	256	1,150
	Urban	108	<MDL	44.1	78.5	118	394	1,150
	Rural	17	<MDL	37.3	71.5	120	168	168
	Low Income	40	<MDL	51.5	75.9	113	226	1,150
	Mid/High Income	72	<MDL	40.1	72.3	120	406	744
	Home Children	69	<MDL	43.8	68.3	114	394	1,150
	Day Care Children	56	<MDL	43.8	78.5	136	256	744
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	<MDL	0.269	0.601	2.53	5.64
	Urban	99	<MDL	<MDL	0.272	0.642	2.68	5.64
	Rural	17	<MDL	0.131	0.214	0.502	0.869	0.869
	Low Income	35	<MDL	<MDL	0.319	0.642	1.27	5.64
	Mid/High Income	68	<MDL	<MDL	0.265	0.586	2.53	3.69
	Home Children	63	<MDL	<MDL	0.261	0.510	2.21	5.38
	Day Care Children	53	<MDL	<MDL	0.272	0.642	2.53	5.64
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.43	10.9	41.9
	Urban	108	<MDL	<MDL	<MDL	3.65	12.0	41.9
	Rural	17	<MDL	<MDL	<MDL	2.34	10.8	10.8
	Low Income	39	<MDL	<MDL	<MDL	4.55	9.47	41.9
	Mid/High Income	73	<MDL	<MDL	<MDL	3.20	12.3	16.4
	Home Children	69	<MDL	<MDL	<MDL	3.50	10.8	41.9
	Day Care Children	56	<MDL	<MDL	<MDL	3.40	12.3	16.4
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	138	245	372	805	3,620
	Urban	108	<MDL	139	247	372	1,240	3,620
	Rural	17	<MDL	117	225	379	528	528
	Low Income	40	<MDL	162	239	354	709	3,620
	Mid/High Income	72	<MDL	126	227	378	1,280	2,340
	Home Children	69	<MDL	138	215	360	1,240	3,620
	Day Care Children	56	<MDL	138	247	429	805	2,340
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	<MDL	0.845	1.89	7.96	17.7
	Urban	99	<MDL	<MDL	0.854	2.02	8.43	17.7
	Rural	17	<MDL	0.411	0.674	1.58	2.73	2.73
	Low Income	35	<MDL	<MDL	1.00	2.02	4.00	17.7
	Mid/High Income	68	<MDL	<MDL	0.834	1.84	7.96	11.6
	Home Children	63	<MDL	<MDL	0.820	1.60	6.96	16.9
	Day Care Children	53	<MDL	<MDL	0.854	2.02	7.96	17.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-17c. *p,p'*-DDE (72-55-9): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	40.0	--	--	--	--
	Urban	108	38.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	41.1	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	82.4	3.10	3.97	2.05	0.888
	Urban	108	83.3	3.22	4.22	2.07	0.920
	Rural	17	76.5	2.31	1.36	1.91	0.664
	Low Income	40	85.0	2.97	4.52	1.98	0.832
	Mid/High Income	72	79.2	3.22	3.98	2.02	0.966
	Home Children	69	76.8	3.03	4.06	1.95	0.927
	Day Care Children	56	89.3	3.18	3.88	2.18	0.841
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	67.2	0.017	0.031	0.007	1.27
	Urban	99	64.6	0.018	0.034	0.007	1.32
	Rural	17	82.4	0.010	0.009	0.007	0.963
	Low Income	35	74.3	0.017	0.038	0.007	1.28
	Mid/High Income	68	66.2	0.015	0.021	0.008	1.23
	Home Children	63	63.5	0.017	0.030	0.007	1.30
	Day Care Children	53	71.7	0.017	0.034	0.007	1.25
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	40.0	--	--	--	--
	Urban	108	38.9	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	41.1	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	44.6	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	82.4	9.75	12.5	6.44	0.888
	Urban	108	83.3	10.1	13.3	6.51	0.920
	Rural	17	76.5	7.26	4.29	6.02	0.664
	Low Income	40	85.0	9.34	14.2	6.23	0.832
	Mid/High Income	72	79.2	10.1	12.5	6.35	0.966
	Home Children	69	76.8	9.53	12.8	6.12	0.927
	Day Care Children	56	89.3	10.0	12.2	6.86	0.841
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	67.2	0.054	0.099	0.023	1.27
	Urban	99	64.6	0.057	0.106	0.023	1.32
	Rural	17	82.4	0.032	0.030	0.021	0.963
	Low Income	35	74.3	0.054	0.121	0.022	1.28
	Mid/High Income	68	66.2	0.049	0.067	0.024	1.23
	Home Children	63	63.5	0.055	0.093	0.024	1.30
	Day Care Children	53	71.7	0.052	0.106	0.022	1.25

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-17d. *p,p'*-DDE (72-55-9): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.029	0.117	0.459
	Urban	108	<MDL	<MDL	<MDL	0.030	0.117	0.459
	Rural	17	<MDL	<MDL	<MDL	0.026	0.122	0.122
	Low Income	39	<MDL	<MDL	<MDL	0.040	0.123	0.459
	Mid/High Income	73	<MDL	<MDL	<MDL	0.026	0.117	0.161
	Home Children	69	<MDL	<MDL	<MDL	0.037	0.119	0.459
	Day Care Children	56	<MDL	<MDL	<MDL	0.027	0.117	0.123
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	1.28	2.09	3.59	7.32	29.5
	Urban	108	<MDL	1.20	2.12	3.69	8.13	29.5
	Rural	17	<MDL	1.42	1.83	3.32	4.65	4.65
	Low Income	40	<MDL	1.42	2.02	3.19	5.77	29.5
	Mid/High Income	72	<MDL	1.02	2.13	3.94	10.6	27.3
	Home Children	69	<MDL	1.29	2.09	3.32	8.13	29.5
	Day Care Children	56	<MDL	1.28	2.21	4.21	7.32	27.3
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	<MDL	0.008	0.017	0.059	0.230
	Urban	99	<MDL	<MDL	0.008	0.018	0.077	0.230
	Rural	17	<MDL	0.004	0.005	0.016	0.031	0.031
	Low Income	35	<MDL	<MDL	0.008	0.019	0.044	0.230
	Mid/High Income	68	<MDL	<MDL	0.008	0.017	0.059	0.107
	Home Children	63	<MDL	<MDL	0.008	0.018	0.058	0.185
	Day Care Children	53	<MDL	<MDL	0.007	0.017	0.059	0.230
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.090	0.369	1.44
	Urban	108	<MDL	<MDL	<MDL	0.096	0.369	1.44
	Rural	17	<MDL	<MDL	<MDL	0.081	0.383	0.383
	Low Income	39	<MDL	<MDL	<MDL	0.127	0.386	1.44
	Mid/High Income	73	<MDL	<MDL	<MDL	0.083	0.369	0.507
	Home Children	69	<MDL	<MDL	<MDL	0.116	0.376	1.44
	Day Care Children	56	<MDL	<MDL	<MDL	0.085	0.369	0.386
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	4.02	6.58	11.3	23.0	92.7
	Urban	108	<MDL	3.78	6.68	11.6	25.6	92.7
	Rural	17	<MDL	4.45	5.76	10.4	14.6	14.6
	Low Income	40	<MDL	4.47	6.35	10.0	18.2	92.7
	Mid/High Income	72	<MDL	3.22	6.69	12.4	33.2	85.9
	Home Children	69	<MDL	4.04	6.58	10.4	25.6	92.7
	Day Care Children	56	<MDL	4.01	6.94	13.2	23.0	85.9
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	<MDL	0.024	0.055	0.187	0.723
	Urban	99	<MDL	<MDL	0.026	0.056	0.244	0.723
	Rural	17	<MDL	0.012	0.017	0.050	0.097	0.097
	Low Income	35	<MDL	<MDL	0.026	0.060	0.138	0.723
	Mid/High Income	68	<MDL	<MDL	0.025	0.055	0.187	0.336
	Home Children	63	<MDL	<MDL	0.024	0.056	0.183	0.582
	Day Care Children	53	<MDL	<MDL	0.023	0.052	0.187	0.723

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-18a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	105	74.3	3.63	4.54	2.29	0.888
	Urban	96	74.0	3.23	3.55	2.15	0.837
	Rural	9	77.8	7.90	9.78	4.29	1.19
	Low Income	34	70.6	3.39	4.30	2.14	0.866
	Mid/High Income	62	72.6	3.43	3.32	2.32	0.864
	Home Children	63	66.7	3.54	3.34	2.38	0.883
	Day Care Children	42	85.7	3.78	5.95	2.15	0.902
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	54.3	319	759	150	0.968
	Urban	110	59.1	348	811	155	1.02
	Rural	17	23.5	--	--	--	--
	Low Income	41	63.4	463	924	182	1.15
	Mid/High Income	73	54.8	274	715	142	0.908
	Home Children	69	44.9	--	--	--	--
	Day Care Children	58	65.5	391	786	180	1.03
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	99.1	18.1	52.1	5.42	1.52
	Urban	99	99.0	20.0	55.9	5.89	1.54
	Rural	16	100.0	5.92	6.67	3.22	1.25
	Low Income	35	97.1	5.77	9.66	2.53	1.35
	Mid/High Income	67	100.0	24.8	66.7	7.53	1.50
	Home Children	62	98.4	21.0	67.4	5.13	1.64
	Day Care Children	53	100.0	14.7	24.5	5.77	1.38
Potential Exposure – Aggregated (ng/day)	Overall	95	98.9	350	736	175	0.975
	Urban	87	98.9	373	766	184	1.00
	Rural	8	100.0	106	25.1	103	0.250
	Low Income	29	96.6	444	699	205	1.11
	Mid/High Income	57	100.0	335	808	169	0.957
	Home Children	58	98.3	311	802	154	0.929
	Day Care Children	37	100.0	413	625	214	1.03
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	105	74.3	16.4	20.5	10.3	0.888
	Urban	96	74.0	14.6	16.1	9.75	0.837
	Rural	9	77.8	35.7	44.3	19.4	1.19
	Low Income	34	70.6	15.3	19.4	9.69	0.866
	Mid/High Income	62	72.6	15.5	15.0	10.5	0.864
	Home Children	63	66.7	16.0	15.1	10.8	0.883
	Day Care Children	42	85.7	17.1	26.9	9.74	0.902
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	54.3	1,440	3,430	677	0.968
	Urban	110	59.1	1,570	3,670	702	1.02
	Rural	17	23.5	--	--	--	--
	Low Income	41	63.4	2,090	4,180	825	1.15
	Mid/High Income	73	54.8	1,240	3,230	643	0.908
	Home Children	69	44.9	--	--	--	--
	Day Care Children	58	65.5	1,770	3,560	814	1.03
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	99.1	81.8	236	24.5	1.52
	Urban	99	99.0	90.6	253	26.7	1.54
	Rural	16	100.0	26.8	30.2	14.6	1.25
	Low Income	35	97.1	26.1	43.7	11.4	1.35
	Mid/High Income	67	100.0	112	302	34.1	1.50
	Home Children	62	98.4	94.9	305	23.2	1.64
	Day Care Children	53	100.0	66.4	111	26.1	1.38
Potential Exposure – Aggregated (pmoles/day)	Overall	95	98.9	1,590	3,330	793	0.975
	Urban	87	98.9	1,690	3,460	833	1.00
	Rural	8	100.0	478	114	465	0.250
	Low Income	29	96.6	2,010	3,160	927	1.11
	Mid/High Income	57	100.0	1,510	3,660	766	0.957
	Home Children	58	98.3	1,410	3,630	698	0.929
	Day Care Children	37	100.0	1,870	2,830	968	1.03

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-18b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	105	<MDL	<MDL	1.86	3.78	12.8	31.3
	Urban	96	<MDL	<MDL	1.79	3.54	11.5	18.6
	Rural	9	<MDL	1.91	4.85	7.55	31.3	31.3
	Low Income	34	<MDL	<MDL	1.84	3.29	15.0	18.6
	Mid/High Income	62	<MDL	<MDL	1.94	5.08	9.97	15.0
	Home Children	63	<MDL	<MDL	1.86	5.10	9.97	15.0
	Day Care Children	42	<MDL	1.04	1.84	2.80	15.0	31.3
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	117	216	954	6,070
	Urban	110	<MDL	<MDL	118	253	2,070	6,070
	Rural	17	<MDL	<MDL	<MDL	<MDL	397	397
	Low Income	41	<MDL	<MDL	125	253	2,080	4,840
	Mid/High Income	73	<MDL	<MDL	110	216	707	6,070
	Home Children	69	<MDL	<MDL	<MDL	174	707	6,070
	Day Care Children	58	<MDL	<MDL	142	253	2,080	4,840
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	2.09	4.81	16.2	79.6	515
	Urban	99	<MDL	2.17	5.13	18.6	82.6	515
	Rural	16	0.154	1.69	2.97	7.11	23.6	23.6
	Low Income	35	<MDL	1.29	2.30	4.47	25.7	47.9
	Mid/High Income	67	0.154	2.37	6.99	18.6	84.3	515
	Home Children	62	<MDL	1.76	5.37	13.8	55.9	515
	Day Care Children	53	0.210	2.30	4.47	16.2	79.6	135
Potential Exposure – Aggregated (ng/day)	Overall	95	<MDL	81.0	141	245	2,070	6,090
	Urban	87	<MDL	81.0	156	303	2,070	6,090
	Rural	8	70.5	82.6	108	127	140	140
	Low Income	29	<MDL	104	161	245	2,080	2,230
	Mid/High Income	57	35.3	78.1	141	303	781	6,090
	Home Children	58	<MDL	78.8	113	220	781	6,090
	Day Care Children	37	47.1	119	166	261	2,080	2,230
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	105	<MDL	<MDL	8.40	17.1	58.0	141
	Urban	96	<MDL	<MDL	8.09	16.0	51.9	84.2
	Rural	9	<MDL	8.66	21.9	34.2	141	141
	Low Income	34	<MDL	<MDL	8.33	14.9	67.7	84.2
	Mid/High Income	62	<MDL	<MDL	8.80	23.0	45.1	68.0
	Home Children	63	<MDL	<MDL	8.40	23.1	45.1	68.0
	Day Care Children	42	<MDL	4.69	8.33	12.6	67.7	141
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	529	977	4,320	27,500
	Urban	110	<MDL	<MDL	533	1,150	9,380	27,500
	Rural	17	<MDL	<MDL	<MDL	<MDL	1,790	1,790
	Low Income	41	<MDL	<MDL	565	1,150	9,410	21,900
	Mid/High Income	73	<MDL	<MDL	498	976	3,200	27,500
	Home Children	69	<MDL	<MDL	<MDL	789	3,200	27,500
	Day Care Children	58	<MDL	<MDL	642	1,150	9,410	21,900
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	9.46	21.8	73.5	360	2,330
	Urban	99	<MDL	9.80	23.2	84.1	373	2,330
	Rural	16	0.698	7.65	13.4	32.2	107	107
	Low Income	35	<MDL	5.82	10.4	20.2	116	217
	Mid/High Income	67	0.698	10.7	31.6	84.1	382	2,330
	Home Children	62	<MDL	7.97	24.3	62.3	253	2,330
	Day Care Children	53	0.951	10.4	20.2	73.5	360	609
Potential Exposure – Aggregated (pmoles/day)	Overall	95	<MDL	367	638	1,110	9,390	27,500
	Urban	87	<MDL	367	706	1,370	9,390	27,500
	Rural	8	319	374	490	573	632	632
	Low Income	29	<MDL	470	729	1,110	9,430	10,100
	Mid/High Income	57	160	353	638	1,370	3,530	27,500
	Home Children	58	<MDL	357	513	994	3,530	27,500
	Day Care Children	37	213	540	751	1,180	9,430	10,100

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-18c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	105	74.3	0.109	0.146	0.066	0.912
	Urban	96	74.0	0.095	0.111	0.062	0.857
	Rural	9	77.8	0.251	0.323	0.133	1.22
	Low Income	34	70.6	0.102	0.136	0.060	0.951
	Mid/High Income	62	72.6	0.100	0.100	0.068	0.841
	Home Children	63	66.7	0.106	0.104	0.071	0.879
	Day Care Children	42	85.7	0.112	0.194	0.059	0.960
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	54.3	9.19	23.7	4.29	0.961
	Urban	110	59.1	10.0	25.4	4.45	1.01
	Rural	17	23.5	--	--	--	--
	Low Income	41	63.4	12.5	26.0	5.15	1.10
	Mid/High Income	73	54.8	8.35	24.4	4.09	0.930
	Home Children	69	44.9	--	--	--	--
	Day Care Children	58	65.5	10.5	22.1	4.95	1.01
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	99.1	0.528	1.49	0.156	1.53
	Urban	99	99.0	0.585	1.60	0.170	1.55
	Rural	16	100.0	0.172	0.204	0.092	1.27
	Low Income	35	97.1	0.179	0.315	0.072	1.38
	Mid/High Income	67	100.0	0.712	1.91	0.217	1.49
	Home Children	62	98.4	0.633	1.95	0.153	1.64
	Day Care Children	53	100.0	0.405	0.648	0.159	1.40
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	95	98.9	10.1	23.5	5.05	0.963
	Urban	87	98.9	10.7	24.5	5.28	0.990
	Rural	8	100.0	3.31	1.13	3.14	0.360
	Low Income	29	96.6	11.5	17.7	5.76	1.06
	Mid/High Income	57	100.0	10.3	27.6	4.93	0.967
	Home Children	58	98.3	9.70	27.4	4.59	0.939
	Day Care Children	37	100.0	10.7	15.8	5.87	0.994
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	105	74.3	0.491	0.660	0.298	0.912
	Urban	96	74.0	0.430	0.504	0.279	0.857
	Rural	9	77.8	1.14	1.46	0.601	1.22
	Low Income	34	70.6	0.460	0.617	0.270	0.951
	Mid/High Income	62	72.6	0.451	0.452	0.308	0.841
	Home Children	63	66.7	0.481	0.470	0.322	0.879
	Day Care Children	42	85.7	0.506	0.878	0.266	0.960
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	54.3	41.6	107	19.4	0.961
	Urban	110	59.1	45.4	115	20.1	1.01
	Rural	17	23.5	--	--	--	--
	Low Income	41	63.4	56.5	118	23.3	1.10
	Mid/High Income	73	54.8	37.8	111	18.5	0.930
	Home Children	69	44.9	--	--	--	--
	Day Care Children	58	65.5	47.7	00.0	22.4	1.01
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	99.1	2.39	6.76	0.705	1.53
	Urban	99	99.0	2.65	7.25	0.769	1.55
	Rural	16	100.0	0.779	0.924	0.415	1.27
	Low Income	35	97.1	0.809	1.43	0.327	1.38
	Mid/High Income	67	100.0	3.22	8.63	0.981	1.49
	Home Children	62	98.4	2.86	8.80	0.692	1.64
	Day Care Children	53	100.0	1.83	2.93	0.721	1.40
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	95	98.9	45.7	106	22.8	0.963
	Urban	87	98.9	48.5	111	23.9	0.990
	Rural	8	100.0	15.0	5.09	14.2	0.360
	Low Income	29	96.6	52.2	79.9	26.0	1.06
	Mid/High Income	57	100.0	46.5	125	22.3	0.967
	Home Children	58	98.3	43.9	124	20.7	0.939
	Day Care Children	37	100.0	48.6	71.5	26.6	0.994

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-18d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	105	<MDL	<MDL	0.049	0.119	0.395	1.04
	Urban	96	<MDL	<MDL	0.048	0.104	0.357	0.621
	Rural	9	<MDL	0.060	0.130	0.260	1.04	1.04
	Low Income	34	<MDL	<MDL	0.048	0.098	0.469	0.621
	Mid/High Income	62	<MDL	<MDL	0.050	0.130	0.323	0.424
	Home Children	63	<MDL	<MDL	0.050	0.148	0.353	0.424
	Day Care Children	42	<MDL	0.030	0.046	0.086	0.469	1.04
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	3.57	6.27	24.2	209
	Urban	110	<MDL	<MDL	3.61	6.60	38.9	209
	Rural	17	<MDL	<MDL	<MDL	<MDL	8.74	8.74
	Low Income	41	<MDL	<MDL	3.88	6.27	57.3	144
	Mid/High Income	73	<MDL	<MDL	3.16	6.53	20.7	209
	Home Children	69	<MDL	<MDL	<MDL	5.43	20.7	209
	Day Care Children	58	<MDL	<MDL	4.06	7.23	57.3	144
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	0.059	0.149	0.443	1.82	14.2
	Urban	99	<MDL	0.060	0.163	0.477	1.87	14.2
	Rural	16	0.004	0.047	0.077	0.240	0.789	0.789
	Low Income	35	<MDL	0.037	0.065	0.149	0.884	1.51
	Mid/High Income	67	0.004	0.067	0.197	0.477	2.58	14.2
	Home Children	62	<MDL	0.056	0.167	0.397	1.63	14.2
	Day Care Children	53	0.007	0.060	0.104	0.443	1.82	3.71
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	95	<MDL	2.35	4.13	7.48	39.1	210
	Urban	87	<MDL	2.34	4.50	8.21	39.1	210
	Rural	8	1.81	2.44	3.23	4.36	4.66	4.66
	Low Income	29	<MDL	2.79	4.87	6.73	57.4	69.3
	Mid/High Income	57	1.30	2.34	3.96	8.35	24.6	210
	Home Children	58	<MDL	2.34	3.34	6.24	24.6	210
	Day Care Children	37	1.24	2.85	5.08	7.48	57.4	69.3
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	105	<MDL	<MDL	0.224	0.539	1.78	4.72
	Urban	96	<MDL	<MDL	0.216	0.471	1.62	2.81
	Rural	9	<MDL	0.272	0.589	1.18	4.72	4.72
	Low Income	34	<MDL	<MDL	0.219	0.443	2.12	2.81
	Mid/High Income	62	<MDL	<MDL	0.224	0.589	1.46	1.92
	Home Children	63	<MDL	<MDL	0.225	0.669	1.60	1.92
	Day Care Children	42	<MDL	0.136	0.210	0.387	2.12	4.72
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	16.1	28.4	109	945
	Urban	110	<MDL	<MDL	16.3	29.9	176	945
	Rural	17	<MDL	<MDL	<MDL	<MDL	39.5	39.5
	Low Income	41	<MDL	<MDL	17.6	28.4	259	652
	Mid/High Income	73	<MDL	<MDL	14.3	29.5	93.5	945
	Home Children	69	<MDL	<MDL	<MDL	24.6	93.5	945
	Day Care Children	58	<MDL	<MDL	18.4	32.7	259	652
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	0.268	0.676	2.00	8.23	64.1
	Urban	99	<MDL	0.274	0.739	2.16	8.44	64.1
	Rural	16	0.018	0.214	0.348	1.09	3.57	3.57
	Low Income	35	<MDL	0.167	0.294	0.676	4.00	6.82
	Mid/High Income	67	0.018	0.301	0.893	2.16	11.7	64.1
	Home Children	62	<MDL	0.255	0.757	1.79	7.38	64.1
	Day Care Children	53	0.032	0.274	0.471	2.00	8.23	16.8
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	95	<MDL	10.6	18.7	33.8	177	948
	Urban	87	<MDL	10.6	20.4	37.1	177	948
	Rural	8	8.17	11.1	14.6	19.7	21.1	21.1
	Low Income	29	<MDL	12.6	22.0	30.5	260	313
	Mid/High Income	57	5.86	10.6	17.9	37.8	111	948
	Home Children	58	<MDL	10.6	15.1	28.2	111	948
	Day Care Children	37	5.59	12.9	23.0	33.8	260	313

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-19a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	36.8	--	--	--	--
	Urban	108	41.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	64.1	1.11	1.45	0.778	0.692
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	57.1	0.914	1.14	0.706	0.570
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	7.1	--	--	--	--
	Urban	110	8.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	12.2	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	13.8	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	75.7	164	32.8	1.20
	Urban	98	100.0	83.5	176	37.7	1.14
	Rural	17	100.0	30.9	38.3	14.8	1.28
	Low Income	35	100.0	40.2	43.7	25.5	0.991
	Mid/High Income	67	100.0	102	209	39.4	1.34
	Home Children	62	100.0	51.8	115	22.1	1.19
	Day Care Children	53	100.0	104	205	52.2	1.06
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	36.8	--	--	--	--
	Urban	108	41.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	64.1	4.02	5.26	2.81	0.692
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	57.1	3.31	4.11	2.56	0.570
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	7.1	--	--	--	--
	Urban	110	8.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	12.2	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	13.8	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	274	593	119	1.20
	Urban	98	100.0	302	636	136	1.14
	Rural	17	100.0	112	139	53.6	1.28
	Low Income	35	100.0	146	158	92.5	0.991
	Mid/High Income	67	100.0	371	755	143	1.34
	Home Children	62	100.0	187	417	79.8	1.19
	Day Care Children	53	100.0	375	741	189	1.06

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-19b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.790	1.56	7.27
	Urban	108	<MDL	<MDL	<MDL	0.790	1.62	7.27
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.973	0.973
	Low Income	39	<MDL	<MDL	0.597	0.797	5.41	7.27
	Mid/High Income	73	<MDL	<MDL	<MDL	0.787	1.13	2.24
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.05	4.58
	Day Care Children	56	<MDL	<MDL	0.599	0.801	2.79	7.27
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	42.7	1,170
	Urban	110	<MDL	<MDL	<MDL	<MDL	47.6	1,170
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	42.7	538
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	47.6	1,170
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	1,170
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	141	571
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	1.96	14.4	28.3	75.8	313	1,390
	Urban	98	3.91	17.8	33.8	77.0	323	1,390
	Rural	17	1.96	6.66	9.00	26.3	127	127
	Low Income	35	1.96	13.8	22.1	54.9	135	218
	Mid/High Income	67	2.82	14.4	37.0	93.2	329	1,390
	Home Children	62	1.96	9.35	21.3	47.2	148	831
	Day Care Children	53	7.34	25.6	50.8	93.7	329	1,390
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	2.86	5.64	26.3
	Urban	108	<MDL	<MDL	<MDL	2.86	5.87	26.3
	Rural	17	<MDL	<MDL	<MDL	<MDL	3.52	3.52
	Low Income	39	<MDL	<MDL	2.16	2.88	19.6	26.3
	Mid/High Income	73	<MDL	<MDL	<MDL	2.85	4.07	8.12
	Home Children	69	<MDL	<MDL	<MDL	<MDL	3.78	16.6
	Day Care Children	56	<MDL	<MDL	2.17	2.90	10.1	26.3
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	155	4,240
	Urban	110	<MDL	<MDL	<MDL	<MDL	172	4,240
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	155	1,950
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	172	4,240
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	4,240
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	509	2,070
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	7.10	52.0	102	274	1,130	5,050
	Urban	98	14.1	64.4	122	279	1,170	5,050
	Rural	17	7.10	24.1	32.6	95.2	460	460
	Low Income	35	7.10	49.9	80.0	199	490	790
	Mid/High Income	67	10.2	52.0	134	337	1,190	5,050
	Home Children	62	7.10	33.8	76.9	171	534	3,010
	Day Care Children	53	26.6	92.6	184	339	1,190	5,050

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-19c. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	36.8	--	--	--	--
	Urban	108	41.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	64.1	0.033	0.044	0.022	0.760
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	57.1	0.026	0.033	0.019	0.632
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	7.1	--	--	--	--
	Urban	110	8.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	12.2	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	13.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	2.25	4.74	0.946	1.22
	Urban	98	100.0	2.50	5.08	1.09	1.17
	Rural	17	100.0	0.865	1.06	0.427	1.25
	Low Income	35	100.0	1.25	1.56	0.730	1.05
	Mid/High Income	67	100.0	3.04	6.00	1.14	1.35
	Home Children	62	100.0	1.74	4.68	0.659	1.22
	Day Care Children	53	100.0	2.86	4.79	1.44	1.09
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	36.8	--	--	--	--
	Urban	108	41.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	64.1	0.119	0.160	0.079	0.760
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	57.1	0.094	0.119	0.070	0.632
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	7.1	--	--	--	--
	Urban	110	8.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	12.2	--	--	--	--
	Mid/High Income	73	5.5	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	58	13.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	8.16	17.2	3.42	1.22
	Urban	98	100.0	9.03	18.4	3.93	1.17
	Rural	17	100.0	3.13	3.85	1.54	1.25
	Low Income	35	100.0	4.51	5.66	2.64	1.05
	Mid/High Income	67	100.0	11.0	21.7	4.12	1.35
	Home Children	62	100.0	6.30	16.9	2.39	1.22
	Day Care Children	53	100.0	10.3	17.3	5.22	1.09

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-19d. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.024	0.046	0.195
	Urban	108	<MDL	<MDL	<MDL	0.024	0.053	0.195
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.033	0.033
	Low Income	39	<MDL	<MDL	0.019	0.027	0.168	0.195
	Mid/High Income	73	<MDL	<MDL	<MDL	0.022	0.033	0.065
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.033	0.168
	Day Care Children	56	<MDL	<MDL	0.018	0.024	0.093	0.195
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	1.42	28.7
	Urban	110	<MDL	<MDL	<MDL	<MDL	1.74	28.7
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	1.74	18.5
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	1.26	28.7
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	28.7
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	4.55	18.5
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.046	0.368	0.801	2.02	9.53	35.2
	Urban	98	0.113	0.467	0.899	2.20	9.84	35.2
	Rural	17	0.046	0.184	0.288	0.868	3.52	3.52
	Low Income	35	0.046	0.363	0.747	1.47	5.52	7.51
	Mid/High Income	67	0.097	0.368	1.10	2.69	13.7	35.2
	Home Children	62	0.046	0.280	0.605	1.61	4.28	35.2
	Day Care Children	53	0.164	0.692	1.47	2.69	13.7	27.9
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.087	0.168	0.706
	Urban	108	<MDL	<MDL	<MDL	0.087	0.190	0.706
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.121	0.121
	Low Income	39	<MDL	<MDL	0.070	0.099	0.609	0.706
	Mid/High Income	73	<MDL	<MDL	<MDL	0.081	0.121	0.235
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.121	0.609
	Day Care Children	56	<MDL	<MDL	0.066	0.087	0.337	0.706
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	<MDL	5.13	104
	Urban	110	<MDL	<MDL	<MDL	<MDL	6.30	104
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	6.30	67.0
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	4.55	104
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	104
	Day Care Children	58	<MDL	<MDL	<MDL	<MDL	16.5	67.0
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.166	1.33	2.90	7.31	34.5	127
	Urban	98	0.410	1.69	3.25	7.95	35.6	127
	Rural	17	0.166	0.667	1.04	3.14	12.7	12.7
	Low Income	35	0.166	1.31	2.70	5.33	20.0	27.2
	Mid/High Income	67	0.351	1.33	3.98	9.72	49.5	127
	Home Children	62	0.166	1.01	2.19	5.82	15.5	127
	Day Care Children	53	0.593	2.51	5.33	9.72	49.5	101

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-20a. Pentachlorophenol (87-86-5): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	95	94.7	37.2	62.5	18.4	1.19
	Urban	84	94.0	36.4	63.8	17.3	1.23
	Rural	11	100.0	42.7	53.8	29.7	0.773
	Low Income	29	96.6	21.9	21.5	13.8	1.04
	Mid/High Income	58	93.1	43.8	76.2	19.7	1.28
	Home Children	54	96.3	47.0	79.1	22.7	1.17
	Day Care Children	41	92.7	24.2	24.4	13.9	1.18
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	29.9	--	--	--	--
	Urban	110	33.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	21.7	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	98.3	4.61	11.9	1.99	1.17
	Urban	99	98.0	4.85	12.7	1.96	1.22
	Rural	16	100.0	3.09	2.74	2.20	0.846
	Low Income	35	100.0	4.50	11.3	1.89	1.14
	Mid/High Income	67	97.0	3.33	3.42	1.99	1.08
	Home Children	62	96.8	4.90	13.7	2.02	1.19
	Day Care Children	53	100.0	4.27	9.46	1.96	1.16
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	95	94.7	139	235	69.0	1.19
	Urban	84	94.0	137	240	64.8	1.23
	Rural	11	100.0	160	202	111	0.773
	Low Income	29	96.6	82.4	80.6	51.7	1.04
	Mid/High Income	58	93.1	164	286	74.1	1.28
	Home Children	54	96.3	177	297	85.1	1.17
	Day Care Children	41	92.7	90.7	91.5	52.3	1.18
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	29.9	--	--	--	--
	Urban	110	33.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	21.7	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	98.3	17.3	44.6	7.48	1.17
	Urban	99	98.0	18.2	47.8	7.36	1.22
	Rural	16	100.0	11.6	10.3	8.27	0.846
	Low Income	35	100.0	16.9	42.6	7.11	1.14
	Mid/High Income	67	97.0	12.5	12.8	7.48	1.08
	Home Children	62	96.8	18.4	51.3	7.57	1.19
	Day Care Children	53	100.0	16.0	35.5	7.37	1.16

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-20b. Pentachlorophenol (87-86-5): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	95	<MDL	8.05	18.3	34.7	151	493
	Urban	84	<MDL	7.62	18.0	34.7	125	493
	Rural	11	9.78	17.3	26.3	43.8	202	202
	Low Income	29	<MDL	6.54	17.3	33.3	73.5	81.5
	Mid/High Income	58	<MDL	9.21	21.2	39.2	201	493
	Home Children	54	<MDL	10.7	21.4	39.2	201	493
	Day Care Children	41	<MDL	6.54	17.6	33.3	81.5	94.6
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	119	269	476
	Urban	110	<MDL	<MDL	<MDL	120	274	476
	Rural	17	<MDL	<MDL	<MDL	<MDL	133	133
	Low Income	41	<MDL	<MDL	<MDL	121	153	286
	Mid/High Income	73	<MDL	<MDL	<MDL	110	269	476
	Home Children	69	<MDL	<MDL	<MDL	<MDL	353	476
	Day Care Children	58	<MDL	<MDL	<MDL	124	214	274
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	0.936	1.80	4.42	11.9	107
	Urban	99	<MDL	0.802	1.80	4.42	15.8	107
	Rural	16	0.599	1.06	1.90	4.20	10.0	10.0
	Low Income	35	0.190	1.09	1.52	3.88	11.9	67.9
	Mid/High Income	67	<MDL	0.809	1.99	4.69	8.95	16.4
	Home Children	62	<MDL	0.984	1.84	4.40	11.9	107
	Day Care Children	53	0.190	0.827	1.65	4.42	10.0	67.9
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	95	<MDL	30.2	68.7	130	568	1,850
	Urban	84	<MDL	28.6	67.5	130	468	1,850
	Rural	11	36.7	64.8	98.9	164	757	757
	Low Income	29	<MDL	24.6	64.9	125	276	306
	Mid/High Income	58	<MDL	34.6	79.7	147	756	1,850
	Home Children	54	<MDL	40.1	80.5	147	756	1,850
	Day Care Children	41	<MDL	24.6	66.0	125	306	355
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	446	1,010	1,790
	Urban	110	<MDL	<MDL	<MDL	450	1,030	1,790
	Rural	17	<MDL	<MDL	<MDL	<MDL	500	500
	Low Income	41	<MDL	<MDL	<MDL	453	576	1,070
	Mid/High Income	73	<MDL	<MDL	<MDL	413	1,010	1,790
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1,330	1,790
	Day Care Children	58	<MDL	<MDL	<MDL	467	805	1,030
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	3.51	6.74	16.6	44.5	402
	Urban	99	<MDL	3.01	6.74	16.6	59.2	402
	Rural	16	2.25	3.97	7.15	15.8	37.7	37.7
	Low Income	35	0.715	4.07	5.72	14.6	44.5	255
	Mid/High Income	67	<MDL	3.04	7.46	17.6	33.6	61.6
	Home Children	62	<MDL	3.69	6.91	16.5	44.5	402
	Day Care Children	53	0.715	3.11	6.18	16.6	37.7	255

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-20c. Pentachlorophenol (87-86-5): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	95	94.7	1.12	1.99	0.526	1.22
	Urban	84	94.0	1.10	2.02	0.494	1.25
	Rural	11	100.0	1.31	1.89	0.849	0.813
	Low Income	29	96.6	0.695	0.823	0.388	1.13
	Mid/High Income	58	93.1	1.31	2.41	0.569	1.27
	Home Children	54	96.3	1.46	2.52	0.667	1.20
	Day Care Children	41	92.7	0.687	0.764	0.384	1.19
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	29.9	--	--	--	--
	Urban	110	33.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	21.7	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	98.3	0.152	0.479	0.057	1.23
	Urban	99	98.0	0.162	0.515	0.056	1.27
	Rural	16	100.0	0.095	0.093	0.063	0.955
	Low Income	35	100.0	0.155	0.463	0.054	1.21
	Mid/High Income	67	97.0	0.097	0.099	0.057	1.11
	Home Children	62	96.8	0.167	0.553	0.060	1.26
	Day Care Children	53	100.0	0.136	0.380	0.054	1.20
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	95	94.7	4.22	7.48	1.97	1.22
	Urban	84	94.0	4.13	7.57	1.85	1.25
	Rural	11	100.0	4.92	7.09	3.19	0.813
	Low Income	29	96.6	2.61	3.09	1.46	1.13
	Mid/High Income	58	93.1	4.90	9.05	2.14	1.27
	Home Children	54	96.3	5.47	9.45	2.50	1.20
	Day Care Children	41	92.7	2.58	2.87	1.44	1.19
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	29.9	--	--	--	--
	Urban	110	33.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	31.7	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	21.7	--	--	--	--
	Day Care Children	58	39.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	98.3	0.572	1.80	0.215	1.23
	Urban	99	98.0	0.607	1.93	0.212	1.27
	Rural	16	100.0	0.355	0.349	0.236	0.955
	Low Income	35	100.0	0.581	1.74	0.203	1.21
	Mid/High Income	67	97.0	0.364	0.373	0.215	1.11
	Home Children	62	96.8	0.626	2.08	0.226	1.26
	Day Care Children	53	100.0	0.509	1.43	0.204	1.20

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-20d. Pentachlorophenol (87-86-5): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	95	<MDL	0.278	0.576	1.02	4.63	15.5
	Urban	84	<MDL	0.228	0.490	0.993	4.29	15.5
	Rural	11	0.347	0.576	0.755	1.16	6.94	6.94
	Low Income	29	<MDL	0.174	0.468	0.850	2.70	3.33
	Mid/High Income	58	<MDL	0.294	0.604	1.12	6.25	15.5
	Home Children	54	<MDL	0.312	0.616	1.16	6.25	15.5
	Day Care Children	41	<MDL	0.178	0.474	0.850	2.42	3.33
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	3.50	6.58	12.2
	Urban	110	<MDL	<MDL	<MDL	3.48	6.83	12.2
	Rural	17	<MDL	<MDL	<MDL	<MDL	4.89	4.89
	Low Income	41	<MDL	<MDL	<MDL	3.48	4.16	9.27
	Mid/High Income	73	<MDL	<MDL	<MDL	3.50	6.58	12.2
	Home Children	69	<MDL	<MDL	<MDL	<MDL	9.27	12.2
	Day Care Children	58	<MDL	<MDL	<MDL	3.55	5.22	7.94
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	0.023	0.051	0.128	0.435	4.37
	Urban	99	<MDL	0.021	0.051	0.127	0.452	4.37
	Rural	16	0.013	0.033	0.061	0.140	0.369	0.369
	Low Income	35	0.007	0.026	0.048	0.119	0.435	2.77
	Mid/High Income	67	<MDL	0.027	0.061	0.143	0.259	0.457
	Home Children	62	<MDL	0.028	0.058	0.127	0.435	4.37
	Day Care Children	53	0.006	0.021	0.050	0.131	0.369	2.77
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	95	<MDL	1.04	2.16	3.82	17.4	58.2
	Urban	84	<MDL	0.857	1.84	3.73	16.1	58.2
	Rural	11	1.30	2.16	2.84	4.36	26.0	26.0
	Low Income	29	<MDL	0.655	1.76	3.19	10.1	12.5
	Mid/High Income	58	<MDL	1.10	2.27	4.22	23.5	58.2
	Home Children	54	<MDL	1.17	2.31	4.36	23.5	58.2
	Day Care Children	41	<MDL	0.667	1.78	3.19	9.09	12.5
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	13.2	24.7	45.8
	Urban	110	<MDL	<MDL	<MDL	13.1	25.6	45.8
	Rural	17	<MDL	<MDL	<MDL	<MDL	18.4	18.4
	Low Income	41	<MDL	<MDL	<MDL	13.1	15.6	34.8
	Mid/High Income	73	<MDL	<MDL	<MDL	13.2	24.7	45.8
	Home Children	69	<MDL	<MDL	<MDL	<MDL	34.8	45.8
	Day Care Children	58	<MDL	<MDL	<MDL	13.3	19.6	29.8
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	0.085	0.190	0.480	1.63	16.4
	Urban	99	<MDL	0.079	0.190	0.476	1.70	16.4
	Rural	16	0.050	0.125	0.230	0.527	1.38	1.38
	Low Income	35	0.025	0.096	0.181	0.448	1.63	10.4
	Mid/High Income	67	<MDL	0.102	0.228	0.537	0.974	1.72
	Home Children	62	<MDL	0.106	0.217	0.476	1.63	16.4
	Day Care Children	53	0.021	0.079	0.189	0.490	1.38	10.4

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-21a. *cis*-Permethrin (61949-76-6): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	39.2	--	--	--	--
	Urban	108	35.2	--	--	--	--
	Rural	17	64.7	3.12	1.84	2.79	0.444
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	48.2	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	1,160	2,860	97.6	2.02
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	2,940	15,100	109	2.08
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	61.5	139	21.3	1.38
	Urban	99	100.0	51.4	94.3	18.5	1.37
	Rural	17	100.0	120	283	47.9	1.14
	Low Income	35	100.0	64.8	105	22.8	1.46
	Mid/High Income	68	100.0	46.5	85.7	18.8	1.30
	Home Children	63	100.0	41.7	80.5	16.1	1.32
	Day Care Children	53	100.0	85.1	184	29.7	1.38
Potential Exposure – Aggregated (ng/day)	Overall	111	100.0	665	1,960	118	1.46
	Urban	94	100.0	724	2,110	118	1.52
	Rural	17	100.0	338	760	123	1.16
	Low Income	32	100.0	1,460	3,150	195	1.86
	Mid/High Income	67	100.0	252	624	90.7	1.15
	Home Children	62	100.0	312	1,130	80.4	1.17
	Day Care Children	49	100.0	1,110	2,620	193	1.65
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	39.2	--	--	--	--
	Urban	108	35.2	--	--	--	--
	Rural	17	64.7	7.97	4.70	7.12	0.444
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	48.2	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	2,970	7,310	249	2.02
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	7,500	38,700	279	2.08
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	157	355	54.4	1.38
	Urban	99	100.0	131	241	47.4	1.37
	Rural	17	100.0	307	723	122	1.14
	Low Income	35	100.0	166	270	58.3	1.46
	Mid/High Income	68	100.0	119	219	48.0	1.30
	Home Children	63	100.0	107	206	41.2	1.32
	Day Care Children	53	100.0	218	471	75.8	1.38
Potential Exposure – Aggregated (pmoles/day)	Overall	111	100.0	1,700	5,020	303	1.46
	Urban	94	100.0	1,850	5,380	301	1.52
	Rural	17	100.0	865	1,940	313	1.16
	Low Income	32	100.0	3,730	8,050	499	1.86
	Mid/High Income	67	100.0	645	1,600	232	1.15
	Home Children	62	100.0	797	2,880	205	1.17
	Day Care Children	49	100.0	2,840	6,690	494	1.65

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-21b. *cis*-Permethrin (61949-76-6): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	3.09	17.8	32.5
	Urban	108	<MDL	<MDL	<MDL	3.25	19.0	32.5
	Rural	17	<MDL	<MDL	2.26	2.83	8.58	8.58
	Low Income	39	<MDL	<MDL	<MDL	5.48	23.2	32.5
	Mid/High Income	73	<MDL	<MDL	<MDL	2.49	11.1	30.3
	Home Children	69	<MDL	<MDL	<MDL	2.52	6.89	14.3
	Day Care Children	56	<MDL	<MDL	<MDL	5.67	23.2	32.5
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	<MDL	<MDL	<MDL	92.3	4,830	113,000
	Urban	107	<MDL	<MDL	<MDL	102	8,030	113,000
	Rural	17	<MDL	<MDL	<MDL	43.8	2,960	2,960
	Low Income	40	<MDL	<MDL	36.6	248	9,320	9,350
	Mid/High Income	72	<MDL	<MDL	<MDL	88.6	2,960	113,000
	Home Children	68	<MDL	<MDL	<MDL	<MDL	2,900	8,030
	Day Care Children	56	<MDL	<MDL	40.3	276	9,320	113,000
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	1.85	7.84	17.9	52.7	327	1,210
	Urban	99	1.85	6.54	13.6	44.7	327	563
	Rural	17	11.8	29.6	40.5	71.6	1,210	1,210
	Low Income	35	2.19	8.40	21.2	75.6	343	428
	Mid/High Income	68	1.85	7.05	13.9	47.9	181	563
	Home Children	63	1.85	6.07	12.3	44.7	140	563
	Day Care Children	53	2.88	11.6	26.2	59.5	348	1,210
Potential Exposure – Aggregated (ng/day)	Overall	111	18.1	38.8	90.1	167	4,790	9,430
	Urban	94	18.1	37.2	91.4	172	8,080	9,430
	Rural	17	38.6	60.6	84.9	154	3,080	3,080
	Low Income	32	26.7	51.6	109	295	9,390	9,430
	Mid/High Income	67	18.1	35.8	71.8	154	1,380	3,080
	Home Children	62	18.1	34.1	63.8	130	593	8,080
	Day Care Children	49	31.8	55.8	122	316	9,340	9,430
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	7.90	45.4	83.0
	Urban	108	<MDL	<MDL	<MDL	8.31	48.5	83.0
	Rural	17	<MDL	<MDL	5.78	7.22	21.9	21.9
	Low Income	39	<MDL	<MDL	<MDL	14.0	59.4	83.0
	Mid/High Income	73	<MDL	<MDL	<MDL	6.36	28.3	77.4
	Home Children	69	<MDL	<MDL	<MDL	6.44	17.6	36.5
	Day Care Children	56	<MDL	<MDL	<MDL	14.5	59.4	83.0
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	236	12,400	288,000
	Urban	107	<MDL	<MDL	<MDL	262	20,500	288,000
	Rural	17	<MDL	<MDL	<MDL	112	7,570	7,570
	Low Income	40	<MDL	<MDL	93.5	633	23,800	23,900
	Mid/High Income	72	<MDL	<MDL	<MDL	226	7,570	288,000
	Home Children	68	<MDL	<MDL	<MDL	<MDL	7,400	20,500
	Day Care Children	56	<MDL	<MDL	103	705	23,800	288,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	4.72	20.0	45.7	135	837	3,080
	Urban	99	4.72	16.7	34.9	114	837	1,440
	Rural	17	30.0	75.7	103	183	3,080	3,080
	Low Income	35	5.60	21.5	54.1	193	877	1,090
	Mid/High Income	68	4.72	18.0	35.5	123	463	1,440
	Home Children	63	4.72	15.5	31.3	114	358	1,440
	Day Care Children	53	7.36	29.7	67.0	152	890	3,080
Potential Exposure – Aggregated (pmoles/day)	Overall	111	46.3	99.1	230	426	12,200	24,100
	Urban	94	46.3	95.0	234	439	20,600	24,100
	Rural	17	98.8	155	217	394	7,870	7,870
	Low Income	32	68.2	132	278	754	24,000	24,100
	Mid/High Income	67	46.3	91.4	183	394	3,520	7,870
	Home Children	62	46.3	87.1	163	333	1,510	20,600
	Day Care Children	49	81.3	143	311	809	23,900	24,100

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-21c. *cis*-Permethrin (61949-76-6): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	39.2	--	--	--	--
	Urban	108	35.2	--	--	--	--
	Rural	17	64.7	0.086	0.039	0.080	0.371
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	48.2	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	30.0	74.4	2.77	1.98
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	98.4	553	3.00	2.09
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	1.92	4.92	0.614	1.41
	Urban	99	100.0	1.54	2.86	0.534	1.39
	Rural	17	100.0	4.18	10.8	1.38	1.24
	Low Income	35	100.0	2.01	3.44	0.652	1.50
	Mid/High Income	68	100.0	1.36	2.45	0.543	1.33
	Home Children	63	100.0	1.23	2.30	0.481	1.34
	Day Care Children	53	100.0	2.75	6.77	0.819	1.45
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	111	100.0	18.3	54.1	3.40	1.45
	Urban	94	100.0	19.5	57.5	3.37	1.48
	Rural	17	100.0	11.8	28.3	3.53	1.27
	Low Income	32	100.0	37.8	82.0	5.59	1.81
	Mid/High Income	67	100.0	7.11	18.0	2.61	1.13
	Home Children	62	100.0	9.19	36.7	2.39	1.14
	Day Care Children	49	100.0	29.9	68.9	5.30	1.67
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	39.2	--	--	--	--
	Urban	108	35.2	--	--	--	--
	Rural	17	64.7	0.221	0.100	0.205	0.371
	Low Income	39	46.2	--	--	--	--
	Mid/High Income	73	34.2	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	48.2	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	76.7	190	7.08	1.98
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	251	1,410	7.66	2.09
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	4.92	12.6	1.57	1.41
	Urban	99	100.0	3.92	7.32	1.37	1.39
	Rural	17	100.0	10.7	27.7	3.52	1.24
	Low Income	35	100.0	5.14	8.80	1.67	1.50
	Mid/High Income	68	100.0	3.48	6.27	1.39	1.33
	Home Children	63	100.0	3.13	5.87	1.23	1.34
	Day Care Children	53	100.0	7.03	17.3	2.09	1.45
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	111	100.0	46.8	138	8.68	1.45
	Urban	94	100.0	49.8	147	8.62	1.48
	Rural	17	100.0	30.3	72.2	9.02	1.27
	Low Income	32	100.0	96.5	210	14.3	1.81
	Mid/High Income	67	100.0	18.2	46.1	6.67	1.13
	Home Children	62	100.0	23.5	93.8	6.11	1.14
	Day Care Children	49	100.0	76.3	176	13.5	1.67

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-21d. *cis*-Permethrin (61949-76-6): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.099	0.489	1.28
	Urban	108	<MDL	<MDL	<MDL	0.100	0.491	1.28
	Rural	17	<MDL	<MDL	0.072	0.097	0.206	0.206
	Low Income	39	<MDL	<MDL	<MDL	0.128	0.560	1.08
	Mid/High Income	73	<MDL	<MDL	<MDL	0.084	0.348	1.28
	Home Children	69	<MDL	<MDL	<MDL	0.082	0.219	0.491
	Day Care Children	56	<MDL	<MDL	<MDL	0.137	0.565	1.28
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	2.65	150	4,130
	Urban	107	<MDL	<MDL	<MDL	2.89	163	4,130
	Rural	17	<MDL	<MDL	<MDL	1.46	109	109
	Low Income	40	<MDL	<MDL	1.25	7.27	226	311
	Mid/High Income	72	<MDL	<MDL	<MDL	2.22	77.8	4,130
	Home Children	68	<MDL	<MDL	<MDL	<MDL	56.0	276
	Day Care Children	56	<MDL	<MDL	1.35	7.21	258	4,130
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.036	0.238	0.489	1.49	9.58	45.8
	Urban	99	0.036	0.189	0.406	1.40	9.58	15.9
	Rural	17	0.259	0.473	1.17	2.47	45.8	45.8
	Low Income	35	0.060	0.239	0.573	2.21	11.5	13.4
	Mid/High Income	68	0.036	0.205	0.436	1.37	5.25	15.9
	Home Children	63	0.036	0.183	0.386	1.44	3.96	15.9
	Day Care Children	53	0.066	0.340	0.617	2.11	11.5	45.8
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	111	0.531	1.29	2.22	4.71	151	315
	Urban	94	0.531	1.12	2.23	4.67	163	315
	Rural	17	0.877	1.91	2.16	4.71	113	113
	Low Income	32	0.735	1.47	3.16	11.6	259	315
	Mid/High Income	67	0.531	1.02	2.12	4.22	42.2	113
	Home Children	62	0.531	1.06	1.92	3.58	16.7	278
	Day Care Children	49	0.792	1.54	2.84	8.72	194	315
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.252	1.25	3.28
	Urban	108	<MDL	<MDL	<MDL	0.257	1.26	3.28
	Rural	17	<MDL	<MDL	0.185	0.249	0.526	0.526
	Low Income	39	<MDL	<MDL	<MDL	0.326	1.43	2.77
	Mid/High Income	73	<MDL	<MDL	<MDL	0.215	0.890	3.28
	Home Children	69	<MDL	<MDL	<MDL	0.210	0.559	1.26
	Day Care Children	56	<MDL	<MDL	<MDL	0.349	1.44	3.28
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	6.76	383	10,600
	Urban	107	<MDL	<MDL	<MDL	7.40	417	10,600
	Rural	17	<MDL	<MDL	<MDL	3.74	278	278
	Low Income	40	<MDL	<MDL	3.20	18.6	577	795
	Mid/High Income	72	<MDL	<MDL	<MDL	5.67	199	10,600
	Home Children	68	<MDL	<MDL	<MDL	<MDL	143	706
	Day Care Children	56	<MDL	<MDL	3.44	18.4	658	10,600
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.091	0.608	1.25	3.80	24.5	117
	Urban	99	0.091	0.483	1.04	3.57	24.5	40.7
	Rural	17	0.662	1.21	3.00	6.30	117	117
	Low Income	35	0.154	0.612	1.46	5.65	29.3	34.1
	Mid/High Income	68	0.091	0.524	1.11	3.51	13.4	40.7
	Home Children	63	0.091	0.468	0.986	3.68	10.1	40.7
	Day Care Children	53	0.169	0.869	1.58	5.40	29.3	117
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	111	1.36	3.30	5.67	12.0	385	804
	Urban	94	1.36	2.86	5.70	11.9	417	804
	Rural	17	2.24	4.87	5.51	12.0	289	289
	Low Income	32	1.88	3.76	8.07	29.5	661	804
	Mid/High Income	67	1.36	2.61	5.41	10.8	108	289
	Home Children	62	1.36	2.70	4.92	9.15	42.8	711
	Day Care Children	49	2.03	3.93	7.26	22.3	495	804

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-22a. *trans*-Permethrin (61949-77-7): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	34.4	--	--	--	--
	Urban	108	32.4	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	46.4	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	974	2,440	89.2	1.94
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	2,370	12,100	98.6	2.00
Potential Exposure via Indirect Ingestion (ng/day)	Overall	102	100.0	61.2	153	16.6	1.51
	Urban	85	100.0	50.9	112	14.2	1.50
	Rural	17	100.0	113	282	36.6	1.31
	Low Income	28	100.0	66.9	116	18.6	1.62
	Mid/High Income	61	100.0	44.0	106	14.1	1.42
	Home Children	60	100.0	43.3	108	12.7	1.45
	Day Care Children	42	100.0	86.7	200	24.3	1.53
Potential Exposure – Aggregated (ng/day)	Overall	97	100.0	280	784	87.5	1.20
	Urban	80	100.0	284	832	83.9	1.22
	Rural	17	100.0	263	519	106	1.13
	Low Income	25	100.0	250	644	92.7	1.14
	Mid/High Income	60	100.0	218	538	79.4	1.15
	Home Children	59	100.0	277	880	75.4	1.21
	Day Care Children	38	100.0	285	616	110	1.17
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	34.4	--	--	--	--
	Urban	108	32.4	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	46.4	--	--	--	--
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	2,490	6,230	228	1.94
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	6,060	31,000	252	2.00
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	102	100.0	156	392	42.5	1.51
	Urban	85	100.0	130	286	36.2	1.50
	Rural	17	100.0	288	719	93.6	1.31
	Low Income	28	100.0	171	296	47.7	1.62
	Mid/High Income	61	100.0	113	272	35.9	1.42
	Home Children	60	100.0	111	275	32.5	1.45
	Day Care Children	42	100.0	222	511	62.1	1.53
Potential Exposure – Aggregated (pmoles/day)	Overall	97	100.0	716	2,000	224	1.20
	Urban	80	100.0	725	2,130	215	1.22
	Rural	17	100.0	673	1,330	272	1.13
	Low Income	25	100.0	639	1,650	237	1.14
	Mid/High Income	60	100.0	557	1,380	203	1.15
	Home Children	59	100.0	708	2,250	193	1.21
	Day Care Children	38	100.0	727	1,570	282	1.17

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-22b. *trans*-Permethrin (61949-77-7): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	2.21	14.6	40.3
	Urban	108	<MDL	<MDL	<MDL	2.22	16.7	40.3
	Rural	17	<MDL	<MDL	<MDL	2.05	5.71	5.71
	Low Income	39	<MDL	<MDL	<MDL	3.28	23.7	40.3
	Mid/High Income	73	<MDL	<MDL	<MDL	2.05	5.62	31.8
	Home Children	69	<MDL	<MDL	<MDL	<MDL	4.85	14.5
	Day Care Children	56	<MDL	<MDL	<MDL	3.44	23.7	40.3
Potential Exposure via Dietary Ingestion (ng/day)	Overall	124	<MDL	<MDL	<MDL	74.8	4,210	90,100
	Urban	107	<MDL	<MDL	<MDL	93.5	5,750	90,100
	Rural	17	<MDL	<MDL	<MDL	40.1	1,880	1,880
	Low Income	40	<MDL	<MDL	34.8	193	8,020	8,050
	Mid/High Income	72	<MDL	<MDL	<MDL	65.6	2,670	90,100
	Home Children	68	<MDL	<MDL	<MDL	<MDL	2,670	5,750
	Day Care Children	56	<MDL	<MDL	38.6	228	8,020	90,100
Potential Exposure via Indirect Ingestion (ng/day)	Overall	102	1.15	5.29	11.7	45.9	210	1,190
	Urban	85	1.15	4.75	9.81	38.9	210	774
	Rural	17	5.35	18.4	30.1	54.3	1,190	1,190
	Low Income	28	1.79	6.97	9.50	67.1	332	451
	Mid/High Income	61	1.15	4.83	11.4	40.0	160	774
	Home Children	60	1.15	4.61	9.08	31.6	182	774
	Day Care Children	42	2.41	7.40	19.0	61.3	332	1,190
Potential Exposure – Aggregated (ng/day)	Overall	97	17.4	36.6	72.0	146	1,960	5,790
	Urban	80	17.4	31.6	70.4	152	1,760	5,790
	Rural	17	33.1	53.1	80.7	134	1,960	1,960
	Low Income	25	26.0	39.2	82.2	158	833	3,240
	Mid/High Income	60	17.4	31.1	65.1	135	1,380	2,750
	Home Children	59	17.4	29.7	53.1	118	2,680	5,790
	Day Care Children	38	24.3	43.4	83.4	175	1,960	3,240
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	5.65	37.3	103
	Urban	108	<MDL	<MDL	<MDL	5.67	42.6	103
	Rural	17	<MDL	<MDL	<MDL	5.24	14.6	14.6
	Low Income	39	<MDL	<MDL	<MDL	8.39	60.5	103
	Mid/High Income	73	<MDL	<MDL	<MDL	5.24	14.4	81.2
	Home Children	69	<MDL	<MDL	<MDL	<MDL	12.4	37.1
	Day Care Children	56	<MDL	<MDL	<MDL	8.80	60.5	103
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	191	10,700	230,000
	Urban	107	<MDL	<MDL	<MDL	239	14,700	230,000
	Rural	17	<MDL	<MDL	<MDL	102	4,800	4,800
	Low Income	40	<MDL	<MDL	89.0	494	20,500	20,600
	Mid/High Income	72	<MDL	<MDL	<MDL	168	6,830	230,000
	Home Children	68	<MDL	<MDL	<MDL	<MDL	6,830	14,700
	Day Care Children	56	<MDL	<MDL	98.8	582	20,500	230,000
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	102	2.95	13.5	29.8	117	538	3,050
	Urban	85	2.95	12.1	25.1	99.4	538	1,980
	Rural	17	13.7	47.0	76.9	139	3,050	3,050
	Low Income	28	4.58	17.8	24.3	172	849	1,150
	Mid/High Income	61	2.95	12.4	29.1	102	410	1,980
	Home Children	60	2.95	11.8	23.2	80.7	464	1,980
	Day Care Children	42	6.15	18.9	48.6	157	849	3,050
Potential Exposure – Aggregated (pmoles/day)	Overall	97	44.5	93.4	184	373	5,010	14,800
	Urban	80	44.5	80.9	180	388	4,490	14,800
	Rural	17	84.6	136	206	341	5,010	5,010
	Low Income	25	66.4	100	210	403	2,130	8,280
	Mid/High Income	60	44.5	79.6	166	345	3,530	7,020
	Home Children	59	44.5	75.9	136	300	6,850	14,800
	Day Care Children	38	62.0	111	213	448	5,010	8,280

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-22c. *trans*-Permethrin (61949-77-7): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	34.4	--	--	--	--
	Urban	108	32.4	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	46.4	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	25.0	63.0	2.53	1.91
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	79.1	442	2.71	2.02
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	102	100.0	1.91	5.31	0.481	1.53
	Urban	85	100.0	1.51	3.31	0.411	1.51
	Rural	17	100.0	3.93	10.7	1.05	1.40
	Low Income	28	100.0	2.06	3.66	0.547	1.62
	Mid/High Income	61	100.0	1.29	3.04	0.404	1.45
	Home Children	60	100.0	1.26	3.06	0.380	1.46
	Day Care Children	42	100.0	2.84	7.38	0.672	1.58
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	97	100.0	8.39	25.1	2.52	1.20
	Urban	80	100.0	8.23	26.2	2.42	1.20
	Rural	17	100.0	9.15	19.5	3.06	1.25
	Low Income	25	100.0	7.59	20.1	2.73	1.14
	Mid/High Income	60	100.0	5.95	14.2	2.27	1.13
	Home Children	59	100.0	8.00	27.7	2.24	1.17
	Day Care Children	38	100.0	9.01	20.5	3.02	1.25
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	34.4	--	--	--	--
	Urban	108	32.4	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	46.4	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	38.7	--	--	--	--
	Urban	107	40.2	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	40	52.5	64.0	161	6.47	1.91
	Mid/High Income	72	31.9	--	--	--	--
	Home Children	68	23.5	--	--	--	--
	Day Care Children	56	57.1	202	1,130	6.93	2.02
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	102	100.0	4.88	13.6	1.23	1.53
	Urban	85	100.0	3.85	8.46	1.05	1.51
	Rural	17	100.0	10.1	27.4	2.69	1.40
	Low Income	28	100.0	5.28	9.36	1.40	1.62
	Mid/High Income	61	100.0	3.29	7.78	1.03	1.45
	Home Children	60	100.0	3.22	7.83	0.972	1.46
	Day Care Children	42	100.0	7.26	18.9	1.72	1.58
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	97	100.0	21.5	64.0	6.44	1.20
	Urban	80	100.0	21.0	67.0	6.18	1.20
	Rural	17	100.0	23.4	49.7	7.83	1.25
	Low Income	25	100.0	19.4	51.5	6.99	1.14
	Mid/High Income	60	100.0	15.2	36.3	5.80	1.13
	Home Children	59	100.0	20.4	70.9	5.73	1.17
	Day Care Children	38	100.0	23.0	52.5	7.72	1.25

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-22d. *trans*-Permethrin (61949-77-7): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.073	0.402	1.35
	Urban	108	<MDL	<MDL	<MDL	0.073	0.447	1.35
	Rural	17	<MDL	<MDL	<MDL	0.070	0.137	0.137
	Low Income	39	<MDL	<MDL	<MDL	0.097	0.579	1.34
	Mid/High Income	73	<MDL	<MDL	<MDL	0.070	0.167	1.35
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.136	0.499
	Day Care Children	56	<MDL	<MDL	<MDL	0.094	0.587	1.35
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	2.14	108	3,310
	Urban	107	<MDL	<MDL	<MDL	2.45	140	3,310
	Rural	17	<MDL	<MDL	<MDL	1.34	68.9	68.9
	Low Income	40	<MDL	<MDL	1.23	4.80	194	268
	Mid/High Income	72	<MDL	<MDL	<MDL	1.77	68.9	3,310
	Home Children	68	<MDL	<MDL	<MDL	<MDL	53.0	198
	Day Care Children	56	<MDL	<MDL	1.24	5.02	222	3,310
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	102	0.022	0.164	0.341	1.08	6.62	45.3
	Urban	85	0.022	0.132	0.301	0.965	6.62	21.9
	Rural	17	0.118	0.452	0.900	1.87	45.3	45.3
	Low Income	28	0.049	0.225	0.320	1.70	11.1	12.5
	Mid/High Income	61	0.022	0.130	0.322	0.937	4.52	21.9
	Home Children	60	0.022	0.129	0.293	1.01	5.55	21.9
	Day Care Children	42	0.064	0.230	0.496	2.40	11.1	45.3
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	97	0.437	1.07	1.78	4.00	53.1	199
	Urban	80	0.437	1.01	1.64	4.00	37.9	199
	Rural	17	0.729	1.58	2.00	4.00	71.9	71.9
	Low Income	25	0.716	1.23	1.93	4.39	20.4	102
	Mid/High Income	60	0.437	0.927	1.75	3.88	37.9	71.9
	Home Children	59	0.437	0.962	1.67	3.68	53.1	199
	Day Care Children	38	0.668	1.32	1.92	5.74	71.9	102
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.185	1.03	3.44
	Urban	108	<MDL	<MDL	<MDL	0.186	1.14	3.44
	Rural	17	<MDL	<MDL	<MDL	0.179	0.350	0.350
	Low Income	39	<MDL	<MDL	<MDL	0.248	1.48	3.44
	Mid/High Income	73	<MDL	<MDL	<MDL	0.179	0.427	3.44
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.347	1.28
	Day Care Children	56	<MDL	<MDL	<MDL	0.240	1.50	3.44
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	5.48	275	8,450
	Urban	107	<MDL	<MDL	<MDL	6.27	358	8,450
	Rural	17	<MDL	<MDL	<MDL	3.42	176	176
	Low Income	40	<MDL	<MDL	3.15	12.3	496	684
	Mid/High Income	72	<MDL	<MDL	<MDL	4.53	176	8,450
	Home Children	68	<MDL	<MDL	<MDL	<MDL	136	506
	Day Care Children	56	<MDL	<MDL	3.16	12.8	566	8,450
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	102	0.057	0.420	0.871	2.75	16.9	116
	Urban	85	0.057	0.337	0.770	2.47	16.9	55.9
	Rural	17	0.301	1.15	2.30	4.78	116	116
	Low Income	28	0.126	0.576	0.818	4.33	28.4	31.9
	Mid/High Income	61	0.057	0.331	0.822	2.39	11.6	55.9
	Home Children	60	0.057	0.328	0.748	2.58	14.2	55.9
	Day Care Children	42	0.164	0.587	1.27	6.14	28.4	116
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	97	1.12	2.74	4.54	10.2	136	509
	Urban	80	1.12	2.57	4.20	10.2	96.8	509
	Rural	17	1.86	4.04	5.10	10.2	184	184
	Low Income	25	1.83	3.14	4.92	11.2	52.1	260
	Mid/High Income	60	1.12	2.37	4.48	9.92	96.8	184
	Home Children	59	1.12	2.46	4.27	9.40	136	509
	Day Care Children	38	1.71	3.37	4.91	14.7	184	260

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-23a. PCB 52 (35693-99-3): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	122	96.7	4.54	4.61	3.21	0.840
	Urban	105	96.2	4.28	4.21	3.08	0.832
	Rural	17	100.0	6.13	6.54	4.13	0.871
	Low Income	36	100.0	4.43	4.55	3.16	0.822
	Mid/High Income	73	94.5	4.62	4.91	3.16	0.883
	Home Children	69	94.2	4.63	5.53	2.91	0.964
	Day Care Children	53	100.0	4.43	3.08	3.64	0.632
Potential Exposure via Dietary Ingestion (ng/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	71.3	0.469	1.18	0.217	1.08
	Urban	98	67.3	0.495	1.27	0.211	1.13
	Rural	17	94.1	0.324	0.230	0.252	0.755
	Low Income	35	94.3	0.332	0.452	0.205	0.926
	Mid/High Income	67	62.7	0.542	1.45	0.229	1.14
	Home Children	63	55.6	0.499	1.49	0.196	1.15
	Day Care Children	52	90.4	0.433	0.629	0.244	1.00
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	122	96.7	15.6	15.8	11.0	0.840
	Urban	105	96.2	14.7	14.4	10.5	0.832
	Rural	17	100.0	21.0	22.4	14.2	0.871
	Low Income	36	100.0	15.2	15.6	10.8	0.822
	Mid/High Income	73	94.5	15.8	16.8	10.8	0.883
	Home Children	69	94.2	15.9	19.0	9.96	0.964
	Day Care Children	53	100.0	15.2	10.5	12.5	0.632
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	71.3	1.61	4.03	0.742	1.08
	Urban	98	67.3	1.69	4.35	0.723	1.13
	Rural	17	94.1	1.11	0.787	0.862	0.755
	Low Income	35	94.3	1.14	1.55	0.702	0.926
	Mid/High Income	67	62.7	1.86	4.98	0.786	1.14
	Home Children	63	55.6	1.71	5.10	0.672	1.15
	Day Care Children	52	90.4	1.48	2.15	0.837	1.00

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-23b. PCB 52 (35693-99-3): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	122	<MDL	2.02	3.58	5.25	12.2	28.1
	Urban	105	<MDL	1.99	3.65	5.05	9.62	28.1
	Rural	17	1.10	2.43	3.12	6.61	27.1	27.1
	Low Income	36	0.494	1.95	3.62	4.58	18.6	23.1
	Mid/High Income	73	<MDL	1.99	3.46	5.27	12.2	28.1
	Home Children	69	<MDL	1.59	3.18	4.92	18.6	28.1
	Day Care Children	53	0.814	2.50	3.72	5.29	9.82	17.7
Potential Exposure via Dietary Ingestion (ng/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	<MDL	0.228	0.396	1.33	11.5
	Urban	98	<MDL	<MDL	0.204	0.380	1.54	11.5
	Rural	17	<MDL	0.131	0.267	0.399	0.786	0.786
	Low Income	35	<MDL	0.099	0.196	0.347	1.11	2.49
	Mid/High Income	67	<MDL	<MDL	0.251	0.399	1.33	11.5
	Home Children	63	<MDL	<MDL	0.228	0.355	1.11	11.5
	Day Care Children	52	<MDL	0.108	0.219	0.448	1.54	3.57
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	122	<MDL	6.90	12.3	18.0	41.9	96.4
	Urban	105	<MDL	6.83	12.5	17.3	32.9	96.4
	Rural	17	3.76	8.32	10.7	22.6	92.7	92.7
	Low Income	36	1.69	6.69	12.4	15.7	63.9	79.2
	Mid/High Income	73	<MDL	6.83	11.9	18.0	41.9	96.4
	Home Children	69	<MDL	5.45	10.9	16.9	63.9	96.4
	Day Care Children	53	2.79	8.56	12.7	18.1	33.6	60.5
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	<MDL	0.782	1.36	4.56	39.4
	Urban	98	<MDL	<MDL	0.698	1.30	5.27	39.4
	Rural	17	<MDL	0.448	0.913	1.37	2.69	2.69
	Low Income	35	<MDL	0.339	0.670	1.19	3.81	8.53
	Mid/High Income	67	<MDL	<MDL	0.860	1.37	4.56	39.4
	Home Children	63	<MDL	<MDL	0.782	1.21	3.81	39.4
	Day Care Children	52	<MDL	0.370	0.751	1.53	5.27	12.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-23c. PCB 52 (35693-99-3): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	96.7	0.133	0.138	0.092	0.863
	Urban	105	96.2	0.124	0.126	0.088	0.839
	Rural	17	100.0	0.188	0.191	0.119	0.990
	Low Income	36	100.0	0.128	0.127	0.089	0.865
	Mid/High Income	73	94.5	0.134	0.147	0.091	0.876
	Home Children	69	94.2	0.137	0.165	0.086	0.955
	Day Care Children	53	100.0	0.127	0.093	0.100	0.727
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	71.3	0.014	0.039	0.006	1.12
	Urban	98	67.3	0.015	0.042	0.006	1.16
	Rural	17	94.1	0.010	0.008	0.007	0.890
	Low Income	35	94.3	0.010	0.017	0.006	0.994
	Mid/High Income	67	62.7	0.016	0.049	0.007	1.16
	Home Children	63	55.6	0.016	0.050	0.006	1.18
	Day Care Children	52	90.4	0.012	0.018	0.007	1.05
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	96.7	0.455	0.472	0.314	0.863
	Urban	105	96.2	0.424	0.432	0.301	0.839
	Rural	17	100.0	0.645	0.654	0.408	0.990
	Low Income	36	100.0	0.437	0.436	0.304	0.865
	Mid/High Income	73	94.5	0.458	0.503	0.312	0.876
	Home Children	69	94.2	0.470	0.565	0.295	0.955
	Day Care Children	53	100.0	0.435	0.318	0.341	0.727
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	71.3	0.049	0.134	0.021	1.12
	Urban	98	67.3	0.051	0.145	0.021	1.16
	Rural	17	94.1	0.035	0.027	0.025	0.890
	Low Income	35	94.3	0.036	0.060	0.020	0.994
	Mid/High Income	67	62.7	0.056	0.167	0.023	1.16
	Home Children	63	55.6	0.054	0.173	0.020	1.18
	Day Care Children	52	90.4	0.042	0.062	0.023	1.05

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-23d. PCB 52 (35693-99-3): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	122	<MDL	0.054	0.101	0.157	0.373	0.968
	Urban	105	<MDL	0.052	0.101	0.146	0.301	0.968
	Rural	17	0.026	0.063	0.086	0.243	0.693	0.693
	Low Income	36	0.014	0.046	0.100	0.150	0.513	0.592
	Mid/High Income	73	<MDL	0.057	0.098	0.161	0.373	0.968
	Home Children	69	<MDL	0.043	0.100	0.143	0.513	0.968
	Day Care Children	53	0.014	0.062	0.105	0.161	0.339	0.464
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	<MDL	0.006	0.012	0.037	0.396
	Urban	98	<MDL	<MDL	0.006	0.012	0.042	0.396
	Rural	17	<MDL	0.004	0.009	0.012	0.029	0.029
	Low Income	35	<MDL	0.003	0.005	0.010	0.031	0.102
	Mid/High Income	67	<MDL	<MDL	0.007	0.012	0.037	0.396
	Home Children	63	<MDL	<MDL	0.007	0.011	0.031	0.396
	Day Care Children	52	<MDL	0.003	0.006	0.012	0.042	0.102
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	122	<MDL	0.185	0.345	0.539	1.28	3.32
	Urban	105	<MDL	0.179	0.346	0.501	1.03	3.32
	Rural	17	0.091	0.215	0.295	0.831	2.37	2.37
	Low Income	36	0.049	0.159	0.343	0.512	1.76	2.03
	Mid/High Income	73	<MDL	0.196	0.334	0.552	1.28	3.32
	Home Children	69	<MDL	0.148	0.344	0.488	1.76	3.32
	Day Care Children	53	0.049	0.214	0.359	0.552	1.16	1.59
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	<MDL	0.020	0.040	0.125	1.36
	Urban	98	<MDL	<MDL	0.019	0.040	0.145	1.36
	Rural	17	<MDL	0.014	0.029	0.040	0.099	0.099
	Low Income	35	<MDL	0.011	0.018	0.034	0.105	0.348
	Mid/High Income	67	<MDL	<MDL	0.025	0.041	0.125	1.36
	Home Children	63	<MDL	<MDL	0.023	0.038	0.105	1.36
	Day Care Children	52	<MDL	0.010	0.019	0.043	0.145	0.348

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-24a. PCB 95 (38379-99-6): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	81.6	1.59	2.66	0.890	0.966
	Urban	108	79.6	1.56	2.75	0.864	0.965
	Rural	17	94.1	1.79	2.12	1.08	0.980
	Low Income	39	87.2	1.93	3.81	0.895	1.07
	Mid/High Income	73	78.1	1.46	2.03	0.883	0.941
	Home Children	69	71.0	1.45	2.44	0.787	0.982
	Day Care Children	56	94.6	1.77	2.93	1.04	0.932
Potential Exposure via Dietary Ingestion (ng/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	66.1	0.424	1.53	0.170	1.06
	Urban	98	63.3	0.447	1.65	0.164	1.09
	Rural	17	82.4	0.296	0.256	0.208	0.904
	Low Income	35	80.0	0.230	0.277	0.139	0.957
	Mid/High Income	67	61.2	0.531	1.97	0.190	1.08
	Home Children	63	49.2	--	--	--	--
	Day Care Children	52	86.5	0.336	0.640	0.182	0.983
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	81.6	4.88	8.16	2.73	0.966
	Urban	108	79.6	4.78	8.42	2.65	0.965
	Rural	17	94.1	5.50	6.49	3.30	0.980
	Low Income	39	87.2	5.90	11.7	2.74	1.07
	Mid/High Income	73	78.1	4.48	6.22	2.71	0.941
	Home Children	69	71.0	4.44	7.47	2.41	0.982
	Day Care Children	56	94.6	5.42	8.98	3.18	0.932
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	66.1	1.30	4.69	0.521	1.06
	Urban	98	63.3	1.37	5.07	0.503	1.09
	Rural	17	82.4	0.908	0.785	0.636	0.904
	Low Income	35	80.0	0.705	0.848	0.426	0.957
	Mid/High Income	67	61.2	1.63	6.03	0.583	1.08
	Home Children	63	49.2	--	--	--	--
	Day Care Children	52	86.5	1.03	1.96	0.558	0.983

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-24b. PCB 95 (38379-99-6): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	0.393	0.805	1.62	5.75	20.5
	Urban	108	<MDL	0.376	0.811	1.61	4.71	20.5
	Rural	17	<MDL	0.578	0.740	2.07	7.32	7.32
	Low Income	39	<MDL	0.380	0.771	1.61	13.4	20.5
	Mid/High Income	73	<MDL	0.393	0.817	1.73	4.84	13.4
	Home Children	69	<MDL	<MDL	0.767	1.24	5.77	13.4
	Day Care Children	56	<MDL	0.451	0.878	1.94	5.75	20.5
Potential Exposure via Dietary Ingestion (ng/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	<MDL	0.153	0.305	0.899	15.7
	Urban	98	<MDL	<MDL	0.138	0.302	0.899	15.7
	Rural	17	<MDL	0.131	0.171	0.512	0.955	0.955
	Low Income	35	<MDL	0.072	0.104	0.209	0.899	1.17
	Mid/High Income	67	<MDL	<MDL	0.170	0.337	0.665	15.7
	Home Children	63	<MDL	<MDL	<MDL	0.289	0.866	15.7
	Day Care Children	52	<MDL	0.083	0.157	0.491	0.899	4.54
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	1.20	2.47	4.95	17.6	62.9
	Urban	108	<MDL	1.15	2.48	4.94	14.4	62.9
	Rural	17	<MDL	1.77	2.27	6.34	22.4	22.4
	Low Income	39	<MDL	1.16	2.36	4.93	41.0	62.9
	Mid/High Income	73	<MDL	1.20	2.50	5.29	14.8	41.2
	Home Children	69	<MDL	<MDL	2.35	3.78	17.7	41.2
	Day Care Children	56	<MDL	1.38	2.69	5.94	17.6	62.9
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	<MDL	0.469	0.935	2.75	48.2
	Urban	98	<MDL	<MDL	0.424	0.925	2.75	48.2
	Rural	17	<MDL	0.400	0.523	1.57	2.92	2.92
	Low Income	35	<MDL	0.220	0.318	0.641	2.75	3.59
	Mid/High Income	67	<MDL	<MDL	0.522	1.03	2.04	48.2
	Home Children	63	<MDL	<MDL	<MDL	0.885	2.65	48.2
	Day Care Children	52	<MDL	0.253	0.480	1.50	2.75	13.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-24c. PCB 95 (38379-99-6): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	81.6	0.047	0.084	0.025	0.984
	Urban	108	79.6	0.046	0.086	0.025	0.970
	Rural	17	94.1	0.056	0.068	0.031	1.08
	Low Income	39	87.2	0.057	0.119	0.025	1.11
	Mid/High Income	73	78.1	0.042	0.063	0.025	0.928
	Home Children	69	71.0	0.043	0.073	0.023	0.975
	Day Care Children	56	94.6	0.052	0.096	0.028	0.994
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	66.1	0.013	0.051	0.005	1.10
	Urban	98	63.3	0.013	0.055	0.005	1.11
	Rural	17	82.4	0.009	0.009	0.006	1.03
	Low Income	35	80.0	0.007	0.009	0.004	0.997
	Mid/High Income	67	61.2	0.016	0.066	0.005	1.11
	Home Children	63	49.2	--	--	--	--
	Day Care Children	52	86.5	0.009	0.014	0.005	1.03
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	81.6	0.144	0.257	0.078	0.984
	Urban	108	79.6	0.140	0.264	0.076	0.970
	Rural	17	94.1	0.172	0.209	0.095	1.08
	Low Income	39	87.2	0.174	0.366	0.077	1.11
	Mid/High Income	73	78.1	0.130	0.193	0.078	0.928
	Home Children	69	71.0	0.131	0.224	0.071	0.975
	Day Care Children	56	94.6	0.160	0.294	0.087	0.994
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	66.1	0.039	0.157	0.015	1.10
	Urban	98	63.3	0.041	0.170	0.014	1.11
	Rural	17	82.4	0.029	0.029	0.018	1.03
	Low Income	35	80.0	0.021	0.027	0.012	0.997
	Mid/High Income	67	61.2	0.050	0.203	0.017	1.11
	Home Children	63	49.2	--	--	--	--
	Day Care Children	52	86.5	0.028	0.044	0.015	1.03

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-24d. PCB 95 (38379-99-6): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.012	0.025	0.045	0.159	0.685
	Urban	108	<MDL	0.011	0.026	0.044	0.144	0.685
	Rural	17	<MDL	0.014	0.022	0.071	0.219	0.219
	Low Income	39	<MDL	0.010	0.024	0.042	0.343	0.685
	Mid/High Income	73	<MDL	0.012	0.026	0.045	0.158	0.462
	Home Children	69	<MDL	<MDL	0.024	0.037	0.167	0.462
	Day Care Children	56	<MDL	0.013	0.029	0.056	0.158	0.685
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	<MDL	0.004	0.010	0.030	0.542
	Urban	98	<MDL	<MDL	0.004	0.010	0.030	0.542
	Rural	17	<MDL	0.003	0.006	0.013	0.036	0.036
	Low Income	35	<MDL	0.002	0.003	0.006	0.030	0.037
	Mid/High Income	67	<MDL	<MDL	0.005	0.010	0.021	0.542
	Home Children	63	<MDL	<MDL	<MDL	0.009	0.024	0.542
	Day Care Children	52	<MDL	0.002	0.004	0.014	0.036	0.091
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.035	0.078	0.137	0.487	2.10
	Urban	108	<MDL	0.033	0.079	0.133	0.441	2.10
	Rural	17	<MDL	0.044	0.068	0.218	0.669	0.669
	Low Income	39	<MDL	0.032	0.074	0.129	1.05	2.10
	Mid/High Income	73	<MDL	0.038	0.079	0.139	0.485	1.42
	Home Children	69	<MDL	<MDL	0.073	0.114	0.510	1.42
	Day Care Children	56	<MDL	0.038	0.088	0.173	0.485	2.10
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	<MDL	0.013	0.030	0.092	1.66
	Urban	98	<MDL	<MDL	0.012	0.029	0.092	1.66
	Rural	17	<MDL	0.010	0.017	0.040	0.111	0.111
	Low Income	35	<MDL	0.006	0.009	0.019	0.092	0.112
	Mid/High Income	67	<MDL	<MDL	0.015	0.031	0.063	1.66
	Home Children	63	<MDL	<MDL	<MDL	0.028	0.073	1.66
	Day Care Children	52	<MDL	0.007	0.012	0.042	0.111	0.278

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-25a. PCB 101 (37680-73-2): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	71.2	1.58	3.27	0.784	1.05
	Urban	108	67.6	1.57	3.43	0.754	1.06
	Rural	17	94.1	1.68	1.96	1.00	1.01
	Low Income	39	69.2	2.08	5.18	0.779	1.19
	Mid/High Income	73	71.2	1.41	1.94	0.814	1.00
	Home Children	69	58.0	1.30	2.34	0.650	1.03
	Day Care Children	56	87.5	1.93	4.13	0.988	1.04
Potential Exposure via Dietary Ingestion (ng/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	68.7	0.579	2.34	0.199	1.16
	Urban	98	65.3	0.620	2.53	0.192	1.20
	Rural	17	88.2	0.347	0.321	0.240	0.896
	Low Income	35	85.7	0.299	0.372	0.166	1.07
	Mid/High Income	67	62.7	0.734	3.02	0.221	1.18
	Home Children	63	54.0	0.704	3.09	0.190	1.21
	Day Care Children	52	86.5	0.429	0.790	0.210	1.11
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	71.2	4.84	10.0	2.40	1.05
	Urban	108	67.6	4.80	10.5	2.31	1.06
	Rural	17	94.1	5.15	6.00	3.07	1.01
	Low Income	39	69.2	6.36	15.9	2.39	1.19
	Mid/High Income	73	71.2	4.32	5.93	2.49	1.00
	Home Children	69	58.0	3.99	7.18	1.99	1.03
	Day Care Children	56	87.5	5.90	12.6	3.03	1.04
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	68.7	1.78	7.17	0.608	1.16
	Urban	98	65.3	1.90	7.76	0.589	1.20
	Rural	17	88.2	1.06	0.983	0.735	0.896
	Low Income	35	85.7	0.917	1.14	0.508	1.07
	Mid/High Income	67	62.7	2.25	9.25	0.677	1.18
	Home Children	63	54.0	2.16	9.46	0.581	1.21
	Day Care Children	52	86.5	1.31	2.42	0.643	1.11

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-25b. PCB 101 (37680-73-2): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	0.719	1.45	5.19	30.7
	Urban	108	<MDL	<MDL	0.706	1.45	4.41	30.7
	Rural	17	<MDL	0.509	0.746	2.15	6.81	6.81
	Low Income	39	<MDL	<MDL	0.705	1.96	13.0	30.7
	Mid/High Income	73	<MDL	<MDL	0.746	1.45	5.67	12.7
	Home Children	69	<MDL	<MDL	0.516	1.16	5.19	13.0
	Day Care Children	56	<MDL	0.385	0.975	2.13	5.67	30.7
Potential Exposure via Dietary Ingestion (ng/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	<MDL	0.178	0.355	1.22	24.4
	Urban	98	<MDL	<MDL	0.166	0.355	1.34	24.4
	Rural	17	<MDL	0.138	0.179	0.328	1.13	1.13
	Low Income	35	<MDL	0.073	0.143	0.306	1.34	1.38
	Mid/High Income	67	<MDL	<MDL	0.211	0.423	1.12	24.4
	Home Children	63	<MDL	<MDL	0.179	0.355	1.14	24.4
	Day Care Children	52	<MDL	0.087	0.175	0.480	1.22	5.43
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	2.20	4.45	15.9	94.0
	Urban	108	<MDL	<MDL	2.16	4.43	13.5	94.0
	Rural	17	<MDL	1.56	2.29	6.58	20.9	20.9
	Low Income	39	<MDL	<MDL	2.16	5.99	39.9	94.0
	Mid/High Income	73	<MDL	<MDL	2.29	4.45	17.4	38.8
	Home Children	69	<MDL	<MDL	1.58	3.56	15.9	39.9
	Day Care Children	56	<MDL	1.18	2.99	6.54	17.4	94.0
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	<MDL	0.544	1.09	3.74	74.9
	Urban	98	<MDL	<MDL	0.510	1.09	4.10	74.9
	Rural	17	<MDL	0.424	0.549	1.00	3.47	3.47
	Low Income	35	<MDL	0.222	0.440	0.936	4.10	4.23
	Mid/High Income	67	<MDL	<MDL	0.648	1.29	3.42	74.9
	Home Children	63	<MDL	<MDL	0.549	1.09	3.48	74.9
	Day Care Children	52	<MDL	0.265	0.537	1.47	3.74	16.6

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-25c. PCB 101 (37680-73-2): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	71.2	0.047	0.106	0.022	1.07
	Urban	108	67.6	0.046	0.111	0.022	1.06
	Rural	17	94.1	0.053	0.062	0.029	1.14
	Low Income	39	69.2	0.062	0.168	0.022	1.20
	Mid/High Income	73	71.2	0.041	0.061	0.023	1.01
	Home Children	69	58.0	0.039	0.071	0.019	1.03
	Day Care Children	56	87.5	0.057	0.137	0.027	1.09
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	68.7	0.018	0.079	0.006	1.20
	Urban	98	65.3	0.019	0.086	0.006	1.23
	Rural	17	88.2	0.011	0.011	0.007	1.01
	Low Income	35	85.7	0.009	0.012	0.005	1.13
	Mid/High Income	67	62.7	0.023	0.103	0.006	1.19
	Home Children	63	54.0	0.023	0.106	0.006	1.24
	Day Care Children	52	86.5	0.012	0.018	0.006	1.15
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	71.2	0.144	0.324	0.069	1.07
	Urban	108	67.6	0.141	0.340	0.066	1.06
	Rural	17	94.1	0.162	0.190	0.088	1.14
	Low Income	39	69.2	0.190	0.515	0.067	1.20
	Mid/High Income	73	71.2	0.126	0.188	0.072	1.01
	Home Children	69	58.0	0.119	0.216	0.059	1.03
	Day Care Children	56	87.5	0.176	0.420	0.083	1.09
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall						
	Urban						
	Rural						
	Low Income						
	Mid/High Income						
	Home Children						
	Day Care Children						
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	68.7	0.054	0.242	0.017	1.20
	Urban	98	65.3	0.058	0.262	0.017	1.23
	Rural	17	88.2	0.033	0.035	0.021	1.01
	Low Income	35	85.7	0.028	0.036	0.015	1.13
	Mid/High Income	67	62.7	0.069	0.314	0.019	1.19
	Home Children	63	54.0	0.069	0.324	0.017	1.24
	Day Care Children	52	86.5	0.036	0.055	0.018	1.15

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-25d. PCB 101 (37680-73-2): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	0.021	0.044	0.174	1.02
	Urban	108	<MDL	<MDL	0.018	0.041	0.121	1.02
	Rural	17	<MDL	0.014	0.024	0.077	0.179	0.179
	Low Income	39	<MDL	<MDL	0.014	0.039	0.333	1.02
	Mid/High Income	73	<MDL	<MDL	0.021	0.044	0.174	0.436
	Home Children	69	<MDL	<MDL	0.014	0.034	0.174	0.436
	Day Care Children	56	<MDL	0.012	0.028	0.066	0.174	1.02
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	<MDL	0.006	0.011	0.037	0.841
	Urban	98	<MDL	<MDL	0.005	0.011	0.037	0.841
	Rural	17	<MDL	0.004	0.006	0.011	0.043	0.043
	Low Income	35	<MDL	0.002	0.003	0.009	0.035	0.055
	Mid/High Income	67	<MDL	<MDL	0.006	0.011	0.036	0.841
	Home Children	63	<MDL	<MDL	0.006	0.011	0.035	0.841
	Day Care Children	52	<MDL	0.002	0.005	0.014	0.043	0.109
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	0.064	0.134	0.532	3.14
	Urban	108	<MDL	<MDL	0.056	0.127	0.372	3.14
	Rural	17	<MDL	0.044	0.073	0.237	0.547	0.547
	Low Income	39	<MDL	<MDL	0.043	0.119	1.02	3.14
	Mid/High Income	73	<MDL	<MDL	0.066	0.135	0.532	1.34
	Home Children	69	<MDL	<MDL	0.044	0.105	0.534	1.34
	Day Care Children	56	<MDL	0.036	0.087	0.203	0.532	3.14
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall							
	Urban							
	Rural							
	Low Income							
	Mid/High Income							
	Home Children							
	Day Care Children							
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	<MDL	0.018	0.035	0.114	2.58
	Urban	98	<MDL	<MDL	0.016	0.035	0.114	2.58
	Rural	17	<MDL	0.013	0.018	0.033	0.132	0.132
	Low Income	35	<MDL	0.007	0.010	0.028	0.108	0.167
	Mid/High Income	67	<MDL	<MDL	0.019	0.035	0.111	2.58
	Home Children	63	<MDL	<MDL	0.018	0.033	0.108	2.58
	Day Care Children	52	<MDL	0.007	0.015	0.042	0.132	0.333

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-26a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Preschool Children (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	110	100.0	13.4	29.9	6.55	0.997
	Urban	98	100.0	14.4	31.5	6.93	1.03
	Rural	12	100.0	4.74	2.66	4.18	0.531
	Low Income	35	100.0	19.4	30.8	9.36	1.13
	Mid/High Income	62	100.0	7.46	7.15	5.26	0.815
	Home Children	64	100.0	15.9	38.3	6.18	1.12
	Day Care Children	46	100.0	9.86	9.49	7.11	0.795
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	100.0	1,130	1,030	824	0.823
	Urban	110	100.0	1,090	1,000	803	0.816
	Rural	17	100.0	1,360	1,200	981	0.872
	Low Income	41	100.0	978	691	761	0.744
	Mid/High Income	73	100.0	1,210	1,230	839	0.893
	Home Children	69	100.0	1,160	1,230	802	0.890
	Day Care Children	58	100.0	1,080	732	853	0.741
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	4.38	9.42	1.78	1.24
	Urban	99	100.0	4.82	10.1	1.90	1.26
	Rural	17	100.0	1.77	1.16	1.24	1.08
	Low Income	35	100.0	6.33	14.4	2.10	1.38
	Mid/High Income	68	100.0	3.42	5.34	1.66	1.19
	Home Children	63	100.0	3.66	6.73	1.42	1.34
	Day Care Children	53	100.0	5.22	11.9	2.34	1.07
Potential Exposure – Aggregated (ng/day)	Overall	103	100.0	1,180	1,110	852	0.848
	Urban	91	100.0	1,130	1,070	819	0.835
	Rural	12	100.0	1,590	1,330	1,150	0.931
	Low Income	32	100.0	1,070	742	832	0.760
	Mid/High Income	58	100.0	1,250	1,340	836	0.937
	Home Children	58	100.0	1,190	1,310	806	0.898
	Day Care Children	45	100.0	1,180	785	916	0.784
Potential Exposure in OH Preschool Children (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	110	100.0	67.3	151	33.0	0.997
	Urban	98	100.0	72.6	159	34.9	1.03
	Rural	12	100.0	23.9	13.4	21.1	0.531
	Low Income	35	100.0	97.6	155	47.2	1.13
	Mid/High Income	62	100.0	37.6	36.0	26.5	0.815
	Home Children	64	100.0	79.9	193	31.2	1.12
	Day Care Children	46	100.0	49.7	47.8	35.8	0.795
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	100.0	5,680	5,200	4,150	0.823
	Urban	110	100.0	5,500	5,060	4,040	0.816
	Rural	17	100.0	6,840	6,050	4,940	0.872
	Low Income	41	100.0	4,930	3,480	3,840	0.744
	Mid/High Income	73	100.0	6,090	6,200	4,230	0.893
	Home Children	69	100.0	5,870	6,210	4,040	0.890
	Day Care Children	58	100.0	5,460	3,690	4,300	0.741
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	22.1	47.5	8.99	1.24
	Urban	99	100.0	24.3	51.0	9.57	1.26
	Rural	17	100.0	8.92	5.85	6.24	1.08
	Low Income	35	100.0	31.9	72.8	10.6	1.38
	Mid/High Income	68	100.0	17.2	26.9	8.36	1.19
	Home Children	63	100.0	18.5	33.9	7.15	1.34
	Day Care Children	53	100.0	26.3	59.8	11.8	1.07
Potential Exposure – Aggregated (pmoles/day)	Overall	103	100.0	5,970	5,570	4,290	0.848
	Urban	91	100.0	5,690	5,390	4,130	0.835
	Rural	12	100.0	8,030	6,730	5,790	0.931
	Low Income	32	100.0	5,400	3,740	4,190	0.760
	Mid/High Income	58	100.0	6,300	6,750	4,210	0.937
	Home Children	58	100.0	5,980	6,600	4,060	0.898
	Day Care Children	45	100.0	5,950	3,960	4,610	0.784

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table M-26b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Exposure in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Preschool Children (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	110	1.07	3.31	5.10	12.3	49.7	253
	Urban	98	1.07	3.31	5.62	12.8	51.6	253
	Rural	12	1.35	3.30	4.55	5.30	12.1	12.1
	Low Income	35	1.37	3.95	7.08	14.1	113	143
	Mid/High Income	62	1.07	2.74	4.36	10.9	20.4	37.6
	Home Children	64	1.07	2.83	4.31	11.0	55.3	253
	Day Care Children	46	1.37	4.01	6.06	12.5	29.7	49.7
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	100	474	858	1,470	2,610	8,680
	Urban	110	100	474	841	1,470	2,610	8,680
	Rural	17	127	525	1,210	1,700	5,250	5,250
	Low Income	41	132	431	782	1,340	2,550	2,920
	Mid/High Income	73	100	485	860	1,500	2,900	8,680
	Home Children	69	100	443	860	1,570	2,610	8,680
	Day Care Children	58	118	527	846	1,460	2,900	2,990
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	0.102	0.830	1.64	3.62	16.6	64.2
	Urban	99	0.147	0.825	1.59	4.65	27.0	64.2
	Rural	17	0.102	0.966	1.70	2.73	4.37	4.37
	Low Income	35	0.108	0.825	2.11	4.95	61.9	64.2
	Mid/High Income	68	0.102	0.733	1.58	3.14	13.4	28.3
	Home Children	63	0.102	0.569	1.28	3.19	16.6	34.5
	Day Care Children	53	0.463	1.04	2.20	4.37	12.6	64.2
Potential Exposure – Aggregated (ng/day)	Overall	103	103	488	930	1,500	2,610	8,700
	Urban	91	103	487	865	1,490	2,610	8,700
	Rural	12	141	768	1,370	1,930	5,250	5,250
	Low Income	32	146	485	880	1,450	2,610	2,920
	Mid/High Income	58	103	451	940	1,500	3,000	8,700
	Home Children	58	103	451	873	1,580	2,610	8,700
	Day Care Children	45	124	579	1,050	1,490	2,910	3,000
Potential Exposure in OH Preschool Children (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	110	5.38	16.7	25.7	62.1	251	1,280
	Urban	98	5.38	16.7	28.3	64.3	260	1,280
	Rural	12	6.81	16.6	22.9	26.7	60.9	60.9
	Low Income	35	6.89	19.9	35.7	71.2	570	721
	Mid/High Income	62	5.38	13.8	21.9	55.0	103	190
	Home Children	64	5.38	14.3	21.7	55.5	278	1,280
	Day Care Children	46	6.89	20.2	30.6	62.9	150	251
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	506	2,390	4,320	7,430	13,100	43,700
	Urban	110	506	2,390	4,240	7,390	13,100	43,700
	Rural	17	639	2,650	6,120	8,570	26,400	26,400
	Low Income	41	667	2,170	3,940	6,770	12,800	14,700
	Mid/High Income	73	506	2,440	4,330	7,550	14,600	43,700
	Home Children	69	506	2,230	4,330	7,930	13,100	43,700
	Day Care Children	58	593	2,650	4,260	7,350	14,600	15,100
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	0.514	4.18	8.24	18.2	83.7	323
	Urban	99	0.740	4.16	8.02	23.4	136	323
	Rural	17	0.514	4.87	8.59	13.8	22.0	22.0
	Low Income	35	0.543	4.16	10.6	25.0	312	323
	Mid/High Income	68	0.514	3.70	7.98	15.8	67.3	143
	Home Children	63	0.514	2.87	6.43	16.1	83.7	174
	Day Care Children	53	2.33	5.26	11.1	22.0	63.3	323
Potential Exposure – Aggregated (pmoles/day)	Overall	103	517	2,460	4,690	7,570	13,200	43,800
	Urban	91	517	2,450	4,360	7,510	13,200	43,800
	Rural	12	708	3,870	6,920	9,710	26,500	26,500
	Low Income	32	733	2,450	4,440	7,310	13,200	14,700
	Mid/High Income	58	517	2,270	4,740	7,570	15,100	43,800
	Home Children	58	517	2,270	4,400	7,950	13,200	43,800
	Day Care Children	45	625	2,920	5,310	7,510	14,700	15,100

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table M-26c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	110	100.0	0.433	1.16	0.188	1.03
	Urban	98	100.0	0.468	1.22	0.198	1.07
	Rural	12	100.0	0.145	0.098	0.122	0.609
	Low Income	35	100.0	0.625	1.09	0.266	1.21
	Mid/High Income	62	100.0	0.211	0.202	0.151	0.793
	Home Children	64	100.0	0.547	1.50	0.183	1.18
	Day Care Children	46	100.0	0.274	0.274	0.194	0.806
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	100.0	32.5	30.7	23.6	0.816
	Urban	110	100.0	31.5	28.9	23.0	0.813
	Rural	17	100.0	39.4	41.1	28.2	0.834
	Low Income	41	100.0	27.4	19.8	21.5	0.723
	Mid/High Income	73	100.0	35.2	36.7	24.2	0.886
	Home Children	69	100.0	34.4	36.2	23.8	0.873
	Day Care Children	58	100.0	30.3	22.7	23.5	0.749
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	0.141	0.346	0.051	1.29
	Urban	99	100.0	0.156	0.372	0.055	1.31
	Rural	17	100.0	0.053	0.039	0.036	1.13
	Low Income	35	100.0	0.216	0.540	0.060	1.47
	Mid/High Income	68	100.0	0.101	0.165	0.048	1.20
	Home Children	63	100.0	0.119	0.239	0.042	1.38
	Day Care Children	53	100.0	0.167	0.441	0.065	1.13
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	103	100.0	34.1	32.9	24.4	0.838
	Urban	91	100.0	32.4	30.6	23.4	0.828
	Rural	12	100.0	47.1	46.9	33.6	0.883
	Low Income	32	100.0	30.0	21.6	23.4	0.740
	Mid/High Income	58	100.0	36.2	39.7	24.1	0.922
	Home Children	58	100.0	35.3	38.2	24.1	0.881
	Day Care Children	45	100.0	32.7	24.8	24.9	0.789
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	110	100.0	2.18	5.84	0.946	1.03
	Urban	98	100.0	2.36	6.17	0.997	1.07
	Rural	12	100.0	0.732	0.494	0.616	0.609
	Low Income	35	100.0	3.15	5.50	1.34	1.21
	Mid/High Income	62	100.0	1.06	1.02	0.760	0.793
	Home Children	64	100.0	2.75	7.54	0.924	1.18
	Day Care Children	46	100.0	1.38	1.38	0.977	0.806
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	100.0	164	155	119	0.816
	Urban	110	100.0	159	146	116	0.813
	Rural	17	100.0	199	207	142	0.834
	Low Income	41	100.0	138	99.6	108	0.723
	Mid/High Income	73	100.0	177	185	122	0.886
	Home Children	69	100.0	173	183	120	0.873
	Day Care Children	58	100.0	153	114	118	0.749
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	0.712	1.74	0.259	1.29
	Urban	99	100.0	0.788	1.87	0.276	1.31
	Rural	17	100.0	0.267	0.195	0.180	1.13
	Low Income	35	100.0	1.09	2.72	0.303	1.47
	Mid/High Income	68	100.0	0.507	0.830	0.241	1.20
	Home Children	63	100.0	0.602	1.21	0.213	1.38
	Day Care Children	53	100.0	0.842	2.22	0.326	1.13
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	103	100.0	172	166	123	0.838
	Urban	91	100.0	163	154	118	0.828
	Rural	12	100.0	237	236	169	0.883
	Low Income	32	100.0	151	109	118	0.740
	Mid/High Income	58	100.0	183	200	122	0.922
	Home Children	58	100.0	178	193	121	0.881
	Day Care Children	45	100.0	165	125	125	0.789

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table M-26d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Absorbed Dose in OH Preschool Children, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Preschool Children (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	110	0.037	0.095	0.139	0.335	1.30	10.3
	Urban	98	0.037	0.095	0.147	0.359	1.78	10.3
	Rural	12	0.048	0.081	0.129	0.163	0.416	0.416
	Low Income	35	0.047	0.108	0.220	0.441	4.15	4.92
	Mid/High Income	62	0.037	0.083	0.125	0.304	0.561	1.18
	Home Children	64	0.037	0.085	0.125	0.373	2.03	10.3
	Day Care Children	46	0.047	0.110	0.159	0.325	0.880	1.30
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	3.25	13.9	25.3	40.9	75.7	228
	Urban	110	3.25	13.8	25.0	41.2	75.7	228
	Rural	17	4.36	14.8	34.2	40.5	186	186
	Low Income	41	3.47	13.8	21.1	36.2	70.2	84.6
	Mid/High Income	73	3.25	14.3	26.7	41.2	91.0	228
	Home Children	69	3.25	12.5	26.3	41.2	75.7	228
	Day Care Children	58	3.47	14.6	25.3	40.5	84.6	123
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.003	0.021	0.049	0.104	0.725	2.52
	Urban	99	0.005	0.021	0.048	0.116	0.762	2.52
	Rural	17	0.003	0.031	0.057	0.072	0.160	0.160
	Low Income	35	0.003	0.020	0.061	0.155	2.14	2.52
	Mid/High Income	68	0.004	0.021	0.049	0.096	0.398	0.848
	Home Children	63	0.003	0.017	0.037	0.098	0.725	1.41
	Day Care Children	53	0.010	0.029	0.061	0.107	0.346	2.52
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	103	3.32	15.2	25.4	42.3	80.3	228
	Urban	91	3.32	14.8	24.2	42.3	80.3	228
	Rural	12	4.84	24.6	37.2	48.6	186	186
	Low Income	32	3.82	15.1	22.2	41.2	80.3	84.8
	Mid/High Income	58	3.32	14.7	27.5	41.4	123	228
	Home Children	58	3.32	14.8	26.0	41.4	80.3	228
	Day Care Children	45	3.79	15.3	25.4	42.3	84.8	123
Potential Absorbed Dose in OH Preschool Children (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	110	0.184	0.476	0.701	1.69	6.57	52.1
	Urban	98	0.184	0.476	0.742	1.81	8.96	52.1
	Rural	12	0.242	0.410	0.652	0.823	2.10	2.10
	Low Income	35	0.237	0.546	1.11	2.22	20.9	24.8
	Mid/High Income	62	0.184	0.421	0.627	1.53	2.83	5.96
	Home Children	64	0.184	0.427	0.627	1.88	10.2	52.1
	Day Care Children	46	0.237	0.556	0.802	1.64	4.43	6.57
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	16.4	70.0	127	206	381	1,150
	Urban	110	16.4	69.6	126	208	381	1,150
	Rural	17	22.0	74.7	173	204	939	939
	Low Income	41	17.5	69.3	107	182	354	427
	Mid/High Income	73	16.4	72.0	135	208	459	1,150
	Home Children	69	16.4	63.0	133	208	381	1,150
	Day Care Children	58	17.5	73.6	127	204	427	619
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.013	0.107	0.245	0.525	3.65	12.7
	Urban	99	0.024	0.107	0.241	0.584	3.84	12.7
	Rural	17	0.013	0.155	0.288	0.361	0.809	0.809
	Low Income	35	0.013	0.101	0.308	0.779	10.8	12.7
	Mid/High Income	68	0.018	0.105	0.245	0.484	2.00	4.27
	Home Children	63	0.013	0.085	0.186	0.492	3.65	7.08
	Day Care Children	53	0.051	0.147	0.309	0.539	1.74	12.7
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	103	16.7	76.5	128	213	405	1,150
	Urban	91	16.7	74.4	122	213	405	1,150
	Rural	12	24.4	124	188	245	940	940
	Low Income	32	19.2	76.3	112	207	405	427
	Mid/High Income	58	16.7	73.9	139	208	621	1,150
	Home Children	58	16.7	74.4	131	208	405	1,150
	Day Care Children	45	19.1	77.3	128	213	427	621

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Appendix N

Descriptive Statistics of Potential Exposure Level and Potential Absorbed Dose Estimates for Target Pollutants in Participating NC Adults

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This appendix contains tables of descriptive statistics of potential exposure and potential absorbed dose estimates (expressed in both ng and pmole units) in NC adults for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers for Potential Exposure Summaries	Table Numbers for Potential Absorbed Dose Summaries
Benz[*a*]anthracene	Tables N-1a, N-1b	Tables N-1a, N-1b
Benzo[*b*]fluoranthene	Tables N-2a, N-2b	Tables N-2a, N-2b
Benzo[*k*]fluoranthene	Tables N-3a, N-3b	Tables N-3a, N-3b
Benzo[*ghi*]perylene	Tables N-4a, N-4b	Tables N-4a, N-4b
Benzo[*a*]pyrene	Tables N-5a, N-5b	Tables N-5a, N-5b
Benzo[*e*]pyrene	Tables N-6a, N-6b	Tables N-6a, N-6b
Benzylbutylphthalate	Tables N-7a, N-7b	Tables N-7a, N-7b
Bisphenol-A	Tables N-8a, N-8b	Tables N-8a, N-8b
alpha-Chlordane	Tables N-9a, N-9b	Tables N-9a, N-9b
gamma-Chlordane	Tables N-10a, N-10b	Tables N-10a, N-10b
Chlorpyrifos	Tables N-11a, N-11b	Tables N-11a, N-11b
Chrysene	Tables N-12a, N-12b	Tables N-12a, N-12b
Cyfluthrin	Tables N-13a, N-13b	Tables N-13a, N-13b
Diazinon	Tables N-14a, N-14b	Tables N-14a, N-14b
Dibenzo[*a,h*]anthracene	Tables N-15a, N-15b	Tables N-15a, N-15b
Di-*n*-butylphthalate	Tables N-16a, N-16b	Tables N-16a, N-16b
p,p'-DDE	Tables N-17a, N-17b	Tables N-17a, N-17b
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables N-18a, N-18b	Tables N-18c, N-18d
Heptachlor	Tables N-19a, N-19b	Tables N-19a, N-19b
Indeno[1,2,3-*cd*]pyrene	Tables N-20a, N-20b	Tables N-20a, N-20b
Pentachlorophenol	Tables N-21a, N-21b	Tables N-21c, N-21d
cis-Permethrin	Tables N-22a, N-22b	Tables N-22a, N-22b
trans-Permethrin	Tables N-23a, N-23b	Tables N-23a, N-23b
PCB 52	Tables N-24a, N-24b	Tables N-24a, N-24b
PCB 95	Tables N-25a, N-25b	Tables N-25a, N-25b
PCB 101	Tables N-26a, N-26b	Tables N-26a, N-26b
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables N-27a, N-27b	Tables N-27c, N-27d

Descriptive statistics are presented separately for the following groups of NC adult participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Caregivers of stay-at-home children
- Caregivers of day care children

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Table N-1a. Benz[*a*]anthracene (56-55-3): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	64.3	2.06	3.50	1.30	0.796
	Urban	105	67.6	2.18	3.70	1.36	0.815
	Rural	21	47.6	--	--	--	--
	Low Income	57	66.7	2.20	2.69	1.49	0.791
	Mid/High Income	65	61.5	1.88	4.07	1.15	0.762
	Home Children	65	69.2	2.68	4.67	1.48	0.924
	Day Care Children	61	59.0	1.41	1.17	1.13	0.608
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	8.37	22.0	3.24	1.14
	Urban	96	100.0	6.40	11.4	3.19	1.05
	Rural	21	100.0	17.4	45.5	3.48	1.50
	Low Income	52	100.0	5.37	11.7	2.43	1.05
	Mid/High Income	61	100.0	11.4	28.2	4.32	1.17
	Home Children	62	100.0	5.96	11.3	3.13	0.993
	Day Care Children	55	100.0	11.1	29.6	3.37	1.29
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	64.3	9.04	15.3	5.70	0.796
	Urban	105	67.6	9.53	16.2	5.94	0.815
	Rural	21	47.6	--	--	--	--
	Low Income	57	66.7	9.66	11.8	6.51	0.791
	Mid/High Income	65	61.5	8.22	17.8	5.03	0.762
	Home Children	65	69.2	11.7	20.5	6.50	0.924
	Day Care Children	61	59.0	6.17	5.12	4.96	0.608
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	36.7	96.2	14.2	1.14
	Urban	96	100.0	28.1	50.2	14.0	1.05
	Rural	21	100.0	76.0	199	15.2	1.50
	Low Income	52	100.0	23.5	51.1	10.7	1.05
	Mid/High Income	61	100.0	49.7	124	18.9	1.17
	Home Children	62	100.0	26.1	49.7	13.7	0.993
	Day Care Children	55	100.0	48.5	130	14.8	1.29
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	64.3	0.015	0.028	0.009	0.850
	Urban	105	67.6	0.016	0.029	0.009	0.866
	Rural	21	47.6	--	--	--	--
	Low Income	57	66.7	0.015	0.022	0.009	0.876
	Mid/High Income	65	61.5	0.014	0.033	0.008	0.813
	Home Children	65	69.2	0.020	0.038	0.011	0.976
	Day Care Children	61	59.0	0.009	0.008	0.007	0.635
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.055	0.132	0.022	1.14
	Urban	96	100.0	0.043	0.080	0.022	1.04
	Rural	21	100.0	0.108	0.259	0.023	1.54
	Low Income	52	100.0	0.034	0.077	0.015	1.04
	Mid/High Income	61	100.0	0.075	0.166	0.031	1.15
	Home Children	62	100.0	0.045	0.090	0.022	1.02
	Day Care Children	55	100.0	0.066	0.167	0.021	1.27
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	64.3	0.065	0.123	0.038	0.850
	Urban	105	67.6	0.069	0.129	0.040	0.866
	Rural	21	47.6	--	--	--	--
	Low Income	57	66.7	0.066	0.094	0.040	0.876
	Mid/High Income	65	61.5	0.063	0.145	0.036	0.813
	Home Children	65	69.2	0.090	0.165	0.047	0.976
	Day Care Children	61	59.0	0.039	0.036	0.031	0.635
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.240	0.578	0.096	1.14
	Urban	96	100.0	0.189	0.349	0.095	1.04
	Rural	21	100.0	0.474	1.14	0.099	1.54
	Low Income	52	100.0	0.149	0.339	0.067	1.04
	Mid/High Income	61	100.0	0.330	0.729	0.135	1.15
	Home Children	62	100.0	0.196	0.393	0.098	1.02
	Day Care Children	55	100.0	0.290	0.734	0.094	1.27

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-1b. Benz[*a*]anthracene (56-55-3): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	0.967	2.08	6.04	32.6
	Urban	105	<MDL	<MDL	1.00	2.24	6.04	32.6
	Rural	21	<MDL	<MDL	<MDL	1.20	2.48	10.9
	Low Income	57	<MDL	<MDL	1.16	2.28	10.9	13.0
	Mid/High Income	65	<MDL	<MDL	0.748	1.69	5.40	32.6
	Home Children	65	<MDL	<MDL	1.00	2.46	10.9	32.6
	Day Care Children	61	<MDL	<MDL	0.967	1.64	4.08	6.09
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.480	1.48	2.80	5.12	43.7	195
	Urban	96	0.480	1.54	2.95	5.34	25.1	65.2
	Rural	21	0.694	1.46	2.36	4.79	94.4	195
	Low Income	52	0.480	1.25	2.10	3.71	18.6	65.2
	Mid/High Income	61	0.616	1.83	3.61	7.81	43.7	195
	Home Children	62	0.541	1.70	2.95	4.88	15.7	65.2
	Day Care Children	55	0.480	1.42	2.32	6.20	54.8	195
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	4.24	9.12	26.5	143
	Urban	105	<MDL	<MDL	4.39	9.83	26.5	143
	Rural	21	<MDL	<MDL	<MDL	5.25	10.8	47.8
	Low Income	57	<MDL	<MDL	5.09	9.98	47.8	56.8
	Mid/High Income	65	<MDL	<MDL	3.28	7.42	23.7	143
	Home Children	65	<MDL	<MDL	4.39	10.8	47.8	143
	Day Care Children	61	<MDL	<MDL	4.24	7.17	17.9	26.7
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	2.10	6.49	12.2	22.4	191	852
	Urban	96	2.10	6.73	12.9	23.4	110	286
	Rural	21	3.04	6.40	10.4	21.0	414	852
	Low Income	52	2.10	5.48	9.22	16.3	81.3	286
	Mid/High Income	61	2.70	8.02	15.8	34.2	191	852
	Home Children	62	2.37	7.44	12.9	21.4	68.7	286
	Day Care Children	55	2.10	6.22	10.2	27.2	240	852
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.007	0.013	0.052	0.262
	Urban	105	<MDL	<MDL	0.007	0.014	0.052	0.262
	Rural	21	<MDL	<MDL	<MDL	0.008	0.018	0.098
	Low Income	57	<MDL	<MDL	0.007	0.014	0.091	0.102
	Mid/High Income	65	<MDL	<MDL	0.006	0.013	0.046	0.262
	Home Children	65	<MDL	<MDL	0.007	0.018	0.091	0.262
	Day Care Children	61	<MDL	<MDL	0.006	0.010	0.022	0.043
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.002	0.010	0.018	0.036	0.255	1.05
	Urban	96	0.002	0.011	0.018	0.038	0.176	0.513
	Rural	21	0.005	0.008	0.014	0.034	0.650	1.05
	Low Income	52	0.002	0.008	0.013	0.021	0.116	0.469
	Mid/High Income	61	0.004	0.013	0.022	0.058	0.255	1.05
	Home Children	62	0.002	0.012	0.019	0.034	0.096	0.513
	Day Care Children	55	0.003	0.010	0.014	0.045	0.319	1.05
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.029	0.059	0.230	1.15
	Urban	105	<MDL	<MDL	0.030	0.060	0.230	1.15
	Rural	21	<MDL	<MDL	<MDL	0.034	0.080	0.428
	Low Income	57	<MDL	<MDL	0.031	0.063	0.398	0.449
	Mid/High Income	65	<MDL	<MDL	0.027	0.056	0.200	1.15
	Home Children	65	<MDL	<MDL	0.031	0.080	0.398	1.15
	Day Care Children	61	<MDL	<MDL	0.027	0.043	0.098	0.187
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.011	0.045	0.080	0.158	1.12	4.58
	Urban	96	0.011	0.047	0.080	0.168	0.772	2.25
	Rural	21	0.021	0.036	0.060	0.148	2.85	4.58
	Low Income	52	0.011	0.033	0.057	0.093	0.509	2.06
	Mid/High Income	61	0.016	0.058	0.098	0.256	1.12	4.58
	Home Children	62	0.011	0.052	0.083	0.151	0.421	2.25
	Day Care Children	55	0.012	0.042	0.060	0.199	1.40	4.58

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-2a. Benzo[*b*]fluoranthene (205-99-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	78.6	2.81	2.97	1.95	0.808
	Urban	105	78.1	2.93	3.12	2.00	0.828
	Rural	21	81.0	2.21	1.94	1.69	0.704
	Low Income	57	89.5	3.44	3.01	2.52	0.782
	Mid/High Income	65	67.7	2.30	2.93	1.54	0.788
	Home Children	65	75.4	2.91	3.48	1.86	0.880
	Day Care Children	61	82.0	2.71	2.32	2.04	0.729
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	23.0	66.0	8.44	1.15
	Urban	96	100.0	16.2	29.4	8.27	1.06
	Rural	21	100.0	54.2	141	9.27	1.55
	Low Income	52	100.0	15.4	34.5	6.59	1.11
	Mid/High Income	61	100.0	30.8	85.4	11.0	1.16
	Home Children	62	100.0	13.1	23.1	7.66	0.950
	Day Care Children	55	100.0	34.2	92.3	9.42	1.35
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	78.6	11.1	11.8	7.72	0.808
	Urban	105	78.1	11.6	12.4	7.93	0.828
	Rural	21	81.0	8.74	7.70	6.71	0.704
	Low Income	57	89.5	13.6	11.9	9.97	0.782
	Mid/High Income	65	67.7	9.10	11.6	6.12	0.788
	Home Children	65	75.4	11.5	13.8	7.39	0.880
	Day Care Children	61	82.0	10.7	9.18	8.08	0.729
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	91.3	262	33.5	1.15
	Urban	96	100.0	64.3	116	32.8	1.06
	Rural	21	100.0	215	560	36.7	1.55
	Low Income	52	100.0	61.1	137	26.1	1.11
	Mid/High Income	61	100.0	122	338	43.5	1.16
	Home Children	62	100.0	52.1	91.5	30.4	0.950
	Day Care Children	55	100.0	136	366	37.3	1.35
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	78.6	0.019	0.021	0.013	0.834
	Urban	105	78.1	0.020	0.022	0.013	0.858
	Rural	21	81.0	0.015	0.016	0.011	0.691
	Low Income	57	89.5	0.022	0.022	0.016	0.832
	Mid/High Income	65	67.7	0.017	0.021	0.011	0.827
	Home Children	65	75.4	0.021	0.026	0.013	0.911
	Day Care Children	61	82.0	0.017	0.015	0.013	0.749
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.149	0.404	0.057	1.15
	Urban	96	100.0	0.107	0.186	0.056	1.03
	Rural	21	100.0	0.345	0.858	0.060	1.63
	Low Income	52	100.0	0.098	0.222	0.041	1.11
	Mid/High Income	61	100.0	0.201	0.518	0.078	1.13
	Home Children	62	100.0	0.097	0.174	0.055	0.961
	Day Care Children	55	100.0	0.209	0.557	0.060	1.34
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	78.6	0.076	0.084	0.052	0.834
	Urban	105	78.1	0.080	0.087	0.053	0.858
	Rural	21	81.0	0.059	0.065	0.044	0.691
	Low Income	57	89.5	0.088	0.086	0.062	0.832
	Mid/High Income	65	67.7	0.066	0.084	0.044	0.827
	Home Children	65	75.4	0.084	0.102	0.053	0.911
	Day Care Children	61	82.0	0.068	0.059	0.050	0.749
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.592	1.60	0.226	1.15
	Urban	96	100.0	0.422	0.736	0.223	1.03
	Rural	21	100.0	1.37	3.40	0.240	1.63
	Low Income	52	100.0	0.387	0.878	0.164	1.11
	Mid/High Income	61	100.0	0.797	2.05	0.309	1.13
	Home Children	62	100.0	0.384	0.690	0.217	0.961
	Day Care Children	55	100.0	0.826	2.21	0.237	1.34

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-2b. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	0.998	1.63	3.39	8.14	19.8
	Urban	105	<MDL	1.00	1.70	3.49	8.14	19.8
	Rural	21	<MDL	0.952	1.27	3.02	4.27	9.06
	Low Income	57	<MDL	1.24	2.39	4.21	10.8	14.8
	Mid/High Income	65	<MDL	<MDL	1.06	2.54	7.46	19.8
	Home Children	65	<MDL	0.863	1.47	3.36	9.06	19.8
	Day Care Children	61	<MDL	1.04	1.70	3.42	7.15	12.1
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.714	3.74	7.00	14.4	79.0	507
	Urban	96	0.714	3.89	8.67	15.6	73.2	189
	Rural	21	2.37	3.21	6.36	14.2	446	507
	Low Income	52	0.714	2.85	5.54	12.0	52.8	189
	Mid/High Income	61	1.30	5.99	9.66	17.7	79.0	507
	Home Children	62	0.714	4.30	6.91	13.2	27.0	167
	Day Care Children	55	1.44	3.40	7.86	16.8	189	507
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	3.96	6.48	13.4	32.3	78.4
	Urban	105	<MDL	3.97	6.73	13.8	32.3	78.4
	Rural	21	<MDL	3.77	5.04	12.0	16.9	35.9
	Low Income	57	<MDL	4.93	9.48	16.7	42.6	58.6
	Mid/High Income	65	<MDL	<MDL	4.19	10.1	29.6	78.4
	Home Children	65	<MDL	3.42	5.84	13.3	35.9	78.4
	Day Care Children	61	<MDL	4.11	6.73	13.5	28.3	48.0
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	2.83	14.8	27.7	57.1	313	2,010
	Urban	96	2.83	15.4	34.4	61.8	290	749
	Rural	21	9.39	12.7	25.2	56.2	1,770	2,010
	Low Income	52	2.83	11.3	21.9	47.7	209	749
	Mid/High Income	61	5.16	23.7	38.3	70.1	313	2,010
	Home Children	62	2.83	17.0	27.4	52.2	107	663
	Day Care Children	55	5.70	13.5	31.1	66.6	749	2,010
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.006	0.011	0.023	0.070	0.130
	Urban	105	<MDL	0.006	0.012	0.025	0.070	0.130
	Rural	21	<MDL	0.006	0.009	0.018	0.025	0.081
	Low Income	57	<MDL	0.009	0.015	0.026	0.081	0.104
	Mid/High Income	65	<MDL	<MDL	0.009	0.020	0.049	0.130
	Home Children	65	<MDL	0.006	0.012	0.024	0.082	0.130
	Day Care Children	61	<MDL	0.007	0.011	0.023	0.049	0.070
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.008	0.026	0.051	0.111	0.580	3.07
	Urban	96	0.008	0.029	0.054	0.108	0.473	1.20
	Rural	21	0.011	0.021	0.041	0.111	2.72	3.07
	Low Income	52	0.008	0.019	0.034	0.079	0.330	1.20
	Mid/High Income	61	0.012	0.037	0.067	0.138	0.580	3.07
	Home Children	62	0.008	0.028	0.053	0.099	0.152	1.20
	Day Care Children	55	0.009	0.022	0.046	0.141	1.10	3.07
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.025	0.045	0.092	0.278	0.514
	Urban	105	<MDL	0.026	0.048	0.098	0.278	0.514
	Rural	21	<MDL	0.025	0.038	0.071	0.098	0.322
	Low Income	57	<MDL	0.036	0.060	0.102	0.322	0.411
	Mid/High Income	65	<MDL	<MDL	0.034	0.079	0.193	0.514
	Home Children	65	<MDL	0.025	0.049	0.094	0.326	0.514
	Day Care Children	61	<MDL	0.026	0.043	0.092	0.193	0.278
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.030	0.103	0.204	0.442	2.30	12.2
	Urban	96	0.030	0.115	0.214	0.427	1.87	4.77
	Rural	21	0.043	0.083	0.163	0.442	10.8	12.2
	Low Income	52	0.030	0.077	0.136	0.315	1.31	4.77
	Mid/High Income	61	0.048	0.145	0.265	0.549	2.30	12.2
	Home Children	62	0.030	0.112	0.211	0.393	0.604	4.77
	Day Care Children	55	0.036	0.086	0.181	0.560	4.37	12.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-3a. Benzo[*k*]fluoranthene (207-08-9): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	60.3	1.16	0.953	0.984	0.490
	Urban	105	60.0	1.18	1.01	0.992	0.506
	Rural	21	61.9	1.04	0.637	0.943	0.408
	Low Income	57	66.7	1.38	1.23	1.13	0.549
	Mid/High Income	65	52.3	0.953	0.596	0.858	0.403
	Home Children	65	60.0	1.22	1.16	1.00	0.535
	Day Care Children	61	60.7	1.09	0.668	0.967	0.439
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	7.96	22.6	2.94	1.14
	Urban	96	100.0	5.72	10.5	2.85	1.06
	Rural	21	100.0	18.2	48.0	3.39	1.49
	Low Income	52	100.0	5.27	12.0	2.23	1.10
	Mid/High Income	61	100.0	10.7	29.2	3.85	1.15
	Home Children	62	100.0	4.98	9.08	2.78	0.965
	Day Care Children	55	100.0	11.3	31.4	3.12	1.32
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	60.3	4.58	3.78	3.90	0.490
	Urban	105	60.0	4.67	3.98	3.93	0.506
	Rural	21	61.9	4.13	2.52	3.74	0.408
	Low Income	57	66.7	5.46	4.88	4.49	0.549
	Mid/High Income	65	52.3	3.78	2.36	3.40	0.403
	Home Children	65	60.0	4.84	4.60	3.96	0.535
	Day Care Children	61	60.7	4.30	2.65	3.83	0.439
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	31.6	89.6	11.6	1.14
	Urban	96	100.0	22.7	41.8	11.3	1.06
	Rural	21	100.0	72.3	190	13.4	1.49
	Low Income	52	100.0	20.9	47.6	8.85	1.10
	Mid/High Income	61	100.0	42.3	116	15.3	1.15
	Home Children	62	100.0	19.7	36.0	11.0	0.965
	Day Care Children	55	100.0	44.9	124	12.4	1.32
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	60.3	0.008	0.006	0.007	0.509
	Urban	105	60.0	0.008	0.006	0.007	0.520
	Rural	21	61.9	0.007	0.006	0.006	0.458
	Low Income	57	66.7	0.009	0.008	0.007	0.581
	Mid/High Income	65	52.3	0.007	0.004	0.006	0.438
	Home Children	65	60.0	0.009	0.008	0.007	0.553
	Day Care Children	61	60.7	0.007	0.004	0.006	0.446
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.052	0.135	0.020	1.14
	Urban	96	100.0	0.038	0.069	0.019	1.04
	Rural	21	100.0	0.114	0.280	0.022	1.54
	Low Income	52	100.0	0.033	0.077	0.014	1.09
	Mid/High Income	61	100.0	0.070	0.172	0.027	1.13
	Home Children	62	100.0	0.037	0.071	0.020	0.979
	Day Care Children	55	100.0	0.068	0.182	0.020	1.31
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	60.3	0.031	0.024	0.026	0.509
	Urban	105	60.0	0.031	0.025	0.026	0.520
	Rural	21	61.9	0.028	0.023	0.024	0.458
	Low Income	57	66.7	0.034	0.031	0.028	0.581
	Mid/High Income	65	52.3	0.027	0.016	0.024	0.438
	Home Children	65	60.0	0.035	0.030	0.028	0.553
	Day Care Children	61	60.7	0.027	0.015	0.024	0.446
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.205	0.537	0.078	1.14
	Urban	96	100.0	0.151	0.275	0.077	1.04
	Rural	21	100.0	0.452	1.11	0.088	1.54
	Low Income	52	100.0	0.131	0.307	0.055	1.09
	Mid/High Income	61	100.0	0.277	0.682	0.109	1.13
	Home Children	62	100.0	0.147	0.280	0.078	0.979
	Day Care Children	55	100.0	0.270	0.722	0.078	1.31

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-3b. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	0.767	1.14	3.05	8.05
	Urban	105	<MDL	<MDL	0.772	1.14	3.05	8.05
	Rural	21	<MDL	<MDL	0.726	1.17	1.58	3.57
	Low Income	57	<MDL	<MDL	0.983	1.26	3.95	8.05
	Mid/High Income	65	<MDL	<MDL	0.722	0.967	2.12	4.02
	Home Children	65	<MDL	<MDL	0.754	1.16	3.57	8.05
	Day Care Children	61	<MDL	<MDL	0.908	1.14	2.28	3.95
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.171	1.27	2.54	4.97	38.0	194
	Urban	96	0.171	1.34	2.57	5.25	25.4	65.1
	Rural	21	0.877	1.27	2.15	4.23	122	194
	Low Income	52	0.171	1.09	2.03	3.75	21.1	65.1
	Mid/High Income	61	0.583	1.80	3.33	6.75	38.0	194
	Home Children	62	0.171	1.35	2.79	4.76	11.1	58.5
	Day Care Children	55	0.483	1.13	2.25	5.92	65.1	194
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	3.04	4.52	12.1	31.9
	Urban	105	<MDL	<MDL	3.06	4.51	12.1	31.9
	Rural	21	<MDL	<MDL	2.88	4.65	6.28	14.1
	Low Income	57	<MDL	<MDL	3.90	5.01	15.7	31.9
	Mid/High Income	65	<MDL	<MDL	2.86	3.83	8.40	15.9
	Home Children	65	<MDL	<MDL	2.99	4.61	14.1	31.9
	Day Care Children	61	<MDL	<MDL	3.60	4.51	9.02	15.7
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	0.678	5.03	10.1	19.7	151	767
	Urban	96	0.678	5.31	10.2	20.8	101	258
	Rural	21	3.48	5.03	8.52	16.8	483	767
	Low Income	52	0.678	4.34	8.05	14.9	83.4	258
	Mid/High Income	61	2.31	7.14	13.2	26.8	151	767
	Home Children	62	0.678	5.36	11.1	18.8	43.9	232
	Day Care Children	55	1.92	4.47	8.91	23.5	258	767
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.006	0.008	0.022	0.048
	Urban	105	<MDL	<MDL	0.006	0.008	0.022	0.048
	Rural	21	<MDL	<MDL	0.006	0.007	0.010	0.032
	Low Income	57	<MDL	<MDL	0.006	0.008	0.030	0.048
	Mid/High Income	65	<MDL	<MDL	0.006	0.008	0.018	0.024
	Home Children	65	<MDL	<MDL	0.006	0.009	0.024	0.048
	Day Care Children	61	<MDL	<MDL	0.006	0.008	0.014	0.023
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.002	0.010	0.017	0.033	0.216	1.04
	Urban	96	0.002	0.010	0.017	0.034	0.153	0.421
	Rural	21	0.005	0.007	0.015	0.033	0.839	1.04
	Low Income	52	0.002	0.007	0.012	0.023	0.132	0.421
	Mid/High Income	61	0.004	0.012	0.022	0.044	0.216	1.04
	Home Children	62	0.002	0.011	0.020	0.033	0.068	0.421
	Day Care Children	55	0.003	0.008	0.015	0.043	0.379	1.04
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.024	0.031	0.085	0.192
	Urban	105	<MDL	<MDL	0.024	0.034	0.085	0.192
	Rural	21	<MDL	<MDL	0.023	0.026	0.040	0.127
	Low Income	57	<MDL	<MDL	0.025	0.033	0.119	0.192
	Mid/High Income	65	<MDL	<MDL	0.023	0.030	0.070	0.094
	Home Children	65	<MDL	<MDL	0.025	0.034	0.094	0.192
	Day Care Children	61	<MDL	<MDL	0.022	0.031	0.056	0.091
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.007	0.039	0.068	0.132	0.857	4.12
	Urban	96	0.007	0.041	0.068	0.136	0.607	1.67
	Rural	21	0.019	0.029	0.061	0.132	3.33	4.12
	Low Income	52	0.007	0.027	0.049	0.090	0.522	1.67
	Mid/High Income	61	0.015	0.047	0.086	0.175	0.857	4.12
	Home Children	62	0.007	0.044	0.079	0.132	0.268	1.67
	Day Care Children	55	0.012	0.031	0.058	0.169	1.50	4.12

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-4a. Benzo[*ghi*]perylene (191-24-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	73.0	2.48	2.68	1.74	0.768
	Urban	105	74.3	2.57	2.82	1.79	0.782
	Rural	21	66.7	1.99	1.80	1.52	0.692
	Low Income	57	87.7	2.80	2.37	2.13	0.728
	Mid/High Income	65	58.5	2.21	2.98	1.45	0.777
	Home Children	65	73.8	2.71	3.33	1.71	0.879
	Day Care Children	61	72.1	2.22	1.74	1.78	0.635
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	11.7	32.5	4.73	1.08
	Urban	96	100.0	8.42	14.2	4.71	0.970
	Rural	21	100.0	26.7	70.0	4.79	1.50
	Low Income	52	100.0	7.75	17.0	3.55	1.04
	Mid/High Income	61	100.0	15.6	42.0	6.21	1.07
	Home Children	62	100.0	7.39	11.5	4.63	0.883
	Day Care Children	55	100.0	16.6	45.6	4.83	1.27
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	73.0	8.96	9.71	6.31	0.768
	Urban	105	74.3	9.31	10.2	6.48	0.782
	Rural	21	66.7	7.19	6.53	5.51	0.692
	Low Income	57	87.7	10.1	8.56	7.70	0.728
	Mid/High Income	65	58.5	7.98	10.8	5.26	0.777
	Home Children	65	73.8	9.81	12.1	6.17	0.879
	Day Care Children	61	72.1	8.05	6.28	6.45	0.635
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	42.4	118	17.1	1.08
	Urban	96	100.0	30.5	51.3	17.0	0.970
	Rural	21	100.0	96.6	253	17.3	1.50
	Low Income	52	100.0	28.1	61.3	12.8	1.04
	Mid/High Income	61	100.0	56.5	152	22.5	1.07
	Home Children	62	100.0	26.7	41.8	16.8	0.883
	Day Care Children	55	100.0	60.0	165	17.5	1.27
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	73.0	0.017	0.020	0.012	0.773
	Urban	105	74.3	0.018	0.021	0.012	0.790
	Rural	21	66.7	0.013	0.015	0.010	0.675
	Low Income	57	87.7	0.017	0.015	0.013	0.730
	Mid/High Income	65	58.5	0.016	0.024	0.010	0.811
	Home Children	65	73.8	0.020	0.026	0.012	0.899
	Day Care Children	61	72.1	0.014	0.009	0.011	0.614
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.077	0.203	0.032	1.08
	Urban	96	100.0	0.056	0.092	0.032	0.960
	Rural	21	100.0	0.170	0.433	0.031	1.55
	Low Income	52	100.0	0.049	0.109	0.022	1.04
	Mid/High Income	61	100.0	0.103	0.261	0.044	1.05
	Home Children	62	100.0	0.054	0.088	0.033	0.906
	Day Care Children	55	100.0	0.101	0.280	0.031	1.26
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	73.0	0.061	0.073	0.042	0.773
	Urban	105	74.3	0.063	0.076	0.044	0.790
	Rural	21	66.7	0.048	0.053	0.036	0.675
	Low Income	57	87.7	0.063	0.056	0.048	0.730
	Mid/High Income	65	58.5	0.059	0.087	0.037	0.811
	Home Children	65	73.8	0.072	0.094	0.044	0.899
	Day Care Children	61	72.1	0.049	0.034	0.040	0.614
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.277	0.734	0.115	1.08
	Urban	96	100.0	0.203	0.332	0.116	0.960
	Rural	21	100.0	0.614	1.57	0.113	1.55
	Low Income	52	100.0	0.178	0.395	0.080	1.04
	Mid/High Income	61	100.0	0.374	0.943	0.160	1.05
	Home Children	62	100.0	0.197	0.317	0.120	0.906
	Day Care Children	55	100.0	0.367	1.01	0.111	1.26

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-4b. Benzo[*ghi*]perylene (191-24-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	1.48	2.87	8.11	18.2
	Urban	105	<MDL	<MDL	1.51	2.91	8.87	18.2
	Rural	21	<MDL	<MDL	1.06	2.12	5.81	7.89
	Low Income	57	<MDL	1.30	2.07	3.54	8.87	11.4
	Mid/High Income	65	<MDL	<MDL	1.01	1.98	8.04	18.2
	Home Children	65	<MDL	<MDL	1.37	2.63	9.28	18.2
	Day Care Children	61	<MDL	<MDL	1.54	2.95	5.26	9.23
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.600	2.25	4.25	7.76	43.6	239
	Urban	96	0.600	2.33	4.39	7.86	34.3	93.9
	Rural	21	1.24	1.91	2.83	7.22	234	239
	Low Income	52	0.600	1.76	2.75	5.89	30.6	93.9
	Mid/High Income	61	1.06	2.83	5.71	9.38	43.6	239
	Home Children	62	0.600	2.47	5.03	7.59	16.0	81.6
	Day Care Children	55	0.879	1.93	3.70	8.33	93.9	239
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	5.37	10.4	29.3	65.7
	Urban	105	<MDL	<MDL	5.45	10.5	32.1	65.7
	Rural	21	<MDL	<MDL	3.84	7.69	21.0	28.5
	Low Income	57	<MDL	4.72	7.48	12.8	32.1	41.2
	Mid/High Income	65	<MDL	<MDL	3.65	7.17	29.1	65.7
	Home Children	65	<MDL	<MDL	4.96	9.50	33.6	65.7
	Day Care Children	61	<MDL	<MDL	5.58	10.7	19.0	33.4
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	2.17	8.14	15.4	28.1	158	866
	Urban	96	2.17	8.43	15.9	28.4	124	340
	Rural	21	4.49	6.92	10.2	26.1	845	866
	Low Income	52	2.17	6.35	9.97	21.3	111	340
	Mid/High Income	61	3.83	10.2	20.7	33.9	158	866
	Home Children	62	2.17	8.95	18.2	27.5	58.0	295
	Day Care Children	55	3.18	6.99	13.4	30.2	340	866
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.010	0.017	0.057	0.161
	Urban	105	<MDL	<MDL	0.011	0.019	0.057	0.161
	Rural	21	<MDL	<MDL	0.009	0.014	0.033	0.071
	Low Income	57	<MDL	0.007	0.013	0.019	0.062	0.071
	Mid/High Income	65	<MDL	<MDL	0.008	0.015	0.057	0.161
	Home Children	65	<MDL	<MDL	0.010	0.019	0.071	0.161
	Day Care Children	61	<MDL	<MDL	0.011	0.017	0.035	0.047
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.005	0.016	0.029	0.057	0.252	1.65
	Urban	96	0.005	0.017	0.030	0.059	0.205	0.587
	Rural	21	0.007	0.010	0.020	0.051	1.26	1.65
	Low Income	52	0.005	0.010	0.020	0.035	0.192	0.587
	Mid/High Income	61	0.006	0.020	0.042	0.075	0.252	1.65
	Home Children	62	0.005	0.018	0.035	0.055	0.109	0.587
	Day Care Children	55	0.006	0.012	0.022	0.064	0.547	1.65
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.036	0.062	0.205	0.584
	Urban	105	<MDL	<MDL	0.039	0.070	0.205	0.584
	Rural	21	<MDL	<MDL	0.033	0.050	0.119	0.256
	Low Income	57	<MDL	0.026	0.046	0.070	0.225	0.256
	Mid/High Income	65	<MDL	<MDL	0.029	0.053	0.205	0.584
	Home Children	65	<MDL	<MDL	0.035	0.070	0.256	0.584
	Day Care Children	61	<MDL	<MDL	0.039	0.060	0.125	0.170
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.018	0.059	0.103	0.206	0.912	5.96
	Urban	96	0.018	0.063	0.108	0.215	0.743	2.12
	Rural	21	0.025	0.034	0.071	0.184	4.54	5.96
	Low Income	52	0.018	0.038	0.074	0.126	0.693	2.12
	Mid/High Income	61	0.022	0.073	0.152	0.273	0.912	5.96
	Home Children	62	0.018	0.066	0.128	0.201	0.394	2.12
	Day Care Children	55	0.020	0.044	0.080	0.231	1.98	5.96

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-5a. Benzo[*a*]pyrene (50-32-8): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	65.9	2.08	2.34	1.44	0.777
	Urban	105	66.7	2.04	2.19	1.44	0.764
	Rural	21	61.9	2.26	3.03	1.43	0.859
	Low Income	57	77.2	2.65	2.61	1.88	0.797
	Mid/High Income	65	53.8	1.55	2.01	1.11	0.676
	Home Children	65	63.1	2.15	2.68	1.40	0.827
	Day Care Children	61	68.9	2.00	1.92	1.47	0.727
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	12.4	35.5	4.72	1.12
	Urban	96	100.0	8.78	14.8	4.77	0.993
	Rural	21	100.0	28.9	77.0	4.49	1.60
	Low Income	52	100.0	7.63	16.4	3.50	1.04
	Mid/High Income	61	100.0	17.1	46.5	6.32	1.15
	Home Children	62	100.0	7.61	12.1	4.56	0.929
	Day Care Children	55	100.0	17.8	49.8	4.90	1.31
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	65.9	8.23	9.27	5.69	0.777
	Urban	105	66.7	8.09	8.69	5.70	0.764
	Rural	21	61.9	8.94	12.0	5.69	0.859
	Low Income	57	77.2	10.5	10.3	7.45	0.797
	Mid/High Income	65	53.8	6.14	7.95	4.40	0.676
	Home Children	65	63.1	8.53	10.6	5.56	0.827
	Day Care Children	61	68.9	7.91	7.62	5.84	0.727
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	49.1	141	18.7	1.12
	Urban	96	100.0	34.8	58.5	18.9	0.993
	Rural	21	100.0	114	305	17.8	1.60
	Low Income	52	100.0	30.2	65.0	13.9	1.04
	Mid/High Income	61	100.0	67.7	184	25.0	1.15
	Home Children	62	100.0	30.1	48.0	18.1	0.929
	Day Care Children	55	100.0	70.5	198	19.4	1.31
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	65.9	0.014	0.016	0.010	0.772
	Urban	105	66.7	0.013	0.013	0.010	0.755
	Rural	21	61.9	0.016	0.026	0.009	0.869
	Low Income	57	77.2	0.017	0.019	0.012	0.810
	Mid/High Income	65	53.8	0.011	0.012	0.008	0.692
	Home Children	65	63.1	0.015	0.020	0.010	0.829
	Day Care Children	61	68.9	0.012	0.011	0.009	0.709
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.081	0.216	0.032	1.14
	Urban	96	100.0	0.059	0.097	0.032	1.00
	Rural	21	100.0	0.181	0.463	0.029	1.65
	Low Income	52	100.0	0.049	0.105	0.022	1.06
	Mid/High Income	61	100.0	0.113	0.281	0.045	1.13
	Home Children	62	100.0	0.057	0.094	0.033	0.977
	Day Care Children	55	100.0	0.108	0.299	0.031	1.30
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	65.9	0.055	0.064	0.038	0.772
	Urban	105	66.7	0.053	0.053	0.038	0.755
	Rural	21	61.9	0.063	0.105	0.037	0.869
	Low Income	57	77.2	0.067	0.077	0.046	0.810
	Mid/High Income	65	53.8	0.043	0.049	0.031	0.692
	Home Children	65	63.1	0.061	0.077	0.040	0.829
	Day Care Children	61	68.9	0.048	0.045	0.036	0.709
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.321	0.858	0.126	1.14
	Urban	96	100.0	0.234	0.384	0.129	1.00
	Rural	21	100.0	0.718	1.83	0.116	1.65
	Low Income	52	100.0	0.193	0.417	0.087	1.06
	Mid/High Income	61	100.0	0.446	1.11	0.178	1.13
	Home Children	62	100.0	0.226	0.374	0.129	0.977
	Day Care Children	55	100.0	0.428	1.18	0.123	1.30

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-5b. Benzo[*a*]pyrene (50-32-8): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	1.04	2.49	6.93	14.0
	Urban	105	<MDL	<MDL	1.05	2.44	6.93	12.2
	Rural	21	<MDL	<MDL	0.805	2.64	5.80	14.0
	Low Income	57	<MDL	0.891	1.80	3.42	8.55	14.0
	Mid/High Income	65	<MDL	<MDL	0.795	1.39	4.61	12.2
	Home Children	65	<MDL	<MDL	0.957	2.17	7.44	14.0
	Day Care Children	61	<MDL	<MDL	1.14	2.54	5.80	10.2
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.439	2.07	4.22	7.86	58.8	284
	Urban	96	0.439	2.20	4.32	7.88	40.9	92.0
	Rural	21	0.864	1.50	2.80	7.30	233	284
	Low Income	52	0.864	1.65	2.85	6.03	29.5	92.0
	Mid/High Income	61	0.439	3.09	5.77	10.1	58.8	284
	Home Children	62	0.439	2.50	4.67	7.30	16.2	76.9
	Day Care Children	55	0.864	1.77	3.47	9.68	92.0	284
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	4.11	9.85	27.5	55.6
	Urban	105	<MDL	<MDL	4.15	9.69	27.5	48.2
	Rural	21	<MDL	<MDL	3.19	10.5	23.0	55.6
	Low Income	57	<MDL	3.53	7.15	13.6	33.9	55.6
	Mid/High Income	65	<MDL	<MDL	3.15	5.52	18.3	48.2
	Home Children	65	<MDL	<MDL	3.79	8.62	29.5	55.6
	Day Care Children	61	<MDL	<MDL	4.51	10.1	23.0	40.4
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	1.74	8.20	16.7	31.2	233	1,130
	Urban	96	1.74	8.74	17.1	31.2	162	365
	Rural	21	3.42	5.96	11.1	28.9	923	1,130
	Low Income	52	3.42	6.53	11.3	23.9	117	365
	Mid/High Income	61	1.74	12.2	22.9	40.2	233	1,130
	Home Children	62	1.74	9.92	18.5	28.9	64.1	305
	Day Care Children	55	3.42	7.00	13.7	38.4	365	1,130
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.008	0.017	0.043	0.126
	Urban	105	<MDL	<MDL	0.008	0.016	0.043	0.072
	Rural	21	<MDL	<MDL	0.006	0.017	0.034	0.126
	Low Income	57	<MDL	0.006	0.010	0.020	0.059	0.126
	Mid/High Income	65	<MDL	<MDL	0.006	0.009	0.031	0.072
	Home Children	65	<MDL	<MDL	0.007	0.016	0.045	0.126
	Day Care Children	61	<MDL	<MDL	0.008	0.017	0.030	0.060
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.004	0.015	0.028	0.057	0.300	1.60
	Urban	96	0.004	0.016	0.029	0.059	0.237	0.553
	Rural	21	0.005	0.009	0.017	0.055	1.53	1.60
	Low Income	52	0.004	0.010	0.019	0.035	0.184	0.553
	Mid/High Income	61	0.004	0.021	0.041	0.076	0.300	1.60
	Home Children	62	0.004	0.017	0.035	0.055	0.128	0.553
	Day Care Children	55	0.005	0.013	0.023	0.070	0.536	1.60
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.031	0.066	0.172	0.497
	Urban	105	<MDL	<MDL	0.032	0.063	0.172	0.285
	Rural	21	<MDL	<MDL	0.026	0.066	0.133	0.497
	Low Income	57	<MDL	0.023	0.041	0.079	0.234	0.497
	Mid/High Income	65	<MDL	<MDL	0.025	0.038	0.123	0.285
	Home Children	65	<MDL	<MDL	0.030	0.063	0.177	0.497
	Day Care Children	61	<MDL	<MDL	0.031	0.066	0.117	0.239
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.016	0.058	0.111	0.228	1.19	6.35
	Urban	96	0.016	0.062	0.116	0.233	0.941	2.19
	Rural	21	0.018	0.035	0.066	0.220	6.05	6.35
	Low Income	52	0.016	0.041	0.077	0.140	0.731	2.19
	Mid/High Income	61	0.016	0.082	0.161	0.302	1.19	6.35
	Home Children	62	0.016	0.066	0.139	0.220	0.507	2.19
	Day Care Children	55	0.018	0.051	0.091	0.277	2.13	6.35

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-6a. Benzo[*e*]pyrene (192-97-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	66.7	1.43	1.14	1.16	0.593
	Urban	105	66.7	1.44	1.12	1.17	0.596
	Rural	21	66.7	1.39	1.26	1.12	0.591
	Low Income	57	78.9	1.77	1.33	1.43	0.624
	Mid/High Income	65	53.8	1.13	0.868	0.962	0.506
	Home Children	65	66.2	1.45	1.22	1.16	0.612
	Day Care Children	61	67.2	1.41	1.05	1.17	0.576
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	12.2	35.3	4.69	1.10
	Urban	96	100.0	8.54	14.7	4.61	0.999
	Rural	21	100.0	29.1	76.5	5.09	1.50
	Low Income	52	100.0	7.89	17.0	3.65	1.04
	Mid/High Income	61	100.0	16.5	46.1	6.03	1.12
	Home Children	62	100.0	7.43	12.3	4.47	0.905
	Day Care Children	55	100.0	17.7	49.5	4.95	1.29
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	66.7	5.67	4.51	4.61	0.593
	Urban	105	66.7	5.71	4.43	4.65	0.596
	Rural	21	66.7	5.50	4.99	4.45	0.591
	Low Income	57	78.9	7.00	5.28	5.66	0.624
	Mid/High Income	65	53.8	4.49	3.44	3.81	0.506
	Home Children	65	66.2	5.75	4.84	4.60	0.612
	Day Care Children	61	67.2	5.59	4.16	4.63	0.576
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	48.5	140	18.6	1.10
	Urban	96	100.0	33.9	58.1	18.3	0.999
	Rural	21	100.0	115	303	20.2	1.50
	Low Income	52	100.0	31.3	67.4	14.5	1.04
	Mid/High Income	61	100.0	65.6	183	23.9	1.12
	Home Children	62	100.0	29.4	48.9	17.7	0.905
	Day Care Children	55	100.0	70.0	196	19.6	1.29
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	66.7	0.010	0.008	0.008	0.594
	Urban	105	66.7	0.010	0.007	0.008	0.594
	Rural	21	66.7	0.010	0.011	0.007	0.607
	Low Income	57	78.9	0.011	0.010	0.009	0.635
	Mid/High Income	65	53.8	0.008	0.006	0.007	0.537
	Home Children	65	66.2	0.010	0.009	0.008	0.615
	Day Care Children	61	67.2	0.009	0.006	0.007	0.569
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.080	0.219	0.032	1.10
	Urban	96	100.0	0.057	0.096	0.031	0.982
	Rural	21	100.0	0.185	0.470	0.033	1.55
	Low Income	52	100.0	0.050	0.110	0.023	1.03
	Mid/High Income	61	100.0	0.109	0.284	0.043	1.10
	Home Children	62	100.0	0.055	0.095	0.032	0.922
	Day Care Children	55	100.0	0.108	0.303	0.031	1.28
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	66.7	0.038	0.031	0.031	0.594
	Urban	105	66.7	0.038	0.028	0.031	0.594
	Rural	21	66.7	0.038	0.045	0.029	0.607
	Low Income	57	78.9	0.044	0.038	0.035	0.635
	Mid/High Income	65	53.8	0.032	0.023	0.027	0.537
	Home Children	65	66.2	0.041	0.035	0.033	0.615
	Day Care Children	61	67.2	0.035	0.025	0.029	0.569
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.316	0.869	0.125	1.10
	Urban	96	100.0	0.225	0.379	0.124	0.982
	Rural	21	100.0	0.733	1.86	0.132	1.55
	Low Income	52	100.0	0.197	0.435	0.091	1.03
	Mid/High Income	61	100.0	0.432	1.13	0.170	1.10
	Home Children	62	100.0	0.218	0.376	0.126	0.922
	Day Care Children	55	100.0	0.427	1.20	0.124	1.28

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-6b. Benzo[*e*]pyrene (192-97-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	0.968	1.67	3.91	6.35
	Urban	105	<MDL	<MDL	0.970	1.58	3.91	5.99
	Rural	21	<MDL	<MDL	0.766	1.76	2.39	6.35
	Low Income	57	<MDL	0.750	1.29	2.39	5.06	6.35
	Mid/High Income	65	<MDL	<MDL	0.734	1.31	3.01	5.47
	Home Children	65	<MDL	<MDL	0.904	1.67	3.95	6.35
	Day Care Children	61	<MDL	<MDL	0.985	1.67	3.10	5.99
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.438	2.17	4.29	7.95	50.7	263
	Urban	96	0.438	2.20	4.48	8.52	36.8	92.3
	Rural	21	1.30	2.15	2.92	6.22	254	263
	Low Income	52	0.438	1.84	2.96	5.76	29.9	92.3
	Mid/High Income	61	1.10	2.90	5.40	9.52	50.7	263
	Home Children	62	0.438	2.18	4.48	7.57	17.3	84.0
	Day Care Children	55	0.882	2.01	3.58	9.31	92.3	263
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	3.84	6.62	15.5	25.2
	Urban	105	<MDL	<MDL	3.84	6.26	15.5	23.7
	Rural	21	<MDL	<MDL	3.04	6.99	9.48	25.2
	Low Income	57	<MDL	2.97	5.13	9.48	20.1	25.2
	Mid/High Income	65	<MDL	<MDL	2.91	5.19	11.9	21.7
	Home Children	65	<MDL	<MDL	3.58	6.61	15.7	25.2
	Day Care Children	61	<MDL	<MDL	3.91	6.62	12.3	23.7
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	1.74	8.62	17.0	31.5	201	1,040
	Urban	96	1.74	8.71	17.8	33.7	146	366
	Rural	21	5.14	8.51	11.6	24.6	1,010	1,040
	Low Income	52	1.74	7.30	11.7	22.8	119	366
	Mid/High Income	61	4.36	11.5	21.4	37.7	201	1,040
	Home Children	62	1.74	8.64	17.8	30.0	68.7	333
	Day Care Children	55	3.50	7.96	14.2	36.9	366	1,040
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.007	0.011	0.027	0.057
	Urban	105	<MDL	<MDL	0.007	0.011	0.027	0.035
	Rural	21	<MDL	<MDL	0.006	0.009	0.014	0.057
	Low Income	57	<MDL	0.005	0.008	0.013	0.035	0.057
	Mid/High Income	65	<MDL	<MDL	0.006	0.010	0.018	0.032
	Home Children	65	<MDL	<MDL	0.007	0.012	0.027	0.057
	Day Care Children	61	<MDL	<MDL	0.007	0.010	0.018	0.035
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.005	0.015	0.026	0.049	0.280	1.75
	Urban	96	0.005	0.016	0.030	0.054	0.220	0.604
	Rural	21	0.007	0.012	0.020	0.048	1.41	1.75
	Low Income	52	0.005	0.011	0.021	0.038	0.187	0.604
	Mid/High Income	61	0.007	0.020	0.037	0.077	0.280	1.75
	Home Children	62	0.005	0.018	0.033	0.049	0.098	0.604
	Day Care Children	55	0.005	0.012	0.023	0.065	0.538	1.75
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.027	0.045	0.108	0.225
	Urban	105	<MDL	<MDL	0.028	0.045	0.108	0.139
	Rural	21	<MDL	<MDL	0.025	0.035	0.056	0.225
	Low Income	57	<MDL	0.022	0.032	0.053	0.138	0.225
	Mid/High Income	65	<MDL	<MDL	0.023	0.038	0.071	0.128
	Home Children	65	<MDL	<MDL	0.026	0.048	0.109	0.225
	Day Care Children	61	<MDL	<MDL	0.028	0.041	0.071	0.139
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.019	0.060	0.105	0.194	1.11	6.92
	Urban	96	0.019	0.064	0.119	0.216	0.873	2.40
	Rural	21	0.027	0.048	0.081	0.189	5.60	6.92
	Low Income	52	0.019	0.044	0.083	0.149	0.742	2.40
	Mid/High Income	61	0.026	0.078	0.147	0.304	1.11	6.92
	Home Children	62	0.019	0.070	0.132	0.192	0.387	2.40
	Day Care Children	55	0.021	0.048	0.091	0.259	2.13	6.92

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-7a. Benzylbutylphthalate (85-68-7): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	38.9	--	--	--	--
	Urban	105	41.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	50.9	2,580	11,200	879	0.931
	Mid/High Income	65	29.2	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	61	41.0	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	922	1,200	498	1.09
	Urban	96	100.0	880	1,180	467	1.11
	Rural	21	100.0	1,120	1,330	669	0.970
	Low Income	50	100.0	1,300	1,580	651	1.25
	Mid/High Income	63	100.0	661	720	424	0.922
	Home Children	63	100.0	861	1,080	465	1.10
	Day Care Children	54	100.0	993	1,330	539	1.09
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	38.9	--	--	--	--
	Urban	105	41.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	50.9	8,250	35,800	2,820	0.931
	Mid/High Income	65	29.2	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	61	41.0	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	2,950	3,850	1,590	1.09
	Urban	96	100.0	2,820	3,770	1,490	1.11
	Rural	21	100.0	3,570	4,250	2,140	0.970
	Low Income	50	100.0	4,180	5,050	2,080	1.25
	Mid/High Income	63	100.0	2,120	2,300	1,360	0.922
	Home Children	63	100.0	2,760	3,470	1,490	1.10
	Day Care Children	54	100.0	3,180	4,270	1,730	1.09
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	38.9	--	--	--	--
	Urban	105	41.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	50.9	16.7	67.6	5.45	1.04
	Mid/High Income	65	29.2	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	61	41.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	6.08	8.05	3.36	1.07
	Urban	96	100.0	5.85	7.96	3.17	1.09
	Rural	21	100.0	7.11	8.57	4.36	0.935
	Low Income	50	100.0	7.84	9.87	4.03	1.22
	Mid/High Income	63	100.0	4.93	6.26	3.04	0.936
	Home Children	63	100.0	6.03	7.46	3.31	1.09
	Day Care Children	54	100.0	6.14	8.75	3.42	1.04
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	38.9	--	--	--	--
	Urban	105	41.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	57	50.9	53.5	216	17.4	1.04
	Mid/High Income	65	29.2	--	--	--	--
	Home Children	65	36.9	--	--	--	--
	Day Care Children	61	41.0	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	19.5	25.8	10.8	1.07
	Urban	96	100.0	18.7	25.5	10.2	1.09
	Rural	21	100.0	22.7	27.4	14.0	0.935
	Low Income	50	100.0	25.1	31.6	12.9	1.22
	Mid/High Income	63	100.0	15.8	20.0	9.73	0.936
	Home Children	63	100.0	19.3	23.9	10.6	1.09
	Day Care Children	54	100.0	19.6	28.0	10.9	1.04

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-7b. Benzylbutylphthalate (85-68-7): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	<MDL	1,060	3,250	85,100
	Urban	105	<MDL	<MDL	<MDL	1,100	3,560	85,100
	Rural	21	<MDL	<MDL	<MDL	679	1,370	3,250
	Low Income	57	<MDL	<MDL	614	1,370	4,290	85,100
	Mid/High Income	65	<MDL	<MDL	<MDL	566	2,280	4,910
	Home Children	65	<MDL	<MDL	<MDL	1,190	3,560	85,100
	Day Care Children	61	<MDL	<MDL	<MDL	874	2,210	7,560
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	28.7	208	418	1,050	3,500	6,740
	Urban	96	28.7	187	386	1,060	3,040	6,740
	Rural	21	208	321	469	981	3,570	4,880
	Low Income	50	28.7	311	542	2,140	4,880	6,740
	Mid/High Income	63	74.7	194	342	901	2,290	3,570
	Home Children	63	28.7	204	410	954	3,500	4,880
	Day Care Children	54	55.4	241	441	1,110	3,380	6,740
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	<MDL	3,400	10,400	273,000
	Urban	105	<MDL	<MDL	<MDL	3,530	11,400	273,000
	Rural	21	<MDL	<MDL	<MDL	2,170	4,390	10,400
	Low Income	57	<MDL	<MDL	1,960	4,390	13,700	273,000
	Mid/High Income	65	<MDL	<MDL	<MDL	1,810	7,310	15,700
	Home Children	65	<MDL	<MDL	<MDL	3,820	11,400	273,000
	Day Care Children	61	<MDL	<MDL	<MDL	2,800	7,070	24,200
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	91.8	666	1,340	3,360	11,200	21,600
	Urban	96	91.8	598	1,230	3,390	9,730	21,600
	Rural	21	666	1,030	1,500	3,140	11,400	15,600
	Low Income	50	91.8	997	1,740	6,850	15,600	21,600
	Mid/High Income	63	239	620	1,090	2,890	7,320	11,400
	Home Children	63	91.8	654	1,310	3,050	11,200	15,600
	Day Care Children	54	177	772	1,410	3,550	10,800	21,600
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	<MDL	6.37	27.7	512
	Urban	105	<MDL	<MDL	<MDL	7.10	27.7	512
	Rural	21	<MDL	<MDL	<MDL	4.52	9.97	29.1
	Low Income	57	<MDL	<MDL	3.63	7.95	30.9	512
	Mid/High Income	65	<MDL	<MDL	<MDL	4.31	15.9	39.5
	Home Children	65	<MDL	<MDL	<MDL	8.37	30.9	512
	Day Care Children	61	<MDL	<MDL	<MDL	5.54	16.7	62.6
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.146	1.52	3.09	6.70	22.2	50.8
	Urban	96	0.146	1.41	2.57	6.83	20.3	50.8
	Rural	21	1.23	2.04	3.49	5.69	24.7	31.7
	Low Income	50	0.146	1.61	3.18	11.4	24.7	50.8
	Mid/High Income	63	0.442	1.45	2.63	6.31	20.2	31.7
	Home Children	63	0.146	1.45	2.95	6.34	22.2	31.7
	Day Care Children	54	0.469	1.52	3.14	7.18	21.2	50.8
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	<MDL	20.4	88.7	1,640
	Urban	105	<MDL	<MDL	<MDL	22.7	88.7	1,640
	Rural	21	<MDL	<MDL	<MDL	14.5	31.9	93.3
	Low Income	57	<MDL	<MDL	11.6	25.5	98.9	1,640
	Mid/High Income	65	<MDL	<MDL	<MDL	13.8	51.0	126
	Home Children	65	<MDL	<MDL	<MDL	26.8	98.9	1,640
	Day Care Children	61	<MDL	<MDL	<MDL	17.7	53.3	201
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.468	4.87	9.89	21.4	71.1	163
	Urban	96	0.468	4.50	8.22	21.9	65.0	163
	Rural	21	3.94	6.53	11.2	18.2	79.0	102
	Low Income	50	0.468	5.17	10.2	36.4	79.0	163
	Mid/High Income	63	1.42	4.64	8.43	20.2	64.7	102
	Home Children	63	0.468	4.65	9.43	20.3	71.1	102
	Day Care Children	54	1.50	4.87	10.1	23.0	67.7	163

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-8a. Bisphenol-A (80-05-7): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	76.2	48.9	192	22.6	0.881
	Urban	105	75.2	51.7	210	22.3	0.890
	Rural	21	81.0	35.1	37.2	23.7	0.851
	Low Income	57	82.5	37.8	56.0	25.2	0.780
	Mid/High Income	65	72.3	58.2	263	20.2	0.925
	Home Children	65	81.5	68.7	265	24.1	1.05
	Day Care Children	61	70.5	27.8	30.9	21.0	0.661
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	28.4	--	--	--	--
	Urban	96	27.1	--	--	--	--
	Rural	20	35.0	--	--	--	--
	Low Income	50	34.0	--	--	--	--
	Mid/High Income	62	25.8	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	53	35.8	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	76.2	214	842	98.9	0.881
	Urban	105	75.2	226	919	97.9	0.890
	Rural	21	81.0	154	163	104	0.851
	Low Income	57	82.5	166	245	110	0.780
	Mid/High Income	65	72.3	255	1,150	88.5	0.925
	Home Children	65	81.5	301	1,160	106	1.05
	Day Care Children	61	70.5	122	135	92.1	0.661
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	28.4	--	--	--	--
	Urban	96	27.1	--	--	--	--
	Rural	20	35.0	--	--	--	--
	Low Income	50	34.0	--	--	--	--
	Mid/High Income	62	25.8	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	53	35.8	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	76.2	0.358	1.52	0.151	0.926
	Urban	105	75.2	0.380	1.66	0.151	0.925
	Rural	21	81.0	0.252	0.292	0.155	0.951
	Low Income	57	82.5	0.254	0.403	0.156	0.862
	Mid/High Income	65	72.3	0.445	2.08	0.144	0.957
	Home Children	65	81.5	0.524	2.09	0.173	1.10
	Day Care Children	61	70.5	0.182	0.276	0.131	0.668
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	28.4	--	--	--	--
	Urban	96	27.1	--	--	--	--
	Rural	20	35.0	--	--	--	--
	Low Income	50	34.0	--	--	--	--
	Mid/High Income	62	25.8	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	53	35.8	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	76.2	1.57	6.66	0.663	0.926
	Urban	105	75.2	1.66	7.27	0.660	0.925
	Rural	21	81.0	1.10	1.28	0.677	0.951
	Low Income	57	82.5	1.11	1.77	0.683	0.862
	Mid/High Income	65	72.3	1.95	9.12	0.630	0.957
	Home Children	65	81.5	2.29	9.17	0.757	1.10
	Day Care Children	61	70.5	0.798	1.21	0.575	0.668
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	28.4	--	--	--	--
	Urban	96	27.1	--	--	--	--
	Rural	20	35.0	--	--	--	--
	Low Income	50	34.0	--	--	--	--
	Mid/High Income	62	25.8	--	--	--	--
	Home Children	63	22.2	--	--	--	--
	Day Care Children	53	35.8	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-8b. Bisphenol-A (80-05-7): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	11.8	20.3	30.8	100	2,130
	Urban	105	<MDL	11.7	20.3	30.3	93.2	2,130
	Rural	21	<MDL	12.0	20.0	42.4	132	134
	Low Income	57	<MDL	14.1	22.4	31.7	93.2	379
	Mid/High Income	65	<MDL	<MDL	15.3	28.2	100	2,130
	Home Children	65	<MDL	10.8	18.0	40.4	132	2,130
	Day Care Children	61	<MDL	<MDL	21.1	27.8	81.8	214
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	<MDL	<MDL	<MDL	0.891	5.43	17.5
	Urban	96	<MDL	<MDL	<MDL	0.886	5.43	5.91
	Rural	20	<MDL	<MDL	<MDL	1.07	9.64	17.5
	Low Income	50	<MDL	<MDL	<MDL	0.857	5.43	5.91
	Mid/High Income	62	<MDL	<MDL	<MDL	1.69	4.30	17.5
	Home Children	63	<MDL	<MDL	<MDL	<MDL	5.85	17.5
	Day Care Children	53	<MDL	<MDL	<MDL	0.993	4.30	5.86
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	51.5	88.9	135	440	9,340
	Urban	105	<MDL	51.4	89.1	133	408	9,340
	Rural	21	<MDL	52.4	87.5	186	577	585
	Low Income	57	<MDL	61.6	98.0	139	408	1,660
	Mid/High Income	65	<MDL	<MDL	66.9	124	440	9,340
	Home Children	65	<MDL	47.1	78.9	177	577	9,340
	Day Care Children	61	<MDL	<MDL	92.3	122	359	937
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	<MDL	<MDL	<MDL	3.90	23.8	76.7
	Urban	96	<MDL	<MDL	<MDL	3.88	23.8	25.9
	Rural	20	<MDL	<MDL	<MDL	4.68	42.2	76.7
	Low Income	50	<MDL	<MDL	<MDL	3.76	23.8	25.9
	Mid/High Income	62	<MDL	<MDL	<MDL	7.39	18.8	76.7
	Home Children	63	<MDL	<MDL	<MDL	<MDL	25.6	76.7
	Day Care Children	53	<MDL	<MDL	<MDL	4.35	18.8	25.7
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.076	0.129	0.209	0.725	16.9
	Urban	105	<MDL	0.079	0.129	0.209	0.656	16.9
	Rural	21	<MDL	0.068	0.142	0.200	0.919	1.07
	Low Income	57	<MDL	0.082	0.142	0.225	0.654	2.28
	Mid/High Income	65	<MDL	<MDL	0.113	0.200	0.725	16.9
	Home Children	65	<MDL	0.073	0.142	0.337	1.07	16.9
	Day Care Children	61	<MDL	<MDL	0.113	0.176	0.465	2.14
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	<MDL	<MDL	<MDL	0.008	0.036	0.155
	Urban	96	<MDL	<MDL	<MDL	0.008	0.036	0.048
	Rural	20	<MDL	<MDL	<MDL	0.007	0.087	0.155
	Low Income	50	<MDL	<MDL	<MDL	0.006	0.032	0.048
	Mid/High Income	62	<MDL	<MDL	<MDL	0.010	0.036	0.155
	Home Children	63	<MDL	<MDL	<MDL	<MDL	0.042	0.155
	Day Care Children	53	<MDL	<MDL	<MDL	0.007	0.032	0.040
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.334	0.565	0.917	3.17	74.0
	Urban	105	<MDL	0.346	0.563	0.917	2.87	74.0
	Rural	21	<MDL	0.298	0.621	0.877	4.03	4.67
	Low Income	57	<MDL	0.360	0.624	0.986	2.86	9.99
	Mid/High Income	65	<MDL	<MDL	0.494	0.875	3.17	74.0
	Home Children	65	<MDL	0.321	0.624	1.48	4.67	74.0
	Day Care Children	61	<MDL	<MDL	0.494	0.772	2.04	9.38
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	<MDL	<MDL	<MDL	0.033	0.159	0.681
	Urban	96	<MDL	<MDL	<MDL	0.033	0.159	0.211
	Rural	20	<MDL	<MDL	<MDL	0.032	0.379	0.681
	Low Income	50	<MDL	<MDL	<MDL	0.026	0.139	0.211
	Mid/High Income	62	<MDL	<MDL	<MDL	0.042	0.159	0.681
	Home Children	63	<MDL	<MDL	<MDL	<MDL	0.185	0.681
	Day Care Children	53	<MDL	<MDL	<MDL	0.031	0.139	0.177

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-9a. *alpha*-Chlordane (5103-71-9) : Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	98.4	37.2	77.5	13.7	1.27
	Urban	105	98.1	35.5	77.4	13.3	1.25
	Rural	21	100.0	45.8	79.0	15.8	1.40
	Low Income	57	100.0	36.3	65.1	15.9	1.14
	Mid/High Income	65	98.5	31.4	60.5	12.1	1.30
	Home Children	65	96.9	41.1	89.4	12.7	1.45
	Day Care Children	61	100.0	33.0	62.8	14.9	1.06
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	96.7	2.33	6.41	0.661	1.43
	Urban	100	97.0	2.50	6.95	0.669	1.47
	Rural	21	95.2	1.48	2.53	0.623	1.26
	Low Income	52	100.0	2.02	6.19	0.516	1.46
	Mid/High Income	65	93.8	2.48	6.65	0.781	1.38
	Home Children	66	93.9	2.07	3.33	0.773	1.43
	Day Care Children	55	100.0	2.64	8.82	0.548	1.42
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	98.4	90.8	189	33.4	1.27
	Urban	105	98.1	86.6	189	32.5	1.25
	Rural	21	100.0	112	193	38.6	1.40
	Low Income	57	100.0	88.6	159	38.8	1.14
	Mid/High Income	65	98.5	76.7	148	29.5	1.30
	Home Children	65	96.9	100	218	31.0	1.45
	Day Care Children	61	100.0	80.6	153	36.3	1.06
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	96.7	5.68	15.6	1.61	1.43
	Urban	100	97.0	6.11	17.0	1.63	1.47
	Rural	21	95.2	3.61	6.17	1.52	1.26
	Low Income	52	100.0	4.93	15.1	1.26	1.46
	Mid/High Income	65	93.8	6.06	16.2	1.91	1.38
	Home Children	66	93.9	5.04	8.13	1.89	1.43
	Day Care Children	55	100.0	6.44	21.5	1.34	1.42
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	98.4	0.238	0.493	0.092	1.23
	Urban	105	98.1	0.232	0.506	0.090	1.22
	Rural	21	100.0	0.267	0.433	0.103	1.31
	Low Income	57	100.0	0.218	0.380	0.098	1.12
	Mid/High Income	65	98.5	0.208	0.363	0.086	1.26
	Home Children	65	96.9	0.278	0.593	0.091	1.41
	Day Care Children	61	100.0	0.195	0.358	0.093	1.03
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	96.7	0.015	0.039	0.004	1.42
	Urban	100	97.0	0.016	0.043	0.005	1.46
	Rural	21	95.2	0.009	0.014	0.004	1.22
	Low Income	52	100.0	0.011	0.029	0.003	1.42
	Mid/High Income	65	93.8	0.017	0.046	0.006	1.38
	Home Children	66	93.9	0.015	0.026	0.006	1.41
	Day Care Children	55	100.0	0.015	0.051	0.003	1.40
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	98.4	0.580	1.20	0.224	1.23
	Urban	105	98.1	0.566	1.23	0.219	1.22
	Rural	21	100.0	0.650	1.06	0.252	1.31
	Low Income	57	100.0	0.531	0.928	0.240	1.12
	Mid/High Income	65	98.5	0.507	0.886	0.210	1.26
	Home Children	65	96.9	0.679	1.45	0.222	1.41
	Day Care Children	61	100.0	0.475	0.873	0.226	1.03
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	96.7	0.037	0.096	0.011	1.42
	Urban	100	97.0	0.040	0.104	0.011	1.46
	Rural	21	95.2	0.022	0.034	0.010	1.22
	Low Income	52	100.0	0.027	0.071	0.008	1.42
	Mid/High Income	65	93.8	0.043	0.112	0.014	1.38
	Home Children	66	93.9	0.036	0.063	0.013	1.41
	Day Care Children	55	100.0	0.038	0.125	0.008	1.40

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-9b. *alpha*-Chlordane (5103-71-9) : Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	5.83	9.53	29.6	208	560
	Urban	105	<MDL	5.83	9.49	27.9	132	560
	Rural	21	2.85	5.54	9.98	29.6	261	262
	Low Income	57	2.59	7.96	10.9	24.9	218	315
	Mid/High Income	65	<MDL	4.93	7.72	29.6	116	375
	Home Children	65	<MDL	4.38	7.96	36.9	132	560
	Day Care Children	61	4.37	7.70	10.2	21.9	208	315
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	0.219	0.546	1.68	9.75	50.0
	Urban	100	<MDL	0.202	0.553	1.69	9.89	50.0
	Rural	21	<MDL	0.274	0.540	1.28	7.12	10.2
	Low Income	52	0.069	0.174	0.381	1.19	7.12	43.5
	Mid/High Income	65	<MDL	0.315	0.619	2.07	9.75	50.0
	Home Children	66	<MDL	0.268	0.605	2.25	9.75	17.4
	Day Care Children	55	0.069	0.200	0.411	0.946	10.2	50.0
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	14.2	23.3	72.2	509	1,370
	Urban	105	<MDL	14.2	23.2	68.2	321	1,370
	Rural	21	6.96	13.5	24.4	72.2	638	640
	Low Income	57	6.32	19.4	26.7	60.7	531	768
	Mid/High Income	65	<MDL	12.0	18.8	72.2	282	914
	Home Children	65	<MDL	10.7	19.4	90.0	321	1,370
	Day Care Children	61	10.7	18.8	24.8	53.5	509	768
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	0.536	1.33	4.10	23.8	122
	Urban	100	<MDL	0.494	1.35	4.11	24.1	122
	Rural	21	<MDL	0.669	1.32	3.12	17.4	24.8
	Low Income	52	0.168	0.426	0.930	2.91	17.4	106
	Mid/High Income	65	<MDL	0.769	1.51	5.05	23.8	122
	Home Children	66	<MDL	0.655	1.48	5.49	23.8	42.5
	Day Care Children	55	0.168	0.487	1.00	2.31	24.8	122
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.041	0.064	0.175	0.960	3.93
	Urban	105	<MDL	0.040	0.067	0.168	0.890	3.93
	Rural	21	0.022	0.043	0.056	0.206	1.40	1.48
	Low Income	57	0.012	0.052	0.071	0.135	1.43	1.90
	Mid/High Income	65	<MDL	0.033	0.057	0.206	0.836	2.22
	Home Children	65	<MDL	0.031	0.056	0.259	0.960	3.93
	Day Care Children	61	0.024	0.046	0.069	0.135	0.890	1.90
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	0.001	0.004	0.011	0.054	0.332
	Urban	100	<MDL	0.001	0.004	0.011	0.066	0.332
	Rural	21	<MDL	0.002	0.003	0.009	0.040	0.054
	Low Income	52	0.000	0.001	0.002	0.007	0.040	0.197
	Mid/High Income	65	<MDL	0.002	0.005	0.014	0.058	0.332
	Home Children	66	<MDL	0.002	0.004	0.016	0.058	0.160
	Day Care Children	55	0.000	0.001	0.002	0.007	0.054	0.332
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.101	0.157	0.427	2.34	9.59
	Urban	105	<MDL	0.097	0.163	0.409	2.17	9.59
	Rural	21	0.054	0.106	0.137	0.503	3.43	3.62
	Low Income	57	0.029	0.126	0.173	0.329	3.48	4.64
	Mid/High Income	65	<MDL	0.082	0.140	0.503	2.04	5.41
	Home Children	65	<MDL	0.076	0.137	0.631	2.34	9.59
	Day Care Children	61	0.057	0.113	0.167	0.329	2.17	4.64
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	0.004	0.009	0.026	0.133	0.809
	Urban	100	<MDL	0.003	0.009	0.028	0.160	0.809
	Rural	21	<MDL	0.005	0.008	0.022	0.098	0.133
	Low Income	52	0.001	0.003	0.005	0.018	0.098	0.481
	Mid/High Income	65	<MDL	0.006	0.011	0.035	0.141	0.809
	Home Children	66	<MDL	0.005	0.010	0.038	0.141	0.390
	Day Care Children	55	0.001	0.003	0.006	0.018	0.133	0.809

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-10a. *gamma*-Chlordane (5103-74-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	100.0	66.1	128	24.2	1.32
	Urban	105	100.0	62.3	123	23.6	1.30
	Rural	21	100.0	85.3	150	27.4	1.44
	Low Income	57	100.0	69.8	118	28.5	1.23
	Mid/High Income	65	100.0	52.1	84.6	21.0	1.32
	Home Children	65	100.0	74.5	151	22.4	1.51
	Day Care Children	61	100.0	57.2	96.7	26.2	1.09
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	98.3	3.16	6.91	0.958	1.46
	Urban	99	99.0	3.28	7.24	0.969	1.49
	Rural	21	95.2	2.61	5.19	0.909	1.34
	Low Income	51	100.0	2.94	6.94	0.750	1.52
	Mid/High Income	65	96.9	3.18	6.79	1.13	1.39
	Home Children	65	96.9	3.08	4.53	1.12	1.47
	Day Care Children	55	100.0	3.25	8.99	0.793	1.44
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	100.0	161	311	59.0	1.32
	Urban	105	100.0	152	300	57.5	1.30
	Rural	21	100.0	208	367	66.8	1.44
	Low Income	57	100.0	170	288	69.7	1.23
	Mid/High Income	65	100.0	127	206	51.2	1.32
	Home Children	65	100.0	182	369	54.6	1.51
	Day Care Children	61	100.0	140	236	64.0	1.09
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	98.3	7.71	16.9	2.34	1.46
	Urban	99	99.0	7.99	17.7	2.36	1.49
	Rural	21	95.2	6.37	12.7	2.22	1.34
	Low Income	51	100.0	7.17	16.9	1.83	1.52
	Mid/High Income	65	96.9	7.76	16.6	2.75	1.39
	Home Children	65	96.9	7.51	11.1	2.74	1.47
	Day Care Children	55	100.0	7.94	21.9	1.93	1.44
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	100.0	0.426	0.837	0.162	1.28
	Urban	105	100.0	0.411	0.840	0.159	1.27
	Rural	21	100.0	0.498	0.837	0.179	1.36
	Low Income	57	100.0	0.425	0.746	0.177	1.21
	Mid/High Income	65	100.0	0.349	0.519	0.149	1.28
	Home Children	65	100.0	0.498	0.998	0.160	1.46
	Day Care Children	61	100.0	0.349	0.622	0.164	1.07
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	98.3	0.020	0.042	0.006	1.44
	Urban	99	99.0	0.021	0.045	0.007	1.48
	Rural	21	95.2	0.015	0.028	0.006	1.28
	Low Income	51	100.0	0.016	0.034	0.005	1.46
	Mid/High Income	65	96.9	0.022	0.046	0.008	1.38
	Home Children	65	96.9	0.021	0.032	0.008	1.43
	Day Care Children	55	100.0	0.019	0.052	0.005	1.42
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	100.0	1.04	2.04	0.395	1.28
	Urban	105	100.0	1.00	2.05	0.388	1.27
	Rural	21	100.0	1.22	2.04	0.436	1.36
	Low Income	57	100.0	1.04	1.82	0.432	1.21
	Mid/High Income	65	100.0	0.852	1.27	0.364	1.28
	Home Children	65	100.0	1.21	2.43	0.391	1.46
	Day Care Children	61	100.0	0.853	1.52	0.399	1.07
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	98.3	0.049	0.103	0.016	1.44
	Urban	99	99.0	0.052	0.109	0.016	1.48
	Rural	21	95.2	0.037	0.069	0.014	1.28
	Low Income	51	100.0	0.039	0.083	0.011	1.46
	Mid/High Income	65	96.9	0.054	0.113	0.020	1.38
	Home Children	65	96.9	0.051	0.078	0.020	1.43
	Day Care Children	55	100.0	0.047	0.127	0.012	1.42

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-10b. *gamma*-Chlordane (5103-74-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	1.64	9.71	16.7	61.1	300	944
	Urban	105	1.64	9.71	16.9	61.1	240	944
	Rural	21	5.47	10.1	16.5	43.8	340	588
	Low Income	57	4.22	13.5	17.1	52.7	392	588
	Mid/High Income	65	1.64	8.53	13.6	74.3	169	484
	Home Children	65	1.64	6.97	14.9	99.8	266	944
	Day Care Children	61	7.74	12.1	17.3	39.3	300	437
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	0.295	0.742	2.24	14.1	49.2
	Urban	99	<MDL	0.292	0.733	2.86	13.8	49.2
	Rural	21	<MDL	0.393	0.910	1.66	14.5	20.7
	Low Income	51	0.084	0.238	0.501	1.57	14.5	42.7
	Mid/High Income	65	<MDL	0.389	0.922	2.63	11.1	49.2
	Home Children	65	<MDL	0.368	0.910	4.02	13.8	20.4
	Day Care Children	55	0.084	0.269	0.522	1.69	20.7	49.2
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	4.00	23.7	40.6	149	733	2,300
	Urban	105	4.00	23.7	41.1	149	586	2,300
	Rural	21	13.3	24.8	40.4	107	830	1,440
	Low Income	57	10.3	32.9	41.7	129	957	1,440
	Mid/High Income	65	4.00	20.8	33.3	181	414	1,180
	Home Children	65	4.00	17.0	36.4	244	649	2,300
	Day Care Children	61	18.9	29.5	42.3	96.0	733	1,070
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	0.721	1.81	5.48	34.5	120
	Urban	99	<MDL	0.712	1.79	6.99	33.6	120
	Rural	21	<MDL	0.959	2.22	4.04	35.4	50.5
	Low Income	51	0.204	0.581	1.22	3.84	35.4	104
	Mid/High Income	65	<MDL	0.950	2.25	6.43	27.2	120
	Home Children	65	<MDL	0.898	2.22	9.80	33.6	49.7
	Day Care Children	55	0.204	0.658	1.28	4.12	50.5	120
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	0.015	0.070	0.114	0.395	1.66	6.62
	Urban	105	0.015	0.065	0.119	0.395	1.38	6.62
	Rural	21	0.031	0.078	0.100	0.305	1.83	3.32
	Low Income	57	0.021	0.080	0.126	0.276	1.78	3.82
	Mid/High Income	65	0.015	0.054	0.103	0.422	1.37	2.87
	Home Children	65	0.015	0.052	0.103	0.645	1.66	6.62
	Day Care Children	61	0.039	0.079	0.119	0.245	1.61	3.82
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	0.002	0.005	0.016	0.085	0.326
	Urban	99	<MDL	0.002	0.005	0.016	0.088	0.326
	Rural	21	<MDL	0.003	0.005	0.011	0.082	0.111
	Low Income	51	0.001	0.002	0.003	0.011	0.082	0.194
	Mid/High Income	65	<MDL	0.003	0.007	0.018	0.076	0.326
	Home Children	65	<MDL	0.003	0.006	0.022	0.082	0.152
	Day Care Children	55	0.001	0.002	0.003	0.011	0.111	0.326
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	0.036	0.170	0.278	0.964	4.04	16.2
	Urban	105	0.036	0.159	0.290	0.964	3.37	16.2
	Rural	21	0.075	0.191	0.245	0.745	4.46	8.11
	Low Income	57	0.052	0.195	0.306	0.673	4.34	9.32
	Mid/High Income	65	0.036	0.131	0.250	1.03	3.34	7.00
	Home Children	65	0.036	0.128	0.250	1.57	4.04	16.2
	Day Care Children	61	0.096	0.194	0.290	0.597	3.92	9.32
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	0.006	0.013	0.039	0.207	0.797
	Urban	99	<MDL	0.005	0.013	0.040	0.215	0.797
	Rural	21	<MDL	0.007	0.012	0.028	0.200	0.270
	Low Income	51	0.002	0.004	0.007	0.027	0.200	0.473
	Mid/High Income	65	<MDL	0.007	0.016	0.045	0.186	0.797
	Home Children	65	<MDL	0.006	0.014	0.054	0.200	0.372
	Day Care Children	55	0.002	0.005	0.008	0.028	0.270	0.797

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-11a. Chlorpyrifos (2921-88-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	100.0	165	286	82.6	1.11
	Urban	105	100.0	166	301	82.0	1.09
	Rural	21	100.0	162	202	85.2	1.23
	Low Income	57	100.0	184	314	94.8	1.13
	Mid/High Income	65	100.0	152	270	72.6	1.10
	Home Children	65	100.0	152	257	68.6	1.23
	Day Care Children	61	100.0	179	316	101	0.933
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	9.51	32.2	3.25	1.29
	Urban	100	100.0	6.81	11.1	3.15	1.20
	Rural	20	100.0	23.0	74.9	3.82	1.70
	Low Income	51	100.0	13.1	48.2	2.95	1.44
	Mid/High Income	65	100.0	6.78	9.35	3.39	1.19
	Home Children	65	100.0	6.93	11.7	3.04	1.25
	Day Care Children	55	100.0	12.6	45.8	3.52	1.35
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	100.0	472	816	235	1.11
	Urban	105	100.0	474	858	234	1.09
	Rural	21	100.0	461	577	243	1.23
	Low Income	57	100.0	524	894	270	1.13
	Mid/High Income	65	100.0	434	770	207	1.10
	Home Children	65	100.0	434	732	196	1.23
	Day Care Children	61	100.0	512	901	287	0.933
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	27.1	91.8	9.28	1.29
	Urban	100	100.0	19.4	31.7	8.99	1.20
	Rural	20	100.0	65.7	214	10.9	1.70
	Low Income	51	100.0	37.4	138	8.41	1.44
	Mid/High Income	65	100.0	19.3	26.7	9.68	1.19
	Home Children	65	100.0	19.8	33.5	8.68	1.25
	Day Care Children	55	100.0	35.8	131	10.0	1.35
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	100.0	1.13	2.13	0.553	1.10
	Urban	105	100.0	1.16	2.29	0.553	1.09
	Rural	21	100.0	0.961	1.03	0.556	1.19
	Low Income	57	100.0	1.23	2.61	0.587	1.13
	Mid/High Income	65	100.0	1.05	1.69	0.517	1.10
	Home Children	65	100.0	1.02	1.53	0.491	1.21
	Day Care Children	61	100.0	1.24	2.63	0.628	0.971
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	0.060	0.174	0.022	1.31
	Urban	100	100.0	0.047	0.069	0.021	1.24
	Rural	20	100.0	0.129	0.400	0.025	1.66
	Low Income	51	100.0	0.077	0.259	0.018	1.44
	Mid/High Income	65	100.0	0.048	0.060	0.024	1.21
	Home Children	65	100.0	0.047	0.067	0.022	1.25
	Day Care Children	55	100.0	0.076	0.247	0.022	1.39
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	100.0	3.21	6.08	1.58	1.10
	Urban	105	100.0	3.31	6.53	1.58	1.09
	Rural	21	100.0	2.74	2.93	1.59	1.19
	Low Income	57	100.0	3.50	7.46	1.67	1.13
	Mid/High Income	65	100.0	3.00	4.81	1.47	1.10
	Home Children	65	100.0	2.92	4.37	1.40	1.21
	Day Care Children	61	100.0	3.53	7.51	1.79	0.971
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	0.172	0.498	0.063	1.31
	Urban	100	100.0	0.133	0.198	0.061	1.24
	Rural	20	100.0	0.368	1.14	0.071	1.66
	Low Income	51	100.0	0.218	0.739	0.053	1.44
	Mid/High Income	65	100.0	0.136	0.170	0.069	1.21
	Home Children	65	100.0	0.134	0.192	0.062	1.25
	Day Care Children	55	100.0	0.218	0.706	0.064	1.39

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-11b. Chlorpyrifos (2921-88-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	3.50	35.9	69.1	164	572	2,180
	Urban	105	5.62	38.7	66.8	159	541	2,180
	Rural	21	3.50	35.7	89.5	166	674	711
	Low Income	57	3.50	49.8	91.9	167	674	2,180
	Mid/High Income	65	5.62	35.7	57.5	139	572	1,690
	Home Children	65	3.50	29.8	57.8	154	572	1,690
	Day Care Children	61	28.4	52.7	78.7	166	487	2,180
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	0.279	1.16	3.19	6.51	29.5	340
	Urban	100	0.279	1.25	3.19	6.21	29.5	75.6
	Rural	20	0.307	0.937	3.59	10.4	182	340
	Low Income	51	0.307	0.920	2.74	6.47	34.8	340
	Mid/High Income	65	0.279	1.45	3.65	6.55	28.8	43.2
	Home Children	65	0.307	1.07	2.57	6.43	24.2	75.6
	Day Care Children	55	0.279	1.37	3.47	7.58	34.8	340
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	9.99	102	197	467	1,630	6,220
	Urban	105	16.0	110	191	453	1,540	6,220
	Rural	21	9.99	102	255	473	1,920	2,030
	Low Income	57	9.99	142	262	476	1,920	6,220
	Mid/High Income	65	16.0	102	164	397	1,630	4,830
	Home Children	65	9.99	85.0	165	440	1,630	4,830
	Day Care Children	61	80.9	150	224	473	1,390	6,220
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	0.795	3.30	9.10	18.6	84.2	969
	Urban	100	0.795	3.55	9.10	17.7	84.2	216
	Rural	20	0.877	2.67	10.2	29.6	520	969
	Low Income	51	0.877	2.62	7.81	18.5	99.2	969
	Mid/High Income	65	0.795	4.13	10.4	18.7	82.1	123
	Home Children	65	0.877	3.06	7.32	18.3	69.0	216
	Day Care Children	55	0.795	3.91	9.88	21.6	99.2	969
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	0.019	0.270	0.453	1.08	3.80	19.1
	Urban	105	0.050	0.283	0.436	1.03	4.70	19.1
	Rural	21	0.019	0.263	0.624	1.14	3.24	3.80
	Low Income	57	0.019	0.323	0.495	1.01	3.80	19.1
	Mid/High Income	65	0.050	0.260	0.387	1.08	4.70	9.10
	Home Children	65	0.019	0.247	0.429	1.01	3.80	9.10
	Day Care Children	61	0.179	0.327	0.478	1.13	3.33	19.1
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.002	0.009	0.021	0.051	0.199	1.82
	Urban	100	0.002	0.009	0.019	0.047	0.199	0.385
	Rural	20	0.002	0.007	0.027	0.071	0.992	1.82
	Low Income	51	0.002	0.007	0.016	0.038	0.304	1.82
	Mid/High Income	65	0.002	0.011	0.027	0.054	0.188	0.262
	Home Children	65	0.002	0.009	0.019	0.054	0.176	0.385
	Day Care Children	55	0.002	0.010	0.021	0.049	0.262	1.82
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	0.056	0.770	1.29	3.08	10.9	54.3
	Urban	105	0.142	0.807	1.24	2.94	13.4	54.3
	Rural	21	0.056	0.750	1.78	3.25	9.23	10.9
	Low Income	57	0.056	0.922	1.41	2.88	10.9	54.3
	Mid/High Income	65	0.142	0.743	1.10	3.08	13.4	25.9
	Home Children	65	0.056	0.703	1.22	2.88	10.9	25.9
	Day Care Children	61	0.510	0.931	1.36	3.21	9.49	54.3
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.005	0.025	0.059	0.146	0.567	5.18
	Urban	100	0.005	0.026	0.054	0.135	0.567	1.10
	Rural	20	0.007	0.020	0.078	0.204	2.83	5.18
	Low Income	51	0.005	0.021	0.047	0.108	0.867	5.18
	Mid/High Income	65	0.006	0.032	0.078	0.155	0.537	0.747
	Home Children	65	0.007	0.025	0.055	0.155	0.503	1.10
	Day Care Children	55	0.005	0.029	0.060	0.139	0.747	5.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-12a. Chrysene (218-01-9): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	81.0	2.26	2.82	1.57	0.750
	Urban	105	82.9	2.28	2.71	1.60	0.749
	Rural	21	71.4	2.16	3.39	1.41	0.762
	Low Income	57	89.5	2.82	3.00	1.98	0.784
	Mid/High Income	65	72.3	1.75	2.61	1.27	0.650
	Home Children	65	80.0	2.65	3.62	1.64	0.875
	Day Care Children	61	82.0	1.84	1.50	1.49	0.591
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	13.3	40.4	4.56	1.18
	Urban	96	100.0	8.99	16.5	4.47	1.07
	Rural	21	100.0	32.9	87.6	4.99	1.62
	Low Income	52	100.0	8.40	19.1	3.61	1.09
	Mid/High Income	61	100.0	18.1	52.8	5.79	1.23
	Home Children	62	100.0	7.94	14.6	4.20	1.03
	Day Care Children	55	100.0	19.3	56.5	5.01	1.33
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	81.0	9.89	12.4	6.88	0.750
	Urban	105	82.9	9.98	11.9	7.02	0.749
	Rural	21	71.4	9.46	14.9	6.19	0.762
	Low Income	57	89.5	12.4	13.1	8.68	0.784
	Mid/High Income	65	72.3	7.67	11.4	5.58	0.650
	Home Children	65	80.0	11.6	15.9	7.20	0.875
	Day Care Children	61	82.0	8.05	6.55	6.55	0.591
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	58.2	177	20.0	1.18
	Urban	96	100.0	39.4	72.3	19.6	1.07
	Rural	21	100.0	144	384	21.9	1.62
	Low Income	52	100.0	36.8	83.8	15.8	1.09
	Mid/High Income	61	100.0	79.5	231	25.4	1.23
	Home Children	62	100.0	34.8	64.1	18.4	1.03
	Day Care Children	55	100.0	84.6	247	21.9	1.33
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	81.0	0.016	0.023	0.011	0.795
	Urban	105	82.9	0.016	0.021	0.011	0.793
	Rural	21	71.4	0.016	0.031	0.009	0.810
	Low Income	57	89.5	0.019	0.024	0.012	0.867
	Mid/High Income	65	72.3	0.013	0.021	0.009	0.699
	Home Children	65	80.0	0.020	0.030	0.012	0.926
	Day Care Children	61	82.0	0.012	0.009	0.009	0.611
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.086	0.246	0.031	1.18
	Urban	96	100.0	0.060	0.109	0.030	1.05
	Rural	21	100.0	0.208	0.526	0.033	1.68
	Low Income	52	100.0	0.053	0.123	0.023	1.09
	Mid/High Income	61	100.0	0.119	0.319	0.041	1.21
	Home Children	62	100.0	0.059	0.113	0.030	1.05
	Day Care Children	55	100.0	0.117	0.338	0.032	1.32
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	81.0	0.070	0.099	0.046	0.795
	Urban	105	82.9	0.070	0.092	0.047	0.793
	Rural	21	71.4	0.069	0.134	0.040	0.810
	Low Income	57	89.5	0.084	0.107	0.054	0.867
	Mid/High Income	65	72.3	0.057	0.093	0.040	0.699
	Home Children	65	80.0	0.088	0.130	0.052	0.926
	Day Care Children	61	82.0	0.051	0.041	0.041	0.611
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.377	1.08	0.135	1.18
	Urban	96	100.0	0.261	0.477	0.133	1.05
	Rural	21	100.0	0.910	2.30	0.143	1.68
	Low Income	52	100.0	0.231	0.540	0.099	1.09
	Mid/High Income	61	100.0	0.520	1.40	0.181	1.21
	Home Children	62	100.0	0.258	0.496	0.131	1.05
	Day Care Children	55	100.0	0.512	1.48	0.139	1.32

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-12b. Chrysene (218-01-9): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	0.871	1.21	2.51	6.41	20.8
	Urban	105	<MDL	0.884	1.21	2.61	6.41	20.8
	Rural	21	<MDL	<MDL	1.18	2.01	3.74	16.5
	Low Income	57	<MDL	1.05	1.56	3.09	10.5	16.5
	Mid/High Income	65	<MDL	<MDL	0.907	1.78	4.29	20.8
	Home Children	65	<MDL	0.773	1.20	3.00	10.5	20.8
	Day Care Children	61	<MDL	0.905	1.21	2.16	5.31	8.36
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.498	2.13	4.15	7.98	55.1	326
	Urban	96	0.498	2.25	4.16	8.12	33.1	104
	Rural	21	0.752	1.94	3.45	6.52	261	326
	Low Income	52	0.534	1.73	3.34	6.32	27.1	104
	Mid/High Income	61	0.498	2.54	4.97	9.44	55.1	326
	Home Children	62	0.498	2.13	4.28	6.78	19.3	95.0
	Day Care Children	55	0.786	2.04	3.81	9.42	104	326
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	3.81	5.30	11.0	28.1	91.1
	Urban	105	<MDL	3.87	5.32	11.4	28.1	91.1
	Rural	21	<MDL	<MDL	5.19	8.80	16.4	72.2
	Low Income	57	<MDL	4.62	6.83	13.5	45.9	72.2
	Mid/High Income	65	<MDL	<MDL	3.97	7.81	18.8	91.1
	Home Children	65	<MDL	3.38	5.28	13.1	45.9	91.1
	Day Care Children	61	<MDL	3.96	5.32	9.47	23.3	36.6
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	2.18	9.34	18.2	34.9	242	1,430
	Urban	96	2.18	9.84	18.2	35.5	145	453
	Rural	21	3.29	8.48	15.1	28.6	1,140	1,430
	Low Income	52	2.34	7.56	14.6	27.7	119	453
	Mid/High Income	61	2.18	11.1	21.8	41.3	242	1,430
	Home Children	62	2.18	9.34	18.7	29.7	84.4	416
	Day Care Children	55	3.44	8.93	16.7	41.3	453	1,430
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.006	0.008	0.016	0.045	0.167
	Urban	105	<MDL	0.006	0.009	0.016	0.045	0.167
	Rural	21	<MDL	<MDL	0.007	0.015	0.019	0.148
	Low Income	57	<MDL	0.007	0.011	0.024	0.084	0.148
	Mid/High Income	65	<MDL	<MDL	0.007	0.012	0.039	0.167
	Home Children	65	<MDL	0.006	0.009	0.023	0.084	0.167
	Day Care Children	61	<MDL	0.006	0.008	0.014	0.029	0.048
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.004	0.014	0.027	0.053	0.354	1.80
	Urban	96	0.004	0.015	0.027	0.058	0.220	0.684
	Rural	21	0.006	0.010	0.020	0.043	1.75	1.80
	Low Income	52	0.004	0.011	0.020	0.039	0.170	0.684
	Mid/High Income	61	0.004	0.018	0.034	0.074	0.354	1.80
	Home Children	62	0.004	0.015	0.031	0.051	0.108	0.684
	Day Care Children	55	0.005	0.014	0.023	0.063	0.603	1.80
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.025	0.036	0.069	0.198	0.733
	Urban	105	<MDL	0.026	0.039	0.069	0.198	0.733
	Rural	21	<MDL	<MDL	0.029	0.064	0.082	0.647
	Low Income	57	<MDL	0.029	0.047	0.106	0.367	0.647
	Mid/High Income	65	<MDL	<MDL	0.032	0.051	0.170	0.733
	Home Children	65	<MDL	0.026	0.039	0.101	0.367	0.733
	Day Care Children	61	<MDL	0.025	0.035	0.063	0.127	0.212
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.016	0.062	0.117	0.234	1.55	7.87
	Urban	96	0.016	0.065	0.117	0.252	0.964	3.00
	Rural	21	0.025	0.042	0.089	0.190	7.67	7.87
	Low Income	52	0.016	0.047	0.088	0.171	0.743	3.00
	Mid/High Income	61	0.019	0.079	0.148	0.324	1.55	7.87
	Home Children	62	0.016	0.067	0.136	0.225	0.472	3.00
	Day Care Children	55	0.020	0.060	0.102	0.275	2.64	7.87

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-13a. Cyfluthrin (68359-37-5): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	4.0	--	--	--	--
	Urban	105	3.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	52.9	7.40	14.8	1.89	1.63
	Urban	100	52.0	6.87	14.4	1.85	1.57
	Rural	21	57.1	9.92	17.1	2.12	1.94
	Low Income	52	53.8	4.72	10.1	1.21	1.56
	Mid/High Income	65	52.3	9.80	17.8	2.67	1.65
	Home Children	66	56.1	6.71	11.1	2.22	1.55
	Day Care Children	55	49.1	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	4.0	--	--	--	--
	Urban	105	3.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	52.9	17.0	34.2	4.35	1.63
	Urban	100	52.0	15.8	33.1	4.25	1.57
	Rural	21	57.1	22.8	39.3	4.87	1.94
	Low Income	52	53.8	10.9	23.3	2.78	1.56
	Mid/High Income	65	52.3	22.6	41.1	6.14	1.65
	Home Children	66	56.1	15.4	25.6	5.11	1.55
	Day Care Children	55	49.1	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	4.0	--	--	--	--
	Urban	105	3.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	52.9	0.049	0.098	0.013	1.62
	Urban	100	52.0	0.046	0.092	0.013	1.56
	Rural	21	57.1	0.067	0.123	0.014	1.95
	Low Income	52	53.8	0.031	0.074	0.008	1.55
	Mid/High Income	65	52.3	0.066	0.114	0.019	1.61
	Home Children	66	56.1	0.051	0.094	0.016	1.56
	Day Care Children	55	49.1	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	4.0	--	--	--	--
	Urban	105	3.8	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	52.9	0.114	0.225	0.029	1.62
	Urban	100	52.0	0.105	0.211	0.029	1.56
	Rural	21	57.1	0.154	0.283	0.032	1.95
	Low Income	52	53.8	0.072	0.170	0.017	1.55
	Mid/High Income	65	52.3	0.151	0.262	0.044	1.61
	Home Children	66	56.1	0.118	0.216	0.037	1.56
	Day Care Children	55	49.1	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-13b. Cyfluthrin (68359-37-5): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	1,500
	Urban	105	<MDL	<MDL	<MDL	<MDL	<MDL	1,500
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	12.3
	Low Income	57	<MDL	<MDL	<MDL	<MDL	12.3	1,500
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	10.5
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	10.5	1,500
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	<MDL	1.16	6.12	38.8	101
	Urban	100	<MDL	<MDL	1.12	5.79	38.6	101
	Rural	21	<MDL	<MDL	1.75	11.3	40.7	67.7
	Low Income	52	<MDL	<MDL	0.857	4.22	23.6	56.8
	Mid/High Income	65	<MDL	<MDL	1.75	10.0	41.8	101
	Home Children	66	<MDL	<MDL	1.74	9.04	24.4	56.8
	Day Care Children	55	<MDL	<MDL	<MDL	4.35	41.8	101
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	3,440
	Urban	105	<MDL	<MDL	<MDL	<MDL	<MDL	3,440
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	28.3
	Low Income	57	<MDL	<MDL	<MDL	<MDL	28.3	3,440
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	24.2
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	24.2	3,440
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	<MDL	2.68	14.1	89.4	233
	Urban	100	<MDL	<MDL	2.57	13.3	88.9	233
	Rural	21	<MDL	<MDL	4.02	25.9	93.7	156
	Low Income	52	<MDL	<MDL	1.97	9.72	54.3	131
	Mid/High Income	65	<MDL	<MDL	4.02	23.1	96.2	233
	Home Children	66	<MDL	<MDL	4.01	20.8	56.1	131
	Day Care Children	55	<MDL	<MDL	<MDL	10.0	96.2	233
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	12.9
	Urban	105	<MDL	<MDL	<MDL	<MDL	<MDL	12.9
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	0.069
	Low Income	57	<MDL	<MDL	<MDL	<MDL	0.073	12.9
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.077
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	0.069	12.9
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	<MDL	0.008	0.043	0.243	0.491
	Urban	100	<MDL	<MDL	0.008	0.038	0.233	0.491
	Rural	21	<MDL	<MDL	0.015	0.070	0.361	0.466
	Low Income	52	<MDL	<MDL	0.005	0.017	0.119	0.464
	Mid/High Income	65	<MDL	<MDL	0.014	0.059	0.361	0.491
	Home Children	66	<MDL	<MDL	0.014	0.054	0.243	0.464
	Day Care Children	55	<MDL	<MDL	<MDL	0.034	0.285	0.491
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	29.6
	Urban	105	<MDL	<MDL	<MDL	<MDL	<MDL	29.6
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	0.159
	Low Income	57	<MDL	<MDL	<MDL	<MDL	0.168	29.6
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.176
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	0.159	29.6
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	<MDL	0.018	0.100	0.560	1.13
	Urban	100	<MDL	<MDL	0.018	0.088	0.537	1.13
	Rural	21	<MDL	<MDL	0.034	0.161	0.832	1.07
	Low Income	52	<MDL	<MDL	0.012	0.039	0.274	1.07
	Mid/High Income	65	<MDL	<MDL	0.033	0.137	0.832	1.13
	Home Children	66	<MDL	<MDL	0.033	0.124	0.560	1.07
	Day Care Children	55	<MDL	<MDL	<MDL	0.077	0.656	1.13

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-14a. Diazinon (333-41-5): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	100.0	333	1,950	30.0	1.48
	Urban	105	100.0	384	2,130	29.3	1.53
	Rural	21	100.0	79.9	147	33.7	1.25
	Low Income	57	100.0	167	481	46.2	1.30
	Mid/High Income	65	100.0	495	2,680	20.8	1.54
	Home Children	65	100.0	411	2,300	26.5	1.68
	Day Care Children	61	100.0	250	1,510	34.3	1.23
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	95.9	7.19	34.5	0.592	1.64
	Urban	100	95.0	8.38	37.8	0.571	1.70
	Rural	21	100.0	1.49	1.81	0.699	1.31
	Low Income	52	100.0	5.66	23.0	0.776	1.59
	Mid/High Income	65	92.3	8.68	42.4	0.460	1.66
	Home Children	66	95.5	9.27	39.3	0.681	1.79
	Day Care Children	55	96.4	4.69	27.8	0.500	1.45
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	100.0	1,090	6,400	98.6	1.48
	Urban	105	100.0	1,260	7,010	96.4	1.53
	Rural	21	100.0	263	483	111	1.25
	Low Income	57	100.0	548	1,580	152	1.30
	Mid/High Income	65	100.0	1,630	8,790	68.4	1.54
	Home Children	65	100.0	1,350	7,550	86.9	1.68
	Day Care Children	61	100.0	821	4,950	113	1.23
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	95.9	23.6	113	1.94	1.64
	Urban	100	95.0	27.5	124	1.88	1.70
	Rural	21	100.0	4.89	5.94	2.30	1.31
	Low Income	52	100.0	18.6	75.6	2.55	1.59
	Mid/High Income	65	92.3	28.5	139	1.51	1.66
	Home Children	66	95.5	30.4	129	2.24	1.79
	Day Care Children	55	96.4	15.4	91.2	1.64	1.45
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	100.0	2.22	12.6	0.201	1.49
	Urban	105	100.0	2.54	13.8	0.198	1.53
	Rural	21	100.0	0.599	1.31	0.220	1.28
	Low Income	57	100.0	1.19	3.64	0.286	1.35
	Mid/High Income	65	100.0	3.23	17.3	0.148	1.55
	Home Children	65	100.0	2.83	15.1	0.190	1.70
	Day Care Children	61	100.0	1.56	9.37	0.214	1.22
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	95.9	0.048	0.224	0.004	1.66
	Urban	100	95.0	0.056	0.245	0.004	1.72
	Rural	21	100.0	0.010	0.014	0.005	1.32
	Low Income	52	100.0	0.038	0.152	0.005	1.59
	Mid/High Income	65	92.3	0.058	0.274	0.003	1.71
	Home Children	66	95.5	0.064	0.259	0.005	1.80
	Day Care Children	55	96.4	0.029	0.173	0.003	1.45
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	100.0	7.28	41.6	0.661	1.49
	Urban	105	100.0	8.35	45.5	0.649	1.53
	Rural	21	100.0	1.97	4.30	0.723	1.28
	Low Income	57	100.0	3.91	11.9	0.941	1.35
	Mid/High Income	65	100.0	10.6	56.8	0.487	1.55
	Home Children	65	100.0	9.31	49.8	0.623	1.70
	Day Care Children	61	100.0	5.12	30.8	0.704	1.22
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	95.9	0.158	0.735	0.013	1.66
	Urban	100	95.0	0.185	0.806	0.013	1.72
	Rural	21	100.0	0.033	0.046	0.015	1.32
	Low Income	52	100.0	0.125	0.500	0.016	1.59
	Mid/High Income	65	92.3	0.191	0.900	0.011	1.71
	Home Children	66	95.5	0.210	0.850	0.016	1.80
	Day Care Children	55	96.4	0.097	0.568	0.010	1.45

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-14b. Diazinon (333-41-5): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	4.13	11.7	22.8	47.0	438	18,300
	Urban	105	4.13	11.4	22.8	44.4	438	18,300
	Rural	21	5.22	13.9	21.1	99.3	166	680
	Low Income	57	6.57	21.3	30.1	82.5	680	3,170
	Mid/High Income	65	4.13	8.81	12.8	27.9	292	18,300
	Home Children	65	4.13	7.23	17.0	44.7	680	18,300
	Day Care Children	61	9.37	15.3	24.1	48.5	337	11,800
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	0.193	0.426	1.30	9.48	275
	Urban	100	<MDL	0.176	0.388	1.10	29.1	275
	Rural	21	0.065	0.288	0.595	1.99	4.50	6.16
	Low Income	52	0.078	0.270	0.580	1.62	22.5	156
	Mid/High Income	65	<MDL	0.173	0.367	0.792	8.91	275
	Home Children	66	<MDL	0.193	0.462	1.13	35.8	275
	Day Care Children	55	<MDL	0.177	0.349	1.34	4.13	207
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	13.6	38.4	74.8	155	1,440	60,100
	Urban	105	13.6	37.3	74.9	146	1,440	60,100
	Rural	21	17.2	45.6	69.5	326	546	2,230
	Low Income	57	21.6	69.8	99.0	271	2,230	10,400
	Mid/High Income	65	13.6	28.9	42.0	91.8	959	60,100
	Home Children	65	13.6	23.8	55.9	147	2,230	60,100
	Day Care Children	61	30.8	50.4	79.2	160	1,110	38,700
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	0.633	1.40	4.28	31.1	905
	Urban	100	<MDL	0.578	1.27	3.63	95.7	905
	Rural	21	0.215	0.946	1.95	6.53	14.8	20.3
	Low Income	52	0.255	0.888	1.91	5.31	73.9	512
	Mid/High Income	65	<MDL	0.569	1.21	2.60	29.3	905
	Home Children	66	<MDL	0.633	1.52	3.71	118	905
	Day Care Children	55	<MDL	0.580	1.15	4.40	13.6	679
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	0.031	0.081	0.144	0.338	3.10	120
	Urban	105	0.031	0.078	0.141	0.308	3.10	120
	Rural	21	0.036	0.092	0.150	0.434	1.18	6.09
	Low Income	57	0.033	0.112	0.198	0.434	6.09	22.8
	Mid/High Income	65	0.031	0.063	0.090	0.209	1.66	120
	Home Children	65	0.031	0.063	0.109	0.338	6.09	120
	Day Care Children	61	0.057	0.096	0.158	0.308	1.96	73.4
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	0.001	0.003	0.008	0.075	1.81
	Urban	100	<MDL	0.001	0.003	0.008	0.256	1.81
	Rural	21	0.000	0.002	0.004	0.016	0.040	0.055
	Low Income	52	0.001	0.002	0.004	0.012	0.193	1.01
	Mid/High Income	65	<MDL	0.001	0.002	0.005	0.075	1.81
	Home Children	66	<MDL	0.001	0.004	0.008	0.318	1.81
	Day Care Children	55	<MDL	0.001	0.002	0.008	0.024	1.29
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	0.102	0.265	0.473	1.11	10.2	394
	Urban	105	0.102	0.256	0.463	1.01	10.2	394
	Rural	21	0.120	0.303	0.491	1.43	3.89	20.0
	Low Income	57	0.110	0.369	0.650	1.43	20.0	75.0
	Mid/High Income	65	0.102	0.207	0.297	0.687	5.44	394
	Home Children	65	0.102	0.206	0.358	1.11	20.0	394
	Day Care Children	61	0.186	0.315	0.520	1.01	6.45	241
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	0.005	0.010	0.026	0.248	5.93
	Urban	100	<MDL	0.004	0.009	0.026	0.840	5.93
	Rural	21	0.001	0.006	0.012	0.051	0.132	0.180
	Low Income	52	0.002	0.005	0.013	0.041	0.636	3.32
	Mid/High Income	65	<MDL	0.004	0.008	0.017	0.248	5.93
	Home Children	66	<MDL	0.005	0.012	0.026	1.04	5.93
	Day Care Children	55	<MDL	0.004	0.008	0.028	0.078	4.22

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-15a. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	9.5	--	--	--	--
	Urban	105	11.4	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	57	12.3	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	98.3	2.43	5.22	1.08	1.15
	Urban	97	97.9	2.01	3.50	1.03	1.12
	Rural	21	100.0	4.38	9.78	1.34	1.29
	Low Income	52	100.0	1.88	4.02	0.827	1.19
	Mid/High Income	62	98.4	3.01	6.15	1.41	1.07
	Home Children	63	96.8	1.80	2.90	1.05	0.999
	Day Care Children	55	100.0	3.16	6.95	1.10	1.31
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	9.5	--	--	--	--
	Urban	105	11.4	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	57	12.3	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	98.3	8.74	18.7	3.87	1.15
	Urban	97	97.9	7.23	12.6	3.69	1.12
	Rural	21	100.0	15.7	35.1	4.81	1.29
	Low Income	52	100.0	6.77	14.4	2.97	1.19
	Mid/High Income	62	98.4	10.8	22.1	5.05	1.07
	Home Children	63	96.8	6.45	10.4	3.78	0.999
	Day Care Children	55	100.0	11.4	25.0	3.96	1.31
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	9.5	--	--	--	--
	Urban	105	11.4	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	57	12.3	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	98.3	0.016	0.034	0.007	1.15
	Urban	97	97.9	0.013	0.023	0.007	1.10
	Rural	21	100.0	0.029	0.062	0.009	1.37
	Low Income	52	100.0	0.012	0.026	0.005	1.18
	Mid/High Income	62	98.4	0.020	0.039	0.010	1.06
	Home Children	63	96.8	0.013	0.022	0.008	1.01
	Day Care Children	55	100.0	0.020	0.043	0.007	1.30
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	9.5	--	--	--	--
	Urban	105	11.4	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	57	12.3	--	--	--	--
	Mid/High Income	65	7.7	--	--	--	--
	Home Children	65	10.8	--	--	--	--
	Day Care Children	61	8.2	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	98.3	0.058	0.121	0.026	1.15
	Urban	97	97.9	0.048	0.082	0.025	1.10
	Rural	21	100.0	0.104	0.224	0.031	1.37
	Low Income	52	100.0	0.043	0.094	0.019	1.18
	Mid/High Income	62	98.4	0.074	0.141	0.036	1.06
	Home Children	63	96.8	0.048	0.080	0.027	1.01
	Day Care Children	55	100.0	0.070	0.155	0.025	1.30

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-15b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	0.967	2.86
	Urban	105	<MDL	<MDL	<MDL	<MDL	1.04	2.86
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	57	<MDL	<MDL	<MDL	<MDL	1.22	2.86
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.772	0.967
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.967	2.86
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	1.04	1.22
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	<MDL	0.558	0.962	1.96	12.3	37.1
	Urban	97	<MDL	0.558	0.963	1.96	8.97	22.1
	Rural	21	0.308	0.581	0.846	1.96	29.5	37.1
	Low Income	52	0.035	0.493	0.713	1.55	6.70	22.1
	Mid/High Income	62	<MDL	0.684	1.22	2.26	12.3	37.1
	Home Children	63	<MDL	0.588	1.14	1.93	4.54	19.7
	Day Care Children	55	0.035	0.495	0.838	2.24	22.1	37.1
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	3.48	10.3
	Urban	105	<MDL	<MDL	<MDL	<MDL	3.74	10.3
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	57	<MDL	<MDL	<MDL	<MDL	4.39	10.3
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	2.77	3.48
	Home Children	65	<MDL	<MDL	<MDL	<MDL	3.48	10.3
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	3.74	4.39
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	<MDL	2.00	3.46	7.05	44.3	133
	Urban	97	<MDL	2.00	3.46	7.04	32.2	79.5
	Rural	21	1.11	2.09	3.04	7.05	106	133
	Low Income	52	0.125	1.77	2.56	5.58	24.1	79.5
	Mid/High Income	62	<MDL	2.46	4.38	8.13	44.3	133
	Home Children	63	<MDL	2.11	4.08	6.94	16.3	70.9
	Day Care Children	55	0.127	1.78	3.01	8.06	79.5	133
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	0.007	0.020
	Urban	105	<MDL	<MDL	<MDL	<MDL	0.007	0.020
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	57	<MDL	<MDL	<MDL	<MDL	0.009	0.020
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.007	0.008
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.008	0.020
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	0.007	0.009
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	<MDL	0.004	0.006	0.014	0.066	0.255
	Urban	97	<MDL	0.004	0.006	0.014	0.055	0.142
	Rural	21	0.002	0.003	0.005	0.015	0.158	0.255
	Low Income	52	0.000	0.003	0.005	0.009	0.042	0.142
	Mid/High Income	62	<MDL	0.005	0.009	0.018	0.066	0.255
	Home Children	63	<MDL	0.004	0.008	0.013	0.029	0.142
	Day Care Children	55	0.000	0.003	0.005	0.016	0.129	0.255
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	<MDL	<MDL	0.026	0.072
	Urban	105	<MDL	<MDL	<MDL	<MDL	0.026	0.072
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	57	<MDL	<MDL	<MDL	<MDL	0.032	0.072
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.024	0.028
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.028	0.072
	Day Care Children	61	<MDL	<MDL	<MDL	<MDL	0.026	0.032
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	<MDL	0.013	0.023	0.050	0.237	0.917
	Urban	97	<MDL	0.014	0.023	0.049	0.197	0.510
	Rural	21	0.006	0.012	0.019	0.052	0.569	0.917
	Low Income	52	0.001	0.010	0.017	0.032	0.151	0.510
	Mid/High Income	62	<MDL	0.016	0.032	0.065	0.237	0.917
	Home Children	63	<MDL	0.015	0.027	0.047	0.105	0.510
	Day Care Children	55	0.001	0.011	0.019	0.058	0.463	0.917

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-16a. Di-*n*-butylphthalate (84-74-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	100.0	2,910	1,460	2,590	0.498
	Urban	105	100.0	2,970	1,540	2,620	0.514
	Rural	21	100.0	2,650	951	2,460	0.415
	Low Income	57	100.0	3,180	1,510	2,880	0.440
	Mid/High Income	65	100.0	2,610	1,140	2,340	0.508
	Home Children	65	100.0	2,580	1,500	2,230	0.551
	Day Care Children	61	100.0	3,270	1,350	3,040	0.376
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	100.0	215	216	153	0.791
	Urban	97	100.0	229	232	159	0.828
	Rural	21	100.0	154	104	129	0.579
	Low Income	51	100.0	197	210	131	0.866
	Mid/High Income	63	100.0	226	217	172	0.695
	Home Children	63	100.0	226	238	164	0.740
	Day Care Children	55	100.0	203	190	142	0.846
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	100.0	10,500	5,250	9,310	0.498
	Urban	105	100.0	10,700	5,540	9,410	0.514
	Rural	21	100.0	9,510	3,420	8,840	0.415
	Low Income	57	100.0	11,400	5,410	10,300	0.440
	Mid/High Income	65	100.0	9,390	4,080	8,410	0.508
	Home Children	65	100.0	9,260	5,370	8,010	0.551
	Day Care Children	61	100.0	11,700	4,830	10,900	0.376
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	100.0	774	778	551	0.791
	Urban	97	100.0	822	833	572	0.828
	Rural	21	100.0	553	374	465	0.579
	Low Income	51	100.0	707	754	472	0.866
	Mid/High Income	63	100.0	811	781	617	0.695
	Home Children	63	100.0	813	854	590	0.740
	Day Care Children	55	100.0	729	684	509	0.846
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	100.0	19.8	11.1	17.4	0.518
	Urban	105	100.0	20.3	11.6	17.6	0.532
	Rural	21	100.0	17.6	7.49	16.1	0.448
	Low Income	57	100.0	20.6	11.9	17.8	0.537
	Mid/High Income	65	100.0	18.5	8.34	16.7	0.483
	Home Children	65	100.0	18.6	11.3	16.0	0.559
	Day Care Children	61	100.0	21.2	10.7	19.0	0.459
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	100.0	1.47	1.54	1.03	0.814
	Urban	97	100.0	1.56	1.64	1.08	0.845
	Rural	21	100.0	1.05	0.835	0.844	0.629
	Low Income	51	100.0	1.19	1.22	0.815	0.852
	Mid/High Income	63	100.0	1.65	1.70	1.22	0.722
	Home Children	63	100.0	1.66	1.81	1.17	0.797
	Day Care Children	55	100.0	1.25	1.14	0.899	0.818
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	100.0	71.3	39.7	62.4	0.518
	Urban	105	100.0	72.9	41.7	63.4	0.532
	Rural	21	100.0	63.2	26.9	57.7	0.448
	Low Income	57	100.0	74.1	42.7	64.1	0.537
	Mid/High Income	65	100.0	66.5	29.9	59.9	0.483
	Home Children	65	100.0	66.9	40.8	57.4	0.559
	Day Care Children	61	100.0	76.0	38.4	68.2	0.459
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	100.0	5.28	5.54	3.71	0.814
	Urban	97	100.0	5.61	5.90	3.88	0.845
	Rural	21	100.0	3.76	3.00	3.03	0.629
	Low Income	51	100.0	4.28	4.39	2.93	0.852
	Mid/High Income	63	100.0	5.91	6.10	4.40	0.722
	Home Children	63	100.0	5.97	6.50	4.19	0.797
	Day Care Children	55	100.0	4.49	4.08	3.23	0.818

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-16b. Di-*n*-butylphthalate (84-74-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	426	1,910	2,610	3,490	5,850	9,580
	Urban	105	426	1,900	2,660	3,490	6,300	9,580
	Rural	21	743	2,120	2,560	3,450	4,050	4,640
	Low Income	57	1,130	2,070	2,870	3,780	6,370	7,580
	Mid/High Income	65	426	1,780	2,500	3,330	4,640	5,850
	Home Children	65	426	1,600	2,300	3,230	4,550	9,580
	Day Care Children	61	1,430	2,380	2,910	3,780	5,850	7,580
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	24.4	89.5	131	241	651	1,410
	Urban	97	24.4	89.5	147	244	758	1,410
	Rural	21	50.1	92.7	119	175	359	418
	Low Income	51	24.4	71.9	108	223	581	949
	Mid/High Income	63	35.6	102	152	285	548	1,410
	Home Children	63	50.1	94.2	145	244	758	1,410
	Day Care Children	55	24.4	76.6	128	223	581	949
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	1,530	6,880	9,370	12,600	21,000	34,400
	Urban	105	1,530	6,840	9,540	12,600	22,600	34,400
	Rural	21	2,670	7,630	9,190	12,400	14,600	16,700
	Low Income	57	4,050	7,440	10,300	13,600	22,900	27,200
	Mid/High Income	65	1,530	6,390	8,980	12,000	16,700	21,000
	Home Children	65	1,530	5,740	8,250	11,600	16,400	34,400
	Day Care Children	61	5,150	8,530	10,500	13,600	21,000	27,200
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	87.5	321	471	865	2,340	5,070
	Urban	97	87.5	321	528	877	2,720	5,070
	Rural	21	180	333	427	630	1,290	1,500
	Low Income	51	87.5	258	386	800	2,090	3,410
	Mid/High Income	63	128	368	546	1,020	1,970	5,070
	Home Children	63	180	338	520	877	2,720	5,070
	Day Care Children	55	87.5	275	459	800	2,090	3,410
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	3.75	12.3	17.7	23.3	44.0	71.8
	Urban	105	3.75	12.3	17.9	23.5	44.7	71.8
	Rural	21	5.84	12.6	15.9	22.8	28.8	36.3
	Low Income	57	5.04	11.9	17.9	23.3	48.7	55.2
	Mid/High Income	65	3.75	12.6	17.3	23.5	32.2	47.7
	Home Children	65	3.75	11.2	17.3	20.9	38.3	71.8
	Day Care Children	61	8.13	13.4	18.8	24.2	44.0	55.2
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	0.185	0.589	0.958	1.68	4.58	11.6
	Urban	97	0.185	0.648	1.05	1.79	5.31	11.6
	Rural	21	0.283	0.583	0.713	1.24	2.74	3.72
	Low Income	51	0.185	0.448	0.661	1.55	3.41	5.90
	Mid/High Income	63	0.278	0.774	1.13	1.79	4.43	11.6
	Home Children	63	0.283	0.661	1.13	1.76	4.58	11.6
	Day Care Children	55	0.185	0.542	0.796	1.61	3.21	5.53
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	13.5	44.1	63.6	83.8	158	258
	Urban	105	13.5	44.1	64.5	84.4	161	258
	Rural	21	21.0	45.4	57.0	81.8	103	130
	Low Income	57	18.1	42.8	64.5	83.6	175	198
	Mid/High Income	65	13.5	45.4	62.3	84.4	116	172
	Home Children	65	13.5	40.3	62.1	75.0	138	258
	Day Care Children	61	29.2	48.1	67.4	86.9	158	198
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	0.666	2.12	3.44	6.02	16.4	41.6
	Urban	97	0.666	2.33	3.77	6.42	19.1	41.6
	Rural	21	1.02	2.09	2.56	4.45	9.85	13.3
	Low Income	51	0.666	1.61	2.37	5.56	12.3	21.2
	Mid/High Income	63	1.00	2.78	4.07	6.42	15.9	41.6
	Home Children	63	1.02	2.37	4.07	6.32	16.4	41.6
	Day Care Children	55	0.666	1.95	2.86	5.78	11.5	19.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-17a. *p,p'*-DDE (72-55-9): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	34.1	--	--	--	--
	Urban	105	33.3	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	57	47.4	--	--	--	--
	Mid/High Income	65	23.1	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	61	37.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	43.8	--	--	--	--
	Urban	100	40.0	--	--	--	--
	Rural	21	61.9	0.314	0.472	0.133	1.31
	Low Income	52	57.7	0.311	0.704	0.112	1.31
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	55	45.5	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	34.1	--	--	--	--
	Urban	105	33.3	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	57	47.4	--	--	--	--
	Mid/High Income	65	23.1	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	61	37.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	43.8	--	--	--	--
	Urban	100	40.0	--	--	--	--
	Rural	21	61.9	0.988	1.48	0.417	1.31
	Low Income	52	57.7	0.977	2.21	0.353	1.31
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	55	45.5	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	34.1	--	--	--	--
	Urban	105	33.3	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	57	47.4	--	--	--	--
	Mid/High Income	65	23.1	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	61	37.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	43.8	--	--	--	--
	Urban	100	40.0	--	--	--	--
	Rural	21	61.9	0.002	0.004	0.001	1.33
	Low Income	52	57.7	0.002	0.003	0.001	1.24
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	55	45.5	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	34.1	--	--	--	--
	Urban	105	33.3	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	57	47.4	--	--	--	--
	Mid/High Income	65	23.1	--	--	--	--
	Home Children	65	30.8	--	--	--	--
	Day Care Children	61	37.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	43.8	--	--	--	--
	Urban	100	40.0	--	--	--	--
	Rural	21	61.9	0.007	0.012	0.003	1.33
	Low Income	52	57.7	0.005	0.010	0.002	1.24
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	66	42.4	--	--	--	--
	Day Care Children	55	45.5	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-17b. *p,p'*-DDE (72-55-9): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	<MDL	1.24	3.90	24.6
	Urban	105	<MDL	<MDL	<MDL	1.22	3.75	24.6
	Rural	21	<MDL	<MDL	<MDL	1.46	3.90	4.46
	Low Income	57	<MDL	<MDL	<MDL	1.93	4.68	24.6
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	2.39	9.89
	Home Children	65	<MDL	<MDL	<MDL	1.11	2.39	9.89
	Day Care Children	61	<MDL	<MDL	<MDL	1.57	4.46	24.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	<MDL	<MDL	0.214	1.22	4.61
	Urban	100	<MDL	<MDL	<MDL	0.217	1.19	4.61
	Rural	21	<MDL	<MDL	0.144	0.194	1.40	1.75
	Low Income	52	<MDL	<MDL	0.093	0.258	0.834	4.61
	Mid/High Income	65	<MDL	<MDL	<MDL	0.177	1.40	1.75
	Home Children	66	<MDL	<MDL	<MDL	0.214	1.22	1.75
	Day Care Children	55	<MDL	<MDL	<MDL	0.236	1.71	4.61
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	<MDL	3.90	12.3	77.4
	Urban	105	<MDL	<MDL	<MDL	3.84	11.8	77.4
	Rural	21	<MDL	<MDL	<MDL	4.59	12.3	14.0
	Low Income	57	<MDL	<MDL	<MDL	6.06	14.7	77.4
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	7.51	31.1
	Home Children	65	<MDL	<MDL	<MDL	3.49	7.51	31.1
	Day Care Children	61	<MDL	<MDL	<MDL	4.93	14.0	77.4
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	<MDL	<MDL	0.674	3.84	14.5
	Urban	100	<MDL	<MDL	<MDL	0.683	3.74	14.5
	Rural	21	<MDL	<MDL	0.454	0.611	4.41	5.50
	Low Income	52	<MDL	<MDL	0.292	0.810	2.62	14.5
	Mid/High Income	65	<MDL	<MDL	<MDL	0.556	4.41	5.50
	Home Children	66	<MDL	<MDL	<MDL	0.674	3.84	5.50
	Day Care Children	55	<MDL	<MDL	<MDL	0.742	5.39	14.5
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	<MDL	0.008	0.021	0.090
	Urban	105	<MDL	<MDL	<MDL	0.008	0.024	0.090
	Rural	21	<MDL	<MDL	<MDL	0.008	0.019	0.021
	Low Income	57	<MDL	<MDL	<MDL	0.013	0.027	0.090
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.018	0.058
	Home Children	65	<MDL	<MDL	<MDL	0.007	0.018	0.058
	Day Care Children	61	<MDL	<MDL	<MDL	0.011	0.024	0.090
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.001	0.008	0.020
	Urban	100	<MDL	<MDL	<MDL	0.001	0.007	0.020
	Rural	21	<MDL	<MDL	0.001	0.001	0.010	0.016
	Low Income	52	<MDL	<MDL	0.001	0.002	0.008	0.020
	Mid/High Income	65	<MDL	<MDL	<MDL	0.001	0.010	0.016
	Home Children	66	<MDL	<MDL	<MDL	0.001	0.009	0.016
	Day Care Children	55	<MDL	<MDL	<MDL	0.002	0.008	0.020
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	<MDL	0.026	0.066	0.284
	Urban	105	<MDL	<MDL	<MDL	0.026	0.075	0.284
	Rural	21	<MDL	<MDL	<MDL	0.026	0.061	0.066
	Low Income	57	<MDL	<MDL	<MDL	0.040	0.086	0.284
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	0.057	0.181
	Home Children	65	<MDL	<MDL	<MDL	0.021	0.057	0.181
	Day Care Children	61	<MDL	<MDL	<MDL	0.036	0.075	0.284
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.005	0.026	0.062
	Urban	100	<MDL	<MDL	<MDL	0.005	0.024	0.062
	Rural	21	<MDL	<MDL	0.003	0.005	0.031	0.049
	Low Income	52	<MDL	<MDL	0.002	0.006	0.026	0.062
	Mid/High Income	65	<MDL	<MDL	<MDL	0.004	0.031	0.049
	Home Children	66	<MDL	<MDL	<MDL	0.005	0.028	0.049
	Day Care Children	55	<MDL	<MDL	<MDL	0.006	0.026	0.062

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-18a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	52.8	6.84	8.34	3.78	1.06
	Urban	104	52.9	7.09	8.83	3.79	1.08
	Rural	21	52.4	5.63	5.20	3.69	0.950
	Low Income	56	64.3	9.17	10.2	5.24	1.09
	Mid/High Income	65	44.6	--	--	--	--
	Home Children	65	46.2	--	--	--	--
	Day Care Children	60	60.0	8.21	9.09	4.67	1.08
Potential Exposure via Dietary Ingestion (ng/day)	Overall	126	54.0	305	430	162	1.15
	Urban	105	58.1	323	458	165	1.20
	Rural	21	33.3	--	--	--	--
	Low Income	57	52.6	286	421	129	1.35
	Mid/High Income	65	56.9	329	451	197	0.948
	Home Children	65	52.3	349	513	189	1.03
	Day Care Children	61	55.7	259	317	137	1.26
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	72.6	5.24	17.9	0.755	2.00
	Urban	97	74.2	6.16	19.6	0.963	2.02
	Rural	20	65.0	0.764	1.43	0.232	1.45
	Low Income	50	48.0	--	--	--	--
	Mid/High Income	63	90.5	7.96	23.4	1.68	1.86
	Home Children	65	87.7	6.76	22.3	1.38	1.75
	Day Care Children	52	53.8	3.34	10.0	0.356	2.06
Potential Exposure – Aggregated (ng/day)	Overall	110	96.4	318	441	183	0.993
	Urban	90	96.7	348	477	194	1.04
	Rural	20	95.0	183	150	141	0.721
	Low Income	45	91.1	315	444	158	1.14
	Mid/High Income	61	100.0	327	454	203	0.893
	Home Children	63	100.0	360	520	200	1.00
	Day Care Children	47	91.5	263	299	162	0.981
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	52.8	31.0	37.7	17.1	1.06
	Urban	104	52.9	32.1	40.0	17.2	1.08
	Rural	21	52.4	25.4	23.5	16.7	0.950
	Low Income	56	64.3	41.5	45.9	23.7	1.09
	Mid/High Income	65	44.6	--	--	--	--
	Home Children	65	46.2	--	--	--	--
	Day Care Children	60	60.0	37.1	41.1	21.1	1.08
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	126	54.0	1,380	1,950	731	1.15
	Urban	105	58.1	1,460	2,070	746	1.20
	Rural	21	33.3	--	--	--	--
	Low Income	57	52.6	1,290	1,910	582	1.35
	Mid/High Income	65	56.9	1,490	2,040	890	0.948
	Home Children	65	52.3	1,580	2,320	856	1.03
	Day Care Children	61	55.7	1,170	1,430	618	1.26
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	72.6	23.7	81.1	3.42	2.00
	Urban	97	74.2	27.9	88.5	4.36	2.02
	Rural	20	65.0	3.46	6.46	1.05	1.45
	Low Income	50	48.0	--	--	--	--
	Mid/High Income	63	90.5	36.0	106	7.60	1.86
	Home Children	65	87.7	30.6	101	6.23	1.75
	Day Care Children	52	53.8	15.1	45.5	1.61	2.06
Potential Exposure – Aggregated (pmoles/day)	Overall	110	96.4	1,440	1,990	828	0.993
	Urban	90	96.7	1,580	2,160	878	1.04
	Rural	20	95.0	828	678	636	0.721
	Low Income	45	91.1	1,420	2,010	716	1.14
	Mid/High Income	61	100.0	1,480	2,050	918	0.893
	Home Children	63	100.0	1,630	2,350	906	1.00
	Day Care Children	47	91.5	1,190	1,350	734	0.981

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table N-18b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	2.11	9.88	26.6	41.7
	Urban	104	<MDL	<MDL	1.91	10.2	27.7	41.7
	Rural	21	<MDL	<MDL	3.90	7.76	16.0	16.5
	Low Income	56	<MDL	<MDL	6.77	10.4	34.9	41.7
	Mid/High Income	65	<MDL	<MDL	<MDL	7.16	16.9	28.0
	Home Children	65	<MDL	<MDL	<MDL	7.88	19.3	36.4
	Day Care Children	60	<MDL	<MDL	3.91	11.8	27.2	41.7
Potential Exposure via Dietary Ingestion (ng/day)	Overall	126	<MDL	<MDL	142	336	1,290	2,820
	Urban	105	<MDL	<MDL	143	351	1,300	2,820
	Rural	21	<MDL	<MDL	<MDL	271	559	1,030
	Low Income	57	<MDL	<MDL	110	318	1,300	2,120
	Mid/High Income	65	<MDL	<MDL	181	351	1,030	2,820
	Home Children	65	<MDL	<MDL	159	351	1,570	2,820
	Day Care Children	61	<MDL	<MDL	120	311	1,030	1,300
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	<MDL	<MDL	0.804	3.01	19.7	175
	Urban	97	<MDL	<MDL	1.18	3.60	32.1	175
	Rural	20	<MDL	<MDL	0.159	0.407	4.35	5.19
	Low Income	50	<MDL	<MDL	<MDL	0.722	1.69	2.68
	Mid/High Income	63	<MDL	0.576	1.94	5.56	19.7	175
	Home Children	65	<MDL	0.542	1.20	3.81	19.7	175
	Day Care Children	52	<MDL	<MDL	0.182	1.67	17.4	61.5
Potential Exposure – Aggregated (ng/day)	Overall	110	<MDL	92.9	164	338	1,310	2,840
	Urban	90	<MDL	93.5	172	353	1,460	2,840
	Rural	20	<MDL	87.1	119	232	544	561
	Low Income	45	<MDL	73.2	126	338	1,310	2,120
	Mid/High Income	61	49.4	108	195	338	920	2,840
	Home Children	63	40.1	105	167	353	1,570	2,840
	Day Care Children	47	<MDL	85.0	139	328	920	1,310
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	9.54	44.7	120	189
	Urban	104	<MDL	<MDL	8.64	46.1	125	189
	Rural	21	<MDL	<MDL	17.6	35.1	72.2	74.7
	Low Income	56	<MDL	<MDL	30.6	47.0	158	189
	Mid/High Income	65	<MDL	<MDL	<MDL	32.4	76.3	127
	Home Children	65	<MDL	<MDL	<MDL	35.6	87.4	165
	Day Care Children	60	<MDL	<MDL	17.7	53.4	123	189
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	126	<MDL	<MDL	642	1,520	5,810	12,700
	Urban	105	<MDL	<MDL	647	1,590	5,890	12,700
	Rural	21	<MDL	<MDL	<MDL	1,230	2,530	4,650
	Low Income	57	<MDL	<MDL	498	1,440	5,890	9,580
	Mid/High Income	65	<MDL	<MDL	818	1,590	4,650	12,700
	Home Children	65	<MDL	<MDL	719	1,590	7,090	12,700
	Day Care Children	61	<MDL	<MDL	544	1,410	4,650	5,890
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	<MDL	<MDL	3.64	13.6	89.3	791
	Urban	97	<MDL	<MDL	5.32	16.3	145	791
	Rural	20	<MDL	<MDL	0.720	1.84	19.7	23.5
	Low Income	50	<MDL	<MDL	<MDL	3.26	7.67	12.1
	Mid/High Income	63	<MDL	2.61	8.78	25.1	89.3	791
	Home Children	65	<MDL	2.45	5.41	17.2	89.3	791
	Day Care Children	52	<MDL	<MDL	0.823	7.53	78.8	278
Potential Exposure – Aggregated (pmoles/day)	Overall	110	<MDL	420	741	1,530	5,930	12,800
	Urban	90	<MDL	423	776	1,600	6,590	12,800
	Rural	20	<MDL	394	537	1,050	2,460	2,540
	Low Income	45	<MDL	331	568	1,530	5,930	9,590
	Mid/High Income	61	224	489	881	1,530	4,160	12,800
	Home Children	63	182	474	756	1,600	7,110	12,800
	Day Care Children	47	<MDL	384	628	1,480	4,160	5,930

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table N-18c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	52.8	0.044	0.052	0.025	1.02
	Urban	104	52.9	0.046	0.055	0.026	1.04
	Rural	21	52.4	0.036	0.035	0.024	0.919
	Low Income	56	64.3	0.056	0.063	0.032	1.06
	Mid/High Income	65	44.6	--	--	--	--
	Home Children	65	46.2	--	--	--	--
	Day Care Children	60	60.0	0.049	0.053	0.029	1.03
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	126	54.0	2.03	2.84	1.09	1.16
	Urban	105	58.1	2.15	3.01	1.12	1.22
	Rural	21	33.3	--	--	--	--
	Low Income	57	52.6	1.79	2.82	0.806	1.36
	Mid/High Income	65	56.9	2.27	2.93	1.40	0.928
	Home Children	65	52.3	2.49	3.54	1.35	1.04
	Day Care Children	61	55.7	1.55	1.72	0.865	1.24
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	72.6	0.039	0.145	0.005	2.09
	Urban	97	74.2	0.046	0.158	0.007	2.10
	Rural	20	65.0	0.006	0.012	0.002	1.53
	Low Income	50	48.0	--	--	--	--
	Mid/High Income	63	90.5	0.060	0.190	0.012	1.93
	Home Children	65	87.7	0.054	0.188	0.010	1.84
	Day Care Children	52	53.8	0.020	0.054	0.002	2.10
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	110	96.4	2.11	2.90	1.24	0.981
	Urban	90	96.7	2.32	3.14	1.32	1.02
	Rural	20	95.0	1.19	0.980	0.915	0.712
	Low Income	45	91.1	1.96	2.99	0.989	1.12
	Mid/High Income	61	100.0	2.25	2.93	1.44	0.865
	Home Children	63	100.0	2.57	3.58	1.43	1.01
	Day Care Children	47	91.5	1.51	1.40	1.02	0.912
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	52.8	0.199	0.236	0.115	1.02
	Urban	104	52.9	0.206	0.249	0.116	1.04
	Rural	21	52.4	0.164	0.157	0.109	0.919
	Low Income	56	64.3	0.252	0.286	0.146	1.06
	Mid/High Income	65	44.6	--	--	--	--
	Home Children	65	46.2	--	--	--	--
	Day Care Children	60	60.0	0.222	0.238	0.132	1.03
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	126	54.0	9.19	12.8	4.92	1.16
	Urban	105	58.1	9.74	13.6	5.05	1.22
	Rural	21	33.3	--	--	--	--
	Low Income	57	52.6	8.12	12.8	3.64	1.36
	Mid/High Income	65	56.9	10.3	13.2	6.33	0.928
	Home Children	65	52.3	11.3	16.0	6.10	1.04
	Day Care Children	61	55.7	6.99	7.77	3.91	1.24
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	72.6	0.177	0.655	0.023	2.09
	Urban	97	74.2	0.208	0.716	0.030	2.10
	Rural	20	65.0	0.027	0.055	0.007	1.53
	Low Income	50	48.0	--	--	--	--
	Mid/High Income	63	90.5	0.270	0.862	0.054	1.93
	Home Children	65	87.7	0.245	0.848	0.045	1.84
	Day Care Children	52	53.8	0.093	0.245	0.010	2.10
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	110	96.4	9.56	13.1	5.60	0.981
	Urban	90	96.7	10.5	14.2	5.99	1.02
	Rural	20	95.0	5.37	4.43	4.14	0.712
	Low Income	45	91.1	8.87	13.5	4.47	1.12
	Mid/High Income	61	100.0	10.2	13.3	6.53	0.865
	Home Children	63	100.0	11.6	16.2	6.46	1.01
	Day Care Children	47	91.5	6.82	6.33	4.63	0.912

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-18d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	0.016	0.061	0.148	0.279
	Urban	104	<MDL	<MDL	0.016	0.064	0.150	0.279
	Rural	21	<MDL	<MDL	0.022	0.045	0.095	0.131
	Low Income	56	<MDL	<MDL	0.036	0.075	0.219	0.279
	Mid/High Income	65	<MDL	<MDL	<MDL	0.056	0.115	0.175
	Home Children	65	<MDL	<MDL	<MDL	0.046	0.127	0.279
	Day Care Children	60	<MDL	<MDL	0.022	0.077	0.149	0.278
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	126	<MDL	<MDL	0.970	2.26	7.08	16.7
	Urban	105	<MDL	<MDL	1.09	2.27	7.47	16.7
	Rural	21	<MDL	<MDL	<MDL	1.64	3.95	7.08
	Low Income	57	<MDL	<MDL	0.709	1.89	7.47	15.2
	Mid/High Income	65	<MDL	<MDL	1.31	2.27	7.08	16.7
	Home Children	65	<MDL	<MDL	1.15	2.41	12.5	16.7
	Day Care Children	61	<MDL	<MDL	0.769	1.89	4.72	7.47
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	<MDL	<MDL	0.006	0.023	0.175	1.48
	Urban	97	<MDL	<MDL	0.008	0.025	0.225	1.48
	Rural	20	<MDL	<MDL	0.001	0.002	0.037	0.043
	Low Income	50	<MDL	<MDL	<MDL	0.005	0.014	0.018
	Mid/High Income	63	<MDL	0.004	0.015	0.047	0.175	1.48
	Home Children	65	<MDL	0.003	0.009	0.031	0.175	1.48
	Day Care Children	52	<MDL	<MDL	0.001	0.011	0.107	0.285
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	110	<MDL	0.557	1.12	2.28	6.86	16.8
	Urban	90	<MDL	0.617	1.33	2.34	11.0	16.8
	Rural	20	<MDL	0.511	0.856	1.51	3.51	3.96
	Low Income	45	<MDL	0.445	0.811	2.33	6.86	15.3
	Mid/High Income	61	0.342	0.789	1.34	2.17	6.64	16.8
	Home Children	63	0.223	0.648	1.17	2.99	12.5	16.8
	Day Care Children	47	<MDL	0.500	0.976	1.95	4.60	6.86
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	0.073	0.274	0.671	1.26
	Urban	104	<MDL	<MDL	0.072	0.290	0.677	1.26
	Rural	21	<MDL	<MDL	0.100	0.203	0.430	0.594
	Low Income	56	<MDL	<MDL	0.161	0.340	0.990	1.26
	Mid/High Income	65	<MDL	<MDL	<MDL	0.252	0.522	0.792
	Home Children	65	<MDL	<MDL	<MDL	0.208	0.573	1.26
	Day Care Children	60	<MDL	<MDL	0.098	0.349	0.674	1.26
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	126	<MDL	<MDL	4.39	10.2	32.0	75.4
	Urban	105	<MDL	<MDL	4.92	10.3	33.8	75.4
	Rural	21	<MDL	<MDL	<MDL	7.41	17.9	32.0
	Low Income	57	<MDL	<MDL	3.21	8.54	33.8	69.0
	Mid/High Income	65	<MDL	<MDL	5.91	10.3	32.0	75.4
	Home Children	65	<MDL	<MDL	5.19	10.9	56.5	75.4
	Day Care Children	61	<MDL	<MDL	3.48	8.54	21.3	33.8
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	<MDL	<MDL	0.026	0.103	0.793	6.70
	Urban	97	<MDL	<MDL	0.038	0.114	1.02	6.70
	Rural	20	<MDL	<MDL	0.005	0.010	0.168	0.196
	Low Income	50	<MDL	<MDL	<MDL	0.021	0.065	0.084
	Mid/High Income	63	<MDL	0.017	0.067	0.212	0.793	6.70
	Home Children	65	<MDL	0.015	0.043	0.141	0.793	6.70
	Day Care Children	52	<MDL	<MDL	0.005	0.051	0.482	1.29
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	110	<MDL	2.52	5.06	10.3	31.0	76.1
	Urban	90	<MDL	2.79	6.00	10.6	49.6	76.1
	Rural	20	<MDL	2.31	3.87	6.84	15.9	17.9
	Low Income	45	<MDL	2.01	3.67	10.5	31.0	69.0
	Mid/High Income	61	1.55	3.57	6.05	9.80	30.0	76.1
	Home Children	63	1.01	2.93	5.30	13.5	56.6	76.1
	Day Care Children	47	<MDL	2.26	4.41	8.82	20.8	31.0

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-19a. Heptachlor (76-44-8): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	94.4	259	563	98.6	1.30
	Urban	105	95.2	255	586	99.8	1.22
	Rural	21	90.5	278	443	92.7	1.70
	Low Income	57	94.7	242	416	106	1.32
	Mid/High Income	65	93.8	233	554	89.4	1.24
	Home Children	65	95.4	290	685	85.1	1.52
	Day Care Children	61	93.4	226	398	115	1.00
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	42.5	--	--	--	--
	Urban	99	43.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	51	39.2	--	--	--	--
	Mid/High Income	65	41.5	--	--	--	--
	Home Children	65	43.1	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	94.4	693	1,510	264	1.30
	Urban	105	95.2	682	1,570	267	1.22
	Rural	21	90.5	744	1,190	248	1.70
	Low Income	57	94.7	648	1,120	285	1.32
	Mid/High Income	65	93.8	624	1,490	240	1.24
	Home Children	65	95.4	776	1,830	228	1.52
	Day Care Children	61	93.4	604	1,070	309	1.00
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	42.5	--	--	--	--
	Urban	99	43.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	51	39.2	--	--	--	--
	Mid/High Income	65	41.5	--	--	--	--
	Home Children	65	43.1	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	94.4	1.76	4.05	0.661	1.30
	Urban	105	95.2	1.77	4.28	0.672	1.22
	Rural	21	90.5	1.71	2.65	0.605	1.69
	Low Income	57	94.7	1.50	2.48	0.658	1.34
	Mid/High Income	65	93.8	1.70	4.32	0.637	1.23
	Home Children	65	95.4	2.07	5.12	0.610	1.52
	Day Care Children	61	93.4	1.43	2.42	0.719	1.03
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	42.5	--	--	--	--
	Urban	99	43.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	51	39.2	--	--	--	--
	Mid/High Income	65	41.5	--	--	--	--
	Home Children	65	43.1	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	94.4	4.71	10.8	1.77	1.30
	Urban	105	95.2	4.74	11.5	1.80	1.22
	Rural	21	90.5	4.59	7.09	1.62	1.69
	Low Income	57	94.7	4.02	6.64	1.76	1.34
	Mid/High Income	65	93.8	4.55	11.6	1.71	1.23
	Home Children	65	95.4	5.55	13.7	1.63	1.52
	Day Care Children	61	93.4	3.82	6.49	1.93	1.03
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	42.5	--	--	--	--
	Urban	99	43.4	--	--	--	--
	Rural	21	38.1	--	--	--	--
	Low Income	51	39.2	--	--	--	--
	Mid/High Income	65	41.5	--	--	--	--
	Home Children	65	43.1	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-19b. Heptachlor (76-44-8): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	49.1	79.8	214	1,220	4,110
	Urban	105	<MDL	49.3	78.5	214	818	4,110
	Rural	21	<MDL	49.1	93.3	164	1,270	1,390
	Low Income	57	<MDL	51.4	83.6	223	1,220	2,530
	Mid/High Income	65	<MDL	40.3	68.1	157	897	4,110
	Home Children	65	<MDL	38.9	64.0	214	1,220	4,110
	Day Care Children	61	<MDL	58.8	84.8	169	897	2,530
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	<MDL	1.69	13.6	38.6
	Urban	99	<MDL	<MDL	<MDL	1.64	15.5	38.6
	Rural	21	<MDL	<MDL	<MDL	1.75	9.21	18.8
	Low Income	51	<MDL	<MDL	<MDL	1.46	8.08	38.6
	Mid/High Income	65	<MDL	<MDL	<MDL	1.64	11.7	32.3
	Home Children	65	<MDL	<MDL	<MDL	1.64	11.7	32.3
	Day Care Children	55	<MDL	<MDL	<MDL	1.77	15.5	38.6
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	132	214	573	3,260	11,000
	Urban	105	<MDL	132	210	573	2,190	11,000
	Rural	21	<MDL	132	250	439	3,410	3,720
	Low Income	57	<MDL	138	224	596	3,280	6,780
	Mid/High Income	65	<MDL	108	182	422	2,400	11,000
	Home Children	65	<MDL	104	171	573	3,260	11,000
	Day Care Children	61	<MDL	157	227	451	2,400	6,780
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	<MDL	4.54	36.4	103
	Urban	99	<MDL	<MDL	<MDL	4.38	41.5	103
	Rural	21	<MDL	<MDL	<MDL	4.69	24.7	50.4
	Low Income	51	<MDL	<MDL	<MDL	3.90	21.6	103
	Mid/High Income	65	<MDL	<MDL	<MDL	4.38	31.3	86.6
	Home Children	65	<MDL	<MDL	<MDL	4.38	31.3	86.6
	Day Care Children	55	<MDL	<MDL	<MDL	4.74	41.5	103
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.314	0.541	1.16	6.67	32.4
	Urban	105	<MDL	0.343	0.527	1.16	5.34	32.4
	Rural	21	<MDL	0.312	0.648	1.14	7.84	8.76
	Low Income	57	<MDL	0.390	0.557	1.18	6.54	14.7
	Mid/High Income	65	<MDL	0.283	0.527	1.14	6.67	32.4
	Home Children	65	<MDL	0.283	0.507	1.16	7.84	32.4
	Day Care Children	61	<MDL	0.404	0.562	1.05	5.09	14.7
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.013	0.092	0.254
	Urban	99	<MDL	<MDL	<MDL	0.013	0.099	0.254
	Rural	21	<MDL	<MDL	<MDL	0.016	0.049	0.101
	Low Income	51	<MDL	<MDL	<MDL	0.013	0.057	0.225
	Mid/High Income	65	<MDL	<MDL	<MDL	0.010	0.086	0.254
	Home Children	65	<MDL	<MDL	<MDL	0.010	0.099	0.254
	Day Care Children	55	<MDL	<MDL	<MDL	0.014	0.075	0.225
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.840	1.45	3.10	17.9	86.7
	Urban	105	<MDL	0.918	1.41	3.10	14.3	86.7
	Rural	21	<MDL	0.837	1.74	3.06	21.0	23.5
	Low Income	57	<MDL	1.04	1.49	3.15	17.5	39.5
	Mid/High Income	65	<MDL	0.757	1.41	3.06	17.9	86.7
	Home Children	65	<MDL	0.757	1.36	3.10	21.0	86.7
	Day Care Children	61	<MDL	1.08	1.51	2.82	13.6	39.5
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	<MDL	0.036	0.248	0.681
	Urban	99	<MDL	<MDL	<MDL	0.035	0.265	0.681
	Rural	21	<MDL	<MDL	<MDL	0.042	0.133	0.270
	Low Income	51	<MDL	<MDL	<MDL	0.035	0.154	0.603
	Mid/High Income	65	<MDL	<MDL	<MDL	0.027	0.230	0.681
	Home Children	65	<MDL	<MDL	<MDL	0.027	0.265	0.681
	Day Care Children	55	<MDL	<MDL	<MDL	0.037	0.201	0.603

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-20a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	66.7	2.00	2.17	1.43	0.737
	Urban	105	66.7	2.04	2.22	1.45	0.747
	Rural	21	66.7	1.83	1.92	1.36	0.704
	Low Income	57	82.5	2.51	2.48	1.83	0.750
	Mid/High Income	65	52.3	1.57	1.82	1.15	0.669
	Home Children	65	64.6	2.13	2.61	1.40	0.807
	Day Care Children	61	68.9	1.87	1.59	1.46	0.661
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	100.0	9.96	26.0	4.38	1.07
	Urban	96	100.0	8.38	14.8	4.43	1.02
	Rural	21	100.0	17.2	53.2	4.14	1.33
	Low Income	52	100.0	7.68	17.4	3.32	1.07
	Mid/High Income	61	100.0	12.4	32.2	5.71	1.03
	Home Children	62	100.0	7.40	11.8	4.48	0.926
	Day Care Children	55	100.0	12.9	35.8	4.26	1.22
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	66.7	7.25	7.85	5.18	0.737
	Urban	105	66.7	7.38	8.04	5.23	0.747
	Rural	21	66.7	6.61	6.93	4.93	0.704
	Low Income	57	82.5	9.08	8.98	6.61	0.750
	Mid/High Income	65	52.3	5.67	6.59	4.15	0.669
	Home Children	65	64.6	7.70	9.43	5.08	0.807
	Day Care Children	61	68.9	6.76	5.74	5.29	0.661
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	100.0	36.1	94.2	15.8	1.07
	Urban	96	100.0	30.3	53.4	16.0	1.02
	Rural	21	100.0	62.3	193	15.0	1.33
	Low Income	52	100.0	27.8	63.1	12.0	1.07
	Mid/High Income	61	100.0	44.7	117	20.7	1.03
	Home Children	62	100.0	26.8	42.6	16.2	0.926
	Day Care Children	55	100.0	46.5	130	15.4	1.22
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	66.7	0.013	0.014	0.010	0.728
	Urban	105	66.7	0.013	0.014	0.010	0.735
	Rural	21	66.7	0.013	0.017	0.009	0.708
	Low Income	57	82.5	0.016	0.017	0.011	0.751
	Mid/High Income	65	52.3	0.011	0.012	0.008	0.686
	Home Children	65	64.6	0.015	0.018	0.010	0.806
	Day Care Children	61	68.9	0.011	0.009	0.009	0.638
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	100.0	0.067	0.177	0.030	1.08
	Urban	96	100.0	0.056	0.095	0.030	1.01
	Rural	21	100.0	0.120	0.367	0.027	1.40
	Low Income	52	100.0	0.049	0.112	0.021	1.07
	Mid/High Income	61	100.0	0.086	0.221	0.041	1.02
	Home Children	62	100.0	0.055	0.090	0.032	0.941
	Day Care Children	55	100.0	0.082	0.240	0.027	1.22
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	66.7	0.048	0.052	0.035	0.728
	Urban	105	66.7	0.049	0.051	0.035	0.735
	Rural	21	66.7	0.045	0.061	0.032	0.708
	Low Income	57	82.5	0.057	0.061	0.041	0.751
	Mid/High Income	65	52.3	0.040	0.044	0.030	0.686
	Home Children	65	64.6	0.055	0.065	0.036	0.806
	Day Care Children	61	68.9	0.041	0.033	0.033	0.638
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	100.0	0.243	0.640	0.107	1.08
	Urban	96	100.0	0.202	0.344	0.109	1.01
	Rural	21	100.0	0.433	1.33	0.098	1.40
	Low Income	52	100.0	0.176	0.404	0.075	1.07
	Mid/High Income	61	100.0	0.311	0.801	0.147	1.02
	Home Children	62	100.0	0.197	0.326	0.116	0.941
	Day Care Children	55	100.0	0.295	0.868	0.098	1.22

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-20b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	1.12	2.03	6.39	12.2
	Urban	105	<MDL	<MDL	1.12	2.23	6.39	12.2
	Rural	21	<MDL	<MDL	0.854	2.01	4.04	9.24
	Low Income	57	<MDL	0.885	1.61	2.98	9.24	12.2
	Mid/High Income	65	<MDL	<MDL	0.845	1.44	5.37	10.2
	Home Children	65	<MDL	<MDL	1.04	2.01	9.24	12.2
	Day Care Children	61	<MDL	<MDL	1.22	2.36	4.87	9.08
Potential Exposure via Indirect Ingestion (ng/day)	Overall	117	0.623	2.03	3.91	7.59	36.1	247
	Urban	96	0.623	2.10	4.04	8.01	36.1	97.8
	Rural	21	0.937	1.80	2.68	6.65	29.1	247
	Low Income	52	0.623	1.65	2.78	6.07	33.2	97.8
	Mid/High Income	61	0.753	2.81	5.31	8.46	36.1	247
	Home Children	62	0.623	2.21	5.03	7.59	15.1	81.3
	Day Care Children	55	0.663	1.82	3.08	8.04	54.8	247
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	4.05	7.35	23.1	44.1
	Urban	105	<MDL	<MDL	4.06	8.05	23.1	44.1
	Rural	21	<MDL	<MDL	3.09	7.27	14.6	33.5
	Low Income	57	<MDL	3.20	5.82	10.8	33.5	44.1
	Mid/High Income	65	<MDL	<MDL	3.06	5.21	19.4	37.0
	Home Children	65	<MDL	<MDL	3.75	7.27	33.5	44.1
	Day Care Children	61	<MDL	<MDL	4.41	8.52	17.6	32.9
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	117	2.26	7.34	14.1	27.4	131	894
	Urban	96	2.26	7.58	14.6	29.0	131	354
	Rural	21	3.39	6.50	9.71	24.1	105	894
	Low Income	52	2.26	5.98	10.1	22.0	120	354
	Mid/High Income	61	2.72	10.2	19.2	30.6	131	894
	Home Children	62	2.26	8.01	18.2	27.4	54.7	294
	Day Care Children	55	2.40	6.60	11.2	29.1	198	894
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.008	0.015	0.053	0.083
	Urban	105	<MDL	<MDL	0.008	0.015	0.053	0.073
	Rural	21	<MDL	<MDL	0.008	0.012	0.023	0.083
	Low Income	57	<MDL	0.007	0.010	0.016	0.073	0.083
	Mid/High Income	65	<MDL	<MDL	0.006	0.011	0.033	0.061
	Home Children	65	<MDL	<MDL	0.008	0.015	0.061	0.083
	Day Care Children	61	<MDL	<MDL	0.008	0.014	0.027	0.053
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	117	0.004	0.015	0.026	0.053	0.259	1.70
	Urban	96	0.004	0.016	0.027	0.055	0.221	0.585
	Rural	21	0.005	0.010	0.019	0.053	0.259	1.70
	Low Income	52	0.004	0.010	0.019	0.029	0.208	0.585
	Mid/High Income	61	0.005	0.018	0.040	0.067	0.259	1.70
	Home Children	62	0.005	0.016	0.034	0.053	0.112	0.585
	Day Care Children	55	0.004	0.012	0.021	0.055	0.265	1.70
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.029	0.054	0.191	0.300
	Urban	105	<MDL	<MDL	0.029	0.055	0.191	0.266
	Rural	21	<MDL	<MDL	0.029	0.044	0.083	0.300
	Low Income	57	<MDL	0.025	0.038	0.058	0.264	0.300
	Mid/High Income	65	<MDL	<MDL	0.023	0.039	0.121	0.219
	Home Children	65	<MDL	<MDL	0.029	0.054	0.219	0.300
	Day Care Children	61	<MDL	<MDL	0.029	0.052	0.099	0.191
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	117	0.014	0.055	0.094	0.193	0.936	6.16
	Urban	96	0.014	0.057	0.097	0.199	0.801	2.12
	Rural	21	0.018	0.036	0.068	0.191	0.936	6.16
	Low Income	52	0.014	0.036	0.068	0.106	0.753	2.12
	Mid/High Income	61	0.017	0.064	0.144	0.243	0.936	6.16
	Home Children	62	0.019	0.060	0.123	0.193	0.405	2.12
	Day Care Children	55	0.014	0.042	0.075	0.201	0.960	6.16

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-21a. Pentachlorophenol (87-86-5): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	99.2	30.0	44.2	18.2	0.920
	Urban	104	99.0	29.0	40.4	17.6	0.927
	Rural	21	100.0	35.0	60.4	21.0	0.893
	Low Income	56	100.0	36.9	49.0	24.1	0.851
	Mid/High Income	65	98.5	24.9	40.5	14.4	0.939
	Home Children	65	98.5	33.5	58.4	15.9	1.10
	Day Care Children	60	100.0	26.2	19.3	21.0	0.659
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	8.8	--	--	--	--
	Urban	104	9.6	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	64	10.9	--	--	--	--
	Home Children	65	6.2	--	--	--	--
	Day Care Children	60	11.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	94.1	4.19	10.4	1.62	1.37
	Urban	97	93.8	4.39	11.3	1.61	1.42
	Rural	21	95.2	3.26	4.47	1.65	1.18
	Low Income	50	96.0	3.23	4.62	1.40	1.45
	Mid/High Income	64	92.2	5.11	13.6	1.85	1.34
	Home Children	65	93.8	4.05	5.67	1.95	1.24
	Day Care Children	53	94.3	4.37	14.3	1.29	1.51
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	99.2	113	166	68.2	0.920
	Urban	104	99.0	109	152	66.2	0.927
	Rural	21	100.0	131	227	78.9	0.893
	Low Income	56	100.0	139	184	90.5	0.851
	Mid/High Income	65	98.5	93.4	152	54.0	0.939
	Home Children	65	98.5	126	219	59.6	1.10
	Day Care Children	60	100.0	98.5	72.4	79.0	0.659
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	8.8	--	--	--	--
	Urban	104	9.6	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	64	10.9	--	--	--	--
	Home Children	65	6.2	--	--	--	--
	Day Care Children	60	11.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	94.1	15.7	39.2	6.07	1.37
	Urban	97	93.8	16.5	42.6	6.05	1.42
	Rural	21	95.2	12.2	16.8	6.20	1.18
	Low Income	50	96.0	12.1	17.3	5.25	1.45
	Mid/High Income	64	92.2	19.2	50.9	6.95	1.34
	Home Children	65	93.8	15.2	21.3	7.30	1.24
	Day Care Children	53	94.3	16.4	53.9	4.84	1.51

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table N-21b. Pentachlorophenol (87-86-5): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	9.89	17.5	30.5	96.8	294
	Urban	104	<MDL	9.48	16.4	29.4	96.8	270
	Rural	21	3.69	13.4	22.3	32.9	40.1	294
	Low Income	56	5.45	14.4	23.6	34.5	115	294
	Mid/High Income	65	<MDL	7.82	12.3	20.8	70.8	270
	Home Children	65	<MDL	7.64	13.4	24.6	178	294
	Day Care Children	60	5.86	12.1	21.0	30.7	71.1	96.8
Potential Exposure via Dietary Ingestion (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	183	449
	Urban	104	<MDL	<MDL	<MDL	<MDL	183	449
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	183
	Low Income	57	<MDL	<MDL	<MDL	<MDL	181	183
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	268	449
	Home Children	65	<MDL	<MDL	<MDL	<MDL	182	289
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	229	449
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	<MDL	0.732	1.46	4.07	11.6	105
	Urban	97	<MDL	0.783	1.46	4.07	11.6	105
	Rural	21	<MDL	0.601	1.77	3.99	10.3	19.2
	Low Income	50	<MDL	0.601	1.42	4.09	11.1	24.7
	Mid/High Income	64	<MDL	0.801	1.61	4.56	11.6	105
	Home Children	65	<MDL	0.861	1.75	4.48	18.2	28.5
	Day Care Children	53	<MDL	0.679	1.32	3.25	11.1	105
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	37.1	65.6	114	364	1,100
	Urban	104	<MDL	35.6	61.6	110	364	1,010
	Rural	21	13.9	50.5	83.9	124	151	1,100
	Low Income	56	20.4	54.2	88.7	129	433	1,100
	Mid/High Income	65	<MDL	29.4	46.0	78.2	266	1,010
	Home Children	65	<MDL	28.7	50.5	92.3	669	1,100
	Day Care Children	60	22.0	45.3	78.7	115	267	364
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	687	1,690
	Urban	104	<MDL	<MDL	<MDL	<MDL	687	1,690
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	688
	Low Income	57	<MDL	<MDL	<MDL	<MDL	678	688
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	1,010	1,690
	Home Children	65	<MDL	<MDL	<MDL	<MDL	682	1,080
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	860	1,690
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	<MDL	2.75	5.49	15.3	43.7	394
	Urban	97	<MDL	2.94	5.46	15.3	43.7	394
	Rural	21	<MDL	2.26	6.64	15.0	38.7	72.3
	Low Income	50	<MDL	2.26	5.33	15.4	41.8	92.6
	Mid/High Income	64	<MDL	3.01	6.05	17.1	43.7	394
	Home Children	65	<MDL	3.23	6.59	16.8	68.5	107
	Day Care Children	53	<MDL	2.55	4.95	12.2	41.8	394

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table N-21c. Pentachlorophenol (87-86-5): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	99.2	0.204	0.324	0.122	0.911
	Urban	104	99.0	0.192	0.259	0.119	0.911
	Rural	21	100.0	0.259	0.549	0.137	0.923
	Low Income	56	100.0	0.248	0.394	0.149	0.906
	Mid/High Income	65	98.5	0.171	0.258	0.103	0.910
	Home Children	65	98.5	0.242	0.432	0.114	1.11
	Day Care Children	60	100.0	0.162	0.120	0.131	0.635
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	8.8	--	--	--	--
	Urban	104	9.6	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	64	10.9	--	--	--	--
	Home Children	65	6.2	--	--	--	--
	Day Care Children	60	11.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	94.1	0.029	0.071	0.011	1.37
	Urban	97	93.8	0.030	0.077	0.011	1.41
	Rural	21	95.2	0.022	0.031	0.011	1.21
	Low Income	50	96.0	0.020	0.029	0.009	1.45
	Mid/High Income	64	92.2	0.036	0.093	0.013	1.32
	Home Children	65	93.8	0.029	0.044	0.014	1.24
	Day Care Children	53	94.3	0.027	0.095	0.008	1.47
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	99.2	0.765	1.22	0.458	0.911
	Urban	104	99.0	0.723	0.973	0.447	0.911
	Rural	21	100.0	0.974	2.06	0.515	0.923
	Low Income	56	100.0	0.929	1.48	0.559	0.906
	Mid/High Income	65	98.5	0.641	0.970	0.386	0.910
	Home Children	65	98.5	0.910	1.62	0.427	1.11
	Day Care Children	60	100.0	0.608	0.450	0.494	0.635
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	8.8	--	--	--	--
	Urban	104	9.6	--	--	--	--
	Rural	21	4.8	--	--	--	--
	Low Income	57	7.0	--	--	--	--
	Mid/High Income	64	10.9	--	--	--	--
	Home Children	65	6.2	--	--	--	--
	Day Care Children	60	11.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	94.1	0.107	0.267	0.041	1.37
	Urban	97	93.8	0.113	0.289	0.041	1.41
	Rural	21	95.2	0.082	0.115	0.040	1.21
	Low Income	50	96.0	0.076	0.109	0.033	1.45
	Mid/High Income	64	92.2	0.136	0.348	0.050	1.32
	Home Children	65	93.8	0.111	0.164	0.052	1.24
	Day Care Children	53	94.3	0.103	0.356	0.031	1.47

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-21d. Pentachlorophenol (87-86-5): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.062	0.112	0.199	0.684	2.63
	Urban	104	<MDL	0.061	0.107	0.197	0.684	1.46
	Rural	21	0.033	0.075	0.129	0.212	0.271	2.63
	Low Income	56	0.024	0.089	0.142	0.215	0.830	2.63
	Mid/High Income	65	<MDL	0.059	0.093	0.174	0.478	1.46
	Home Children	65	<MDL	0.052	0.093	0.224	1.29	2.63
	Day Care Children	60	0.042	0.090	0.130	0.194	0.419	0.684
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	1.31	3.67
	Urban	104	<MDL	<MDL	<MDL	<MDL	1.40	3.67
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	1.26
	Low Income	57	<MDL	<MDL	<MDL	<MDL	1.26	1.31
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	1.52	3.67
	Home Children	65	<MDL	<MDL	<MDL	<MDL	1.31	1.68
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	1.35	3.67
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	<MDL	0.005	0.011	0.023	0.091	0.696
	Urban	97	<MDL	0.006	0.012	0.022	0.091	0.696
	Rural	21	<MDL	0.004	0.009	0.030	0.065	0.134
	Low Income	50	<MDL	0.004	0.010	0.023	0.079	0.148
	Mid/High Income	64	<MDL	0.006	0.013	0.031	0.091	0.696
	Home Children	65	<MDL	0.006	0.013	0.032	0.118	0.261
	Day Care Children	53	<MDL	0.004	0.009	0.016	0.056	0.696
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.232	0.421	0.749	2.57	9.89
	Urban	104	<MDL	0.227	0.403	0.741	2.57	5.50
	Rural	21	0.123	0.281	0.485	0.794	1.02	9.89
	Low Income	56	0.092	0.334	0.532	0.808	3.12	9.89
	Mid/High Income	65	<MDL	0.221	0.348	0.652	1.80	5.50
	Home Children	65	<MDL	0.195	0.348	0.839	4.83	9.89
	Day Care Children	60	0.158	0.336	0.489	0.728	1.57	2.57
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	4.91	13.8
	Urban	104	<MDL	<MDL	<MDL	<MDL	5.24	13.8
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	4.74
	Low Income	57	<MDL	<MDL	<MDL	<MDL	4.74	4.91
	Mid/High Income	64	<MDL	<MDL	<MDL	<MDL	5.71	13.8
	Home Children	65	<MDL	<MDL	<MDL	<MDL	4.91	6.31
	Day Care Children	60	<MDL	<MDL	<MDL	<MDL	5.07	13.8
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	<MDL	0.018	0.041	0.086	0.342	2.61
	Urban	97	<MDL	0.022	0.044	0.084	0.342	2.61
	Rural	21	<MDL	0.015	0.032	0.113	0.244	0.504
	Low Income	50	<MDL	0.015	0.037	0.085	0.298	0.557
	Mid/High Income	64	<MDL	0.024	0.048	0.117	0.342	2.61
	Home Children	65	<MDL	0.024	0.049	0.119	0.443	0.981
	Day Care Children	53	<MDL	0.014	0.034	0.061	0.211	2.61

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-22a. *cis*-Permethrin (61949-76-6): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	69.0	19.1	42.9	6.07	1.40
	Urban	105	65.7	19.2	44.4	5.88	1.43
	Rural	21	85.7	18.6	35.3	7.11	1.28
	Low Income	57	87.7	32.6	59.7	11.3	1.43
	Mid/High Income	65	52.3	8.00	12.8	3.59	1.17
	Home Children	65	61.5	13.8	25.4	4.62	1.45
	Day Care Children	61	77.0	24.7	55.5	8.11	1.31
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	100.0	144	689	23.9	1.53
	Urban	100	100.0	95.7	239	23.9	1.50
	Rural	21	100.0	374	1,580	23.9	1.68
	Low Income	52	100.0	61.8	120	24.6	1.26
	Mid/High Income	65	100.0	217	931	24.2	1.74
	Home Children	66	100.0	91.6	231	24.5	1.51
	Day Care Children	55	100.0	207	992	23.2	1.56
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	69.0	48.8	110	15.5	1.40
	Urban	105	65.7	49.1	113	15.0	1.43
	Rural	21	85.7	47.6	90.2	18.2	1.28
	Low Income	57	87.7	83.4	153	28.9	1.43
	Mid/High Income	65	52.3	20.4	32.7	9.18	1.17
	Home Children	65	61.5	35.3	64.9	11.8	1.45
	Day Care Children	61	77.0	63.2	142	20.7	1.31
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	100.0	368	1,760	61.0	1.53
	Urban	100	100.0	244	612	61.0	1.50
	Rural	21	100.0	955	4,040	61.1	1.68
	Low Income	52	100.0	158	306	62.9	1.26
	Mid/High Income	65	100.0	555	2,380	62.0	1.74
	Home Children	66	100.0	234	589	62.5	1.51
	Day Care Children	55	100.0	528	2,530	59.3	1.56
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	69.0	0.129	0.309	0.041	1.39
	Urban	105	65.7	0.129	0.313	0.040	1.42
	Rural	21	85.7	0.130	0.297	0.046	1.24
	Low Income	57	87.7	0.217	0.434	0.070	1.46
	Mid/High Income	65	52.3	0.058	0.097	0.026	1.17
	Home Children	65	61.5	0.100	0.203	0.033	1.44
	Day Care Children	61	77.0	0.160	0.391	0.051	1.31
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	100.0	1.00	4.30	0.162	1.57
	Urban	100	100.0	0.739	2.03	0.163	1.55
	Rural	21	100.0	2.26	9.40	0.156	1.69
	Low Income	52	100.0	0.404	0.817	0.154	1.30
	Mid/High Income	65	100.0	1.53	5.79	0.173	1.78
	Home Children	66	100.0	0.712	1.90	0.175	1.53
	Day Care Children	55	100.0	1.35	6.04	0.147	1.61
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	69.0	0.330	0.790	0.104	1.39
	Urban	105	65.7	0.330	0.800	0.101	1.42
	Rural	21	85.7	0.332	0.759	0.118	1.24
	Low Income	57	87.7	0.553	1.11	0.179	1.46
	Mid/High Income	65	52.3	0.147	0.248	0.065	1.17
	Home Children	65	61.5	0.255	0.519	0.085	1.44
	Day Care Children	61	77.0	0.410	1.00	0.129	1.31
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	100.0	2.56	11.0	0.413	1.57
	Urban	100	100.0	1.89	5.19	0.416	1.55
	Rural	21	100.0	5.76	24.0	0.399	1.69
	Low Income	52	100.0	1.03	2.09	0.394	1.30
	Mid/High Income	65	100.0	3.91	14.8	0.442	1.78
	Home Children	66	100.0	1.82	4.87	0.447	1.53
	Day Care Children	55	100.0	3.45	15.4	0.375	1.61

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-22b. *cis*-Permethrin (61949-76-6): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	5.55	14.9	68.5	273
	Urban	105	<MDL	<MDL	5.68	13.0	68.5	273
	Rural	21	<MDL	3.09	5.42	14.9	68.0	152
	Low Income	57	<MDL	4.23	9.99	26.4	239	273
	Mid/High Income	65	<MDL	<MDL	2.49	8.29	35.9	68.5
	Home Children	65	<MDL	<MDL	3.42	12.2	68.0	152
	Day Care Children	61	<MDL	2.55	6.27	15.1	122	273
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	1.62	8.18	19.8	43.5	472	7,270
	Urban	100	1.63	8.00	20.2	43.5	535	1,330
	Rural	21	1.62	10.2	18.6	49.0	99.0	7,270
	Low Income	52	1.62	12.0	20.2	42.8	435	597
	Mid/High Income	65	1.63	6.89	20.6	43.5	1,160	7,270
	Home Children	66	1.62	8.68	22.7	56.1	448	1,300
	Day Care Children	55	2.77	7.02	18.3	37.7	597	7,270
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	14.2	38.2	175	699
	Urban	105	<MDL	<MDL	14.5	33.3	175	699
	Rural	21	<MDL	7.89	13.9	38.2	174	388
	Low Income	57	<MDL	10.8	25.5	67.5	612	699
	Mid/High Income	65	<MDL	<MDL	6.37	21.2	91.6	175
	Home Children	65	<MDL	<MDL	8.74	31.2	174	388
	Day Care Children	61	<MDL	6.52	16.0	38.5	313	699
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	4.13	20.9	50.5	111	1,210	18,600
	Urban	100	4.17	20.4	51.6	111	1,370	3,400
	Rural	21	4.13	26.1	47.5	125	253	18,600
	Low Income	52	4.13	30.6	51.7	109	1,110	1,530
	Mid/High Income	65	4.17	17.6	52.7	111	2,960	18,600
	Home Children	66	4.13	22.2	58.1	143	1,140	3,330
	Day Care Children	55	7.08	17.9	46.7	96.5	1,530	18,600
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.036	0.092	0.552	2.35
	Urban	105	<MDL	<MDL	0.036	0.099	0.552	2.35
	Rural	21	<MDL	0.021	0.035	0.066	0.362	1.36
	Low Income	57	<MDL	0.029	0.054	0.174	1.42	2.35
	Mid/High Income	65	<MDL	<MDL	0.017	0.061	0.256	0.580
	Home Children	65	<MDL	<MDL	0.024	0.087	0.362	1.36
	Day Care Children	61	<MDL	0.017	0.043	0.092	0.552	2.35
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	0.010	0.059	0.139	0.353	3.65	43.3
	Urban	100	0.010	0.056	0.133	0.349	4.01	12.5
	Rural	21	0.012	0.060	0.140	0.353	0.983	43.3
	Low Income	52	0.012	0.074	0.151	0.320	1.97	4.37
	Mid/High Income	65	0.010	0.052	0.128	0.368	7.35	43.3
	Home Children	66	0.010	0.061	0.153	0.382	3.65	11.9
	Day Care Children	55	0.016	0.045	0.125	0.274	4.37	43.3
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.091	0.236	1.41	6.01
	Urban	105	<MDL	<MDL	0.092	0.253	1.41	6.01
	Rural	21	<MDL	0.053	0.090	0.168	0.925	3.48
	Low Income	57	<MDL	0.074	0.137	0.446	3.62	6.01
	Mid/High Income	65	<MDL	<MDL	0.043	0.156	0.654	1.48
	Home Children	65	<MDL	<MDL	0.061	0.222	0.925	3.48
	Day Care Children	61	<MDL	0.044	0.111	0.236	1.41	6.01
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	0.025	0.150	0.356	0.902	9.34	111
	Urban	100	0.025	0.143	0.341	0.892	10.3	32.0
	Rural	21	0.031	0.153	0.357	0.902	2.51	111
	Low Income	52	0.031	0.188	0.385	0.819	5.04	11.2
	Mid/High Income	65	0.025	0.132	0.326	0.942	18.8	111
	Home Children	66	0.025	0.155	0.392	0.976	9.34	30.5
	Day Care Children	55	0.040	0.114	0.319	0.699	11.2	111

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-23a. *trans*-Permethrin (61949-77-7): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	68.3	17.0	44.2	4.64	1.43
	Urban	105	64.8	17.2	46.0	4.51	1.45
	Rural	21	85.7	16.1	34.1	5.35	1.35
	Low Income	57	87.7	29.8	62.3	8.76	1.47
	Mid/High Income	65	52.3	6.65	12.0	2.74	1.17
	Home Children	65	60.0	12.3	25.0	3.64	1.47
	Day Care Children	61	77.0	22.1	57.9	6.01	1.35
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	100.0	145	713	20.0	1.63
	Urban	100	100.0	95.6	241	20.0	1.63
	Rural	21	100.0	380	1,640	20.0	1.67
	Low Income	52	100.0	59.9	136	19.3	1.39
	Mid/High Income	65	100.0	221	962	21.3	1.84
	Home Children	66	100.0	89.9	236	21.4	1.58
	Day Care Children	55	100.0	211	1,030	18.5	1.71
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	68.3	43.6	113	11.9	1.43
	Urban	105	64.8	44.0	118	11.5	1.45
	Rural	21	85.7	41.1	87.2	13.7	1.35
	Low Income	57	87.7	76.0	159	22.4	1.47
	Mid/High Income	65	52.3	17.0	30.6	7.01	1.17
	Home Children	65	60.0	31.5	63.8	9.31	1.47
	Day Care Children	61	77.0	56.4	148	15.3	1.35
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	100.0	371	1,820	51.2	1.63
	Urban	100	100.0	244	615	51.2	1.63
	Rural	21	100.0	972	4,190	51.1	1.67
	Low Income	52	100.0	153	347	49.4	1.39
	Mid/High Income	65	100.0	565	2,460	54.6	1.84
	Home Children	66	100.0	230	604	54.7	1.58
	Day Care Children	55	100.0	540	2,620	47.2	1.71
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	68.3	0.117	0.333	0.031	1.42
	Urban	105	64.8	0.117	0.341	0.030	1.44
	Rural	21	85.7	0.116	0.297	0.035	1.32
	Low Income	57	87.7	0.203	0.474	0.054	1.51
	Mid/High Income	65	52.3	0.047	0.088	0.020	1.17
	Home Children	65	60.0	0.090	0.202	0.026	1.46
	Day Care Children	61	77.0	0.146	0.430	0.037	1.36
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	100.0	1.00	4.42	0.136	1.67
	Urban	100	100.0	0.734	1.99	0.137	1.68
	Rural	21	100.0	2.27	9.76	0.130	1.63
	Low Income	52	100.0	0.388	0.893	0.121	1.42
	Mid/High Income	65	100.0	1.54	5.94	0.152	1.88
	Home Children	66	100.0	0.707	1.94	0.153	1.61
	Day Care Children	55	100.0	1.35	6.21	0.117	1.74
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	68.3	0.299	0.850	0.079	1.42
	Urban	105	64.8	0.300	0.870	0.078	1.44
	Rural	21	85.7	0.297	0.760	0.089	1.32
	Low Income	57	87.7	0.518	1.21	0.139	1.51
	Mid/High Income	65	52.3	0.121	0.224	0.050	1.17
	Home Children	65	60.0	0.230	0.517	0.067	1.46
	Day Care Children	61	77.0	0.373	1.10	0.096	1.36
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	100.0	2.56	11.3	0.346	1.67
	Urban	100	100.0	1.88	5.10	0.349	1.68
	Rural	21	100.0	5.81	25.0	0.333	1.63
	Low Income	52	100.0	0.992	2.28	0.310	1.42
	Mid/High Income	65	100.0	3.95	15.2	0.390	1.88
	Home Children	66	100.0	1.81	4.97	0.391	1.61
	Day Care Children	55	100.0	3.46	15.9	0.299	1.74

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-23b. *trans*-Permethrin (61949-77-7): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	3.89	11.4	64.5	335
	Urban	105	<MDL	<MDL	3.87	11.4	64.5	335
	Rural	21	<MDL	1.93	4.07	8.14	46.5	154
	Low Income	57	<MDL	3.81	7.19	16.0	196	335
	Mid/High Income	65	<MDL	<MDL	1.79	4.86	35.4	61.8
	Home Children	65	<MDL	<MDL	2.07	11.4	59.2	154
	Day Care Children	61	<MDL	1.84	4.44	11.3	111	335
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	1.22	6.17	16.2	45.1	463	7,540
	Urban	100	1.22	5.89	16.4	48.6	615	1,300
	Rural	21	1.49	7.62	14.4	36.6	66.7	7,540
	Low Income	52	1.49	7.83	17.0	45.0	457	766
	Mid/High Income	65	1.22	5.48	16.2	58.4	1,180	7,540
	Home Children	66	1.22	6.90	17.4	59.7	412	1,300
	Day Care Children	55	1.54	5.48	12.3	39.8	766	7,540
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	9.94	29.1	165	855
	Urban	105	<MDL	<MDL	9.88	29.1	165	855
	Rural	21	<MDL	4.94	10.4	20.8	119	392
	Low Income	57	<MDL	9.75	18.4	41.0	500	855
	Mid/High Income	65	<MDL	<MDL	4.57	12.4	90.5	158
	Home Children	65	<MDL	<MDL	5.30	29.1	151	392
	Day Care Children	61	<MDL	4.70	11.3	28.9	283	855
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	3.12	15.8	41.5	115	1,180	19,300
	Urban	100	3.12	15.1	41.8	124	1,570	3,320
	Rural	21	3.80	19.5	36.7	93.6	170	19,300
	Low Income	52	3.80	20.0	43.5	115	1,170	1,960
	Mid/High Income	65	3.12	14.0	41.5	149	3,000	19,300
	Home Children	66	3.12	17.6	44.5	153	1,050	3,320
	Day Care Children	55	3.94	14.0	31.4	102	1,960	19,300
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.020	0.075	0.499	2.88
	Urban	105	<MDL	<MDL	0.020	0.077	0.499	2.88
	Rural	21	<MDL	0.013	0.028	0.054	0.293	1.37
	Low Income	57	<MDL	0.020	0.042	0.120	1.37	2.88
	Mid/High Income	65	<MDL	<MDL	0.012	0.040	0.234	0.524
	Home Children	65	<MDL	<MDL	0.015	0.075	0.356	1.37
	Day Care Children	61	<MDL	0.013	0.029	0.068	0.499	2.88
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	0.008	0.042	0.108	0.292	4.29	44.9
	Urban	100	0.008	0.036	0.114	0.332	4.41	11.9
	Rural	21	0.011	0.060	0.083	0.244	0.420	44.9
	Low Income	52	0.010	0.057	0.111	0.266	2.07	4.54
	Mid/High Income	65	0.008	0.034	0.106	0.411	7.84	44.9
	Home Children	66	0.008	0.054	0.125	0.387	3.36	11.9
	Day Care Children	55	0.010	0.034	0.083	0.258	4.54	44.9
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.052	0.191	1.28	7.36
	Urban	105	<MDL	<MDL	0.051	0.197	1.28	7.36
	Rural	21	<MDL	0.034	0.073	0.137	0.748	3.51
	Low Income	57	<MDL	0.051	0.107	0.306	3.51	7.36
	Mid/High Income	65	<MDL	<MDL	0.031	0.102	0.597	1.34
	Home Children	65	<MDL	<MDL	0.039	0.191	0.910	3.51
	Day Care Children	61	<MDL	0.033	0.074	0.173	1.28	7.36
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	0.020	0.109	0.277	0.747	11.0	115
	Urban	100	0.020	0.093	0.293	0.850	11.3	30.4
	Rural	21	0.029	0.153	0.213	0.625	1.07	115
	Low Income	52	0.024	0.145	0.284	0.681	5.29	11.6
	Mid/High Income	65	0.020	0.087	0.270	1.05	20.0	115
	Home Children	66	0.020	0.138	0.319	0.988	8.59	30.4
	Day Care Children	55	0.024	0.086	0.213	0.660	11.6	115

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-24a. PCB 52 (35693-99-3): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	96.0	8.19	11.3	6.08	0.683
	Urban	105	95.2	8.09	11.7	5.94	0.699
	Rural	21	100.0	8.69	9.23	6.80	0.597
	Low Income	57	98.2	9.54	15.8	6.44	0.739
	Mid/High Income	65	96.9	7.33	5.20	6.14	0.587
	Home Children	65	95.4	6.78	5.80	5.56	0.612
	Day Care Children	61	96.7	9.69	15.0	6.68	0.745
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	33.9	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	52	30.8	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	96.0	28.0	38.6	20.8	0.683
	Urban	105	95.2	27.7	40.0	20.4	0.699
	Rural	21	100.0	29.8	31.6	23.3	0.597
	Low Income	57	98.2	32.7	54.0	22.0	0.739
	Mid/High Income	65	96.9	25.1	17.8	21.0	0.587
	Home Children	65	95.4	23.2	19.9	19.1	0.612
	Day Care Children	61	96.7	33.2	51.4	22.9	0.745
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	33.9	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	52	30.8	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	96.0	0.056	0.084	0.041	0.713
	Urban	105	95.2	0.057	0.090	0.040	0.740
	Rural	21	100.0	0.053	0.042	0.044	0.567
	Low Income	57	98.2	0.064	0.119	0.040	0.818
	Mid/High Income	65	96.9	0.052	0.035	0.044	0.580
	Home Children	65	95.4	0.048	0.035	0.040	0.619
	Day Care Children	61	96.7	0.065	0.115	0.042	0.805
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	33.9	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	52	30.8	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	96.0	0.193	0.287	0.140	0.713
	Urban	105	95.2	0.195	0.308	0.137	0.740
	Rural	21	100.0	0.182	0.143	0.152	0.567
	Low Income	57	98.2	0.219	0.407	0.137	0.818
	Mid/High Income	65	96.9	0.177	0.118	0.150	0.580
	Home Children	65	95.4	0.165	0.118	0.137	0.619
	Day Care Children	61	96.7	0.223	0.393	0.143	0.805
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	33.9	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	52	30.8	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	27.3	--	--	--	--
	Day Care Children	55	41.8	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-24b. PCB 52 (35693-99-3): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	4.33	5.99	8.08	22.6	114
	Urban	105	<MDL	4.30	6.00	8.17	21.8	114
	Rural	21	3.54	4.58	5.83	7.35	25.0	44.0
	Low Income	57	<MDL	4.58	6.24	7.91	33.9	114
	Mid/High Income	65	<MDL	4.49	5.83	8.17	21.8	27.4
	Home Children	65	<MDL	4.23	5.48	7.83	14.0	44.0
	Day Care Children	61	<MDL	5.43	6.29	8.40	25.0	114
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	<MDL	<MDL	0.174	0.736	2.19
	Urban	100	<MDL	<MDL	<MDL	0.175	0.721	2.19
	Rural	21	<MDL	<MDL	<MDL	0.139	1.75	2.06
	Low Income	52	<MDL	<MDL	<MDL	0.092	1.30	2.19
	Mid/High Income	65	<MDL	<MDL	<MDL	0.177	0.672	1.75
	Home Children	66	<MDL	<MDL	<MDL	0.172	1.27	2.19
	Day Care Children	55	<MDL	<MDL	<MDL	0.177	0.736	1.30
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	14.8	20.5	27.7	77.3	392
	Urban	105	<MDL	14.7	20.6	28.0	74.6	392
	Rural	21	12.1	15.7	20.0	25.2	85.6	151
	Low Income	57	<MDL	15.7	21.4	27.1	116	392
	Mid/High Income	65	<MDL	15.4	20.0	28.0	74.6	93.8
	Home Children	65	<MDL	14.5	18.8	26.8	48.0	151
	Day Care Children	61	<MDL	18.6	21.5	28.8	85.6	392
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	<MDL	<MDL	0.598	2.52	7.49
	Urban	100	<MDL	<MDL	<MDL	0.600	2.47	7.49
	Rural	21	<MDL	<MDL	<MDL	0.476	6.00	7.04
	Low Income	52	<MDL	<MDL	<MDL	0.317	4.44	7.49
	Mid/High Income	65	<MDL	<MDL	<MDL	0.605	2.30	6.00
	Home Children	66	<MDL	<MDL	<MDL	0.590	4.34	7.49
	Day Care Children	55	<MDL	<MDL	<MDL	0.605	2.52	4.44
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.029	0.040	0.057	0.144	0.863
	Urban	105	<MDL	0.028	0.040	0.057	0.144	0.863
	Rural	21	0.015	0.034	0.042	0.054	0.134	0.200
	Low Income	57	<MDL	0.028	0.040	0.056	0.200	0.863
	Mid/High Income	65	<MDL	0.030	0.042	0.061	0.134	0.200
	Home Children	65	<MDL	0.029	0.039	0.057	0.089	0.200
	Day Care Children	61	<MDL	0.029	0.043	0.057	0.145	0.863
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.001	0.006	0.018
	Urban	100	<MDL	<MDL	<MDL	0.001	0.005	0.018
	Rural	21	<MDL	<MDL	<MDL	0.001	0.009	0.016
	Low Income	52	<MDL	<MDL	<MDL	0.001	0.008	0.018
	Mid/High Income	65	<MDL	<MDL	<MDL	0.001	0.005	0.016
	Home Children	66	<MDL	<MDL	<MDL	0.001	0.009	0.018
	Day Care Children	55	<MDL	<MDL	<MDL	0.001	0.006	0.008
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.098	0.137	0.197	0.494	2.95
	Urban	105	<MDL	0.098	0.136	0.197	0.494	2.95
	Rural	21	0.053	0.116	0.142	0.186	0.460	0.685
	Low Income	57	<MDL	0.096	0.138	0.190	0.685	2.95
	Mid/High Income	65	<MDL	0.104	0.145	0.210	0.460	0.684
	Home Children	65	<MDL	0.101	0.135	0.195	0.305	0.685
	Day Care Children	61	<MDL	0.098	0.147	0.197	0.497	2.95
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.005	0.019	0.061
	Urban	100	<MDL	<MDL	<MDL	0.005	0.017	0.061
	Rural	21	<MDL	<MDL	<MDL	0.003	0.032	0.053
	Low Income	52	<MDL	<MDL	<MDL	0.002	0.026	0.061
	Mid/High Income	65	<MDL	<MDL	<MDL	0.005	0.016	0.053
	Home Children	66	<MDL	<MDL	<MDL	0.005	0.032	0.061
	Day Care Children	55	<MDL	<MDL	<MDL	0.005	0.019	0.026

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-25a. PCB 95 (38379-99-6): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	81.0	1.76	3.89	1.10	0.750
	Urban	105	81.0	1.65	3.67	1.09	0.706
	Rural	21	81.0	2.35	4.92	1.16	0.957
	Low Income	57	80.7	2.34	5.55	1.24	0.853
	Mid/High Income	65	86.2	1.34	1.45	1.04	0.627
	Home Children	65	76.9	1.52	2.81	1.03	0.731
	Day Care Children	61	85.2	2.02	4.80	1.17	0.770
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	34.6	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	81.0	5.40	11.9	3.36	0.750
	Urban	105	81.0	5.04	11.3	3.33	0.706
	Rural	21	81.0	7.19	15.1	3.54	0.957
	Low Income	57	80.7	7.16	17.0	3.79	0.853
	Mid/High Income	65	86.2	4.10	4.44	3.19	0.627
	Home Children	65	76.9	4.65	8.61	3.16	0.731
	Day Care Children	61	85.2	6.20	14.7	3.59	0.770
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	34.6	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	81.0	0.012	0.027	0.007	0.755
	Urban	105	81.0	0.012	0.028	0.007	0.732
	Rural	21	81.0	0.013	0.022	0.008	0.883
	Low Income	57	80.7	0.015	0.038	0.008	0.870
	Mid/High Income	65	86.2	0.010	0.009	0.007	0.643
	Home Children	65	76.9	0.010	0.013	0.007	0.736
	Day Care Children	61	85.2	0.013	0.036	0.007	0.781
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	34.6	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	81.0	0.036	0.082	0.023	0.755
	Urban	105	81.0	0.035	0.084	0.022	0.732
	Rural	21	81.0	0.040	0.068	0.023	0.883
	Low Income	57	80.7	0.046	0.117	0.023	0.870
	Mid/High Income	65	86.2	0.029	0.029	0.023	0.643
	Home Children	65	76.9	0.031	0.041	0.023	0.736
	Day Care Children	61	85.2	0.041	0.110	0.022	0.781
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	34.6	--	--	--	--
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-25b. PCB 95 (38379-99-6): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	0.708	1.00	1.56	3.39	36.9
	Urban	105	<MDL	0.707	1.01	1.54	3.11	36.9
	Rural	21	<MDL	0.759	0.825	1.59	6.15	23.1
	Low Income	57	<MDL	0.768	1.02	1.73	4.31	36.9
	Mid/High Income	65	<MDL	0.708	0.984	1.42	2.76	10.5
	Home Children	65	<MDL	0.671	1.01	1.56	2.76	23.1
	Day Care Children	61	<MDL	0.735	0.951	1.47	4.31	36.9
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	<MDL	<MDL	0.123	0.586	1.82
	Urban	100	<MDL	<MDL	<MDL	0.126	0.586	1.82
	Rural	21	<MDL	<MDL	<MDL	0.088	0.661	1.75
	Low Income	52	<MDL	<MDL	<MDL	0.090	0.588	0.661
	Mid/High Income	65	<MDL	<MDL	<MDL	0.124	0.586	1.82
	Home Children	66	<MDL	<MDL	<MDL	0.108	0.588	1.75
	Day Care Children	55	<MDL	<MDL	<MDL	0.124	0.586	1.82
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	2.17	3.08	4.77	10.4	113
	Urban	105	<MDL	2.17	3.09	4.72	9.52	113
	Rural	21	<MDL	2.33	2.53	4.87	18.8	70.7
	Low Income	57	<MDL	2.35	3.12	5.31	13.2	113
	Mid/High Income	65	<MDL	2.17	3.02	4.36	8.46	32.2
	Home Children	65	<MDL	2.06	3.09	4.77	8.46	70.7
	Day Care Children	61	<MDL	2.25	2.91	4.51	13.2	113
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	<MDL	<MDL	0.377	1.80	5.59
	Urban	100	<MDL	<MDL	<MDL	0.386	1.79	5.59
	Rural	21	<MDL	<MDL	<MDL	0.270	2.03	5.36
	Low Income	52	<MDL	<MDL	<MDL	0.277	1.80	2.03
	Mid/High Income	65	<MDL	<MDL	<MDL	0.379	1.80	5.59
	Home Children	66	<MDL	<MDL	<MDL	0.331	1.80	5.36
	Day Care Children	55	<MDL	<MDL	<MDL	0.379	1.80	5.59
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	0.004	0.006	0.009	0.024	0.278
	Urban	105	<MDL	0.004	0.006	0.009	0.024	0.278
	Rural	21	<MDL	0.005	0.006	0.010	0.033	0.105
	Low Income	57	<MDL	0.005	0.007	0.010	0.034	0.278
	Mid/High Income	65	<MDL	0.005	0.007	0.009	0.024	0.065
	Home Children	65	<MDL	0.005	0.007	0.010	0.024	0.105
	Day Care Children	61	<MDL	0.004	0.006	0.009	0.033	0.278
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.001	0.004	0.016
	Urban	100	<MDL	<MDL	<MDL	0.001	0.004	0.012
	Rural	21	<MDL	<MDL	<MDL	0.001	0.003	0.016
	Low Income	52	<MDL	<MDL	<MDL	0.001	0.004	0.005
	Mid/High Income	65	<MDL	<MDL	<MDL	0.001	0.005	0.016
	Home Children	66	<MDL	<MDL	<MDL	0.001	0.004	0.016
	Day Care Children	55	<MDL	<MDL	<MDL	0.001	0.004	0.012
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	0.014	0.020	0.029	0.074	0.852
	Urban	105	<MDL	0.014	0.020	0.028	0.073	0.852
	Rural	21	<MDL	0.014	0.020	0.030	0.101	0.322
	Low Income	57	<MDL	0.014	0.021	0.031	0.103	0.852
	Mid/High Income	65	<MDL	0.015	0.020	0.028	0.072	0.200
	Home Children	65	<MDL	0.015	0.021	0.030	0.072	0.322
	Day Care Children	61	<MDL	0.013	0.018	0.028	0.101	0.852
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.002	0.012	0.048
	Urban	100	<MDL	<MDL	<MDL	0.003	0.013	0.037
	Rural	21	<MDL	<MDL	<MDL	0.002	0.009	0.048
	Low Income	52	<MDL	<MDL	<MDL	0.002	0.011	0.015
	Mid/High Income	65	<MDL	<MDL	<MDL	0.002	0.014	0.048
	Home Children	66	<MDL	<MDL	<MDL	0.003	0.013	0.048
	Day Care Children	55	<MDL	<MDL	<MDL	0.002	0.012	0.037

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-26a. PCB 101 (37680-73-2): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	57.1	1.47	3.39	0.827	0.834
	Urban	105	54.3	1.31	2.88	0.799	0.785
	Rural	21	71.4	2.28	5.27	0.981	1.05
	Low Income	57	56.1	1.94	4.77	0.901	0.950
	Mid/High Income	65	61.5	1.12	1.44	0.800	0.727
	Home Children	65	61.5	1.39	3.04	0.845	0.818
	Day Care Children	61	52.5	1.55	3.74	0.807	0.857
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	36.5	--	--	--	--
	Mid/High Income	65	35.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	57.1	4.50	10.4	2.53	0.834
	Urban	105	54.3	4.00	8.81	2.45	0.785
	Rural	21	71.4	6.99	16.1	3.01	1.05
	Low Income	57	56.1	5.93	14.6	2.76	0.950
	Mid/High Income	65	61.5	3.44	4.41	2.45	0.727
	Home Children	65	61.5	4.27	9.30	2.59	0.818
	Day Care Children	61	52.5	4.75	11.5	2.47	0.857
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	36.5	--	--	--	--
	Mid/High Income	65	35.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	57.1	0.010	0.022	0.006	0.849
	Urban	105	54.3	0.009	0.021	0.005	0.823
	Rural	21	71.4	0.012	0.024	0.006	0.979
	Low Income	57	56.1	0.012	0.031	0.006	0.972
	Mid/High Income	65	61.5	0.008	0.010	0.006	0.747
	Home Children	65	61.5	0.009	0.014	0.006	0.826
	Day Care Children	61	52.5	0.010	0.028	0.005	0.870
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	36.5	--	--	--	--
	Mid/High Income	65	35.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	57.1	0.030	0.067	0.017	0.849
	Urban	105	54.3	0.028	0.066	0.016	0.823
	Rural	21	71.4	0.038	0.073	0.020	0.979
	Low Income	57	56.1	0.037	0.094	0.017	0.972
	Mid/High Income	65	61.5	0.025	0.029	0.017	0.747
	Home Children	65	61.5	0.028	0.044	0.019	0.826
	Day Care Children	61	52.5	0.031	0.085	0.015	0.870
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	36.4	--	--	--	--
	Urban	100	35.0	--	--	--	--
	Rural	21	42.9	--	--	--	--
	Low Income	52	36.5	--	--	--	--
	Mid/High Income	65	35.4	--	--	--	--
	Home Children	66	36.4	--	--	--	--
	Day Care Children	55	36.4	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-26b. PCB 101 (37680-73-2): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	<MDL	<MDL	0.679	1.20	3.27	27.8
	Urban	105	<MDL	<MDL	0.680	1.18	3.23	27.8
	Rural	21	<MDL	<MDL	0.678	1.38	4.96	24.7
	Low Income	57	<MDL	<MDL	0.645	1.45	3.95	27.8
	Mid/High Income	65	<MDL	<MDL	0.698	1.18	3.26	10.5
	Home Children	65	<MDL	<MDL	0.758	1.36	3.26	24.7
	Day Care Children	61	<MDL	<MDL	0.582	1.05	3.95	27.8
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	<MDL	<MDL	<MDL	0.172	0.588	3.65
	Urban	100	<MDL	<MDL	<MDL	0.173	0.588	3.65
	Rural	21	<MDL	<MDL	<MDL	0.134	0.775	1.75
	Low Income	52	<MDL	<MDL	<MDL	0.133	0.588	0.775
	Mid/High Income	65	<MDL	<MDL	<MDL	0.172	0.599	3.65
	Home Children	66	<MDL	<MDL	<MDL	0.169	0.588	1.75
	Day Care Children	55	<MDL	<MDL	<MDL	0.177	0.689	3.65
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	<MDL	<MDL	2.08	3.67	10.0	85.1
	Urban	105	<MDL	<MDL	2.08	3.61	9.90	85.1
	Rural	21	<MDL	<MDL	2.08	4.23	15.2	75.7
	Low Income	57	<MDL	<MDL	1.98	4.45	12.1	85.1
	Mid/High Income	65	<MDL	<MDL	2.14	3.61	9.98	32.2
	Home Children	65	<MDL	<MDL	2.32	4.17	9.98	75.7
	Day Care Children	61	<MDL	<MDL	1.78	3.23	12.1	85.1
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	<MDL	<MDL	<MDL	0.527	1.80	11.2
	Urban	100	<MDL	<MDL	<MDL	0.529	1.80	11.2
	Rural	21	<MDL	<MDL	<MDL	0.410	2.38	5.36
	Low Income	52	<MDL	<MDL	<MDL	0.409	1.80	2.38
	Mid/High Income	65	<MDL	<MDL	<MDL	0.527	1.83	11.2
	Home Children	66	<MDL	<MDL	<MDL	0.518	1.80	5.36
	Day Care Children	55	<MDL	<MDL	<MDL	0.542	2.11	11.2
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	<MDL	<MDL	0.005	0.008	0.026	0.210
	Urban	105	<MDL	<MDL	0.004	0.008	0.025	0.210
	Rural	21	<MDL	<MDL	0.005	0.010	0.027	0.112
	Low Income	57	<MDL	<MDL	0.004	0.008	0.032	0.210
	Mid/High Income	65	<MDL	<MDL	0.005	0.008	0.026	0.065
	Home Children	65	<MDL	<MDL	0.006	0.009	0.025	0.112
	Day Care Children	61	<MDL	<MDL	0.004	0.006	0.027	0.210
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.001	0.004	0.024
	Urban	100	<MDL	<MDL	<MDL	0.001	0.004	0.024
	Rural	21	<MDL	<MDL	<MDL	0.001	0.004	0.016
	Low Income	52	<MDL	<MDL	<MDL	0.001	0.004	0.005
	Mid/High Income	65	<MDL	<MDL	<MDL	0.001	0.005	0.024
	Home Children	66	<MDL	<MDL	<MDL	0.001	0.005	0.016
	Day Care Children	55	<MDL	<MDL	<MDL	0.001	0.004	0.024
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	<MDL	<MDL	0.014	0.025	0.080	0.642
	Urban	105	<MDL	<MDL	0.014	0.023	0.076	0.642
	Rural	21	<MDL	<MDL	0.016	0.029	0.082	0.344
	Low Income	57	<MDL	<MDL	0.013	0.024	0.099	0.642
	Mid/High Income	65	<MDL	<MDL	0.016	0.025	0.080	0.200
	Home Children	65	<MDL	<MDL	0.018	0.029	0.076	0.344
	Day Care Children	61	<MDL	<MDL	0.012	0.019	0.082	0.642
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	<MDL	<MDL	<MDL	0.004	0.013	0.074
	Urban	100	<MDL	<MDL	<MDL	0.004	0.013	0.074
	Rural	21	<MDL	<MDL	<MDL	0.002	0.011	0.048
	Low Income	52	<MDL	<MDL	<MDL	0.003	0.012	0.015
	Mid/High Income	65	<MDL	<MDL	<MDL	0.004	0.017	0.074
	Home Children	66	<MDL	<MDL	<MDL	0.004	0.014	0.048
	Day Care Children	55	<MDL	<MDL	<MDL	0.004	0.012	0.074

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-27a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in NC Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	126	100.0	43.5	87.5	23.1	1.00
	Urban	105	100.0	44.8	93.9	23.2	1.00
	Rural	21	100.0	37.1	44.9	22.8	1.01
	Low Income	57	100.0	48.6	102	25.2	1.01
	Mid/High Income	65	100.0	40.1	75.6	21.4	1.02
	Home Children	65	100.0	38.6	76.0	19.2	1.09
	Day Care Children	61	100.0	48.8	98.7	28.2	0.870
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	98.4	1,620	2,180	911	1.20
	Urban	107	98.1	1,680	2,360	890	1.26
	Rural	21	100.0	1,310	742	1,030	0.880
	Low Income	59	98.3	1,110	1,760	598	1.26
	Mid/High Income	65	98.5	2,060	2,470	1,300	1.04
	Home Children	65	98.5	1,880	2,400	1,110	1.14
	Day Care Children	63	98.4	1,340	1,920	746	1.24
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	100.0	7.33	18.3	2.52	1.36
	Urban	100	100.0	5.31	9.73	2.33	1.28
	Rural	21	100.0	16.9	37.7	3.65	1.70
	Low Income	52	100.0	8.32	23.3	2.59	1.35
	Mid/High Income	65	100.0	5.42	8.75	2.33	1.34
	Home Children	66	100.0	6.74	13.9	2.62	1.37
	Day Care Children	55	100.0	8.03	22.6	2.40	1.37
Potential Exposure – Aggregated (ng/day)	Overall	117	100.0	1,660	2,130	1,010	1.06
	Urban	96	100.0	1,720	2,330	993	1.11
	Rural	21	100.0	1,360	757	1,080	0.848
	Low Income	50	100.0	1,200	1,900	681	1.08
	Mid/High Income	63	100.0	2,010	2,300	1,340	0.967
	Home Children	64	100.0	1,950	2,410	1,180	1.08
	Day Care Children	53	100.0	1,310	1,700	831	1.01
Potential Exposure in NC Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	126	100.0	219	441	117	1.00
	Urban	105	100.0	226	473	117	1.00
	Rural	21	100.0	187	226	115	1.01
	Low Income	57	100.0	245	516	127	1.01
	Mid/High Income	65	100.0	202	381	108	1.02
	Home Children	65	100.0	194	383	96.9	1.09
	Day Care Children	61	100.0	246	497	142	0.870
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	98.4	8,150	11,000	4,590	1.20
	Urban	107	98.1	8,460	11,900	4,480	1.26
	Rural	21	100.0	6,610	3,740	5,170	0.880
	Low Income	59	98.3	5,610	8,890	3,010	1.26
	Mid/High Income	65	98.5	10,400	12,500	6,550	1.04
	Home Children	65	98.5	9,480	12,100	5,570	1.14
	Day Care Children	63	98.4	6,780	9,660	3,760	1.24
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	100.0	36.9	92.2	12.7	1.36
	Urban	100	100.0	26.8	49.0	11.7	1.28
	Rural	21	100.0	85.2	190	18.4	1.70
	Low Income	52	100.0	41.9	118	13.0	1.35
	Mid/High Income	65	100.0	27.3	44.1	11.7	1.34
	Home Children	66	100.0	34.0	70.0	13.2	1.37
	Day Care Children	55	100.0	40.5	114	12.1	1.37
Potential Exposure – Aggregated (pmoles/day)	Overall	117	100.0	8,350	10,800	5,080	1.06
	Urban	96	100.0	8,680	11,700	5,000	1.11
	Rural	21	100.0	6,880	3,810	5,440	0.848
	Low Income	50	100.0	6,050	9,550	3,430	1.08
	Mid/High Income	63	100.0	10,100	11,600	6,770	0.967
	Home Children	64	100.0	9,810	12,200	5,960	1.08
	Day Care Children	53	100.0	6,600	8,560	4,190	1.01

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table N-27b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in NC Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	126	2.13	12.3	21.5	37.9	139	750
	Urban	105	2.13	12.9	20.6	35.5	139	750
	Rural	21	2.94	11.4	29.5	38.5	128	195
	Low Income	57	2.94	13.8	24.0	40.6	182	750
	Mid/High Income	65	2.13	11.8	18.6	33.1	137	569
	Home Children	65	2.13	10.1	17.8	33.1	128	569
	Day Care Children	61	7.00	15.4	23.5	40.6	139	750
Potential Exposure via Dietary Ingestion (ng/day)	Overall	128	<MDL	560	1,200	1,750	4,360	14,300
	Urban	107	<MDL	543	1,080	1,840	4,700	14,300
	Rural	21	56.6	722	1,310	1,560	2,630	2,770
	Low Income	59	<MDL	299	675	1,430	2,770	13,200
	Mid/High Income	65	<MDL	952	1,340	2,010	5,800	14,300
	Home Children	65	<MDL	642	1,310	2,460	4,360	14,300
	Day Care Children	63	<MDL	429	928	1,550	2,550	11,500
Potential Exposure via Indirect Ingestion (ng/day)	Overall	121	0.062	1.25	2.28	5.01	26.2	154
	Urban	100	0.062	1.24	2.25	4.63	24.5	67.1
	Rural	21	0.245	1.26	2.64	8.71	92.0	154
	Low Income	52	0.070	1.36	2.23	5.12	42.5	154
	Mid/High Income	65	0.062	1.09	2.48	4.70	24.6	51.6
	Home Children	66	0.062	1.15	2.65	5.69	26.2	92.0
	Day Care Children	55	0.099	1.26	2.12	4.24	30.1	154
Potential Exposure – Aggregated (ng/day)	Overall	117	55.1	596	1,310	1,770	4,390	14,400
	Urban	96	55.1	583	1,230	1,880	4,770	14,400
	Rural	21	71.4	765	1,370	1,640	2,770	2,780
	Low Income	50	55.1	358	726	1,440	2,780	13,200
	Mid/High Income	63	69.9	1,030	1,380	2,050	4,770	14,400
	Home Children	64	69.9	679	1,360	2,540	4,390	14,400
	Day Care Children	53	55.1	551	1,080	1,600	2,570	11,600
Potential Exposure in NC Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	126	10.7	62.0	108	191	701	3,780
	Urban	105	10.7	65.2	104	179	701	3,780
	Rural	21	14.8	57.4	149	194	643	985
	Low Income	57	14.8	69.7	121	205	918	3,780
	Mid/High Income	65	10.7	59.6	93.5	167	690	2,870
	Home Children	65	10.7	51.1	89.7	167	643	2,870
	Day Care Children	61	35.3	77.8	119	205	701	3,780
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	128	<MDL	2,820	6,050	8,820	22,000	72,100
	Urban	107	<MDL	2,730	5,460	9,260	23,700	72,100
	Rural	21	285	3,640	6,610	7,840	13,300	14,000
	Low Income	59	<MDL	1,510	3,400	7,220	14,000	66,400
	Mid/High Income	65	<MDL	4,800	6,750	10,100	29,200	72,100
	Home Children	65	<MDL	3,230	6,610	12,400	22,000	72,100
	Day Care Children	63	<MDL	2,160	4,680	7,830	12,800	57,800
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	121	0.313	6.28	11.5	25.3	132	775
	Urban	100	0.313	6.27	11.4	23.4	124	338
	Rural	21	1.24	6.35	13.3	43.9	464	775
	Low Income	52	0.355	6.87	11.2	25.8	214	775
	Mid/High Income	65	0.313	5.51	12.5	23.7	124	260
	Home Children	66	0.313	5.80	13.3	28.7	132	464
	Day Care Children	55	0.497	6.35	10.7	21.4	152	775
Potential Exposure – Aggregated (pmoles/day)	Overall	117	277	3,000	6,580	8,930	22,100	72,400
	Urban	96	277	2,940	6,210	9,500	24,000	72,400
	Rural	21	360	3,860	6,920	8,250	13,900	14,000
	Low Income	50	277	1,810	3,660	7,260	14,000	66,400
	Mid/High Income	63	352	5,170	6,970	10,300	24,000	72,400
	Home Children	64	352	3,420	6,840	12,800	22,100	72,400
	Day Care Children	53	277	2,780	5,450	8,060	12,900	58,500

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table N-27c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in NC Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	100.0	0.300	0.665	0.155	1.00
	Urban	105	100.0	0.316	0.721	0.157	1.02
	Rural	21	100.0	0.222	0.238	0.149	0.945
	Low Income	57	100.0	0.336	0.874	0.156	1.04
	Mid/High Income	65	100.0	0.274	0.439	0.153	1.00
	Home Children	65	100.0	0.258	0.432	0.138	1.06
	Day Care Children	61	100.0	0.345	0.848	0.176	0.925
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	98.4	11.2	15.7	6.10	1.24
	Urban	107	98.1	11.8	17.0	5.99	1.31
	Rural	21	100.0	8.38	4.70	6.70	0.808
	Low Income	59	98.3	7.59	14.9	3.71	1.32
	Mid/High Income	65	98.5	14.4	16.1	9.24	1.02
	Home Children	65	98.5	13.9	18.9	7.88	1.15
	Day Care Children	63	98.4	8.41	11.0	4.69	1.29
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	100.0	0.051	0.121	0.017	1.38
	Urban	100	100.0	0.038	0.078	0.016	1.31
	Rural	21	100.0	0.108	0.231	0.024	1.68
	Low Income	52	100.0	0.054	0.144	0.016	1.35
	Mid/High Income	65	100.0	0.039	0.059	0.017	1.37
	Home Children	66	100.0	0.048	0.105	0.019	1.35
	Day Care Children	55	100.0	0.053	0.139	0.015	1.41
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	117	100.0	11.6	15.5	6.81	1.10
	Urban	96	100.0	12.2	16.9	6.76	1.16
	Rural	21	100.0	8.71	4.74	7.05	0.776
	Low Income	50	100.0	8.27	16.1	4.26	1.15
	Mid/High Income	63	100.0	14.0	15.0	9.57	0.945
	Home Children	64	100.0	14.4	19.0	8.45	1.10
	Day Care Children	53	100.0	8.15	8.73	5.25	1.06
Potential Absorbed Dose in NC Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	100.0	1.51	3.35	0.783	1.00
	Urban	105	100.0	1.59	3.63	0.789	1.02
	Rural	21	100.0	1.12	1.20	0.751	0.945
	Low Income	57	100.0	1.69	4.41	0.788	1.04
	Mid/High Income	65	100.0	1.38	2.21	0.769	1.00
	Home Children	65	100.0	1.30	2.18	0.695	1.06
	Day Care Children	61	100.0	1.74	4.27	0.889	0.925
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	98.4	56.5	79.0	30.7	1.24
	Urban	107	98.1	59.3	85.6	30.2	1.31
	Rural	21	100.0	42.2	23.7	33.7	0.808
	Low Income	59	98.3	38.2	75.3	18.7	1.32
	Mid/High Income	65	98.5	72.4	81.1	46.6	1.02
	Home Children	65	98.5	70.2	95.0	39.7	1.15
	Day Care Children	63	98.4	42.4	55.5	23.6	1.29
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	100.0	0.255	0.611	0.086	1.38
	Urban	100	100.0	0.194	0.395	0.080	1.31
	Rural	21	100.0	0.546	1.17	0.120	1.68
	Low Income	52	100.0	0.271	0.725	0.082	1.35
	Mid/High Income	65	100.0	0.195	0.300	0.084	1.37
	Home Children	66	100.0	0.244	0.527	0.094	1.35
	Day Care Children	55	100.0	0.267	0.703	0.077	1.41
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	117	100.0	58.3	77.9	34.3	1.10
	Urban	96	100.0	61.4	85.1	34.1	1.16
	Rural	21	100.0	43.9	23.9	35.5	0.776
	Low Income	50	100.0	41.7	81.0	21.5	1.15
	Mid/High Income	63	100.0	70.7	75.4	48.2	0.945
	Home Children	64	100.0	72.5	95.6	42.6	1.10
	Day Care Children	53	100.0	41.1	44.0	26.5	1.06

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table N-27d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Exposure and Absorbed Dose in NC Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in NC Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	126	0.016	0.086	0.137	0.242	0.978	6.55
	Urban	105	0.017	0.088	0.130	0.235	0.978	6.55
	Rural	21	0.016	0.084	0.192	0.242	0.581	1.10
	Low Income	57	0.016	0.088	0.145	0.235	1.01	6.55
	Mid/High Income	65	0.017	0.080	0.124	0.250	0.877	3.06
	Home Children	65	0.016	0.071	0.130	0.235	0.978	3.06
	Day Care Children	61	0.046	0.096	0.157	0.261	0.945	6.55
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	128	<MDL	3.58	7.92	12.0	32.9	113
	Urban	107	<MDL	3.54	7.58	13.0	36.9	113
	Rural	21	0.562	3.70	8.31	11.0	14.0	19.6
	Low Income	59	<MDL	1.99	3.97	8.42	19.6	113
	Mid/High Income	65	<MDL	5.98	9.85	15.7	38.3	99.8
	Home Children	65	<MDL	4.45	8.84	15.7	36.9	113
	Day Care Children	63	<MDL	3.04	5.46	9.82	18.0	65.5
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	121	0.000	0.008	0.016	0.034	0.214	0.823
	Urban	100	0.000	0.008	0.015	0.033	0.170	0.621
	Rural	21	0.002	0.008	0.021	0.051	0.734	0.823
	Low Income	52	0.001	0.008	0.014	0.029	0.268	0.823
	Mid/High Income	65	0.000	0.008	0.016	0.036	0.146	0.304
	Home Children	66	0.000	0.008	0.017	0.041	0.268	0.734
	Day Care Children	55	0.001	0.007	0.013	0.026	0.214	0.823
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	117	0.234	3.95	8.37	12.6	33.1	113
	Urban	96	0.234	4.07	8.32	13.1	37.2	113
	Rural	21	0.709	3.89	9.40	11.3	14.0	19.6
	Low Income	50	0.234	2.50	4.49	9.24	19.6	113
	Mid/High Income	63	0.591	6.98	0.00	15.9	37.2	100
	Home Children	64	0.591	5.03	9.50	16.4	37.2	113
	Day Care Children	53	0.234	3.41	7.43	9.53	18.2	56.3
Potential Absorbed Dose in NC Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	126	0.082	0.432	0.690	1.22	4.93	33.0
	Urban	105	0.085	0.443	0.656	1.19	4.93	33.0
	Rural	21	0.082	0.422	0.966	1.22	2.93	5.56
	Low Income	57	0.082	0.443	0.733	1.19	5.10	33.0
	Mid/High Income	65	0.085	0.404	0.624	1.26	4.42	15.4
	Home Children	65	0.082	0.357	0.656	1.19	4.93	15.4
	Day Care Children	61	0.232	0.482	0.791	1.32	4.76	33.0
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	128	<MDL	18.0	39.9	60.4	166	571
	Urban	107	<MDL	17.8	38.2	65.3	186	571
	Rural	21	2.83	18.6	41.9	55.7	70.3	98.7
	Low Income	59	<MDL	10.1	20.0	42.4	98.7	571
	Mid/High Income	65	<MDL	30.1	49.6	79.2	193	503
	Home Children	65	<MDL	22.4	44.5	79.2	186	571
	Day Care Children	63	<MDL	15.3	27.5	49.5	90.8	330
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	121	0.002	0.040	0.079	0.169	1.08	4.15
	Urban	100	0.002	0.040	0.074	0.168	0.854	3.13
	Rural	21	0.009	0.040	0.105	0.255	3.70	4.15
	Low Income	52	0.003	0.040	0.070	0.144	1.35	4.15
	Mid/High Income	65	0.002	0.040	0.080	0.180	0.735	1.53
	Home Children	66	0.002	0.041	0.085	0.207	1.35	3.70
	Day Care Children	55	0.003	0.037	0.066	0.133	1.08	4.15
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	117	1.18	19.9	42.2	63.4	167	572
	Urban	96	1.18	20.5	41.9	66.1	187	572
	Rural	21	3.57	19.6	47.4	57.0	70.5	98.9
	Low Income	50	1.18	12.6	22.6	46.6	98.9	572
	Mid/High Income	63	2.98	35.2	50.4	80.3	187	505
	Home Children	64	2.98	25.3	47.9	82.5	187	572
	Day Care Children	53	1.18	17.2	37.5	48.0	91.5	284

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Appendix O

Descriptive Statistics of Potential Exposure Level and Potential Absorbed Dose Estimates for Target Pollutants in Participating OH Adults

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This appendix contains tables of descriptive statistics of potential exposure and potential absorbed dose estimates (expressed in both ng and pmole units) in OH adults for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers for Potential Exposure Summaries	Table Numbers for Potential Absorbed Dose Summaries
Benz[*a*]anthracene	Tables O-1a, O-1b	Tables O-1a, O-1b
Benzo[*b*]fluoranthene	Tables O-2a, O-2b	Tables O-2a, O-2b
Benzo[*k*]fluoranthene	Tables O-3a, O-3b	Tables O-3a, O-3b
Benzo[*ghi*]perylene	Tables O-4a, O-4b	Tables O-4a, O-4b
Benzo[*a*]pyrene	Tables O-5a, O-5b	Tables O-5a, O-5b
Benzo[*e*]pyrene	Tables O-6a, O-6b	Tables O-6a, O-6b
Benzylbutylphthalate	Tables O-7a, O-7b	Tables O-7a, O-7b
Bisphenol-A	Tables O-8a, O-8b	Tables O-8a, O-8b
alpha-Chlordane	Tables O-9a, O-9b	Tables O-9a, O-9b
gamma-Chlordane	Tables O-10a, O-10b	Tables O-10a, O-10b
Chlorpyrifos	Tables O-11a, O-11b	Tables O-11a, O-11b
Chrysene	Tables O-12a, O-12b	Tables O-12a, O-12b
Cyfluthrin	Tables O-13a, O-13b	Tables O-13a, O-13b
Diazinon	Tables O-14a, O-14b	Tables O-14a, O-14b
Dibenzo[*a,h*]anthracene	Tables O-15a, O-15b	Tables O-15a, O-15b
Di-*n*-butylphthalate	Tables O-16a, O-16b	Tables O-16a, O-16b
p,p'-DDE	Tables O-17a, O-17b	Tables O-17a, O-17b
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables O-18a, O-18b	Tables O-18c, O-18d
Indeno[1,2,3-*cd*]pyrene	Tables O-19a, O-19b	Tables O-19a, O-19b
Pentachlorophenol	Tables O-20a, O-20b	Tables O-20c, O-20d
cis-Permethrin	Tables O-21a, O-21b	Tables O-21a, O-21b
trans-Permethrin	Tables O-22a, O-22b	Tables O-22a, O-22b
PCB 52	Tables O-23a, O-23b	Tables O-23a, O-23b
PCB 95	Tables O-24a, O-24b	Tables O-24a, O-24b
PCB 101	Tables O-25a, O-25b	Tables O-25a, O-25b
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables O-26a, O-26b	Tables O-26c, O-26d

Descriptive statistics are presented separately for the following groups of OH adult participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Caregivers of stay-at-home children
- Caregivers of day care children

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Table O-1a. Benz[*a*]anthracene (56-55-3): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	109	39.4	--	--	--	--
	Urban	93	45.2	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	51.5	1.88	2.62	1.20	0.815
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	49	42.9	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	39.1	91.9	13.9	1.28
	Urban	102	100.0	43.1	97.6	16.5	1.21
	Rural	17	100.0	15.0	38.1	4.95	1.23
	Low Income	38	100.0	25.7	41.5	12.9	1.13
	Mid/High Income	68	100.0	51.3	116	15.1	1.43
	Home Children	62	100.0	32.2	64.8	11.8	1.31
	Day Care Children	57	100.0	46.6	114	16.6	1.24
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	109	39.4	--	--	--	--
	Urban	93	45.2	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	51.5	8.24	11.5	5.26	0.815
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	49	42.9	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	171	402	60.9	1.28
	Urban	102	100.0	189	427	72.3	1.21
	Rural	17	100.0	65.7	167	21.7	1.23
	Low Income	38	100.0	113	182	56.7	1.13
	Mid/High Income	68	100.0	225	510	66.1	1.43
	Home Children	62	100.0	141	284	51.7	1.31
	Day Care Children	57	100.0	204	501	72.7	1.24
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	109	39.4	--	--	--	--
	Urban	93	45.2	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	51.5	0.014	0.020	0.008	0.903
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	49	42.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.274	0.667	0.095	1.30
	Urban	102	100.0	0.304	0.711	0.113	1.24
	Rural	17	100.0	0.094	0.232	0.033	1.20
	Low Income	38	100.0	0.169	0.273	0.086	1.12
	Mid/High Income	68	100.0	0.367	0.849	0.105	1.46
	Home Children	62	100.0	0.247	0.539	0.083	1.35
	Day Care Children	57	100.0	0.304	0.787	0.109	1.24
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	109	39.4	--	--	--	--
	Urban	93	45.2	--	--	--	--
	Rural	16	6.3	--	--	--	--
	Low Income	33	51.5	0.060	0.089	0.035	0.903
	Mid/High Income	65	36.9	--	--	--	--
	Home Children	60	36.7	--	--	--	--
	Day Care Children	49	42.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.20	2.92	0.415	1.30
	Urban	102	100.0	1.33	3.11	0.494	1.24
	Rural	17	100.0	0.410	1.02	0.145	1.20
	Low Income	38	100.0	0.741	1.19	0.376	1.12
	Mid/High Income	68	100.0	1.61	3.72	0.459	1.46
	Home Children	62	100.0	1.08	2.36	0.363	1.35
	Day Care Children	57	100.0	1.33	3.45	0.479	1.24

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-1b. Benz[*a*]anthracene (56-55-3): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	109	<MDL	<MDL	<MDL	1.08	4.29	13.8
	Urban	93	<MDL	<MDL	<MDL	1.26	4.72	13.8
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.967	0.967
	Low Income	33	<MDL	<MDL	0.719	1.67	6.12	13.8
	Mid/High Income	65	<MDL	<MDL	<MDL	1.07	2.45	4.72
	Home Children	60	<MDL	<MDL	<MDL	0.980	2.84	6.12
	Day Care Children	49	<MDL	<MDL	<MDL	1.34	4.89	13.8
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.13	5.22	12.9	26.3	217	689
	Urban	102	1.13	6.97	14.0	29.1	217	689
	Rural	17	1.15	2.01	4.09	6.19	161	161
	Low Income	38	1.37	5.22	10.8	31.1	89.9	235
	Mid/High Income	68	1.13	5.07	12.9	26.5	322	689
	Home Children	62	1.13	5.03	11.4	20.8	136	324
	Day Care Children	57	2.19	6.19	17.7	29.9	235	689
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	109	<MDL	<MDL	<MDL	4.72	18.8	60.6
	Urban	93	<MDL	<MDL	<MDL	5.53	20.7	60.6
	Rural	16	<MDL	<MDL	<MDL	<MDL	4.24	4.24
	Low Income	33	<MDL	<MDL	3.15	7.34	26.8	60.6
	Mid/High Income	65	<MDL	<MDL	<MDL	4.70	10.7	20.7
	Home Children	60	<MDL	<MDL	<MDL	4.29	12.4	26.8
	Day Care Children	49	<MDL	<MDL	<MDL	5.86	21.4	60.6
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	4.96	22.9	56.3	115	951	3,020
	Urban	102	4.96	30.5	61.5	128	951	3,020
	Rural	17	5.04	8.82	17.9	27.1	705	705
	Low Income	38	6.00	22.9	47.1	136	394	1,030
	Mid/High Income	68	4.96	22.2	56.5	116	1,410	3,020
	Home Children	62	4.96	22.0	49.9	91.3	594	1,420
	Day Care Children	57	9.59	27.1	77.4	131	1,030	3,020
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	109	<MDL	<MDL	<MDL	0.008	0.030	0.106
	Urban	93	<MDL	<MDL	<MDL	0.009	0.032	0.106
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.006	0.006
	Low Income	33	<MDL	<MDL	0.006	0.010	0.048	0.106
	Mid/High Income	65	<MDL	<MDL	<MDL	0.008	0.017	0.032
	Home Children	60	<MDL	<MDL	<MDL	0.007	0.019	0.048
	Day Care Children	49	<MDL	<MDL	<MDL	0.011	0.040	0.106
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.006	0.033	0.092	0.189	1.52	5.42
	Urban	102	0.006	0.050	0.097	0.199	1.52	5.42
	Rural	17	0.009	0.015	0.027	0.055	0.984	0.984
	Low Income	38	0.010	0.045	0.079	0.177	0.651	1.52
	Mid/High Income	68	0.006	0.032	0.092	0.206	2.33	5.42
	Home Children	62	0.006	0.032	0.086	0.147	1.03	2.90
	Day Care Children	57	0.012	0.050	0.095	0.202	1.52	5.42
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	109	<MDL	<MDL	<MDL	0.035	0.131	0.463
	Urban	93	<MDL	<MDL	<MDL	0.039	0.140	0.463
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.028	0.028
	Low Income	33	<MDL	<MDL	0.028	0.046	0.211	0.463
	Mid/High Income	65	<MDL	<MDL	<MDL	0.033	0.074	0.140
	Home Children	60	<MDL	<MDL	<MDL	0.031	0.085	0.211
	Day Care Children	49	<MDL	<MDL	<MDL	0.048	0.175	0.463
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.028	0.143	0.401	0.829	6.66	23.7
	Urban	102	0.028	0.220	0.425	0.871	6.66	23.7
	Rural	17	0.038	0.064	0.118	0.239	4.31	4.31
	Low Income	38	0.042	0.196	0.346	0.777	2.85	6.66
	Mid/High Income	68	0.028	0.142	0.402	0.903	10.2	23.7
	Home Children	62	0.028	0.140	0.375	0.645	4.49	12.7
	Day Care Children	57	0.053	0.219	0.416	0.887	6.66	23.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-2a. Benzo[*b*]fluoranthene (205-99-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	45.6	--	--	--	--
	Urban	108	48.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	56.4	2.45	4.91	1.25	0.920
	Mid/High Income	73	42.5	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	55.4	1.84	3.83	1.12	0.753
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	91.4	216	34.9	1.23
	Urban	102	100.0	101	230	41.0	1.17
	Rural	17	100.0	34.2	75.3	13.5	1.18
	Low Income	38	100.0	62.9	108	31.2	1.11
	Mid/High Income	68	100.0	117	271	38.3	1.34
	Home Children	62	100.0	72.7	136	30.9	1.22
	Day Care Children	57	100.0	112	278	39.9	1.23
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	45.6	--	--	--	--
	Urban	108	48.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	56.4	9.71	19.4	4.97	0.920
	Mid/High Income	73	42.5	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	55.4	7.28	15.2	4.43	0.753
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	362	855	138	1.23
	Urban	102	100.0	400	911	162	1.17
	Rural	17	100.0	136	299	53.4	1.18
	Low Income	38	100.0	249	429	124	1.11
	Mid/High Income	68	100.0	465	1,080	152	1.34
	Home Children	62	100.0	288	538	123	1.22
	Day Care Children	57	100.0	443	1,100	158	1.23
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	45.6	--	--	--	--
	Urban	108	48.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	56.4	0.018	0.038	0.008	1.01
	Mid/High Income	73	42.5	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	55.4	0.013	0.030	0.007	0.839
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.641	1.57	0.238	1.25
	Urban	102	100.0	0.712	1.67	0.280	1.19
	Rural	17	100.0	0.215	0.459	0.090	1.16
	Low Income	38	100.0	0.418	0.717	0.207	1.11
	Mid/High Income	68	100.0	0.837	1.99	0.266	1.37
	Home Children	62	100.0	0.553	1.12	0.217	1.27
	Day Care Children	57	100.0	0.737	1.95	0.263	1.23
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	45.6	--	--	--	--
	Urban	108	48.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	56.4	0.073	0.152	0.033	1.01
	Mid/High Income	73	42.5	--	--	--	--
	Home Children	69	37.7	--	--	--	--
	Day Care Children	56	55.4	0.053	0.119	0.029	0.839
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	2.54	6.21	0.943	1.25
	Urban	102	100.0	2.82	6.64	1.11	1.19
	Rural	17	100.0	0.853	1.82	0.356	1.16
	Low Income	38	100.0	1.66	2.84	0.819	1.11
	Mid/High Income	68	100.0	3.32	7.87	1.05	1.37
	Home Children	62	100.0	2.19	4.44	0.861	1.27
	Day Care Children	57	100.0	2.92	7.72	1.04	1.23

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-2b. Benzo[*b*]fluoranthene (205-99-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	1.14	3.63	28.2
	Urban	108	<MDL	<MDL	<MDL	1.25	5.13	28.2
	Rural	17	<MDL	<MDL	<MDL	0.967	3.46	3.46
	Low Income	39	<MDL	<MDL	0.719	1.87	13.7	28.2
	Mid/High Income	73	<MDL	<MDL	<MDL	1.12	3.45	6.02
	Home Children	69	<MDL	<MDL	<MDL	0.977	3.46	13.7
	Day Care Children	56	<MDL	<MDL	0.734	1.40	6.55	28.2
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	3.05	15.4	34.4	57.2	555	1,730
	Urban	102	3.49	18.6	39.6	70.9	555	1,730
	Rural	17	3.05	6.15	9.64	19.1	320	320
	Low Income	38	4.29	15.9	26.3	57.2	252	626
	Mid/High Income	68	3.05	16.0	39.2	60.5	575	1,730
	Home Children	62	3.05	14.0	31.9	50.3	283	724
	Day Care Children	57	4.80	16.1	41.4	60.8	626	1,730
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	4.50	14.4	112
	Urban	108	<MDL	<MDL	<MDL	4.96	20.4	112
	Rural	17	<MDL	<MDL	<MDL	3.83	13.7	13.7
	Low Income	39	<MDL	<MDL	2.85	7.42	54.4	112
	Mid/High Income	73	<MDL	<MDL	<MDL	4.45	13.7	23.9
	Home Children	69	<MDL	<MDL	<MDL	3.87	13.7	54.4
	Day Care Children	56	<MDL	<MDL	2.91	5.56	26.0	112
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	12.1	61.2	136	227	2,200	6,840
	Urban	102	13.8	73.6	157	281	2,200	6,840
	Rural	17	12.1	24.4	38.2	75.7	1,270	1,270
	Low Income	38	17.0	63.1	104	227	998	2,480
	Mid/High Income	68	12.1	63.5	156	240	2,280	6,840
	Home Children	62	12.1	55.6	126	199	1,120	2,870
	Day Care Children	57	19.0	63.7	164	241	2,480	6,840
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.008	0.026	0.216
	Urban	108	<MDL	<MDL	<MDL	0.008	0.035	0.216
	Rural	17	<MDL	<MDL	<MDL	0.006	0.026	0.026
	Low Income	39	<MDL	<MDL	0.006	0.013	0.108	0.216
	Mid/High Income	73	<MDL	<MDL	<MDL	0.008	0.023	0.041
	Home Children	69	<MDL	<MDL	<MDL	0.008	0.026	0.108
	Day Care Children	56	<MDL	<MDL	0.006	0.008	0.057	0.216
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.020	0.093	0.232	0.433	4.05	13.6
	Urban	102	0.020	0.132	0.261	0.492	4.05	13.6
	Rural	17	0.021	0.045	0.072	0.168	1.96	1.96
	Low Income	38	0.021	0.103	0.154	0.427	1.82	4.05
	Mid/High Income	68	0.020	0.099	0.245	0.509	5.15	13.6
	Home Children	62	0.020	0.089	0.230	0.373	2.00	5.50
	Day Care Children	57	0.026	0.107	0.252	0.485	4.05	13.6
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.032	0.102	0.855
	Urban	108	<MDL	<MDL	<MDL	0.032	0.138	0.855
	Rural	17	<MDL	<MDL	<MDL	0.025	0.102	0.102
	Low Income	39	<MDL	<MDL	0.025	0.051	0.428	0.855
	Mid/High Income	73	<MDL	<MDL	<MDL	0.032	0.090	0.162
	Home Children	69	<MDL	<MDL	<MDL	0.032	0.102	0.428
	Day Care Children	56	<MDL	<MDL	0.024	0.032	0.225	0.855
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.078	0.367	0.921	1.72	16.1	53.8
	Urban	102	0.078	0.521	1.04	1.95	16.1	53.8
	Rural	17	0.084	0.179	0.287	0.667	7.76	7.76
	Low Income	38	0.084	0.408	0.609	1.69	7.23	16.1
	Mid/High Income	68	0.078	0.394	0.970	2.02	20.4	53.8
	Home Children	62	0.078	0.351	0.910	1.48	7.91	21.8
	Day Care Children	57	0.105	0.424	0.999	1.92	16.1	53.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-3a. Benzo[*k*]fluoranthene (207-08-9): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	35.2	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	32.9	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	32.5	74.8	12.4	1.24
	Urban	102	100.0	35.7	79.6	14.5	1.17
	Rural	17	100.0	12.8	27.6	4.89	1.24
	Low Income	38	100.0	21.9	37.3	11.1	1.10
	Mid/High Income	68	100.0	41.8	94.1	13.5	1.37
	Home Children	62	100.0	26.8	51.9	11.1	1.24
	Day Care Children	57	100.0	38.6	93.6	14.0	1.24
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	35.2	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	32.9	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	129	296	49.2	1.24
	Urban	102	100.0	142	315	57.5	1.17
	Rural	17	100.0	50.7	109	19.4	1.24
	Low Income	38	100.0	86.6	148	44.0	1.10
	Mid/High Income	68	100.0	166	373	53.6	1.37
	Home Children	62	100.0	106	206	44.2	1.24
	Day Care Children	57	100.0	153	371	55.3	1.24
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	32.9	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.229	0.547	0.085	1.26
	Urban	102	100.0	0.254	0.584	0.099	1.21
	Rural	17	100.0	0.080	0.168	0.033	1.21
	Low Income	38	100.0	0.145	0.246	0.074	1.10
	Mid/High Income	68	100.0	0.301	0.693	0.094	1.40
	Home Children	62	100.0	0.205	0.434	0.078	1.28
	Day Care Children	57	100.0	0.254	0.651	0.092	1.25
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	32.9	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	0.907	2.17	0.335	1.26
	Urban	102	100.0	1.01	2.31	0.393	1.21
	Rural	17	100.0	0.318	0.666	0.129	1.21
	Low Income	38	100.0	0.575	0.977	0.292	1.10
	Mid/High Income	68	100.0	1.19	2.75	0.372	1.40
	Home Children	62	100.0	0.814	1.72	0.310	1.28
	Day Care Children	57	100.0	1.01	2.58	0.364	1.25

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-3b. Benzo[*k*]fluoranthene (207-08-9): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.907	1.85	5.30
	Urban	108	<MDL	<MDL	<MDL	0.926	1.85	5.30
	Rural	17	<MDL	<MDL	<MDL	0.819	2.43	2.43
	Low Income	39	<MDL	<MDL	<MDL	0.961	2.85	5.30
	Mid/High Income	73	<MDL	<MDL	<MDL	0.852	1.85	2.75
	Home Children	69	<MDL	<MDL	<MDL	0.819	1.90	2.85
	Day Care Children	56	<MDL	<MDL	<MDL	0.965	1.60	5.30
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.000	5.59	12.6	21.6	204	571
	Urban	102	1.13	6.72	14.2	25.7	204	571
	Rural	17	1.000	2.27	4.21	6.47	117	117
	Low Income	38	1.25	6.52	9.58	20.4	83.3	217
	Mid/High Income	68	1.000	5.12	15.4	22.6	250	571
	Home Children	62	1.000	5.96	9.66	17.0	103	263
	Day Care Children	57	1.74	5.59	14.4	21.7	217	571
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.60	7.33	21.0
	Urban	108	<MDL	<MDL	<MDL	3.67	7.33	21.0
	Rural	17	<MDL	<MDL	<MDL	3.25	9.62	9.62
	Low Income	39	<MDL	<MDL	<MDL	3.81	11.3	21.0
	Mid/High Income	73	<MDL	<MDL	<MDL	3.38	7.33	10.9
	Home Children	69	<MDL	<MDL	<MDL	3.25	7.54	11.3
	Day Care Children	56	<MDL	<MDL	<MDL	3.82	6.36	21.0
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	3.96	22.2	50.0	85.8	809	2,260
	Urban	102	4.46	26.7	56.5	102	809	2,260
	Rural	17	3.96	9.00	16.7	25.6	464	464
	Low Income	38	4.97	25.8	38.0	80.8	330	861
	Mid/High Income	68	3.96	20.3	61.0	89.6	990	2,260
	Home Children	62	3.96	23.6	38.3	67.2	406	1,040
	Day Care Children	57	6.91	22.2	57.2	86.0	861	2,260
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.006	0.015	0.041
	Urban	108	<MDL	<MDL	<MDL	0.007	0.015	0.041
	Rural	17	<MDL	<MDL	<MDL	0.006	0.016	0.016
	Low Income	39	<MDL	<MDL	<MDL	0.007	0.022	0.041
	Mid/High Income	73	<MDL	<MDL	<MDL	0.006	0.013	0.019
	Home Children	69	<MDL	<MDL	<MDL	0.006	0.016	0.022
	Day Care Children	56	<MDL	<MDL	<MDL	0.007	0.015	0.041
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.006	0.035	0.075	0.160	1.41	4.50
	Urban	102	0.006	0.051	0.089	0.173	1.41	4.50
	Rural	17	0.006	0.015	0.030	0.054	0.716	0.716
	Low Income	38	0.006	0.040	0.059	0.136	0.603	1.41
	Mid/High Income	68	0.006	0.033	0.079	0.185	1.82	4.50
	Home Children	62	0.006	0.035	0.071	0.140	0.724	2.24
	Day Care Children	57	0.010	0.038	0.087	0.173	1.41	4.50
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.026	0.059	0.161
	Urban	108	<MDL	<MDL	<MDL	0.026	0.059	0.161
	Rural	17	<MDL	<MDL	<MDL	0.024	0.062	0.062
	Low Income	39	<MDL	<MDL	<MDL	0.029	0.089	0.161
	Mid/High Income	73	<MDL	<MDL	<MDL	0.026	0.051	0.074
	Home Children	69	<MDL	<MDL	<MDL	0.026	0.062	0.089
	Day Care Children	56	<MDL	<MDL	<MDL	0.026	0.059	0.161
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.025	0.139	0.299	0.635	5.58	17.8
	Urban	102	0.025	0.200	0.351	0.686	5.58	17.8
	Rural	17	0.025	0.061	0.120	0.216	2.84	2.84
	Low Income	38	0.025	0.160	0.234	0.538	2.39	5.58
	Mid/High Income	68	0.025	0.129	0.315	0.733	7.22	17.8
	Home Children	62	0.025	0.137	0.283	0.556	2.87	8.87
	Day Care Children	57	0.041	0.152	0.346	0.686	5.58	17.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-4a. Benzo[*ghi*]perylene (191-24-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	1.51	1.55	1.15	0.647
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	46.7	105	18.5	1.21
	Urban	102	100.0	51.2	112	21.4	1.17
	Rural	17	100.0	19.7	43.1	7.83	1.18
	Low Income	38	100.0	31.7	50.1	16.1	1.11
	Mid/High Income	68	100.0	59.9	133	20.5	1.33
	Home Children	62	100.0	38.3	73.4	16.5	1.20
	Day Care Children	57	100.0	55.8	131	21.0	1.23
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	5.46	5.62	4.15	0.647
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	169	380	67.0	1.21
	Urban	102	100.0	185	404	77.4	1.17
	Rural	17	100.0	71.2	156	28.3	1.18
	Low Income	38	100.0	115	181	58.4	1.11
	Mid/High Income	68	100.0	217	480	74.1	1.33
	Home Children	62	100.0	139	266	59.7	1.20
	Day Care Children	57	100.0	202	475	76.0	1.23
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	0.011	0.013	0.008	0.741
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.330	0.781	0.126	1.24
	Urban	102	100.0	0.364	0.833	0.146	1.20
	Rural	17	100.0	0.124	0.262	0.052	1.15
	Low Income	38	100.0	0.212	0.335	0.107	1.11
	Mid/High Income	68	100.0	0.432	0.993	0.142	1.36
	Home Children	62	100.0	0.293	0.617	0.116	1.24
	Day Care Children	57	100.0	0.370	0.932	0.138	1.24
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	53.8	0.040	0.046	0.028	0.741
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.19	2.83	0.457	1.24
	Urban	102	100.0	1.32	3.01	0.529	1.20
	Rural	17	100.0	0.448	0.950	0.189	1.15
	Low Income	38	100.0	0.767	1.21	0.387	1.11
	Mid/High Income	68	100.0	1.56	3.59	0.514	1.36
	Home Children	62	100.0	1.06	2.23	0.420	1.24
	Day Care Children	57	100.0	1.34	3.37	0.500	1.24

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-4b. Benzo[*ghi*]perylene (191-24-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	1.30	2.42	7.44
	Urban	108	<MDL	<MDL	<MDL	1.30	2.51	7.44
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.87	1.87
	Low Income	39	<MDL	<MDL	0.874	1.47	6.88	7.44
	Mid/High Income	73	<MDL	<MDL	<MDL	1.18	1.90	2.42
	Home Children	69	<MDL	<MDL	<MDL	1.19	1.91	6.88
	Day Care Children	56	<MDL	<MDL	<MDL	1.37	3.64	7.44
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.72	7.67	18.2	32.5	245	834
	Urban	102	1.72	9.57	19.9	36.4	245	834
	Rural	17	2.17	3.54	6.36	11.2	183	183
	Low Income	38	2.19	7.13	13.8	34.2	136	277
	Mid/High Income	68	1.72	8.60	20.3	35.4	358	834
	Home Children	62	1.87	7.40	16.0	25.5	132	398
	Day Care Children	57	1.72	8.21	20.9	36.4	277	834
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	4.70	8.77	26.9
	Urban	108	<MDL	<MDL	<MDL	4.69	9.09	26.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	6.77	6.77
	Low Income	39	<MDL	<MDL	3.16	5.31	24.9	26.9
	Mid/High Income	73	<MDL	<MDL	<MDL	4.27	6.88	8.77
	Home Children	69	<MDL	<MDL	<MDL	4.30	6.91	24.9
	Day Care Children	56	<MDL	<MDL	<MDL	4.95	13.2	26.9
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	6.23	27.7	65.8	117	886	3,020
	Urban	102	6.23	34.6	72.1	132	886	3,020
	Rural	17	7.84	12.8	23.0	40.4	663	663
	Low Income	38	7.94	25.8	49.8	124	494	1,000
	Mid/High Income	68	6.23	31.1	73.4	128	1,300	3,020
	Home Children	62	6.77	26.8	57.7	92.1	478	1,440
	Day Care Children	57	6.23	29.7	75.5	132	1,000	3,020
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.008	0.016	0.057
	Urban	108	<MDL	<MDL	<MDL	0.008	0.017	0.057
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.012	0.012
	Low Income	39	<MDL	<MDL	0.007	0.009	0.054	0.057
	Mid/High Income	73	<MDL	<MDL	<MDL	0.008	0.012	0.019
	Home Children	69	<MDL	<MDL	<MDL	0.008	0.013	0.054
	Day Care Children	56	<MDL	<MDL	<MDL	0.009	0.034	0.057
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.009	0.054	0.112	0.229	1.79	6.56
	Urban	102	0.009	0.061	0.144	0.278	1.79	6.56
	Rural	17	0.014	0.024	0.044	0.098	1.12	1.12
	Low Income	38	0.014	0.049	0.082	0.203	0.988	1.79
	Mid/High Income	68	0.009	0.055	0.118	0.284	2.36	6.56
	Home Children	62	0.011	0.045	0.103	0.198	0.968	3.56
	Day Care Children	57	0.009	0.056	0.128	0.278	1.79	6.56
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.030	0.060	0.206
	Urban	108	<MDL	<MDL	<MDL	0.030	0.060	0.206
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.044	0.044
	Low Income	39	<MDL	<MDL	0.026	0.034	0.196	0.206
	Mid/High Income	73	<MDL	<MDL	<MDL	0.029	0.045	0.069
	Home Children	69	<MDL	<MDL	<MDL	0.029	0.047	0.196
	Day Care Children	56	<MDL	<MDL	<MDL	0.032	0.123	0.206
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.034	0.195	0.405	0.827	6.49	23.7
	Urban	102	0.034	0.221	0.520	1.00	6.49	23.7
	Rural	17	0.049	0.088	0.160	0.356	4.05	4.05
	Low Income	38	0.049	0.178	0.296	0.733	3.58	6.49
	Mid/High Income	68	0.034	0.199	0.425	1.03	8.54	23.7
	Home Children	62	0.038	0.164	0.372	0.717	3.50	12.9
	Day Care Children	57	0.034	0.204	0.462	1.00	6.49	23.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-5a. Benzo[*a*]pyrene (50-32-8): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	30.4	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	53.2	128	19.0	1.27
	Urban	102	100.0	58.5	137	22.2	1.22
	Rural	17	100.0	21.7	51.2	7.65	1.24
	Low Income	38	100.0	34.4	56.9	16.6	1.16
	Mid/High Income	68	100.0	69.9	163	21.1	1.40
	Home Children	62	100.0	43.2	86.6	16.7	1.27
	Day Care Children	57	100.0	64.1	162	22.0	1.26
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	30.4	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	211	509	75.5	1.27
	Urban	102	100.0	232	542	87.9	1.22
	Rural	17	100.0	86.1	203	30.3	1.24
	Low Income	38	100.0	136	226	65.9	1.16
	Mid/High Income	68	100.0	277	646	83.6	1.40
	Home Children	62	100.0	171	343	66.0	1.27
	Day Care Children	57	100.0	254	644	87.4	1.26
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	30.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.376	0.945	0.130	1.29
	Urban	102	100.0	0.415	1.01	0.152	1.25
	Rural	17	100.0	0.136	0.312	0.051	1.20
	Low Income	38	100.0	0.228	0.376	0.110	1.15
	Mid/High Income	68	100.0	0.502	1.21	0.147	1.43
	Home Children	62	100.0	0.332	0.724	0.117	1.32
	Day Care Children	57	100.0	0.423	1.14	0.145	1.27
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	23.2	--	--	--	--
	Day Care Children	56	30.4	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.49	3.74	0.514	1.29
	Urban	102	100.0	1.65	3.99	0.601	1.25
	Rural	17	100.0	0.538	1.24	0.202	1.20
	Low Income	38	100.0	0.903	1.49	0.437	1.15
	Mid/High Income	68	100.0	1.99	4.78	0.581	1.43
	Home Children	62	100.0	1.32	2.87	0.464	1.32
	Day Care Children	57	100.0	1.68	4.53	0.575	1.27

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-5b. Benzo[*a*]pyrene (50-32-8): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.907	2.80	17.4
	Urban	108	<MDL	<MDL	<MDL	0.926	4.01	17.4
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.12	1.12
	Low Income	39	<MDL	<MDL	<MDL	1.07	10.0	17.4
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	1.91	4.61
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.80	10.0
	Day Care Children	56	<MDL	<MDL	<MDL	0.967	5.75	17.4
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.80	7.44	17.1	35.5	323	1,020
	Urban	102	1.80	9.42	21.5	36.7	323	1,020
	Rural	17	2.02	2.97	6.20	10.5	217	217
	Low Income	38	2.02	6.91	13.8	36.7	126	323
	Mid/High Income	68	1.80	7.67	21.5	35.6	422	1,020
	Home Children	62	1.80	6.91	14.7	28.9	162	431
	Day Care Children	57	2.49	8.87	23.4	36.7	323	1,020
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.60	11.1	68.9
	Urban	108	<MDL	<MDL	<MDL	3.67	15.9	68.9
	Rural	17	<MDL	<MDL	<MDL	<MDL	4.45	4.45
	Low Income	39	<MDL	<MDL	<MDL	4.25	39.7	68.9
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	7.58	18.3
	Home Children	69	<MDL	<MDL	<MDL	<MDL	7.14	39.7
	Day Care Children	56	<MDL	<MDL	<MDL	3.83	22.8	68.9
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	7.14	29.5	67.7	141	1,280	4,040
	Urban	102	7.14	37.3	85.3	146	1,280	4,040
	Rural	17	8.00	11.8	24.6	41.6	859	859
	Low Income	38	8.00	27.4	54.7	146	500	1,280
	Mid/High Income	68	7.14	30.4	85.3	141	1,670	4,040
	Home Children	62	7.14	27.4	58.3	114	644	1,710
	Day Care Children	57	9.87	35.1	92.7	146	1,280	4,040
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.007	0.021	0.133
	Urban	108	<MDL	<MDL	<MDL	0.007	0.027	0.133
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.007	0.007
	Low Income	39	<MDL	<MDL	<MDL	0.007	0.079	0.133
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	0.012	0.031
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.011	0.079
	Day Care Children	56	<MDL	<MDL	<MDL	0.007	0.050	0.133
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.010	0.051	0.118	0.239	2.09	8.02
	Urban	102	0.010	0.066	0.140	0.270	2.09	8.02
	Rural	17	0.012	0.022	0.039	0.093	1.33	1.33
	Low Income	38	0.012	0.052	0.088	0.229	0.915	2.09
	Mid/High Income	68	0.010	0.048	0.121	0.288	3.04	8.02
	Home Children	62	0.010	0.042	0.111	0.210	1.16	3.78
	Day Care Children	57	0.014	0.057	0.143	0.270	2.09	8.02
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.026	0.081	0.527
	Urban	108	<MDL	<MDL	<MDL	0.026	0.107	0.527
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.028	0.028
	Low Income	39	<MDL	<MDL	<MDL	0.029	0.313	0.527
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	0.046	0.124
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.042	0.313
	Day Care Children	56	<MDL	<MDL	<MDL	0.027	0.197	0.527
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.040	0.202	0.467	0.949	8.30	31.8
	Urban	102	0.040	0.260	0.555	1.07	8.30	31.8
	Rural	17	0.049	0.087	0.156	0.367	5.26	5.26
	Low Income	38	0.049	0.205	0.347	0.908	3.63	8.30
	Mid/High Income	68	0.040	0.189	0.480	1.14	12.1	31.8
	Home Children	62	0.040	0.167	0.440	0.832	4.61	15.0
	Day Care Children	57	0.054	0.228	0.567	1.07	8.30	31.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-6a. Benzo[*e*]pyrene (192-97-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	48.9	113	19.0	1.21
	Urban	102	100.0	53.8	120	22.1	1.16
	Rural	17	100.0	19.2	42.3	7.77	1.14
	Low Income	38	100.0	33.0	56.0	16.8	1.08
	Mid/High Income	68	100.0	62.9	143	20.9	1.33
	Home Children	62	100.0	39.9	76.3	17.0	1.20
	Day Care Children	57	100.0	58.7	143	21.5	1.22
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	194	449	75.5	1.21
	Urban	102	100.0	213	477	87.6	1.16
	Rural	17	100.0	76.1	168	30.8	1.14
	Low Income	38	100.0	131	222	66.4	1.08
	Mid/High Income	68	100.0	249	565	83.0	1.33
	Home Children	62	100.0	158	303	67.5	1.20
	Day Care Children	57	100.0	233	567	85.2	1.22
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.345	0.835	0.130	1.23
	Urban	102	100.0	0.382	0.891	0.151	1.19
	Rural	17	100.0	0.121	0.258	0.052	1.11
	Low Income	38	100.0	0.220	0.371	0.111	1.08
	Mid/High Income	68	100.0	0.453	1.06	0.145	1.37
	Home Children	62	100.0	0.305	0.636	0.120	1.24
	Day Care Children	57	100.0	0.389	1.01	0.142	1.23
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	35.2	--	--	--	--
	Urban	108	39.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	48.7	--	--	--	--
	Mid/High Income	73	30.1	--	--	--	--
	Home Children	69	30.4	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.37	3.31	0.514	1.23
	Urban	102	100.0	1.52	3.53	0.599	1.19
	Rural	17	100.0	0.478	1.02	0.205	1.11
	Low Income	38	100.0	0.870	1.47	0.440	1.08
	Mid/High Income	68	100.0	1.79	4.20	0.576	1.37
	Home Children	62	100.0	1.21	2.52	0.474	1.24
	Day Care Children	57	100.0	1.54	4.01	0.561	1.23

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-6b. Benzo[*e*]pyrene (192-97-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	0.966	2.41	8.66
	Urban	108	<MDL	<MDL	<MDL	0.966	2.91	8.66
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.21	1.21
	Low Income	39	<MDL	<MDL	<MDL	1.22	5.79	8.66
	Mid/High Income	73	<MDL	<MDL	<MDL	0.817	1.80	3.19
	Home Children	69	<MDL	<MDL	<MDL	0.848	1.80	5.79
	Day Care Children	56	<MDL	<MDL	<MDL	1.05	3.49	8.66
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.72	8.02	19.3	32.7	284	902
	Urban	102	1.72	10.4	20.9	36.4	284	902
	Rural	17	2.05	3.89	5.44	10.6	180	180
	Low Income	38	2.05	7.95	13.2	32.7	131	323
	Mid/High Income	68	1.72	8.54	20.8	33.7	372	902
	Home Children	62	1.72	8.04	15.6	29.8	156	392
	Day Care Children	57	2.78	8.02	22.0	34.3	323	902
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	3.83	9.57	34.3
	Urban	108	<MDL	<MDL	<MDL	3.83	11.5	34.3
	Rural	17	<MDL	<MDL	<MDL	<MDL	4.79	4.79
	Low Income	39	<MDL	<MDL	<MDL	4.84	22.9	34.3
	Mid/High Income	73	<MDL	<MDL	<MDL	3.24	7.14	12.6
	Home Children	69	<MDL	<MDL	<MDL	3.36	7.14	22.9
	Day Care Children	56	<MDL	<MDL	<MDL	4.18	13.8	34.3
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	6.83	31.8	76.5	130	1,130	3,580
	Urban	102	6.83	41.3	83.0	144	1,130	3,580
	Rural	17	8.14	15.4	21.6	42.1	713	713
	Low Income	38	8.14	31.5	52.3	130	519	1,280
	Mid/High Income	68	6.83	33.9	82.3	134	1,470	3,580
	Home Children	62	6.83	31.9	62.0	118	618	1,550
	Day Care Children	57	11.0	31.8	87.4	136	1,280	3,580
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.007	0.019	0.066
	Urban	108	<MDL	<MDL	<MDL	0.007	0.020	0.066
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.008	0.008
	Low Income	39	<MDL	<MDL	<MDL	0.009	0.046	0.066
	Mid/High Income	73	<MDL	<MDL	<MDL	0.006	0.011	0.022
	Home Children	69	<MDL	<MDL	<MDL	0.007	0.011	0.046
	Day Care Children	56	<MDL	<MDL	<MDL	0.007	0.030	0.066
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.010	0.050	0.123	0.237	2.10	7.10
	Urban	102	0.010	0.070	0.138	0.268	2.10	7.10
	Rural	17	0.016	0.024	0.041	0.094	1.10	1.10
	Low Income	38	0.018	0.051	0.082	0.215	0.949	2.10
	Mid/High Income	68	0.010	0.053	0.132	0.282	2.59	7.10
	Home Children	62	0.010	0.049	0.118	0.209	1.10	3.33
	Day Care Children	57	0.015	0.062	0.135	0.268	2.10	7.10
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.026	0.075	0.262
	Urban	108	<MDL	<MDL	<MDL	0.029	0.078	0.262
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.031	0.031
	Low Income	39	<MDL	<MDL	<MDL	0.034	0.180	0.262
	Mid/High Income	73	<MDL	<MDL	<MDL	0.026	0.045	0.086
	Home Children	69	<MDL	<MDL	<MDL	0.026	0.042	0.180
	Day Care Children	56	<MDL	<MDL	<MDL	0.030	0.120	0.262
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.039	0.199	0.488	0.941	8.31	28.1
	Urban	102	0.039	0.276	0.548	1.06	8.31	28.1
	Rural	17	0.065	0.095	0.161	0.371	4.36	4.36
	Low Income	38	0.071	0.202	0.326	0.851	3.76	8.31
	Mid/High Income	68	0.039	0.209	0.525	1.12	10.3	28.1
	Home Children	62	0.039	0.195	0.468	0.828	4.36	13.2
	Day Care Children	57	0.061	0.244	0.535	1.06	8.31	28.1

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-7a. Benzylbutylphthalate (85-68-7): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	37.1	--	--	--	--
	Urban	107	35.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	50.0	552	469	441	0.616
	Mid/High Income	73	28.8	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	47.3	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	100.0	689	1,090	386	1.06
	Urban	102	100.0	690	1,150	377	1.07
	Rural	16	100.0	687	609	451	1.06
	Low Income	38	100.0	817	928	533	0.997
	Mid/High Income	68	100.0	655	1,250	332	1.10
	Home Children	62	100.0	531	582	330	0.992
	Day Care Children	56	100.0	865	1,450	460	1.12
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	37.1	--	--	--	--
	Urban	107	35.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	50.0	1,770	1,500	1,410	0.616
	Mid/High Income	73	28.8	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	47.3	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	100.0	2,210	3,490	1,240	1.06
	Urban	102	100.0	2,210	3,680	1,210	1.07
	Rural	16	100.0	2,200	1,950	1,440	1.06
	Low Income	38	100.0	2,620	2,970	1,710	0.997
	Mid/High Income	68	100.0	2,100	3,990	1,060	1.10
	Home Children	62	100.0	1,700	1,860	1,060	0.992
	Day Care Children	56	100.0	2,770	4,630	1,470	1.12
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	37.1	--	--	--	--
	Urban	107	35.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	50.0	3.73	2.93	2.97	0.653
	Mid/High Income	73	28.8	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	47.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	100.0	4.84	8.19	2.63	1.08
	Urban	102	100.0	4.91	8.71	2.58	1.09
	Rural	16	100.0	4.40	3.49	2.97	1.07
	Low Income	38	100.0	6.07	9.70	3.53	1.05
	Mid/High Income	68	100.0	4.47	7.90	2.30	1.11
	Home Children	62	100.0	3.67	3.99	2.32	0.982
	Day Care Children	56	100.0	6.13	11.0	3.01	1.18
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	37.1	--	--	--	--
	Urban	107	35.5	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	38	50.0	12.0	9.38	9.51	0.653
	Mid/High Income	73	28.8	--	--	--	--
	Home Children	69	29.0	--	--	--	--
	Day Care Children	55	47.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	100.0	15.5	26.2	8.41	1.08
	Urban	102	100.0	15.7	27.9	8.25	1.09
	Rural	16	100.0	14.1	11.2	9.50	1.07
	Low Income	38	100.0	19.4	31.1	11.3	1.05
	Mid/High Income	68	100.0	14.3	25.3	7.36	1.11
	Home Children	62	100.0	11.8	12.8	7.42	0.982
	Day Care Children	56	100.0	19.6	35.3	9.65	1.18

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-7b. Benzylbutylphthalate (85-68-7): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	<MDL	<MDL	501	1,290	2,550
	Urban	107	<MDL	<MDL	<MDL	434	1,300	2,550
	Rural	17	<MDL	<MDL	<MDL	605	1,120	1,120
	Low Income	38	<MDL	<MDL	<MDL	666	1,470	2,550
	Mid/High Income	73	<MDL	<MDL	<MDL	375	724	1,400
	Home Children	69	<MDL	<MDL	<MDL	389	1,150	1,470
	Day Care Children	55	<MDL	<MDL	<MDL	541	1,330	2,550
Potential Exposure via Indirect Ingestion (ng/day)	Overall	118	18.3	198	414	724	2,290	9,500
	Urban	102	18.3	192	390	677	2,290	9,500
	Rural	16	51.6	257	526	835	2,170	2,170
	Low Income	38	18.3	326	546	1,090	2,290	5,440
	Mid/High Income	68	27.7	167	339	567	2,310	9,500
	Home Children	62	34.6	164	361	553	1,920	2,540
	Day Care Children	56	18.3	257	436	900	2,890	9,500
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	<MDL	<MDL	1,600	4,130	8,150
	Urban	107	<MDL	<MDL	<MDL	1,390	4,170	8,150
	Rural	17	<MDL	<MDL	<MDL	1,940	3,570	3,570
	Low Income	38	<MDL	<MDL	<MDL	2,130	4,720	8,150
	Mid/High Income	73	<MDL	<MDL	<MDL	1,200	2,320	4,470
	Home Children	69	<MDL	<MDL	<MDL	1,240	3,670	4,720
	Day Care Children	55	<MDL	<MDL	<MDL	1,730	4,250	8,150
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	118	58.6	634	1,320	2,320	7,330	30,400
	Urban	102	58.6	615	1,250	2,170	7,330	30,400
	Rural	16	165	823	1,680	2,670	6,940	6,940
	Low Income	38	58.6	1,040	1,750	3,490	7,330	17,400
	Mid/High Income	68	88.7	536	1,090	1,810	7,390	30,400
	Home Children	62	111	524	1,160	1,770	6,150	8,120
	Day Care Children	56	58.6	824	1,400	2,880	9,250	30,400
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	<MDL	<MDL	3.45	8.15	14.6
	Urban	107	<MDL	<MDL	<MDL	3.11	8.62	14.6
	Rural	17	<MDL	<MDL	<MDL	4.60	6.88	6.88
	Low Income	38	<MDL	<MDL	<MDL	5.16	11.8	13.4
	Mid/High Income	73	<MDL	<MDL	<MDL	2.69	4.85	11.1
	Home Children	69	<MDL	<MDL	<MDL	2.80	7.90	11.8
	Day Care Children	55	<MDL	<MDL	<MDL	3.84	9.74	14.6
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	118	0.117	1.27	2.74	4.88	15.1	59.9
	Urban	102	0.117	1.24	2.66	4.57	15.1	59.9
	Rural	16	0.308	1.83	3.89	6.30	13.6	13.6
	Low Income	38	0.117	2.44	3.24	6.59	15.9	59.9
	Mid/High Income	68	0.153	1.20	2.26	3.95	15.1	59.1
	Home Children	62	0.219	1.22	2.60	3.69	13.6	18.3
	Day Care Children	56	0.117	1.78	3.10	5.76	16.8	59.9
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	<MDL	<MDL	11.0	26.1	46.7
	Urban	107	<MDL	<MDL	<MDL	9.95	27.6	46.7
	Rural	17	<MDL	<MDL	<MDL	14.7	22.0	22.0
	Low Income	38	<MDL	<MDL	<MDL	16.5	37.6	42.8
	Mid/High Income	73	<MDL	<MDL	<MDL	8.60	15.5	35.4
	Home Children	69	<MDL	<MDL	<MDL	8.96	25.3	37.6
	Day Care Children	55	<MDL	<MDL	<MDL	12.3	31.2	46.7
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	118	0.375	4.08	8.76	15.6	48.3	192
	Urban	102	0.375	3.97	8.50	14.6	48.3	192
	Rural	16	0.985	5.86	12.4	20.2	43.4	43.4
	Low Income	38	0.375	7.82	10.4	21.1	51.0	192
	Mid/High Income	68	0.488	3.85	7.25	12.6	48.3	189
	Home Children	62	0.702	3.91	8.31	11.8	43.4	58.6
	Day Care Children	56	0.375	5.70	9.93	18.4	53.6	192

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-8a. Bisphenol-A (80-05-7): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	101	72.3	17.6	19.7	13.3	0.635
	Urban	85	74.1	17.7	18.8	13.6	0.634
	Rural	16	62.5	16.8	24.5	11.9	0.649
	Low Income	32	81.3	26.0	30.9	16.8	0.841
	Mid/High Income	59	67.8	14.0	10.1	12.0	0.511
	Home Children	59	71.2	14.7	15.5	11.7	0.564
	Day Care Children	42	73.8	21.7	24.0	15.9	0.690
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	47.8	--	--	--	--
	Urban	99	46.5	--	--	--	--
	Rural	16	56.3	1.17	1.55	0.717	0.896
	Low Income	37	62.2	0.818	0.460	0.713	0.524
	Mid/High Income	66	40.9	--	--	--	--
	Home Children	60	55.0	1.30	1.75	0.897	0.758
	Day Care Children	55	40.0	--	--	--	--
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	101	72.3	77.0	86.3	58.3	0.635
	Urban	85	74.1	77.7	82.5	59.6	0.634
	Rural	16	62.5	73.5	107	52.2	0.649
	Low Income	32	81.3	114	135	73.8	0.841
	Mid/High Income	59	67.8	61.2	44.1	52.4	0.511
	Home Children	59	71.2	64.2	68.1	51.4	0.564
	Day Care Children	42	73.8	95.1	105	69.6	0.690
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	47.8	--	--	--	--
	Urban	99	46.5	--	--	--	--
	Rural	16	56.3	5.11	6.81	3.14	0.896
	Low Income	37	62.2	3.58	2.01	3.12	0.524
	Mid/High Income	66	40.9	--	--	--	--
	Home Children	60	55.0	5.71	7.68	3.93	0.758
	Day Care Children	55	40.0	--	--	--	--
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	101	72.3	0.122	0.140	0.090	0.671
	Urban	85	74.1	0.121	0.122	0.092	0.658
	Rural	16	62.5	0.126	0.218	0.080	0.748
	Low Income	32	81.3	0.184	0.220	0.114	0.923
	Mid/High Income	59	67.8	0.094	0.070	0.081	0.506
	Home Children	59	71.2	0.104	0.127	0.082	0.573
	Day Care Children	42	73.8	0.146	0.156	0.102	0.778
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	47.8	--	--	--	--
	Urban	99	46.5	--	--	--	--
	Rural	16	56.3	0.007	0.008	0.005	0.876
	Low Income	37	62.2	0.006	0.004	0.005	0.588
	Mid/High Income	66	40.9	--	--	--	--
	Home Children	60	55.0	0.009	0.011	0.006	0.758
	Day Care Children	55	40.0	--	--	--	--
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	101	72.3	0.533	0.615	0.394	0.671
	Urban	85	74.1	0.529	0.536	0.403	0.658
	Rural	16	62.5	0.552	0.953	0.349	0.748
	Low Income	32	81.3	0.806	0.962	0.499	0.923
	Mid/High Income	59	67.8	0.412	0.305	0.354	0.506
	Home Children	59	71.2	0.457	0.555	0.359	0.573
	Day Care Children	42	73.8	0.640	0.682	0.449	0.778
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	47.8	--	--	--	--
	Urban	99	46.5	--	--	--	--
	Rural	16	56.3	0.032	0.035	0.021	0.876
	Low Income	37	62.2	0.024	0.016	0.021	0.588
	Mid/High Income	66	40.9	--	--	--	--
	Home Children	60	55.0	0.040	0.050	0.028	0.758
	Day Care Children	55	40.0	--	--	--	--

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-8b. Bisphenol-A (80-05-7): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	101	<MDL	<MDL	11.2	16.6	63.6	125
	Urban	85	<MDL	<MDL	11.3	16.7	63.6	125
	Rural	16	<MDL	<MDL	10.8	12.4	108	108
	Low Income	32	<MDL	8.74	14.7	20.0	108	125
	Mid/High Income	59	<MDL	<MDL	11.0	16.5	35.9	67.0
	Home Children	59	<MDL	<MDL	10.6	15.9	36.8	108
	Day Care Children	42	<MDL	<MDL	12.7	18.0	69.5	125
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	<MDL	<MDL	<MDL	1.12	2.75	12.1
	Urban	99	<MDL	<MDL	<MDL	1.12	2.60	12.1
	Rural	16	<MDL	<MDL	0.493	0.960	6.19	6.19
	Low Income	37	<MDL	<MDL	0.666	0.895	1.79	2.00
	Mid/High Income	66	<MDL	<MDL	<MDL	1.13	2.87	6.19
	Home Children	60	<MDL	<MDL	0.783	1.21	3.90	12.1
	Day Care Children	55	<MDL	<MDL	<MDL	0.995	2.00	2.66
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	101	<MDL	<MDL	49.2	72.5	278	547
	Urban	85	<MDL	<MDL	49.6	73.2	278	547
	Rural	16	<MDL	<MDL	47.4	54.5	472	472
	Low Income	32	<MDL	38.3	64.4	87.6	472	547
	Mid/High Income	59	<MDL	<MDL	48.1	72.2	157	293
	Home Children	59	<MDL	<MDL	46.2	69.5	161	472
	Day Care Children	42	<MDL	<MDL	55.5	78.9	305	547
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	<MDL	<MDL	<MDL	4.88	12.0	52.8
	Urban	99	<MDL	<MDL	<MDL	4.88	11.4	52.8
	Rural	16	<MDL	<MDL	2.16	4.21	27.1	27.1
	Low Income	37	<MDL	<MDL	2.92	3.92	7.84	8.78
	Mid/High Income	66	<MDL	<MDL	<MDL	4.93	12.6	27.1
	Home Children	60	<MDL	<MDL	3.43	5.32	17.1	52.8
	Day Care Children	55	<MDL	<MDL	<MDL	4.36	8.78	11.7
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	101	<MDL	<MDL	0.076	0.115	0.455	0.935
	Urban	85	<MDL	<MDL	0.076	0.118	0.455	0.688
	Rural	16	<MDL	<MDL	0.074	0.088	0.935	0.935
	Low Income	32	<MDL	0.061	0.089	0.180	0.688	0.935
	Mid/High Income	59	<MDL	<MDL	0.074	0.104	0.270	0.455
	Home Children	59	<MDL	<MDL	0.074	0.104	0.270	0.935
	Day Care Children	42	<MDL	<MDL	0.079	0.144	0.532	0.688
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	<MDL	<MDL	<MDL	0.008	0.017	0.075
	Urban	99	<MDL	<MDL	<MDL	0.008	0.016	0.075
	Rural	16	<MDL	<MDL	0.004	0.008	0.029	0.029
	Low Income	37	<MDL	<MDL	0.004	0.007	0.016	0.016
	Mid/High Income	66	<MDL	<MDL	<MDL	0.009	0.021	0.047
	Home Children	60	<MDL	<MDL	0.006	0.010	0.027	0.075
	Day Care Children	55	<MDL	<MDL	<MDL	0.006	0.016	0.017
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	101	<MDL	<MDL	0.333	0.502	1.99	4.10
	Urban	85	<MDL	<MDL	0.333	0.517	1.99	3.01
	Rural	16	<MDL	<MDL	0.326	0.388	4.10	4.10
	Low Income	32	<MDL	0.266	0.388	0.789	3.01	4.10
	Mid/High Income	59	<MDL	<MDL	0.325	0.456	1.18	1.99
	Home Children	59	<MDL	<MDL	0.326	0.456	1.18	4.10
	Day Care Children	42	<MDL	<MDL	0.348	0.629	2.33	3.01
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	<MDL	<MDL	<MDL	0.036	0.073	0.330
	Urban	99	<MDL	<MDL	<MDL	0.036	0.070	0.330
	Rural	16	<MDL	<MDL	0.016	0.035	0.127	0.127
	Low Income	37	<MDL	<MDL	0.020	0.031	0.068	0.071
	Mid/High Income	66	<MDL	<MDL	<MDL	0.041	0.092	0.207
	Home Children	60	<MDL	<MDL	0.025	0.042	0.118	0.330
	Day Care Children	55	<MDL	<MDL	<MDL	0.027	0.069	0.073

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-9a. *alpha*-Chlordane (5103-71-9) : Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	95.2	11.1	27.3	4.16	1.12
	Urban	108	95.4	11.5	29.0	4.17	1.13
	Rural	17	94.1	8.27	11.6	4.11	1.13
	Low Income	39	94.9	11.7	27.9	4.54	1.12
	Mid/High Income	73	95.9	9.38	25.4	3.73	1.07
	Home Children	69	95.7	15.2	35.3	4.56	1.31
	Day Care Children	56	94.6	6.05	9.96	3.71	0.844
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	92.5	1.22	3.30	0.335	1.40
	Urban	103	92.2	1.34	3.54	0.363	1.41
	Rural	17	94.1	0.436	0.606	0.204	1.26
	Low Income	38	97.4	1.58	4.12	0.400	1.45
	Mid/High Income	69	89.9	0.965	2.58	0.327	1.31
	Home Children	63	88.9	1.52	3.83	0.394	1.47
	Day Care Children	57	96.5	0.875	2.58	0.280	1.31
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	95.2	27.1	66.7	10.1	1.12
	Urban	108	95.4	28.2	70.9	10.2	1.13
	Rural	17	94.1	20.2	28.4	10.0	1.13
	Low Income	39	94.9	28.6	68.1	11.1	1.12
	Mid/High Income	73	95.9	22.9	62.1	9.11	1.07
	Home Children	69	95.7	37.1	86.1	11.1	1.31
	Day Care Children	56	94.6	14.8	24.3	9.05	0.844
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	92.5	2.97	8.04	0.817	1.40
	Urban	103	92.2	3.28	8.63	0.887	1.41
	Rural	17	94.1	1.06	1.48	0.498	1.26
	Low Income	38	97.4	3.86	10.1	0.976	1.45
	Mid/High Income	69	89.9	2.36	6.30	0.798	1.31
	Home Children	63	88.9	3.72	9.34	0.961	1.47
	Day Care Children	57	96.5	2.13	6.30	0.684	1.31
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	95.2	0.076	0.179	0.028	1.16
	Urban	108	95.4	0.078	0.189	0.028	1.15
	Rural	17	94.1	0.062	0.098	0.027	1.21
	Low Income	39	94.9	0.086	0.214	0.031	1.18
	Mid/High Income	73	95.9	0.063	0.152	0.026	1.11
	Home Children	69	95.7	0.103	0.230	0.032	1.31
	Day Care Children	56	94.6	0.042	0.068	0.024	0.916
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	92.5	0.008	0.020	0.002	1.41
	Urban	103	92.2	0.009	0.022	0.002	1.42
	Rural	17	94.1	0.003	0.005	0.001	1.30
	Low Income	38	97.4	0.010	0.023	0.003	1.43
	Mid/High Income	69	89.9	0.007	0.018	0.002	1.34
	Home Children	63	88.9	0.010	0.025	0.003	1.45
	Day Care Children	57	96.5	0.006	0.013	0.002	1.36
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	95.2	0.185	0.437	0.069	1.16
	Urban	108	95.4	0.190	0.461	0.069	1.15
	Rural	17	94.1	0.152	0.239	0.067	1.21
	Low Income	39	94.9	0.210	0.521	0.074	1.18
	Mid/High Income	73	95.9	0.154	0.372	0.063	1.11
	Home Children	69	95.7	0.252	0.561	0.078	1.31
	Day Care Children	56	94.6	0.102	0.166	0.060	0.916
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	92.5	0.019	0.049	0.006	1.41
	Urban	103	92.2	0.021	0.053	0.006	1.42
	Rural	17	94.1	0.008	0.012	0.003	1.30
	Low Income	38	97.4	0.023	0.057	0.006	1.43
	Mid/High Income	69	89.9	0.017	0.044	0.006	1.34
	Home Children	63	88.9	0.025	0.061	0.007	1.45
	Day Care Children	57	96.5	0.014	0.031	0.005	1.36

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-9b. *alpha*-Chlordane (5103-71-9) : Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	1.97	2.96	6.52	51.5	198
	Urban	108	<MDL	1.99	3.05	6.63	69.0	198
	Rural	17	<MDL	1.91	2.93	6.47	41.5	41.5
	Low Income	39	<MDL	2.07	2.84	8.56	92.6	153
	Mid/High Income	73	<MDL	1.90	2.92	5.53	44.4	198
	Home Children	69	<MDL	1.97	3.24	7.20	92.6	198
	Day Care Children	56	<MDL	2.00	2.74	6.50	16.1	69.0
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	0.134	0.262	0.724	3.51	19.2
	Urban	103	<MDL	0.147	0.273	0.750	3.63	19.2
	Rural	17	<MDL	0.068	0.185	0.357	2.12	2.12
	Low Income	38	<MDL	0.147	0.274	0.815	17.8	19.1
	Mid/High Income	69	<MDL	0.147	0.261	0.750	2.83	19.2
	Home Children	63	<MDL	0.147	0.331	0.815	9.67	19.2
	Day Care Children	57	<MDL	0.122	0.188	0.661	3.00	19.1
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	4.81	7.22	15.9	126	483
	Urban	108	<MDL	4.86	7.46	16.2	168	483
	Rural	17	<MDL	4.67	7.15	15.8	101	101
	Low Income	39	<MDL	5.06	6.93	20.9	226	372
	Mid/High Income	73	<MDL	4.63	7.11	13.5	108	483
	Home Children	69	<MDL	4.80	7.91	17.6	226	483
	Day Care Children	56	<MDL	4.88	6.68	15.9	39.3	168
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	0.326	0.638	1.77	8.58	46.8
	Urban	103	<MDL	0.359	0.666	1.83	8.87	46.8
	Rural	17	<MDL	0.166	0.452	0.871	5.16	5.16
	Low Income	38	<MDL	0.359	0.668	1.99	43.4	46.7
	Mid/High Income	69	<MDL	0.360	0.636	1.83	6.91	46.8
	Home Children	63	<MDL	0.359	0.809	1.99	23.6	46.8
	Day Care Children	57	<MDL	0.297	0.458	1.61	7.32	46.7
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.013	0.021	0.049	0.364	1.20
	Urban	108	<MDL	0.014	0.022	0.049	0.440	1.20
	Rural	17	<MDL	0.013	0.019	0.035	0.360	0.360
	Low Income	39	<MDL	0.016	0.022	0.058	0.614	1.20
	Mid/High Income	73	<MDL	0.013	0.021	0.037	0.337	1.15
	Home Children	69	<MDL	0.013	0.024	0.055	0.614	1.20
	Day Care Children	56	<MDL	0.015	0.019	0.037	0.158	0.440
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	0.001	0.002	0.005	0.032	0.136
	Urban	103	<MDL	0.001	0.002	0.005	0.033	0.136
	Rural	17	<MDL	0.001	0.001	0.002	0.018	0.018
	Low Income	38	<MDL	0.001	0.002	0.005	0.084	0.118
	Mid/High Income	69	<MDL	0.001	0.002	0.005	0.022	0.136
	Home Children	63	<MDL	0.001	0.002	0.006	0.056	0.136
	Day Care Children	57	<MDL	0.001	0.001	0.004	0.031	0.084
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.033	0.052	0.119	0.888	2.93
	Urban	108	<MDL	0.033	0.053	0.120	1.07	2.93
	Rural	17	<MDL	0.031	0.046	0.086	0.878	0.878
	Low Income	39	<MDL	0.038	0.053	0.142	1.50	2.93
	Mid/High Income	73	<MDL	0.031	0.051	0.091	0.823	2.80
	Home Children	69	<MDL	0.032	0.058	0.134	1.50	2.93
	Day Care Children	56	<MDL	0.036	0.047	0.092	0.386	1.07
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	0.002	0.004	0.013	0.078	0.331
	Urban	103	<MDL	0.002	0.005	0.013	0.081	0.331
	Rural	17	<MDL	0.001	0.003	0.005	0.045	0.045
	Low Income	38	<MDL	0.002	0.005	0.013	0.206	0.288
	Mid/High Income	69	<MDL	0.002	0.004	0.013	0.053	0.331
	Home Children	63	<MDL	0.002	0.006	0.014	0.137	0.331
	Day Care Children	57	<MDL	0.002	0.003	0.009	0.075	0.206

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-10a. *gamma*-Chlordane (5103-74-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	98.4	17.8	57.9	5.78	1.16
	Urban	108	98.1	18.9	62.0	5.80	1.17
	Rural	17	100.0	10.9	14.4	5.62	1.13
	Low Income	39	97.4	17.3	45.0	6.32	1.13
	Mid/High Income	73	98.6	16.8	65.8	5.17	1.13
	Home Children	69	98.6	25.3	76.4	6.23	1.36
	Day Care Children	56	98.2	8.57	13.6	5.26	0.852
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	91.7	1.37	3.80	0.356	1.43
	Urban	103	91.3	1.51	4.08	0.383	1.44
	Rural	17	94.1	0.512	0.705	0.228	1.32
	Low Income	38	97.4	1.73	4.53	0.432	1.47
	Mid/High Income	69	88.4	1.16	3.37	0.345	1.36
	Home Children	63	87.3	1.73	4.40	0.415	1.52
	Day Care Children	57	96.5	0.973	2.99	0.300	1.33
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	98.4	43.5	141	14.1	1.16
	Urban	108	98.1	46.1	151	14.2	1.17
	Rural	17	100.0	26.7	35.2	13.7	1.13
	Low Income	39	97.4	42.2	110	15.4	1.13
	Mid/High Income	73	98.6	41.0	161	12.6	1.13
	Home Children	69	98.6	61.8	186	15.2	1.36
	Day Care Children	56	98.2	20.9	33.1	12.8	0.852
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	91.7	3.35	9.27	0.868	1.43
	Urban	103	91.3	3.69	9.95	0.935	1.44
	Rural	17	94.1	1.25	1.72	0.556	1.32
	Low Income	38	97.4	4.23	11.1	1.05	1.47
	Mid/High Income	69	88.4	2.83	8.22	0.842	1.36
	Home Children	63	87.3	4.23	10.7	1.01	1.52
	Day Care Children	57	96.5	2.37	7.30	0.732	1.33
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	98.4	0.120	0.361	0.039	1.19
	Urban	108	98.1	0.126	0.385	0.040	1.19
	Rural	17	100.0	0.082	0.121	0.037	1.20
	Low Income	39	97.4	0.127	0.347	0.043	1.19
	Mid/High Income	73	98.6	0.110	0.384	0.036	1.17
	Home Children	69	98.6	0.169	0.474	0.044	1.37
	Day Care Children	56	98.2	0.060	0.094	0.035	0.921
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	91.7	0.009	0.023	0.002	1.44
	Urban	103	91.3	0.010	0.024	0.003	1.44
	Rural	17	94.1	0.004	0.006	0.002	1.36
	Low Income	38	97.4	0.010	0.025	0.003	1.44
	Mid/High Income	69	88.4	0.008	0.022	0.002	1.39
	Home Children	63	87.3	0.011	0.028	0.003	1.49
	Day Care Children	57	96.5	0.006	0.014	0.002	1.36
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	98.4	0.292	0.880	0.096	1.19
	Urban	108	98.1	0.307	0.940	0.097	1.19
	Rural	17	100.0	0.201	0.296	0.091	1.20
	Low Income	39	97.4	0.311	0.847	0.104	1.19
	Mid/High Income	73	98.6	0.268	0.937	0.087	1.17
	Home Children	69	98.6	0.411	1.16	0.106	1.37
	Day Care Children	56	98.2	0.145	0.229	0.084	0.921
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	91.7	0.022	0.055	0.006	1.44
	Urban	103	91.3	0.024	0.059	0.006	1.44
	Rural	17	94.1	0.009	0.014	0.004	1.36
	Low Income	38	97.4	0.025	0.061	0.007	1.44
	Mid/High Income	69	88.4	0.020	0.053	0.006	1.39
	Home Children	63	87.3	0.028	0.068	0.007	1.49
	Day Care Children	57	96.5	0.015	0.035	0.005	1.36

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-10b. *gamma*-Chlordane (5103-74-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	2.81	4.13	9.62	64.7	554
	Urban	108	<MDL	2.82	4.14	9.74	92.6	554
	Rural	17	1.26	2.43	3.89	9.24	48.4	48.4
	Low Income	39	<MDL	2.83	4.38	9.98	127	259
	Mid/High Income	73	<MDL	2.69	3.89	8.28	54.4	554
	Home Children	69	<MDL	2.72	4.25	11.3	127	554
	Day Care Children	56	<MDL	2.84	3.90	8.85	24.5	92.6
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	0.124	0.305	0.884	3.66	22.3
	Urban	103	<MDL	0.136	0.331	0.943	3.77	22.3
	Rural	17	<MDL	0.070	0.185	0.419	2.29	2.29
	Low Income	38	<MDL	0.147	0.350	1.09	18.2	22.3
	Mid/High Income	69	<MDL	0.137	0.305	0.943	3.55	21.6
	Home Children	63	<MDL	0.121	0.372	0.993	14.0	21.6
	Day Care Children	57	<MDL	0.128	0.208	0.604	3.45	22.3
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	6.87	10.1	23.5	158	1,350
	Urban	108	<MDL	6.88	10.1	23.8	226	1,350
	Rural	17	3.07	5.92	9.50	22.5	118	118
	Low Income	39	<MDL	6.90	10.7	24.4	311	633
	Mid/High Income	73	<MDL	6.57	9.50	20.2	133	1,350
	Home Children	69	<MDL	6.63	10.4	27.5	311	1,350
	Day Care Children	56	<MDL	6.92	9.52	21.6	59.8	226
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	0.304	0.745	2.16	8.93	54.4
	Urban	103	<MDL	0.332	0.807	2.30	9.20	54.4
	Rural	17	<MDL	0.170	0.453	1.02	5.60	5.60
	Low Income	38	<MDL	0.359	0.854	2.65	44.3	54.4
	Mid/High Income	69	<MDL	0.333	0.745	2.30	8.66	52.8
	Home Children	63	<MDL	0.295	0.907	2.42	34.1	52.8
	Day Care Children	57	<MDL	0.312	0.508	1.47	8.41	54.4
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.018	0.030	0.072	0.456	3.21
	Urban	108	<MDL	0.019	0.030	0.073	0.589	3.21
	Rural	17	0.008	0.016	0.029	0.045	0.420	0.420
	Low Income	39	<MDL	0.021	0.030	0.075	0.845	2.04
	Mid/High Income	73	<MDL	0.017	0.027	0.070	0.413	3.21
	Home Children	69	<MDL	0.018	0.031	0.075	0.845	3.21
	Day Care Children	56	<MDL	0.020	0.028	0.057	0.270	0.589
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	0.001	0.002	0.006	0.035	0.129
	Urban	103	<MDL	0.001	0.002	0.006	0.038	0.129
	Rural	17	<MDL	0.001	0.001	0.003	0.020	0.020
	Low Income	38	<MDL	0.001	0.002	0.005	0.098	0.120
	Mid/High Income	69	<MDL	0.001	0.002	0.006	0.021	0.129
	Home Children	63	<MDL	0.001	0.003	0.006	0.080	0.129
	Day Care Children	57	<MDL	0.001	0.001	0.004	0.032	0.098
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.044	0.072	0.175	1.11	7.83
	Urban	108	<MDL	0.046	0.074	0.177	1.44	7.83
	Rural	17	0.019	0.039	0.071	0.110	1.03	1.03
	Low Income	39	<MDL	0.052	0.072	0.183	2.06	4.98
	Mid/High Income	73	<MDL	0.042	0.065	0.170	1.01	7.83
	Home Children	69	<MDL	0.044	0.077	0.183	2.06	7.83
	Day Care Children	56	<MDL	0.048	0.068	0.140	0.658	1.44
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	0.002	0.005	0.014	0.085	0.314
	Urban	103	<MDL	0.002	0.005	0.014	0.093	0.314
	Rural	17	<MDL	0.001	0.003	0.007	0.049	0.049
	Low Income	38	<MDL	0.002	0.005	0.013	0.240	0.294
	Mid/High Income	69	<MDL	0.002	0.004	0.014	0.050	0.314
	Home Children	63	<MDL	0.002	0.007	0.016	0.196	0.314
	Day Care Children	57	<MDL	0.002	0.004	0.009	0.078	0.240

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-11a. Chlorpyrifos (2921-88-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	110	100.0	44.3	86.1	23.7	0.991
	Urban	93	100.0	48.2	92.9	24.8	1.03
	Rural	17	100.0	23.0	16.7	18.3	0.701
	Low Income	33	100.0	48.7	72.6	27.3	1.02
	Mid/High Income	66	100.0	32.4	37.9	20.5	0.920
	Home Children	60	100.0	49.7	111	21.3	1.13
	Day Care Children	50	100.0	37.8	38.3	26.9	0.788
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	20.5	120	1.66	1.63
	Urban	103	100.0	23.5	129	1.84	1.68
	Rural	17	100.0	2.28	5.59	0.864	1.14
	Low Income	38	100.0	49.2	204	3.02	2.00
	Mid/High Income	69	100.0	3.08	5.57	1.32	1.22
	Home Children	63	100.0	9.20	46.7	1.49	1.46
	Day Care Children	57	100.0	33.0	167	1.86	1.81
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	110	100.0	126	246	67.5	0.991
	Urban	93	100.0	138	265	70.8	1.03
	Rural	17	100.0	65.5	47.7	52.2	0.701
	Low Income	33	100.0	139	207	77.8	1.02
	Mid/High Income	66	100.0	92.5	108	58.6	0.920
	Home Children	60	100.0	142	318	60.7	1.13
	Day Care Children	50	100.0	108	109	76.8	0.788
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	58.5	342	4.72	1.63
	Urban	103	100.0	67.1	369	5.26	1.68
	Rural	17	100.0	6.52	15.9	2.46	1.14
	Low Income	38	100.0	140	580	8.62	2.00
	Mid/High Income	69	100.0	8.77	15.9	3.77	1.22
	Home Children	63	100.0	26.3	133	4.25	1.46
	Day Care Children	57	100.0	94.2	476	5.30	1.81
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	110	100.0	0.318	0.656	0.159	1.05
	Urban	93	100.0	0.348	0.708	0.167	1.10
	Rural	17	100.0	0.157	0.120	0.122	0.724
	Low Income	33	100.0	0.339	0.488	0.180	1.10
	Mid/High Income	66	100.0	0.234	0.291	0.139	0.978
	Home Children	60	100.0	0.364	0.857	0.148	1.15
	Day Care Children	50	100.0	0.263	0.257	0.173	0.918
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	0.136	0.794	0.011	1.67
	Urban	103	100.0	0.156	0.856	0.013	1.72
	Rural	17	100.0	0.016	0.042	0.006	1.15
	Low Income	38	100.0	0.309	1.32	0.020	1.99
	Mid/High Income	69	100.0	0.023	0.041	0.009	1.29
	Home Children	63	100.0	0.070	0.367	0.010	1.48
	Day Care Children	57	100.0	0.209	1.09	0.012	1.87
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	110	100.0	0.908	1.87	0.454	1.05
	Urban	93	100.0	0.992	2.02	0.476	1.10
	Rural	17	100.0	0.448	0.343	0.348	0.724
	Low Income	33	100.0	0.966	1.39	0.514	1.10
	Mid/High Income	66	100.0	0.667	0.830	0.397	0.978
	Home Children	60	100.0	1.04	2.45	0.422	1.15
	Day Care Children	50	100.0	0.751	0.734	0.495	0.918
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	0.388	2.26	0.032	1.67
	Urban	103	100.0	0.444	2.44	0.036	1.72
	Rural	17	100.0	0.046	0.119	0.016	1.15
	Low Income	38	100.0	0.880	3.78	0.057	1.99
	Mid/High Income	69	100.0	0.066	0.118	0.026	1.29
	Home Children	63	100.0	0.200	1.05	0.030	1.48
	Day Care Children	57	100.0	0.596	3.10	0.035	1.87

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-11b. Chlorpyrifos (2921-88-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	110	1.86	12.2	19.8	42.4	131	768
	Urban	93	1.86	12.2	19.8	48.6	170	768
	Rural	17	5.03	12.4	16.5	31.4	67.5	67.5
	Low Income	33	5.74	12.3	24.3	55.8	212	383
	Mid/High Income	66	1.86	11.6	18.2	35.2	111	187
	Home Children	60	1.86	9.95	16.5	37.3	179	768
	Day Care Children	50	6.71	14.8	23.8	48.3	122	212
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	0.090	0.553	1.18	3.67	32.9	1,200
	Urban	103	0.090	0.562	1.22	4.02	32.9	1,200
	Rural	17	0.218	0.438	0.663	1.60	23.8	23.8
	Low Income	38	0.090	0.604	2.58	5.84	433	1,200
	Mid/High Income	69	0.159	0.562	1.10	3.23	14.5	33.7
	Home Children	63	0.169	0.528	1.18	3.55	20.2	371
	Day Care Children	57	0.090	0.554	1.22	3.70	39.5	1,200
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	110	5.32	34.7	56.4	121	373	2,190
	Urban	93	5.32	34.7	56.4	139	486	2,190
	Rural	17	14.4	35.3	47.1	89.6	193	193
	Low Income	33	16.4	35.1	69.4	159	605	1,090
	Mid/High Income	66	5.32	33.2	51.8	100	316	533
	Home Children	60	5.32	28.4	47.1	106	509	2,190
	Day Care Children	50	19.1	42.2	67.8	138	347	605
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	0.258	1.58	3.35	10.5	93.9	3,410
	Urban	103	0.258	1.60	3.48	11.5	94.0	3,410
	Rural	17	0.622	1.25	1.89	4.56	67.8	67.8
	Low Income	38	0.258	1.72	7.37	16.7	1,240	3,410
	Mid/High Income	69	0.452	1.60	3.14	9.22	41.3	96.1
	Home Children	63	0.482	1.51	3.35	10.1	57.5	1,060
	Day Care Children	57	0.258	1.58	3.48	10.5	113	3,410
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	110	0.018	0.077	0.128	0.300	0.965	6.04
	Urban	93	0.018	0.079	0.129	0.323	1.00	6.04
	Rural	17	0.038	0.069	0.107	0.198	0.422	0.422
	Low Income	33	0.025	0.080	0.138	0.430	0.965	2.60
	Mid/High Income	66	0.018	0.069	0.119	0.264	0.842	1.42
	Home Children	60	0.018	0.068	0.118	0.273	1.36	6.04
	Day Care Children	50	0.025	0.095	0.136	0.351	0.832	0.965
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.001	0.004	0.008	0.025	0.198	8.03
	Urban	103	0.001	0.004	0.009	0.027	0.218	8.03
	Rural	17	0.001	0.003	0.005	0.009	0.177	0.177
	Low Income	38	0.001	0.004	0.017	0.043	1.91	8.03
	Mid/High Income	69	0.001	0.004	0.007	0.023	0.127	0.218
	Home Children	63	0.001	0.004	0.008	0.024	0.137	2.92
	Day Care Children	57	0.001	0.004	0.007	0.026	0.435	8.03
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	110	0.051	0.219	0.365	0.855	2.75	17.2
	Urban	93	0.051	0.225	0.368	0.921	2.86	17.2
	Rural	17	0.109	0.198	0.304	0.564	1.20	1.20
	Low Income	33	0.070	0.227	0.393	1.23	2.75	7.42
	Mid/High Income	66	0.051	0.198	0.340	0.753	2.40	4.05
	Home Children	60	0.051	0.194	0.337	0.778	3.87	17.2
	Day Care Children	50	0.070	0.270	0.387	1.00	2.37	2.75
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.002	0.010	0.023	0.072	0.564	22.9
	Urban	103	0.002	0.011	0.025	0.078	0.623	22.9
	Rural	17	0.004	0.008	0.014	0.026	0.504	0.504
	Low Income	38	0.002	0.011	0.047	0.124	5.44	22.9
	Mid/High Income	69	0.002	0.012	0.020	0.065	0.364	0.623
	Home Children	63	0.003	0.011	0.024	0.069	0.391	8.32
	Day Care Children	57	0.002	0.010	0.021	0.075	1.24	22.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-12a. Chrysene (218-01-9): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	108	59.3	1.52	2.32	1.08	0.649
	Urban	92	65.2	1.63	2.49	1.13	0.685
	Rural	16	25.0	--	--	--	--
	Low Income	35	74.3	2.38	3.79	1.37	0.902
	Mid/High Income	62	51.6	1.12	0.880	0.964	0.464
	Home Children	58	53.4	1.15	1.10	0.955	0.493
	Day Care Children	50	66.0	1.95	3.16	1.25	0.774
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	53.7	132	19.1	1.26
	Urban	102	100.0	59.6	141	22.6	1.20
	Rural	17	100.0	18.0	40.1	7.02	1.18
	Low Income	38	100.0	35.2	63.6	17.0	1.12
	Mid/High Income	68	100.0	70.2	166	21.1	1.38
	Home Children	62	100.0	42.8	84.3	17.0	1.25
	Day Care Children	57	100.0	65.5	169	21.8	1.26
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	108	59.3	6.64	10.2	4.73	0.649
	Urban	92	65.2	7.16	10.9	4.97	0.685
	Rural	16	25.0	--	--	--	--
	Low Income	35	74.3	10.4	16.6	6.00	0.902
	Mid/High Income	62	51.6	4.89	3.86	4.22	0.464
	Home Children	58	53.4	5.02	4.81	4.18	0.493
	Day Care Children	50	66.0	8.52	13.8	5.46	0.774
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	235	577	83.8	1.26
	Urban	102	100.0	261	616	99.0	1.20
	Rural	17	100.0	78.8	176	30.8	1.18
	Low Income	38	100.0	154	279	74.5	1.12
	Mid/High Income	68	100.0	308	728	92.6	1.38
	Home Children	62	100.0	187	369	74.4	1.25
	Day Care Children	57	100.0	287	740	95.3	1.26
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	108	59.3	0.011	0.018	0.007	0.711
	Urban	92	65.2	0.012	0.020	0.008	0.754
	Rural	16	25.0	--	--	--	--
	Low Income	35	74.3	0.018	0.030	0.009	0.991
	Mid/High Income	62	51.6	0.008	0.006	0.007	0.526
	Home Children	58	53.4	0.008	0.008	0.007	0.522
	Day Care Children	50	66.0	0.014	0.025	0.008	0.875
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.374	0.934	0.130	1.28
	Urban	102	100.0	0.418	0.998	0.154	1.22
	Rural	17	100.0	0.113	0.245	0.047	1.14
	Low Income	38	100.0	0.232	0.418	0.113	1.10
	Mid/High Income	68	100.0	0.498	1.18	0.147	1.42
	Home Children	62	100.0	0.327	0.697	0.119	1.30
	Day Care Children	57	100.0	0.426	1.14	0.143	1.26
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	108	59.3	0.048	0.080	0.032	0.711
	Urban	92	65.2	0.051	0.086	0.033	0.754
	Rural	16	25.0	--	--	--	--
	Low Income	35	74.3	0.077	0.131	0.040	0.991
	Mid/High Income	62	51.6	0.034	0.028	0.029	0.526
	Home Children	58	53.4	0.035	0.035	0.029	0.522
	Day Care Children	50	66.0	0.062	0.109	0.036	0.875
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.64	4.09	0.571	1.28
	Urban	102	100.0	1.83	4.37	0.677	1.22
	Rural	17	100.0	0.494	1.07	0.205	1.14
	Low Income	38	100.0	1.02	1.83	0.494	1.10
	Mid/High Income	68	100.0	2.18	5.18	0.643	1.42
	Home Children	62	100.0	1.43	3.05	0.523	1.30
	Day Care Children	57	100.0	1.87	5.00	0.628	1.26

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-12b. Chrysene (218-01-9): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	108	<MDL	<MDL	0.769	1.25	4.73	20.9
	Urban	92	<MDL	<MDL	0.879	1.31	5.70	20.9
	Rural	16	<MDL	<MDL	<MDL	<MDL	1.47	1.47
	Low Income	35	<MDL	<MDL	0.907	2.11	8.02	20.9
	Mid/High Income	62	<MDL	<MDL	0.746	1.09	2.17	5.70
	Home Children	58	<MDL	<MDL	0.757	1.01	4.40	6.55
	Day Care Children	50	<MDL	<MDL	0.953	1.86	7.25	20.9
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.62	7.99	18.0	32.5	319	980
	Urban	102	2.02	9.84	21.7	41.2	319	980
	Rural	17	1.62	3.77	5.21	9.43	170	170
	Low Income	38	1.86	7.99	14.0	31.6	121	373
	Mid/High Income	68	1.62	8.22	20.7	33.2	386	980
	Home Children	62	1.62	7.07	16.6	26.8	189	439
	Day Care Children	57	2.99	9.31	22.0	33.2	373	980
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	108	<MDL	<MDL	3.37	5.46	20.7	91.8
	Urban	92	<MDL	<MDL	3.85	5.74	25.0	91.8
	Rural	16	<MDL	<MDL	<MDL	<MDL	6.44	6.44
	Low Income	35	<MDL	<MDL	3.97	9.24	35.1	91.8
	Mid/High Income	62	<MDL	<MDL	3.27	4.76	9.49	25.0
	Home Children	58	<MDL	<MDL	3.32	4.42	19.3	28.7
	Day Care Children	50	<MDL	<MDL	4.18	8.13	31.7	91.8
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	7.10	35.0	78.9	142	1,400	4,290
	Urban	102	8.85	43.1	94.9	180	1,400	4,290
	Rural	17	7.10	16.5	22.8	41.3	746	746
	Low Income	38	8.16	35.0	61.2	138	528	1,630
	Mid/High Income	68	7.10	36.0	90.8	145	1,690	4,290
	Home Children	62	7.10	31.0	72.9	117	827	1,920
	Day Care Children	57	13.1	40.8	96.4	145	1,630	4,290
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	108	<MDL	<MDL	0.006	0.009	0.030	0.160
	Urban	92	<MDL	<MDL	0.006	0.010	0.039	0.160
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.009	0.009
	Low Income	35	<MDL	<MDL	0.007	0.014	0.070	0.160
	Mid/High Income	62	<MDL	<MDL	0.006	0.008	0.018	0.039
	Home Children	58	<MDL	<MDL	0.006	0.007	0.030	0.052
	Day Care Children	50	<MDL	<MDL	0.006	0.013	0.068	0.160
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.011	0.052	0.121	0.241	2.42	7.71
	Urban	102	0.011	0.069	0.141	0.256	2.42	7.71
	Rural	17	0.012	0.023	0.038	0.083	1.04	1.04
	Low Income	38	0.015	0.054	0.087	0.193	0.874	2.42
	Mid/High Income	68	0.011	0.051	0.124	0.277	3.33	7.71
	Home Children	62	0.011	0.049	0.120	0.211	1.33	3.46
	Day Care Children	57	0.016	0.060	0.121	0.256	2.42	7.71
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	108	<MDL	<MDL	0.027	0.041	0.133	0.702
	Urban	92	<MDL	<MDL	0.028	0.043	0.170	0.702
	Rural	16	<MDL	<MDL	<MDL	<MDL	0.041	0.041
	Low Income	35	<MDL	<MDL	0.029	0.059	0.304	0.702
	Mid/High Income	62	<MDL	<MDL	0.025	0.037	0.080	0.170
	Home Children	58	<MDL	<MDL	0.026	0.031	0.133	0.226
	Day Care Children	50	<MDL	<MDL	0.028	0.055	0.296	0.702
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.050	0.226	0.528	1.06	10.6	33.8
	Urban	102	0.050	0.301	0.617	1.12	10.6	33.8
	Rural	17	0.054	0.100	0.165	0.364	4.57	4.57
	Low Income	38	0.067	0.235	0.380	0.845	3.83	10.6
	Mid/High Income	68	0.050	0.223	0.544	1.21	14.6	33.8
	Home Children	62	0.050	0.213	0.526	0.926	5.84	15.2
	Day Care Children	57	0.072	0.262	0.528	1.12	10.6	33.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-13a. Cyfluthrin (68359-37-5): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	123	1.6	--	--	--	--
	Urban	106	1.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	71	1.4	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	3.6	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	79.8	7.63	11.3	3.47	1.34
	Urban	103	82.5	8.47	11.9	4.05	1.31
	Rural	16	62.5	2.26	2.96	1.28	1.06
	Low Income	38	86.8	7.53	7.59	4.27	1.23
	Mid/High Income	69	79.7	8.11	13.6	3.26	1.38
	Home Children	63	82.5	7.67	11.1	3.65	1.28
	Day Care Children	56	76.8	7.59	11.6	3.28	1.41
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	123	1.6	--	--	--	--
	Urban	106	1.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	71	1.4	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	3.6	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	79.8	17.6	26.0	7.99	1.34
	Urban	103	82.5	19.5	27.3	9.33	1.31
	Rural	16	62.5	5.20	6.81	2.96	1.06
	Low Income	38	86.8	17.3	17.5	9.82	1.23
	Mid/High Income	69	79.7	18.7	31.2	7.51	1.38
	Home Children	63	82.5	17.7	25.6	8.40	1.28
	Day Care Children	56	76.8	17.5	26.6	7.56	1.41
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	1.6	--	--	--	--
	Urban	106	1.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	71	1.4	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	3.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	79.8	0.051	0.078	0.024	1.32
	Urban	103	82.5	0.056	0.082	0.028	1.28
	Rural	16	62.5	0.016	0.020	0.008	1.14
	Low Income	38	86.8	0.049	0.052	0.028	1.22
	Mid/High Income	69	79.7	0.054	0.094	0.023	1.35
	Home Children	63	82.5	0.055	0.090	0.026	1.30
	Day Care Children	56	76.8	0.046	0.061	0.022	1.36
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	1.6	--	--	--	--
	Urban	106	1.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	71	1.4	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	56	3.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	79.8	0.117	0.179	0.054	1.32
	Urban	103	82.5	0.130	0.188	0.064	1.28
	Rural	16	62.5	0.036	0.045	0.019	1.14
	Low Income	38	86.8	0.113	0.119	0.065	1.22
	Mid/High Income	69	79.7	0.125	0.215	0.052	1.35
	Home Children	63	82.5	0.127	0.207	0.059	1.30
	Day Care Children	56	76.8	0.106	0.141	0.050	1.36

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-13b. Cyfluthrin (68359-37-5): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	<MDL	29.5
	Urban	106	<MDL	<MDL	<MDL	<MDL	<MDL	29.5
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	8.90
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	29.5
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	29.5
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	1.13	4.41	9.44	30.7	75.0
	Urban	103	<MDL	1.46	5.06	10.1	30.7	75.0
	Rural	16	<MDL	<MDL	1.28	2.34	11.9	11.9
	Low Income	38	<MDL	1.90	5.55	10.8	22.2	37.6
	Mid/High Income	69	<MDL	1.13	3.53	8.32	31.3	75.0
	Home Children	63	<MDL	1.46	3.97	9.85	30.7	70.8
	Day Care Children	56	<MDL	0.798	5.11	8.91	23.3	75.0
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	<MDL	68.0
	Urban	106	<MDL	<MDL	<MDL	<MDL	<MDL	68.0
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	20.5
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	68.0
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	68.0
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	2.60	10.2	21.7	70.7	173
	Urban	103	<MDL	3.37	11.7	23.3	70.7	173
	Rural	16	<MDL	<MDL	2.94	5.39	27.3	27.3
	Low Income	38	<MDL	4.37	12.8	24.9	51.0	86.5
	Mid/High Income	69	<MDL	2.60	8.12	19.2	72.0	173
	Home Children	63	<MDL	3.37	9.14	22.7	70.7	163
	Day Care Children	56	<MDL	1.84	11.8	20.5	53.6	173
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	<MDL	0.114
	Urban	106	<MDL	<MDL	<MDL	<MDL	<MDL	0.114
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.078
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	0.114
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.114
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	0.007	0.028	0.060	0.180	0.634
	Urban	103	<MDL	0.012	0.033	0.065	0.180	0.634
	Rural	16	<MDL	<MDL	0.008	0.018	0.073	0.073
	Low Income	38	<MDL	0.014	0.035	0.065	0.144	0.272
	Mid/High Income	69	<MDL	0.007	0.023	0.056	0.183	0.634
	Home Children	63	<MDL	0.012	0.026	0.063	0.180	0.634
	Day Care Children	56	<MDL	0.006	0.033	0.058	0.141	0.344
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	<MDL	<MDL	<MDL	<MDL	<MDL	0.262
	Urban	106	<MDL	<MDL	<MDL	<MDL	<MDL	0.262
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.179
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	0.262
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.262
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	0.017	0.063	0.139	0.415	1.46
	Urban	103	<MDL	0.028	0.077	0.150	0.415	1.46
	Rural	16	<MDL	<MDL	0.018	0.041	0.167	0.167
	Low Income	38	<MDL	0.033	0.081	0.150	0.331	0.627
	Mid/High Income	69	<MDL	0.016	0.053	0.129	0.422	1.46
	Home Children	63	<MDL	0.028	0.061	0.145	0.415	1.46
	Day Care Children	56	<MDL	0.013	0.076	0.133	0.324	0.793

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-14a. Diazinon (333-41-5): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	99.2	78.0	274	15.4	1.33
	Urban	108	99.1	88.2	294	16.1	1.41
	Rural	17	100.0	13.1	5.75	11.6	0.565
	Low Income	39	100.0	93.6	228	20.9	1.45
	Mid/High Income	73	98.6	42.0	183	11.3	1.09
	Home Children	69	98.6	82.3	326	13.8	1.36
	Day Care Children	56	100.0	72.7	195	17.7	1.30
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	97.5	31.5	192	0.806	1.97
	Urban	103	97.1	36.7	207	0.946	2.06
	Rural	17	100.0	0.437	0.412	0.307	0.859
	Low Income	38	97.4	17.0	80.8	1.14	1.90
	Mid/High Income	69	98.6	19.4	136	0.643	1.78
	Home Children	63	98.4	48.9	257	0.769	2.08
	Day Care Children	57	96.5	12.4	66.2	0.850	1.86
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	99.2	256	901	50.7	1.33
	Urban	108	99.1	290	965	53.0	1.41
	Rural	17	100.0	43.1	18.9	38.2	0.565
	Low Income	39	100.0	308	749	68.5	1.45
	Mid/High Income	73	98.6	138	601	37.2	1.09
	Home Children	69	98.6	271	1,070	45.4	1.36
	Day Care Children	56	100.0	239	642	58.1	1.30
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	97.5	104	631	2.65	1.97
	Urban	103	97.1	120	680	3.11	2.06
	Rural	17	100.0	1.44	1.35	1.01	0.859
	Low Income	38	97.4	55.8	266	3.75	1.90
	Mid/High Income	69	98.6	63.6	447	2.11	1.78
	Home Children	63	98.4	161	845	2.53	2.08
	Day Care Children	57	96.5	40.6	217	2.79	1.86
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	99.2	0.544	1.97	0.105	1.36
	Urban	108	99.1	0.616	2.11	0.110	1.44
	Rural	17	100.0	0.089	0.046	0.078	0.573
	Low Income	39	100.0	0.629	1.51	0.140	1.50
	Mid/High Income	73	98.6	0.278	1.12	0.078	1.10
	Home Children	69	98.6	0.577	2.38	0.097	1.35
	Day Care Children	56	100.0	0.503	1.32	0.116	1.37
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	97.5	0.224	1.44	0.005	1.98
	Urban	103	97.1	0.260	1.55	0.006	2.07
	Rural	17	100.0	0.003	0.003	0.002	0.822
	Low Income	38	97.4	0.087	0.360	0.008	1.88
	Mid/High Income	69	98.6	0.136	0.960	0.004	1.80
	Home Children	63	98.4	0.366	1.96	0.005	2.06
	Day Care Children	57	96.5	0.067	0.296	0.006	1.90
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	99.2	1.79	6.48	0.345	1.36
	Urban	108	99.1	2.02	6.95	0.362	1.44
	Rural	17	100.0	0.292	0.150	0.255	0.573
	Low Income	39	100.0	2.07	4.97	0.461	1.50
	Mid/High Income	73	98.6	0.914	3.67	0.256	1.10
	Home Children	69	98.6	1.90	7.83	0.318	1.35
	Day Care Children	56	100.0	1.65	4.34	0.382	1.37
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	97.5	0.735	4.73	0.018	1.98
	Urban	103	97.1	0.855	5.10	0.021	2.07
	Rural	17	100.0	0.009	0.008	0.007	0.822
	Low Income	38	97.4	0.284	1.18	0.025	1.88
	Mid/High Income	69	98.6	0.448	3.16	0.015	1.80
	Home Children	63	98.4	1.20	6.45	0.018	2.06
	Day Care Children	57	96.5	0.219	0.974	0.018	1.90

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-14b. Diazinon (333-41-5): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	7.37	11.1	20.7	308	2,240
	Urban	108	<MDL	7.34	10.6	21.9	390	2,240
	Rural	17	2.32	10.0	12.9	14.8	22.8	22.8
	Low Income	39	3.48	8.48	14.8	25.0	874	974
	Mid/High Income	73	<MDL	6.61	8.95	13.9	117	1,530
	Home Children	69	<MDL	6.69	10.2	19.7	297	2,240
	Day Care Children	56	3.48	7.65	12.8	20.8	658	974
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	0.219	0.485	1.74	42.8	1,720
	Urban	103	<MDL	0.223	0.534	2.48	48.1	1,720
	Rural	17	0.087	0.141	0.344	0.517	1.64	1.64
	Low Income	38	<MDL	0.319	0.808	3.14	48.1	499
	Mid/High Income	69	<MDL	0.197	0.398	0.875	24.7	1,130
	Home Children	63	<MDL	0.192	0.433	1.87	48.7	1,720
	Day Care Children	57	<MDL	0.239	0.579	1.69	26.2	499
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	24.2	36.6	67.9	1,010	7,360
	Urban	108	<MDL	24.1	34.8	72.0	1,280	7,360
	Rural	17	7.61	32.9	42.2	48.5	75.0	75.0
	Low Income	39	11.4	27.9	48.5	82.3	2,870	3,200
	Mid/High Income	73	<MDL	21.7	29.4	45.7	384	5,020
	Home Children	69	<MDL	22.0	33.5	64.6	976	7,360
	Day Care Children	56	11.4	25.1	42.2	68.4	2,160	3,200
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	0.719	1.59	5.73	141	5,660
	Urban	103	<MDL	0.733	1.76	8.13	158	5,660
	Rural	17	0.286	0.462	1.13	1.70	5.40	5.40
	Low Income	38	<MDL	1.05	2.65	10.3	158	1,640
	Mid/High Income	69	<MDL	0.646	1.31	2.88	81.0	3,720
	Home Children	63	<MDL	0.632	1.42	6.13	160	5,660
	Day Care Children	57	<MDL	0.785	1.90	5.55	86.2	1,640
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	0.050	0.076	0.153	2.61	17.6
	Urban	108	<MDL	0.050	0.073	0.161	2.96	17.6
	Rural	17	0.018	0.057	0.085	0.103	0.198	0.198
	Low Income	39	0.013	0.052	0.094	0.214	6.04	6.33
	Mid/High Income	73	<MDL	0.046	0.067	0.101	0.628	9.09
	Home Children	69	<MDL	0.047	0.073	0.133	1.92	17.6
	Day Care Children	56	0.013	0.052	0.077	0.162	4.29	6.33
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	0.002	0.003	0.012	0.266	13.5
	Urban	103	<MDL	0.002	0.004	0.016	0.315	13.5
	Rural	17	0.001	0.001	0.002	0.003	0.009	0.009
	Low Income	38	<MDL	0.002	0.007	0.017	0.441	2.20
	Mid/High Income	69	<MDL	0.002	0.003	0.007	0.203	7.99
	Home Children	63	<MDL	0.001	0.003	0.013	0.315	13.5
	Day Care Children	57	<MDL	0.002	0.003	0.012	0.203	2.20
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	0.166	0.251	0.504	8.57	57.9
	Urban	108	<MDL	0.163	0.239	0.528	9.73	57.9
	Rural	17	0.058	0.188	0.280	0.339	0.651	0.651
	Low Income	39	0.042	0.170	0.310	0.705	19.8	20.8
	Mid/High Income	73	<MDL	0.152	0.220	0.332	2.06	29.9
	Home Children	69	<MDL	0.154	0.241	0.436	6.32	57.9
	Day Care Children	56	0.042	0.170	0.252	0.534	14.1	20.8
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	0.005	0.010	0.039	0.875	44.5
	Urban	103	<MDL	0.005	0.012	0.054	1.04	44.5
	Rural	17	0.002	0.003	0.008	0.011	0.029	0.029
	Low Income	38	<MDL	0.006	0.023	0.055	1.45	7.22
	Mid/High Income	69	<MDL	0.005	0.009	0.024	0.668	26.2
	Home Children	63	<MDL	0.005	0.010	0.042	1.04	44.5
	Day Care Children	57	<MDL	0.006	0.010	0.039	0.668	7.22

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-15a. Dibenzo[*a,h*]anthracene (53-70-3): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	9.82	21.4	3.93	1.24
	Urban	102	100.0	10.7	22.6	4.60	1.16
	Rural	17	100.0	4.47	10.4	1.55	1.30
	Low Income	38	100.0	6.71	9.38	3.55	1.11
	Mid/High Income	68	100.0	12.6	27.1	4.27	1.37
	Home Children	62	100.0	8.09	15.1	3.44	1.24
	Day Care Children	57	100.0	11.7	26.6	4.56	1.22
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	35.3	76.8	14.1	1.24
	Urban	102	100.0	38.5	81.2	16.5	1.16
	Rural	17	100.0	16.1	37.4	5.57	1.30
	Low Income	38	100.0	24.1	33.7	12.8	1.11
	Mid/High Income	68	100.0	45.2	97.4	15.3	1.37
	Home Children	62	100.0	29.1	54.2	12.3	1.24
	Day Care Children	57	100.0	42.0	95.5	16.4	1.22
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.069	0.157	0.027	1.26
	Urban	102	100.0	0.076	0.167	0.031	1.19
	Rural	17	100.0	0.028	0.063	0.010	1.26
	Low Income	38	100.0	0.045	0.063	0.024	1.10
	Mid/High Income	68	100.0	0.090	0.200	0.030	1.40
	Home Children	62	100.0	0.062	0.126	0.024	1.28
	Day Care Children	57	100.0	0.077	0.186	0.030	1.23
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	39	2.6	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	56	1.8	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	0.248	0.564	0.096	1.26
	Urban	102	100.0	0.272	0.599	0.113	1.19
	Rural	17	100.0	0.101	0.228	0.037	1.26
	Low Income	38	100.0	0.161	0.227	0.085	1.10
	Mid/High Income	68	100.0	0.323	0.719	0.106	1.40
	Home Children	62	100.0	0.222	0.454	0.087	1.28
	Day Care Children	57	100.0	0.276	0.667	0.108	1.23

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-15b. Dibenzo[*a,h*]anthracene (53-70-3): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	3.18
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	3.18
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	3.18
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	3.18
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	0.176	1.72	3.87	6.96	48.6	165
	Urban	102	0.318	2.10	4.56	8.25	48.6	165
	Rural	17	0.176	0.534	1.24	2.42	44.0	44.0
	Low Income	38	0.534	1.66	2.75	8.25	27.6	48.6
	Mid/High Income	68	0.176	1.85	4.44	7.28	75.0	165
	Home Children	62	0.176	1.72	3.44	6.04	26.5	78.3
	Day Care Children	57	0.318	1.91	4.81	8.32	48.6	165
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	11.4
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	11.4
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	11.4
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	11.4
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	0.633	6.19	13.9	25.0	175	592
	Urban	102	1.14	7.55	16.4	29.6	175	592
	Rural	17	0.633	1.92	4.44	8.68	158	158
	Low Income	38	1.92	5.96	9.88	29.6	99.1	175
	Mid/High Income	68	0.633	6.66	16.0	26.1	269	592
	Home Children	62	0.633	6.19	12.4	21.7	95.3	281
	Day Care Children	57	1.14	6.85	17.3	29.9	175	592
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.024
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.024
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.024
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.024
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.001	0.012	0.027	0.050	0.315	1.30
	Urban	102	0.002	0.014	0.029	0.054	0.315	1.30
	Rural	17	0.001	0.005	0.009	0.021	0.270	0.270
	Low Income	38	0.003	0.012	0.020	0.048	0.200	0.315
	Mid/High Income	68	0.001	0.012	0.028	0.058	0.515	1.30
	Home Children	62	0.001	0.009	0.022	0.041	0.214	0.701
	Day Care Children	57	0.002	0.012	0.029	0.054	0.315	1.30
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.087
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.087
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	39	<MDL	<MDL	<MDL	<MDL	<MDL	0.087
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	56	<MDL	<MDL	<MDL	<MDL	<MDL	0.087
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.005	0.043	0.096	0.178	1.13	4.66
	Urban	102	0.006	0.052	0.104	0.194	1.13	4.66
	Rural	17	0.005	0.017	0.033	0.076	0.968	0.968
	Low Income	38	0.009	0.044	0.071	0.174	0.718	1.13
	Mid/High Income	68	0.005	0.043	0.100	0.209	1.85	4.66
	Home Children	62	0.005	0.033	0.079	0.146	0.770	2.52
	Day Care Children	57	0.006	0.044	0.104	0.194	1.13	4.66

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-16a. Di-*n*-butylphthalate (84-74-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	124	97.6	2,890	1,370	2,570	0.508
	Urban	107	97.2	2,800	1,350	2,480	0.517
	Rural	17	100.0	3,500	1,390	3,260	0.380
	Low Income	38	92.1	2,950	1,580	2,570	0.546
	Mid/High Income	73	100.0	2,750	1,170	2,480	0.484
	Home Children	69	100.0	2,750	1,310	2,420	0.550
	Day Care Children	55	94.5	3,070	1,440	2,790	0.442
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	100.0	165	136	127	0.716
	Urban	100	100.0	173	140	136	0.703
	Rural	16	100.0	109	85.4	86.4	0.698
	Low Income	38	100.0	176	126	137	0.751
	Mid/High Income	66	100.0	155	145	120	0.689
	Home Children	61	100.0	169	129	130	0.750
	Day Care Children	55	100.0	160	144	125	0.683
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	124	97.6	10,400	4,930	9,250	0.508
	Urban	107	97.2	10,000	4,850	8,900	0.517
	Rural	17	100.0	12,600	4,990	11,700	0.380
	Low Income	38	92.1	10,600	5,670	9,230	0.546
	Mid/High Income	73	100.0	9,890	4,220	8,920	0.484
	Home Children	69	100.0	9,890	4,690	8,680	0.550
	Day Care Children	55	94.5	11,000	5,190	10,000	0.442
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	100.0	591	488	458	0.716
	Urban	100	100.0	623	504	487	0.703
	Rural	16	100.0	393	307	310	0.698
	Low Income	38	100.0	633	454	493	0.751
	Mid/High Income	66	100.0	558	520	431	0.689
	Home Children	61	100.0	606	462	466	0.750
	Day Care Children	55	100.0	575	518	450	0.683
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	97.6	20.4	11.5	17.5	0.575
	Urban	107	97.2	19.8	11.6	16.9	0.588
	Rural	17	100.0	23.9	10.6	21.8	0.443
	Low Income	38	92.1	21.3	15.3	17.3	0.677
	Mid/High Income	73	100.0	19.4	9.20	17.1	0.534
	Home Children	69	100.0	19.5	9.50	16.9	0.578
	Day Care Children	55	94.5	21.5	13.6	18.3	0.573
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	100.0	1.17	1.03	0.872	0.764
	Urban	100	100.0	1.24	1.07	0.933	0.753
	Rural	16	100.0	0.734	0.641	0.569	0.711
	Low Income	38	100.0	1.24	1.06	0.910	0.805
	Mid/High Income	66	100.0	1.12	1.04	0.843	0.728
	Home Children	61	100.0	1.22	1.04	0.914	0.762
	Day Care Children	55	100.0	1.12	1.02	0.827	0.769
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	97.6	73.2	41.2	63.0	0.575
	Urban	107	97.2	71.2	41.5	60.9	0.588
	Rural	17	100.0	85.8	38.1	78.3	0.443
	Low Income	38	92.1	76.4	54.9	62.1	0.677
	Mid/High Income	73	100.0	69.7	33.1	61.4	0.534
	Home Children	69	100.0	70.1	34.1	60.8	0.578
	Day Care Children	55	94.5	77.1	48.8	65.9	0.573
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	100.0	4.20	3.71	3.13	0.764
	Urban	100	100.0	4.45	3.83	3.35	0.753
	Rural	16	100.0	2.64	2.30	2.04	0.711
	Low Income	38	100.0	4.45	3.82	3.27	0.805
	Mid/High Income	66	100.0	4.01	3.75	3.03	0.728
	Home Children	61	100.0	4.38	3.75	3.29	0.762
	Day Care Children	55	100.0	4.01	3.68	2.97	0.769

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-16b. Di-*n*-butylphthalate (84-74-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	124	<MDL	1,860	2,730	3,640	5,190	8,430
	Urban	107	<MDL	1,790	2,700	3,610	5,170	8,430
	Rural	17	1,670	2,640	3,190	4,280	7,080	7,080
	Low Income	38	<MDL	1,920	2,780	3,650	6,300	8,430
	Mid/High Income	73	459	1,830	2,660	3,540	4,930	6,220
	Home Children	69	459	1,750	2,700	3,540	5,170	6,220
	Day Care Children	55	<MDL	1,990	2,740	3,700	6,300	8,430
Potential Exposure via Indirect Ingestion (ng/day)	Overall	116	19.7	83.6	127	188	482	970
	Urban	100	19.7	90.8	134	206	489	970
	Rural	16	26.7	56.3	91.3	115	317	317
	Low Income	38	19.7	92.1	136	223	497	505
	Mid/High Income	66	23.6	77.2	124	174	452	970
	Home Children	61	23.6	85.1	132	186	482	543
	Day Care Children	55	19.7	82.2	113	190	360	970
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	124	<MDL	6,670	9,810	13,100	18,700	30,300
	Urban	107	<MDL	6,420	9,720	13,000	18,600	30,300
	Rural	17	5,990	9,500	11,500	15,400	25,400	25,400
	Low Income	38	<MDL	6,900	10,000	13,100	22,600	30,300
	Mid/High Income	73	1,650	6,560	9,550	12,700	17,700	22,400
	Home Children	69	1,650	6,300	9,680	12,700	18,600	22,400
	Day Care Children	55	<MDL	7,130	9,860	13,300	22,600	30,300
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	116	70.9	301	458	674	1,730	3,490
	Urban	100	70.9	326	481	741	1,760	3,490
	Rural	16	95.9	202	328	412	1,140	1,140
	Low Income	38	70.9	331	488	801	1,790	1,820
	Mid/High Income	66	84.8	277	445	624	1,620	3,490
	Home Children	61	84.8	306	473	668	1,730	1,950
	Day Care Children	55	70.9	295	407	681	1,290	3,490
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	124	<MDL	12.8	18.7	27.0	37.0	92.8
	Urban	107	<MDL	12.3	18.2	26.5	36.6	92.8
	Rural	17	10.2	15.0	20.1	31.4	44.5	44.5
	Low Income	38	<MDL	12.4	19.0	27.7	41.3	92.8
	Mid/High Income	73	4.39	12.4	17.9	26.5	36.1	42.0
	Home Children	69	2.93	12.3	18.9	26.5	36.1	41.3
	Day Care Children	55	<MDL	13.2	18.4	27.1	42.0	92.8
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	116	0.126	0.534	0.856	1.32	3.08	6.04
	Urban	100	0.126	0.606	0.945	1.33	3.15	6.04
	Rural	16	0.175	0.380	0.551	0.792	2.79	2.79
	Low Income	38	0.126	0.575	0.863	1.59	3.71	4.91
	Mid/High Income	66	0.173	0.495	0.811	1.22	2.92	6.04
	Home Children	61	0.173	0.629	0.940	1.33	3.07	5.34
	Day Care Children	55	0.126	0.495	0.807	1.32	3.08	6.04
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	124	<MDL	46.0	67.1	97.1	133	334
	Urban	107	<MDL	44.2	65.5	95.3	131	334
	Rural	17	36.7	53.8	72.1	113	160	160
	Low Income	38	<MDL	44.7	68.4	99.4	148	334
	Mid/High Income	73	15.8	44.5	64.2	95.3	130	151
	Home Children	69	10.5	44.2	68.1	95.3	130	148
	Day Care Children	55	<MDL	47.3	66.1	97.5	151	334
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	116	0.454	1.92	3.08	4.73	11.0	21.7
	Urban	100	0.454	2.18	3.39	4.78	11.3	21.7
	Rural	16	0.629	1.37	1.98	2.85	10.0	10.0
	Low Income	38	0.454	2.07	3.10	5.72	13.3	17.6
	Mid/High Income	66	0.623	1.78	2.91	4.39	10.5	21.7
	Home Children	61	0.623	2.26	3.38	4.78	11.0	19.2
	Day Care Children	55	0.454	1.78	2.90	4.73	11.0	21.7

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-17a. *p,p'*-DDE (72-55-9): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	36.0	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	37.0	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	35.7	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	63.3	0.340	0.542	0.165	1.19
	Urban	103	62.1	0.370	0.577	0.178	1.22
	Rural	17	70.6	0.153	0.141	0.104	0.918
	Low Income	38	68.4	0.378	0.412	0.198	1.25
	Mid/High Income	69	63.8	0.269	0.309	0.157	1.05
	Home Children	63	63.5	0.379	0.660	0.181	1.19
	Day Care Children	57	63.2	0.295	0.374	0.149	1.20
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	36.0	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	37.0	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	35.7	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	63.3	1.07	1.71	0.519	1.19
	Urban	103	62.1	1.16	1.82	0.560	1.22
	Rural	17	70.6	0.480	0.442	0.326	0.918
	Low Income	38	68.4	1.19	1.30	0.621	1.25
	Mid/High Income	69	63.8	0.846	0.971	0.494	1.05
	Home Children	63	63.5	1.19	2.07	0.570	1.19
	Day Care Children	57	63.2	0.929	1.18	0.467	1.20
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	36.0	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	37.0	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	35.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	63.3	0.002	0.003	0.001	1.19
	Urban	103	62.1	0.002	0.004	0.001	1.21
	Rural	17	70.6	0.001	0.001	0.001	0.980
	Low Income	38	68.4	0.002	0.002	0.001	1.19
	Mid/High Income	69	63.8	0.002	0.002	0.001	1.09
	Home Children	63	63.5	0.003	0.004	0.001	1.16
	Day Care Children	57	63.2	0.002	0.002	0.001	1.22
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	36.0	--	--	--	--
	Urban	108	36.1	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	37.0	--	--	--	--
	Home Children	69	36.2	--	--	--	--
	Day Care Children	56	35.7	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	63.3	0.007	0.011	0.004	1.19
	Urban	103	62.1	0.008	0.011	0.004	1.21
	Rural	17	70.6	0.003	0.003	0.002	0.980
	Low Income	38	68.4	0.007	0.007	0.004	1.19
	Mid/High Income	69	63.8	0.006	0.008	0.003	1.09
	Home Children	63	63.5	0.008	0.013	0.004	1.16
	Day Care Children	57	63.2	0.006	0.007	0.003	1.22

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-17b. *p,p'*-DDE (72-55-9): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	1.43	4.27	22.2
	Urban	108	<MDL	<MDL	<MDL	1.45	4.27	22.2
	Rural	17	<MDL	<MDL	<MDL	0.967	5.70	5.70
	Low Income	39	<MDL	<MDL	<MDL	1.92	3.49	22.2
	Mid/High Income	73	<MDL	<MDL	<MDL	1.35	4.50	5.78
	Home Children	69	<MDL	<MDL	<MDL	1.80	5.70	22.2
	Day Care Children	56	<MDL	<MDL	<MDL	1.10	2.66	3.49
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	<MDL	<MDL	0.174	0.400	1.19	4.76
	Urban	103	<MDL	<MDL	0.177	0.440	1.19	4.76
	Rural	17	<MDL	<MDL	0.071	0.218	0.559	0.559
	Low Income	38	<MDL	<MDL	0.269	0.494	1.27	1.79
	Mid/High Income	69	<MDL	<MDL	0.175	0.336	1.01	1.54
	Home Children	63	<MDL	<MDL	0.211	0.380	1.18	4.76
	Day Care Children	57	<MDL	<MDL	0.156	0.404	1.19	1.79
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	4.48	13.4	69.7
	Urban	108	<MDL	<MDL	<MDL	4.57	13.4	69.7
	Rural	17	<MDL	<MDL	<MDL	3.04	17.9	17.9
	Low Income	39	<MDL	<MDL	<MDL	6.04	11.0	69.7
	Mid/High Income	73	<MDL	<MDL	<MDL	4.26	14.2	18.2
	Home Children	69	<MDL	<MDL	<MDL	5.66	17.9	69.7
	Day Care Children	56	<MDL	<MDL	<MDL	3.47	8.38	11.0
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	<MDL	<MDL	0.546	1.26	3.73	15.0
	Urban	103	<MDL	<MDL	0.556	1.38	3.75	15.0
	Rural	17	<MDL	<MDL	0.222	0.687	1.76	1.76
	Low Income	38	<MDL	<MDL	0.847	1.55	4.00	5.63
	Mid/High Income	69	<MDL	<MDL	0.551	1.06	3.18	4.86
	Home Children	63	<MDL	<MDL	0.664	1.19	3.72	15.0
	Day Care Children	57	<MDL	<MDL	0.491	1.27	3.75	5.63
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.010	0.032	0.136
	Urban	108	<MDL	<MDL	<MDL	0.010	0.032	0.136
	Rural	17	<MDL	<MDL	<MDL	0.007	0.043	0.043
	Low Income	39	<MDL	<MDL	<MDL	0.013	0.038	0.136
	Mid/High Income	73	<MDL	<MDL	<MDL	0.010	0.032	0.043
	Home Children	69	<MDL	<MDL	<MDL	0.011	0.033	0.136
	Day Care Children	56	<MDL	<MDL	<MDL	0.008	0.021	0.038
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	<MDL	<MDL	0.001	0.003	0.008	0.027
	Urban	103	<MDL	<MDL	0.001	0.003	0.008	0.027
	Rural	17	<MDL	<MDL	0.001	0.001	0.004	0.004
	Low Income	38	<MDL	<MDL	0.001	0.004	0.008	0.008
	Mid/High Income	69	<MDL	<MDL	0.001	0.002	0.007	0.014
	Home Children	63	<MDL	<MDL	0.001	0.002	0.008	0.027
	Day Care Children	57	<MDL	<MDL	0.001	0.003	0.008	0.010
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.031	0.102	0.426
	Urban	108	<MDL	<MDL	<MDL	0.031	0.102	0.426
	Rural	17	<MDL	<MDL	<MDL	0.022	0.136	0.136
	Low Income	39	<MDL	<MDL	<MDL	0.041	0.121	0.426
	Mid/High Income	73	<MDL	<MDL	<MDL	0.030	0.102	0.136
	Home Children	69	<MDL	<MDL	<MDL	0.034	0.105	0.426
	Day Care Children	56	<MDL	<MDL	<MDL	0.025	0.065	0.121
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	<MDL	<MDL	0.004	0.009	0.025	0.086
	Urban	103	<MDL	<MDL	0.004	0.010	0.025	0.086
	Rural	17	<MDL	<MDL	0.002	0.004	0.013	0.013
	Low Income	38	<MDL	<MDL	0.005	0.012	0.024	0.025
	Mid/High Income	69	<MDL	<MDL	0.004	0.007	0.023	0.044
	Home Children	63	<MDL	<MDL	0.004	0.008	0.024	0.086
	Day Care Children	57	<MDL	<MDL	0.002	0.009	0.025	0.032

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-18a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	112	65.2	4.01	4.07	2.79	0.791
	Urban	99	64.6	3.82	3.94	2.69	0.766
	Rural	13	69.2	5.45	4.92	3.66	0.949
	Low Income	36	52.8	2.79	2.52	2.18	0.635
	Mid/High Income	67	68.7	4.55	4.38	3.13	0.831
	Home Children	63	66.7	5.08	4.65	3.49	0.862
	Day Care Children	49	63.3	2.63	2.65	2.09	0.580
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	48.0	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	48.8	--	--	--	--
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	49.3	--	--	--	--
	Day Care Children	58	46.6	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	95.8	13.7	50.4	3.16	1.65
	Urban	103	95.1	14.9	54.0	3.39	1.68
	Rural	16	100.0	5.69	10.3	2.03	1.42
	Low Income	38	89.5	2.67	4.16	1.26	1.41
	Mid/High Income	68	98.5	19.9	65.7	4.89	1.59
	Home Children	62	98.4	17.1	67.2	3.82	1.60
	Day Care Children	57	93.0	10.0	20.3	2.58	1.70
Potential Exposure – Aggregated (ng/day)	Overall	106	99.1	278	393	166	0.935
	Urban	94	98.9	288	413	167	0.958
	Rural	12	100.0	201	167	153	0.759
	Low Income	34	97.1	185	217	122	0.890
	Mid/High Income	63	100.0	331	476	189	0.951
	Home Children	58	98.3	370	487	225	0.908
	Day Care Children	48	100.0	167	187	115	0.835
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	112	65.2	18.1	18.4	12.6	0.791
	Urban	99	64.6	17.3	17.8	12.2	0.766
	Rural	13	69.2	24.6	22.2	16.6	0.949
	Low Income	36	52.8	12.6	11.4	9.87	0.635
	Mid/High Income	67	68.7	20.6	19.8	14.2	0.831
	Home Children	63	66.7	23.0	21.0	15.8	0.862
	Day Care Children	49	63.3	11.9	12.0	9.44	0.580
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	48.0	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	48.8	--	--	--	--
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	49.3	--	--	--	--
	Day Care Children	58	46.6	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	95.8	61.9	228	14.3	1.65
	Urban	103	95.1	67.5	244	15.3	1.68
	Rural	16	100.0	25.7	46.8	9.18	1.42
	Low Income	38	89.5	12.1	18.8	5.72	1.41
	Mid/High Income	68	98.5	90.1	297	22.1	1.59
	Home Children	62	98.4	77.1	304	17.3	1.60
	Day Care Children	57	93.0	45.3	91.9	11.7	1.70
Potential Exposure – Aggregated (pmoles/day)	Overall	106	99.1	1,260	1,780	750	0.935
	Urban	94	98.9	1,300	1,870	757	0.958
	Rural	12	100.0	910	757	693	0.759
	Low Income	34	97.1	838	981	550	0.890
	Mid/High Income	63	100.0	1,500	2,150	857	0.951
	Home Children	58	98.3	1,670	2,200	1,020	0.908
	Day Care Children	48	100.0	756	844	518	0.835

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table O-18b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	112	<MDL	<MDL	1.95	5.63	13.4	19.2
	Urban	99	<MDL	<MDL	1.93	4.51	13.4	19.2
	Rural	13	<MDL	<MDL	3.68	7.20	17.5	17.5
	Low Income	36	<MDL	<MDL	1.54	3.14	7.86	13.1
	Mid/High Income	67	<MDL	<MDL	2.18	7.08	14.3	19.2
	Home Children	63	<MDL	<MDL	2.81	7.47	14.3	19.2
	Day Care Children	49	<MDL	<MDL	1.60	2.35	7.86	16.1
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	261	1,110	4,000
	Urban	110	<MDL	<MDL	<MDL	261	1,110	2,530
	Rural	17	<MDL	<MDL	<MDL	255	4,000	4,000
	Low Income	41	<MDL	<MDL	<MDL	223	513	1,160
	Mid/High Income	73	<MDL	<MDL	<MDL	261	1,740	4,000
	Home Children	69	<MDL	<MDL	<MDL	319	1,740	4,000
	Day Care Children	58	<MDL	<MDL	<MDL	172	392	1,160
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	1.19	2.90	7.76	49.6	528
	Urban	103	<MDL	1.32	3.19	9.42	49.6	528
	Rural	16	0.162	0.854	1.63	4.42	38.5	38.5
	Low Income	38	<MDL	0.728	1.44	3.31	7.76	24.9
	Mid/High Income	68	<MDL	1.71	4.95	16.3	65.2	528
	Home Children	62	<MDL	1.54	3.89	11.2	43.2	528
	Day Care Children	57	<MDL	1.05	2.22	5.39	49.6	121
Potential Exposure – Aggregated (ng/day)	Overall	106	<MDL	92.5	147	269	1,140	2,540
	Urban	94	<MDL	92.5	147	274	1,160	2,540
	Rural	12	54.9	91.3	125	250	621	621
	Low Income	34	<MDL	58.5	113	230	598	1,160
	Mid/High Income	63	35.6	106	149	299	1,410	2,540
	Home Children	58	<MDL	121	169	332	1,820	2,540
	Day Care Children	48	29.7	57.2	106	206	401	1,160
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	112	<MDL	<MDL	8.82	25.5	60.7	86.6
	Urban	99	<MDL	<MDL	8.75	20.4	60.7	86.6
	Rural	13	<MDL	<MDL	16.6	32.6	79.1	79.1
	Low Income	36	<MDL	<MDL	6.98	14.2	35.6	59.1
	Mid/High Income	67	<MDL	<MDL	9.87	32.0	64.5	86.6
	Home Children	63	<MDL	<MDL	12.7	33.8	64.5	86.6
	Day Care Children	49	<MDL	<MDL	7.25	10.6	35.6	73.0
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	1,180	5,010	18,100
	Urban	110	<MDL	<MDL	<MDL	1,180	5,010	11,400
	Rural	17	<MDL	<MDL	<MDL	1,150	18,100	18,100
	Low Income	41	<MDL	<MDL	<MDL	1,010	2,320	5,240
	Mid/High Income	73	<MDL	<MDL	<MDL	1,180	7,890	18,100
	Home Children	69	<MDL	<MDL	<MDL	1,440	7,890	18,100
	Day Care Children	58	<MDL	<MDL	<MDL	779	1,770	5,240
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	5.36	13.1	35.1	225	2,390
	Urban	103	<MDL	5.98	14.4	42.6	225	2,390
	Rural	16	0.732	3.86	7.35	20.0	174	174
	Low Income	38	<MDL	3.29	6.52	15.0	35.1	113
	Mid/High Income	68	<MDL	7.75	22.4	73.7	295	2,390
	Home Children	62	<MDL	6.98	17.6	50.6	195	2,390
	Day Care Children	57	<MDL	4.73	10.0	24.4	225	548
Potential Exposure – Aggregated (pmoles/day)	Overall	106	<MDL	419	663	1,220	5,160	11,500
	Urban	94	<MDL	419	665	1,240	5,260	11,500
	Rural	12	248	413	564	1,130	2,810	2,810
	Low Income	34	<MDL	265	512	1,040	2,710	5,260
	Mid/High Income	63	161	479	675	1,350	6,390	11,500
	Home Children	58	<MDL	545	764	1,500	8,240	11,500
	Day Care Children	48	134	259	477	933	1,810	5,260

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table O-18c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimates of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	112	65.2	0.028	0.031	0.019	0.848
	Urban	99	64.6	0.027	0.030	0.018	0.838
	Rural	13	69.2	0.036	0.035	0.025	0.912
	Low Income	36	52.8	0.019	0.023	0.014	0.661
	Mid/High Income	67	68.7	0.033	0.034	0.021	0.905
	Home Children	63	66.7	0.036	0.035	0.024	0.887
	Day Care Children	49	63.3	0.018	0.021	0.013	0.661
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	48.0	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	48.8	--	--	--	--
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	49.3	--	--	--	--
	Day Care Children	58	46.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	95.8	0.098	0.368	0.022	1.68
	Urban	103	95.1	0.107	0.394	0.023	1.71
	Rural	16	100.0	0.037	0.065	0.014	1.42
	Low Income	38	89.5	0.018	0.028	0.008	1.42
	Mid/High Income	68	98.5	0.145	0.479	0.034	1.62
	Home Children	62	98.4	0.122	0.486	0.027	1.62
	Day Care Children	57	93.0	0.072	0.160	0.017	1.73
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	106	99.1	1.97	2.96	1.12	0.975
	Urban	94	98.9	2.04	3.11	1.13	0.997
	Rural	12	100.0	1.42	1.27	1.03	0.813
	Low Income	34	97.1	1.25	1.60	0.793	0.915
	Mid/High Income	63	100.0	2.41	3.58	1.31	1.00
	Home Children	58	98.3	2.69	3.65	1.59	0.942
	Day Care Children	48	100.0	1.10	1.40	0.732	0.844
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	112	65.2	0.128	0.140	0.085	0.848
	Urban	99	64.6	0.123	0.138	0.082	0.838
	Rural	13	69.2	0.164	0.158	0.111	0.912
	Low Income	36	52.8	0.087	0.102	0.064	0.661
	Mid/High Income	67	68.7	0.149	0.153	0.097	0.905
	Home Children	63	66.7	0.164	0.159	0.110	0.887
	Day Care Children	49	63.3	0.081	0.093	0.060	0.661
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	48.0	--	--	--	--
	Urban	110	48.2	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	41	48.8	--	--	--	--
	Mid/High Income	73	45.2	--	--	--	--
	Home Children	69	49.3	--	--	--	--
	Day Care Children	58	46.6	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	95.8	0.443	1.66	0.098	1.68
	Urban	103	95.1	0.486	1.78	0.105	1.71
	Rural	16	100.0	0.167	0.292	0.061	1.42
	Low Income	38	89.5	0.084	0.128	0.038	1.42
	Mid/High Income	68	98.5	0.656	2.17	0.154	1.62
	Home Children	62	98.4	0.551	2.20	0.122	1.62
	Day Care Children	57	93.0	0.325	0.723	0.077	1.73
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	106	99.1	8.93	13.4	5.06	0.975
	Urban	94	98.9	9.25	14.1	5.11	0.997
	Rural	12	100.0	6.40	5.73	4.68	0.813
	Low Income	34	97.1	5.67	7.25	3.59	0.915
	Mid/High Income	63	100.0	10.9	16.2	5.93	1.00
	Home Children	58	98.3	12.2	16.5	7.18	0.942
	Day Care Children	48	100.0	4.98	6.33	3.31	0.844

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-18d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	112	<MDL	<MDL	0.015	0.035	0.108	0.145
	Urban	99	<MDL	<MDL	0.015	0.033	0.108	0.145
	Rural	13	<MDL	<MDL	0.024	0.052	0.130	0.130
	Low Income	36	<MDL	<MDL	0.011	0.018	0.057	0.133
	Mid/High Income	67	<MDL	<MDL	0.017	0.051	0.121	0.145
	Home Children	63	<MDL	<MDL	0.021	0.051	0.121	0.145
	Day Care Children	49	<MDL	<MDL	0.011	0.017	0.062	0.127
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	1.75	8.14	19.2
	Urban	110	<MDL	<MDL	<MDL	1.63	8.14	19.2
	Rural	17	<MDL	<MDL	<MDL	1.97	18.8	18.8
	Low Income	41	<MDL	<MDL	<MDL	1.43	3.85	8.85
	Mid/High Income	73	<MDL	<MDL	<MDL	1.83	12.3	19.2
	Home Children	69	<MDL	<MDL	<MDL	2.34	12.3	19.2
	Day Care Children	58	<MDL	<MDL	<MDL	1.39	3.15	8.85
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	0.008	0.021	0.054	0.351	3.83
	Urban	103	<MDL	0.008	0.022	0.064	0.351	3.83
	Rural	16	0.001	0.005	0.011	0.032	0.242	0.242
	Low Income	38	<MDL	0.004	0.009	0.024	0.053	0.165
	Mid/High Income	68	<MDL	0.011	0.032	0.114	0.502	3.83
	Home Children	62	<MDL	0.010	0.026	0.090	0.257	3.83
	Day Care Children	57	<MDL	0.006	0.017	0.038	0.434	0.967
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	106	<MDL	0.589	0.978	1.83	8.37	19.3
	Urban	94	<MDL	0.613	0.989	1.82	8.89	19.3
	Rural	12	0.388	0.501	0.917	1.98	4.72	4.72
	Low Income	34	<MDL	0.359	0.751	1.73	3.87	8.89
	Mid/High Income	63	0.246	0.644	1.01	1.98	11.0	19.3
	Home Children	58	<MDL	0.830	1.28	2.56	12.4	19.3
	Day Care Children	48	0.212	0.366	0.656	1.49	2.52	8.89
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	112	<MDL	<MDL	0.068	0.156	0.487	0.658
	Urban	99	<MDL	<MDL	0.067	0.150	0.487	0.658
	Rural	13	<MDL	<MDL	0.109	0.234	0.588	0.588
	Low Income	36	<MDL	<MDL	0.051	0.083	0.258	0.602
	Mid/High Income	67	<MDL	<MDL	0.079	0.229	0.548	0.658
	Home Children	63	<MDL	<MDL	0.096	0.233	0.548	0.658
	Day Care Children	49	<MDL	<MDL	0.050	0.079	0.282	0.574
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	7.92	36.8	86.9
	Urban	110	<MDL	<MDL	<MDL	7.36	36.8	86.9
	Rural	17	<MDL	<MDL	<MDL	8.92	84.9	84.9
	Low Income	41	<MDL	<MDL	<MDL	6.45	17.4	40.1
	Mid/High Income	73	<MDL	<MDL	<MDL	8.30	55.8	86.9
	Home Children	69	<MDL	<MDL	<MDL	10.6	55.8	86.9
	Day Care Children	58	<MDL	<MDL	<MDL	6.27	14.3	40.1
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	0.035	0.093	0.245	1.59	17.3
	Urban	103	<MDL	0.038	0.098	0.290	1.59	17.3
	Rural	16	0.005	0.023	0.051	0.144	1.09	1.09
	Low Income	38	<MDL	0.019	0.042	0.110	0.239	0.749
	Mid/High Income	68	<MDL	0.051	0.143	0.514	2.27	17.3
	Home Children	62	<MDL	0.045	0.120	0.406	1.16	17.3
	Day Care Children	57	<MDL	0.029	0.075	0.171	1.96	4.37
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	106	<MDL	2.67	4.42	8.28	37.9	87.4
	Urban	94	<MDL	2.77	4.47	8.25	40.2	87.4
	Rural	12	1.76	2.27	4.15	8.98	21.3	21.3
	Low Income	34	<MDL	1.62	3.40	7.84	17.5	40.2
	Mid/High Income	63	1.11	2.91	4.56	8.94	49.7	87.4
	Home Children	58	<MDL	3.76	5.78	11.6	56.3	87.4
	Day Care Children	48	0.957	1.66	2.97	6.76	11.4	40.2

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-19a. Indeno[1,2,3-*cd*]pyrene (193-39-5): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	33.9	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	100.0	48.8	114	18.2	1.25
	Urban	102	100.0	53.7	121	21.2	1.20
	Rural	17	100.0	19.6	43.8	7.47	1.20
	Low Income	38	100.0	33.0	54.5	16.0	1.15
	Mid/High Income	68	100.0	62.8	144	20.1	1.37
	Home Children	62	100.0	39.8	78.8	16.3	1.23
	Day Care Children	57	100.0	58.6	142	20.7	1.27
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	33.9	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	100.0	177	411	66.0	1.25
	Urban	102	100.0	194	438	76.6	1.20
	Rural	17	100.0	70.8	159	27.0	1.20
	Low Income	38	100.0	119	197	57.7	1.15
	Mid/High Income	68	100.0	227	520	72.6	1.37
	Home Children	62	100.0	144	285	58.9	1.23
	Day Care Children	57	100.0	212	516	74.8	1.27
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	33.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	100.0	0.344	0.840	0.124	1.28
	Urban	102	100.0	0.381	0.897	0.145	1.24
	Rural	17	100.0	0.123	0.267	0.050	1.17
	Low Income	38	100.0	0.220	0.363	0.106	1.14
	Mid/High Income	68	100.0	0.452	1.07	0.139	1.40
	Home Children	62	100.0	0.305	0.660	0.114	1.28
	Day Care Children	57	100.0	0.387	1.01	0.136	1.28
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	26.4	--	--	--	--
	Urban	108	29.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	39	43.6	--	--	--	--
	Mid/High Income	73	20.5	--	--	--	--
	Home Children	69	20.3	--	--	--	--
	Day Care Children	56	33.9	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	100.0	1.25	3.04	0.450	1.28
	Urban	102	100.0	1.38	3.24	0.524	1.24
	Rural	17	100.0	0.444	0.966	0.180	1.17
	Low Income	38	100.0	0.796	1.31	0.383	1.14
	Mid/High Income	68	100.0	1.64	3.87	0.504	1.40
	Home Children	62	100.0	1.10	2.39	0.414	1.28
	Day Care Children	57	100.0	1.40	3.64	0.492	1.28

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-19b. Indeno[1,2,3-*cd*]pyrene (193-39-5): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	1.11	2.02	10.1
	Urban	108	<MDL	<MDL	<MDL	1.11	2.12	10.1
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.87	1.87
	Low Income	39	<MDL	<MDL	<MDL	1.12	7.75	10.1
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	1.90	3.19
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1.90	7.75
	Day Care Children	56	<MDL	<MDL	<MDL	1.04	2.28	10.1
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	1.28	7.58	18.4	31.7	284	895
	Urban	102	1.28	9.67	20.3	36.3	284	895
	Rural	17	2.04	3.23	5.93	10.8	186	186
	Low Income	38	2.04	7.03	13.5	33.6	141	305
	Mid/High Income	68	1.28	8.08	20.3	34.0	396	895
	Home Children	62	1.83	7.04	16.0	25.2	132	403
	Day Care Children	57	1.28	8.18	21.7	36.3	305	895
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	4.03	7.31	36.5
	Urban	108	<MDL	<MDL	<MDL	4.02	7.68	36.5
	Rural	17	<MDL	<MDL	<MDL	<MDL	6.77	6.77
	Low Income	39	<MDL	<MDL	<MDL	4.06	28.0	36.5
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	6.88	11.5
	Home Children	69	<MDL	<MDL	<MDL	<MDL	6.88	28.0
	Day Care Children	56	<MDL	<MDL	<MDL	3.76	8.26	36.5
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	4.63	27.4	66.6	115	1,030	3,240
	Urban	102	4.63	35.0	73.3	131	1,030	3,240
	Rural	17	7.38	11.7	21.4	39.1	673	673
	Low Income	38	7.38	25.4	48.8	122	509	1,100
	Mid/High Income	68	4.63	29.2	73.3	123	1,430	3,240
	Home Children	62	6.61	25.5	57.7	91.2	477	1,460
	Day Care Children	57	4.63	29.6	78.6	131	1,100	3,240
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.007	0.014	0.077
	Urban	108	<MDL	<MDL	<MDL	0.008	0.015	0.077
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.012	0.012
	Low Income	39	<MDL	<MDL	<MDL	0.008	0.061	0.077
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	0.012	0.022
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.012	0.061
	Day Care Children	56	<MDL	<MDL	<MDL	0.007	0.018	0.077
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	0.007	0.052	0.114	0.227	1.97	7.04
	Urban	102	0.007	0.061	0.139	0.277	1.97	7.04
	Rural	17	0.013	0.024	0.042	0.095	1.14	1.14
	Low Income	38	0.013	0.052	0.079	0.223	1.02	1.97
	Mid/High Income	68	0.007	0.051	0.119	0.277	2.62	7.04
	Home Children	62	0.010	0.042	0.105	0.191	0.977	3.61
	Day Care Children	57	0.007	0.053	0.134	0.277	1.97	7.04
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.027	0.052	0.279
	Urban	108	<MDL	<MDL	<MDL	0.027	0.054	0.279
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.044	0.044
	Low Income	39	<MDL	<MDL	<MDL	0.029	0.221	0.279
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	0.042	0.078
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.044	0.221
	Day Care Children	56	<MDL	<MDL	<MDL	0.026	0.065	0.279
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	0.026	0.189	0.414	0.823	7.14	25.5
	Urban	102	0.026	0.221	0.502	1.00	7.14	25.5
	Rural	17	0.046	0.086	0.152	0.345	4.12	4.12
	Low Income	38	0.046	0.190	0.285	0.808	3.69	7.14
	Mid/High Income	68	0.026	0.184	0.432	1.00	9.49	25.5
	Home Children	62	0.037	0.152	0.380	0.693	3.54	13.1
	Day Care Children	57	0.026	0.192	0.484	1.00	7.14	25.5

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-20a. Pentachlorophenol (87-86-5): Estimates of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	102	92.2	50.0	86.8	27.4	0.988
	Urban	87	92.0	48.5	85.0	26.3	1.01
	Rural	15	93.3	58.7	99.6	35.0	0.861
	Low Income	32	90.6	28.8	26.7	21.9	0.685
	Mid/High Income	62	91.9	59.0	106	29.1	1.11
	Home Children	54	96.3	69.3	114	33.4	1.18
	Day Care Children	48	87.5	28.3	25.2	22.0	0.660
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	29.1	--	--	--	--
	Urban	110	32.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	26.8	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	95.8	2.59	4.78	1.40	1.09
	Urban	103	95.1	2.69	5.10	1.40	1.13
	Rural	16	100.0	1.96	1.62	1.42	0.842
	Low Income	38	97.4	2.36	2.64	1.43	1.06
	Mid/High Income	68	95.6	2.12	1.93	1.37	0.991
	Home Children	62	96.8	2.98	6.33	1.49	1.07
	Day Care Children	57	94.7	2.16	2.03	1.31	1.12
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	102	92.2	188	326	103	0.988
	Urban	87	92.0	182	319	98.7	1.01
	Rural	15	93.3	220	374	131	0.861
	Low Income	32	90.6	108	100	82.3	0.685
	Mid/High Income	62	91.9	222	398	109	1.11
	Home Children	54	96.3	260	428	125	1.18
	Day Care Children	48	87.5	106	94.6	82.4	0.660
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	29.1	--	--	--	--
	Urban	110	32.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	26.8	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	95.8	9.72	18.0	5.26	1.09
	Urban	103	95.1	10.1	19.1	5.25	1.13
	Rural	16	100.0	7.35	6.07	5.35	0.842
	Low Income	38	97.4	8.85	9.91	5.36	1.06
	Mid/High Income	68	95.6	7.97	7.25	5.16	0.991
	Home Children	62	96.8	11.2	23.8	5.60	1.07
	Day Care Children	57	94.7	8.11	7.61	4.91	1.12

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table O-20b. Pentachlorophenol (87-86-5): Range of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	102	<MDL	14.1	22.7	46.4	209	671
	Urban	87	<MDL	12.9	21.3	45.1	209	671
	Rural	15	<MDL	21.3	35.6	50.2	414	414
	Low Income	32	<MDL	12.7	19.0	32.8	95.3	125
	Mid/High Income	62	<MDL	14.1	25.4	54.9	248	671
	Home Children	54	<MDL	15.3	32.8	62.2	274	671
	Day Care Children	48	<MDL	12.7	19.0	33.9	72.4	125
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	<MDL	<MDL	149	290	947
	Urban	110	<MDL	<MDL	<MDL	152	316	947
	Rural	17	<MDL	<MDL	<MDL	<MDL	224	224
	Low Income	41	<MDL	<MDL	<MDL	113	170	192
	Mid/High Income	73	<MDL	<MDL	<MDL	172	472	947
	Home Children	69	<MDL	<MDL	<MDL	<MDL	374	520
	Day Care Children	58	<MDL	<MDL	<MDL	113	238	947
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	0.611	1.32	3.28	7.60	48.5
	Urban	103	<MDL	0.608	1.32	3.34	7.60	48.5
	Rural	16	0.318	0.852	1.35	2.60	5.70	5.70
	Low Income	38	<MDL	0.826	1.45	2.62	9.02	11.8
	Mid/High Income	68	<MDL	0.606	1.28	3.27	5.70	7.96
	Home Children	62	<MDL	0.683	1.32	2.86	7.96	48.5
	Day Care Children	57	<MDL	0.611	1.32	3.34	6.87	9.02
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	102	<MDL	52.8	85.1	174	783	2,520
	Urban	87	<MDL	48.6	80.1	169	783	2,520
	Rural	15	<MDL	80.0	134	188	1,550	1,550
	Low Income	32	<MDL	47.8	71.3	123	358	469
	Mid/High Income	62	<MDL	53.1	95.5	206	932	2,520
	Home Children	54	<MDL	57.5	123	234	1,030	2,520
	Day Care Children	48	<MDL	47.8	71.3	127	272	468
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	<MDL	<MDL	560	1,090	3,560
	Urban	110	<MDL	<MDL	<MDL	570	1,190	3,560
	Rural	17	<MDL	<MDL	<MDL	<MDL	842	842
	Low Income	41	<MDL	<MDL	<MDL	425	639	723
	Mid/High Income	73	<MDL	<MDL	<MDL	645	1,770	3,560
	Home Children	69	<MDL	<MDL	<MDL	<MDL	1,400	1,950
	Day Care Children	58	<MDL	<MDL	<MDL	424	895	3,560
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	2.29	4.97	12.3	28.5	182
	Urban	103	<MDL	2.28	4.97	12.5	28.5	182
	Rural	16	1.20	3.20	5.07	9.78	21.4	21.4
	Low Income	38	<MDL	3.10	5.46	9.82	33.9	44.3
	Mid/High Income	68	<MDL	2.28	4.82	12.3	21.4	29.9
	Home Children	62	<MDL	2.56	4.96	10.7	29.9	182
	Day Care Children	57	<MDL	2.29	4.97	12.5	25.8	33.9

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table O-20c. Pentachlorophenol (87-86-5): Estimates of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	102	92.2	0.374	0.807	0.184	1.06
	Urban	87	92.0	0.366	0.823	0.176	1.08
	Rural	15	93.3	0.419	0.736	0.235	0.929
	Low Income	32	90.6	0.209	0.240	0.140	0.843
	Mid/High Income	62	91.9	0.453	1.00	0.201	1.16
	Home Children	54	96.3	0.531	1.07	0.233	1.21
	Day Care Children	48	87.5	0.198	0.201	0.141	0.786
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	29.1	--	--	--	--
	Urban	110	32.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	26.8	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	95.8	0.019	0.038	0.010	1.15
	Urban	103	95.1	0.020	0.041	0.010	1.19
	Rural	16	100.0	0.014	0.013	0.010	0.917
	Low Income	38	97.4	0.018	0.025	0.009	1.13
	Mid/High Income	68	95.6	0.015	0.014	0.010	1.04
	Home Children	62	96.8	0.022	0.050	0.011	1.10
	Day Care Children	57	94.7	0.015	0.017	0.009	1.21
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	102	92.2	1.40	3.03	0.691	1.06
	Urban	87	92.0	1.38	3.09	0.663	1.08
	Rural	15	93.3	1.57	2.76	0.884	0.929
	Low Income	32	90.6	0.785	0.901	0.524	0.843
	Mid/High Income	62	91.9	1.70	3.77	0.753	1.16
	Home Children	54	96.3	1.99	4.03	0.876	1.21
	Day Care Children	48	87.5	0.744	0.753	0.530	0.786
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	29.1	--	--	--	--
	Urban	110	32.7	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	41	26.8	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	58	34.5	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	95.8	0.071	0.143	0.036	1.15
	Urban	103	95.1	0.074	0.153	0.036	1.19
	Rural	16	100.0	0.053	0.049	0.036	0.917
	Low Income	38	97.4	0.066	0.094	0.036	1.13
	Mid/High Income	68	95.6	0.057	0.054	0.036	1.04
	Home Children	62	96.8	0.084	0.189	0.039	1.10
	Day Care Children	57	94.7	0.058	0.063	0.032	1.21

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-20d. Pentachlorophenol (87-86-5): Range of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	102	<MDL	0.086	0.165	0.338	1.20	7.17
	Urban	87	<MDL	0.084	0.164	0.338	1.20	7.17
	Rural	15	<MDL	0.123	0.219	0.341	3.04	3.04
	Low Income	32	<MDL	0.072	0.127	0.201	0.972	0.982
	Mid/High Income	62	<MDL	0.098	0.173	0.392	1.85	7.17
	Home Children	54	<MDL	0.114	0.184	0.399	1.89	7.17
	Day Care Children	48	<MDL	0.077	0.127	0.218	0.628	1.06
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	<MDL	<MDL	1.08	1.99	8.69
	Urban	110	<MDL	<MDL	<MDL	1.14	2.23	8.69
	Rural	17	<MDL	<MDL	<MDL	<MDL	1.48	1.48
	Low Income	41	<MDL	<MDL	<MDL	0.746	1.18	1.83
	Mid/High Income	73	<MDL	<MDL	<MDL	1.22	3.33	8.69
	Home Children	69	<MDL	<MDL	<MDL	<MDL	3.29	3.95
	Day Care Children	58	<MDL	<MDL	<MDL	0.685	1.62	8.69
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	0.005	0.009	0.021	0.051	0.382
	Urban	103	<MDL	0.004	0.009	0.023	0.051	0.382
	Rural	16	0.002	0.005	0.009	0.017	0.042	0.042
	Low Income	38	<MDL	0.005	0.009	0.017	0.090	0.120
	Mid/High Income	68	<MDL	0.004	0.009	0.022	0.042	0.061
	Home Children	62	<MDL	0.005	0.009	0.020	0.051	0.382
	Day Care Children	57	<MDL	0.004	0.009	0.023	0.044	0.090
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	102	<MDL	0.323	0.619	1.27	4.49	26.9
	Urban	87	<MDL	0.314	0.615	1.27	4.49	26.9
	Rural	15	<MDL	0.463	0.823	1.28	11.4	11.4
	Low Income	32	<MDL	0.272	0.476	0.753	3.65	3.69
	Mid/High Income	62	<MDL	0.366	0.651	1.47	6.95	26.9
	Home Children	54	<MDL	0.426	0.690	1.50	7.08	26.9
	Day Care Children	48	<MDL	0.290	0.476	0.819	2.36	3.96
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	<MDL	<MDL	4.05	7.46	32.6
	Urban	110	<MDL	<MDL	<MDL	4.27	8.39	32.6
	Rural	17	<MDL	<MDL	<MDL	<MDL	5.56	5.56
	Low Income	41	<MDL	<MDL	<MDL	2.80	4.43	6.89
	Mid/High Income	73	<MDL	<MDL	<MDL	4.57	12.5	32.6
	Home Children	69	<MDL	<MDL	<MDL	<MDL	12.4	14.8
	Day Care Children	58	<MDL	<MDL	<MDL	2.57	6.09	32.6
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	0.017	0.034	0.080	0.190	1.43
	Urban	103	<MDL	0.016	0.034	0.086	0.190	1.43
	Rural	16	0.006	0.019	0.035	0.062	0.157	0.157
	Low Income	38	<MDL	0.018	0.035	0.064	0.339	0.452
	Mid/High Income	68	<MDL	0.015	0.034	0.081	0.158	0.229
	Home Children	62	<MDL	0.018	0.034	0.076	0.190	1.43
	Day Care Children	57	<MDL	0.016	0.034	0.086	0.167	0.339

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-21a. *cis*-Permethrin (61949-76-6): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	36.0	--	--	--	--
	Urban	108	31.5	--	--	--	--
	Rural	17	64.7	4.83	3.39	4.19	0.481
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	54.4	190	13.4	1.47
	Urban	103	100.0	39.0	93.8	12.2	1.42
	Rural	17	100.0	148	450	23.9	1.66
	Low Income	38	100.0	59.3	126	15.8	1.64
	Mid/High Income	69	100.0	29.7	68.0	11.4	1.27
	Home Children	63	100.0	30.7	71.0	11.9	1.24
	Day Care Children	57	100.0	80.7	265	15.3	1.68
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	36.0	--	--	--	--
	Urban	108	31.5	--	--	--	--
	Rural	17	64.7	12.3	8.67	10.7	0.481
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	139	486	34.2	1.47
	Urban	103	100.0	99.7	240	31.1	1.42
	Rural	17	100.0	378	1,150	61.0	1.66
	Low Income	38	100.0	152	321	40.3	1.64
	Mid/High Income	69	100.0	75.8	174	29.1	1.27
	Home Children	63	100.0	78.5	182	30.3	1.24
	Day Care Children	57	100.0	206	676	39.1	1.68
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	36.0	--	--	--	--
	Urban	108	31.5	--	--	--	--
	Rural	17	64.7	0.032	0.021	0.028	0.491
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	0.426	1.62	0.091	1.49
	Urban	103	100.0	0.303	0.873	0.083	1.44
	Rural	17	100.0	1.17	3.73	0.159	1.72
	Low Income	38	100.0	0.466	1.19	0.104	1.68
	Mid/High Income	69	100.0	0.226	0.606	0.079	1.28
	Home Children	63	100.0	0.232	0.628	0.083	1.25
	Day Care Children	57	100.0	0.641	2.24	0.101	1.73
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	36.0	--	--	--	--
	Urban	108	31.5	--	--	--	--
	Rural	17	64.7	0.082	0.052	0.071	0.491
	Low Income	39	41.0	--	--	--	--
	Mid/High Income	73	31.5	--	--	--	--
	Home Children	69	31.9	--	--	--	--
	Day Care Children	56	41.1	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	1.09	4.13	0.233	1.49
	Urban	103	100.0	0.774	2.23	0.212	1.44
	Rural	17	100.0	3.00	9.54	0.407	1.72
	Low Income	38	100.0	1.19	3.05	0.267	1.68
	Mid/High Income	69	100.0	0.577	1.55	0.202	1.28
	Home Children	63	100.0	0.592	1.60	0.213	1.25
	Day Care Children	57	100.0	1.64	5.73	0.257	1.73

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-21b. *cis*-Permethrin (61949-76-6): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	4.16	14.1	50.7
	Urban	108	<MDL	<MDL	<MDL	4.15	14.1	50.7
	Rural	17	<MDL	<MDL	3.38	4.16	14.4	14.4
	Low Income	39	<MDL	<MDL	<MDL	4.98	34.1	50.7
	Mid/High Income	73	<MDL	<MDL	<MDL	3.79	9.89	21.4
	Home Children	69	<MDL	<MDL	<MDL	4.13	9.89	23.7
	Day Care Children	56	<MDL	<MDL	<MDL	4.54	21.4	50.7
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	0.416	4.72	10.1	36.1	174	1,880
	Urban	103	0.416	4.41	9.87	34.8	116	601
	Rural	17	2.87	6.51	16.5	49.2	1,880	1,880
	Low Income	38	0.416	4.32	15.0	46.9	488	601
	Mid/High Income	69	1.02	4.80	8.96	25.4	93.6	521
	Home Children	63	1.17	5.70	9.79	25.4	112	521
	Day Care Children	57	0.416	4.47	13.8	42.8	488	1,880
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	10.6	36.0	130
	Urban	108	<MDL	<MDL	<MDL	10.6	36.0	130
	Rural	17	<MDL	<MDL	8.64	10.6	36.7	36.7
	Low Income	39	<MDL	<MDL	<MDL	12.7	87.1	130
	Mid/High Income	73	<MDL	<MDL	<MDL	9.70	25.3	54.6
	Home Children	69	<MDL	<MDL	<MDL	10.6	25.3	60.6
	Day Care Children	56	<MDL	<MDL	<MDL	11.6	54.6	130
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	1.06	12.1	25.8	92.2	446	4,810
	Urban	103	1.06	11.3	25.2	88.8	296	1,540
	Rural	17	7.34	16.6	42.3	126	4,810	4,810
	Low Income	38	1.06	11.0	38.3	120	1,250	1,540
	Mid/High Income	69	2.60	12.3	22.9	64.8	239	1,330
	Home Children	63	3.00	14.6	25.0	64.8	287	1,330
	Day Care Children	57	1.06	11.4	35.3	109	1,250	4,810
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.030	0.091	0.473
	Urban	108	<MDL	<MDL	<MDL	0.031	0.107	0.473
	Rural	17	<MDL	<MDL	0.025	0.028	0.090	0.090
	Low Income	39	<MDL	<MDL	<MDL	0.040	0.261	0.473
	Mid/High Income	73	<MDL	<MDL	<MDL	0.028	0.078	0.187
	Home Children	69	<MDL	<MDL	<MDL	0.030	0.081	0.145
	Day Care Children	56	<MDL	<MDL	<MDL	0.032	0.187	0.473
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.003	0.034	0.074	0.204	1.20	15.6
	Urban	103	0.003	0.028	0.072	0.196	0.781	5.38
	Rural	17	0.025	0.035	0.120	0.427	15.6	15.6
	Low Income	38	0.003	0.028	0.101	0.348	5.26	5.38
	Mid/High Income	69	0.006	0.034	0.066	0.147	0.781	4.78
	Home Children	63	0.007	0.036	0.068	0.147	0.655	4.78
	Day Care Children	57	0.003	0.028	0.082	0.273	5.26	15.6
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.076	0.232	1.21
	Urban	108	<MDL	<MDL	<MDL	0.078	0.274	1.21
	Rural	17	<MDL	<MDL	0.063	0.071	0.231	0.231
	Low Income	39	<MDL	<MDL	<MDL	0.101	0.666	1.21
	Mid/High Income	73	<MDL	<MDL	<MDL	0.072	0.200	0.477
	Home Children	69	<MDL	<MDL	<MDL	0.076	0.206	0.371
	Day Care Children	56	<MDL	<MDL	<MDL	0.082	0.477	1.21
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.007	0.086	0.189	0.522	3.07	39.8
	Urban	103	0.007	0.073	0.184	0.502	2.00	13.7
	Rural	17	0.065	0.089	0.307	1.09	39.8	39.8
	Low Income	38	0.007	0.071	0.258	0.889	13.4	13.7
	Mid/High Income	69	0.014	0.086	0.170	0.376	2.00	12.2
	Home Children	63	0.017	0.092	0.173	0.376	1.67	12.2
	Day Care Children	57	0.007	0.073	0.210	0.697	13.4	39.8

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-22a. *trans*-Permethrin (61949-77-7): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	31.2	--	--	--	--
	Urban	108	28.7	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	38.5	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	39.3	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	100.0	55.8	199	10.6	1.61
	Urban	98	100.0	40.3	109	9.57	1.57
	Rural	17	100.0	145	447	18.5	1.80
	Low Income	37	100.0	58.2	130	12.7	1.73
	Mid/High Income	65	100.0	31.7	92.7	8.82	1.45
	Home Children	60	100.0	32.3	96.2	9.33	1.38
	Day Care Children	55	100.0	81.3	268	12.1	1.84
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	31.2	--	--	--	--
	Urban	108	28.7	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	38.5	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	39.3	--	--	--	--
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	100.0	143	508	27.0	1.61
	Urban	98	100.0	103	278	24.5	1.57
	Rural	17	100.0	371	1,140	47.4	1.80
	Low Income	37	100.0	149	333	32.4	1.73
	Mid/High Income	65	100.0	80.9	237	22.5	1.45
	Home Children	60	100.0	82.6	246	23.8	1.38
	Day Care Children	55	100.0	208	685	30.9	1.84
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	31.2	--	--	--	--
	Urban	108	28.7	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	38.5	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	39.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	100.0	0.437	1.69	0.072	1.63
	Urban	98	100.0	0.313	1.000	0.066	1.57
	Rural	17	100.0	1.15	3.70	0.124	1.87
	Low Income	37	100.0	0.454	1.21	0.083	1.76
	Mid/High Income	65	100.0	0.244	0.835	0.062	1.44
	Home Children	60	100.0	0.248	0.865	0.066	1.37
	Day Care Children	55	100.0	0.643	2.27	0.080	1.88
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	31.2	--	--	--	--
	Urban	108	28.7	--	--	--	--
	Rural	17	47.1	--	--	--	--
	Low Income	39	38.5	--	--	--	--
	Mid/High Income	73	27.4	--	--	--	--
	Home Children	69	24.6	--	--	--	--
	Day Care Children	56	39.3	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	100.0	1.12	4.32	0.184	1.63
	Urban	98	100.0	0.799	2.56	0.168	1.57
	Rural	17	100.0	2.95	9.46	0.316	1.87
	Low Income	37	100.0	1.16	3.10	0.213	1.76
	Mid/High Income	65	100.0	0.624	2.13	0.158	1.44
	Home Children	60	100.0	0.635	2.21	0.168	1.37
	Day Care Children	55	100.0	1.64	5.80	0.203	1.88

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-22b. *trans*-Permethrin (61949-77-7): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	<MDL	3.34	7.77	63.5
	Urban	108	<MDL	<MDL	<MDL	3.28	7.17	63.5
	Rural	17	<MDL	<MDL	<MDL	3.34	9.68	9.68
	Low Income	39	<MDL	<MDL	<MDL	3.70	27.7	63.5
	Mid/High Income	73	<MDL	<MDL	<MDL	2.82	7.01	13.6
	Home Children	69	<MDL	<MDL	<MDL	<MDL	7.01	24.1
	Day Care Children	56	<MDL	<MDL	<MDL	3.56	20.3	63.5
Potential Exposure via Indirect Ingestion (ng/day)	Overall	115	0.414	3.10	7.98	28.6	208	1,860
	Urban	98	0.414	2.94	7.79	26.8	154	716
	Rural	17	2.73	4.10	8.62	45.9	1,860	1,860
	Low Income	37	0.414	3.18	9.69	28.6	456	642
	Mid/High Income	65	0.782	2.94	6.39	25.3	89.2	716
	Home Children	60	1.10	3.35	7.36	21.8	97.8	716
	Day Care Children	55	0.414	2.87	10.3	39.4	456	1,860
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	<MDL	8.53	19.9	162
	Urban	108	<MDL	<MDL	<MDL	8.39	18.3	162
	Rural	17	<MDL	<MDL	<MDL	8.53	24.7	24.7
	Low Income	39	<MDL	<MDL	<MDL	9.47	70.7	162
	Mid/High Income	73	<MDL	<MDL	<MDL	7.21	17.9	34.8
	Home Children	69	<MDL	<MDL	<MDL	<MDL	17.9	61.6
	Day Care Children	56	<MDL	<MDL	<MDL	9.10	51.9	162
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	115	1.06	7.93	20.4	73.0	531	4,760
	Urban	98	1.06	7.52	19.9	68.6	392	1,830
	Rural	17	6.97	10.5	22.0	117	4,760	4,760
	Low Income	37	1.06	8.12	24.8	73.0	1,160	1,640
	Mid/High Income	65	2.00	7.52	16.3	64.6	228	1,830
	Home Children	60	2.81	8.56	18.8	55.8	250	1,830
	Day Care Children	55	1.06	7.34	26.2	101	1,160	4,760
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.025	0.064	0.593
	Urban	108	<MDL	<MDL	<MDL	0.026	0.064	0.593
	Rural	17	<MDL	<MDL	<MDL	0.024	0.067	0.067
	Low Income	39	<MDL	<MDL	<MDL	0.030	0.212	0.593
	Mid/High Income	73	<MDL	<MDL	<MDL	0.024	0.056	0.103
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.064	0.147
	Day Care Children	56	<MDL	<MDL	<MDL	0.026	0.149	0.593
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	115	0.003	0.022	0.060	0.177	1.49	15.4
	Urban	98	0.003	0.022	0.057	0.168	0.773	6.57
	Rural	17	0.017	0.024	0.063	0.328	15.4	15.4
	Low Income	37	0.003	0.022	0.067	0.286	5.02	5.61
	Mid/High Income	65	0.004	0.022	0.048	0.143	0.719	6.57
	Home Children	60	0.006	0.023	0.049	0.133	0.690	6.57
	Day Care Children	55	0.003	0.022	0.067	0.250	5.02	15.4
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	<MDL	0.063	0.163	1.52
	Urban	108	<MDL	<MDL	<MDL	0.066	0.163	1.52
	Rural	17	<MDL	<MDL	<MDL	0.061	0.172	0.172
	Low Income	39	<MDL	<MDL	<MDL	0.076	0.541	1.52
	Mid/High Income	73	<MDL	<MDL	<MDL	0.063	0.143	0.264
	Home Children	69	<MDL	<MDL	<MDL	<MDL	0.163	0.377
	Day Care Children	56	<MDL	<MDL	<MDL	0.066	0.381	1.52
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	115	0.007	0.056	0.152	0.452	3.81	39.4
	Urban	98	0.007	0.055	0.145	0.429	1.98	16.8
	Rural	17	0.043	0.061	0.162	0.838	39.4	39.4
	Low Income	37	0.007	0.055	0.172	0.731	12.8	14.3
	Mid/High Income	65	0.011	0.056	0.123	0.365	1.84	16.8
	Home Children	60	0.016	0.058	0.126	0.339	1.76	16.8
	Day Care Children	55	0.007	0.055	0.172	0.640	12.8	39.4

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-23a. PCB 52 (35693-99-3): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	123	95.9	6.33	6.48	4.54	0.801
	Urban	106	95.3	5.78	5.60	4.30	0.770
	Rural	17	100.0	9.71	10.0	6.39	0.929
	Low Income	37	97.3	5.85	6.31	4.28	0.749
	Mid/High Income	73	94.5	6.39	6.81	4.46	0.852
	Home Children	69	94.2	6.76	7.93	4.26	0.958
	Day Care Children	54	98.1	5.78	3.94	4.93	0.537
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	55.5	0.235	0.347	0.131	1.03
	Urban	102	52.0	0.233	0.358	0.129	1.02
	Rural	17	76.5	0.248	0.278	0.141	1.09
	Low Income	38	65.8	0.217	0.296	0.119	1.05
	Mid/High Income	68	51.5	0.246	0.385	0.141	0.995
	Home Children	63	55.6	0.257	0.402	0.141	1.04
	Day Care Children	56	55.4	0.210	0.274	0.120	1.02
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	123	95.9	21.7	22.2	15.6	0.801
	Urban	106	95.3	19.8	19.2	14.7	0.770
	Rural	17	100.0	33.2	34.3	21.9	0.929
	Low Income	37	97.3	20.0	21.6	14.7	0.749
	Mid/High Income	73	94.5	21.9	23.3	15.3	0.852
	Home Children	69	94.2	23.1	27.2	14.6	0.958
	Day Care Children	54	98.1	19.8	13.5	16.9	0.537
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	55.5	0.804	1.19	0.447	1.03
	Urban	102	52.0	0.797	1.23	0.442	1.02
	Rural	17	76.5	0.851	0.953	0.483	1.09
	Low Income	38	65.8	0.743	1.01	0.406	1.05
	Mid/High Income	68	51.5	0.843	1.32	0.482	0.995
	Home Children	63	55.6	0.881	1.38	0.483	1.04
	Day Care Children	56	55.4	0.718	0.940	0.410	1.02
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	95.9	0.044	0.043	0.031	0.834
	Urban	106	95.3	0.040	0.036	0.029	0.806
	Rural	17	100.0	0.066	0.069	0.043	0.955
	Low Income	37	97.3	0.042	0.044	0.029	0.848
	Mid/High Income	73	94.5	0.043	0.043	0.031	0.851
	Home Children	69	94.2	0.046	0.051	0.030	0.958
	Day Care Children	54	98.1	0.040	0.029	0.032	0.646
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	55.5	0.002	0.002	0.001	1.04
	Urban	102	52.0	0.002	0.002	0.001	1.03
	Rural	17	76.5	0.002	0.002	0.001	1.11
	Low Income	38	65.8	0.001	0.002	0.001	1.05
	Mid/High Income	68	51.5	0.002	0.002	0.001	0.997
	Home Children	63	55.6	0.002	0.002	0.001	1.02
	Day Care Children	56	55.4	0.001	0.002	0.001	1.06
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	95.9	0.149	0.146	0.106	0.834
	Urban	106	95.3	0.137	0.123	0.101	0.806
	Rural	17	100.0	0.227	0.238	0.146	0.955
	Low Income	37	97.3	0.142	0.150	0.099	0.848
	Mid/High Income	73	94.5	0.149	0.147	0.105	0.851
	Home Children	69	94.2	0.159	0.175	0.102	0.958
	Day Care Children	54	98.1	0.136	0.099	0.111	0.646
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	55.5	0.005	0.008	0.003	1.04
	Urban	102	52.0	0.005	0.008	0.003	1.03
	Rural	17	76.5	0.006	0.007	0.003	1.11
	Low Income	38	65.8	0.005	0.007	0.003	1.05
	Mid/High Income	68	51.5	0.006	0.008	0.003	0.997
	Home Children	63	55.6	0.006	0.008	0.003	1.02
	Day Care Children	56	55.4	0.005	0.007	0.003	1.06

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-23b. PCB 52 (35693-99-3): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	123	<MDL	3.19	4.80	6.68	20.2	38.6
	Urban	106	<MDL	2.76	4.82	6.34	12.7	37.1
	Rural	17	1.17	3.65	4.68	13.1	38.6	38.6
	Low Income	37	<MDL	2.76	4.32	5.67	26.2	33.3
	Mid/High Income	73	<MDL	2.82	4.80	6.89	22.5	38.6
	Home Children	69	<MDL	2.21	4.80	6.68	26.2	38.6
	Day Care Children	54	<MDL	3.42	4.76	6.27	13.1	22.5
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	<MDL	0.112	0.284	0.852	2.78
	Urban	102	<MDL	<MDL	0.112	0.275	0.839	2.78
	Rural	17	<MDL	0.069	0.091	0.324	0.852	0.852
	Low Income	38	<MDL	<MDL	0.114	0.194	1.15	1.18
	Mid/High Income	68	<MDL	<MDL	0.113	0.306	0.754	2.78
	Home Children	63	<MDL	<MDL	0.114	0.317	0.839	2.78
	Day Care Children	56	<MDL	<MDL	0.102	0.246	0.852	1.41
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	123	<MDL	10.9	16.5	22.9	69.3	132
	Urban	106	<MDL	9.45	16.5	21.7	43.4	127
	Rural	17	4.02	12.5	16.0	45.0	132	132
	Low Income	37	<MDL	9.45	14.8	19.4	89.7	114
	Mid/High Income	73	<MDL	9.65	16.5	23.6	77.0	132
	Home Children	69	<MDL	7.58	16.5	22.9	89.7	132
	Day Care Children	54	<MDL	11.7	16.3	21.5	45.0	77.0
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	<MDL	0.382	0.972	2.92	9.51
	Urban	102	<MDL	<MDL	0.384	0.942	2.87	9.51
	Rural	17	<MDL	0.236	0.311	1.11	2.92	2.92
	Low Income	38	<MDL	<MDL	0.389	0.664	3.94	4.04
	Mid/High Income	68	<MDL	<MDL	0.388	1.05	2.58	9.51
	Home Children	63	<MDL	<MDL	0.390	1.09	2.87	9.51
	Day Care Children	56	<MDL	<MDL	0.348	0.843	2.92	4.85
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	123	<MDL	0.019	0.033	0.053	0.117	0.247
	Urban	106	<MDL	0.019	0.033	0.051	0.098	0.221
	Rural	17	0.009	0.025	0.033	0.083	0.247	0.247
	Low Income	37	<MDL	0.018	0.026	0.048	0.170	0.221
	Mid/High Income	73	<MDL	0.019	0.032	0.054	0.103	0.247
	Home Children	69	<MDL	0.016	0.034	0.055	0.184	0.247
	Day Care Children	54	<MDL	0.022	0.032	0.051	0.103	0.168
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	<MDL	0.001	0.002	0.007	0.016
	Urban	102	<MDL	<MDL	0.001	0.002	0.006	0.016
	Rural	17	<MDL	0.000	0.001	0.002	0.007	0.007
	Low Income	38	<MDL	<MDL	0.001	0.001	0.007	0.009
	Mid/High Income	68	<MDL	<MDL	0.001	0.002	0.005	0.016
	Home Children	63	<MDL	<MDL	0.001	0.002	0.006	0.016
	Day Care Children	56	<MDL	<MDL	0.001	0.002	0.007	0.009
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	123	<MDL	0.066	0.113	0.180	0.400	0.847
	Urban	106	<MDL	0.065	0.114	0.174	0.334	0.756
	Rural	17	0.030	0.087	0.111	0.283	0.847	0.847
	Low Income	37	<MDL	0.060	0.089	0.165	0.581	0.756
	Mid/High Income	73	<MDL	0.066	0.109	0.185	0.353	0.847
	Home Children	69	<MDL	0.054	0.117	0.187	0.631	0.847
	Day Care Children	54	<MDL	0.076	0.111	0.174	0.353	0.574
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	<MDL	0.002	0.006	0.024	0.055
	Urban	102	<MDL	<MDL	0.003	0.006	0.022	0.055
	Rural	17	<MDL	0.001	0.002	0.006	0.024	0.024
	Low Income	38	<MDL	<MDL	0.003	0.005	0.025	0.029
	Mid/High Income	68	<MDL	<MDL	0.003	0.007	0.018	0.055
	Home Children	63	<MDL	<MDL	0.003	0.006	0.022	0.055
	Day Care Children	56	<MDL	<MDL	0.002	0.005	0.024	0.029

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-24a. PCB 95 (38379-99-6): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	69.6	2.13	3.69	1.23	0.897
	Urban	108	68.5	2.02	3.72	1.18	0.870
	Rural	17	76.5	2.87	3.48	1.64	1.04
	Low Income	39	66.7	2.54	5.32	1.20	0.987
	Mid/High Income	73	69.9	1.91	2.72	1.19	0.880
	Home Children	69	71.0	2.11	3.45	1.15	0.981
	Day Care Children	56	67.9	2.16	4.00	1.34	0.783
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	52.1	0.212	0.430	0.107	1.02
	Urban	102	49.0	--	--	--	--
	Rural	17	70.6	0.230	0.359	0.110	1.16
	Low Income	38	60.5	0.186	0.268	0.097	1.06
	Mid/High Income	68	50.0	0.222	0.507	0.114	0.955
	Home Children	63	49.2	--	--	--	--
	Day Care Children	56	55.4	0.188	0.328	0.098	0.997
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	69.6	6.53	11.3	3.77	0.897
	Urban	108	68.5	6.18	11.4	3.61	0.870
	Rural	17	76.5	8.78	10.7	5.01	1.04
	Low Income	39	66.7	7.77	16.3	3.68	0.987
	Mid/High Income	73	69.9	5.85	8.34	3.65	0.880
	Home Children	69	71.0	6.46	10.6	3.53	0.981
	Day Care Children	56	67.9	6.62	12.3	4.09	0.783
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	52.1	0.650	1.32	0.327	1.02
	Urban	102	49.0	--	--	--	--
	Rural	17	70.6	0.706	1.10	0.336	1.16
	Low Income	38	60.5	0.568	0.822	0.297	1.06
	Mid/High Income	68	50.0	0.680	1.55	0.348	0.955
	Home Children	63	49.2	--	--	--	--
	Day Care Children	56	55.4	0.575	1.01	0.302	0.997
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	69.6	0.015	0.025	0.008	0.912
	Urban	108	68.5	0.014	0.025	0.008	0.885
	Rural	17	76.5	0.020	0.026	0.011	1.06
	Low Income	39	66.7	0.018	0.038	0.008	1.04
	Mid/High Income	73	69.9	0.013	0.016	0.008	0.870
	Home Children	69	71.0	0.014	0.022	0.008	0.964
	Day Care Children	56	67.9	0.015	0.029	0.009	0.849
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	52.1	0.001	0.003	0.001	1.03
	Urban	102	49.0	--	--	--	--
	Rural	17	70.6	0.002	0.003	0.001	1.22
	Low Income	38	60.5	0.001	0.002	0.001	1.08
	Mid/High Income	68	50.0	0.001	0.003	0.001	0.945
	Home Children	63	49.2	--	--	--	--
	Day Care Children	56	55.4	0.001	0.002	0.001	1.04
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	69.6	0.045	0.077	0.026	0.912
	Urban	108	68.5	0.042	0.077	0.025	0.885
	Rural	17	76.5	0.062	0.080	0.033	1.06
	Low Income	39	66.7	0.054	0.115	0.025	1.04
	Mid/High Income	73	69.9	0.039	0.051	0.025	0.870
	Home Children	69	71.0	0.044	0.068	0.025	0.964
	Day Care Children	56	67.9	0.046	0.088	0.027	0.849
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	52.1	0.004	0.008	0.002	1.03
	Urban	102	49.0	--	--	--	--
	Rural	17	70.6	0.005	0.009	0.002	1.22
	Low Income	38	60.5	0.004	0.006	0.002	1.08
	Mid/High Income	68	50.0	0.004	0.009	0.002	0.945
	Home Children	63	49.2	--	--	--	--
	Day Care Children	56	55.4	0.004	0.006	0.002	1.04

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-24b. PCB 95 (38379-99-6): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	1.17	1.83	9.73	28.3
	Urban	108	<MDL	<MDL	1.17	1.67	5.59	28.3
	Rural	17	<MDL	0.728	1.44	2.73	10.4	10.4
	Low Income	39	<MDL	<MDL	1.12	1.50	19.3	28.3
	Mid/High Income	73	<MDL	<MDL	1.15	2.01	9.73	17.7
	Home Children	69	<MDL	<MDL	1.15	1.92	9.73	19.3
	Day Care Children	56	<MDL	<MDL	1.20	1.71	9.73	28.3
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	<MDL	0.084	0.185	0.748	3.80
	Urban	102	<MDL	<MDL	<MDL	0.185	0.669	3.80
	Rural	17	<MDL	<MDL	0.071	0.214	1.45	1.45
	Low Income	38	<MDL	<MDL	0.082	0.185	0.893	1.24
	Mid/High Income	68	<MDL	<MDL	<MDL	0.183	0.554	3.80
	Home Children	63	<MDL	<MDL	<MDL	0.190	0.669	3.80
	Day Care Children	56	<MDL	<MDL	0.071	0.185	0.748	1.93
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	3.57	5.60	29.8	86.8
	Urban	108	<MDL	<MDL	3.57	5.11	17.1	86.8
	Rural	17	<MDL	2.23	4.40	8.37	32.0	32.0
	Low Income	39	<MDL	<MDL	3.44	4.61	59.0	86.8
	Mid/High Income	73	<MDL	<MDL	3.52	6.16	29.8	54.2
	Home Children	69	<MDL	<MDL	3.51	5.87	29.8	59.0
	Day Care Children	56	<MDL	<MDL	3.67	5.22	29.8	86.8
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	<MDL	0.257	0.568	2.29	11.6
	Urban	102	<MDL	<MDL	<MDL	0.566	2.05	11.6
	Rural	17	<MDL	<MDL	0.217	0.656	4.43	4.43
	Low Income	38	<MDL	<MDL	0.250	0.566	2.74	3.79
	Mid/High Income	68	<MDL	<MDL	<MDL	0.560	1.70	11.6
	Home Children	63	<MDL	<MDL	<MDL	0.583	2.05	11.6
	Day Care Children	56	<MDL	<MDL	0.218	0.567	2.29	5.93
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	0.008	0.013	0.052	0.205
	Urban	108	<MDL	<MDL	0.008	0.013	0.041	0.205
	Rural	17	<MDL	0.005	0.008	0.017	0.081	0.081
	Low Income	39	<MDL	<MDL	0.006	0.012	0.128	0.205
	Mid/High Income	73	<MDL	<MDL	0.008	0.014	0.045	0.103
	Home Children	69	<MDL	<MDL	0.008	0.013	0.067	0.128
	Day Care Children	56	<MDL	<MDL	0.007	0.013	0.045	0.205
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	<MDL	0.001	0.001	0.005	0.022
	Urban	102	<MDL	<MDL	<MDL	0.001	0.005	0.022
	Rural	17	<MDL	<MDL	0.001	0.001	0.012	0.012
	Low Income	38	<MDL	<MDL	0.001	0.001	0.006	0.008
	Mid/High Income	68	<MDL	<MDL	<MDL	0.001	0.004	0.022
	Home Children	63	<MDL	<MDL	<MDL	0.001	0.005	0.022
	Day Care Children	56	<MDL	<MDL	0.001	0.001	0.005	0.012
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	0.024	0.041	0.161	0.629
	Urban	108	<MDL	<MDL	0.023	0.040	0.126	0.629
	Rural	17	<MDL	0.015	0.024	0.052	0.247	0.247
	Low Income	39	<MDL	<MDL	0.020	0.038	0.392	0.629
	Mid/High Income	73	<MDL	<MDL	0.024	0.043	0.137	0.314
	Home Children	69	<MDL	<MDL	0.024	0.039	0.205	0.392
	Day Care Children	56	<MDL	<MDL	0.023	0.041	0.137	0.629
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	<MDL	0.002	0.004	0.017	0.067
	Urban	102	<MDL	<MDL	<MDL	0.004	0.016	0.067
	Rural	17	<MDL	<MDL	0.002	0.004	0.037	0.037
	Low Income	38	<MDL	<MDL	0.002	0.003	0.018	0.025
	Mid/High Income	68	<MDL	<MDL	<MDL	0.004	0.011	0.067
	Home Children	63	<MDL	<MDL	<MDL	0.004	0.016	0.067
	Day Care Children	56	<MDL	<MDL	0.002	0.004	0.017	0.037

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-25a. PCB 101 (37680-73-2): Estimates of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	125	60.8	2.07	4.48	1.07	0.960
	Urban	108	58.3	1.97	4.65	1.01	0.940
	Rural	17	76.5	2.73	3.31	1.58	1.03
	Low Income	39	56.4	2.67	7.13	1.04	1.05
	Mid/High Income	73	63.0	1.81	2.61	1.08	0.935
	Home Children	69	58.0	1.91	3.36	0.950	1.04
	Day Care Children	56	64.3	2.27	5.60	1.25	0.837
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	54.6	0.281	0.627	0.128	1.10
	Urban	102	51.0	0.286	0.657	0.129	1.11
	Rural	17	76.5	0.250	0.417	0.121	1.13
	Low Income	38	63.2	0.245	0.351	0.120	1.14
	Mid/High Income	68	52.9	0.295	0.760	0.135	1.04
	Home Children	63	54.0	0.311	0.771	0.135	1.11
	Day Care Children	56	55.4	0.247	0.413	0.120	1.11
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	125	60.8	6.35	13.7	3.29	0.960
	Urban	108	58.3	6.03	14.2	3.09	0.940
	Rural	17	76.5	8.36	10.1	4.83	1.03
	Low Income	39	56.4	8.17	21.8	3.19	1.05
	Mid/High Income	73	63.0	5.55	7.99	3.31	0.935
	Home Children	69	58.0	5.85	10.3	2.91	1.04
	Day Care Children	56	64.3	6.96	17.1	3.82	0.837
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	54.6	0.861	1.92	0.391	1.10
	Urban	102	51.0	0.877	2.01	0.394	1.11
	Rural	17	76.5	0.765	1.28	0.372	1.13
	Low Income	38	63.2	0.751	1.08	0.368	1.14
	Mid/High Income	68	52.9	0.904	2.33	0.412	1.04
	Home Children	63	54.0	0.952	2.36	0.414	1.11
	Day Care Children	56	55.4	0.758	1.27	0.366	1.11
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	60.8	0.014	0.031	0.007	0.977
	Urban	108	58.3	0.013	0.032	0.007	0.953
	Rural	17	76.5	0.019	0.024	0.011	1.07
	Low Income	39	56.4	0.019	0.051	0.007	1.08
	Mid/High Income	73	63.0	0.012	0.016	0.007	0.940
	Home Children	69	58.0	0.013	0.022	0.007	1.02
	Day Care Children	56	64.3	0.016	0.041	0.008	0.920
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	54.6	0.002	0.004	0.001	1.12
	Urban	102	51.0	0.002	0.004	0.001	1.11
	Rural	17	76.5	0.002	0.003	0.001	1.18
	Low Income	38	63.2	0.002	0.002	0.001	1.15
	Mid/High Income	68	52.9	0.002	0.004	0.001	1.04
	Home Children	63	54.0	0.002	0.005	0.001	1.08
	Day Care Children	56	55.4	0.002	0.003	0.001	1.16
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	60.8	0.044	0.096	0.022	0.977
	Urban	108	58.3	0.041	0.099	0.021	0.953
	Rural	17	76.5	0.059	0.074	0.032	1.07
	Low Income	39	56.4	0.057	0.156	0.021	1.08
	Mid/High Income	73	63.0	0.037	0.050	0.023	0.940
	Home Children	69	58.0	0.039	0.066	0.020	1.02
	Day Care Children	56	64.3	0.049	0.124	0.025	0.920
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	54.6	0.006	0.012	0.003	1.12
	Urban	102	51.0	0.006	0.012	0.003	1.11
	Rural	17	76.5	0.006	0.010	0.002	1.18
	Low Income	38	63.2	0.005	0.007	0.002	1.15
	Mid/High Income	68	52.9	0.006	0.013	0.003	1.04
	Home Children	63	54.0	0.006	0.014	0.003	1.08
	Day Care Children	56	55.4	0.005	0.008	0.002	1.16

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.
"Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-25b. PCB 101 (37680-73-2): Range of Potential Exposure and Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	125	<MDL	<MDL	1.03	1.69	7.15	41.9
	Urban	108	<MDL	<MDL	1.02	1.68	5.92	41.9
	Rural	17	<MDL	0.750	1.33	2.96	10.6	10.6
	Low Income	39	<MDL	<MDL	0.952	1.58	18.7	41.9
	Mid/High Income	73	<MDL	<MDL	1.11	1.82	7.15	16.7
	Home Children	69	<MDL	<MDL	0.740	1.68	9.73	18.7
	Day Care Children	56	<MDL	<MDL	1.09	1.74	7.15	41.9
Potential Exposure via Indirect Ingestion (ng/day)	Overall	119	<MDL	<MDL	0.109	0.235	1.15	5.89
	Urban	102	<MDL	<MDL	0.108	0.226	1.01	5.89
	Rural	17	<MDL	0.050	0.109	0.235	1.73	1.73
	Low Income	38	<MDL	<MDL	0.089	0.287	1.17	1.46
	Mid/High Income	68	<MDL	<MDL	0.123	0.225	0.734	5.89
	Home Children	63	<MDL	<MDL	0.116	0.226	1.15	5.89
	Day Care Children	56	<MDL	<MDL	0.088	0.235	1.01	2.33
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	125	<MDL	<MDL	3.16	5.19	21.9	128
	Urban	108	<MDL	<MDL	3.12	5.14	18.1	128
	Rural	17	<MDL	2.30	4.07	9.08	32.5	32.5
	Low Income	39	<MDL	<MDL	2.92	4.84	57.3	128
	Mid/High Income	73	<MDL	<MDL	3.41	5.58	21.9	51.0
	Home Children	69	<MDL	<MDL	2.27	5.14	29.8	57.3
	Day Care Children	56	<MDL	<MDL	3.34	5.33	21.9	128
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	119	<MDL	<MDL	0.335	0.719	3.51	18.0
	Urban	102	<MDL	<MDL	0.332	0.692	3.10	18.0
	Rural	17	<MDL	0.154	0.335	0.719	5.29	5.29
	Low Income	38	<MDL	<MDL	0.274	0.879	3.59	4.47
	Mid/High Income	68	<MDL	<MDL	0.378	0.690	2.25	18.0
	Home Children	63	<MDL	<MDL	0.354	0.692	3.51	18.0
	Day Care Children	56	<MDL	<MDL	0.271	0.721	3.10	7.13
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	125	<MDL	<MDL	0.006	0.012	0.042	0.304
	Urban	108	<MDL	<MDL	0.006	0.012	0.034	0.304
	Rural	17	<MDL	0.004	0.008	0.019	0.078	0.078
	Low Income	39	<MDL	<MDL	0.006	0.010	0.124	0.304
	Mid/High Income	73	<MDL	<MDL	0.008	0.012	0.042	0.097
	Home Children	69	<MDL	<MDL	0.005	0.011	0.062	0.124
	Day Care Children	56	<MDL	<MDL	0.008	0.012	0.042	0.304
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	119	<MDL	<MDL	0.001	0.002	0.007	0.034
	Urban	102	<MDL	<MDL	0.001	0.002	0.007	0.034
	Rural	17	<MDL	0.000	0.001	0.001	0.014	0.014
	Low Income	38	<MDL	<MDL	0.001	0.002	0.008	0.010
	Mid/High Income	68	<MDL	<MDL	0.001	0.002	0.005	0.034
	Home Children	63	<MDL	<MDL	0.001	0.002	0.007	0.034
	Day Care Children	56	<MDL	<MDL	0.001	0.002	0.007	0.014
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	125	<MDL	<MDL	0.020	0.036	0.128	0.930
	Urban	108	<MDL	<MDL	0.019	0.036	0.105	0.930
	Rural	17	<MDL	0.012	0.026	0.057	0.239	0.239
	Low Income	39	<MDL	<MDL	0.017	0.029	0.380	0.930
	Mid/High Income	73	<MDL	<MDL	0.024	0.036	0.128	0.296
	Home Children	69	<MDL	<MDL	0.016	0.035	0.191	0.380
	Day Care Children	56	<MDL	<MDL	0.024	0.038	0.128	0.930
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	119	<MDL	<MDL	0.002	0.005	0.023	0.105
	Urban	102	<MDL	<MDL	0.002	0.005	0.022	0.105
	Rural	17	<MDL	0.001	0.003	0.005	0.044	0.044
	Low Income	38	<MDL	<MDL	0.002	0.005	0.023	0.030
	Mid/High Income	68	<MDL	<MDL	0.003	0.005	0.016	0.105
	Home Children	63	<MDL	<MDL	0.003	0.005	0.023	0.105
	Day Care Children	56	<MDL	<MDL	0.002	0.005	0.022	0.044

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-26a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Exposure in OH Adults (ng/day)							
Potential Exposure via Inhalation (ng/day)	Overall	115	100.0	18.4	44.9	8.96	0.939
	Urban	99	100.0	20.2	48.2	9.38	0.989
	Rural	16	100.0	7.33	3.15	6.72	0.450
	Low Income	36	100.0	26.1	48.0	11.4	1.13
	Mid/High Income	66	100.0	10.2	9.76	7.55	0.737
	Home Children	64	100.0	23.9	58.9	9.05	1.13
	Day Care Children	51	100.0	11.5	11.4	8.84	0.642
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	99.2	1,900	3,020	983	1.16
	Urban	110	99.1	1,930	3,110	990	1.18
	Rural	17	100.0	1,720	2,440	938	1.12
	Low Income	41	100.0	1,250	1,510	734	1.03
	Mid/High Income	73	98.6	2,020	3,470	1,090	1.13
	Home Children	69	100.0	2,740	3,750	1,690	0.934
	Day Care Children	58	98.3	914	1,280	515	1.08
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	100.0	3.57	8.11	1.19	1.32
	Urban	103	100.0	4.02	8.68	1.34	1.33
	Rural	17	100.0	0.863	0.896	0.565	0.992
	Low Income	38	100.0	5.99	11.8	1.71	1.53
	Mid/High Income	69	100.0	2.53	5.58	1.04	1.18
	Home Children	63	100.0	2.92	6.12	1.05	1.30
	Day Care Children	57	100.0	4.30	9.87	1.35	1.33
Potential Exposure – Aggregated (ng/day)	Overall	108	100.0	2,010	3,210	1,050	1.14
	Urban	92	100.0	2,060	3,320	1,070	1.15
	Rural	16	100.0	1,770	2,520	942	1.15
	Low Income	33	100.0	1,140	1,190	761	0.922
	Mid/High Income	62	100.0	2,190	3,730	1,170	1.13
	Home Children	58	100.0	2,980	4,020	1,860	0.914
	Day Care Children	50	100.0	891	1,130	543	1.03
Potential Exposure in OH Adults (pmoles/day)							
Potential Exposure via Inhalation (pmoles/day)	Overall	115	100.0	92.6	226	45.1	0.939
	Urban	99	100.0	102	243	47.3	0.989
	Rural	16	100.0	36.9	15.9	33.8	0.450
	Low Income	36	100.0	132	242	57.3	1.13
	Mid/High Income	66	100.0	51.5	49.2	38.0	0.737
	Home Children	64	100.0	120	297	45.6	1.13
	Day Care Children	51	100.0	57.8	57.5	44.6	0.642
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	99.2	9,590	15,200	4,950	1.16
	Urban	110	99.1	9,740	15,700	4,990	1.18
	Rural	17	100.0	8,670	12,300	4,730	1.12
	Low Income	41	100.0	6,280	7,590	3,700	1.03
	Mid/High Income	73	98.6	10,200	17,500	5,490	1.13
	Home Children	69	100.0	13,800	18,900	8,540	0.934
	Day Care Children	58	98.3	4,600	6,450	2,590	1.08
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	100.0	18.0	40.9	5.98	1.32
	Urban	103	100.0	20.3	43.7	6.76	1.33
	Rural	17	100.0	4.35	4.52	2.85	0.992
	Low Income	38	100.0	30.2	59.6	8.60	1.53
	Mid/High Income	69	100.0	12.7	28.1	5.23	1.18
	Home Children	63	100.0	14.7	30.8	5.31	1.30
	Day Care Children	57	100.0	21.7	49.8	6.82	1.33
Potential Exposure – Aggregated (pmoles/day)	Overall	108	100.0	10,100	16,200	5,310	1.14
	Urban	92	100.0	10,400	16,700	5,410	1.15
	Rural	16	100.0	8,910	12,700	4,750	1.15
	Low Income	33	100.0	5,750	6,000	3,830	0.922
	Mid/High Income	62	100.0	11,100	18,800	5,920	1.13
	Home Children	58	100.0	15,000	20,300	9,390	0.914
	Day Care Children	50	100.0	4,490	5,710	2,740	1.03

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%.

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Table O-26b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Exposure in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Exposure in OH Adults (ng/day)								
Potential Exposure via Inhalation (ng/day)	Overall	115	1.72	4.76	7.02	14.1	64.6	386
	Urban	99	1.72	4.74	7.07	15.6	85.8	386
	Rural	16	2.25	5.87	6.92	8.27	16.1	16.1
	Low Income	36	2.99	5.20	8.25	18.4	152	238
	Mid/High Income	66	1.72	4.63	6.28	12.3	27.9	47.1
	Home Children	64	1.72	4.42	6.04	14.9	93.8	386
	Day Care Children	51	3.77	5.82	7.40	11.3	43.8	64.6
Potential Exposure via Dietary Ingestion (ng/day)	Overall	127	<MDL	538	979	2,070	6,690	27,300
	Urban	110	<MDL	539	985	2,070	6,690	27,300
	Rural	17	102	537	894	1,740	10,400	10,400
	Low Income	41	86.4	402	692	1,330	5,420	6,190
	Mid/High Income	73	<MDL	626	1,090	2,050	6,360	27,300
	Home Children	69	173	822	1,440	3,270	7,910	27,300
	Day Care Children	58	<MDL	267	558	979	3,060	7,070
Potential Exposure via Indirect Ingestion (ng/day)	Overall	120	0.103	0.554	0.991	2.23	19.1	47.2
	Urban	103	0.103	0.586	1.06	2.80	22.1	47.2
	Rural	17	0.108	0.306	0.622	0.974	3.87	3.87
	Low Income	38	0.103	0.662	1.22	4.00	43.3	47.2
	Mid/High Income	69	0.114	0.534	0.879	1.64	10.1	34.2
	Home Children	63	0.108	0.444	0.857	2.10	13.4	34.2
	Day Care Children	57	0.103	0.598	1.10	2.37	38.8	47.2
Potential Exposure – Aggregated (ng/day)	Overall	108	25.8	554	1,000	2,170	7,080	27,300
	Urban	92	25.8	570	1,010	2,170	7,080	27,300
	Rural	16	108	482	790	2,150	10,500	10,500
	Low Income	33	95.5	460	761	1,380	3,340	5,910
	Mid/High Income	62	25.8	651	1,150	2,550	6,360	27,300
	Home Children	58	312	984	1,550	3,340	10,200	27,300
	Day Care Children	50	25.8	321	579	984	2,860	7,080
Potential Exposure in OH Adults (pmoles/day)								
Potential Exposure via Inhalation (pmoles/day)	Overall	115	8.69	24.0	35.4	70.9	326	1,950
	Urban	99	8.69	23.9	35.6	78.4	433	1,950
	Rural	16	11.3	29.6	34.9	41.7	81.0	81.0
	Low Income	36	15.1	26.2	41.6	92.6	766	1,200
	Mid/High Income	66	8.69	23.4	31.6	61.8	141	238
	Home Children	64	8.69	22.3	30.5	75.0	473	1,950
	Day Care Children	51	19.0	29.3	37.3	57.0	221	326
Potential Exposure via Dietary Ingestion (pmoles/day)	Overall	127	<MDL	2,710	4,930	10,400	33,700	137,000
	Urban	110	<MDL	2,720	4,960	10,400	33,700	137,000
	Rural	17	514	2,710	4,510	8,750	52,700	52,700
	Low Income	41	436	2,030	3,490	6,720	27,300	31,200
	Mid/High Income	73	<MDL	3,160	5,510	10,300	32,000	137,000
	Home Children	69	872	4,140	7,250	16,500	39,800	137,000
	Day Care Children	58	<MDL	1,340	2,810	4,930	15,400	35,600
Potential Exposure via Indirect Ingestion (pmoles/day)	Overall	120	0.522	2.79	5.00	11.3	96.2	238
	Urban	103	0.522	2.95	5.33	14.1	111	238
	Rural	17	0.544	1.54	3.13	4.91	19.5	19.5
	Low Income	38	0.522	3.33	6.13	20.1	218	238
	Mid/High Income	69	0.574	2.69	4.43	8.25	50.8	173
	Home Children	63	0.544	2.24	4.32	10.6	67.3	173
	Day Care Children	57	0.522	3.01	5.55	11.9	195	238
Potential Exposure – Aggregated (pmoles/day)	Overall	108	130	2,790	5,040	10,900	35,700	137,000
	Urban	92	130	2,870	5,090	10,900	35,700	137,000
	Rural	16	545	2,430	3,980	10,800	52,700	52,700
	Low Income	33	481	2,320	3,830	6,960	16,800	29,800
	Mid/High Income	62	130	3,280	5,790	12,900	32,100	137,000
	Home Children	58	1,570	4,960	7,810	16,800	51,400	137,000
	Day Care Children	50	130	1,620	2,920	4,960	14,400	35,700

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table O-26c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimates of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Potential Absorbed Dose in OH Adults (ng/kg/day)							
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	115	100.0	0.131	0.333	0.061	0.972
	Urban	99	100.0	0.144	0.357	0.064	1.02
	Rural	16	100.0	0.049	0.022	0.045	0.444
	Low Income	36	100.0	0.178	0.314	0.075	1.16
	Mid/High Income	66	100.0	0.075	0.077	0.053	0.781
	Home Children	64	100.0	0.171	0.437	0.063	1.13
	Day Care Children	51	100.0	0.081	0.090	0.059	0.731
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	99.2	13.7	22.3	6.68	1.23
	Urban	110	99.1	14.2	23.2	6.75	1.25
	Rural	17	100.0	11.1	15.1	6.26	1.12
	Low Income	41	100.0	9.23	12.2	4.91	1.11
	Mid/High Income	73	98.6	14.6	25.5	7.50	1.20
	Home Children	69	100.0	20.0	27.7	11.9	0.987
	Day Care Children	58	98.3	6.34	8.88	3.38	1.14
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	100.0	0.025	0.061	0.008	1.34
	Urban	103	100.0	0.029	0.065	0.009	1.36
	Rural	17	100.0	0.006	0.007	0.004	0.918
	Low Income	38	100.0	0.042	0.090	0.011	1.55
	Mid/High Income	69	100.0	0.018	0.041	0.007	1.21
	Home Children	63	100.0	0.021	0.045	0.007	1.29
	Day Care Children	57	100.0	0.031	0.075	0.009	1.39
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	108	100.0	14.5	23.4	7.22	1.19
	Urban	92	100.0	15.0	24.6	7.40	1.21
	Rural	16	100.0	11.4	15.6	6.24	1.14
	Low Income	33	100.0	8.06	8.70	4.99	1.00
	Mid/High Income	62	100.0	16.0	27.4	8.30	1.17
	Home Children	58	100.0	21.6	29.5	13.1	0.964
	Day Care Children	50	100.0	6.16	7.68	3.62	1.06
Potential Absorbed Dose in OH Adults (pmoles/kg/day)							
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	115	100.0	0.661	1.68	0.309	0.972
	Urban	99	100.0	0.728	1.80	0.325	1.02
	Rural	16	100.0	0.245	0.108	0.224	0.444
	Low Income	36	100.0	0.895	1.58	0.380	1.16
	Mid/High Income	66	100.0	0.377	0.389	0.266	0.781
	Home Children	64	100.0	0.861	2.20	0.319	1.13
	Day Care Children	51	100.0	0.410	0.454	0.296	0.731
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	99.2	69.3	112	33.7	1.23
	Urban	110	99.1	71.3	117	34.0	1.25
	Rural	17	100.0	56.0	76.1	31.5	1.12
	Low Income	41	100.0	46.5	61.5	24.8	1.11
	Mid/High Income	73	98.6	73.8	128	37.8	1.20
	Home Children	69	100.0	101	140	59.8	0.987
	Day Care Children	58	98.3	31.9	44.7	17.0	1.14
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	100.0	0.128	0.307	0.041	1.34
	Urban	103	100.0	0.144	0.328	0.046	1.36
	Rural	17	100.0	0.029	0.033	0.019	0.918
	Low Income	38	100.0	0.210	0.451	0.057	1.55
	Mid/High Income	69	100.0	0.092	0.208	0.036	1.21
	Home Children	63	100.0	0.104	0.226	0.037	1.29
	Day Care Children	57	100.0	0.154	0.377	0.045	1.39
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	108	100.0	72.9	118	36.4	1.19
	Urban	92	100.0	75.6	124	37.3	1.21
	Rural	16	100.0	57.2	78.6	31.4	1.14
	Low Income	33	100.0	40.6	43.9	25.1	1.00
	Mid/High Income	62	100.0	80.7	138	41.8	1.17
	Home Children	58	100.0	109	148	65.9	0.964
	Day Care Children	50	100.0	31.1	38.7	18.2	1.06

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected estimates is below 50%. "Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Table O-26d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Potential Absorbed Dose in OH Adults, Summarized by Exposure Pathway and Strata[a]

Exposure/Dose Parameter and Pathway	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Potential Absorbed Dose in OH Adults (ng/kg/day)								
Potential Absorbed Dose via Inhalation (ng/kg/day)	Overall	115	0.015	0.031	0.046	0.099	0.512	3.04
	Urban	99	0.015	0.031	0.046	0.119	0.618	3.04
	Rural	16	0.017	0.033	0.044	0.061	0.101	0.101
	Low Income	36	0.018	0.037	0.046	0.150	1.03	1.45
	Mid/High Income	66	0.015	0.030	0.045	0.077	0.250	0.379
	Home Children	64	0.015	0.030	0.045	0.102	0.738	3.04
	Day Care Children	51	0.018	0.036	0.049	0.077	0.242	0.512
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	Overall	127	<MDL	3.14	6.07	16.1	47.1	200
	Urban	110	<MDL	3.14	6.19	16.8	47.1	200
	Rural	17	0.624	3.23	5.66	12.1	65.4	65.4
	Low Income	41	0.793	2.49	5.02	7.56	39.1	54.2
	Mid/High Income	73	<MDL	4.32	7.79	15.5	47.1	200
	Home Children	69	1.36	5.61	10.4	22.1	56.0	200
	Day Care Children	58	<MDL	1.34	3.40	6.07	28.1	44.9
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	Overall	120	0.001	0.004	0.007	0.014	0.112	0.433
	Urban	103	0.001	0.004	0.008	0.018	0.126	0.433
	Rural	17	0.001	0.002	0.004	0.007	0.029	0.029
	Low Income	38	0.001	0.004	0.009	0.030	0.317	0.433
	Mid/High Income	69	0.001	0.003	0.007	0.013	0.085	0.260
	Home Children	63	0.001	0.003	0.007	0.014	0.090	0.260
	Day Care Children	57	0.001	0.004	0.007	0.015	0.203	0.433
Potential Absorbed Dose – Aggregated (ng/kg/day)	Overall	108	0.203	3.27	6.39	16.5	47.1	200
	Urban	92	0.203	3.37	6.60	17.7	47.1	200
	Rural	16	0.661	2.94	5.44	13.8	65.5	65.5
	Low Income	33	0.876	2.55	5.42	7.61	22.1	40.2
	Mid/High Income	62	0.203	4.90	7.92	16.9	47.1	200
	Home Children	58	2.22	6.15	11.1	23.9	65.5	200
	Day Care Children	50	0.203	2.07	3.53	6.37	18.0	43.3
Potential Absorbed Dose in OH Adults (pmoles/kg/day)								
Potential Absorbed Dose via Inhalation (pmoles/kg/day)	Overall	115	0.073	0.159	0.230	0.498	2.58	15.3
	Urban	99	0.073	0.158	0.233	0.601	3.11	15.3
	Rural	16	0.086	0.164	0.222	0.305	0.507	0.507
	Low Income	36	0.091	0.184	0.230	0.757	5.21	7.33
	Mid/High Income	66	0.073	0.149	0.227	0.390	1.26	1.91
	Home Children	64	0.073	0.149	0.226	0.515	3.72	15.3
	Day Care Children	51	0.091	0.182	0.247	0.390	1.22	2.58
Potential Absorbed Dose via Dietary Ingestion (pmoles/kg/day)	Overall	127	<MDL	15.8	30.6	81.4	237	1,010
	Urban	110	<MDL	15.8	31.2	84.8	237	1,010
	Rural	17	3.15	16.3	28.5	61.2	330	330
	Low Income	41	4.00	12.6	25.3	38.1	197	273
	Mid/High Income	73	<MDL	21.8	39.3	78.0	237	1,010
	Home Children	69	6.86	28.3	52.2	111	282	1,010
	Day Care Children	58	<MDL	6.77	17.1	30.6	142	226
Potential Absorbed Dose via Indirect Ingestion (pmoles/kg/day)	Overall	120	0.003	0.018	0.034	0.073	0.564	2.18
	Urban	103	0.003	0.019	0.038	0.089	0.637	2.18
	Rural	17	0.005	0.010	0.020	0.034	0.145	0.145
	Low Income	38	0.003	0.020	0.044	0.151	1.60	2.18
	Mid/High Income	69	0.005	0.017	0.034	0.063	0.431	1.31
	Home Children	63	0.005	0.013	0.034	0.070	0.455	1.31
	Day Care Children	57	0.003	0.019	0.034	0.074	1.02	2.18
Potential Absorbed Dose – Aggregated (pmoles/kg/day)	Overall	108	1.02	16.5	32.2	83.3	237	1,010
	Urban	92	1.02	17.0	33.3	89.1	237	1,010
	Rural	16	3.33	14.8	27.4	69.7	330	330
	Low Income	33	4.42	12.8	27.3	38.3	112	203
	Mid/High Income	62	1.02	24.7	39.9	85.0	237	1,010
	Home Children	58	11.2	31.0	55.8	120	330	1,010
	Day Care Children	50	1.02	10.5	17.8	32.1	90.9	218

[a] Estimates are labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries."Potential Absorbed Dose" was calculated as the Potential Exposure times 50% (the assumed absorption factor into the body), divided by the subject's body weight.

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Appendix P

Descriptive Statistics of Urinary Biomarker Concentrations for Target Pollutants in NC Study Participants

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This appendix contains tables of descriptive statistics of urine biomarker data (unadjusted, adjusted for specific gravity, and adjusted for creatinine levels, with units expressed in both ng and pmoles) in NC children and adults for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers (Children)	Table Numbers (Adults)
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables P-1a, P-1b	Tables P-1c, P-1d
1-hydroxybenz[*a*]anthracene	Tables P-2a, P-2b	Tables P-2c, P-2d
3-hydroxychrysene	Tables P-3a, P-3b	Tables P-3c, P-3d
Pentachlorophenol	Tables P-4a, P-4b	Tables P-4c, P-4d
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables P-5a, P-5b	Tables P-5c, P-5d

Descriptive statistics are presented separately for the following groups of participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Stay-at-home children (or their caregivers)
- Day care children (or their caregivers)

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Table P-1a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	93.8	0.775	0.561	0.594	0.759
	Urban	107	93.5	0.812	0.575	0.624	0.768
	Rural	21	95.2	0.583	0.453	0.465	0.670
	Low Income	59	96.6	0.836	0.558	0.665	0.710
	Mid/High Income	65	90.8	0.707	0.573	0.522	0.799
	Home Children	65	87.7	0.715	0.556	0.519	0.841
	Day Care Children	63	100.0	0.836	0.565	0.684	0.640
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	93.8	0.758	0.549	0.582	0.758
	Urban	107	93.5	0.795	0.562	0.611	0.768
	Rural	21	95.2	0.571	0.442	0.456	0.669
	Low Income	59	96.6	0.819	0.546	0.652	0.710
	Mid/High Income	65	90.8	0.692	0.561	0.511	0.799
	Home Children	65	87.7	0.700	0.545	0.508	0.841
	Day Care Children	63	100.0	0.819	0.552	0.670	0.638
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	110	93.6	1.16	0.761	0.933	0.687
	Urban	93	93.5	1.19	0.795	0.947	0.703
	Rural	17	94.1	1.00	0.536	0.862	0.610
	Low Income	49	98.0	1.23	0.733	1.04	0.584
	Mid/High Income	57	89.5	1.08	0.792	0.835	0.764
	Home Children	55	87.3	1.16	0.873	0.869	0.809
	Day Care Children	55	100.0	1.15	0.639	1.00	0.537
Urinary concentration (pmoles/mL)	Overall	128	93.8	3.50	2.54	2.69	0.759
	Urban	107	93.5	3.67	2.60	2.82	0.768
	Rural	21	95.2	2.64	2.05	2.10	0.670
	Low Income	59	96.6	3.78	2.52	3.01	0.710
	Mid/High Income	65	90.8	3.20	2.59	2.36	0.799
	Home Children	65	87.7	3.23	2.52	2.35	0.841
	Day Care Children	63	100.0	3.78	2.55	3.09	0.640
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	93.8	3.43	2.48	2.63	0.758
	Urban	107	93.5	3.60	2.54	2.76	0.768
	Rural	21	95.2	2.59	2.00	2.06	0.669
	Low Income	59	96.6	3.70	2.47	2.95	0.710
	Mid/High Income	65	90.8	3.13	2.54	2.31	0.799
	Home Children	65	87.7	3.17	2.46	2.30	0.841
	Day Care Children	63	100.0	3.70	2.50	3.03	0.638
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	93.6	0.592	0.389	0.477	0.687
	Urban	93	93.5	0.606	0.406	0.484	0.703
	Rural	17	94.1	0.513	0.274	0.441	0.610
	Low Income	49	98.0	0.627	0.375	0.532	0.584
	Mid/High Income	57	89.5	0.555	0.405	0.427	0.764
	Home Children	55	87.3	0.594	0.446	0.444	0.809
	Day Care Children	55	100.0	0.590	0.326	0.512	0.537

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-1b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	0.343	0.652	1.09	1.97	2.64
	Urban	107	<MDL	0.349	0.690	1.10	2.11	2.64
	Rural	21	<MDL	0.280	0.430	0.656	1.40	1.97
	Low Income	59	<MDL	0.405	0.736	1.10	1.97	2.64
	Mid/High Income	65	<MDL	0.276	0.510	0.945	2.11	2.61
	Home Children	65	<MDL	0.245	0.510	1.07	1.93	2.41
	Day Care Children	63	0.172	0.412	0.707	1.10	2.17	2.64
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	0.336	0.639	1.07	1.92	2.57
	Urban	107	<MDL	0.344	0.673	1.08	2.06	2.57
	Rural	21	<MDL	0.276	0.420	0.647	1.37	1.92
	Low Income	59	<MDL	0.396	0.721	1.08	1.92	2.57
	Mid/High Income	65	<MDL	0.270	0.498	0.922	2.06	2.54
	Home Children	65	<MDL	0.240	0.498	1.05	1.89	2.38
	Day Care Children	63	0.170	0.401	0.686	1.08	2.13	2.57
Urinary concentration adjusted for creatinine (ng/mg)	Overall	110	<MDL	0.598	0.975	1.47	2.60	3.92
	Urban	93	<MDL	0.580	0.998	1.48	2.62	3.92
	Rural	17	<MDL	0.732	0.898	1.29	2.33	2.33
	Low Income	49	<MDL	0.703	1.10	1.62	2.60	3.51
	Mid/High Income	57	<MDL	0.518	0.931	1.40	2.62	3.92
	Home Children	55	<MDL	0.518	0.984	1.43	3.35	3.92
	Day Care Children	55	0.351	0.703	0.966	1.53	2.52	3.44
Urinary concentration (pmoles/mL)	Overall	128	<MDL	1.55	2.95	4.95	8.91	11.9
	Urban	107	<MDL	1.58	3.12	5.00	9.55	11.9
	Rural	21	<MDL	1.27	1.95	2.97	6.33	8.91
	Low Income	59	<MDL	1.83	3.33	5.00	8.91	11.9
	Mid/High Income	65	<MDL	1.25	2.31	4.27	9.55	11.8
	Home Children	65	<MDL	1.11	2.31	4.84	8.73	10.9
	Day Care Children	63	0.780	1.86	3.20	5.00	9.83	11.9
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	1.52	2.89	4.82	8.70	11.6
	Urban	107	<MDL	1.56	3.05	4.87	9.31	11.6
	Rural	21	<MDL	1.25	1.90	2.93	6.18	8.70
	Low Income	59	<MDL	1.79	3.26	4.87	8.70	11.6
	Mid/High Income	65	<MDL	1.22	2.25	4.17	9.31	11.5
	Home Children	65	<MDL	1.09	2.25	4.77	8.56	10.8
	Day Care Children	63	0.770	1.81	3.10	4.87	9.61	11.6
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	<MDL	0.306	0.498	0.752	1.33	2.01
	Urban	93	<MDL	0.296	0.510	0.756	1.34	2.01
	Rural	17	<MDL	0.374	0.459	0.659	1.19	1.19
	Low Income	49	<MDL	0.359	0.561	0.829	1.33	1.79
	Mid/High Income	57	<MDL	0.265	0.476	0.716	1.34	2.01
	Home Children	55	<MDL	0.265	0.503	0.730	1.72	2.01
	Day Care Children	55	0.179	0.359	0.494	0.783	1.29	1.76

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-1c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	86.7	0.935	1.05	0.593	0.956
	Urban	107	86.0	0.978	1.11	0.610	0.975
	Rural	21	90.5	0.717	0.584	0.516	0.862
	Low Income	59	86.4	0.995	1.28	0.573	1.02
	Mid/High Income	65	89.2	0.920	0.808	0.645	0.891
	Home Children	65	87.7	0.927	0.978	0.603	0.941
	Day Care Children	63	85.7	0.943	1.12	0.584	0.978
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	86.7	0.914	1.02	0.580	0.956
	Urban	107	86.0	0.956	1.08	0.596	0.975
	Rural	21	90.5	0.699	0.568	0.504	0.861
	Low Income	59	86.4	0.971	1.25	0.560	1.02
	Mid/High Income	65	89.2	0.899	0.788	0.631	0.891
	Home Children	65	87.7	0.906	0.953	0.589	0.940
	Day Care Children	63	85.7	0.922	1.09	0.570	0.979
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	112	84.8	0.705	0.682	0.476	0.925
	Urban	95	84.2	0.726	0.726	0.473	0.965
	Rural	17	88.2	0.586	0.324	0.491	0.683
	Low Income	50	84.0	0.656	0.722	0.425	0.957
	Mid/High Income	58	87.9	0.774	0.659	0.556	0.853
	Home Children	55	85.5	0.811	0.771	0.558	0.912
	Day Care Children	57	84.2	0.602	0.571	0.408	0.919
Urinary concentration (pmoles/mL)	Overall	128	86.7	4.23	4.73	2.68	0.956
	Urban	107	86.0	4.43	5.03	2.76	0.975
	Rural	21	90.5	3.24	2.64	2.34	0.862
	Low Income	59	86.4	4.50	5.80	2.59	1.02
	Mid/High Income	65	89.2	4.16	3.66	2.92	0.891
	Home Children	65	87.7	4.20	4.42	2.73	0.941
	Day Care Children	63	85.7	4.27	5.07	2.64	0.978
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	86.7	4.13	4.62	2.62	0.956
	Urban	107	86.0	4.32	4.90	2.70	0.975
	Rural	21	90.5	3.16	2.57	2.28	0.861
	Low Income	59	86.4	4.40	5.65	2.53	1.02
	Mid/High Income	65	89.2	4.07	3.57	2.85	0.891
	Home Children	65	87.7	4.10	4.31	2.67	0.940
	Day Care Children	63	85.7	4.17	4.95	2.58	0.979
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	84.8	0.360	0.348	0.243	0.925
	Urban	95	84.2	0.371	0.371	0.242	0.965
	Rural	17	88.2	0.300	0.165	0.251	0.683
	Low Income	50	84.0	0.335	0.369	0.217	0.957
	Mid/High Income	58	87.9	0.396	0.337	0.284	0.853
	Home Children	55	85.5	0.415	0.394	0.285	0.912
	Day Care Children	57	84.2	0.308	0.292	0.209	0.919

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-1d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	0.290	0.615	1.13	2.99	6.65
	Urban	107	<MDL	0.290	0.640	1.14	3.18	6.65
	Rural	21	<MDL	0.290	0.440	0.880	1.88	2.01
	Low Income	59	<MDL	0.260	0.560	1.04	4.39	6.65
	Mid/High Income	65	<MDL	0.350	0.720	1.14	2.18	4.64
	Home Children	65	<MDL	0.320	0.590	1.11	2.79	5.07
	Day Care Children	63	<MDL	0.260	0.660	1.14	2.99	6.65
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	0.284	0.604	1.10	2.95	6.46
	Urban	107	<MDL	0.282	0.631	1.12	3.10	6.46
	Rural	21	<MDL	0.286	0.431	0.867	1.83	1.96
	Low Income	59	<MDL	0.255	0.546	1.01	4.33	6.46
	Mid/High Income	65	<MDL	0.343	0.706	1.12	2.13	4.50
	Home Children	65	<MDL	0.312	0.578	1.09	2.76	4.92
	Day Care Children	63	<MDL	0.255	0.644	1.12	2.95	6.46
Urinary concentration adjusted for creatinine (ng/mg)	Overall	112	<MDL	0.267	0.498	0.869	2.20	3.89
	Urban	95	<MDL	0.256	0.494	0.926	2.30	3.89
	Rural	17	<MDL	0.427	0.507	0.709	1.46	1.46
	Low Income	50	<MDL	0.209	0.482	0.728	2.30	3.89
	Mid/High Income	58	<MDL	0.323	0.599	0.974	2.20	3.52
	Home Children	55	<MDL	0.310	0.618	0.940	2.30	3.89
	Day Care Children	57	<MDL	0.209	0.419	0.696	2.08	2.75
Urinary concentration (pmoles/mL)	Overall	128	<MDL	1.31	2.78	5.09	13.5	30.1
	Urban	107	<MDL	1.31	2.90	5.16	14.4	30.1
	Rural	21	<MDL	1.31	1.99	3.98	8.51	9.09
	Low Income	59	<MDL	1.18	2.53	4.71	19.9	30.1
	Mid/High Income	65	<MDL	1.58	3.26	5.16	9.86	21.0
	Home Children	65	<MDL	1.45	2.67	5.02	12.6	22.9
	Day Care Children	63	<MDL	1.18	2.99	5.16	13.5	30.1
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	1.28	2.73	4.99	13.3	29.2
	Urban	107	<MDL	1.27	2.85	5.06	14.0	29.2
	Rural	21	<MDL	1.29	1.95	3.92	8.26	8.87
	Low Income	59	<MDL	1.15	2.47	4.59	19.6	29.2
	Mid/High Income	65	<MDL	1.55	3.19	5.08	9.62	20.4
	Home Children	65	<MDL	1.41	2.62	4.95	12.5	22.3
	Day Care Children	63	<MDL	1.15	2.91	5.06	13.3	29.2
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	<MDL	0.136	0.255	0.444	1.13	1.99
	Urban	95	<MDL	0.131	0.252	0.473	1.18	1.99
	Rural	17	<MDL	0.218	0.259	0.363	0.747	0.747
	Low Income	50	<MDL	0.107	0.246	0.372	1.18	1.99
	Mid/High Income	58	<MDL	0.165	0.306	0.498	1.13	1.80
	Home Children	55	<MDL	0.159	0.316	0.481	1.18	1.99
	Day Care Children	57	<MDL	0.107	0.214	0.356	1.06	1.41

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-2a. 1-hydroxybenz[*a*]anthracene (69847-26-3): Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	0.0	--	--	--	--
	Home Children	65	1.5	--	--	--	--
	Day Care Children	63	1.6	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	0.0	--	--	--	--
	Home Children	65	1.5	--	--	--	--
	Day Care Children	63	1.6	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	110	1.8	--	--	--	--
	Urban	93	2.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	49	4.1	--	--	--	--
	Mid/High Income	57	0.0	--	--	--	--
	Home Children	55	1.8	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	0.0	--	--	--	--
	Home Children	65	1.5	--	--	--	--
	Day Care Children	63	1.6	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	1.6	--	--	--	--
	Urban	107	1.9	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	0.0	--	--	--	--
	Home Children	65	1.5	--	--	--	--
	Day Care Children	63	1.6	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	1.8	--	--	--	--
	Urban	93	2.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	49	4.1	--	--	--	--
	Mid/High Income	57	0.0	--	--	--	--
	Home Children	55	1.8	--	--	--	--
	Day Care Children	55	1.8	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-2b. 1-hydroxybenz[*a*]anthracene (69847-26-3): Range of Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	2.37
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	2.37
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	2.37
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	2.37
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.398
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	2.32
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	2.32
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	2.32
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	2.32
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.391
Urinary concentration adjusted for creatinine (ng/mg)	Overall	110	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	49	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Mid/High Income	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	2.07
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	0.571
Urinary concentration (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	9.70
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	9.70
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	9.70
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	9.70
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.63
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	9.51
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	9.51
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	9.51
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	9.51
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.60
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	<MDL	<MDL	<MDL	<MDL	<MDL	0.959
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	0.959
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	49	<MDL	<MDL	<MDL	<MDL	<MDL	0.959
	Mid/High Income	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	0.959
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	0.264

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-2c. 1-hydroxybenz[*a*]anthracene (69847-26-3): Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	31.3	--	--	--	--
	Urban	107	31.8	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	59	27.1	--	--	--	--
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	65	35.4	--	--	--	--
	Day Care Children	63	27.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	31.3	--	--	--	--
	Urban	107	31.8	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	59	27.1	--	--	--	--
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	65	35.4	--	--	--	--
	Day Care Children	63	27.0	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	112	32.1	--	--	--	--
	Urban	95	31.6	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	50	28.0	--	--	--	--
	Mid/High Income	58	34.5	--	--	--	--
	Home Children	55	36.4	--	--	--	--
	Day Care Children	57	28.1	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	128	31.3	--	--	--	--
	Urban	107	31.8	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	59	27.1	--	--	--	--
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	65	35.4	--	--	--	--
	Day Care Children	63	27.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	31.3	--	--	--	--
	Urban	107	31.8	--	--	--	--
	Rural	21	28.6	--	--	--	--
	Low Income	59	27.1	--	--	--	--
	Mid/High Income	65	33.8	--	--	--	--
	Home Children	65	35.4	--	--	--	--
	Day Care Children	63	27.0	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	32.1	--	--	--	--
	Urban	95	31.6	--	--	--	--
	Rural	17	35.3	--	--	--	--
	Low Income	50	28.0	--	--	--	--
	Mid/High Income	58	34.5	--	--	--	--
	Home Children	55	36.4	--	--	--	--
	Day Care Children	57	28.1	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-2d. 1-hydroxybenz[*a*]anthracene (69847-26-3): Range of Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	<MDL	<MDL	0.245	0.990	3.74
	Urban	107	<MDL	<MDL	<MDL	0.250	0.990	3.74
	Rural	21	<MDL	<MDL	<MDL	0.210	0.660	1.24
	Low Income	59	<MDL	<MDL	<MDL	0.250	1.24	2.18
	Mid/High Income	65	<MDL	<MDL	<MDL	0.240	0.930	1.70
	Home Children	65	<MDL	<MDL	<MDL	0.255	1.04	3.74
	Day Care Children	63	<MDL	<MDL	<MDL	0.230	0.650	2.18
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	<MDL	<MDL	0.240	0.966	3.67
	Urban	107	<MDL	<MDL	<MDL	0.245	0.966	3.67
	Rural	21	<MDL	<MDL	<MDL	0.206	0.641	1.22
	Low Income	59	<MDL	<MDL	<MDL	0.244	1.22	2.14
	Mid/High Income	65	<MDL	<MDL	<MDL	0.233	0.916	1.66
	Home Children	65	<MDL	<MDL	<MDL	0.248	1.02	3.67
	Day Care Children	63	<MDL	<MDL	<MDL	0.227	0.634	2.14
Urinary concentration adjusted for creatinine (ng/mg)	Overall	112	<MDL	<MDL	<MDL	0.246	0.964	4.48
	Urban	95	<MDL	<MDL	<MDL	0.248	0.964	4.48
	Rural	17	<MDL	<MDL	<MDL	0.238	1.25	1.25
	Low Income	50	<MDL	<MDL	<MDL	0.176	0.670	1.72
	Mid/High Income	58	<MDL	<MDL	<MDL	0.248	0.964	1.13
	Home Children	55	<MDL	<MDL	<MDL	0.350	1.13	4.48
	Day Care Children	57	<MDL	<MDL	<MDL	0.152	0.580	1.72
Urinary concentration (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	1.00	4.05	15.3
	Urban	107	<MDL	<MDL	<MDL	1.02	4.05	15.3
	Rural	21	<MDL	<MDL	<MDL	0.860	2.70	5.08
	Low Income	59	<MDL	<MDL	<MDL	1.02	5.08	8.92
	Mid/High Income	65	<MDL	<MDL	<MDL	0.982	3.81	6.96
	Home Children	65	<MDL	<MDL	<MDL	1.04	4.26	15.3
	Day Care Children	63	<MDL	<MDL	<MDL	0.942	2.66	8.92
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	0.981	3.95	15.0
	Urban	107	<MDL	<MDL	<MDL	1.00	3.95	15.0
	Rural	21	<MDL	<MDL	<MDL	0.843	2.62	5.00
	Low Income	59	<MDL	<MDL	<MDL	0.998	5.00	8.75
	Mid/High Income	65	<MDL	<MDL	<MDL	0.954	3.75	6.79
	Home Children	65	<MDL	<MDL	<MDL	1.02	4.19	15.0
	Day Care Children	63	<MDL	<MDL	<MDL	0.928	2.60	8.75
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	<MDL	<MDL	<MDL	0.114	0.446	2.07
	Urban	95	<MDL	<MDL	<MDL	0.115	0.446	2.07
	Rural	17	<MDL	<MDL	<MDL	0.110	0.579	0.579
	Low Income	50	<MDL	<MDL	<MDL	0.081	0.310	0.798
	Mid/High Income	58	<MDL	<MDL	<MDL	0.115	0.446	0.521
	Home Children	55	<MDL	<MDL	<MDL	0.162	0.521	2.07
	Day Care Children	57	<MDL	<MDL	<MDL	0.070	0.268	0.798

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-3a. 3-hydroxychrysene (63019-39-6): Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	2.3	--	--	--	--
	Urban	107	2.8	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	63	4.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	2.3	--	--	--	--
	Urban	107	2.8	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	63	4.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	110	2.7	--	--	--	--
	Urban	93	3.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	49	4.1	--	--	--	--
	Mid/High Income	57	1.8	--	--	--	--
	Home Children	55	0.0	--	--	--	--
	Day Care Children	55	5.5	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	128	2.3	--	--	--	--
	Urban	107	2.8	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	63	4.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	2.3	--	--	--	--
	Urban	107	2.8	--	--	--	--
	Rural	21	0.0	--	--	--	--
	Low Income	59	3.4	--	--	--	--
	Mid/High Income	65	1.5	--	--	--	--
	Home Children	65	0.0	--	--	--	--
	Day Care Children	63	4.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	2.7	--	--	--	--
	Urban	93	3.2	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	49	4.1	--	--	--	--
	Mid/High Income	57	1.8	--	--	--	--
	Home Children	55	0.0	--	--	--	--
	Day Care Children	55	5.5	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-3b. 3-hydroxychrysene (63019-39-6): Range of Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	0.574
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	0.574
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	0.574
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.232
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.574
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	0.564
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	0.564
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	0.564
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.227
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.564
Urinary concentration adjusted for creatinine (ng/mg)	Overall	110	<MDL	<MDL	<MDL	<MDL	<MDL	0.824
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	0.824
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	49	<MDL	<MDL	<MDL	<MDL	<MDL	0.824
	Mid/High Income	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.553
	Home Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	0.523	0.824
Urinary concentration (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	2.35
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	2.35
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	2.35
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.949
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	2.35
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	<MDL	2.31
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	2.31
	Rural	21	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	59	<MDL	<MDL	<MDL	<MDL	<MDL	2.31
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.928
	Home Children	65	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	<MDL	2.31
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	<MDL	<MDL	<MDL	<MDL	<MDL	0.381
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	0.381
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	49	<MDL	<MDL	<MDL	<MDL	<MDL	0.381
	Mid/High Income	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.256
	Home Children	55	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	55	<MDL	<MDL	<MDL	<MDL	0.242	0.381

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-3c. 3-hydroxychrysene (63019-39-6): Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	7.8	--	--	--	--
	Urban	107	6.5	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	59	13.6	--	--	--	--
	Mid/High Income	65	3.1	--	--	--	--
	Home Children	65	7.7	--	--	--	--
	Day Care Children	63	7.9	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	7.8	--	--	--	--
	Urban	107	6.5	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	59	13.6	--	--	--	--
	Mid/High Income	65	3.1	--	--	--	--
	Home Children	65	7.7	--	--	--	--
	Day Care Children	63	7.9	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	112	8.9	--	--	--	--
	Urban	95	7.4	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	50	16.0	--	--	--	--
	Mid/High Income	58	3.4	--	--	--	--
	Home Children	55	9.1	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	128	7.8	--	--	--	--
	Urban	107	6.5	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	59	13.6	--	--	--	--
	Mid/High Income	65	3.1	--	--	--	--
	Home Children	65	7.7	--	--	--	--
	Day Care Children	63	7.9	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	7.8	--	--	--	--
	Urban	107	6.5	--	--	--	--
	Rural	21	14.3	--	--	--	--
	Low Income	59	13.6	--	--	--	--
	Mid/High Income	65	3.1	--	--	--	--
	Home Children	65	7.7	--	--	--	--
	Day Care Children	63	7.9	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	8.9	--	--	--	--
	Urban	95	7.4	--	--	--	--
	Rural	17	17.6	--	--	--	--
	Low Income	50	16.0	--	--	--	--
	Mid/High Income	58	3.4	--	--	--	--
	Home Children	55	9.1	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-3d. 3-hydroxychrysene (63019-39-6): Range of Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	0.220	1.15
	Urban	107	<MDL	<MDL	<MDL	<MDL	0.220	1.11
	Rural	21	<MDL	<MDL	<MDL	<MDL	0.550	1.15
	Low Income	59	<MDL	<MDL	<MDL	<MDL	0.610	1.15
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.220
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.220	0.610
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	0.220	1.15
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	0.215	1.12
	Urban	107	<MDL	<MDL	<MDL	<MDL	0.215	1.08
	Rural	21	<MDL	<MDL	<MDL	<MDL	0.542	1.12
	Low Income	59	<MDL	<MDL	<MDL	<MDL	0.604	1.12
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.215
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.215	0.604
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	0.215	1.12
Urinary concentration adjusted for creatinine (ng/mg)	Overall	112	<MDL	<MDL	<MDL	<MDL	0.271	0.851
	Urban	95	<MDL	<MDL	<MDL	<MDL	0.269	0.851
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.734	0.734
	Low Income	50	<MDL	<MDL	<MDL	<MDL	0.670	0.851
	Mid/High Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.271
	Home Children	55	<MDL	<MDL	<MDL	<MDL	0.271	0.851
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.496	0.734
Urinary concentration (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	0.901	4.71
	Urban	107	<MDL	<MDL	<MDL	<MDL	0.901	4.54
	Rural	21	<MDL	<MDL	<MDL	<MDL	2.25	4.71
	Low Income	59	<MDL	<MDL	<MDL	<MDL	2.50	4.71
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.901
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.901	2.50
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	0.901	4.71
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	<MDL	<MDL	<MDL	0.879	4.59
	Urban	107	<MDL	<MDL	<MDL	<MDL	0.879	4.43
	Rural	21	<MDL	<MDL	<MDL	<MDL	2.22	4.59
	Low Income	59	<MDL	<MDL	<MDL	<MDL	2.47	4.59
	Mid/High Income	65	<MDL	<MDL	<MDL	<MDL	<MDL	0.879
	Home Children	65	<MDL	<MDL	<MDL	<MDL	0.879	2.47
	Day Care Children	63	<MDL	<MDL	<MDL	<MDL	0.879	4.59
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	<MDL	<MDL	<MDL	<MDL	0.126	0.394
	Urban	95	<MDL	<MDL	<MDL	<MDL	0.124	0.394
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.340	0.340
	Low Income	50	<MDL	<MDL	<MDL	<MDL	0.310	0.394
	Mid/High Income	58	<MDL	<MDL	<MDL	<MDL	<MDL	0.126
	Home Children	55	<MDL	<MDL	<MDL	<MDL	0.126	0.394
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.229	0.340

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-4a. Pentachlorophenol (87-86-5): Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	89.1	0.605	0.629	0.433	0.766
	Urban	107	88.8	0.639	0.672	0.447	0.798
	Rural	21	90.5	0.433	0.280	0.369	0.564
	Low Income	59	94.9	0.659	0.625	0.498	0.705
	Mid/High Income	65	84.6	0.571	0.649	0.388	0.810
	Home Children	65	80.0	0.642	0.734	0.419	0.876
	Day Care Children	63	98.4	0.567	0.500	0.448	0.637
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	89.1	0.592	0.615	0.424	0.765
	Urban	107	88.8	0.625	0.658	0.437	0.797
	Rural	21	90.5	0.425	0.273	0.363	0.564
	Low Income	59	94.9	0.645	0.611	0.488	0.705
	Mid/High Income	65	84.6	0.559	0.636	0.380	0.810
	Home Children	65	80.0	0.629	0.720	0.410	0.877
	Day Care Children	63	98.4	0.555	0.488	0.439	0.636
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	110	88.2	0.898	0.946	0.643	0.763
	Urban	93	88.2	0.940	1.01	0.653	0.802
	Rural	17	88.2	0.665	0.323	0.593	0.506
	Low Income	49	93.9	0.913	0.752	0.710	0.696
	Mid/High Income	57	84.2	0.915	1.11	0.610	0.821
	Home Children	55	78.2	0.991	1.11	0.665	0.853
	Day Care Children	55	98.2	0.804	0.741	0.622	0.667
Urinary concentration (pmoles/mL)	Overall	128	89.1	2.27	2.36	1.63	0.766
	Urban	107	88.8	2.40	2.52	1.68	0.798
	Rural	21	90.5	1.63	1.05	1.39	0.564
	Low Income	59	94.9	2.47	2.35	1.87	0.705
	Mid/High Income	65	84.6	2.14	2.44	1.46	0.810
	Home Children	65	80.0	2.41	2.76	1.57	0.876
	Day Care Children	63	98.4	2.13	1.88	1.68	0.637
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	89.1	2.22	2.31	1.59	0.765
	Urban	107	88.8	2.35	2.47	1.64	0.797
	Rural	21	90.5	1.60	1.03	1.36	0.564
	Low Income	59	94.9	2.42	2.30	1.83	0.705
	Mid/High Income	65	84.6	2.10	2.39	1.43	0.810
	Home Children	65	80.0	2.36	2.70	1.54	0.877
	Day Care Children	63	98.4	2.08	1.83	1.65	0.636
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	88.2	0.381	0.401	0.273	0.763
	Urban	93	88.2	0.399	0.430	0.277	0.802
	Rural	17	88.2	0.282	0.137	0.252	0.506
	Low Income	49	93.9	0.387	0.319	0.301	0.696
	Mid/High Income	57	84.2	0.388	0.472	0.259	0.821
	Home Children	55	78.2	0.421	0.472	0.282	0.853
	Day Care Children	55	98.2	0.341	0.315	0.264	0.667

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-4b. Pentachlorophenol (87-86-5): Range of Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	0.262	0.394	0.654	1.92	3.45
	Urban	107	<MDL	0.258	0.400	0.694	2.43	3.45
	Rural	21	<MDL	0.290	0.328	0.500	0.901	1.33
	Low Income	59	<MDL	0.296	0.460	0.773	1.92	3.45
	Mid/High Income	65	<MDL	0.220	0.335	0.564	2.43	3.08
	Home Children	65	<MDL	0.246	0.370	0.658	2.70	3.45
	Day Care Children	63	<MDL	0.281	0.402	0.646	1.38	2.84
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	0.256	0.387	0.640	1.89	3.38
	Urban	107	<MDL	0.252	0.392	0.677	2.37	3.38
	Rural	21	<MDL	0.284	0.321	0.493	0.884	1.30
	Low Income	59	<MDL	0.290	0.451	0.760	1.89	3.38
	Mid/High Income	65	<MDL	0.217	0.329	0.548	2.37	3.02
	Home Children	65	<MDL	0.243	0.365	0.645	2.66	3.38
	Day Care Children	63	<MDL	0.277	0.395	0.634	1.34	2.77
Urinary concentration adjusted for creatinine (ng/mg)	Overall	110	<MDL	0.374	0.564	0.965	3.30	6.43
	Urban	93	<MDL	0.374	0.561	1.06	3.59	6.43
	Rural	17	<MDL	0.406	0.601	0.809	1.37	1.37
	Low Income	49	<MDL	0.417	0.686	1.14	2.41	3.62
	Mid/High Income	57	<MDL	0.374	0.516	0.937	3.80	6.43
	Home Children	55	<MDL	0.350	0.583	1.15	3.59	6.43
	Day Care Children	55	<MDL	0.396	0.560	0.873	2.41	3.83
Urinary concentration (pmoles/mL)	Overall	128	<MDL	0.982	1.48	2.46	7.22	13.0
	Urban	107	<MDL	0.968	1.50	2.61	9.14	13.0
	Rural	21	<MDL	1.09	1.23	1.88	3.38	4.99
	Low Income	59	<MDL	1.11	1.73	2.90	7.22	13.0
	Mid/High Income	65	<MDL	0.826	1.26	2.12	9.14	11.6
	Home Children	65	<MDL	0.924	1.39	2.47	10.1	13.0
	Day Care Children	63	<MDL	1.06	1.51	2.43	5.17	10.7
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	0.962	1.45	2.40	7.08	12.7
	Urban	107	<MDL	0.947	1.47	2.54	8.92	12.7
	Rural	21	<MDL	1.07	1.21	1.85	3.32	4.87
	Low Income	59	<MDL	1.09	1.69	2.85	7.08	12.7
	Mid/High Income	65	<MDL	0.814	1.24	2.06	8.92	11.3
	Home Children	65	<MDL	0.913	1.37	2.42	9.99	12.7
	Day Care Children	63	<MDL	1.04	1.48	2.38	5.04	10.4
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	<MDL	0.159	0.239	0.409	1.40	2.73
	Urban	93	<MDL	0.159	0.238	0.450	1.52	2.73
	Rural	17	<MDL	0.172	0.255	0.343	0.580	0.580
	Low Income	49	<MDL	0.177	0.291	0.484	1.02	1.54
	Mid/High Income	57	<MDL	0.159	0.219	0.398	1.61	2.73
	Home Children	55	<MDL	0.148	0.247	0.486	1.52	2.73
	Day Care Children	55	<MDL	0.168	0.237	0.370	1.02	1.62

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-4c. Pentachlorophenol (87-86-5): Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	69.5	0.478	0.595	0.327	0.789
	Urban	107	70.1	0.514	0.641	0.343	0.824
	Rural	21	66.7	0.296	0.168	0.257	0.533
	Low Income	59	69.5	0.500	0.696	0.330	0.806
	Mid/High Income	65	69.2	0.470	0.509	0.328	0.796
	Home Children	65	72.3	0.461	0.494	0.331	0.759
	Day Care Children	63	66.7	0.496	0.687	0.323	0.825
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	69.5	0.467	0.579	0.320	0.788
	Urban	107	70.1	0.502	0.623	0.335	0.822
	Rural	21	66.7	0.289	0.163	0.251	0.531
	Low Income	59	69.5	0.488	0.677	0.322	0.805
	Mid/High Income	65	69.2	0.458	0.496	0.321	0.795
	Home Children	65	72.3	0.450	0.482	0.324	0.758
	Day Care Children	63	66.7	0.484	0.668	0.316	0.823
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	112	66.1	0.336	0.363	0.242	0.766
	Urban	95	67.4	0.356	0.387	0.252	0.789
	Rural	17	58.8	0.227	0.138	0.193	0.593
	Low Income	50	64.0	0.312	0.383	0.219	0.777
	Mid/High Income	58	67.2	0.363	0.357	0.264	0.772
	Home Children	55	69.1	0.368	0.347	0.279	0.706
	Day Care Children	57	63.2	0.306	0.378	0.210	0.802
Urinary concentration (pmoles/mL)	Overall	128	69.5	1.80	2.23	1.23	0.789
	Urban	107	70.1	1.93	2.41	1.29	0.824
	Rural	21	66.7	1.11	0.629	0.966	0.533
	Low Income	59	69.5	1.88	2.61	1.24	0.806
	Mid/High Income	65	69.2	1.76	1.91	1.23	0.796
	Home Children	65	72.3	1.73	1.85	1.24	0.759
	Day Care Children	63	66.7	1.86	2.58	1.21	0.825
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	69.5	1.75	2.17	1.20	0.788
	Urban	107	70.1	1.88	2.34	1.26	0.822
	Rural	21	66.7	1.08	0.611	0.944	0.531
	Low Income	59	69.5	1.83	2.54	1.21	0.805
	Mid/High Income	65	69.2	1.72	1.86	1.21	0.795
	Home Children	65	72.3	1.69	1.81	1.22	0.758
	Day Care Children	63	66.7	1.82	2.51	1.18	0.823
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	66.1	0.143	0.154	0.102	0.766
	Urban	95	67.4	0.151	0.164	0.107	0.789
	Rural	17	58.8	0.096	0.058	0.082	0.593
	Low Income	50	64.0	0.132	0.163	0.093	0.777
	Mid/High Income	58	67.2	0.154	0.151	0.112	0.772
	Home Children	55	69.1	0.156	0.147	0.118	0.706
	Day Care Children	57	63.2	0.130	0.160	0.089	0.802

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-4d. Pentachlorophenol (87-86-5): Range of Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	<MDL	0.290	0.535	1.52	4.71
	Urban	107	<MDL	<MDL	0.310	0.580	1.60	4.71
	Rural	21	<MDL	<MDL	0.270	0.413	0.564	0.740
	Low Income	59	<MDL	<MDL	0.295	0.520	1.89	4.71
	Mid/High Income	65	<MDL	<MDL	0.280	0.580	1.52	3.19
	Home Children	65	<MDL	<MDL	0.295	0.560	1.34	3.19
	Day Care Children	63	<MDL	<MDL	0.280	0.520	1.52	4.71
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	<MDL	0.282	0.523	1.48	4.57
	Urban	107	<MDL	<MDL	0.301	0.563	1.56	4.57
	Rural	21	<MDL	<MDL	0.262	0.403	0.549	0.718
	Low Income	59	<MDL	<MDL	0.288	0.505	1.84	4.57
	Mid/High Income	65	<MDL	<MDL	0.276	0.569	1.48	3.11
	Home Children	65	<MDL	<MDL	0.288	0.544	1.31	3.11
	Day Care Children	63	<MDL	<MDL	0.273	0.510	1.48	4.57
Urinary concentration adjusted for creatinine (ng/mg)	Overall	112	<MDL	<MDL	0.228	0.385	0.843	2.59
	Urban	95	<MDL	<MDL	0.229	0.402	0.844	2.59
	Rural	17	<MDL	<MDL	0.179	0.311	0.575	0.575
	Low Income	50	<MDL	<MDL	0.194	0.372	0.805	2.59
	Mid/High Income	58	<MDL	<MDL	0.236	0.418	1.16	1.84
	Home Children	55	<MDL	<MDL	0.259	0.427	0.843	1.84
	Day Care Children	57	<MDL	<MDL	0.192	0.366	0.844	2.59
Urinary concentration (pmoles/mL)	Overall	128	<MDL	<MDL	1.09	2.01	5.71	17.7
	Urban	107	<MDL	<MDL	1.16	2.18	6.01	17.7
	Rural	21	<MDL	<MDL	1.01	1.55	2.12	2.78
	Low Income	59	<MDL	<MDL	1.11	1.95	7.10	17.7
	Mid/High Income	65	<MDL	<MDL	1.05	2.18	5.71	12.0
	Home Children	65	<MDL	<MDL	1.11	2.10	5.03	12.0
	Day Care Children	63	<MDL	<MDL	1.05	1.95	5.71	17.7
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	<MDL	1.06	1.96	5.54	17.2
	Urban	107	<MDL	<MDL	1.13	2.11	5.86	17.2
	Rural	21	<MDL	<MDL	0.984	1.51	2.06	2.70
	Low Income	59	<MDL	<MDL	1.08	1.90	6.92	17.2
	Mid/High Income	65	<MDL	<MDL	1.04	2.13	5.54	11.7
	Home Children	65	<MDL	<MDL	1.08	2.04	4.91	11.7
	Day Care Children	63	<MDL	<MDL	1.03	1.91	5.54	17.2
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	<MDL	<MDL	0.097	0.163	0.358	1.10
	Urban	95	<MDL	<MDL	0.097	0.171	0.358	1.10
	Rural	17	<MDL	<MDL	0.076	0.132	0.244	0.244
	Low Income	50	<MDL	<MDL	0.082	0.158	0.341	1.10
	Mid/High Income	58	<MDL	<MDL	0.100	0.177	0.490	0.781
	Home Children	55	<MDL	<MDL	0.110	0.181	0.358	0.781
	Day Care Children	57	<MDL	<MDL	0.082	0.155	0.358	1.10

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-5a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	98.4	7.28	10.3	5.22	0.741
	Urban	107	98.1	7.28	10.9	5.18	0.744
	Rural	21	100.0	7.28	6.93	5.46	0.742
	Low Income	59	98.3	6.55	7.36	4.90	0.691
	Mid/High Income	65	98.5	8.02	12.7	5.48	0.805
	Home Children	65	96.9	8.12	13.7	5.15	0.862
	Day Care Children	63	100.0	6.42	4.76	5.31	0.597
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	98.4	7.13	10.1	5.12	0.739
	Urban	107	98.1	7.13	10.7	5.07	0.742
	Rural	21	100.0	7.14	6.77	5.36	0.741
	Low Income	59	98.3	6.41	7.18	4.80	0.689
	Mid/High Income	65	98.5	7.85	12.5	5.37	0.804
	Home Children	65	96.9	7.95	13.4	5.04	0.861
	Day Care Children	63	100.0	6.28	4.65	5.20	0.595
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	110	98.2	10.5	12.4	7.96	0.663
	Urban	93	97.8	10.2	12.7	7.70	0.664
	Rural	17	100.0	12.1	10.6	9.55	0.650
	Low Income	49	98.0	9.45	10.2	7.13	0.664
	Mid/High Income	57	98.2	11.5	14.4	8.75	0.674
	Home Children	55	96.4	11.9	16.0	8.43	0.741
	Day Care Children	55	100.0	9.10	7.24	7.52	0.576
Urinary concentration (pmoles/mL)	Overall	128	98.4	36.7	52.0	26.3	0.741
	Urban	107	98.1	36.7	54.9	26.1	0.744
	Rural	21	100.0	36.7	34.9	27.5	0.742
	Low Income	59	98.3	33.0	37.1	24.7	0.691
	Mid/High Income	65	98.5	40.4	64.0	27.6	0.805
	Home Children	65	96.9	40.9	69.1	25.9	0.862
	Day Care Children	63	100.0	32.3	24.0	26.7	0.597
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	98.4	35.9	51.0	25.8	0.739
	Urban	107	98.1	35.9	53.8	25.6	0.742
	Rural	21	100.0	36.0	34.1	27.0	0.741
	Low Income	59	98.3	32.3	36.2	24.2	0.689
	Mid/High Income	65	98.5	39.6	62.8	27.1	0.804
	Home Children	65	96.9	40.1	67.7	25.4	0.861
	Day Care Children	63	100.0	31.6	23.4	26.2	0.595
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	98.2	5.98	7.07	4.53	0.663
	Urban	93	97.8	5.82	7.26	4.39	0.664
	Rural	17	100.0	6.87	6.06	5.44	0.650
	Low Income	49	98.0	5.38	5.81	4.06	0.664
	Mid/High Income	57	98.2	6.57	8.22	4.98	0.674
	Home Children	55	96.4	6.77	9.09	4.80	0.741
	Day Care Children	55	100.0	5.18	4.12	4.28	0.576

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-5b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Estimated Urinary Biomarker Concentrations in NC Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	3.70	5.26	8.18	15.5	104
	Urban	107	<MDL	3.68	5.22	8.28	14.3	104
	Rural	21	1.01	3.95	5.29	6.51	19.9	30.9
	Low Income	59	<MDL	3.40	5.08	5.86	19.9	49.1
	Mid/High Income	65	<MDL	3.81	5.22	10.1	14.7	104
	Home Children	65	<MDL	3.68	5.16	8.27	15.5	104
	Day Care Children	63	1.56	3.74	5.29	7.82	12.0	30.9
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	3.63	5.12	8.00	15.1	102
	Urban	107	<MDL	3.61	5.07	8.06	14.0	102
	Rural	21	0.993	3.87	5.18	6.41	19.5	30.1
	Low Income	59	<MDL	3.33	4.99	5.72	19.5	47.9
	Mid/High Income	65	<MDL	3.73	5.07	9.80	14.4	102
	Home Children	65	<MDL	3.61	5.06	8.10	15.1	102
	Day Care Children	63	1.54	3.68	5.18	7.68	11.7	30.1
Urinary concentration adjusted for creatinine (ng/mg)	Overall	110	<MDL	5.37	7.27	11.2	21.8	111
	Urban	93	<MDL	5.23	7.18	11.2	21.3	111
	Rural	17	2.66	6.75	9.39	11.0	40.3	40.3
	Low Income	49	<MDL	4.77	6.56	9.39	38.6	57.1
	Mid/High Income	57	<MDL	5.94	8.31	13.9	21.3	111
	Home Children	55	<MDL	5.58	7.60	13.3	23.1	111
	Day Care Children	55	2.43	5.23	7.20	9.87	21.8	40.3
Urinary concentration (pmoles/mL)	Overall	128	<MDL	18.6	26.5	41.2	78.2	522
	Urban	107	<MDL	18.5	26.3	41.7	72.2	522
	Rural	21	5.09	19.9	26.6	32.8	100	156
	Low Income	59	<MDL	17.1	25.6	29.5	100	247
	Mid/High Income	65	<MDL	19.2	26.3	50.7	74.2	522
	Home Children	65	<MDL	18.5	26.0	41.7	78.2	522
	Day Care Children	63	7.85	18.9	26.6	39.4	60.4	156
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	18.3	25.8	40.3	76.3	512
	Urban	107	<MDL	18.2	25.6	40.6	70.8	512
	Rural	21	5.00	19.5	26.1	32.3	98.4	152
	Low Income	59	<MDL	16.8	25.2	28.8	98.4	241
	Mid/High Income	65	<MDL	18.8	25.6	49.4	72.4	512
	Home Children	65	<MDL	18.2	25.5	40.8	76.3	512
	Day Care Children	63	7.75	18.5	26.1	38.7	58.9	152
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	110	<MDL	3.06	4.14	6.37	12.4	63.3
	Urban	93	<MDL	2.98	4.09	6.37	12.1	63.3
	Rural	17	1.51	3.84	5.35	6.27	23.0	23.0
	Low Income	49	<MDL	2.72	3.74	5.35	22.0	32.5
	Mid/High Income	57	<MDL	3.38	4.73	7.92	12.1	63.3
	Home Children	55	<MDL	3.18	4.33	7.57	13.2	63.3
	Day Care Children	55	1.38	2.98	4.10	5.62	12.4	23.0

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table P-5c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	128	98.4	5.42	4.09	4.28	0.682
	Urban	107	99.1	5.49	3.97	4.40	0.666
	Rural	21	95.2	5.06	4.73	3.74	0.761
	Low Income	59	96.6	4.93	4.01	3.76	0.736
	Mid/High Income	65	100.0	5.77	3.96	4.78	0.604
	Home Children	65	98.5	5.67	4.32	4.47	0.683
	Day Care Children	63	98.4	5.16	3.86	4.10	0.684
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	98.4	5.29	3.98	4.18	0.680
	Urban	107	99.1	5.36	3.87	4.30	0.664
	Rural	21	95.2	4.93	4.59	3.65	0.758
	Low Income	59	96.6	4.81	3.91	3.68	0.734
	Mid/High Income	65	100.0	5.64	3.86	4.67	0.602
	Home Children	65	98.5	5.53	4.20	4.37	0.680
	Day Care Children	63	98.4	5.04	3.75	4.00	0.683
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	112	98.2	4.07	2.84	3.31	0.654
	Urban	95	98.9	4.11	2.90	3.34	0.656
	Rural	17	94.1	3.88	2.56	3.18	0.657
	Low Income	50	96.0	3.41	2.62	2.66	0.721
	Mid/High Income	58	100.0	4.63	2.99	3.95	0.548
	Home Children	55	98.2	4.79	3.40	3.95	0.602
	Day Care Children	57	98.2	3.38	1.96	2.80	0.661
Urinary concentration (pmoles/mL)	Overall	128	98.4	27.3	20.6	21.6	0.682
	Urban	107	99.1	27.7	20.0	22.2	0.666
	Rural	21	95.2	25.5	23.8	18.8	0.761
	Low Income	59	96.6	24.9	20.2	19.0	0.736
	Mid/High Income	65	100.0	29.1	20.0	24.1	0.604
	Home Children	65	98.5	28.6	21.8	22.5	0.683
	Day Care Children	63	98.4	26.0	19.4	20.7	0.684
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	98.4	26.7	20.1	21.1	0.680
	Urban	107	99.1	27.0	19.5	21.7	0.664
	Rural	21	95.2	24.9	23.1	18.4	0.758
	Low Income	59	96.6	24.3	19.7	18.5	0.734
	Mid/High Income	65	100.0	28.4	19.5	23.5	0.602
	Home Children	65	98.5	27.9	21.2	22.0	0.680
	Day Care Children	63	98.4	25.4	18.9	20.2	0.683
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	98.2	2.32	1.62	1.89	0.654
	Urban	95	98.9	2.34	1.65	1.90	0.656
	Rural	17	94.1	2.21	1.46	1.81	0.657
	Low Income	50	96.0	1.94	1.49	1.52	0.721
	Mid/High Income	58	100.0	2.64	1.71	2.25	0.548
	Home Children	55	98.2	2.73	1.93	2.25	0.602
	Day Care Children	57	98.2	1.93	1.12	1.59	0.661

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table P-5d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Estimated Urinary Biomarker Concentrations in NC Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	128	<MDL	2.55	4.01	6.86	14.4	21.9
	Urban	107	<MDL	2.75	4.11	7.24	14.4	21.9
	Rural	21	<MDL	2.39	2.74	6.43	13.8	20.7
	Low Income	59	<MDL	2.36	3.53	6.45	14.4	20.7
	Mid/High Income	65	1.69	2.89	4.63	7.01	14.1	21.9
	Home Children	65	<MDL	2.64	4.07	7.74	14.4	21.9
	Day Care Children	63	<MDL	2.44	3.96	6.43	11.1	20.7
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	128	<MDL	2.51	3.91	6.68	14.1	21.3
	Urban	107	<MDL	2.71	4.01	7.06	14.1	21.3
	Rural	21	<MDL	2.34	2.67	6.29	13.4	20.1
	Low Income	59	<MDL	2.30	3.44	6.29	14.1	20.1
	Mid/High Income	65	1.66	2.83	4.56	6.81	13.8	21.3
	Home Children	65	<MDL	2.58	3.96	7.63	14.1	21.3
	Day Care Children	63	<MDL	2.37	3.86	6.30	10.7	20.1
Urinary concentration adjusted for creatinine (ng/mg)	Overall	112	<MDL	2.21	3.42	4.94	10.7	16.5
	Urban	95	<MDL	2.26	3.42	4.93	11.0	16.5
	Rural	17	<MDL	1.91	3.43	5.07	10.7	10.7
	Low Income	50	<MDL	1.52	2.85	4.22	9.37	14.1
	Mid/High Income	58	1.16	2.48	3.73	5.24	11.7	16.5
	Home Children	55	<MDL	2.45	3.63	5.24	11.8	16.5
	Day Care Children	57	<MDL	1.71	3.33	4.86	7.01	9.37
Urinary concentration (pmoles/mL)	Overall	128	<MDL	12.9	20.2	34.6	72.4	110
	Urban	107	<MDL	13.9	20.7	36.5	72.4	110
	Rural	21	<MDL	12.0	13.8	32.4	69.7	104
	Low Income	59	<MDL	11.9	17.8	32.5	72.4	104
	Mid/High Income	65	8.52	14.6	23.3	35.3	71.1	110
	Home Children	65	<MDL	13.3	20.5	39.0	72.4	110
	Day Care Children	63	<MDL	12.3	20.0	32.4	55.7	104
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	128	<MDL	12.6	19.7	33.6	70.9	108
	Urban	107	<MDL	13.7	20.2	35.6	70.9	108
	Rural	21	<MDL	11.8	13.5	31.7	67.7	101
	Low Income	59	<MDL	11.6	17.4	31.7	70.9	101
	Mid/High Income	65	8.35	14.3	23.0	34.3	69.4	108
	Home Children	65	<MDL	13.0	19.9	38.4	70.9	108
	Day Care Children	63	<MDL	11.9	19.5	31.8	54.1	101
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	112	<MDL	1.26	1.95	2.82	6.12	9.42
	Urban	95	<MDL	1.29	1.95	2.81	6.27	9.42
	Rural	17	<MDL	1.09	1.95	2.89	6.12	6.12
	Low Income	50	<MDL	0.863	1.62	2.40	5.33	8.02
	Mid/High Income	58	0.661	1.41	2.12	2.98	6.66	9.42
	Home Children	55	<MDL	1.39	2.07	2.98	6.69	9.42
	Day Care Children	57	<MDL	0.976	1.90	2.77	3.99	5.33

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Appendix Q

Descriptive Statistics of Urinary Biomarker Concentrations for Target Pollutants in OH Study Participants

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This appendix contains tables of descriptive statistics of urine biomarker data (unadjusted, adjusted for specific gravity, and adjusted for creatinine levels, with units expressed in both ng and pmoles) in OH children and adults for the following pollutants and metabolites:

Pollutant/Metabolite	Table Numbers (Children)	Table Numbers (Adults)
2,4-D (2,4-dichlorophenoxyacetic acid)	Tables Q-1a, Q-1b	Tables Q-1c, Q-1d
1-hydroxybenz[*a*]anthracene	Tables Q-2a, Q-2b	Tables Q-2c, Q-2d
3-hydroxybenz[*a*]anthracene	Tables Q-3a, Q-3b	Tables Q-3c, Q-3d
3-hydroxybenz[*a*]pyrene	Tables Q-4a, Q-4b	Tables Q-4c, Q-4d
3-hydroxychrysene	Tables Q-5a, Q-5b	Tables Q-5c, Q-5d
6-hydroxychrysene	Tables Q-6a, Q-6b	Tables Q-6c, Q-6d
6-hydroxyindeno[1,2,3-*cd*]pyrene	Tables Q-7a, Q-7b	Tables Q-7c, Q-7d
1-hydroxypyrene	Tables Q-8a, Q-8b	Tables Q-8c, Q-8d
Pentachlorophenol	Tables Q-9a, Q-9b	Tables Q-9c, Q-9d
3-phenoxybenzoic acid	Tables Q-10a, Q-10b	Tables Q-10c, Q-10d
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)	Tables Q-11a, Q-11b	Tables Q-11c, Q-11d

Descriptive statistics are presented separately for the following groups of participants:

- All participants
- Participants from urban areas
- Participants from rural areas
- Participants from low-income areas
- Participants from middle/upper-income areas
- Stay-at-home children (or their caregivers)
- Day care children (or their caregivers)

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Table Q-1a. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	98.4	1.32	1.59	0.927	0.794
	Urban	109	98.2	1.32	1.68	0.902	0.822
	Rural	17	100.0	1.30	0.904	1.11	0.571
	Low Income	40	100.0	1.36	1.14	1.03	0.765
	Mid/High Income	73	97.3	1.37	1.90	0.908	0.842
	Home Children	69	97.1	1.50	1.84	1.03	0.853
	Day Care Children	57	100.0	1.10	1.21	0.816	0.703
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	98.4	1.29	1.56	0.909	0.793
	Urban	109	98.2	1.29	1.64	0.884	0.822
	Rural	17	100.0	1.27	0.877	1.08	0.568
	Low Income	40	100.0	1.33	1.12	1.00	0.763
	Mid/High Income	73	97.3	1.35	1.86	0.890	0.842
	Home Children	69	97.1	1.47	1.80	1.01	0.852
	Day Care Children	57	100.0	1.08	1.19	0.800	0.703
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	98.2	1.75	1.97	1.31	0.726
	Urban	96	97.9	1.71	2.08	1.24	0.753
	Rural	15	100.0	1.98	0.988	1.82	0.404
	Low Income	38	100.0	1.77	1.35	1.37	0.731
	Mid/High Income	63	96.8	1.77	2.39	1.26	0.767
	Home Children	59	96.6	1.91	2.03	1.46	0.738
	Day Care Children	52	100.0	1.56	1.89	1.16	0.700
Urinary concentration (pmoles/mL)	Overall	126	98.4	5.97	7.21	4.20	0.794
	Urban	109	98.2	5.98	7.59	4.08	0.822
	Rural	17	100.0	5.89	4.09	5.00	0.571
	Low Income	40	100.0	6.16	5.18	4.64	0.765
	Mid/High Income	73	97.3	6.22	8.61	4.11	0.842
	Home Children	69	97.1	6.80	8.33	4.66	0.853
	Day Care Children	57	100.0	4.96	5.46	3.69	0.703
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	98.4	5.84	7.05	4.11	0.793
	Urban	109	98.2	5.85	7.43	4.00	0.822
	Rural	17	100.0	5.76	3.97	4.90	0.568
	Low Income	40	100.0	6.03	5.06	4.55	0.763
	Mid/High Income	73	97.3	6.09	8.43	4.03	0.842
	Home Children	69	97.1	6.65	8.13	4.57	0.852
	Day Care Children	57	100.0	4.86	5.36	3.62	0.703
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	98.2	0.892	1.01	0.668	0.726
	Urban	96	97.9	0.873	1.06	0.634	0.753
	Rural	15	100.0	1.01	0.505	0.932	0.404
	Low Income	38	100.0	0.904	0.692	0.700	0.731
	Mid/High Income	63	96.8	0.905	1.22	0.643	0.767
	Home Children	59	96.6	0.975	1.04	0.744	0.738
	Day Care Children	52	100.0	0.798	0.968	0.591	0.700

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-1b. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	0.566	1.02	1.35	3.59	12.5
	Urban	109	<MDL	0.560	0.994	1.34	3.59	12.5
	Rural	17	0.370	0.857	1.15	1.36	4.35	4.35
	Low Income	40	0.230	0.589	1.12	1.60	3.97	5.63
	Mid/High Income	73	<MDL	0.550	1.02	1.33	7.04	12.5
	Home Children	69	<MDL	0.710	1.16	1.44	4.35	12.5
	Day Care Children	57	0.251	0.525	0.809	1.17	3.21	7.55
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	0.552	0.992	1.33	3.49	12.2
	Urban	109	<MDL	0.546	0.973	1.31	3.49	12.2
	Rural	17	0.366	0.837	1.14	1.33	4.22	4.22
	Low Income	40	0.227	0.574	1.09	1.57	3.85	5.53
	Mid/High Income	73	<MDL	0.542	1.00	1.29	6.89	12.2
	Home Children	69	<MDL	0.696	1.14	1.40	4.22	12.2
	Day Care Children	57	0.246	0.514	0.788	1.15	3.14	7.42
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	0.842	1.39	2.01	3.41	15.4
	Urban	96	<MDL	0.785	1.34	1.89	3.41	15.4
	Rural	15	0.932	1.38	1.79	2.33	5.08	5.08
	Low Income	38	0.400	0.775	1.54	2.16	5.41	5.88
	Mid/High Income	63	<MDL	0.847	1.38	1.86	2.90	15.4
	Home Children	59	<MDL	0.989	1.52	2.23	5.08	15.4
	Day Care Children	52	0.400	0.686	1.19	1.74	3.41	13.2
Urinary concentration (pmoles/mL)	Overall	126	<MDL	2.56	4.60	6.11	16.2	56.7
	Urban	109	<MDL	2.53	4.50	6.05	16.2	56.7
	Rural	17	1.67	3.88	5.22	6.15	19.7	19.7
	Low Income	40	1.04	2.66	5.05	7.22	18.0	25.5
	Mid/High Income	73	<MDL	2.49	4.61	6.02	31.9	56.7
	Home Children	69	<MDL	3.21	5.25	6.51	19.7	56.7
	Day Care Children	57	1.14	2.38	3.66	5.28	14.5	34.2
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	2.50	4.49	6.00	15.8	55.3
	Urban	109	<MDL	2.47	4.40	5.91	15.8	55.3
	Rural	17	1.66	3.79	5.15	6.02	19.1	19.1
	Low Income	40	1.03	2.60	4.93	7.11	17.4	25.0
	Mid/High Income	73	<MDL	2.45	4.55	5.84	31.2	55.3
	Home Children	69	<MDL	3.15	5.17	6.34	19.1	55.3
	Day Care Children	57	1.11	2.32	3.56	5.20	14.2	33.6
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	0.430	0.709	1.03	1.74	7.86
	Urban	96	<MDL	0.401	0.687	0.965	1.74	7.86
	Rural	15	0.476	0.706	0.915	1.19	2.60	2.60
	Low Income	38	0.204	0.396	0.790	1.10	2.76	3.00
	Mid/High Income	63	<MDL	0.433	0.706	0.951	1.48	7.86
	Home Children	59	<MDL	0.506	0.779	1.14	2.60	7.86
	Day Care Children	52	0.204	0.351	0.609	0.890	1.74	6.77

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-1c. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	89.7	1.02	1.03	0.701	0.876
	Urban	109	89.0	1.000	1.04	0.685	0.877
	Rural	17	94.1	1.15	1.05	0.810	0.883
	Low Income	41	90.2	1.05	1.02	0.733	0.866
	Mid/High Income	72	90.3	1.02	1.10	0.689	0.895
	Home Children	69	87.0	0.999	1.16	0.647	0.928
	Day Care Children	57	93.0	1.04	0.866	0.773	0.806
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	90.4	1.00	1.01	0.694	0.868
	Urban	108	89.8	0.984	1.01	0.679	0.868
	Rural	17	94.1	1.12	1.03	0.793	0.882
	Low Income	41	90.2	1.03	0.997	0.716	0.868
	Mid/High Income	72	90.3	0.998	1.07	0.674	0.894
	Home Children	68	88.2	0.989	1.14	0.646	0.916
	Day Care Children	57	93.0	1.02	0.850	0.755	0.806
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	89.0	0.771	0.841	0.536	0.856
	Urban	94	88.3	0.766	0.856	0.527	0.873
	Rural	15	93.3	0.800	0.765	0.601	0.751
	Low Income	38	89.5	0.817	1.11	0.509	0.950
	Mid/High Income	62	88.7	0.771	0.689	0.568	0.808
	Home Children	58	86.2	0.811	0.827	0.540	0.937
	Day Care Children	51	92.2	0.725	0.863	0.532	0.762
Urinary concentration (pmoles/mL)	Overall	126	89.7	4.61	4.68	3.17	0.876
	Urban	109	89.0	4.52	4.69	3.10	0.877
	Rural	17	94.1	5.19	4.75	3.67	0.883
	Low Income	41	90.2	4.75	4.60	3.32	0.866
	Mid/High Income	72	90.3	4.62	4.96	3.12	0.895
	Home Children	69	87.0	4.52	5.26	2.93	0.928
	Day Care Children	57	93.0	4.72	3.92	3.50	0.806
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	90.4	4.54	4.59	3.14	0.868
	Urban	108	89.8	4.45	4.59	3.07	0.868
	Rural	17	94.1	5.08	4.66	3.59	0.882
	Low Income	41	90.2	4.65	4.51	3.24	0.868
	Mid/High Income	72	90.3	4.52	4.85	3.05	0.894
	Home Children	68	88.2	4.47	5.15	2.92	0.916
	Day Care Children	57	93.0	4.62	3.85	3.42	0.806
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	89.0	0.394	0.430	0.274	0.856
	Urban	94	88.3	0.392	0.438	0.269	0.873
	Rural	15	93.3	0.409	0.391	0.307	0.751
	Low Income	38	89.5	0.418	0.569	0.260	0.950
	Mid/High Income	62	88.7	0.394	0.352	0.290	0.808
	Home Children	58	86.2	0.414	0.423	0.276	0.937
	Day Care Children	51	92.2	0.371	0.441	0.272	0.762

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-1d. 2,4-D (2,4-dichlorophenoxyacetic acid) (94-75-7): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	0.410	0.710	1.24	2.82	7.31
	Urban	109	<MDL	0.405	0.690	1.19	2.82	7.31
	Rural	17	<MDL	0.440	0.830	1.38	4.36	4.36
	Low Income	41	<MDL	0.410	0.770	1.13	2.76	4.54
	Mid/High Income	72	<MDL	0.389	0.710	1.29	3.13	7.31
	Home Children	69	<MDL	0.370	0.673	1.19	3.25	7.31
	Day Care Children	57	<MDL	0.570	0.720	1.28	2.82	4.54
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	0.400	0.702	1.21	2.74	7.14
	Urban	108	<MDL	0.399	0.676	1.16	2.74	7.14
	Rural	17	<MDL	0.427	0.814	1.36	4.27	4.27
	Low Income	41	<MDL	0.400	0.751	1.10	2.72	4.50
	Mid/High Income	72	<MDL	0.383	0.691	1.26	3.05	7.14
	Home Children	68	<MDL	0.360	0.697	1.19	3.17	7.14
	Day Care Children	57	<MDL	0.556	0.702	1.25	2.74	4.50
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	0.345	0.533	0.832	2.04	6.20
	Urban	94	<MDL	0.327	0.528	0.841	2.04	6.20
	Rural	15	<MDL	0.389	0.611	0.802	3.26	3.26
	Low Income	38	<MDL	0.327	0.506	0.820	3.33	6.20
	Mid/High Income	62	<MDL	0.365	0.555	0.978	1.57	4.05
	Home Children	58	<MDL	0.315	0.551	0.904	3.26	4.05
	Day Care Children	51	<MDL	0.389	0.507	0.820	1.47	6.20
Urinary concentration (pmoles/mL)	Overall	126	<MDL	1.85	3.21	5.61	12.8	33.1
	Urban	109	<MDL	1.83	3.12	5.38	12.8	33.1
	Rural	17	<MDL	1.99	3.75	6.24	19.7	19.7
	Low Income	41	<MDL	1.85	3.48	5.11	12.5	20.5
	Mid/High Income	72	<MDL	1.76	3.21	5.84	14.2	33.1
	Home Children	69	<MDL	1.67	3.05	5.38	14.7	33.1
	Day Care Children	57	<MDL	2.58	3.26	5.79	12.8	20.5
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	1.81	3.18	5.47	12.4	32.3
	Urban	108	<MDL	1.81	3.06	5.26	12.4	32.3
	Rural	17	<MDL	1.93	3.68	6.15	19.3	19.3
	Low Income	41	<MDL	1.81	3.40	4.99	12.3	20.3
	Mid/High Income	72	<MDL	1.73	3.13	5.68	13.8	32.3
	Home Children	68	<MDL	1.63	3.15	5.36	14.3	32.3
	Day Care Children	57	<MDL	2.52	3.18	5.65	12.4	20.3
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	0.177	0.272	0.425	1.04	3.17
	Urban	94	<MDL	0.167	0.270	0.430	1.04	3.17
	Rural	15	<MDL	0.199	0.312	0.410	1.67	1.67
	Low Income	38	<MDL	0.167	0.259	0.419	1.70	3.17
	Mid/High Income	62	<MDL	0.187	0.284	0.500	0.803	2.07
	Home Children	58	<MDL	0.161	0.282	0.462	1.67	2.07
	Day Care Children	51	<MDL	0.199	0.259	0.419	0.750	3.17

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-2a. 1-hydroxybenz[*a*]anthracene (69847-26-3): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	4.8	--	--	--	--
	Urban	109	4.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	73	4.1	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	4.8	--	--	--	--
	Urban	109	4.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	73	4.1	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	3.6	--	--	--	--
	Urban	96	4.2	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	5.3	--	--	--	--
	Mid/High Income	63	3.2	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	7.7	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	4.8	--	--	--	--
	Urban	109	4.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	73	4.1	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	4.8	--	--	--	--
	Urban	109	4.6	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	5.0	--	--	--	--
	Mid/High Income	73	4.1	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	8.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	3.6	--	--	--	--
	Urban	96	4.2	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	5.3	--	--	--	--
	Mid/High Income	63	3.2	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	7.7	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-2b. 1-hydroxybenz[*a*]anthracene (69847-26-3): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.153	0.153
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.199
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.150
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.184	0.799
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.780
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.780
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.150	0.150
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.780
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.194
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.146
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.180	0.780
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.852
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.679
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	0.599	0.679
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.852
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	0.353	0.679
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	3.27
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	3.27
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.628	0.628
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	3.27
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.815
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.613
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.754	3.27
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	3.19
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	3.19
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.613	0.613
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	3.19
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.795
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.599
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.736	3.19
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.394
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.314
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	0.277	0.314
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.394
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	0.163	0.314

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-2c. 1-hydroxybenz[*a*]anthracene (69847-26-3): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	27.8	--	--	--	--
	Urban	109	27.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	29.3	--	--	--	--
	Mid/High Income	72	23.6	--	--	--	--
	Home Children	69	26.1	--	--	--	--
	Day Care Children	57	29.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	27.2	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	29.3	--	--	--	--
	Mid/High Income	72	23.6	--	--	--	--
	Home Children	68	25.0	--	--	--	--
	Day Care Children	57	29.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	22.9	--	--	--	--
	Urban	94	23.4	--	--	--	--
	Rural	15	20.0	--	--	--	--
	Low Income	38	28.9	--	--	--	--
	Mid/High Income	62	19.4	--	--	--	--
	Home Children	58	19.0	--	--	--	--
	Day Care Children	51	27.5	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	27.8	--	--	--	--
	Urban	109	27.5	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	29.3	--	--	--	--
	Mid/High Income	72	23.6	--	--	--	--
	Home Children	69	26.1	--	--	--	--
	Day Care Children	57	29.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	27.2	--	--	--	--
	Urban	108	26.9	--	--	--	--
	Rural	17	29.4	--	--	--	--
	Low Income	41	29.3	--	--	--	--
	Mid/High Income	72	23.6	--	--	--	--
	Home Children	68	25.0	--	--	--	--
	Day Care Children	57	29.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	22.9	--	--	--	--
	Urban	94	23.4	--	--	--	--
	Rural	15	20.0	--	--	--	--
	Low Income	38	28.9	--	--	--	--
	Mid/High Income	62	19.4	--	--	--	--
	Home Children	58	19.0	--	--	--	--
	Day Care Children	51	27.5	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-2d. 1-hydroxybenz[*a*]anthracene (69847-26-3): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	0.150	0.600	29.3
	Urban	109	<MDL	<MDL	<MDL	0.150	0.520	29.3
	Rural	17	<MDL	<MDL	<MDL	0.141	1.09	1.09
	Low Income	41	<MDL	<MDL	<MDL	0.200	0.390	23.1
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	0.710	29.3
	Home Children	69	<MDL	<MDL	<MDL	0.141	0.520	1.09
	Day Care Children	57	<MDL	<MDL	<MDL	0.200	0.780	29.3
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	<MDL	0.141	0.588	28.6
	Urban	108	<MDL	<MDL	<MDL	0.144	0.505	28.6
	Rural	17	<MDL	<MDL	<MDL	0.140	1.07	1.07
	Low Income	41	<MDL	<MDL	<MDL	0.195	0.380	22.6
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	0.693	28.6
	Home Children	68	<MDL	<MDL	<MDL	<MDL	0.505	1.07
	Day Care Children	57	<MDL	<MDL	<MDL	0.195	0.757	28.6
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	<MDL	<MDL	0.802	41.9
	Urban	94	<MDL	<MDL	<MDL	<MDL	0.857	41.9
	Rural	15	<MDL	<MDL	<MDL	<MDL	0.802	0.802
	Low Income	38	<MDL	<MDL	<MDL	0.152	0.319	18.8
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	0.857	41.9
	Home Children	58	<MDL	<MDL	<MDL	<MDL	0.857	1.38
	Day Care Children	51	<MDL	<MDL	<MDL	0.154	0.381	41.9
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	0.613	2.46	120
	Urban	109	<MDL	<MDL	<MDL	0.613	2.13	120
	Rural	17	<MDL	<MDL	<MDL	0.579	4.46	4.46
	Low Income	41	<MDL	<MDL	<MDL	0.819	1.60	94.8
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	2.91	120
	Home Children	69	<MDL	<MDL	<MDL	0.579	2.13	4.46
	Day Care Children	57	<MDL	<MDL	<MDL	0.819	3.19	120
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	0.579	2.41	117
	Urban	108	<MDL	<MDL	<MDL	0.588	2.07	117
	Rural	17	<MDL	<MDL	<MDL	0.573	4.37	4.37
	Low Income	41	<MDL	<MDL	<MDL	0.799	1.56	92.5
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	2.84	117
	Home Children	68	<MDL	<MDL	<MDL	<MDL	2.07	4.37
	Day Care Children	57	<MDL	<MDL	<MDL	0.799	3.10	117
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	<MDL	<MDL	0.371	19.4
	Urban	94	<MDL	<MDL	<MDL	<MDL	0.396	19.4
	Rural	15	<MDL	<MDL	<MDL	<MDL	0.371	0.371
	Low Income	38	<MDL	<MDL	<MDL	0.070	0.148	8.68
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	0.396	19.4
	Home Children	58	<MDL	<MDL	<MDL	<MDL	0.396	0.641
	Day Care Children	51	<MDL	<MDL	<MDL	0.071	0.176	19.4

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-3a. 3-hydroxybenz[*a*]anthracene (4834-35-9): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	0.9	--	--	--	--
	Urban	96	1.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	2.6	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	1.9	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	0.9	--	--	--	--
	Urban	96	1.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	2.6	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	1.9	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-3b. 3-hydroxybenz[*a*]anthracene (4834-35-9): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.176
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.176
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.176
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.176
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.173
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.173
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.173
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.173
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.852
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.629
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	0.599
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	0.514
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.722
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.722
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.722
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.722
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.708
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.708
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.708
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.708
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.394
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.291
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	0.277
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	0.238

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-3c. 3-hydroxybenz[*a*]anthracene (4834-35-9): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	2.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	2.4	--	--	--	--
	Urban	108	2.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	68	2.9	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	2.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	69	2.9	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	2.4	--	--	--	--
	Urban	108	2.8	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	2.4	--	--	--	--
	Mid/High Income	72	2.8	--	--	--	--
	Home Children	68	2.9	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-3d. 3-hydroxybenz[*a*]anthracene (4834-35-9): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.360
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.360
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	0.141
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.360
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.141
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.360
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.351
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.351
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	0.140
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.351
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	0.141
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.351
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	0.286
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	0.579
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	0.579
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	1.47
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	1.44
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	1.44
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	0.573
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	1.44
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	0.579
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	1.44
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	0.132

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-4a. 3-hydroxybenz[*a*]pyrene (13345-21-6): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	0.0	--	--	--	--
	Urban	96	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	0.0	--	--	--	--
	Urban	96	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-4b. 3-hydroxybenz[*a*]pyrene (13345-21-6): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-4c. 3-hydroxybenz[*a*]pyrene (13345-21-6): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	0.0	--	--	--	--
	Urban	108	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	0.0	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	0.0	--	--	--	--
	Urban	94	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	0.0	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	0.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	0.0	--	--	--	--
	Urban	108	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	0.0	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	0.0	--	--	--	--
	Urban	94	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	0.0	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-4d. 3-hydroxybenz[*a*]pyrene (13345-21-6): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-5a. 3-hydroxychrysene (63019-39-6): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	1.6	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	1.6	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	0.9	--	--	--	--
	Urban	96	1.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	1.6	--	--	--	--
	Home Children	59	1.7	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	1.6	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	1.6	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	1.4	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	0.9	--	--	--	--
	Urban	96	1.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	1.6	--	--	--	--
	Home Children	59	1.7	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-5b. 3-hydroxychrysene (63019-39-6): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	1.32
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	1.32
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.159	0.159
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	1.32
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.32
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.159
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	1.29
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	1.29
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.156	0.156
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	1.29
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	1.29
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.156
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	1.71
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	1.71
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	1.71
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	1.71
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	5.40
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	5.40
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.653	0.653
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	5.40
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	5.40
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.653
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	5.27
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	5.27
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.638	0.638
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	5.27
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	5.27
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.638
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.792
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.792
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.792
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	0.792
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-5c. 3-hydroxychrysene (63019-39-6): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-5d. 3-hydroxychrysene (63019-39-6): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	4.58
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	4.58
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	4.58
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	4.58
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	4.47
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	4.47
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	4.47
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	4.47
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	6.56
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	6.56
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	6.56
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	6.56
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	18.7
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	18.3
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	18.3
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	18.3
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	18.3
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	3.04
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	3.04
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	3.04
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	3.04

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-6a. 6-hydroxychrysene (NA8): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	1.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	5.3	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	1.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	5.3	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	1.8	--	--	--	--
	Urban	96	2.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	2.6	--	--	--	--
	Mid/High Income	63	1.6	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	3.8	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	1.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	5.3	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	2.4	--	--	--	--
	Urban	109	1.8	--	--	--	--
	Rural	17	5.9	--	--	--	--
	Low Income	40	2.5	--	--	--	--
	Mid/High Income	73	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	5.3	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	1.8	--	--	--	--
	Urban	96	2.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	2.6	--	--	--	--
	Mid/High Income	63	1.6	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	3.8	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-6b. 6-hydroxychrysene (NA8): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.203
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.203
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.150	0.150
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.203
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.168
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.150	0.203
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.199
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.199
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.146	0.146
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.199
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.165
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.146	0.199
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.852
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.629
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	0.599
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.852
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	0.514
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.829
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.829
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.613	0.613
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.829
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.688
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.613	0.829
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.813
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.813
	Rural	17	<MDL	<MDL	<MDL	<MDL	0.599	0.599
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	0.813
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	0.675
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	0.599	0.813
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	0.394
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	0.291
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	0.277
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	0.394
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	0.238

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-6c. 6-hydroxychrysene (NA8): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.8	--	--	--	--
	Urban	109	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	0.8	--	--	--	--
	Urban	108	0.9	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	72	1.4	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	1.8	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	0.9	--	--	--	--
	Urban	94	1.1	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	62	1.6	--	--	--	--
	Home Children	58	0.0	--	--	--	--
	Day Care Children	51	2.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-6d. 6-hydroxychrysene (NA8): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.200
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.195
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.195
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.195
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.195
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	1.27
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	0.286
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	0.819
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.819
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.819
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.819
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	72	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	0.799
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Urban	94	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	62	<MDL	<MDL	<MDL	<MDL	<MDL	0.589
	Home Children	58	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	0.132

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-7a. 6-hydroxy indeno[1,2,3-*cd*]pyrene (NA9): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	0.0	--	--	--	--
	Urban	96	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	0.0	--	--	--	--
	Urban	109	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	40	0.0	--	--	--	--
	Mid/High Income	73	0.0	--	--	--	--
	Home Children	69	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	0.0	--	--	--	--
	Urban	96	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	63	0.0	--	--	--	--
	Home Children	59	0.0	--	--	--	--
	Day Care Children	52	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-7b. 6-hydroxy indeno[1,2,3-*cd*]pyrene (NA9): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	109	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	40	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	73	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	69	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	96	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	63	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	59	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	52	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-7c. 6-hydroxy indeno[1,2,3-*cd*]pyrene (NA9): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	125	0.0	--	--	--	--
	Urban	108	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	71	0.0	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	124	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	71	0.0	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	108	0.0	--	--	--	--
	Urban	93	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	61	0.0	--	--	--	--
	Home Children	57	0.0	--	--	--	--
	Day Care Children	51	0.0	--	--	--	--
Urinary concentration (pmoles/mL)	Overall	125	0.0	--	--	--	--
	Urban	108	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	71	0.0	--	--	--	--
	Home Children	68	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	124	0.0	--	--	--	--
	Urban	107	0.0	--	--	--	--
	Rural	17	0.0	--	--	--	--
	Low Income	41	0.0	--	--	--	--
	Mid/High Income	71	0.0	--	--	--	--
	Home Children	67	0.0	--	--	--	--
	Day Care Children	57	0.0	--	--	--	--
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	108	0.0	--	--	--	--
	Urban	93	0.0	--	--	--	--
	Rural	15	0.0	--	--	--	--
	Low Income	38	0.0	--	--	--	--
	Mid/High Income	61	0.0	--	--	--	--
	Home Children	57	0.0	--	--	--	--
	Day Care Children	51	0.0	--	--	--	--

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-7d. 6-hydroxy indeno[1,2,3-*cd*]pyrene (NA9): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	124	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration adjusted for creatinine (ng/mg)	Overall	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration (pmoles/mL)	Overall	125	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	68	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	124	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	107	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	17	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	41	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	71	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	67	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	108	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Urban	93	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Rural	15	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Low Income	38	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Mid/High Income	61	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Home Children	57	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
	Day Care Children	51	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-8a. 1-hydroxypyrene (5315-79-7): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	79.4	0.382	0.316	0.305	0.644
	Urban	109	79.8	0.360	0.240	0.297	0.614
	Rural	17	76.5	0.519	0.608	0.358	0.816
	Low Income	40	82.5	0.404	0.273	0.333	0.622
	Mid/High Income	73	80.8	0.392	0.355	0.307	0.662
	Home Children	69	73.9	0.409	0.368	0.315	0.702
	Day Care Children	57	86.0	0.348	0.238	0.293	0.569
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	79.4	0.374	0.308	0.299	0.642
	Urban	109	79.8	0.353	0.234	0.292	0.612
	Rural	17	76.5	0.508	0.592	0.351	0.814
	Low Income	40	82.5	0.395	0.266	0.327	0.621
	Mid/High Income	73	80.8	0.384	0.346	0.302	0.659
	Home Children	69	73.9	0.400	0.359	0.309	0.700
	Day Care Children	57	86.0	0.342	0.232	0.289	0.566
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	77.5	0.542	0.447	0.443	0.618
	Urban	96	78.1	0.503	0.286	0.431	0.572
	Rural	15	73.3	0.790	0.969	0.526	0.864
	Low Income	38	81.6	0.532	0.325	0.451	0.578
	Mid/High Income	63	77.8	0.556	0.529	0.444	0.637
	Home Children	59	71.2	0.586	0.540	0.467	0.654
	Day Care Children	52	84.6	0.493	0.309	0.417	0.574
Urinary concentration (pmoles/mL)	Overall	126	79.4	1.75	1.45	1.40	0.644
	Urban	109	79.8	1.65	1.10	1.36	0.614
	Rural	17	76.5	2.38	2.78	1.64	0.816
	Low Income	40	82.5	1.85	1.25	1.53	0.622
	Mid/High Income	73	80.8	1.79	1.63	1.41	0.662
	Home Children	69	73.9	1.87	1.69	1.45	0.702
	Day Care Children	57	86.0	1.60	1.09	1.34	0.569
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	79.4	1.71	1.41	1.37	0.642
	Urban	109	79.8	1.62	1.07	1.34	0.612
	Rural	17	76.5	2.33	2.71	1.61	0.814
	Low Income	40	82.5	1.81	1.22	1.50	0.621
	Mid/High Income	73	80.8	1.76	1.58	1.39	0.659
	Home Children	69	73.9	1.83	1.65	1.41	0.700
	Day Care Children	57	86.0	1.57	1.06	1.32	0.566
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	77.5	0.281	0.232	0.229	0.618
	Urban	96	78.1	0.261	0.148	0.223	0.572
	Rural	15	73.3	0.409	0.502	0.273	0.864
	Low Income	38	81.6	0.275	0.168	0.234	0.578
	Mid/High Income	63	77.8	0.288	0.274	0.230	0.637
	Home Children	59	71.2	0.303	0.280	0.242	0.654
	Day Care Children	52	84.6	0.255	0.160	0.216	0.574

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-8b. 1-hydroxypyrene (5315-79-7): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	0.174	0.307	0.484	0.860	2.69
	Urban	109	<MDL	0.174	0.304	0.480	0.800	1.40
	Rural	17	<MDL	0.200	0.310	0.670	2.69	2.69
	Low Income	40	<MDL	0.199	0.350	0.518	0.981	1.40
	Mid/High Income	73	<MDL	0.176	0.300	0.532	0.860	2.69
	Home Children	69	<MDL	<MDL	0.320	0.540	0.940	2.69
	Day Care Children	57	<MDL	0.183	0.291	0.410	0.762	1.40
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	0.171	0.301	0.479	0.839	2.62
	Urban	109	<MDL	0.171	0.298	0.470	0.777	1.37
	Rural	17	<MDL	0.196	0.305	0.650	2.62	2.62
	Low Income	40	<MDL	0.194	0.345	0.508	0.956	1.37
	Mid/High Income	73	<MDL	0.172	0.293	0.518	0.839	2.62
	Home Children	69	<MDL	<MDL	0.314	0.532	0.917	2.62
	Day Care Children	57	<MDL	0.179	0.284	0.401	0.745	1.37
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	0.263	0.460	0.675	1.14	4.09
	Urban	96	<MDL	0.275	0.449	0.661	1.14	1.57
	Rural	15	<MDL	<MDL	0.605	0.878	4.09	4.09
	Low Income	38	<MDL	0.274	0.473	0.709	1.30	1.57
	Mid/High Income	63	<MDL	0.263	0.439	0.682	1.09	4.09
	Home Children	59	<MDL	<MDL	0.496	0.731	1.22	4.09
	Day Care Children	52	<MDL	0.256	0.428	0.626	1.14	1.57
Urinary concentration (pmoles/mL)	Overall	126	<MDL	0.797	1.41	2.22	3.94	12.3
	Urban	109	<MDL	0.797	1.39	2.20	3.67	6.43
	Rural	17	<MDL	0.916	1.42	3.07	12.3	12.3
	Low Income	40	<MDL	0.912	1.60	2.37	4.50	6.43
	Mid/High Income	73	<MDL	0.808	1.37	2.44	3.94	12.3
	Home Children	69	<MDL	<MDL	1.47	2.47	4.31	12.3
	Day Care Children	57	<MDL	0.837	1.33	1.88	3.49	6.43
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	0.784	1.38	2.19	3.84	12.0
	Urban	109	<MDL	0.784	1.37	2.15	3.56	6.27
	Rural	17	<MDL	0.898	1.40	2.98	12.0	12.0
	Low Income	40	<MDL	0.891	1.58	2.33	4.38	6.27
	Mid/High Income	73	<MDL	0.788	1.34	2.37	3.84	12.0
	Home Children	69	<MDL	<MDL	1.44	2.44	4.20	12.0
	Day Care Children	57	<MDL	0.819	1.30	1.84	3.42	6.27
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	0.136	0.238	0.350	0.589	2.12
	Urban	96	<MDL	0.143	0.233	0.342	0.589	0.815
	Rural	15	<MDL	<MDL	0.313	0.455	2.12	2.12
	Low Income	38	<MDL	0.142	0.245	0.367	0.675	0.815
	Mid/High Income	63	<MDL	0.136	0.227	0.353	0.564	2.12
	Home Children	59	<MDL	<MDL	0.257	0.378	0.630	2.12
	Day Care Children	52	<MDL	0.132	0.221	0.324	0.589	0.815

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-8c. 1-hydroxypyrene (5315-79-7): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	69.0	0.322	0.218	0.267	0.601
	Urban	109	68.8	0.308	0.199	0.260	0.571
	Rural	17	70.6	0.412	0.305	0.318	0.766
	Low Income	41	78.0	0.343	0.219	0.289	0.590
	Mid/High Income	72	62.5	0.315	0.230	0.255	0.631
	Home Children	69	69.6	0.331	0.214	0.277	0.586
	Day Care Children	57	68.4	0.312	0.223	0.255	0.621
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	68.8	0.313	0.213	0.259	0.600
	Urban	108	68.5	0.299	0.194	0.252	0.568
	Rural	17	70.6	0.404	0.299	0.312	0.767
	Low Income	41	78.0	0.335	0.215	0.282	0.590
	Mid/High Income	72	62.5	0.307	0.225	0.249	0.630
	Home Children	68	69.1	0.320	0.210	0.268	0.584
	Day Care Children	57	68.4	0.304	0.218	0.249	0.621
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	67.0	0.253	0.181	0.203	0.679
	Urban	94	67.0	0.246	0.180	0.198	0.661
	Rural	15	66.7	0.299	0.187	0.235	0.797
	Low Income	38	76.3	0.241	0.160	0.197	0.661
	Mid/High Income	62	61.3	0.272	0.198	0.219	0.682
	Home Children	58	67.2	0.289	0.197	0.240	0.613
	Day Care Children	51	66.7	0.212	0.154	0.168	0.705
Urinary concentration (pmoles/mL)	Overall	126	69.0	1.48	0.998	1.22	0.601
	Urban	109	68.8	1.41	0.913	1.19	0.571
	Rural	17	70.6	1.89	1.40	1.46	0.766
	Low Income	41	78.0	1.57	1.00	1.33	0.590
	Mid/High Income	72	62.5	1.44	1.05	1.17	0.631
	Home Children	69	69.6	1.52	0.982	1.27	0.586
	Day Care Children	57	68.4	1.43	1.02	1.17	0.621
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	68.8	1.43	0.976	1.19	0.600
	Urban	108	68.5	1.37	0.889	1.15	0.568
	Rural	17	70.6	1.85	1.37	1.43	0.767
	Low Income	41	78.0	1.54	0.983	1.29	0.590
	Mid/High Income	72	62.5	1.41	1.03	1.14	0.630
	Home Children	68	69.1	1.47	0.963	1.23	0.584
	Day Care Children	57	68.4	1.39	0.999	1.14	0.621
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	67.0	0.131	0.094	0.105	0.679
	Urban	94	67.0	0.127	0.093	0.103	0.661
	Rural	15	66.7	0.155	0.097	0.121	0.797
	Low Income	38	76.3	0.125	0.083	0.102	0.661
	Mid/High Income	62	61.3	0.141	0.103	0.113	0.682
	Home Children	58	67.2	0.150	0.102	0.124	0.613
	Day Care Children	51	66.7	0.110	0.080	0.087	0.705

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-8d. 1-hydroxypyrene (5315-79-7): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	0.259	0.410	0.790	1.22
	Urban	109	<MDL	<MDL	0.250	0.393	0.680	1.15
	Rural	17	<MDL	<MDL	0.370	0.514	1.22	1.22
	Low Income	41	<MDL	0.210	0.290	0.440	0.630	1.15
	Mid/High Income	72	<MDL	<MDL	0.230	0.385	0.790	1.22
	Home Children	69	<MDL	<MDL	0.270	0.430	0.790	1.22
	Day Care Children	57	<MDL	<MDL	0.230	0.380	0.940	1.15
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	<MDL	0.251	0.392	0.767	1.20
	Urban	108	<MDL	<MDL	0.239	0.375	0.667	1.12
	Rural	17	<MDL	<MDL	0.365	0.499	1.20	1.20
	Low Income	41	<MDL	0.205	0.282	0.427	0.618	1.12
	Mid/High Income	72	<MDL	<MDL	0.226	0.377	0.775	1.20
	Home Children	68	<MDL	<MDL	0.258	0.415	0.767	1.20
	Day Care Children	57	<MDL	<MDL	0.224	0.369	0.917	1.12
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	<MDL	0.221	0.318	0.601	1.27
	Urban	94	<MDL	<MDL	0.213	0.314	0.601	1.27
	Rural	15	<MDL	<MDL	0.277	0.470	0.606	0.606
	Low Income	38	<MDL	0.127	0.204	0.314	0.651	0.751
	Mid/High Income	62	<MDL	<MDL	0.229	0.352	0.581	1.27
	Home Children	58	<MDL	<MDL	0.229	0.355	0.606	1.27
	Day Care Children	51	<MDL	<MDL	0.182	0.272	0.601	0.751
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	1.19	1.88	3.62	5.59
	Urban	109	<MDL	<MDL	1.15	1.80	3.12	5.27
	Rural	17	<MDL	<MDL	1.70	2.35	5.59	5.59
	Low Income	41	<MDL	0.962	1.33	2.02	2.89	5.27
	Mid/High Income	72	<MDL	<MDL	1.05	1.76	3.62	5.59
	Home Children	69	<MDL	<MDL	1.24	1.97	3.62	5.59
	Day Care Children	57	<MDL	<MDL	1.05	1.74	4.31	5.27
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	<MDL	1.15	1.80	3.51	5.51
	Urban	108	<MDL	<MDL	1.10	1.72	3.05	5.12
	Rural	17	<MDL	<MDL	1.67	2.29	5.51	5.51
	Low Income	41	<MDL	0.939	1.29	1.96	2.83	5.12
	Mid/High Income	72	<MDL	<MDL	1.03	1.73	3.55	5.51
	Home Children	68	<MDL	<MDL	1.18	1.90	3.51	5.51
	Day Care Children	57	<MDL	<MDL	1.03	1.69	4.20	5.12
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	<MDL	0.114	0.165	0.311	0.660
	Urban	94	<MDL	<MDL	0.110	0.162	0.311	0.660
	Rural	15	<MDL	<MDL	0.143	0.243	0.314	0.314
	Low Income	38	<MDL	0.066	0.105	0.163	0.337	0.389
	Mid/High Income	62	<MDL	<MDL	0.119	0.182	0.301	0.660
	Home Children	58	<MDL	<MDL	0.119	0.184	0.314	0.660
	Day Care Children	51	<MDL	<MDL	0.094	0.141	0.311	0.389

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-9a. Pentachlorophenol (87-86-5): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	99.2	1.27	2.20	0.876	0.765
	Urban	109	99.1	1.23	2.32	0.830	0.773
	Rural	17	100.0	1.52	1.19	1.25	0.618
	Low Income	40	100.0	1.05	0.884	0.797	0.750
	Mid/High Income	73	98.6	1.47	2.80	0.959	0.797
	Home Children	69	98.6	1.54	2.89	0.993	0.800
	Day Care Children	57	100.0	0.946	0.638	0.753	0.698
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	99.2	1.24	2.14	0.859	0.764
	Urban	109	99.1	1.20	2.26	0.813	0.772
	Rural	17	100.0	1.49	1.16	1.22	0.615
	Low Income	40	100.0	1.03	0.863	0.781	0.749
	Mid/High Income	73	98.6	1.44	2.73	0.939	0.795
	Home Children	69	98.6	1.50	2.82	0.972	0.798
	Day Care Children	57	100.0	0.926	0.624	0.739	0.697
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	99.1	1.73	2.19	1.27	0.749
	Urban	96	99.0	1.65	2.26	1.19	0.755
	Rural	15	100.0	2.25	1.65	1.86	0.604
	Low Income	38	100.0	1.37	1.05	1.07	0.731
	Mid/High Income	63	98.4	2.01	2.76	1.43	0.761
	Home Children	59	98.3	2.10	2.87	1.48	0.785
	Day Care Children	52	100.0	1.31	0.823	1.07	0.672
Urinary concentration (pmoles/mL)	Overall	126	99.2	4.77	8.25	3.29	0.765
	Urban	109	99.1	4.62	8.70	3.12	0.773
	Rural	17	100.0	5.72	4.46	4.68	0.618
	Low Income	40	100.0	3.94	3.32	2.99	0.750
	Mid/High Income	73	98.6	5.53	10.5	3.60	0.797
	Home Children	69	98.6	5.78	10.9	3.73	0.800
	Day Care Children	57	100.0	3.55	2.40	2.83	0.698
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	99.2	4.67	8.05	3.22	0.764
	Urban	109	99.1	4.52	8.48	3.05	0.772
	Rural	17	100.0	5.59	4.35	4.59	0.615
	Low Income	40	100.0	3.86	3.24	2.93	0.749
	Mid/High Income	73	98.6	5.41	10.2	3.53	0.795
	Home Children	69	98.6	5.65	10.6	3.65	0.798
	Day Care Children	57	100.0	3.48	2.34	2.77	0.697
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	99.1	0.734	0.931	0.538	0.749
	Urban	96	99.0	0.700	0.960	0.507	0.755
	Rural	15	100.0	0.954	0.701	0.789	0.604
	Low Income	38	100.0	0.581	0.444	0.452	0.731
	Mid/High Income	63	98.4	0.852	1.17	0.608	0.761
	Home Children	59	98.3	0.893	1.22	0.627	0.785
	Day Care Children	52	100.0	0.555	0.349	0.452	0.672

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-9b. Pentachlorophenol (87-86-5): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	0.536	0.835	1.39	2.71	23.8
	Urban	109	<MDL	0.520	0.755	1.38	2.47	23.8
	Rural	17	0.430	0.871	1.24	1.52	5.23	5.23
	Low Income	40	0.208	0.486	0.769	1.59	2.33	5.02
	Mid/High Income	73	<MDL	0.640	0.876	1.39	3.56	23.8
	Home Children	69	<MDL	0.640	0.920	1.39	3.96	23.8
	Day Care Children	57	0.208	0.483	0.738	1.36	2.37	2.71
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	0.528	0.821	1.37	2.65	23.2
	Urban	109	<MDL	0.512	0.740	1.35	2.41	23.2
	Rural	17	0.426	0.854	1.21	1.49	5.10	5.10
	Low Income	40	0.204	0.474	0.754	1.55	2.27	4.90
	Mid/High Income	73	<MDL	0.624	0.859	1.36	3.47	23.2
	Home Children	69	<MDL	0.624	0.902	1.37	3.86	23.2
	Day Care Children	57	0.204	0.472	0.724	1.33	2.31	2.65
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	0.829	1.25	1.92	3.73	21.4
	Urban	96	<MDL	0.792	1.20	1.87	3.58	21.4
	Rural	15	0.746	1.21	1.88	2.59	6.62	6.62
	Low Income	38	0.272	0.658	1.18	1.75	3.32	5.46
	Mid/High Income	63	<MDL	0.931	1.28	2.02	4.96	21.4
	Home Children	59	<MDL	0.977	1.32	2.06	5.46	21.4
	Day Care Children	52	0.272	0.674	1.19	1.83	2.99	3.58
Urinary concentration (pmoles/mL)	Overall	126	<MDL	2.01	3.14	5.22	10.2	89.3
	Urban	109	<MDL	1.95	2.83	5.18	9.27	89.3
	Rural	17	1.61	3.27	4.66	5.72	19.6	19.6
	Low Income	40	0.780	1.83	2.89	5.97	8.75	18.8
	Mid/High Income	73	<MDL	2.40	3.29	5.22	13.4	89.3
	Home Children	69	<MDL	2.40	3.45	5.22	14.9	89.3
	Day Care Children	57	0.780	1.81	2.77	5.12	8.89	10.2
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	1.98	3.08	5.14	9.94	87.1
	Urban	109	<MDL	1.92	2.78	5.05	9.05	87.1
	Rural	17	1.60	3.21	4.54	5.59	19.2	19.2
	Low Income	40	0.764	1.78	2.83	5.84	8.53	18.4
	Mid/High Income	73	<MDL	2.34	3.22	5.12	13.0	87.1
	Home Children	69	<MDL	2.34	3.39	5.14	14.5	87.1
	Day Care Children	57	0.764	1.77	2.72	5.01	8.68	9.94
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	0.352	0.530	0.814	1.58	9.08
	Urban	96	<MDL	0.336	0.508	0.792	1.52	9.08
	Rural	15	0.316	0.515	0.796	1.10	2.81	2.81
	Low Income	38	0.115	0.279	0.500	0.744	1.41	2.32
	Mid/High Income	63	<MDL	0.395	0.541	0.856	2.11	9.08
	Home Children	59	<MDL	0.415	0.561	0.873	2.32	9.08
	Day Care Children	52	0.115	0.286	0.507	0.776	1.27	1.52

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-9c. Pentachlorophenol (87-86-5): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	96.0	0.776	0.715	0.575	0.746
	Urban	109	95.4	0.742	0.700	0.550	0.742
	Rural	17	100.0	0.990	0.795	0.769	0.722
	Low Income	41	97.6	0.740	0.619	0.569	0.709
	Mid/High Income	72	94.4	0.764	0.763	0.550	0.772
	Home Children	69	95.7	0.712	0.608	0.551	0.704
	Day Care Children	57	96.5	0.853	0.825	0.606	0.797
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	96.0	0.757	0.701	0.560	0.747
	Urban	108	95.4	0.723	0.686	0.534	0.743
	Rural	17	100.0	0.970	0.779	0.752	0.723
	Low Income	41	97.6	0.723	0.603	0.556	0.708
	Mid/High Income	72	94.4	0.747	0.746	0.538	0.772
	Home Children	68	95.6	0.693	0.596	0.534	0.705
	Day Care Children	57	96.5	0.833	0.807	0.592	0.797
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	95.4	0.650	0.879	0.433	0.806
	Urban	94	94.7	0.628	0.905	0.415	0.800
	Rural	15	100.0	0.789	0.707	0.569	0.815
	Low Income	38	97.4	0.508	0.446	0.388	0.724
	Mid/High Income	62	93.5	0.748	1.07	0.471	0.851
	Home Children	58	94.8	0.638	0.766	0.465	0.704
	Day Care Children	51	96.1	0.664	1.00	0.400	0.909
Urinary concentration (pmoles/mL)	Overall	126	96.0	2.91	2.68	2.16	0.746
	Urban	109	95.4	2.79	2.63	2.06	0.742
	Rural	17	100.0	3.72	2.98	2.89	0.722
	Low Income	41	97.6	2.78	2.32	2.14	0.709
	Mid/High Income	72	94.4	2.87	2.87	2.07	0.772
	Home Children	69	95.7	2.67	2.28	2.07	0.704
	Day Care Children	57	96.5	3.20	3.10	2.27	0.797
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	96.0	2.84	2.63	2.10	0.747
	Urban	108	95.4	2.72	2.57	2.01	0.743
	Rural	17	100.0	3.64	2.93	2.82	0.723
	Low Income	41	97.6	2.71	2.27	2.09	0.708
	Mid/High Income	72	94.4	2.80	2.80	2.02	0.772
	Home Children	68	95.6	2.60	2.24	2.01	0.705
	Day Care Children	57	96.5	3.13	3.03	2.22	0.797
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	95.4	0.276	0.373	0.184	0.806
	Urban	94	94.7	0.267	0.384	0.176	0.800
	Rural	15	100.0	0.335	0.300	0.241	0.815
	Low Income	38	97.4	0.216	0.189	0.164	0.724
	Mid/High Income	62	93.5	0.317	0.456	0.200	0.851
	Home Children	58	94.8	0.271	0.325	0.197	0.704
	Day Care Children	51	96.1	0.282	0.425	0.169	0.909

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-9d. Pentachlorophenol (87-86-5): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	0.356	0.530	0.890	2.62	3.69
	Urban	109	<MDL	0.345	0.510	0.830	2.37	3.69
	Rural	17	0.220	0.510	0.810	1.10	3.02	3.02
	Low Income	41	<MDL	0.370	0.530	0.900	2.01	2.97
	Mid/High Income	72	<MDL	0.342	0.510	0.830	2.73	3.69
	Home Children	69	<MDL	0.380	0.530	0.840	1.72	3.43
	Day Care Children	57	<MDL	0.356	0.530	0.930	2.97	3.69
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	0.348	0.517	0.864	2.56	3.60
	Urban	108	<MDL	0.335	0.499	0.808	2.31	3.60
	Rural	17	0.214	0.500	0.794	1.08	2.95	2.95
	Low Income	41	<MDL	0.361	0.515	0.891	1.96	2.90
	Mid/High Income	72	<MDL	0.337	0.498	0.808	2.69	3.60
	Home Children	68	<MDL	0.354	0.517	0.815	1.67	3.33
	Day Care Children	57	<MDL	0.348	0.515	0.903	2.90	3.60
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	0.245	0.400	0.603	2.38	6.44
	Urban	94	<MDL	0.238	0.399	0.596	2.38	6.44
	Rural	15	0.176	0.320	0.504	1.29	2.51	2.51
	Low Income	38	<MDL	0.236	0.392	0.585	1.34	2.41
	Mid/High Income	62	<MDL	0.265	0.425	0.654	2.38	6.44
	Home Children	58	<MDL	0.296	0.425	0.603	2.38	5.14
	Day Care Children	51	<MDL	0.216	0.338	0.630	2.41	6.44
Urinary concentration (pmoles/mL)	Overall	126	<MDL	1.34	1.99	3.34	9.84	13.9
	Urban	109	<MDL	1.29	1.91	3.12	8.90	13.9
	Rural	17	0.826	1.91	3.04	4.13	11.3	11.3
	Low Income	41	<MDL	1.39	1.99	3.38	7.55	11.2
	Mid/High Income	72	<MDL	1.29	1.91	3.12	10.3	13.9
	Home Children	69	<MDL	1.43	1.99	3.15	6.45	12.9
	Day Care Children	57	<MDL	1.34	1.99	3.49	11.2	13.9
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	1.30	1.94	3.24	9.60	13.5
	Urban	108	<MDL	1.26	1.87	3.03	8.68	13.5
	Rural	17	0.802	1.88	2.98	4.05	11.1	11.1
	Low Income	41	<MDL	1.36	1.93	3.35	7.36	10.9
	Mid/High Income	72	<MDL	1.26	1.87	3.03	10.1	13.5
	Home Children	68	<MDL	1.33	1.94	3.06	6.27	12.5
	Day Care Children	57	<MDL	1.30	1.93	3.39	10.9	13.5
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	0.104	0.170	0.256	1.01	2.73
	Urban	94	<MDL	0.101	0.169	0.253	1.01	2.73
	Rural	15	0.075	0.136	0.214	0.548	1.06	1.06
	Low Income	38	<MDL	0.100	0.166	0.248	0.567	1.02
	Mid/High Income	62	<MDL	0.113	0.180	0.277	1.01	2.73
	Home Children	58	<MDL	0.126	0.180	0.256	1.01	2.18
	Day Care Children	51	<MDL	0.092	0.143	0.267	1.02	2.73

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-10a. 3-phenoxybenzoic acid (3739-38-6): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	73.0	0.689	2.49	0.310	1.01
	Urban	109	73.4	0.743	2.68	0.316	1.05
	Rural	17	70.6	0.343	0.248	0.273	0.697
	Low Income	40	82.5	0.565	0.615	0.367	0.907
	Mid/High Income	73	67.1	0.806	3.25	0.287	1.07
	Home Children	69	65.2	0.478	0.529	0.292	0.983
	Day Care Children	57	82.5	0.944	3.66	0.334	1.05
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	73.0	0.674	2.44	0.301	1.02
	Urban	109	73.4	0.726	2.62	0.306	1.06
	Rural	17	70.6	0.336	0.242	0.268	0.697
	Low Income	40	82.5	0.554	0.605	0.360	0.906
	Mid/High Income	73	67.1	0.787	3.18	0.277	1.09
	Home Children	69	65.2	0.468	0.519	0.286	0.983
	Day Care Children	57	82.5	0.922	3.59	0.321	1.07
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	111	70.3	1.40	6.38	0.456	1.15
	Urban	96	70.8	1.53	6.85	0.463	1.20
	Rural	15	66.7	0.584	0.564	0.410	0.862
	Low Income	38	81.6	0.884	1.67	0.474	1.01
	Mid/High Income	63	63.5	1.79	8.37	0.428	1.26
	Home Children	59	61.0	0.812	1.00	0.443	1.11
	Day Care Children	52	80.8	2.07	9.26	0.471	1.22
Urinary concentration (pmoles/mL)	Overall	126	73.0	3.21	11.6	1.45	1.01
	Urban	109	73.4	3.47	12.5	1.48	1.05
	Rural	17	70.6	1.60	1.16	1.28	0.697
	Low Income	40	82.5	2.64	2.87	1.72	0.907
	Mid/High Income	73	67.1	3.76	15.1	1.34	1.07
	Home Children	69	65.2	2.23	2.47	1.36	0.983
	Day Care Children	57	82.5	4.40	17.1	1.56	1.05
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	73.0	3.14	11.4	1.41	1.02
	Urban	109	73.4	3.39	12.2	1.43	1.06
	Rural	17	70.6	1.57	1.13	1.25	0.697
	Low Income	40	82.5	2.59	2.82	1.68	0.906
	Mid/High Income	73	67.1	3.68	14.9	1.29	1.09
	Home Children	69	65.2	2.19	2.42	1.33	0.983
	Day Care Children	57	82.5	4.30	16.8	1.50	1.07
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	70.3	0.739	3.37	0.240	1.15
	Urban	96	70.8	0.806	3.61	0.244	1.20
	Rural	15	66.7	0.308	0.297	0.216	0.862
	Low Income	38	81.6	0.466	0.883	0.250	1.01
	Mid/High Income	63	63.5	0.944	4.42	0.226	1.26
	Home Children	59	61.0	0.428	0.528	0.233	1.11
	Day Care Children	52	80.8	1.09	4.89	0.249	1.22

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-10b. 3-phenoxybenzoic acid (3739-38-6): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	<MDL	0.253	0.620	1.83	27.8
	Urban	109	<MDL	<MDL	0.255	0.660	1.88	27.8
	Rural	17	<MDL	<MDL	0.250	0.425	0.933	0.933
	Low Income	40	<MDL	0.193	0.317	0.792	2.00	2.86
	Mid/High Income	73	<MDL	<MDL	0.229	0.510	1.88	27.8
	Home Children	69	<MDL	<MDL	0.240	0.620	1.88	2.29
	Day Care Children	57	<MDL	0.176	0.271	0.436	1.83	27.8
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	126	<MDL	<MDL	0.248	0.605	1.80	27.3
	Urban	109	<MDL	<MDL	0.249	0.647	1.85	27.3
	Rural	17	<MDL	<MDL	0.245	0.417	0.912	0.912
	Low Income	40	<MDL	0.189	0.309	0.773	1.96	2.82
	Mid/High Income	73	<MDL	<MDL	0.224	0.500	1.85	27.3
	Home Children	69	<MDL	<MDL	0.233	0.605	1.85	2.26
	Day Care Children	57	<MDL	0.173	0.265	0.425	1.80	27.3
Urinary concentration adjusted for creatinine (ng/mg)	Overall	111	<MDL	<MDL	0.355	1.04	2.84	66.7
	Urban	96	<MDL	<MDL	0.342	1.14	3.06	66.7
	Rural	15	<MDL	<MDL	0.390	0.807	2.17	2.17
	Low Income	38	<MDL	0.205	0.404	1.12	1.95	10.4
	Mid/High Income	63	<MDL	<MDL	0.296	0.897	3.06	66.7
	Home Children	59	<MDL	<MDL	0.411	1.04	3.06	4.71
	Day Care Children	52	<MDL	0.184	0.351	1.01	2.03	66.7
Urinary concentration (pmoles/mL)	Overall	126	<MDL	<MDL	1.18	2.89	8.57	130
	Urban	109	<MDL	<MDL	1.19	3.08	8.78	130
	Rural	17	<MDL	<MDL	1.17	1.99	4.35	4.35
	Low Income	40	<MDL	0.899	1.48	3.70	9.32	13.4
	Mid/High Income	73	<MDL	<MDL	1.07	2.38	8.78	130
	Home Children	69	<MDL	<MDL	1.12	2.89	8.78	10.7
	Day Care Children	57	<MDL	0.823	1.27	2.03	8.57	130
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	126	<MDL	<MDL	1.16	2.82	8.40	127
	Urban	109	<MDL	<MDL	1.16	3.02	8.65	127
	Rural	17	<MDL	<MDL	1.15	1.95	4.26	4.26
	Low Income	40	<MDL	0.884	1.44	3.61	9.17	13.2
	Mid/High Income	73	<MDL	<MDL	1.05	2.33	8.65	127
	Home Children	69	<MDL	<MDL	1.09	2.82	8.65	10.5
	Day Care Children	57	<MDL	0.807	1.24	1.99	8.40	127
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	111	<MDL	<MDL	0.187	0.551	1.50	35.2
	Urban	96	<MDL	<MDL	0.180	0.602	1.61	35.2
	Rural	15	<MDL	<MDL	0.205	0.426	1.14	1.14
	Low Income	38	<MDL	0.108	0.213	0.593	1.03	5.49
	Mid/High Income	63	<MDL	<MDL	0.156	0.473	1.61	35.2
	Home Children	59	<MDL	<MDL	0.217	0.551	1.61	2.48
	Day Care Children	52	<MDL	0.097	0.185	0.535	1.07	35.2

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-10c. 3-phenoxybenzoic acid (3739-38-6): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	124	66.1	0.580	0.802	0.322	1.05
	Urban	107	68.2	0.619	0.848	0.338	1.07
	Rural	17	52.9	0.334	0.331	0.238	0.818
	Low Income	40	60.0	0.612	0.865	0.337	1.05
	Mid/High Income	71	64.8	0.548	0.817	0.291	1.07
	Home Children	68	61.8	0.438	0.630	0.261	0.961
	Day Care Children	56	71.4	0.752	0.948	0.414	1.10
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	123	65.9	0.569	0.788	0.315	1.05
	Urban	106	67.9	0.608	0.834	0.331	1.08
	Rural	17	52.9	0.327	0.324	0.233	0.818
	Low Income	40	60.0	0.597	0.841	0.329	1.05
	Mid/High Income	71	64.8	0.537	0.804	0.284	1.07
	Home Children	67	61.2	0.431	0.624	0.256	0.969
	Day Care Children	56	71.4	0.735	0.928	0.404	1.10
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	107	62.6	0.487	0.723	0.244	1.16
	Urban	92	65.2	0.526	0.765	0.262	1.18
	Rural	15	46.7	--	--	--	--
	Low Income	37	56.8	0.462	0.708	0.221	1.18
	Mid/High Income	61	62.3	0.514	0.778	0.252	1.20
	Home Children	57	57.9	0.447	0.741	0.230	1.11
	Day Care Children	50	68.0	0.533	0.706	0.262	1.22
Urinary concentration (pmoles/mL)	Overall	124	66.1	2.71	3.74	1.50	1.05
	Urban	107	68.2	2.89	3.96	1.58	1.07
	Rural	17	52.9	1.56	1.54	1.11	0.818
	Low Income	40	60.0	2.86	4.04	1.57	1.05
	Mid/High Income	71	64.8	2.56	3.81	1.36	1.07
	Home Children	68	61.8	2.04	2.94	1.22	0.961
	Day Care Children	56	71.4	3.51	4.43	1.93	1.10
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	123	65.9	2.66	3.68	1.47	1.05
	Urban	106	67.9	2.84	3.89	1.54	1.08
	Rural	17	52.9	1.53	1.51	1.09	0.818
	Low Income	40	60.0	2.79	3.93	1.54	1.05
	Mid/High Income	71	64.8	2.51	3.75	1.33	1.07
	Home Children	67	61.2	2.01	2.91	1.19	0.969
	Day Care Children	56	71.4	3.43	4.33	1.89	1.10
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	107	62.6	0.257	0.381	0.129	1.16
	Urban	92	65.2	0.277	0.403	0.138	1.18
	Rural	15	46.7	--	--	--	--
	Low Income	37	56.8	0.244	0.373	0.116	1.18
	Mid/High Income	61	62.3	0.271	0.411	0.133	1.20
	Home Children	57	57.9	0.236	0.391	0.121	1.11
	Day Care Children	50	68.0	0.281	0.373	0.138	1.22

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-10d. 3-phenoxybenzoic acid (3739-38-6): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	124	<MDL	<MDL	0.260	0.787	1.54	4.93
	Urban	107	<MDL	<MDL	0.270	0.840	1.83	4.93
	Rural	17	<MDL	<MDL	0.220	0.430	1.38	1.38
	Low Income	40	<MDL	<MDL	0.255	0.765	1.86	4.93
	Mid/High Income	71	<MDL	<MDL	0.239	0.750	1.83	4.69
	Home Children	68	<MDL	<MDL	0.220	0.574	1.14	4.69
	Day Care Children	56	<MDL	<MDL	0.350	1.20	2.42	4.93
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	123	<MDL	<MDL	0.254	0.772	1.50	4.79
	Urban	106	<MDL	<MDL	0.263	0.820	1.78	4.79
	Rural	17	<MDL	<MDL	0.214	0.420	1.35	1.35
	Low Income	40	<MDL	<MDL	0.248	0.748	1.83	4.79
	Mid/High Income	71	<MDL	<MDL	0.233	0.732	1.78	4.62
	Home Children	67	<MDL	<MDL	0.215	0.585	1.11	4.62
	Day Care Children	56	<MDL	<MDL	0.341	1.16	2.36	4.79
Urinary concentration adjusted for creatinine (ng/mg)	Overall	107	<MDL	<MDL	0.196	0.637	1.58	5.15
	Urban	92	<MDL	<MDL	0.221	0.682	1.71	5.15
	Rural	15	<MDL	<MDL	<MDL	0.277	1.02	1.02
	Low Income	37	<MDL	<MDL	0.149	0.572	1.86	3.74
	Mid/High Income	61	<MDL	<MDL	0.210	0.640	1.32	5.15
	Home Children	57	<MDL	<MDL	0.207	0.520	1.58	5.15
	Day Care Children	50	<MDL	<MDL	0.195	0.781	1.86	3.74
Urinary concentration (pmoles/mL)	Overall	124	<MDL	<MDL	1.21	3.67	7.19	23.0
	Urban	107	<MDL	<MDL	1.26	3.92	8.54	23.0
	Rural	17	<MDL	<MDL	1.03	2.01	6.44	6.44
	Low Income	40	<MDL	<MDL	1.19	3.57	8.71	23.0
	Mid/High Income	71	<MDL	<MDL	1.12	3.50	8.54	21.9
	Home Children	68	<MDL	<MDL	1.03	2.68	5.32	21.9
	Day Care Children	56	<MDL	<MDL	1.63	5.58	11.3	23.0
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	123	<MDL	<MDL	1.18	3.61	7.01	22.3
	Urban	106	<MDL	<MDL	1.23	3.83	8.29	22.3
	Rural	17	<MDL	<MDL	0.997	1.96	6.32	6.32
	Low Income	40	<MDL	<MDL	1.16	3.49	8.52	22.3
	Mid/High Income	71	<MDL	<MDL	1.09	3.42	8.29	21.6
	Home Children	67	<MDL	<MDL	1.00	2.73	5.19	21.6
	Day Care Children	56	<MDL	<MDL	1.59	5.42	11.0	22.3
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	107	<MDL	<MDL	0.104	0.336	0.835	2.72
	Urban	92	<MDL	<MDL	0.117	0.360	0.900	2.72
	Rural	15	<MDL	<MDL	<MDL	0.146	0.536	0.536
	Low Income	37	<MDL	<MDL	0.079	0.302	0.982	1.97
	Mid/High Income	61	<MDL	<MDL	0.111	0.338	0.695	2.72
	Home Children	57	<MDL	<MDL	0.109	0.275	0.835	2.72
	Day Care Children	50	<MDL	<MDL	0.103	0.412	0.982	1.97

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-11a. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	122	100.0	5.61	3.38	4.64	0.636
	Urban	107	100.0	5.68	3.43	4.71	0.634
	Rural	15	100.0	5.08	3.07	4.21	0.658
	Low Income	40	100.0	5.68	3.11	4.89	0.570
	Mid/High Income	70	100.0	5.69	3.59	4.60	0.683
	Home Children	67	100.0	6.05	3.73	4.90	0.687
	Day Care Children	55	100.0	5.06	2.84	4.34	0.565
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	122	100.0	5.50	3.34	4.56	0.637
	Urban	107	100.0	5.58	3.39	4.62	0.636
	Rural	15	100.0	4.97	3.01	4.13	0.657
	Low Income	40	100.0	5.56	3.04	4.79	0.568
	Mid/High Income	70	100.0	5.60	3.56	4.52	0.686
	Home Children	67	100.0	5.92	3.65	4.80	0.686
	Day Care Children	55	100.0	5.00	2.87	4.27	0.571
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	106	100.0	7.69	4.29	6.52	0.604
	Urban	93	100.0	7.74	4.36	6.57	0.599
	Rural	13	100.0	7.35	3.91	6.20	0.661
	Low Income	37	100.0	7.16	3.88	6.32	0.504
	Mid/High Income	60	100.0	8.18	4.73	6.68	0.692
	Home Children	57	100.0	8.46	4.50	7.13	0.637
	Day Care Children	49	100.0	6.80	3.90	5.88	0.551
Urinary concentration (pmoles/mL)	Overall	122	100.0	28.2	17.1	23.4	0.636
	Urban	107	100.0	28.6	17.3	23.7	0.634
	Rural	15	100.0	25.6	15.5	21.2	0.658
	Low Income	40	100.0	28.6	15.7	24.6	0.570
	Mid/High Income	70	100.0	28.7	18.1	23.2	0.683
	Home Children	67	100.0	30.5	18.8	24.7	0.687
	Day Care Children	55	100.0	25.5	14.3	21.9	0.565
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	122	100.0	27.7	16.8	23.0	0.637
	Urban	107	100.0	28.1	17.1	23.3	0.636
	Rural	15	100.0	25.1	15.2	20.8	0.657
	Low Income	40	100.0	28.0	15.3	24.1	0.568
	Mid/High Income	70	100.0	28.2	17.9	22.8	0.686
	Home Children	67	100.0	29.8	18.4	24.2	0.686
	Day Care Children	55	100.0	25.2	14.5	21.5	0.571
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	106	100.0	4.38	2.44	3.71	0.604
	Urban	93	100.0	4.41	2.48	3.74	0.599
	Rural	13	100.0	4.19	2.23	3.53	0.661
	Low Income	37	100.0	4.08	2.21	3.60	0.504
	Mid/High Income	60	100.0	4.66	2.69	3.80	0.692
	Home Children	57	100.0	4.81	2.56	4.06	0.637
	Day Care Children	49	100.0	3.87	2.22	3.35	0.551

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-11b. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Estimated Urinary Biomarker Concentrations in OH Preschool Children, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	122	1.18	2.87	5.07	7.33	12.3	15.3
	Urban	107	1.18	2.90	4.79	7.50	12.8	15.3
	Rural	15	1.38	2.08	5.28	6.12	12.3	12.3
	Low Income	40	1.23	3.38	5.15	7.42	12.0	14.1
	Mid/High Income	70	1.18	2.73	5.12	7.78	12.3	15.3
	Home Children	67	1.18	3.01	5.28	9.08	12.9	15.3
	Day Care Children	55	1.38	2.68	4.43	6.88	11.2	12.8
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	122	1.15	2.82	4.96	7.17	12.1	14.9
	Urban	107	1.15	2.84	4.68	7.32	12.6	14.9
	Rural	15	1.35	2.03	5.18	6.00	12.1	12.1
	Low Income	40	1.21	3.30	5.04	7.24	11.8	13.8
	Mid/High Income	70	1.15	2.66	5.03	7.63	12.1	14.9
	Home Children	67	1.15	2.97	5.18	8.82	12.6	14.9
	Day Care Children	55	1.35	2.62	4.32	6.78	11.6	12.6
Urinary concentration adjusted for creatinine (ng/mg)	Overall	106	1.31	4.25	6.74	10.4	16.1	20.1
	Urban	93	1.31	4.25	6.49	10.3	17.8	20.1
	Rural	13	1.79	5.25	7.04	10.4	14.1	14.1
	Low Income	37	1.76	4.25	6.10	8.27	17.8	19.2
	Mid/High Income	60	1.31	4.02	7.49	11.7	17.0	20.1
	Home Children	57	1.31	5.21	7.65	11.7	17.8	19.2
	Day Care Children	49	1.72	4.04	5.80	8.21	14.1	20.1
Urinary concentration (pmoles/mL)	Overall	122	5.95	14.4	25.6	37.0	62.2	77.2
	Urban	107	5.95	14.6	24.1	37.8	64.5	77.2
	Rural	15	6.95	10.5	26.6	30.9	62.2	62.2
	Low Income	40	6.20	17.0	26.0	37.4	60.4	71.2
	Mid/High Income	70	5.95	13.8	25.8	39.2	62.2	77.2
	Home Children	67	5.95	15.2	26.6	45.8	65.1	77.2
	Day Care Children	55	6.95	13.5	22.3	34.7	56.3	64.5
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	122	5.80	14.2	25.0	36.1	61.1	75.3
	Urban	107	5.80	14.3	23.6	36.9	63.4	75.3
	Rural	15	6.82	10.3	26.1	30.3	61.1	61.1
	Low Income	40	6.11	16.6	25.4	36.5	59.3	69.5
	Mid/High Income	70	5.80	13.4	25.3	38.4	61.1	75.3
	Home Children	67	5.80	14.9	26.1	44.4	63.7	75.3
	Day Care Children	55	6.82	13.2	21.8	34.2	58.6	63.6
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	106	0.747	2.42	3.84	5.95	9.20	11.4
	Urban	93	0.747	2.42	3.70	5.85	10.1	11.4
	Rural	13	1.02	2.99	4.01	5.95	8.04	8.04
	Low Income	37	1.00	2.42	3.47	4.71	10.2	10.9
	Mid/High Income	60	0.747	2.29	4.27	6.67	9.66	11.4
	Home Children	57	0.747	2.97	4.36	6.67	10.1	10.9
	Day Care Children	49	0.981	2.30	3.30	4.67	8.04	11.4

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Table Q-11c. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	% Detected	Arithmetic Mean	Std. Dev.	Geometric Mean	Log Std. Dev.
Urinary concentration (ng/mL)	Overall	126	97.6	4.75	4.47	3.51	0.756
	Urban	109	99.1	5.01	4.65	3.73	0.746
	Rural	17	88.2	3.06	2.66	2.37	0.718
	Low Income	41	100.0	4.57	4.53	3.38	0.745
	Mid/High Income	72	97.2	4.33	3.46	3.36	0.708
	Home Children	69	98.6	5.12	4.89	3.69	0.793
	Day Care Children	57	96.5	4.29	3.91	3.30	0.710
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	97.6	4.65	4.38	3.44	0.756
	Urban	108	99.1	4.92	4.55	3.67	0.746
	Rural	17	88.2	3.00	2.59	2.32	0.718
	Low Income	41	100.0	4.46	4.46	3.30	0.745
	Mid/High Income	72	97.2	4.23	3.37	3.29	0.706
	Home Children	68	98.5	5.05	4.78	3.64	0.794
	Day Care Children	57	96.5	4.19	3.84	3.23	0.709
Urinary concentration, adjusted for creatinine (ng/mg)	Overall	109	97.2	3.55	3.92	2.53	0.783
	Urban	94	98.9	3.79	4.15	2.69	0.786
	Rural	15	86.7	2.02	1.25	1.69	0.645
	Low Income	38	100.0	2.84	2.55	2.16	0.727
	Mid/High Income	62	96.8	3.92	4.44	2.78	0.772
	Home Children	58	98.3	4.44	4.99	3.02	0.834
	Day Care Children	51	96.1	2.54	1.72	2.06	0.672
Urinary concentration (pmoles/mL)	Overall	126	97.6	23.9	22.5	17.7	0.756
	Urban	109	99.1	25.2	23.4	18.8	0.746
	Rural	17	88.2	15.4	13.4	11.9	0.718
	Low Income	41	100.0	23.0	22.8	17.0	0.745
	Mid/High Income	72	97.2	21.8	17.5	17.0	0.708
	Home Children	69	98.6	25.8	24.6	18.6	0.793
	Day Care Children	57	96.5	21.6	19.7	16.6	0.710
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	97.6	23.5	22.1	17.4	0.756
	Urban	108	99.1	24.8	22.9	18.5	0.746
	Rural	17	88.2	15.1	13.1	11.7	0.718
	Low Income	41	100.0	22.5	22.5	16.6	0.745
	Mid/High Income	72	97.2	21.3	17.0	16.6	0.706
	Home Children	68	98.5	25.4	24.1	18.3	0.794
	Day Care Children	57	96.5	21.1	19.3	16.3	0.709
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	97.2	2.02	2.23	1.44	0.783
	Urban	94	98.9	2.16	2.36	1.53	0.786
	Rural	15	86.7	1.15	0.709	0.963	0.645
	Low Income	38	100.0	1.62	1.45	1.23	0.727
	Mid/High Income	62	96.8	2.23	2.53	1.58	0.772
	Home Children	58	98.3	2.53	2.84	1.72	0.834
	Day Care Children	51	96.1	1.45	0.981	1.18	0.672

[a] Not detected results are replaced by the method detection limit (MDL) divided by the square root of 2. Multiple sample results for a given study subject have been log-transformed, averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries. Means and standard deviations are not reported when the percentage of detected results is below 50%.

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Table Q-11d. 3,5,6-TCP (3,5,6-trichloro-2-pyridinol) (6515-38-4): Range of Estimated Urinary Biomarker Concentrations in OH Adults, Summarized by Strata[a]

Biomarker Concentration Parameter	Strata	N	Minimum	25th Percentile	50th Percentile	75th Percentile	95th Percentile	Maximum
Urinary concentration (ng/mL)	Overall	126	<MDL	1.96	3.25	5.84	11.7	29.7
	Urban	109	<MDL	2.11	3.56	6.07	12.8	29.7
	Rural	17	<MDL	1.72	2.03	3.44	11.7	11.7
	Low Income	41	1.01	1.95	3.24	5.34	11.6	26.7
	Mid/High Income	72	<MDL	1.96	3.18	5.56	11.5	20.4
	Home Children	69	<MDL	1.99	3.24	6.09	13.3	29.7
	Day Care Children	57	<MDL	1.96	3.34	5.35	11.6	26.7
Urinary concentration, adjusted for specific gravity (ng/mL)	Overall	125	<MDL	1.92	3.20	5.70	11.4	28.8
	Urban	108	<MDL	2.12	3.57	5.93	12.5	28.8
	Rural	17	<MDL	1.68	1.98	3.37	11.4	11.4
	Low Income	41	0.985	1.89	3.15	5.29	11.3	26.4
	Mid/High Income	72	<MDL	1.92	3.11	5.42	11.1	19.9
	Home Children	68	<MDL	1.95	3.17	6.15	13.1	28.8
	Day Care Children	57	<MDL	1.92	3.26	5.23	11.3	26.4
Urinary concentration adjusted for creatinine (ng/mg)	Overall	109	<MDL	1.51	2.51	4.14	11.7	25.4
	Urban	94	<MDL	1.59	2.80	4.15	12.9	25.4
	Rural	15	<MDL	1.10	1.83	2.47	4.99	4.99
	Low Income	38	0.446	1.28	2.09	3.52	8.15	14.2
	Mid/High Income	62	<MDL	1.71	2.66	4.43	11.7	25.4
	Home Children	58	<MDL	1.71	2.80	4.45	16.6	25.4
	Day Care Children	51	<MDL	1.36	2.12	3.25	4.91	9.38
Urinary concentration (pmoles/mL)	Overall	126	<MDL	9.88	16.4	29.4	58.8	149
	Urban	109	<MDL	10.6	17.9	30.6	64.4	149
	Rural	17	<MDL	8.67	10.2	17.3	58.8	58.8
	Low Income	41	5.09	9.83	16.3	26.9	58.3	135
	Mid/High Income	72	<MDL	9.86	16.0	28.0	57.7	103
	Home Children	69	<MDL	10.0	16.3	30.7	67.1	149
	Day Care Children	57	<MDL	9.88	16.8	27.0	58.3	135
Urinary concentration, adjusted for specific gravity (pmoles/mL)	Overall	125	<MDL	9.68	16.1	28.7	57.3	145
	Urban	108	<MDL	10.7	18.0	29.9	62.8	145
	Rural	17	<MDL	8.46	9.98	17.0	57.3	57.3
	Low Income	41	4.97	9.54	15.9	26.6	56.8	133
	Mid/High Income	72	<MDL	9.67	15.7	27.3	56.2	100
	Home Children	68	<MDL	9.81	16.0	31.0	65.9	145
	Day Care Children	57	<MDL	9.68	16.4	26.4	56.8	133
Urinary concentration, adjusted for creatinine (µmoles/mole)	Overall	109	<MDL	0.859	1.43	2.36	6.67	14.5
	Urban	94	<MDL	0.906	1.60	2.36	7.34	14.5
	Rural	15	<MDL	0.625	1.04	1.40	2.84	2.84
	Low Income	38	0.254	0.730	1.19	2.00	4.64	8.09
	Mid/High Income	62	<MDL	0.972	1.51	2.52	6.67	14.5
	Home Children	58	<MDL	0.972	1.60	2.53	9.44	14.5
	Day Care Children	51	<MDL	0.774	1.21	1.85	2.80	5.34

[a] For a given study subject, multiple sample results have been log-transformed (after replacing not detected results by the method detection limit (MDL) divided by the square root of 2), averaged, and exponentiated back to regular units prior to summarizing the data within a stratum. This result is labeled as "detected" if any measurement entering into the calculation was detected. Thus, N specifies the number of subjects having data entering into the summaries.

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Appendix R

Detailed Results of Statistical Analyses Performed on Potential Exposure Level and Potential Absorbed Dose Estimates and on Urinary Biomarker Concentrations for the Study Participants

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Benz[*a*]anthracene			
Potential Exposure via Inhalation	1.50 (0.88,2.54)	1.38 (0.99,1.92)	0.85 (0.52,1.40)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.88 (0.42,1.84)	0.66 (0.39,1.14)	1.72 (0.93,3.19)
Potential Absorbed Dose via Inhalation	1.66 (0.94,2.91)	1.34 (0.94,1.91)	0.74 (0.44,1.25)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.95 (0.44,2.04)	0.61 (0.35,1.07)	1.53 (0.80,2.91)
Benzo[*b*]fluoranthene			
Potential Exposure via Inhalation	1.44 (0.85,2.45)	1.58* (1.12,2.24)	1.08 (0.66,1.76)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.93 (0.45,1.89)	0.74 (0.44,1.27)	1.81* (1.01,3.23)
Potential Absorbed Dose via Inhalation	1.59 (0.91,2.78)	1.52* (1.04,2.21)	0.94 (0.57,1.57)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.99 (0.47,2.09)	0.68 (0.39,1.19)	1.60 (0.87,2.95)
Benzo[*k*]fluoranthene			
Potential Exposure via Inhalation	1.14 (0.84,1.56)	1.25* (1.02,1.53)	1.01 (0.76,1.35)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.83 (0.40,1.72)	0.70 (0.41,1.19)	1.72 (0.94,3.15)
Potential Absorbed Dose via Inhalation	1.26 (0.88,1.80)	1.20 (0.95,1.53)	0.88 (0.64,1.22)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.89 (0.42,1.91)	0.64 (0.36,1.12)	1.53 (0.81,2.88)
Benzo[*ghi*]perylene			
Potential Exposure via Inhalation	1.31 (0.78,2.21)	1.33 (0.96,1.83)	0.96 (0.59,1.58)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.96 (0.48,1.90)	0.72 (0.43,1.19)	1.60 (0.92,2.80)
Potential Absorbed Dose via Inhalation	1.45 (0.83,2.54)	1.30 (0.91,1.84)	0.84 (0.50,1.42)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	1.03 (0.50,2.11)	0.66 (0.38,1.12)	1.42 (0.79,2.56)
Benzo[*a*]pyrene			
Potential Exposure via Inhalation	1.18 (0.74,1.87)	1.57** (1.13,2.19)	1.03 (0.69,1.54)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.97 (0.48,1.99)	0.68 (0.40,1.15)	1.65 (0.91,3.00)
Potential Absorbed Dose via Inhalation	1.29 (0.79,2.11)	1.51* (1.06,2.15)	0.90 (0.59,1.37)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	1.04 (0.49,2.21)	0.62 (0.36,1.08)	1.46 (0.78,2.74)

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Benzo[*e*]pyrene			
Potential Exposure via Inhalation	1.15 (0.81,1.65)	1.36* (1.07,1.74)	1.05 (0.76,1.45)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.89 (0.44,1.79)	0.74 (0.44,1.24)	1.67 (0.94,2.96)
Potential Absorbed Dose via Inhalation	1.27 (0.86,1.87)	1.31* (1.00,1.72)	0.92 (0.65,1.29)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.95 (0.46,1.99)	0.68 (0.39,1.17)	1.48 (0.81,2.71)
Benzylbutylphthalate			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.54 (0.25,1.19)	1.55 (0.88,2.75)	1.49 (0.80,2.79)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.57 (0.25,1.30)	1.35 (0.74,2.45)	1.33 (0.68,2.63)
Bisphenol-A			
Potential Exposure via Inhalation	1.03 (0.57,1.86)	1.33 (0.91,1.93)	0.81 (0.47,1.41)
Potential Exposure via Dietary Ingestion	0.68 (0.38,1.20)	0.90 (0.60,1.35)	2.47** (1.54,3.96)
Potential Exposure via Indirect Ingestion [b]	0.83 (0.41,1.66)	0.76 (0.45,1.28)	1.16 (0.70,1.92)
Potential Absorbed Dose via Inhalation	1.14 (0.61,2.12)	1.28 (0.85,1.91)	0.71 (0.40,1.27)
Potential Absorbed Dose via Dietary Ingestion	0.73 (0.41,1.32)	0.84 (0.56,1.28)	2.19** (1.36,3.53)
Potential Absorbed Dose via Indirect Ingestion [b]	0.84 (0.41,1.73)	0.65 (0.38,1.12)	1.05 (0.57,1.91)
Aggregated Potential Exposure	0.68 (0.41,1.12)	0.87 (0.58,1.31)	2.12** (1.42,3.17)
Aggregated Potential Absorbed Dose	0.73 (0.44,1.22)	0.82 (0.54,1.25)	1.85** (1.23,2.79)
***alpha*-Chlordane**			
Potential Exposure via Inhalation	0.77 (0.35,1.68)	1.36 (0.78,2.38)	1.33 (0.67,2.61)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.66 (0.27,1.63)	0.84 (0.44,1.57)	1.79 (0.80,3.98)
Potential Absorbed Dose via Inhalation	0.84 (0.38,1.88)	1.30 (0.73,2.31)	1.16 (0.58,2.32)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.72 (0.28,1.85)	0.76 (0.39,1.46)	1.58 (0.68,3.65)
***gamma*-Chlordane**			
Potential Exposure via Inhalation	0.78 (0.34,1.78)	1.43 (0.80,2.56)	1.36 (0.66,2.80)
Potential Exposure via Dietary Ingestion [a]	--	--	--

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Potential Exposure via Indirect Ingestion	0.68 (0.27,1.75)	0.83 (0.43,1.58)	1.81 (0.78,4.18)
Potential Absorbed Dose via Inhalation	0.85 (0.37,1.97)	1.36 (0.75,2.47)	1.19 (0.57,2.47)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.74 (0.28,1.96)	0.75 (0.38,1.46)	1.60 (0.67,3.81)
Chlorpyrifos			
Potential Exposure via Inhalation	0.87 (0.42,1.78)	1.02 (0.61,1.71)	1.51 (0.83,2.77)
Potential Exposure via Dietary Ingestion	1.13 (0.54,2.39)	1.14 (0.70,1.85)	1.29 (0.66,2.51)
Potential Exposure via Indirect Ingestion	0.88 (0.41,1.90)	0.99 (0.56,1.75)	1.40 (0.77,2.57)
Potential Absorbed Dose via Inhalation	0.95 (0.47,1.93)	0.98 (0.59,1.64)	1.32 (0.73,2.39)
Potential Absorbed Dose via Dietary Ingestion	1.24 (0.60,2.55)	1.08 (0.66,1.75)	1.13 (0.60,2.12)
Potential Absorbed Dose via Indirect Ingestion	0.96 (0.44,2.07)	0.90 (0.51,1.61)	1.24 (0.67,2.28)
Aggregated Potential Exposure	1.04 (0.51,2.08)	1.27 (0.75,2.14)	1.21 (0.65,2.27)
Aggregated Potential Absorbed Dose	1.11 (0.57,2.17)	1.17 (0.70,1.95)	1.05 (0.59,1.87)
Chrysene			
Potential Exposure via Inhalation	1.46 (0.90,2.37)	1.57** (1.14,2.17)	0.93 (0.60,1.44)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.91 (0.43,1.91)	0.69 (0.40,1.19)	1.83 (0.99,3.39)
Potential Absorbed Dose via Inhalation	1.61 (0.96,2.70)	1.52* (1.07,2.15)	0.81 (0.51,1.29)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.98 (0.45,2.10)	0.63 (0.36,1.11)	1.62 (0.86,3.07)
Cyfluthrin			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion [c]	0.62 (0.22,1.74)	0.70 (0.33,1.49)	1.07 (0.43,2.66)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion [c]	0.67 (0.23,1.95)	0.64 (0.30,1.39)	0.95 (0.37,2.40)
Diazinon			
Potential Exposure via Inhalation	0.93 (0.36,2.39)	2.24* (1.15,4.38)	1.38 (0.62,3.11)
Potential Exposure via Dietary Ingestion [b]	0.86 (0.52,1.42)	1.07 (0.76,1.50)	1.37 (0.87,2.14)
Potential Exposure via Indirect Ingestion	0.74 (0.23,2.38)	1.60 (0.71,3.63)	1.53 (0.53,4.42)
Potential Absorbed Dose via Inhalation	1.02 (0.40,2.62)	2.14* (1.09,4.18)	1.21 (0.54,2.73)
Potential Absorbed Dose via Dietary Ingestion [b]	0.94 (0.58,1.52)	1.04 (0.74,1.46)	1.20 (0.79,1.82)

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Potential Absorbed Dose via Indirect Ingestion	0.80 (0.24,2.61)	1.43 (0.62,3.27)	1.35 (0.46,3.99)
Aggregated Potential Exposure	0.93 (0.44,1.94)	1.42 (0.81,2.49)	1.44 (0.74,2.83)
Aggregated Potential Absorbed Dose	1.00 (0.48,2.08)	1.32 (0.76,2.30)	1.26 (0.65,2.44)
Dibenzo[*a,h*]anthracene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.81 (0.39,1.65)	0.72 (0.43,1.23)	1.66 (0.92,3.01)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.87 (0.41,1.84)	0.66 (0.38,1.16)	1.47 (0.79,2.76)
Di-*n*-butylphthalate			
Potential Exposure via Inhalation	1.16 (0.85,1.58)	1.10 (0.90,1.35)	1.77** (1.33,2.37)
Potential Exposure via Dietary Ingestion [b]	0.88 (0.46,1.67)	0.66 (0.40,1.08)	1.56 (0.84,2.89)
Potential Exposure via Indirect Ingestion	1.12 (0.69,1.83)	1.02 (0.70,1.50)	1.30 (0.91,1.86)
Potential Absorbed Dose via Inhalation	1.28 (0.91,1.80)	1.07 (0.85,1.35)	1.54** (1.14,2.10)
Potential Absorbed Dose via Dietary Ingestion [b]	0.90 (0.47,1.72)	0.58* (0.35,0.95)	1.41 (0.76,2.61)
Potential Absorbed Dose via Indirect Ingestion	1.19 (0.69,2.06)	0.88 (0.58,1.34)	1.15 (0.75,1.75)
Aggregated Potential Exposure	0.90 (0.49,1.65)	0.73 (0.45,1.19)	1.66 (0.93,2.96)
Aggregated Potential Absorbed Dose	0.92 (0.50,1.67)	0.64 (0.39,1.04)	1.48 (0.83,2.62)
***p,p'*-DDE**			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion	0.97 (0.55,1.71)	1.06 (0.74,1.50)	1.57 (0.94,2.62)
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion	1.06 (0.59,1.92)	0.99 (0.69,1.44)	1.38 (0.81,2.36)
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
2,4-D (2,4-dichlorophenoxyacetic acid)			
Potential Exposure via Inhalation [c]	1.21 (0.65,2.24)	1.46 (0.96,2.22)	2.23** (1.28,3.89)
Potential Exposure via Dietary Ingestion	1.22 (0.72,2.09)	1.01 (0.69,1.48)	1.59* (1.04,2.42)
Potential Exposure via Indirect Ingestion	3.39** (1.64,7.02)	0.27** (0.15,0.47)	0.54* (0.31,0.94)
Potential Absorbed Dose via Inhalation [c]	1.33 (0.71,2.48)	1.41 (0.92,2.16)	1.94* (1.12,3.39)
Potential Absorbed Dose via Dietary Ingestion	1.30 (0.76,2.24)	0.93 (0.63,1.36)	1.43 (0.94,2.17)
Potential Absorbed Dose via Indirect Ingestion	3.68** (1.74,7.77)	0.25** (0.14,0.45)	0.47* (0.27,0.84)

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Aggregated Potential Exposure	1.27 (0.70,2.29)	1.08 (0.70,1.66)	1.46 (0.95,2.23)
Aggregated Potential Absorbed Dose	1.35 (0.73,2.50)	0.99 (0.63,1.54)	1.27 (0.82,1.95)
Heptachlor			
Potential Exposure via Inhalation	1.11 (0.47,2.65)	1.30 (0.74,2.29)	1.82 (0.82,4.07)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	1.21 (0.50,2.93)	1.23 (0.69,2.22)	1.60 (0.71,3.59)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
Indeno[1,2,3-*cd*]pyrene			
Potential Exposure via Inhalation	1.20 (0.75,1.92)	1.48* (1.09,2.01)	0.97 (0.63,1.50)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	1.03 (0.51,2.05)	0.73 (0.43,1.22)	1.49 (0.85,2.63)
Potential Absorbed Dose via Inhalation	1.33 (0.80,2.20)	1.43* (1.02,2.00)	0.85 (0.53,1.34)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	1.10 (0.53,2.27)	0.67 (0.39,1.14)	1.32 (0.73,2.40)
Pentachlorophenol			
Potential Exposure via Inhalation	0.76 (0.40,1.44)	1.36 (0.89,2.08)	1.61 (0.90,2.89)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.91 (0.44,1.92)	1.04 (0.59,1.82)	0.83 (0.46,1.50)
Potential Absorbed Dose via Inhalation	0.84 (0.43,1.61)	1.31 (0.85,2.02)	1.40 (0.77,2.55)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.99 (0.46,2.11)	0.96 (0.54,1.70)	0.74 (0.40,1.35)
***cis*-Permethrin**			
Potential Exposure via Inhalation	0.67 (0.30,1.50)	2.38** (1.35,4.22)	1.44 (0.72,2.90)
Potential Exposure via Dietary Ingestion [b]	1.86 (0.61,5.62)	0.88 (0.41,1.91)	2.13 (0.85,5.35)
Potential Exposure via Indirect Ingestion	1.03 (0.40,2.65)	1.19 (0.59,2.38)	1.20 (0.55,2.62)
Potential Absorbed Dose via Inhalation	0.73 (0.32,1.65)	2.26** (1.27,4.02)	1.26 (0.62,2.58)
Potential Absorbed Dose via Dietary Ingestion [b]	2.02 (0.67,6.13)	0.82 (0.38,1.78)	1.88 (0.75,4.73)
Potential Absorbed Dose via Indirect Ingestion	1.11 (0.42,2.94)	1.08 (0.53,2.19)	1.06 (0.48,2.39)
Aggregated Potential Exposure	1.78 (0.67,4.73)	0.81 (0.38,1.70)	2.08 (0.90,4.84)
Aggregated Potential Absorbed Dose	1.92 (0.72,5.16)	0.74 (0.35,1.58)	1.80 (0.77,4.22)

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
***trans*-Permethrin**			
Potential Exposure via Inhalation	0.71 (0.32,1.60)	2.45** (1.37,4.36)	1.46 (0.73,2.91)
Potential Exposure via Dietary Ingestion [b]	1.88 (0.67,5.26)	0.95 (0.46,1.96)	1.85 (0.79,4.34)
Potential Exposure via Indirect Ingestion	1.05 (0.39,2.84)	1.05 (0.50,2.19)	1.28 (0.57,2.86)
Potential Absorbed Dose via Inhalation	0.77 (0.34,1.77)	2.31** (1.29,4.15)	1.28 (0.62,2.61)
Potential Absorbed Dose via Dietary Ingestion [b]	2.05 (0.73,5.77)	0.88 (0.43,1.82)	1.63 (0.69,3.84)
Potential Absorbed Dose via Indirect Ingestion	1.14 (0.41,3.16)	0.95 (0.45,2.03)	1.13 (0.49,2.60)
Aggregated Potential Exposure	1.96 (0.77,4.99)	0.81 (0.40,1.65)	1.84 (0.82,4.12)
Aggregated Potential Absorbed Dose	2.13 (0.83,5.48)	0.74 (0.36,1.53)	1.58 (0.70,3.59)
PCB 52			
Potential Exposure via Inhalation	0.89 (0.59,1.35)	0.97 (0.71,1.33)	1.30 (0.94,1.81)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	0.97 (0.62,1.50)	0.93 (0.67,1.29)	1.14 (0.80,1.62)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
PCB 95			
Potential Exposure via Inhalation	0.95 (0.61,1.47)	1.14 (0.82,1.59)	1.16 (0.82,1.62)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	1.03 (0.64,1.63)	1.09 (0.77,1.54)	1.01 (0.70,1.46)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
PCB 101			
Potential Exposure via Inhalation	0.83 (0.50,1.36)	1.12 (0.77,1.62)	1.12 (0.75,1.66)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	0.90 (0.54,1.50)	1.07 (0.73,1.56)	0.98 (0.65,1.47)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)			
Potential Exposure via Inhalation	0.96 (0.49,1.89)	0.96 (0.60,1.54)	1.44 (0.80,2.61)
Potential Exposure via Dietary Ingestion	0.80 (0.45,1.44)	0.65* (0.47,0.90)	1.82* (1.05,3.15)

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Table R-1. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Potential Exposure via Indirect Ingestion	0.67 (0.30,1.50)	1.09 (0.59,2.01)	0.92 (0.49,1.74)
Potential Absorbed Dose via Inhalation	1.06 (0.54,2.07)	0.92 (0.57,1.49)	1.26 (0.71,2.25)
Potential Absorbed Dose via Dietary Ingestion	0.87 (0.50,1.53)	0.60** (0.43,0.84)	1.62 (0.96,2.72)
Potential Absorbed Dose via Indirect Ingestion	0.72 (0.32,1.63)	1.01 (0.54,1.86)	0.81 (0.43,1.54)
Aggregated Potential Exposure	0.79 (0.46,1.37)	0.61* (0.41,0.89)	1.76* (1.05,2.95)
Aggregated Potential Absorbed Dose	0.86 (0.51,1.45)	0.56** (0.38,0.81)	1.54 (0.95,2.50)

[a] Results are not presented because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[b] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, results are presented because this was one of the eight pollutants mentioned at the end of Section 9.2.
[c] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Benz[*a*]anthracene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.69** (1.80,7.56)	0.43** (0.26,0.70)	3.29** (1.88,5.76)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.65** (1.74,7.66)	0.43** (0.26,0.72)	3.08** (1.73,5.47)
Benzo[*b*]fluoranthene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.55** (1.80,6.99)	0.43** (0.27,0.69)	3.15** (1.86,5.32)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.52** (1.74,7.12)	0.43** (0.26,0.70)	2.94** (1.71,5.07)
Benzo[*k*]fluoranthene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.18** (1.59,6.36)	0.43** (0.26,0.69)	3.16** (1.85,5.40)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.16** (1.54,6.51)	0.43** (0.26,0.71)	2.95** (1.69,5.16)
Benzo[*ghi*]perylene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.18** (1.61,6.30)	0.43** (0.27,0.69)	3.12** (1.83,5.32)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.16** (1.55,6.43)	0.43** (0.26,0.71)	2.92** (1.68,5.08)
Benzo[*a*]pyrene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.35** (1.64,6.81)	0.41** (0.25,0.67)	3.09** (1.77,5.38)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.32** (1.59,6.95)	0.41** (0.25,0.69)	2.89** (1.62,5.12)

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Benzo[*e*]pyrene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.23** (1.63,6.39)	0.43** (0.27,0.70)	3.04** (1.79,5.16)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.21** (1.57,6.53)	0.44** (0.26,0.72)	2.84** (1.64,4.92)
Benzylbutylphthalate			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion	1.75 (0.62,4.91)	0.87 (0.41,1.86)	2.83** (1.33,6.02)
Potential Exposure via Indirect Ingestion	0.63 (0.32,1.24)	0.96 (0.59,1.55)	2.73** (1.64,4.57)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion	1.73 (0.61,4.94)	0.95 (0.44,2.04)	2.44* (1.14,5.25)
Potential Absorbed Dose via Indirect Ingestion	0.63 (0.31,1.27)	0.97 (0.59,1.61)	2.54** (1.51,4.29)
Bisphenol-A			
Potential Exposure via Inhalation	0.95 (0.61,1.48)	1.38* (1.00,1.90)	1.39 (0.98,1.97)
Potential Exposure via Dietary Ingestion	1.17 (0.64,2.12)	1.14 (0.77,1.69)	1.44 (0.97,2.13)
Potential Exposure via Indirect Ingestion	1.04 (0.61,1.79)	0.68 (0.45,1.03)	1.07 (0.70,1.63)
Potential Absorbed Dose via Inhalation	0.96 (0.61,1.50)	1.31 (0.94,1.81)	1.29 (0.91,1.83)
Potential Absorbed Dose via Dietary Ingestion	1.20 (0.67,2.15)	1.15 (0.77,1.72)	1.34 (0.91,1.96)
Potential Absorbed Dose via Indirect Ingestion	1.03 (0.57,1.87)	0.68 (0.44,1.07)	0.99 (0.65,1.53)
Aggregated Potential Exposure	1.42 (0.79,2.55)	1.28 (0.79,2.07)	1.55 (0.97,2.46)
Aggregated Potential Absorbed Dose	1.48 (0.79,2.77)	1.27 (0.76,2.13)	1.43 (0.87,2.33)
***alpha*-Chlordane**			
Potential Exposure via Inhalation	1.03 (0.49,2.20)	1.44 (0.88,2.35)	0.78 (0.44,1.39)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	1.49 (0.62,3.59)	1.01 (0.53,1.90)	1.05 (0.55,2.03)
Potential Absorbed Dose via Inhalation	1.01 (0.48,2.14)	1.42 (0.86,2.34)	0.73 (0.41,1.28)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	1.47 (0.61,3.57)	1.02 (0.54,1.94)	0.98 (0.51,1.89)
***gamma*-Chlordane**			
Potential Exposure via Inhalation	1.09 (0.49,2.41)	1.42 (0.85,2.37)	0.79 (0.43,1.46)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	1.40 (0.56,3.50)	1.05 (0.54,2.03)	1.10 (0.55,2.18)

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Potential Absorbed Dose via Inhalation	1.06 (0.48,2.34)	1.40 (0.83,2.37)	0.74 (0.41,1.34)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	1.38 (0.55,3.47)	1.06 (0.54,2.07)	1.02 (0.52,2.03)
Chlorpyrifos			
Potential Exposure via Inhalation	1.54 (0.78,3.06)	1.25 (0.76,2.04)	1.48 (0.83,2.65)
Potential Exposure via Dietary Ingestion	0.92 (0.50,1.72)	2.00** (1.29,3.08)	1.02 (0.66,1.60)
Potential Exposure via Indirect Ingestion	1.42 (0.58,3.45)	1.30 (0.68,2.48)	2.52** (1.31,4.85)
Potential Absorbed Dose via Inhalation	1.53 (0.76,3.09)	1.17 (0.70,1.96)	1.44 (0.80,2.60)
Potential Absorbed Dose via Dietary Ingestion	0.94 (0.51,1.73)	2.06** (1.34,3.18)	0.92 (0.60,1.39)
Potential Absorbed Dose via Indirect Ingestion	1.42 (0.57,3.53)	1.35 (0.69,2.62)	2.33* (1.20,4.54)
Aggregated Potential Exposure	1.03 (0.59,1.79)	1.64* (1.04,2.58)	1.20 (0.75,1.94)
Aggregated Potential Absorbed Dose	1.08 (0.61,1.90)	1.66* (1.04,2.66)	1.07 (0.67,1.72)
Chrysene			
Potential Exposure via Inhalation [c]	1.36 (0.88,2.11)	1.17 (0.86,1.59)	1.37 (0.97,1.92)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.51** (1.76,6.98)	0.42** (0.26,0.68)	3.24** (1.91,5.50)
Potential Absorbed Dose via Inhalation [c]	1.39 (0.89,2.19)	1.10 (0.79,1.52)	1.34 (0.95,1.90)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.47** (1.70,7.11)	0.42** (0.25,0.70)	3.03** (1.75,5.23)
Cyfluthrin			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	2.47* (1.07,5.69)	0.79 (0.44,1.39)	1.64 (0.85,3.14)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	2.44* (1.04,5.73)	0.79 (0.44,1.43)	1.53 (0.79,2.96)
Diazinon			
Potential Exposure via Inhalation	0.61 (0.27,1.42)	1.57 (0.88,2.82)	2.02* (1.13,3.59)
Potential Exposure via Dietary Ingestion [b]	0.84 (0.63,1.14)	1.15 (0.93,1.41)	1.37** (1.11,1.69)
Potential Exposure via Indirect Ingestion	1.57 (0.49,5.00)	0.77 (0.35,1.69)	3.45** (1.38,8.61)
Potential Absorbed Dose via Inhalation	0.62 (0.27,1.45)	1.57 (0.87,2.83)	1.88* (1.05,3.38)
Potential Absorbed Dose via Dietary Ingestion [b]	0.83 (0.60,1.15)	1.16 (0.93,1.46)	1.28* (1.02,1.60)
Potential Absorbed Dose via Indirect Ingestion	1.58 (0.49,5.11)	0.76 (0.35,1.68)	3.22* (1.27,8.17)

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Aggregated Potential Exposure	0.86 (0.50,1.49)	1.25 (0.83,1.86)	1.66* (1.11,2.48)
Aggregated Potential Absorbed Dose	0.88 (0.51,1.51)	1.28 (0.86,1.90)	1.52* (1.01,2.29)
Dibenzo[*a,h*]anthracene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.50** (1.75,7.03)	0.44** (0.27,0.71)	3.19** (1.85,5.51)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.47** (1.68,7.14)	0.44** (0.27,0.73)	2.98** (1.70,5.25)
Di-*n*-butylphthalate			
Potential Exposure via Inhalation	0.65* (0.45,0.93)	1.05 (0.85,1.31)	1.44* (1.09,1.90)
Potential Exposure via Dietary Ingestion [b]	0.95 (0.44,2.05)	1.15 (0.66,2.02)	2.17** (1.24,3.82)
Potential Exposure via Indirect Ingestion	1.31 (0.74,2.29)	0.76 (0.51,1.15)	2.02** (1.32,3.10)
Potential Absorbed Dose via Inhalation	0.63* (0.44,0.92)	1.04 (0.81,1.32)	1.34* (1.02,1.76)
Potential Absorbed Dose via Dietary Ingestion [b]	0.94 (0.43,2.05)	1.25 (0.71,2.21)	1.87* (1.06,3.31)
Potential Absorbed Dose via Indirect Ingestion	1.26 (0.70,2.28)	0.76 (0.49,1.17)	1.88** (1.23,2.88)
Aggregated Potential Exposure	0.92 (0.46,1.87)	1.21 (0.70,2.09)	2.07** (1.21,3.52)
Aggregated Potential Absorbed Dose	0.93 (0.46,1.90)	1.27 (0.73,2.20)	1.76* (1.03,3.02)
***p,p'*-DDE**			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion	0.95 (0.52,1.74)	0.86 (0.58,1.27)	1.44 (0.90,2.29)
Potential Exposure via Indirect Ingestion [c]	0.91 (0.41,2.05)	0.92 (0.53,1.58)	1.15 (0.61,2.16)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion	0.96 (0.52,1.77)	0.84 (0.56,1.27)	1.33 (0.83,2.11)
Potential Absorbed Dose via Indirect Ingestion [c]	0.91 (0.40,2.08)	0.91 (0.52,1.58)	1.08 (0.56,2.06)
2,4-D (2,4-dichlorophenoxyacetic acid)			
Potential Exposure via Inhalation [b]	0.60 (0.30,1.22)	0.87 (0.61,1.24)	0.96 (0.57,1.61)
Potential Exposure via Dietary Ingestion [b]	1.37 (0.73,2.59)	1.00 (0.66,1.51)	1.36 (0.85,2.19)
Potential Exposure via Indirect Ingestion	2.80* (1.03,7.62)	0.29** (0.15,0.54)	1.85 (0.86,3.97)
Potential Absorbed Dose via Inhalation [b]	0.59 (0.29,1.18)	0.80 (0.56,1.16)	0.90 (0.54,1.52)
Potential Absorbed Dose via Dietary Ingestion [b]	1.36 (0.72,2.57)	0.98 (0.65,1.49)	1.28 (0.80,2.07)
Potential Absorbed Dose via Indirect Ingestion	2.84* (1.04,7.79)	0.29** (0.15,0.54)	1.73 (0.80,3.75)
Aggregated Potential Exposure	1.58 (0.68,3.67)	0.86 (0.58,1.30)	1.23 (0.67,2.26)

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
Aggregated Potential Absorbed Dose	1.56 (0.67,3.64)	0.83 (0.56,1.25)	1.15 (0.62,2.12)
Indeno[1,2,3-*cd*]pyrene			
Potential Exposure via Inhalation [a]	--	--	--
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	3.34** (1.66,6.72)	0.43** (0.27,0.69)	3.20** (1.85,5.53)
Potential Absorbed Dose via Inhalation [a]	--	--	--
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	3.31** (1.60,6.86)	0.43** (0.26,0.71)	3.00** (1.70,5.28)
Pentachlorophenol			
Potential Exposure via Inhalation	0.55 (0.23,1.36)	0.90 (0.50,1.61)	0.70 (0.36,1.36)
Potential Exposure via Dietary Ingestion [a]	--	--	--
Potential Exposure via Indirect Ingestion	0.71 (0.34,1.50)	0.82 (0.50,1.35)	1.33 (0.77,2.30)
Potential Absorbed Dose via Inhalation	0.54 (0.22,1.35)	0.87 (0.48,1.58)	0.66 (0.34,1.30)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--
Potential Absorbed Dose via Indirect Ingestion	0.72 (0.33,1.56)	0.84 (0.50,1.43)	1.24 (0.71,2.17)
***cis*-Permethrin**			
Potential Exposure via Inhalation [b]	1.10 (0.74,1.63)	1.15 (0.89,1.49)	1.28 (0.95,1.72)
Potential Exposure via Dietary Ingestion [b]	1.25 (0.42,3.70)	1.07 (0.51,2.24)	3.14** (1.43,6.89)
Potential Exposure via Indirect Ingestion	0.46 (0.20,1.09)	0.87 (0.47,1.61)	1.95* (1.04,3.69)
Potential Absorbed Dose via Inhalation [b]	1.10 (0.71,1.68)	1.13 (0.85,1.51)	1.20 (0.88,1.65)
Potential Absorbed Dose via Dietary Ingestion [b]	1.24 (0.42,3.64)	1.08 (0.52,2.28)	2.92** (1.34,6.34)
Potential Absorbed Dose via Indirect Ingestion	0.46 (0.19,1.11)	0.91 (0.48,1.71)	1.81 (0.95,3.43)
Aggregated Potential Exposure	0.98 (0.41,2.30)	1.29 (0.70,2.39)	2.34* (1.20,4.55)
Aggregated Potential Absorbed Dose	0.97 (0.42,2.26)	1.33 (0.72,2.44)	2.16* (1.13,4.14)
***trans*-Permethrin**			
Potential Exposure via Inhalation [b]	1.05 (0.70,1.56)	1.11 (0.86,1.44)	1.30 (0.96,1.75)
Potential Exposure via Dietary Ingestion [b]	1.23 (0.43,3.52)	1.05 (0.51,2.15)	2.92** (1.36,6.26)
Potential Exposure via Indirect Ingestion	0.49 (0.19,1.28)	1.07 (0.51,2.25)	1.78 (0.84,3.78)
Potential Absorbed Dose via Inhalation [b]	1.04 (0.68,1.60)	1.11 (0.83,1.47)	1.22 (0.89,1.68)
Potential Absorbed Dose via Dietary Ingestion [b]	1.22 (0.43,3.46)	1.07 (0.52,2.18)	2.72* (1.28,5.76)
Potential Absorbed Dose via Indirect Ingestion	0.49 (0.19,1.29)	1.13 (0.53,2.42)	1.65 (0.78,3.49)
Aggregated Potential Exposure	0.91 (0.46,1.83)	1.05 (0.60,1.86)	1.50 (0.88,2.55)
Aggregated Potential Absorbed Dose	0.90 (0.45,1.79)	1.12 (0.64,1.96)	1.37 (0.80,2.32)

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
PCB 52			
Potential Exposure via Inhalation	0.63 (0.34,1.14)	0.93 (0.66,1.31)	1.36 (0.83,2.23)
Potential Exposure via Dietary Ingestion [d]			
Potential Exposure via Indirect Ingestion	0.78 (0.39,1.57)	0.79 (0.48,1.30)	1.54 (0.91,2.62)
Potential Absorbed Dose via Inhalation	0.63 (0.35,1.14)	0.92 (0.63,1.34)	1.28 (0.80,2.04)
Potential Absorbed Dose via Dietary Ingestion [d]			
Potential Absorbed Dose via Indirect Ingestion	0.78 (0.38,1.60)	0.81 (0.48,1.35)	1.42 (0.83,2.42)
PCB 95			
Potential Exposure via Inhalation	0.77 (0.41,1.46)	0.96 (0.63,1.47)	1.43 (0.89,2.30)
Potential Exposure via Dietary Ingestion [d]			
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	0.78 (0.41,1.47)	0.94 (0.61,1.45)	1.34 (0.84,2.13)
Potential Absorbed Dose via Dietary Ingestion [d]			
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--
PCB 101			
Potential Exposure via Inhalation	0.65 (0.33,1.28)	0.84 (0.54,1.32)	1.73* (1.05,2.85)
Potential Exposure via Dietary Ingestion [d]			
Potential Exposure via Indirect Ingestion [a]	--	--	--
Potential Absorbed Dose via Inhalation	0.65 (0.33,1.29)	0.83 (0.53,1.31)	1.62 (0.99,2.68)
Potential Absorbed Dose via Dietary Ingestion [d]			
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--

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Table R-2. Estimated Ratio Between Selected Strata of Geometric Mean Potential Exposure and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)			
Potential Exposure via Inhalation	1.53 (0.75,3.11)	1.70* (1.11,2.61)	1.01 (0.60,1.70)
Potential Exposure via Dietary Ingestion	0.83 (0.48,1.46)	0.87 (0.60,1.27)	1.14 (0.75,1.73)
Potential Exposure via Indirect Ingestion	1.68 (0.76,3.72)	0.92 (0.52,1.64)	1.81* (1.01,3.24)
Potential Absorbed Dose via Inhalation	1.49 (0.72,3.11)	1.73* (1.11,2.70)	0.94 (0.55,1.59)
Potential Absorbed Dose via Dietary Ingestion	0.84 (0.49,1.44)	0.87 (0.60,1.26)	1.07 (0.73,1.57)
Potential Absorbed Dose via Indirect Ingestion	1.65 (0.73,3.74)	0.96 (0.53,1.74)	1.67 (0.93,3.01)
Aggregated Potential Exposure	0.67 (0.35,1.32)	0.90 (0.59,1.38)	1.23 (0.75,2.00)
Aggregated Potential Absorbed Dose	0.67 (0.35,1.28)	0.92 (0.60,1.40)	1.13 (0.71,1.78)

[a] Results are not presented because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[b] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, results are presented because this was one of the eight pollutants mentioned at the end of Section 9.2.
[c] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.
[d] No available data for calculations to be made.

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a]

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Benz[*a*]anthracene							
Potential Exposure via Inhalation (ng/day)	0.132	0.056	0.514	1.000	0.515	0.001**	<0.001**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.733	0.135	0.080	<0.001**	0.860	0.874	0.035*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.078	0.106	0.255	<0.001**	0.797	0.315	0.026*
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.884	0.084	0.191	<0.001**	0.938	0.830	0.085
Benzo[*b*]fluoranthene							
Potential Exposure via Inhalation (ng/day)	0.173	0.010*	0.747	1.000	0.666	0.109	0.028*
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.830	0.271	0.046*	<0.001**	0.988	0.598	0.069
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.104	0.029*	0.821	<0.001**	0.294	0.870	0.223
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.984	0.177	0.125	<0.001**	0.802	0.401	0.154
Benzo[*k*]fluoranthene							
Potential Exposure via Inhalation (ng/day)	0.394	0.036*	0.930	1.000	0.934	0.032*	0.001**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.616	0.184	0.077	<0.001**	0.975	0.773	0.064
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.198	0.123	0.447	<0.001**	0.429	0.984	0.142
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.765	0.116	0.185	<0.001**	0.826	0.518	0.141
Benzo[*ghi*]perylene							
Potential Exposure via Inhalation (ng/day)	0.304	0.083	0.878	1.000	0.963	0.405	0.584
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)	0.906	0.195	0.097	<0.001**	0.919	0.697	0.051
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.186	0.145	0.502	<0.001**	0.400	0.457	0.926
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.938	0.124	0.238	<0.001**	0.885	0.468	0.119
Benzo[*a*]pyrene							
Potential Exposure via Inhalation (ng/day)	0.486	0.007**	0.880	1.000	0.830	0.064	0.013*
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.942	0.150	0.098	<0.001**	0.783	0.926	0.052
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.307	0.022*	0.615	<0.001**	0.462	0.930	0.252
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.910	0.093	0.228	<0.001**	0.991	0.645	0.118
Benzo[*e*]pyrene							
Potential Exposure via Inhalation (ng/day)	0.431	0.014*	0.755	1.000	0.941	0.036*	0.001**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.744	0.246	0.078	<0.001**	0.923	0.791	0.053
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.221	0.046*	0.615	<0.001**	0.434	0.949	0.085
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.901	0.159	0.196	<0.001**	0.879	0.542	0.124
Benzylbutylphthalate							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.122	0.127	0.193	<0.001**	0.502	0.266	0.014*
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.177	0.323	0.383	<0.001**	0.660	0.134	0.036*
Bisphenol-A							
Potential Exposure via Inhalation (ng/day)	0.924	0.140	0.450	1.000	0.762	0.506	0.698
Potential Exposure via Dietary Ingestion (ng/day)	0.176	0.616	0.001**				
Potential Exposure via Indirect Ingestion (ng/day)[(d)]	0.569	0.287	0.531	<0.001**	0.251	0.955	0.838
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.682	0.231	0.236	<0.001**	0.414	0.922	0.995
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.295	0.419	0.003**				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[(d)]	0.622	0.118	0.871	<0.001**	0.400	0.685	0.634
Aggregated Potential Exposure (ng/day)	0.129	0.502	<0.001**				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.227	0.346	0.004**				
***alpha*-Chlordane**							
Potential Exposure via Inhalation (ng/day)	0.500	0.273	0.397	1.000	0.129	0.341	0.023*
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.363	0.574	0.150	<0.001**	0.037*	0.724	0.002**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.668	0.362	0.665	<0.001**	0.385	0.953	0.103
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.487	0.399	0.281	<0.001**	0.066	0.875	0.006**
***gamma*-Chlordane**							
Potential Exposure via Inhalation (ng/day)	0.546	0.220	0.395	0.998	0.116	0.361	0.019*
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.422	0.560	0.160	<0.001**	0.030*	0.839	0.002**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.695	0.302	0.635	<0.001**	0.318	0.886	0.074

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.543	0.388	0.286	<0.001**	0.056	0.948	0.005**
Chlorpyrifos							
Potential Exposure via Inhalation (ng/day)	0.695	0.945	0.170	1.000	0.055	0.187	0.727
Potential Exposure via Dietary Ingestion (ng/day)	0.742	0.604	0.446				
Potential Exposure via Indirect Ingestion (ng/day)	0.747	0.967	0.262	<0.001**	0.691	0.287	0.468
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.885	0.938	0.342	<0.001**	0.386	0.985	0.877
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.560	0.767	0.695				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.906	0.726	0.485	<0.001**	0.900	0.203	0.634
Aggregated Potential Exposure (ng/day)	0.920	0.368	0.531				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.754	0.537	0.853				
Chrysene							
Potential Exposure via Inhalation (ng/day)	0.123	0.006**	0.737	1.000	0.849	0.003**	0.006**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.801	0.178	0.053	<0.001**	0.916	0.787	0.051
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.071	0.020*	0.368	<0.001**	0.343	0.465	0.120
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.949	0.110	0.132	<0.001**	0.878	0.899	0.116
Cyfluthrin							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)[e]	0.360	0.353	0.876	<0.001**	0.835	0.077	0.285
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[e]	0.462	0.256	0.906	<0.001**	0.732	0.092	0.370
Diazinon							
Potential Exposure via Inhalation (ng/day)	0.881	0.019*	0.417	0.999	0.716	0.377	0.042*
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.542	0.703	0.164				
Potential Exposure via Indirect Ingestion (ng/day)	0.613	0.254	0.425	<0.001**	0.730	0.393	0.007**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.965	0.027*	0.634	<0.001**	0.462	0.206	0.110
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[d]	0.787	0.806	0.354				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.706	0.395	0.575	<0.001**	0.883	0.333	0.012*
Aggregated Potential Exposure (ng/day)	0.842	0.216	0.271				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.994	0.318	0.482				
Dibenzo[*a*,*h*]anthracene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.551	0.230	0.091	<0.001**	0.960	0.662	0.033*
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.702	0.145	0.217	<0.001**	0.784	0.453	0.082
Di-*n*-butylphthalate							
Potential Exposure via Inhalation (ng/day)	0.358	0.334	<0.001**	1.000	0.842	0.060	<0.001**
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.680	0.096	0.157				
Potential Exposure via Indirect Ingestion (ng/day)	0.638	0.902	0.147	<0.001**	0.592	0.321	0.028*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.155	0.577	0.007**	<0.001**	0.350	0.687	0.006**

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(d)]	0.755	0.032*	0.271				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.515	0.552	0.500	<0.001**	0.810	0.152	0.078
Aggregated Potential Exposure (ng/day)	0.732	0.200	0.085				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.769	0.068	0.177				
***p,p'*-DDE**							
Potential Exposure via Inhalation (ng/day)[(c)]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	0.918	0.753	0.084				
Potential Exposure via Indirect Ingestion (ng/day)[(c)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)[(c)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.841	0.973	0.229				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[(c)]	--	--	--	--	--	--	--
2,4-D (2,4-dichlorophenoxyacetic acid)							
Potential Exposure via Inhalation (ng/day)[(e)]	0.545	0.077	0.006**	0.976	0.547	0.814	<0.001**
Potential Exposure via Dietary Ingestion (ng/day)	0.452	0.945	0.035*	0.443	0.706	0.169	0.023*
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	<0.001**	0.031*	<0.001**	0.752	0.037*	0.144
Potential Absorbed Dose via Inhalation (ng/kg/day)[(e)]	0.368	0.114	0.02*	<0.001**	0.380	0.816	<0.001**
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.333	0.695	0.090	<0.001**	0.638	0.152	0.029*
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.001**	<0.001**	0.011*	<0.001**	0.638	0.039*	0.270
Aggregated Potential Exposure (ng/day)	0.417	0.730	0.079	0.309	0.814	0.498	0.018*
Aggregated Potential Absorbed Dose (ng/kg/day)	0.318	0.950	0.252	<0.001**	0.896	0.463	0.031*
Heptachlor							
Potential Exposure via Inhalation (ng/day)	0.805	0.363	0.137	0.988	0.048*	0.245	0.004**
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.667	0.478	0.249	<0.001**	0.162	0.757	0.025*
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--
Indeno[1,2,3-*cd*]pyrene							
Potential Exposure via Inhalation (ng/day)	0.435	0.013*	0.89	1.000	0.882	0.341	0.189
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.942	0.221	0.162	<0.001**	0.864	0.865	0.034*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.265	0.036*	0.468	<0.001**	0.476	0.600	0.678
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.796	0.139	0.347	<0.001**	0.935	0.597	0.085
Pentachlorophenol							
Potential Exposure via Inhalation (ng/day)	0.39	0.153	0.109	0.999	0.023*	0.049*	0.006**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	0.810	0.896	0.526	<0.001**	0.708	0.242	0.269
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.588	0.220	0.266	<0.001**	0.132	0.235	0.036*
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.977	0.879	0.312	<0.001**	0.884	0.152	0.397
***cis*-Permethrin**							
Potential Exposure via Inhalation (ng/day)	0.320	0.003**	0.297	1.000	0.080	0.860	0.769
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.268	0.743	0.104				
Potential Exposure via Indirect Ingestion (ng/day)	0.946	0.622	0.628	<0.001**	0.475	0.665	0.159
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.441	0.006**	0.516	<0.001**	0.331	0.708	0.951

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(d)]	0.210	0.610	0.175				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.823	0.839	0.875	<0.001**	0.639	0.516	0.297
Aggregated Potential Exposure (ng/day)	0.244	0.572	0.087				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.191	0.437	0.171				
***trans*-Permethrin**							
Potential Exposure via Inhalation (ng/day)	0.403	0.003**	0.278	1.000	0.047*	0.297	0.127
Potential Exposure via Dietary Ingestion (ng/day)[(d)]	0.228	0.892	0.153				
Potential Exposure via Indirect Ingestion (ng/day)	0.915	0.896	0.541	<0.001**	0.558	0.861	0.045*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.538	0.005**	0.494	<0.001**	0.253	0.786	0.376
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(d)]	0.170	0.737	0.260				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.800	0.903	0.773	<0.001**	0.714	0.931	0.099
Aggregated Potential Exposure (ng/day)	0.157	0.552	0.136				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.116	0.413	0.262				
PCB 52							
Potential Exposure via Inhalation (ng/day)	0.582	0.859	0.112	1.000	0.928	0.462	0.063
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)[(c)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.876	0.659	0.453	<0.001**	0.546	0.936	0.246
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[(c)]	--	--	--	--	--	--	--
PCB 95							
Potential Exposure via Inhalation (ng/day)	0.818	0.434	0.395	1.000	0.808	0.757	0.059
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.912	0.632	0.952	<0.001**	0.421	0.653	0.276
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--
PCB 101							
Potential Exposure via Inhalation (ng/day)	0.448	0.544	0.573	1.000	0.802	0.992	0.004**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.675	0.731	0.915	<0.001**	0.452	0.625	0.041*
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--

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Table R-3. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between NC Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Potential Exposure via Inhalation (ng/day)	0.912	0.870	0.216	1.000	0.502	0.138	0.499
Potential Exposure via Dietary Ingestion (ng/day)	0.451	0.011*	0.033*	0.198	0.968	0.892	0.004**
Potential Exposure via Indirect Ingestion (ng/day)	0.320	0.778	0.793	<0.001**	0.500	0.406	0.533
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.863	0.745	0.419	<0.001**	0.897	0.967	0.392
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.633	0.003**	0.068	<0.001**	0.845	0.813	0.010*
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.419	0.985	0.505	<0.001**	0.685	0.304	0.389
Aggregated Potential Exposure (ng/day)	0.403	0.012*	0.034*	0.247	0.892	0.822	0.013*
Aggregated Potential Absorbed Dose (ng/kg/day)	0.569	0.003**	0.080	<0.001**	0.965	0.942	0.031*

[(a)] Blank cells in this table indicate that insufficient data were available in this study to make the statistical comparison specified in the column heading for the given pollutant and exposure route.
[(b)] Tests for statistical significance of the child-adult differences are one-sided tests to determine whether estimates for children are significantly higher than for adults.
[(c)] Tests were not performed because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[(d)] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, tests were performed because this was one of the eight pollutants mentioned at the end of Section 9.2.
[(e)] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a]

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Benz[*a*]anthracene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.386	0.022*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.001**	0.002**	<0.001**	<0.001**	0.338	0.074	<0.001**
Benzo[*b*]fluoranthene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	<0.001**	0.001**	<0.001**	<0.001**	0.544	0.029*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.001**	0.001**	<0.001**	<0.001**	0.466	0.085	<0.001**
Benzo[*k*]fluoranthene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.371	0.024*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.002**	0.001**	<0.001**	<0.001**	0.328	0.074	<0.001**
Benzo[*ghi*]perylene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.510	0.037*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.002**	0.001**	<0.001**	<0.001**	0.441	0.105	<0.001**
Benzo[*a*]pyrene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	<0.001**	<0.001**	<0.001**	0.390	0.032*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.002**	0.001**	0.001**	<0.001**	0.344	0.096	<0.001**
Benzo[*e*]pyrene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.488	0.033*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.002**	0.001**	<0.001**	<0.001**	0.420	0.096	<0.001**
Benzylbutylphthalate							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)	0.281	0.718	0.008**				
Potential Exposure via Indirect Ingestion (ng/day)	0.174	0.861	<0.001**	<0.001**	0.915	0.039*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.294	0.894	0.023*				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.190	0.917	0.001**	<0.001**	0.950	0.088	0.001**
Bisphenol-A							
Potential Exposure via Inhalation (ng/day)	0.814	0.048*	0.064	1.000	0.721	0.858	0.148
Potential Exposure via Dietary Ingestion (ng/day)	0.601	0.522	0.068				
Potential Exposure via Indirect Ingestion (ng/day)	0.876	0.068	0.747	<0.001**	0.668	0.049*	0.014*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.843	0.109	0.153	<0.001**	0.824	0.618	0.307
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.532	0.483	0.134				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.907	0.097	0.977	<0.001**	0.526	0.217	0.042*
Aggregated Potential Exposure (ng/day)	0.241	0.312	0.066				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.213	0.346	0.155				
***alpha*-Chlordane**							
Potential Exposure via Inhalation (ng/day)	0.929	0.142	0.393	1.000	0.822	0.046*	0.661
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.370	0.987	0.873	<0.001**	0.628	0.005**	0.004**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.978	0.172	0.263	<0.001**	0.965	0.889	0.998
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.386	0.957	0.950	<0.001**	0.526	0.044*	0.030*
***gamma*-Chlordane**							
Potential Exposure via Inhalation (ng/day)	0.831	0.178	0.442	1.000	0.871	0.044*	0.265
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.462	0.892	0.780	<0.001**	0.632	0.009**	0.002**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.880	0.210	0.302	<0.001**	0.947	0.865	0.661

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.483	0.865	0.948	<0.001**	0.528	0.063	0.019*
Chlorpyrifos							
Potential Exposure via Inhalation (ng/day)	0.213	0.372	0.177	1.000	0.165	0.177	0.101
Potential Exposure via Dietary Ingestion (ng/day)	0.796	0.002**	0.911				
Potential Exposure via Indirect Ingestion (ng/day)	0.438	0.421	0.006**	<0.001**	0.924	0.174	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.230	0.543	0.215	<0.001**	0.236	0.468	0.087
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.828	0.001**	0.674				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.452	0.376	0.014*	<0.001**	0.895	0.303	<0.001**
Aggregated Potential Exposure (ng/day)	0.911	0.033*	0.433				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.789	0.034*	0.753				
Chrysene							
Potential Exposure via Inhalation (ng/day)[e]	0.163	0.321	0.069	1.000	0.552	0.282	0.004**
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.449	0.029*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[e]	0.149	0.566	0.092	<0.001**	0.388	0.205	0.064
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.001**	0.001**	<0.001**	<0.001**	0.384	0.086	<0.001**
Cyfluthrin							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.034*	0.402	0.135	<0.001**	0.189	0.174	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.041*	0.438	0.207	<0.001**	0.186	0.351	0.001**
Diazinon							
Potential Exposure via Inhalation (ng/day)	0.250	0.128	0.018*	0.730	0.168	0.088	0.011*
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.265	0.200	0.003**				
Potential Exposure via Indirect Ingestion (ng/day)	0.443	0.514	0.009**	<0.001**	0.218	0.411	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.267	0.130	0.035*	<0.001**	0.124	0.764	0.018*
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[d]	0.257	0.192	0.033*				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.440	0.500	0.015*	<0.001**	0.182	0.501	0.001**
Aggregated Potential Exposure (ng/day)	0.591	0.277	0.015*				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.629	0.223	0.043*				
Dibenzo[*a*,*h*]anthracene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.435	0.035*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[c]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.001**	0.002**	<0.001**	<0.001**	0.384	0.104	<0.001**
Di-*n*-butylphthalate							
Potential Exposure via Inhalation (ng/day)	0.018*	0.634	0.012*	1.000	0.192	0.143	0.012*
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.890	0.615	0.008**				
Potential Exposure via Indirect Ingestion (ng/day)	0.348	0.193	0.002**	<0.001**	0.837	0.006**	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.016*	0.773	0.039*	<0.001**	0.119	0.631	0.063

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[d]	0.875	0.425	0.031*				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.434	0.206	0.005**	<0.001**	0.609	0.053	<0.001**
Aggregated Potential Exposure (ng/day)	0.818	0.476	0.009**				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.841	0.382	0.039*				
***p,p'*-DDE**							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	1.000	0.597	0.466	0.044*
Potential Exposure via Dietary Ingestion (ng/day)	0.872	0.433	0.125				
Potential Exposure via Indirect Ingestion (ng/day)[e]	0.826	0.754	0.665	<0.001**	0.114	0.022*	0.003**
Potential Absorbed Dose via Inhalation (ng/kg/day)[c]	--	--	--	<0.001**	0.920	0.669	0.074
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.888	0.410	0.225				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[e]	0.828	0.736	0.824	<0.001**	0.060	0.066	0.007**
2,4-D (2,4-dichlorophenoxyacetic acid)							
Potential Exposure via Inhalation (ng/day)[d]	0.156	0.434	0.874	0.963	0.950	0.015*	0.001**
Potential Exposure via Dietary Ingestion (ng/day)[d]	0.327	0.999	0.200	0.527	0.423	0.592	0.001**
Potential Exposure via Indirect Ingestion (ng/day)	0.044*	<0.001**	0.114	<0.001**	0.967	0.986	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[d]	0.134	0.234	0.701	<0.001**	0.751	0.221	0.002**
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[d]	0.346	0.925	0.297	<0.001**	0.508	0.641	0.001**
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.042*	<0.001**	0.159	<0.001**	0.954	0.701	0.006**
Aggregated Potential Exposure (ng/day)	0.285	0.476	0.504	0.404	0.644	0.928	0.006**
Aggregated Potential Absorbed Dose (ng/kg/day)	0.303	0.374	0.656	<0.001**	0.725	0.943	0.008**
Indeno[1,2,3-*cd*]pyrene							
Potential Exposure via Inhalation (ng/day)[c]	--	--	--	--	--	--	--
Potential Exposure via Dietary Ingestion (ng/day)[c]	--	--	--				

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[(a)] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[(b)]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)	0.001**	0.001**	<0.001**	<0.001**	0.536	0.035*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[(c)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.002**	0.001**	<0.001**	<0.001**	0.463	0.096	<0.001**
Pentachlorophenol							
Potential Exposure via Inhalation (ng/day)	0.196	0.717	0.279	1.000	0.984	0.641	0.266
Potential Exposure via Dietary Ingestion (ng/day)[(c)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion (ng/day)	0.364	0.430	0.296	<0.001**	0.682	0.180	0.049*
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.183	0.642	0.226	<0.001**	0.976	0.776	0.399
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(c)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.399	0.520	0.448	<0.001**	0.518	0.378	0.113
***cis*-Permethrin**							
Potential Exposure via Inhalation (ng/day)[(d)]	0.643	0.288	0.103	1.000	0.966	0.545	0.050
Potential Exposure via Dietary Ingestion (ng/day)[(d)]	0.680	0.860	0.005**				
Potential Exposure via Indirect Ingestion (ng/day)	0.076	0.661	0.039*	<0.001**	0.155	0.048*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[(d)]	0.675	0.384	0.243	<0.001**	0.818	0.772	0.165
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[(d)]	0.695	0.830	0.008**				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.082	0.760	0.071	<0.001**	0.121	0.144	<0.001**
Aggregated Potential Exposure (ng/day)	0.955	0.406	0.013*				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.945	0.355	0.021*				
***trans*-Permethrin**							
Potential Exposure via Inhalation (ng/day)[(d)]	0.826	0.400	0.086	1.000	0.908	0.360	0.074
Potential Exposure via Dietary Ingestion (ng/day)[(d)]	0.690	0.891	0.007**				

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)	0.141	0.858	0.125	<0.001**	0.338	0.010*	<0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)[d]	0.845	0.482	0.212	<0.001**	0.780	0.824	0.187
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)[d]	0.705	0.861	0.010*				
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.147	0.741	0.186	<0.001**	0.271	0.078	0.001**
Aggregated Potential Exposure (ng/day)	0.796	0.852	0.135				
Aggregated Potential Absorbed Dose (ng/kg/day)	0.759	0.697	0.244				
PCB 52							
Potential Exposure via Inhalation (ng/day)	0.126	0.685	0.211	1.000	0.851	0.036*	0.076
Potential Exposure via Dietary Ingestion (ng/day)							
Potential Exposure via Indirect Ingestion (ng/day)	0.487	0.351	0.108	<0.001**	0.394	0.551	0.001**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.127	0.650	0.291	<0.001**	0.960	0.991	0.246
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.493	0.415	0.198	<0.001**	0.262	0.802	0.003**
PCB 95							
Potential Exposure via Inhalation (ng/day)	0.419	0.848	0.140	1.000	0.931	0.528	0.033*
Potential Exposure via Dietary Ingestion (ng/day)							
Potential Exposure via Indirect Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.431	0.790	0.209	<0.001**	0.835	0.755	0.096
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--
PCB 101							
Potential Exposure via Inhalation (ng/day)	0.209	0.452	0.032*	1.000	0.739	0.832	0.027*
Potential Exposure via Dietary Ingestion (ng/day)							

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Table R-4. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Exposure and Absorbed Dose Estimates, and 2) the Difference in Estimates Between OH Children and Adults in the Same Household[a] (cont.)

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[b]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
Potential Exposure via Indirect Ingestion (ng/day)[c]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.213	0.421	0.057	<0.001**	0.975	0.483	0.085
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)							
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)[c]	--	--	--	--	--	--	--
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Potential Exposure via Inhalation (ng/day)	0.240	0.016*	0.958	1.000	0.678	0.302	0.043*
Potential Exposure via Dietary Ingestion (ng/day)	0.521	0.476	0.522	0.617	0.704	0.580	<0.001**
Potential Exposure via Indirect Ingestion (ng/day)	0.198	0.777	0.047*	<0.001**	0.191	0.113	0.006**
Potential Absorbed Dose via Inhalation (ng/kg/day)	0.278	0.016*	0.806	<0.001**	0.794	0.157	0.296
Potential Absorbed Dose via Dietary Ingestion (ng/kg/day)	0.519	0.452	0.737	<0.001**	0.642	0.603	<0.001**
Potential Absorbed Dose via Indirect Ingestion (ng/kg/day)	0.223	0.879	0.085	<0.001**	0.139	0.270	0.017*
Aggregated Potential Exposure (ng/day)	0.245	0.631	0.397	0.498	0.493	0.854	<0.001**
Aggregated Potential Absorbed Dose (ng/kg/day)	0.218	0.684	0.600	<0.001**	0.402	0.691	<0.001**

[a] Blank cells in this table indicate that insufficient data were available in this study to make the statistical comparison specified in the column heading for the given pollutant and exposure route.
[b] Tests for statistical significance of the child-adult differences are one-sided tests to determine whether estimates for children are significantly higher than for adults.
[c] Tests were not performed because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[d] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, tests were performed because this was one of the eight pollutants mentioned at the end of Section 9.2.
[e] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.

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Table R-5. Estimated Ratio Between Selected Strata of Geometric Mean Urinary Biomarker Concentration Data in Participating NC Children, and 95% Confidence Intervals on This Ratio

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
2,4-D (2,4-dichlorophenoxyacetic acid)			
Urinary concentration (ng/mL)	1.41 (0.92,2.16)	1.23 (0.90,1.69)	1.28 (0.94,1.75)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.41 (0.92,2.16)	1.23 (0.90,1.69)	1.28 (0.94,1.75)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.21 (0.77,1.92)	1.29 (0.93,1.79)	1.10 (0.76,1.60)
Pentachlorophenol			
Urinary concentration (ng/mL)	1.20 (0.75,1.92)	1.25 (0.90,1.75)	0.96 (0.65,1.43)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.19 (0.74,1.91)	1.25 (0.90,1.75)	0.96 (0.65,1.43)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.19 (0.72,1.96)	1.22 (0.86,1.73)	0.85 (0.56,1.27)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)			
Urinary concentration (ng/mL)	0.99 (0.60,1.62)	0.90 (0.66,1.24)	1.08 (0.70,1.69)
Urinary concentration, adjusted for specific gravity (ng/mL)	0.98 (0.60,1.61)	0.90 (0.66,1.24)	1.09 (0.70,1.69)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.02 (0.63,1.64)	0.97 (0.73,1.29)	0.91 (0.60,1.39)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-6. Estimated Ratio Between Selected Strata of Geometric Mean Urinary Biomarker Concentration Data in Participating OH Children, and 95% Confidence Intervals on This Ratio

Exposure/Dose/Biomarker Parameter and Pathway	Estimated Ratio of Geometric Means (95% CI)		
	Urban vs. Rural	Low Income vs. Mid/High Income	Day Care vs. Home Children
2,4-D (2,4-dichlorophenoxyacetic acid)			
Urinary concentration (ng/mL)	0.75 (0.45,1.25)	1.36 (0.96,1.93)	0.65* (0.46,0.92)
Urinary concentration, adjusted for specific gravity (ng/mL)	0.75 (0.45,1.25)	1.36 (0.95,1.93)	0.65* (0.46,0.93)
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.64 (0.40,1.02)	1.34 (0.97,1.87)	0.68* (0.49,0.96)
1-hydroxypyrene			
Urinary concentration (ng/mL)	0.84 (0.55,1.30)	1.22 (0.92,1.63)	0.85 (0.62,1.18)
Urinary concentration, adjusted for specific gravity (ng/mL)	0.84 (0.55,1.30)	1.21 (0.91,1.61)	0.86 (0.62,1.19)
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.81 (0.54,1.22)	1.12 (0.85,1.49)	0.89 (0.65,1.21)
Pentachlorophenol			
Urinary concentration (ng/mL)	0.69 (0.42,1.15)	1.01 (0.72,1.43)	0.77 (0.53,1.12)
Urinary concentration, adjusted for specific gravity (ng/mL)	0.69 (0.42,1.15)	1.01 (0.72,1.43)	0.77 (0.53,1.12)
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.67 (0.40,1.11)	0.95 (0.69,1.31)	0.80 (0.54,1.20)
3-phenoxybenzoic acid			
Urinary concentration (ng/mL)	1.19 (0.62,2.30)	1.16 (0.75,1.78)	0.98 (0.60,1.61)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.18 (0.61,2.28)	1.21 (0.78,1.87)	0.95 (0.58,1.55)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.15 (0.53,2.48)	1.05 (0.62,1.76)	0.99 (0.56,1.76)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)			
Urinary concentration (ng/mL)	1.19 (0.78,1.82)	1.13 (0.85,1.52)	0.84 (0.62,1.14)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.20 (0.79,1.82)	1.13 (0.84,1.51)	0.85 (0.63,1.14)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.11 (0.73,1.68)	1.04 (0.78,1.40)	0.82 (0.61,1.11)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-7. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) NC Children's Urinary Biomarker Concentrations, and 2) the Difference in Concentrations Between NC Children and Adults in the Same Household

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[a]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
2,4-D (2,4-dichlorophenoxyacetic acid)							
Urinary concentration (ng/mL)	0.109	0.187	0.108	0.771	0.492	0.148	0.109
Urinary concentration, adjusted for specific gravity (ng/mL)	0.113	0.188	0.108	0.762	0.501	0.148	0.108
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.395	0.127	0.582	<0.001**	0.578	0.091	0.054
Pentachlorophenol							
Urinary concentration (ng/mL)	0.442	0.178	0.846	<0.001**	0.762	0.069	0.832
Urinary concentration, adjusted for specific gravity (ng/mL)	0.450	0.179	0.848	<0.001**	0.744	0.068	0.822
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.496	0.266	0.404	<0.001**	0.447	0.014*	0.422
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Urinary concentration (ng/mL)	0.953	0.517	0.712	0.017*	0.523	0.538	0.524
Urinary concentration, adjusted for specific gravity (ng/mL)	0.946	0.520	0.710	0.015*	0.510	0.536	0.517
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.942	0.828	0.667	<0.001**	0.569	0.352	0.230

[a] Tests for statistical significance of the child-adult differences are one-sided tests to determine whether estimates for children are significantly higher than for adults.

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.

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Table R-8. P-values of Statistical Tests to Determine the Significance of Urbanicity, Income Status, and Day Care Attendance on 1) OH Children's Urinary Biomarker Concentrations, and 2) the Difference in Concentrations Between OH Children and Adults in the Same Household

Exposure/Dose/Biomarker Parameter and Pathway	Analysis on Child Measures			Analysis on Differences Between Child and Adult Measures in Same Household			
	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect	Child vs. Adult Difference[a]	Urbanicity Effect	Income Status Effect	Day Care Attendance Effect
2,4-D (2,4-dichlorophenoxyacetic acid)							
Urinary concentration (ng/mL)	0.267	0.087	0.017*	0.013*	0.699	0.320	0.028*
Urinary concentration, adjusted for specific gravity (ng/mL)	0.265	0.088	0.018*	0.013*	0.706	0.321	0.029*
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.059	0.078	0.028*	<0.001**	0.379	0.131	0.127
1-hydroxypyrene							
Urinary concentration (ng/mL)	0.425	0.172	0.323	0.109	0.721	0.974	0.937
Urinary concentration, adjusted for specific gravity (ng/mL)	0.429	0.190	0.353	0.105	0.700	0.947	0.991
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.309	0.424	0.442	<0.001**	0.952	0.784	0.441
Pentachlorophenol							
Urinary concentration (ng/mL)	0.156	0.936	0.165	<0.001**	0.550	0.789	0.006**
Urinary concentration, adjusted for specific gravity (ng/mL)	0.154	0.941	0.167	<0.001**	0.558	0.790	0.006**
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.120	0.748	0.283	<0.001**	0.512	0.976	0.213
3-phenoxybenzoic acid							
Urinary concentration (ng/mL)	0.600	0.497	0.941	0.292	0.689	0.401	0.164
Urinary concentration, adjusted for specific gravity (ng/mL)	0.625	0.392	0.831	0.298	0.681	0.311	0.121
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.720	0.865	0.968	<0.001**	0.545	0.318	0.747
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Urinary concentration (ng/mL)	0.403	0.394	0.243	0.001**	0.256	0.557	0.937
Urinary concentration, adjusted for specific gravity (ng/mL)	0.395	0.426	0.263	0.001**	0.266	0.568	0.905
Urinary concentration, adjusted for creatinine (µmoles/mole)	0.624	0.780	0.197	<0.001**	0.156	0.464	0.315

[a] Tests for statistical significance of the child-adult differences are one-sided tests to determine whether estimates for children are significantly higher than for adults.

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Benz[*a*]anthracene							
Potential Exposure via Inhalation	0.76 (0.7,0.81)**	0.74 (0.69,0.79)**	0.77 (0.68,0.87)**	0.71 (0.65,0.77)**	0.81 (0.74,0.88)**	0.85 (0.76,0.95)**	0.67 (0.63,0.72)**
Potential Exposure via Indirect Ingestion	2.18 (1.74,2.72)**	2.14 (1.76,2.59)**	2.22 (1.50,3.29)**	2.15 (1.64,2.81)**	2.20 (1.67,2.91)**	2.64 (1.90,3.68)**	1.80 (1.42,2.27)**
Potential Absorbed Dose via Inhalation	3.32 (2.97,3.70)**	3.36 (3.06,3.69)**	3.27 (2.70,3.97)**	3.19 (2.80,3.64)**	3.45 (3.01,3.95)**	3.66 (3.12,4.3)**	3.00 (2.68,3.37)**
Potential Absorbed Dose via Indirect Ingestion	9.44 (7.41,12.02)**	9.53 (7.73,11.74)**	9.35 (6.09,14.36)**	9.62 (7.18,12.90)**	9.26 (6.84,12.54)**	11.17 (7.83,15.92)**	7.98 (6.16,10.33)**
Benzo[*b*]fluoranthene							
Potential Exposure via Inhalation	0.70 (0.65,0.76)**	0.71 (0.67,0.76)**	0.69 (0.61,0.79)**	0.68 (0.62,0.74)**	0.73 (0.67,0.8)**	0.75 (0.67,0.85)**	0.66 (0.61,0.71)**
Potential Exposure via Indirect Ingestion	2.10 (1.7,2.58)**	2.10 (1.75,2.51)**	2.09 (1.44,3.04)**	2.18 (1.69,2.82)**	2.01 (1.55,2.62)**	2.44 (1.8,3.31)**	1.80 (1.44,2.26)**
Potential Absorbed Dose via Inhalation	3.08 (2.77,3.43)**	3.25 (2.97,3.56)**	2.92 (2.43,3.52)**	3.06 (2.70,3.48)**	3.10 (2.72,3.53)**	3.25 (2.77,3.81)**	2.92 (2.62,3.26)**
Potential Absorbed Dose via Indirect Ingestion	9.11 (7.25,11.44)**	9.37 (7.70,11.39)**	8.85 (5.89,13.31)**	9.79 (7.41,12.94)**	8.47 (6.35,11.31)**	10.36 (7.47,14.38)**	8.00 (6.23,10.28)**
Benzo[*k*]fluoranthene							
Potential Exposure via Inhalation	0.71 (0.68,0.75)**	0.71 (0.68,0.74)**	0.72 (0.66,0.77)**	0.69 (0.66,0.73)**	0.74 (0.7,0.78)**	0.76 (0.71,0.82)**	0.67 (0.64,0.7)**
Potential Exposure via Indirect Ingestion	2.11 (1.7,2.62)**	2.11 (1.75,2.54)**	2.12 (1.45,3.11)**	2.16 (1.66,2.81)**	2.07 (1.58,2.71)**	2.49 (1.81,3.41)**	1.80 (1.43,2.26)**
Potential Absorbed Dose via Inhalation	3.14 (2.89,3.42)**	3.25 (3.03,3.49)**	3.04 (2.61,3.54)**	3.14 (2.84,3.48)**	3.14 (2.82,3.49)**	3.3 (2.93,3.71)**	2.99 (2.73,3.29)**
Potential Absorbed Dose via Indirect Ingestion	9.16 (7.25,11.57)**	9.40 (7.69,11.49)**	8.93 (5.89,13.56)**	9.69 (7.29,12.89)**	8.66 (6.45,11.63)**	10.51 (7.49,14.74)**	7.99 (6.19,10.3)**
Benzo[*ghi*]perylene							
Potential Exposure via Inhalation	0.68 (0.65,0.72)**	0.68 (0.65,0.71)**	0.68 (0.62,0.74)**	0.67 (0.63,0.71)**	0.69 (0.65,0.73)**	0.69 (0.64,0.75)**	0.67 (0.64,0.71)**
Potential Exposure via Indirect Ingestion	2.14 (1.73,2.64)**	2.11 (1.76,2.54)**	2.16 (1.48,3.15)**	2.20 (1.70,2.85)**	2.07 (1.59,2.71)**	2.53 (1.85,3.44)**	1.81 (1.44,2.27)**
Potential Absorbed Dose via Inhalation	3.00 (2.74,3.28)**	3.11 (2.88,3.36)**	2.89 (2.46,3.39)**	3.07 (2.75,3.43)**	2.93 (2.61,3.27)**	2.99 (2.62,3.40)**	3.01 (2.73,3.32)**
Potential Absorbed Dose via Indirect Ingestion	9.28 (7.37,11.68)**	9.43 (7.74,11.50)**	9.12 (6.05,13.77)**	9.87 (7.45,13.08)**	8.72 (6.51,11.66)**	10.71 (7.67,14.94)**	8.04 (6.25,10.33)**
Benzo[*a*]pyrene							
Potential Exposure via Inhalation	0.71 (0.67,0.75)**	0.71 (0.67,0.74)**	0.72 (0.65,0.78)**	0.69 (0.65,0.73)**	0.73 (0.69,0.78)**	0.75 (0.69,0.82)**	0.67 (0.64,0.71)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Exposure via Indirect Ingestion	2.16 (1.74,2.68)**	2.09 (1.74,2.52)**	2.22 (1.52,3.25)**	2.17 (1.67,2.82)**	2.14 (1.63,2.8)**	2.56 (1.86,3.52)**	1.82 (1.45,2.28)**
Potential Absorbed Dose via Inhalation	3.12 (2.85,3.42)**	3.23 (2.98,3.49)**	3.02 (2.57,3.55)**	3.13 (2.81,3.49)**	3.11 (2.78,3.48)**	3.25 (2.85,3.72)**	2.99 (2.72,3.30)**
Potential Absorbed Dose via Indirect Ingestion	9.35 (7.40,11.82)**	9.34 (7.63,11.42)**	9.36 (6.18,14.19)**	9.73 (7.32,12.93)**	8.99 (6.70,12.06)**	10.83 (7.70,15.23)**	8.08 (6.28,10.39)**
Benzo[*e*]pyrene							
Potential Exposure via Inhalation	0.72 (0.69,0.76)**	0.72 (0.69,0.76)**	0.72 (0.66,0.79)**	0.70 (0.66,0.74)**	0.75 (0.7,0.8)**	0.78 (0.72,0.85)**	0.67 (0.64,0.70)**
Potential Exposure via Indirect Ingestion	2.13 (1.72,2.64)**	2.11 (1.75,2.54)**	2.15 (1.47,3.15)**	2.18 (1.68,2.82)**	2.09 (1.60,2.73)**	2.52 (1.84,3.45)**	1.80 (1.43,2.27)**
Potential Absorbed Dose via Inhalation	3.18 (2.90,3.48)**	3.29 (3.04,3.55)**	3.07 (2.61,3.60)**	3.17 (2.84,3.53)**	3.18 (2.84,3.56)**	3.38 (2.97,3.85)**	2.98 (2.71,3.29)**
Potential Absorbed Dose via Indirect Ingestion	9.25 (7.32,11.68)**	9.41 (7.70,11.50)**	9.09 (5.99,13.78)**	9.75 (7.34,12.96)**	8.77 (6.53,11.77)**	10.68 (7.61,14.98)**	8.01 (6.22,10.32)**
Benzylbutylphthalate							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	2.39** (1.92,2.96)	2.22** (1.88,2.62)	2.57** (1.72,3.82)	2.60** (1.99,3.41)	2.19** (1.68,2.85)	2.91** (2.16,3.93)	1.95** (1.55,2.47)
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	10.50** (8.37,13.17)	9.99** (8.40,11.88)	11.04** (7.27,16.76)	11.89** (8.95,15.79)	9.27** (7.04,12.22)	12.51** (9.14,17.10)	8.82** (6.89,11.28)
Bisphenol-A							
Potential Exposure via Inhalation	0.68** (0.63,0.74)	0.69** (0.64,0.74)	0.67** (0.59,0.78)	0.67** (0.61,0.74)	0.69** (0.63,0.77)	0.69** (0.61,0.78)	0.67** (0.62,0.73)
Potential Exposure via Indirect Ingestion [b]	1.87** (1.56,2.25)	1.69** (1.44,1.98)	2.07** (1.50,2.87)	1.86** (1.48,2.35)	1.88** (1.50,2.35)	1.84** (1.41,2.41)	1.90** (1.56,2.31)
Potential Absorbed Dose via Inhalation	3.00** (2.67,3.36)	3.14** (2.84,3.46)	2.86** (2.34,3.51)	3.01** (2.62,3.45)	2.98** (2.59,3.44)	2.99** (2.52,3.55)	3.00** (2.66,3.38)
Potential Absorbed Dose via Indirect Ingestion [b]	8.30** (6.72,10.25)	7.59** (6.31,9.13)	9.07** (6.20,13.27)	8.58** (6.54,11.25)	8.02** (6.16,10.45)	7.98** (5.91,10.77)	8.63** (6.80,10.96)
***alpha*-Chlordane**							
Potential Exposure via Inhalation	0.79 (0.7,0.89)**	0.72 (0.65,0.8)**	0.86 (0.70,1.05)	0.76 (0.66,0.87)**	0.82 (0.71,0.94)**	0.88 (0.73,1.06)	0.7 (0.63,0.79)**
Potential Exposure via Indirect Ingestion	3.21 (2.37,4.34)**	2.36 (1.82,3.06)**	4.36 (2.56,7.43)**	3.09 (2.15,4.44)**	3.33 (2.29,4.84)**	4.74 (3.02,7.45)**	2.17 (1.58,2.96)**
Potential Absorbed Dose via Inhalation	3.48 (3.02,4.02)**	3.28 (2.9,3.72)**	3.70 (2.88,4.75)**	3.47 (2.93,4.12)**	3.49 (2.93,4.16)**	3.83 (3.09,4.76)**	3.16 (2.73,3.66)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Absorbed Dose via Indirect Ingestion	14.02 (10.17,19.4)**	10.52 (7.98,13.87)**	18.7 (10.62,32.9)**	13.78 (9.36,20.28)**	14.28 (9.59,21.24)**	20.26 (12.57,32.7)**	9.71 (6.95,13.55)**
***gamma*-Chlordane**							
Potential Exposure via Inhalation	0.81 (0.71,0.93)**	0.74 (0.65,0.83)**	0.90 (0.71,1.14)	0.78 (0.67,0.92)**	0.85 (0.72,1.00)*	0.93 (0.75,1.15)	0.71 (0.62,0.81)**
Potential Exposure via Indirect Ingestion	3.3 (2.44,4.46)**	2.39 (1.84,3.09)**	4.57 (2.68,7.79)**	3.23 (2.24,4.66)**	3.38 (2.32,4.92)**	4.91 (3.15,7.65)**	2.22 (1.62,3.06)**
Potential Absorbed Dose via Inhalation	3.59 (3.06,4.22)**	3.33 (2.89,3.83)**	3.88 (2.94,5.12)**	3.57 (2.95,4.31)**	3.62 (2.98,4.4)**	4.05 (3.17,5.17)**	3.19 (2.71,3.75)**
Potential Absorbed Dose via Indirect Ingestion	14.49 (10.54,19.9)**	10.73 (8.16,14.10)**	19.56 (11.14,34.3)**	14.6 (9.92,21.49)**	14.38 (9.67,21.37)**	20.89 (13.11,33.3)**	10.05 (7.17,14.08)**
Chlorpyrifos							
Potential Exposure via Inhalation	0.70 (0.65,0.76)**	0.66 (0.61,0.70)**	0.76 (0.66,0.87)**	0.68 (0.62,0.74)**	0.73 (0.66,0.80)**	0.71 (0.64,0.80)**	0.70 (0.64,0.75)**
Potential Exposure via Indirect Ingestion	2.01 (1.62,2.50)**	1.93 (1.60,2.31)**	2.10 (1.42,3.10)**	2.19 (1.68,2.86)**	1.85 (1.40,2.42)**	2.14 (1.57,2.92)**	1.89 (1.49,2.40)**
Potential Absorbed Dose via Inhalation	3.12 (2.79,3.48)**	2.97 (2.70,3.27)**	3.27 (2.68,3.98)**	3.11 (2.72,3.56)**	3.12 (2.71,3.58)**	3.09 (2.64,3.63)**	3.14 (2.78,3.54)**
Potential Absorbed Dose via Indirect Ingestion	8.82 (6.95,11.19)**	8.69 (7.12,10.6)**	8.95 (5.82,13.78)**	9.89 (7.37,13.28)**	7.86 (5.82,10.61)**	9.22 (6.59,12.9)**	8.44 (6.46,11.03)**
Chrysene							
Potential Exposure via Inhalation	0.72 (0.67,0.78)**	0.73 (0.68,0.78)**	0.72 (0.63,0.81)**	0.68 (0.63,0.74)**	0.77 (0.7,0.83)**	0.79 (0.7,0.89)**	0.66 (0.62,0.71)**
Potential Exposure via Indirect Ingestion	2.12 (1.70,2.66)**	2.10 (1.73,2.55)**	2.15 (1.45,3.18)**	2.08 (1.59,2.72)**	2.17 (1.64,2.87)**	2.54 (1.83,3.52)**	1.78 (1.41,2.25)**
Potential Absorbed Dose via Inhalation	3.14 (2.82,3.51)**	3.31 (3.01,3.63)**	2.99 (2.46,3.63)**	3.06 (2.68,3.49)**	3.23 (2.82,3.7)**	3.37 (2.86,3.96)**	2.93 (2.61,3.29)**
Potential Absorbed Dose via Indirect Ingestion	9.2 (7.23,11.71)**	9.37 (7.61,11.53)**	9.04 (5.89,13.87)**	9.31 (6.94,12.47)**	9.10 (6.72,12.32)**	10.71 (7.53,15.23)**	7.90 (6.10,10.24)**
Cyfluthrin							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion [c]	2.10 (1.60,2.77)**	2.16 (1.70,2.74)**	2.05 (1.27,3.29)**	2.49 (1.80,3.45)**	1.78 (1.27,2.49)**	2.37 (1.57,3.59)**	1.87 (1.41,2.46)**
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion [c]	9.25 (6.91,12.38)**	9.70 (7.52,12.5)**	8.82 (5.33,14.62)**	10.96 (7.77,15.47)**	7.80 (5.44,11.19)**	10.3 (6.60,16.06)**	8.31 (6.19,11.15)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Diazinon							
Potential Exposure via Inhalation	0.77 (0.66,0.9)**	0.79 (0.69,0.91)**	0.75 (0.58,0.98)*	0.80 (0.67,0.96)*	0.74 (0.62,0.89)**	0.88 (0.69,1.13)	0.67 (0.58,0.78)**
Potential Exposure via Indirect Ingestion	2.75 (1.99,3.81)**	2.61 (1.97,3.47)**	2.90 (1.66,5.07)**	3.02 (2.06,4.42)**	2.51 (1.69,3.74)**	4.01 (2.43,6.62)**	1.89 (1.37,2.61)**
Potential Absorbed Dose via Inhalation	3.38 (2.83,4.04)**	3.59 (3.07,4.20)**	3.18 (2.35,4.31)**	3.62 (2.95,4.45)**	3.15 (2.56,3.90)**	3.81 (2.89,5.02)**	3.00 (2.53,3.57)**
Potential Absorbed Dose via Indirect Ingestion	12.08 (8.61,16.97)**	11.81 (8.78,15.87)**	12.37 (6.90,22.17)**	13.50 (9.06,20.1)**	10.82 (7.14,16.4)**	17.33 (10.29,29.2)**	8.42 (6.01,11.8)**
Dibenzo[*a*,*h*]anthracene							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	2.15 (1.73,2.66)**	2.16 (1.79,2.6)**	2.14 (1.46,3.13)**	2.22 (1.71,2.89)**	2.07 (1.58,2.72)**	2.59 (1.89,3.55)**	1.78 (1.41,2.24)**
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	9.32 (7.36,11.79)**	9.62 (7.86,11.77)**	9.03 (5.93,13.73)**	9.95 (7.47,13.25)**	8.73 (6.49,11.74)**	10.98 (7.81,15.43)**	7.91 (6.13,10.20)**
Di-*n*-butylphthalate							
Potential Exposure via Inhalation	0.76** (0.70,0.82)	0.77** (0.72,0.82)	0.76** (0.66,0.86)	0.73** (0.67,0.79)	0.79** (0.73,0.87)	0.88* (0.78,0.99)	0.66** (0.61,0.71)
Potential Exposure via Indirect Ingestion	2.32** (1.90,2.85)	2.20** (1.85,2.62)	2.45** (1.70,3.54)	2.51** (1.95,3.23)	2.15** (1.66,2.78)	2.78** (2.09,3.70)	1.94** (1.54,2.44)
Potential Absorbed Dose via Inhalation	3.32** (2.98,3.70)	3.49** (3.17,3.83)	3.16** (2.62,3.83)	3.27** (2.88,3.72)	3.37** (2.95,3.85)	3.76** (3.20,4.43)	2.93** (2.62,3.28)
Potential Absorbed Dose via Indirect Ingestion	10.17** (8.19,12.64)	9.91** (8.24,11.92)	10.45** (7.04,15.49)	11.51** (8.77,15.09)	9.00** (6.81,11.88)	11.84** (8.77,15.98)	8.74** (6.80,11.24)
***p,p'*-DDE**							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
2,4-D (2,4-dichlorophenoxyacetic acid)							
Potential Exposure via Inhalation [c]	0.87 (0.75,1.00)*	0.90 (0.80,1.02)	0.83 (0.65,1.07)	0.86 (0.72,1.02)	0.88 (0.73,1.05)	1.14 (0.93,1.40)	0.66 (0.56,0.77)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Exposure via Dietary Ingestion	1.03 (0.69,1.53)	1.11 (0.81,1.51)	0.95 (0.46,1.99)	1.26 (0.79,2.00)	0.84 (0.50,1.41)	1.46 (0.84,2.54)	0.73 (0.47,1.12)
Potential Exposure via Indirect Ingestion	2.12 (1.71,2.63)**	2.19 (1.83,2.63)**	2.05 (1.38,3.03)**	2.53 (1.94,3.3)**	1.78 (1.35,2.34)**	2.39 (1.77,3.23)**	1.87 (1.47,2.39)**
Potential Absorbed Dose via Inhalation [c]	3.82 (3.25,4.48)**	4.09 (3.57,4.7)**	3.56 (2.68,4.74)**	3.87 (3.19,4.7)**	3.77 (3.08,4.60)**	4.95 (3.92,6.25)**	2.95 (2.48,3.51)**
Potential Absorbed Dose via Dietary Ingestion	4.49 (3.00,6.72)**	4.95 (3.61,6.77)**	4.08 (1.94,8.6)**	5.56 (3.47,8.91)**	3.63 (2.15,6.13)**	6.30 (3.58,11.09)**	3.20 (2.07,4.96)**
Potential Absorbed Dose via Indirect Ingestion	9.32 (7.30,11.90)**	9.88 (8.04,12.14)**	8.8 (5.65,13.71)**	11.35 (8.39,15.35)**	7.66 (5.6,10.47)**	10.35 (7.35,14.58)**	8.40 (6.38,11.05)**
Aggregated Potential Exposure	1.09 (0.77,1.53)	1.05 (0.79,1.38)	1.14 (0.60,2.14)	1.20 (0.80,1.78)	0.99 (0.62,1.59)	1.50 (0.93,2.41)	0.79 (0.54,1.16)
Aggregated Potential Absorbed Dose	4.71 (3.34,6.65)**	4.60 (3.49,6.07)**	4.82 (2.55,9.14)**	5.21 (3.48,7.79)**	4.26 (2.66,6.83)**	6.31 (3.9,10.2)**	3.52 (2.4,5.16)**
Heptachlor							
Potential Exposure via Inhalation	0.85 (0.74,0.98)*	0.75 (0.67,0.85)**	0.97 (0.77,1.22)	0.81 (0.69,0.95)*	0.90 (0.76,1.05)	1.01 (0.82,1.25)	0.72 (0.63,0.82)**
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.79 (3.22,4.46)**	3.39 (2.94,3.91)**	4.22 (3.18,5.61)**	3.72 (3.07,4.51)**	3.85 (3.16,4.7)**	4.41 (3.44,5.65)**	3.25 (2.75,3.84)**
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
Indeno[1,2,3-*cd*]pyrene							
Potential Exposure via Inhalation	0.69 (0.66,0.73)**	0.69 (0.66,0.72)**	0.69 (0.63,0.76)**	0.68 (0.64,0.72)**	0.70 (0.66,0.75)**	0.71 (0.66,0.77)**	0.67 (0.64,0.71)**
Potential Exposure via Indirect Ingestion	2.18 (1.75,2.71)**	2.14 (1.77,2.58)**	2.22 (1.51,3.27)**	2.21 (1.70,2.88)**	2.15 (1.64,2.83)**	2.63 (1.91,3.62)**	1.81 (1.43,2.28)**
Potential Absorbed Dose via Inhalation	3.04 (2.78,3.33)**	3.14 (2.91,3.39)**	2.95 (2.51,3.46)**	3.1 (2.78,3.45)**	2.99 (2.68,3.35)**	3.09 (2.71,3.52)**	3.00 (2.72,3.31)**
Potential Absorbed Dose via Indirect Ingestion	9.46 (7.47,11.97)**	9.55 (7.80,11.70)**	9.37 (6.16,14.26)**	9.91 (7.43,13.2)**	9.03 (6.71,12.16)**	11.13 (7.91,15.67)**	8.04 (6.23,10.38)**
Pentachlorophenol							
Potential Exposure via Inhalation	0.83 (0.74,0.93)**	0.73 (0.66,0.81)**	0.94 (0.77,1.16)	0.77 (0.67,0.88)**	0.90 (0.78,1.04)	0.95 (0.79,1.15)	0.72 (0.64,0.81)**
Potential Exposure via Dietary Ingestion [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	2.13 (1.69,2.69)**	2.04 (1.67,2.49)**	2.23 (1.46,3.39)**	2.37 (1.77,3.17)**	1.92 (1.43,2.58)**	2.36 (1.71,3.25)**	1.93 (1.48,2.51)**
Potential Absorbed Dose via Inhalation	3.66 (3.17,4.22)**	3.3 (2.91,3.74)**	4.05 (3.16,5.2)**	3.45 (2.92,4.09)**	3.87 (3.25,4.61)**	4.14 (3.33,5.16)**	3.22 (2.79,3.73)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	9.38 (7.35,11.97)**	9.21 (7.48,11.34)**	9.55 (6.13,14.87)**	10.77 (7.93,14.62)**	8.17 (5.99,11.16)**	10.17 (7.26,14.25)**	8.65 (6.53,11.46)**
***cis*-Permethrin**							
Potential Exposure via Inhalation	0.72 (0.65,0.80)**	0.66 (0.61,0.72)**	0.79 (0.66,0.95)*	0.72 (0.63,0.82)**	0.73 (0.64,0.83)**	0.73 (0.63,0.86)**	0.72 (0.64,0.80)**
Potential Exposure via Indirect Ingestion	2.20 (1.73,2.80)**	2.02 (1.64,2.48)**	2.39 (1.56,3.67)**	2.28 (1.7,3.06)**	2.11 (1.56,2.86)**	2.51 (1.77,3.56)**	1.92 (1.48,2.49)**
Potential Absorbed Dose via Inhalation	3.20 (2.79,3.67)**	3.00 (2.67,3.37)**	3.41 (2.68,4.35)**	3.26 (2.76,3.84)**	3.14 (2.65,3.72)**	3.19 (2.61,3.89)**	3.21 (2.77,3.71)**
Potential Absorbed Dose via Indirect Ingestion	9.58 (7.36,12.47)**	9.01 (7.2,11.27)**	10.19 (6.35,16.34)**	10.21 (7.39,14.11)**	8.99 (6.45,12.53)**	10.68 (7.32,15.58)**	8.60 (6.44,11.47)**
***trans*-Permethrin**							
Potential Exposure via Inhalation	0.76 (0.69,0.84)**	0.69 (0.63,0.75)**	0.84 (0.70,1.00)	0.73 (0.65,0.83)**	0.79 (0.69,0.89)**	0.81 (0.70,0.94)**	0.71 (0.64,0.79)**
Potential Exposure via Indirect Ingestion	2.33 (1.78,3.05)**	2.16 (1.72,2.72)**	2.52 (1.56,4.06)**	2.29 (1.65,3.18)**	2.37 (1.70,3.32)**	2.90 (1.96,4.29)**	1.88 (1.41,2.50)**
Potential Absorbed Dose via Inhalation	3.35 (2.93,3.82)**	3.11 (2.77,3.48)**	3.61 (2.85,4.57)**	3.31 (2.81,3.88)**	3.39 (2.87,4.00)**	3.51 (2.90,4.25)**	3.20 (2.77,3.69)**
Potential Absorbed Dose via Indirect Ingestion	10.15 (7.61,13.53)**	9.63 (7.54,12.31)**	10.69 (6.39,17.87)**	10.24 (7.21,14.55)**	10.05 (7.00,14.43)**	12.26 (8.09,18.60)**	8.39 (6.15,11.45)**
PCB 52							
Potential Exposure via Inhalation	0.72 (0.65,0.79)**	0.72 (0.66,0.79)**	0.72 (0.6,0.85)**	0.70 (0.62,0.79)**	0.74 (0.65,0.83)**	0.77 (0.67,0.90)**	0.67 (0.6,0.74)**
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.16 (2.78,3.58)**	3.27 (2.94,3.65)**	3.04 (2.43,3.80)**	3.17 (2.72,3.68)**	3.14 (2.69,3.68)**	3.34 (2.79,4.02)**	2.98 (2.6,3.41)**
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
PCB 95							
Potential Exposure via Inhalation	0.71 (0.66,0.77)**	0.72 (0.67,0.77)**	0.71 (0.61,0.81)**	0.71 (0.64,0.78)**	0.72 (0.65,0.79)**	0.76 (0.67,0.86)**	0.67 (0.62,0.73)**
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.13 (2.81,3.49)**	3.27 (2.98,3.59)**	3.00 (2.47,3.64)**	3.19 (2.80,3.63)**	3.08 (2.69,3.52)**	3.28 (2.80,3.85)**	2.99 (2.66,3.35)**

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Table R-9. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
PCB 101							
Potential Exposure via Inhalation	0.75 (0.68,0.83)**	0.76 (0.7,0.83)**	0.74 (0.63,0.88)**	0.75 (0.67,0.84)**	0.75 (0.67,0.85)**	0.85 (0.73,0.99)*	0.67 (0.61,0.73)**
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.30 (2.92,3.74)**	3.45 (3.1,3.85)**	3.16 (2.54,3.92)**	3.37 (2.91,3.91)**	3.24 (2.78,3.77)**	3.67 (3.04,4.44)**	2.97 (2.62,3.37)**
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Potential Exposure via Inhalation	0.66 (0.61,0.71)**	0.65 (0.6,0.69)**	0.68 (0.59,0.77)**	0.64 (0.58,0.70)**	0.69 (0.63,0.75)**	0.65 (0.58,0.73)**	0.68 (0.63,0.73)**
Potential Exposure via Dietary Ingestion	1.16 (0.81,1.66)	1.17 (0.87,1.58)	1.15 (0.61,2.18)	1.18 (0.78,1.80)	1.14 (0.74,1.78)	1.79 (1.05,3.04)*	0.76 (0.52,1.10)
Potential Exposure via Indirect Ingestion	1.83 (1.51,2.2)**	1.71 (1.46,2.01)**	1.95 (1.38,2.74)**	1.94 (1.53,2.45)**	1.72 (1.35,2.19)**	1.74 (1.34,2.28)**	1.91 (1.55,2.36)**
Potential Absorbed Dose via Inhalation	2.92 (2.61,3.26)**	2.94 (2.67,3.23)**	2.90 (2.38,3.52)**	2.91 (2.55,3.33)**	2.92 (2.55,3.35)**	2.81 (2.4,3.3)**	3.03 (2.69,3.41)**
Potential Absorbed Dose via Dietary Ingestion	5.12 (3.48,7.52)**	5.30 (3.82,7.36)**	4.94 (2.52,9.66)**	5.27 (3.37,8.24)**	4.97 (3.12,7.92)**	7.77 (4.35,13.9)**	3.37 (2.28,4.97)**
Potential Absorbed Dose via Indirect Ingestion	7.99 (6.46,9.88)**	7.65 (6.39,9.15)**	8.34 (5.66,12.3)**	8.70 (6.67,11.34)**	7.34 (5.59,9.63)**	7.44 (5.52,10.03)**	8.57 (6.73,10.92)**
Aggregated Potential Exposure	1.13 (0.79,1.61)	1.10 (0.80,1.52)	1.16 (0.62,2.14)	1.10 (0.71,1.69)	1.16 (0.75,1.81)	1.65 (0.95,2.86)	0.77 (0.54,1.10)
Aggregated Potential Absorbed Dose	4.93 (3.34,7.25)**	4.96 (3.51,7.03)**	4.89 (2.54,9.39)**	4.88 (3.07,7.74)**	4.97 (3.11,7.94)**	7.03 (3.82,12.90)**	3.45 (2.38,5.00)**

[a] Results are not presented because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[b] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, results are presented because this was one of the eight pollutants mentioned at the end of Section 9.2.
[c] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-10. Estimated Mean Ratio Between NC Children and Adults in the Same Household of Urinary Biomarker Concentrations, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
2,4-D (2,4-dichlorophenoxyacetic acid)							
Urinary concentration (ng/mL)	0.91 (0.70,1.18)	0.99 (0.81,1.22)	0.83 (0.52,1.33)	1.05 (0.76,1.44)	0.78 (0.56,1.09)	1.07 (0.77,1.48)	0.77 (0.56,1.06)
Urinary concentration, adjusted for specific gravity (ng/mL)	0.91 (0.70,1.18)	1.00 (0.81,1.23)	0.83 (0.52,1.34)	1.05 (0.77,1.45)	0.79 (0.56,1.10)	1.07 (0.77,1.49)	0.77 (0.56,1.07)
Urinary concentration, adjusted for creatinine (µmoles/mole)	1.79** (1.32,2.43)	1.95** (1.53,2.49)	1.64 (0.93,2.89)	2.19** (1.49,3.21)	1.46 (1.00,2.15)	2.24** (1.51,3.33)	1.43 (0.99,2.07)
Pentachlorophenol							
Urinary concentration (ng/mL)	1.36** (1.15,1.60)	1.33** (1.16,1.51)	1.40* (1.03,1.89)	1.53** (1.25,1.87)	1.21 (0.98,1.50)	1.38** (1.12,1.70)	1.34** (1.09,1.65)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.37** (1.16,1.61)	1.33** (1.16,1.52)	1.40* (1.04,1.90)	1.53** (1.25,1.88)	1.21 (0.98,1.50)	1.38** (1.12,1.71)	1.35** (1.10,1.65)
Urinary concentration, adjusted for creatinine (µmoles/mole)	2.87** (2.40,3.43)	2.67** (2.32,3.08)	3.07** (2.21,4.28)	3.40** (2.72,4.25)	2.42** (1.93,3.03)	3.03** (2.41,3.80)	2.71** (2.17,3.39)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Urinary concentration (ng/mL)	1.29* (1.02,1.63)	1.20 (0.99,1.45)	1.39 (0.90,2.14)	1.36* (1.02,1.82)	1.22 (0.91,1.65)	1.36 (0.98,1.91)	1.22 (0.94,1.59)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.30* (1.03,1.64)	1.20 (0.99,1.46)	1.40 (0.91,2.15)	1.37* (1.03,1.82)	1.23 (0.91,1.65)	1.37 (0.98,1.91)	1.23 (0.94,1.59)
Urinary concentration, adjusted for creatinine (µmoles/mole)	2.57** (2.03,3.24)	2.40** (1.98,2.92)	2.74** (1.80,4.18)	2.78** (2.09,3.69)	2.37** (1.78,3.16)	2.86** (2.04,4.01)	2.30** (1.79,2.97)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Benz[*a*]anthracene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.92** (1.48,2.49)	1.72** (1.43,2.07)	2.14** (1.33,3.43)	1.55* (1.08,2.22)	2.37** (1.81,3.12)	2.92** (2.10,4.05)	1.26 (0.93,1.71)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.23** (6.12,11.08)	7.17** (5.81,8.85)	9.45** (5.49,16.26)	6.80** (4.52,10.25)	9.97** (7.30,13.60)	12.33** (8.52,17.85)	5.50** (3.87,7.81)
Benzo[*b*]fluoranthene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.90** (1.46,2.47)	1.76** (1.46,2.12)	2.05** (1.28,3.30)	1.55* (1.08,2.22)	2.33** (1.77,3.07)	2.94** (2.11,4.09)	1.23 (0.91,1.67)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.16** (6.06,10.99)	7.35** (5.96,9.08)	9.06** (5.27,15.59)	6.80** (4.51,10.23)	9.80** (7.18,13.38)	12.43** (8.58,18.01)	5.36** (3.78,7.61)
Benzo[*k*]fluoranthene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.97** (1.51,2.57)	1.75** (1.45,2.12)	2.21** (1.36,3.58)	1.59* (1.10,2.29)	2.44** (1.84,3.23)	3.08** (2.20,4.31)	1.26 (0.92,1.71)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.44** (6.24,11.41)	7.32** (5.90,9.07)	9.73** (5.61,16.88)	6.95** (4.59,10.54)	10.24** (7.46,14.04)	12.99** (8.91,18.95)	5.48** (3.84,7.82)
Benzo[*ghi*]perylene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.94** (1.49,2.52)	1.78** (1.48,2.15)	2.11** (1.30,3.40)	1.59* (1.11,2.28)	2.36** (1.79,3.10)	3.01** (2.17,4.19)	1.24 (0.91,1.69)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.31** (6.16,11.21)	7.43** (6.01,9.18)	9.29** (5.38,16.06)	6.98** (4.61,10.55)	9.89** (7.23,13.54)	12.73** (8.77,18.46)	5.42** (3.81,7.73)
Benzo[*a*]pyrene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Exposure via Indirect Ingestion	1.91** (1.47,2.48)	1.71** (1.42,2.06)	2.13** (1.32,3.43)	1.56* (1.09,2.24)	2.33** (1.77,3.07)	2.88** (2.07,4.00)	1.27 (0.93,1.72)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.20** (6.08,11.05)	7.15** (5.78,8.83)	9.40** (5.44,16.22)	6.85** (4.54,10.35)	9.80** (7.17,13.40)	12.15** (8.37,17.63)	5.53** (3.89,7.87)
Benzo[*e*]pyrene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.91** (1.47,2.47)	1.75** (1.46,2.10)	2.08** (1.30,3.32)	1.57* (1.10,2.23)	2.32** (1.77,3.04)	2.92** (2.11,4.04)	1.25 (0.92,1.68)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.19** (6.10,10.99)	7.30** (5.92,8.99)	9.18** (5.37,15.71)	6.87** (4.58,10.30)	9.76** (7.17,13.28)	12.33** (8.54,17.80)	5.43** (3.84,7.69)
Benzylbutylphthalate							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.69** (1.28,2.22)	1.71** (1.40,2.09)	1.67* (1.02,2.72)	1.39 (0.97,2.01)	2.05** (1.54,2.73)	2.51** (1.75,3.61)	1.13 (0.83,1.54)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	7.21** (5.31,9.79)	7.14** (5.72,8.92)	7.27** (4.19,12.63)	6.01** (3.97,9.10)	8.64** (6.27,11.90)	10.59** (7.13,15.74)	4.90** (3.46,6.95)
Bisphenol-A							
Potential Exposure via Inhalation	0.72** (0.67,0.78)	0.71** (0.67,0.75)	0.73** (0.64,0.84)	0.72** (0.65,0.80)	0.72** (0.66,0.78)	0.75** (0.68,0.84)	0.69** (0.64,0.75)
Potential Exposure via Indirect Ingestion	1.46** (1.22,1.74)	1.41** (1.23,1.61)	1.51* (1.10,2.08)	1.28 (1.00,1.65)	1.66** (1.38,2.00)	1.71** (1.36,2.14)	1.25* (1.02,1.53)
Potential Absorbed Dose via Inhalation	3.04** (2.71,3.42)	3.01** (2.76,3.28)	3.08** (2.49,3.81)	2.98** (2.54,3.50)	3.11** (2.74,3.52)	3.18** (2.72,3.71)	2.92** (2.55,3.34)
Potential Absorbed Dose via Indirect Ingestion	6.29** (5.10,7.77)	5.91** (5.06,6.91)	6.70** (4.60,9.77)	5.71** (4.23,7.72)	6.93** (5.60,8.59)	7.31** (5.64,9.46)	5.42** (4.22,6.96)
***alpha*-Chlordane**							
Potential Exposure via Inhalation	0.69** (0.64,0.73)	0.69** (0.66,0.72)	0.68** (0.61,0.76)	0.71** (0.66,0.77)	0.66** (0.62,0.70)	0.68** (0.62,0.74)	0.69** (0.65,0.74)
Potential Exposure via Indirect Ingestion	1.46** (1.22,1.75)	1.40** (1.23,1.59)	1.53* (1.09,2.13)	1.21 (0.94,1.56)	1.77** (1.46,2.14)	1.76** (1.41,2.19)	1.22 (0.98,1.52)
Potential Absorbed Dose via Inhalation	2.87** (2.61,3.16)	2.86** (2.68,3.06)	2.88** (2.40,3.44)	2.88** (2.53,3.29)	2.86** (2.58,3.16)	2.87** (2.55,3.23)	2.87** (2.56,3.22)

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Absorbed Dose via Indirect Ingestion	6.26** (5.04,7.78)	5.85** (5.03,6.81)	6.69** (4.49,9.96)	5.34** (3.94,7.23)	7.34** (5.86,9.20)	7.36** (5.67,9.56)	5.32** (4.09,6.92)
***gamma*-Chlordane**							
Potential Exposure via Inhalation	0.68** (0.64,0.72)	0.68** (0.65,0.71)	0.67** (0.61,0.75)	0.70** (0.65,0.75)	0.65** (0.61,0.69)	0.66** (0.61,0.72)	0.69** (0.65,0.74)
Potential Exposure via Indirect Ingestion	1.49** (1.23,1.79)	1.42** (1.25,1.62)	1.55* (1.10,2.19)	1.24 (0.96,1.61)	1.78** (1.47,2.16)	1.82** (1.45,2.27)	1.22 (0.97,1.53)
Potential Absorbed Dose via Inhalation	2.83** (2.57,3.12)	2.82** (2.65,3.01)	2.84** (2.38,3.39)	2.85** (2.50,3.25)	2.82** (2.55,3.11)	2.79** (2.49,3.14)	2.87** (2.57,3.22)
Potential Absorbed Dose via Indirect Ingestion	6.37** (5.11,7.93)	5.95** (5.11,6.94)	6.81** (4.55,10.19)	5.48** (4.03,7.46)	7.39** (5.88,9.29)	7.61** (5.84,9.91)	5.33** (4.08,6.96)
Chlorpyrifos							
Potential Exposure via Inhalation	0.72** (0.64,0.81)	0.78** (0.71,0.85)	0.67** (0.54,0.82)	0.76** (0.65,0.89)	0.68** (0.60,0.77)	0.78** (0.66,0.91)	0.67** (0.58,0.76)
Potential Exposure via Indirect Ingestion	1.79** (1.39,2.29)	1.81** (1.51,2.17)	1.77* (1.13,2.77)	1.59** (1.14,2.23)	2.01** (1.55,2.61)	2.64** (1.91,3.64)	1.21 (0.91,1.61)
Potential Absorbed Dose via Inhalation	3.03** (2.62,3.51)	3.29** (2.96,3.67)	2.79** (2.15,3.63)	3.16** (2.58,3.86)	2.92** (2.49,3.41)	3.33** (2.76,4.03)	2.76** (2.32,3.28)
Potential Absorbed Dose via Indirect Ingestion	7.66** (5.82,10.06)	7.52** (6.20,9.14)	7.79** (4.74,12.81)	6.93** (4.76,10.08)	8.46** (6.35,11.26)	11.10** (7.87,15.66)	5.28** (3.84,7.26)
Chrysene							
Potential Exposure via Inhalation [c]	0.72** (0.67,0.76)	0.73** (0.70,0.76)	0.70** (0.63,0.78)	0.70** (0.65,0.76)	0.73** (0.69,0.78)	0.77** (0.71,0.83)	0.67** (0.63,0.72)
Potential Exposure via Indirect Ingestion	1.94** (1.49,2.52)	1.76** (1.46,2.13)	2.13** (1.32,3.44)	1.58* (1.10,2.27)	2.38** (1.81,3.14)	3.02** (2.16,4.20)	1.25 (0.92,1.70)
Potential Absorbed Dose via Inhalation [c]	2.90** (2.58,3.25)	3.04** (2.81,3.28)	2.76** (2.23,3.41)	2.74** (2.32,3.23)	3.06** (2.72,3.44)	3.12** (2.73,3.58)	2.68** (2.32,3.10)
Potential Absorbed Dose via Indirect Ingestion	8.33** (6.18,11.23)	7.34** (5.95,9.07)	9.44** (5.48,16.28)	6.93** (4.59,10.45)	10.01** (7.33,13.69)	12.75** (8.80,18.50)	5.44** (3.82,7.73)
Cyfluthrin							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.99** (1.54,2.57)	1.69** (1.41,2.03)	2.34** (1.47,3.72)	1.76** (1.24,2.50)	2.25** (1.72,2.94)	2.92** (2.11,4.04)	1.35* (1.01,1.82)
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.51** (6.36,11.38)	7.07** (5.74,8.71)	10.24** (6.04,17.35)	7.74** (5.20,11.51)	9.36** (6.90,12.69)	12.25** (8.47,17.73)	5.91** (4.22,8.27)

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Diazinon							
Potential Exposure via Inhalation	0.94 (0.77,1.15)	0.83* (0.71,0.97)	1.07 (0.75,1.51)	1.01 (0.81,1.27)	0.87 (0.71,1.07)	1.14 (0.85,1.51)	0.78* (0.64,0.95)
Potential Exposure via Indirect Ingestion	2.29** (1.62,3.22)	1.88** (1.45,2.45)	2.78** (1.52,5.07)	2.10** (1.36,3.25)	2.49** (1.74,3.55)	3.69** (2.28,5.96)	1.42 (0.99,2.04)
Potential Absorbed Dose via Inhalation	3.95** (3.16,4.93)	3.37** (2.85,3.99)	4.62** (3.13,6.83)	4.01** (3.08,5.22)	3.88** (3.08,4.89)	4.80** (3.50,6.59)	3.24** (2.59,4.06)
Potential Absorbed Dose via Indirect Ingestion	9.87** (6.77,14.38)	7.82** (5.87,10.41)	12.46** (6.42,24.17)	9.13** (5.63,14.81)	10.66** (7.20,15.79)	15.76** (9.36,26.56)	6.18** (4.14,9.22)
Dibenzo[*a,h*]anthracene							
Potential Exposure via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.96** (1.51,2.55)	1.78** (1.47,2.14)	2.16** (1.34,3.49)	1.61* (1.12,2.31)	2.39** (1.82,3.15)	3.04** (2.19,4.22)	1.27 (0.93,1.72)
Potential Absorbed Dose via Inhalation [(a)]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.41** (6.23,11.35)	7.41** (6.00,9.16)	9.54** (5.52,16.50)	7.06** (4.66,10.68)	10.02** (7.33,13.71)	12.82** (8.85,18.58)	5.52** (3.87,7.87)
Di-*n*-butylphthalate							
Potential Exposure via Inhalation	0.78** (0.72,0.86)	0.74** (0.70,0.79)	0.83* (0.71,0.97)	0.81** (0.73,0.91)	0.76** (0.69,0.83)	0.85* (0.75,0.97)	0.72** (0.66,0.79)
Potential Exposure via Indirect Ingestion	1.75** (1.43,2.15)	1.72** (1.48,1.99)	1.79** (1.24,2.57)	1.44** (1.10,1.89)	2.13** (1.72,2.64)	2.62** (2.01,3.41)	1.18 (0.94,1.48)
Potential Absorbed Dose via Inhalation	3.36** (2.96,3.81)	3.06** (2.80,3.35)	3.69** (2.94,4.63)	3.43** (2.91,4.03)	3.30** (2.89,3.77)	3.65** (3.09,4.32)	3.09** (2.70,3.55)
Potential Absorbed Dose via Indirect Ingestion	7.54** (5.94,9.57)	7.11** (5.98,8.45)	7.99** (5.18,12.33)	6.39** (4.61,8.85)	8.89** (6.90,11.45)	10.99** (8.08,14.96)	5.17** (3.92,6.81)
***p,p'*-DDE**							
Potential Exposure via Inhalation	0.73** (0.67,0.80)	0.74** (0.70,0.80)	0.71** (0.61,0.84)	0.74** (0.66,0.83)	0.72** (0.65,0.79)	0.78** (0.69,0.89)	0.68** (0.62,0.75)
Potential Exposure via Indirect Ingestion [(c)]	1.71** (1.38,2.12)	1.45** (1.25,1.69)	2.01** (1.37,2.97)	1.44* (1.07,1.92)	2.04** (1.63,2.55)	2.14** (1.64,2.81)	1.37* (1.07,1.75)
Potential Absorbed Dose via Inhalation	3.06** (2.71,3.46)	3.08** (2.83,3.35)	3.04** (2.44,3.79)	3.01** (2.57,3.53)	3.11** (2.74,3.54)	3.30** (2.81,3.87)	2.84** (2.48,3.25)
Potential Absorbed Dose via Indirect Ingestion [(c)]	7.48** (5.94,9.41)	6.05** (5.16,7.10)	9.23** (6.06,14.05)	6.41** (4.65,8.83)	8.72** (6.87,11.06)	9.26** (7.03,12.20)	6.03** (4.57,7.97)
2,4-D (2,4-dichlorophenoxyacetic acid)							
Potential Exposure via Inhalation [(b)]	0.87 (0.74,1.01)	0.87** (0.79,0.96)	0.86 (0.65,1.14)	0.96 (0.80,1.14)	0.79** (0.66,0.93)	1.04 (0.84,1.29)	0.72** (0.62,0.84)

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Exposure via Dietary Ingestion[b]	0.99 (0.64,1.51)	1.16 (0.85,1.57)	0.84 (0.39,1.82)	1.06 (0.61,1.84)	0.92 (0.58,1.44)	1.67 (0.94,2.97)	0.58* (0.36,0.92)
Potential Exposure via Indirect Ingestion	1.76** (1.36,2.29)	1.77** (1.49,2.11)	1.76* (1.09,2.83)	1.77** (1.24,2.52)	1.76** (1.35,2.30)	2.40** (1.77,3.26)	1.30 (0.95,1.77)
Potential Absorbed Dose via Inhalation[b]	3.78** (3.11,4.59)	3.67** (3.26,4.14)	3.89** (2.73,5.53)	4.02** (3.21,5.03)	3.55** (2.87,4.39)	4.62** (3.54,6.04)	3.09** (2.57,3.71)
Potential Absorbed Dose via Dietary Ingestion [b]	4.20** (2.69,6.56)	4.83** (3.52,6.63)	3.65** (1.63,8.17)	4.48** (2.52,7.96)	3.93** (2.45,6.30)	7.14** (3.94,12.93)	2.47** (1.51,4.02)
Potential Absorbed Dose via Indirect Ingestion	7.49** (5.53,10.13)	7.42** (6.04,9.12)	7.55** (4.32,13.19)	7.79** (5.16,11.78)	7.19** (5.24,9.86)	9.96** (6.90,14.38)	5.63** (3.93,8.06)
Aggregated Potential Exposure	1.07 (0.61,1.86)	1.20 (0.85,1.70)	0.95 (0.35,2.57)	1.08 (0.58,2.03)	1.06 (0.58,1.92)	1.76 (0.81,3.82)	0.65 (0.39,1.08)
Aggregated Potential Absorbed Dose	4.56** (2.54,8.19)	5.00** (3.46,7.23)	4.15** (1.45,11.86)	4.51** (2.32,8.76)	4.60** (2.45,8.64)	7.63** (3.36,17.33)	2.72** (1.59,4.67)
Indeno[1,2,3-*cd*]pyrene							
Potential Exposure via Inhalation [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.96** (1.50,2.57)	1.81** (1.49,2.20)	2.13** (1.30,3.49)	1.60* (1.10,2.32)	2.41** (1.81,3.20)	3.11** (2.21,4.38)	1.24 (0.90,1.70)
Potential Absorbed Dose via Inhalation [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	8.42** (6.19,11.45)	7.55** (6.07,9.38)	9.38** (5.35,16.45)	7.00** (4.58,10.70)	10.11** (7.33,13.95)	13.15** (8.97,19.27)	5.39** (3.74,7.75)
Pentachlorophenol							
Potential Exposure via Inhalation	0.64** (0.53,0.78)	0.64** (0.56,0.74)	0.64* (0.45,0.91)	0.66** (0.52,0.83)	0.62** (0.51,0.77)	0.59** (0.45,0.78)	0.69** (0.57,0.84)
Potential Exposure via Dietary Ingestion [a]	--	--	--	--	--	--	--
Potential Exposure via Indirect Ingestion	1.45** (1.20,1.76)	1.40** (1.22,1.60)	1.51* (1.06,2.15)	1.33* (1.03,1.72)	1.59** (1.30,1.94)	1.65** (1.30,2.11)	1.28* (1.02,1.60)
Potential Absorbed Dose via Inhalation	2.73** (2.22,3.36)	2.72** (2.36,3.14)	2.74** (1.88,3.98)	2.78** (2.15,3.59)	2.68** (2.14,3.36)	2.57** (1.94,3.41)	2.90** (2.34,3.59)
Potential Absorbed Dose via Dietary Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Indirect Ingestion	6.21** (5.02,7.69)	5.81** (5.03,6.71)	6.64** (4.48,9.84)	5.81** (4.33,7.80)	6.64** (5.32,8.28)	6.95** (5.40,8.95)	5.55** (4.28,7.18)
***cis*-Permethrin**							
Potential Exposure via Inhalation [b]	0.76** (0.69,0.84)	0.76** (0.70,0.82)	0.76** (0.64,0.91)	0.77** (0.68,0.87)	0.75** (0.67,0.84)	0.82* (0.71,0.95)	0.71** (0.64,0.78)

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Exposure via Indirect Ingestion	1.78** (1.46,2.17)	1.55** (1.35,1.78)	2.04** (1.42,2.94)	1.54** (1.17,2.03)	2.05** (1.66,2.53)	2.37** (1.85,3.03)	1.33* (1.05,1.69)
Potential Absorbed Dose via Inhalation [b]	3.19** (2.72,3.75)	3.14** (2.79,3.53)	3.25** (2.44,4.33)	3.15** (2.58,3.85)	3.24** (2.73,3.83)	3.46** (2.77,4.32)	2.95** (2.49,3.49)
Potential Absorbed Dose via Indirect Ingestion	7.61** (6.13,9.45)	6.46** (5.56,7.51)	8.96** (6.03,13.30)	6.79** (5.02,9.18)	8.53** (6.82,10.68)	9.94** (7.67,12.89)	5.82** (4.48,7.57)
***trans*-Permethrin**							
Potential Exposure via Inhalation [b]	0.76** (0.68,0.86)	0.76** (0.70,0.83)	0.77** (0.63,0.94)	0.78** (0.69,0.89)	0.75** (0.67,0.84)	0.82* (0.70,0.97)	0.71** (0.63,0.79)
Potential Exposure via Indirect Ingestion	1.71** (1.39,2.10)	1.55** (1.33,1.81)	1.88** (1.30,2.71)	1.39* (1.04,1.87)	2.09** (1.69,2.59)	2.33** (1.80,3.01)	1.25 (0.98,1.60)
Potential Absorbed Dose via Inhalation [b]	3.20** (2.71,3.79)	3.13** (2.77,3.55)	3.27** (2.43,4.41)	3.17** (2.58,3.90)	3.24** (2.72,3.86)	3.47** (2.75,4.38)	2.96** (2.48,3.52)
Potential Absorbed Dose via Indirect Ingestion	7.34** (5.81,9.28)	6.49** (5.45,7.74)	8.30** (5.46,12.64)	6.27** (4.48,8.78)	8.60** (6.75,10.95)	9.79** (7.30,13.11)	5.51** (4.16,7.30)
PCB 52							
Potential Exposure via Inhalation	0.72** (0.68,0.77)	0.73** (0.70,0.76)	0.72** (0.65,0.80)	0.75** (0.70,0.80)	0.70** (0.66,0.74)	0.75** (0.69,0.82)	0.70** (0.66,0.74)
Potential Exposure via Indirect Ingestion	1.81** (1.46,2.25)	1.66** (1.42,1.94)	1.98** (1.34,2.94)	1.73** (1.29,2.33)	1.90** (1.51,2.38)	2.36** (1.79,3.09)	1.40** (1.09,1.80)
Potential Absorbed Dose via Inhalation	3.01** (2.71,3.34)	3.00** (2.79,3.23)	3.01** (2.49,3.64)	3.01** (2.62,3.46)	3.01** (2.70,3.35)	3.13** (2.74,3.59)	2.88** (2.57,3.24)
Potential Absorbed Dose via Indirect Ingestion	7.85** (6.23,9.87)	6.92** (5.90,8.13)	8.89** (5.84,13.55)	7.68** (5.57,10.60)	8.01** (6.31,10.18)	10.02** (7.59,13.22)	6.15** (4.65,8.12)
PCB 95							
Potential Exposure via Inhalation	0.74** (0.68,0.81)	0.74** (0.70,0.79)	0.74** (0.63,0.87)	0.75** (0.67,0.84)	0.73** (0.66,0.80)	0.79** (0.70,0.90)	0.69** (0.63,0.76)
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.12** (2.74,3.55)	3.08** (2.81,3.38)	3.16** (2.50,3.98)	3.08** (2.61,3.63)	3.16** (2.76,3.62)	3.36** (2.83,4.00)	2.89** (2.51,3.33)
Potential Absorbed Dose via Indirect Ingestion [a]	--	--	--	--	--	--	--
PCB 101							
Potential Exposure via Inhalation	0.74** (0.66,0.83)	0.75** (0.69,0.82)	0.73** (0.60,0.88)	0.74** (0.64,0.84)	0.74** (0.66,0.84)	0.81** (0.69,0.94)	0.68** (0.60,0.76)
Potential Exposure via Indirect Ingestion [a]	--	--	--	--	--	--	--
Potential Absorbed Dose via Inhalation	3.12** (2.68,3.61)	3.11** (2.79,3.46)	3.12** (2.39,4.07)	3.02** (2.50,3.64)	3.21** (2.75,3.76)	3.41** (2.79,4.18)	2.84** (2.43,3.33)

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Table R-11. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Potential Exposure and Potential Absorbed Dose Estimates, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio (cont.)

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
Potential Absorbed Dose via Indirect Ingestion [(a)]	--	--	--	--	--	--	--
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Potential Exposure via Inhalation	0.74** (0.66,0.82)	0.75** (0.70,0.81)	0.72** (0.60,0.88)	0.76** (0.67,0.87)	0.72** (0.64,0.81)	0.80** (0.69,0.93)	0.69** (0.62,0.76)
Potential Exposure via Dietary Ingestion	0.94 (0.64,1.39)	0.88 (0.68,1.14)	1.01 (0.50,2.06)	0.88 (0.53,1.47)	1.02 (0.68,1.53)	1.77* (1.09,2.86)	0.51** (0.33,0.79)
Potential Exposure via Indirect Ingestion	1.65** (1.33,2.05)	1.44** (1.23,1.68)	1.89** (1.28,2.79)	1.46* (1.09,1.96)	1.86** (1.48,2.33)	2.04** (1.55,2.69)	1.33* (1.04,1.71)
Potential Absorbed Dose via Inhalation	3.17** (2.73,3.68)	3.11** (2.83,3.43)	3.23** (2.46,4.24)	3.37** (2.81,4.04)	2.99** (2.54,3.51)	3.34** (2.73,4.07)	3.02** (2.59,3.51)
Potential Absorbed Dose via Dietary Ingestion	4.02** (2.68,6.01)	3.67** (2.78,4.84)	4.40** (2.10,9.21)	3.75** (2.20,6.38)	4.31** (2.81,6.61)	7.49** (4.46,12.56)	2.16** (1.37,3.40)
Potential Absorbed Dose via Indirect Ingestion	7.04** (5.62,8.81)	5.98** (5.12,7.00)	8.27** (5.48,12.49)	6.43** (4.70,8.80)	7.70** (6.10,9.72)	8.47** (6.46,11.09)	5.85** (4.45,7.68)
Aggregated Potential Exposure	1.00 (0.65,1.55)	0.86 (0.66,1.14)	1.16 (0.51,2.64)	1.03 (0.59,1.79)	0.98 (0.60,1.58)	1.94* (1.11,3.42)	0.52** (0.32,0.82)
Aggregated Potential Absorbed Dose	4.28** (2.72,6.74)	3.56** (2.67,4.74)	5.15** (2.21,11.97)	4.53** (2.56,8.02)	4.04** (2.46,6.64)	8.03** (4.45,14.49)	2.28** (1.41,3.68)

[(a)] Results are not presented because, for each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected.
[(b)] For each environmental sample type whose measurements were used to calculate the potential exposure/absorbed dose, less than 45% of the measurements were detected. However, results are presented because this was one of the eight pollutants mentioned at the end of Section 9.2.
[(c)] The largest detection percentage among the environmental sample types whose measurements were used to calculate the potential exposure/absorbed dose was between 45 and 50%.

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table R-12. Estimated Mean Ratio Between OH Children and Adults in the Same Household of Urinary Biomarker Concentrations, Calculated Overall and by Stratum, and 95% Confidence Intervals on This Mean Ratio

Exposure/Dose/ Biomarker Parameter and Pathway	Estimated Mean Ratio (95% CI) in Preschool Children vs. Adults in the Same Household						
	Overall	Urban	Rural	Low Income	Mid/High Income	Day Care Children	Home Children
2,4-D (2,4-dichlorophenoxyacetic acid)							
Urinary concentration (ng/mL)	1.42* (1.04,1.94)	1.34** (1.09,1.65)	1.51 (0.85,2.68)	1.59* (1.04,2.42)	1.28 (0.92,1.77)	1.13 (0.78,1.64)	1.79** (1.24,2.60)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.43* (1.05,1.94)	1.35** (1.10,1.66)	1.51 (0.85,2.68)	1.59* (1.04,2.42)	1.28 (0.93,1.77)	1.14 (0.78,1.64)	1.79** (1.24,2.60)
Urinary concentration, adjusted for creatinine (µmoles/mole)	2.73** (2.00,3.71)	2.38** (1.94,2.94)	3.12** (1.76,5.52)	3.22** (2.12,4.88)	2.31** (1.66,3.21)	2.32** (1.59,3.38)	3.20** (2.22,4.62)
1-hydroxypyrene							
Urinary concentration (ng/mL)	1.18 (0.90,1.54)	1.23* (1.02,1.49)	1.13 (0.70,1.82)	1.18 (0.84,1.65)	1.18 (0.89,1.56)	1.17 (0.82,1.68)	1.19 (0.89,1.58)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.18 (0.91,1.54)	1.24* (1.02,1.50)	1.13 (0.70,1.82)	1.18 (0.84,1.65)	1.19 (0.90,1.57)	1.18 (0.82,1.69)	1.18 (0.89,1.58)
Urinary concentration, adjusted for creatinine (µmoles/mole)	2.15** (1.60,2.90)	2.17** (1.76,2.67)	2.13** (1.23,3.70)	2.21** (1.48,3.30)	2.09** (1.51,2.88)	2.32** (1.58,3.42)	1.99** (1.41,2.81)
Pentachlorophenol							
Urinary concentration (ng/mL)	1.65** (1.31,2.07)	1.54** (1.32,1.79)	1.76** (1.16,2.68)	1.61** (1.18,2.20)	1.68** (1.33,2.13)	1.33* (1.02,1.75)	2.03** (1.55,2.67)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.65** (1.32,2.07)	1.55** (1.33,1.80)	1.76** (1.16,2.67)	1.61** (1.19,2.20)	1.68** (1.33,2.13)	1.34* (1.02,1.75)	2.03** (1.55,2.67)
Urinary concentration, adjusted for creatinine (µmoles/mole)	3.08** (2.37,3.99)	2.83** (2.37,3.37)	3.35** (2.07,5.43)	3.09** (2.17,4.39)	3.07** (2.32,4.06)	2.75** (2.00,3.79)	3.44** (2.52,4.69)
3-phenoxybenzoic acid							
Urinary concentration (ng/mL)	1.11 (0.77,1.60)	1.03 (0.80,1.33)	1.19 (0.61,2.32)	1.23 (0.76,1.99)	1.00 (0.67,1.47)	0.93 (0.57,1.51)	1.31 (0.87,1.97)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.10 (0.76,1.59)	1.02 (0.80,1.32)	1.19 (0.60,2.33)	1.25 (0.77,2.03)	0.97 (0.66,1.44)	0.91 (0.57,1.46)	1.33 (0.88,2.02)
Urinary concentration, adjusted for creatinine (µmoles/mole)	2.15** (1.42,3.26)	1.90** (1.43,2.53)	2.44* (1.13,5.26)	2.50** (1.42,4.39)	1.86** (1.19,2.90)	2.06** (1.24,3.42)	2.25** (1.38,3.70)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)							
Urinary concentration (ng/mL)	1.66** (1.24,2.24)	1.41** (1.15,1.73)	1.96* (1.13,3.39)	1.77** (1.19,2.62)	1.57** (1.14,2.15)	1.68* (1.15,2.45)	1.65** (1.18,2.31)
Urinary concentration, adjusted for specific gravity (ng/mL)	1.67** (1.24,2.24)	1.42** (1.16,1.74)	1.96* (1.13,3.38)	1.77** (1.19,2.62)	1.57** (1.14,2.16)	1.69** (1.15,2.46)	1.65** (1.17,2.31)
Urinary concentration, adjusted for creatinine (µmoles/mole)	3.08** (2.32,4.09)	2.53** (2.09,3.05)	3.76** (2.22,6.38)	3.31** (2.27,4.83)	2.87** (2.11,3.90)	3.39** (2.38,4.83)	2.80** (2.01,3.89)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Appendix S

Detailed Results of Statistical Analysis to Investigate the Apportioning of Aggregated Potential Exposure Level and Aggregated Potential Absorbed Dose Estimates for the Study Participants Across Exposure Routes

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Table S-1. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating NC Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
Bisphenol-A				
Dietary Ingestion	0.99 (0.98,0.99)	Low Income Children	0.99 (0.98,0.99)	0.762
		Middle/Upper Income Children	0.99 (0.98,0.99)	
		Urban Children	0.99 (0.98,0.99)	0.349
		Rural Children	0.99 (0.98,1.00)	
		Non-Daycare Children	0.98 (0.96,0.99)	<0.001**
		Daycare Children	0.99 (0.99,1.00)	
Inhalation	0.01 (0.01,0.02)	Low Income Children	0.01 (0.01,0.02)	0.798
		Middle/Upper Income Children	0.01 (0.00,0.02)	
		Urban Children	0.01 (0.01,0.02)	0.376
		Rural Children	0.01 (0.00,0.02)	
		Non-Daycare Children	0.02 (0.01,0.04)	<0.001**
		Daycare Children	0.01 (0.00,0.01)	
Indirect Ingestion	0.00 (0.00,0.00)	Low Income Children	0.00 (0.00,0.00)	--
		Middle/Upper Income Children	0.00 (0.00,0.00)	
		Urban Children	0.00 (0.00,0.00)	--
		Rural Children	0.00 (0.00,0.00)	
		Non-Daycare Children	0.00 (0.00,0.00)	--
		Daycare Children	0.00 (0.00,0.00)	
Chlorpyrifos				
Dietary Ingestion	0.54 (0.49,0.59)	Low Income Children	0.55 (0.48,0.61)	0.755
		Middle/Upper Income Children	0.53 (0.46,0.60)	
		Urban Children	0.56 (0.50,0.61)	0.496
		Rural Children	0.52 (0.44,0.60)	
		Non-Day Care Children	0.57 (0.50,0.64)	0.303
		Day Care Children	0.51 (0.44,0.59)	
Inhalation	0.39 (0.34,0.45)	Low Income Children	0.39 (0.32,0.46)	0.847
		Middle/Upper Income Children	0.40 (0.33,0.47)	
		Urban Children	0.39 (0.34,0.45)	0.981
		Rural Children	0.39 (0.30,0.49)	
		Non-Day Care Children	0.37 (0.31,0.44)	0.357
		Day Care Children	0.42 (0.34,0.50)	
Indirect Ingestion	0.06 (0.04,0.10)	Low Income Children	0.05 (0.03,0.08)	0.097
		Middle/Upper Income Children	0.08 (0.05,0.13)	
		Urban Children	0.05 (0.04,0.07)	0.273
		Rural Children	0.08 (0.04,0.18)	
		Non-Day Care Children	0.06 (0.04,0.09)	0.463
		Day Care Children	0.07 (0.04,0.12)	

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Table S-1. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating NC Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
Diazinon				
Dietary Ingestion	0.55 (0.48,0.62)	Low Income Children	0.50 (0.43,0.57)	0.058
		Middle/Upper Income Children	0.60 (0.50,0.69)	
		Urban Children	0.55 (0.48,0.62)	0.987
		Rural Children	0.55 (0.43,0.66)	
		Non-Day Care Children	0.55 (0.48,0.62)	0.983
		Day Care Children	0.55 (0.43,0.67)	
Inhalation	0.40 (0.34,0.46)	Low Income Children	0.46 (0.40,0.53)	0.008**
		Middle/Upper Income Children	0.34 (0.27,0.43)	
		Urban Children	0.41 (0.35,0.47)	0.701
		Rural Children	0.39 (0.30,0.49)	
		Non-Day Care Children	0.41 (0.35,0.48)	0.673
		Day Care Children	0.39 (0.30,0.49)	
Indirect Ingestion	0.05 (0.03,0.08)	Low Income Children	0.04 (0.02,0.07)	0.049*
		Middle/Upper Income Children	0.06 (0.04,0.09)	
		Urban Children	0.04 (0.02,0.07)	0.381
		Rural Children	0.06 (0.03,0.11)	
		Non-Day Care Children	0.03 (0.02,0.05)	0.206
		Day Care Children	0.06 (0.03,0.15)	
Di-*n*-butylphthalate				
Dietary Ingestion	0.93 (0.91,0.94)	Low Income Children	0.92 (0.90,0.94)	0.561
		Middle/Upper Income Children	0.93 (0.91,0.95)	
		Urban Children	0.91 (0.88,0.93)	0.014*
		Rural Children	0.94 (0.93,0.96)	
		Non-Daycare Children	0.93 (0.91,0.94)	0.842
		Daycare Children	0.93 (0.90,0.95)	
Inhalation	0.06 (0.05,0.07)	Low Income Children	0.07 (0.05,0.09)	0.297
		Middle/Upper Income Children	0.05 (0.04,0.07)	
		Urban Children	0.08 (0.06,0.10)	0.010*
		Rural Children	0.05 (0.03,0.06)	
		Non-Daycare Children	0.06 (0.05,0.07)	0.892
		Daycare Children	0.06 (0.04,0.09)	
Indirect Ingestion	0.01 (0.01,0.01)	Low Income Children	0.01 (0.01,0.01)	0.301
		Middle/Upper Income Children	0.01 (0.01,0.02)	
		Urban Children	0.01 (0.01,0.02)	0.470
		Rural Children	0.01 (0.01,0.02)	
		Non-Daycare Children	0.01 (0.01,0.02)	0.079
		Daycare Children	0.01 (0.01,0.01)	

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Table S-1. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating NC Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
2,4-D (2,4-dichlorophenoxyacetic acid)				
Dietary Ingestion	0.95 (0.93,0.96)	Low Income Children	0.95 (0.93,0.97)	0.412
		Middle/Upper Income Children	0.94 (0.91,0.96)	
		Urban Children	0.92 (0.90,0.94)	0.038*
		Rural Children	0.96 (0.93,0.98)	
		Non-Day Care Children	0.94 (0.92,0.96)	0.629
		Day Care Children	0.95 (0.92,0.97)	
Inhalation	0.03 (0.02,0.04)	Low Income Children	0.03 (0.02,0.05)	0.422
		Middle/Upper Income Children	0.03 (0.01,0.05)	
		Urban Children	0.04 (0.03,0.06)	0.021*
		Rural Children	0.02 (0.01,0.04)	
		Non-Day Care Children	0.03 (0.02,0.04)	0.850
		Day Care Children	0.03 (0.02,0.06)	
Indirect Ingestion	0.02 (0.01,0.03)	Low Income Children	0.01 (0.00,0.02)	0.009**
		Middle/Upper Income Children	0.03 (0.01,0.07)	
		Urban Children	0.02 (0.01,0.04)	0.383
		Rural Children	0.01 (0.00,0.04)	
		Non-Day Care Children	0.02 (0.01,0.04)	0.191
		Day Care Children	0.01 (0.01,0.03)	
***cis*-Permethrin**				
Dietary Ingestion	0.55 (0.47,0.63)	Low Income Children	0.53 (0.42,0.63)	0.542
		Middle/Upper Income Children	0.57 (0.47,0.67)	
		Urban Children	0.60 (0.51,0.70)	0.102
		Rural Children	0.49 (0.38,0.60)	
		Non-Day Care Children	0.50 (0.42,0.59)	0.309
		Day Care Children	0.59 (0.45,0.72)	
Inhalation	0.05 (0.03,0.07)	Low Income Children	0.07 (0.04,0.11)	0.020*
		Middle/Upper Income Children	0.03 (0.02,0.05)	
		Urban Children	0.03 (0.02,0.05)	0.065
		Rural Children	0.07 (0.03,0.13)	
		Non-Day Care Children	0.06 (0.04,0.11)	0.065
		Day Care Children	0.04 (0.03,0.05)	
Indirect Ingestion	0.39 (0.31,0.47)	Low Income Children	0.39 (0.30,0.50)	0.920
		Middle/Upper Income Children	0.39 (0.29,0.49)	
		Urban Children	0.36 (0.27,0.46)	0.401
		Rural Children	0.42 (0.31,0.54)	
		Non-Day Care Children	0.42 (0.34,0.51)	0.452
		Day Care Children	0.36 (0.24,0.50)	

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Table S-1. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating NC Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
***trans*-Permethrin**				
Dietary Ingestion	0.57 (0.50,0.65)	Low Income Children	0.57 (0.46,0.67)	0.870
		Middle/Upper Income Children	0.58 (0.48,0.67)	
		Urban Children	0.61 (0.51,0.70)	0.241
		Rural Children	0.53 (0.43,0.63)	
		Non-Day Care Children	0.54 (0.45,0.61)	0.390
		Day Care Children	0.61 (0.47,0.73)	
Inhalation	0.04 (0.03,0.06)	Low Income Children	0.07 (0.04,0.11)	0.004**
		Middle/Upper Income Children	0.03 (0.02,0.04)	
		Urban Children	0.03 (0.02,0.04)	0.068
		Rural Children	0.06 (0.03,0.12)	
		Non-Day Care Children	0.06 (0.03,0.10)	0.048*
		Day Care Children	0.03 (0.02,0.04)	
Indirect Ingestion	0.37 (0.30,0.45)	Low Income Children	0.36 (0.26,0.47)	0.651
		Middle/Upper Income Children	0.39 (0.30,0.48)	
		Urban Children	0.36 (0.27,0.46)	0.618
		Rural Children	0.39 (0.29,0.50)	
		Non-Day Care Children	0.40 (0.32,0.48)	0.541
		Day Care Children	0.35 (0.23,0.48)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Dietary Ingestion	0.95 (0.93,0.97)	Low Income Children	0.94 (0.91,0.96)	0.209
		Middle/Upper Income Children	0.96 (0.93,0.98)	
		Urban Children	0.95 (0.92,0.96)	0.671
		Rural Children	0.96 (0.92,0.97)	
		Non-Day Care Children	0.94 (0.90,0.96)	0.093
		Day Care Children	0.96 (0.94,0.98)	
Inhalation	0.03 (0.02,0.04)	Low Income Children	0.04 (0.02,0.06)	0.018*
		Middle/Upper Income Children	0.02 (0.01,0.03)	
		Urban Children	0.03 (0.02,0.05)	0.146
		Rural Children	0.02 (0.01,0.04)	
		Non-Day Care Children	0.03 (0.02,0.05)	0.381
		Day Care Children	0.02 (0.01,0.04)	
Indirect Ingestion	0.02 (0.01,0.03)	Low Income Children	0.02 (0.01,0.03)	0.926
		Middle/Upper Income Children	0.02 (0.01,0.04)	
		Urban Children	0.02 (0.01,0.03)	0.454
		Rural Children	0.02 (0.01,0.05)	
		Non-Day Care Children	0.03 (0.02,0.06)	0.019*
		Day Care Children	0.01 (0.01,0.02)	

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.
Note: Caution should be taken when interpreting results of statistical analysis when estimated proportions are near 0 or 1.

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Table S-2. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating OH Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
Bisphenol-A				
Dietary Ingestion	0.99 (0.99,0.99)	Low Income Children	0.99 (0.99,1.00)	0.364
		Middle/Upper Income Children	0.99 (0.99,0.99)	
		Urban Children	0.99 (0.99,0.99)	0.087
		Rural Children	0.99 (0.99,1.00)	
		Non-Daycare Children	0.99 (0.99,1.00)	0.015*
		Daycare Children	0.99 (0.99,0.99)	
Inhalation	0.01 (0.00,0.01)	Low Income Children	0.01 (0.00,0.01)	0.516
		Middle/Upper Income Children	0.01 (0.01,0.01)	
		Urban Children	0.01 (0.01,0.01)	0.039*
		Rural Children	0.00 (0.00,0.01)	
		Non-Daycare Children	0.00 (0.00,0.01)	0.008**
		Daycare Children	0.01 (0.01,0.01)	
Indirect Ingestion	0.00 (0.00,0.00)	Low Income Children	0.00 (0.00,0.00)	--
		Middle/Upper Income Children	0.00 (0.00,0.00)	
		Urban Children	0.00 (0.00,0.00)	--
		Rural Children	0.00 (0.00,0.00)	
		Non-Daycare Children	0.00 (0.00,0.00)	--
		Daycare Children	0.00 (0.00,0.00)	
Chlorpyrifos				
Dietary Ingestion	0.76 (0.69,0.82)	Low Income Children	0.78 (0.67,0.86)	0.440
		Middle/Upper Income Children	0.74 (0.67,0.81)	
		Urban Children	0.71 (0.65,0.77)	0.174
		Rural Children	0.80 (0.67,0.89)	
		Non-Day Care Children	0.79 (0.70,0.86)	0.272
		Day Care Children	0.74 (0.64,0.81)	
Inhalation	0.19 (0.14,0.26)	Low Income Children	0.19 (0.12,0.29)	0.900
		Middle/Upper Income Children	0.20 (0.15,0.26)	
		Urban Children	0.24 (0.20,0.29)	0.147
		Rural Children	0.16 (0.08,0.27)	
		Non-Day Care Children	0.19 (0.12,0.27)	0.650
		Day Care Children	0.20 (0.15,0.27)	
Indirect Ingestion	0.04 (0.03,0.06)	Low Income Children	0.03 (0.02,0.04)	<0.001**
		Middle/Upper Income Children	0.05 (0.04,0.08)	
		Urban Children	0.04 (0.03,0.06)	0.560
		Rural Children	0.04 (0.02,0.07)	
		Non-Day Care Children	0.03 (0.02,0.04)	0.038*
		Day Care Children	0.06 (0.03,0.09)	

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Table S-2. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating OH Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
Diazinon				
Dietary Ingestion	0.62 (0.52,0.70)	Low Income Children	0.60 (0.49,0.70)	0.519
		Middle/Upper Income Children	0.64 (0.53,0.73)	
		Urban Children	0.62 (0.56,0.68)	0.897
		Rural Children	0.61 (0.44,0.76)	
		Non-Day Care Children	0.67 (0.59,0.74)	0.103
		Day Care Children	0.57 (0.43,0.70)	
Inhalation	0.33 (0.27,0.41)	Low Income Children	0.38 (0.28,0.48)	0.155
		Middle/Upper Income Children	0.30 (0.23,0.37)	
		Urban Children	0.30 (0.26,0.36)	0.348
		Rural Children	0.37 (0.25,0.50)	
		Non-Day Care Children	0.29 (0.23,0.35)	0.058
		Day Care Children	0.38 (0.28,0.49)	
Indirect Ingestion	0.05 (0.03,0.08)	Low Income Children	0.03 (0.02,0.06)	0.009**
		Middle/Upper Income Children	0.07 (0.04,0.13)	
		Urban Children	0.06 (0.04,0.08)	0.472
		Rural Children	0.04 (0.01,0.11)	
		Non-Day Care Children	0.05 (0.03,0.08)	0.667
		Day Care Children	0.05 (0.03,0.11)	
Di-*n*-butylphthalate				
Dietary Ingestion	0.80 (0.76,0.83)	Low Income Children	0.82 (0.76,0.87)	0.303
		Middle/Upper Income Children	0.78 (0.72,0.83)	
		Urban Children	0.82 (0.80,0.84)	0.379
		Rural Children	0.78 (0.70,0.85)	
		Non-Day Care Children	0.76 (0.69,0.81)	0.017*
		Day Care Children	0.84 (0.80,0.87)	
Inhalation	0.18 (0.15,0.21)	Low Income Children	0.16 (0.12,0.22)	0.365
		Middle/Upper Income Children	0.20 (0.15,0.26)	
		Urban Children	0.16 (0.14,0.18)	0.186
		Rural Children	0.21 (0.15,0.28)	
		Non-Day Care Children	0.22 (0.17,0.28)	0.047*
		Day Care Children	0.15 (0.12,0.19)	
Indirect Ingestion	0.02 (0.01,0.03)	Low Income Children	0.01 (0.01,0.03)	0.447
		Middle/Upper Income Children	0.02 (0.01,0.03)	
		Urban Children	0.02 (0.02,0.03)	0.257
		Rural Children	0.01 (0.00,0.03)	
		Non-Day Care Children	0.02 (0.01,0.05)	0.008**
		Day Care Children	0.01 (0.01,0.02)	

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Table S-2. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating OH Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
2,4-D (2,4-dichlorophenoxyacetic acid)				
Dietary Ingestion	0.92 (0.89,0.95)	Low Income Children	0.95 (0.90,0.97)	0.040*
		Middle/Upper Income Children	0.89 (0.83,0.93)	
		Urban Children	0.91 (0.88,0.93)	0.354
		Rural Children	0.93 (0.88,0.97)	
		Non-Day Care Children	0.93 (0.89,0.95)	0.633
		Day Care Children	0.92 (0.85,0.95)	
Inhalation	0.03 (0.02,0.04)	Low Income Children	0.02 (0.01,0.04)	0.417
		Middle/Upper Income Children	0.03 (0.02,0.05)	
		Urban Children	0.02 (0.01,0.02)	0.085
		Rural Children	0.04 (0.02,0.09)	
		Non-Day Care Children	0.03 (0.02,0.05)	0.100
		Day Care Children	0.02 (0.01,0.04)	
Indirect Ingestion	0.03 (0.02,0.05)	Low Income Children	0.02 (0.01,0.05)	0.058
		Middle/Upper Income Children	0.05 (0.03,0.09)	
		Urban Children	0.07 (0.05,0.11)	<0.001**
		Rural Children	0.02 (0.01,0.03)	
		Non-Day Care Children	0.03 (0.02,0.05)	0.414
		Day Care Children	0.04 (0.02,0.08)	
***cis*-Permethrin**				
Dietary Ingestion	0.56 (0.48,0.64)	Low Income Children	0.60 (0.47,0.71)	0.269
		Middle/Upper Income Children	0.53 (0.44,0.61)	
		Urban Children	0.61 (0.53,0.68)	0.197
		Rural Children	0.51 (0.37,0.65)	
		Non-Daycare Children	0.58 (0.49,0.67)	0.618
		Daycare Children	0.54 (0.42,0.66)	
Inhalation	0.04 (0.03,0.05)	Low Income Children	0.04 (0.02,0.05)	0.165
		Middle/Upper Income Children	0.05 (0.04,0.07)	
		Urban Children	0.06 (0.04,0.08)	0.010*
		Rural Children	0.03 (0.02,0.05)	
		Non-Daycare Children	0.04 (0.03,0.06)	0.700
		Daycare Children	0.05 (0.03,0.08)	
Indirect Ingestion	0.39 (0.31,0.48)	Low Income Children	0.36 (0.25,0.49)	0.405
		Middle/Upper Income Children	0.42 (0.34,0.50)	
		Urban Children	0.33 (0.26,0.41)	0.088
		Rural Children	0.45 (0.32,0.59)	
		Non-Daycare Children	0.38 (0.29,0.47)	0.719
		Daycare Children	0.40 (0.29,0.52)	

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Table S-2. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating OH Children That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean (cont.)

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
***trans*-Permethrin**				
Dietary Ingestion	0.58 (0.49,0.66)	Low Income Children	0.58 (0.45,0.70)	0.962
		Middle/Upper Income Children	0.58 (0.49,0.67)	
		Urban Children	0.61 (0.53,0.68)	0.516
		Rural Children	0.55 (0.40,0.70)	
		Non-Daycare Children	0.60 (0.51,0.69)	0.435
		Daycare Children	0.56 (0.44,0.67)	
Inhalation	0.04 (0.03,0.06)	Low Income Children	0.02 (0.02,0.04)	<0.001**
		Middle/Upper Income Children	0.06 (0.04,0.08)	
		Urban Children	0.05 (0.04,0.08)	0.015*
		Rural Children	0.03 (0.02,0.05)	
		Non-Daycare Children	0.03 (0.02,0.04)	0.054
		Daycare Children	0.05 (0.03,0.09)	
Indirect Ingestion	0.37 (0.29,0.46)	Low Income Children	0.38 (0.26,0.51)	0.820
		Middle/Upper Income Children	0.36 (0.29,0.45)	
		Urban Children	0.33 (0.26,0.41)	0.296
		Rural Children	0.41 (0.28,0.56)	
		Non-Daycare Children	0.36 (0.27,0.45)	0.635
		Daycare Children	0.38 (0.28,0.50)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Dietary Ingestion	0.98 (0.96,0.99)	Low Income Children	0.97 (0.93,0.99)	0.023*
		Middle/Upper Income Children	0.99 (0.97,0.99)	
		Urban Children	0.97 (0.96,0.98)	0.393
		Rural Children	0.99 (0.94,1.00)	
		Non-Day Care Children	0.97 (0.94,0.99)	0.148
		Day Care Children	0.99 (0.96,0.99)	
Inhalation	0.02 (0.01,0.04)	Low Income Children	0.03 (0.01,0.06)	0.010**
		Middle/Upper Income Children	0.01 (0.00,0.02)	
		Urban Children	0.02 (0.01,0.03)	0.493
		Rural Children	0.01 (0.00,0.06)	
		Non-Day Care Children	0.02 (0.01,0.05)	0.147
		Day Care Children	0.01 (0.00,0.03)	
Indirect Ingestion	0.00 (0.00,0.01)	Low Income Children	0.00 (0.00,0.01)	--
		Middle/Upper Income Children	0.00 (0.00,0.01)	
		Urban Children	0.01 (0.00,0.01)	--
		Rural Children	0.00 (0.00,0.01)	
		Non-Day Care Children	0.00 (0.00,0.01)	--
		Day Care Children	0.00 (0.00,0.01)	

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.
Note: Caution should be taken when interpreting results of statistical analysis when estimated proportions are near 0 or 1.

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Table S-3. Estimated Mean Proportion of Total Potential Exposure Level and Total Potential Exposed Dose in NC Adults That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
2,4-D (2,4-dichlorophenoxyacetic acid)				
Dietary Ingestion	0.93 (0.82,0.97)	Low Income	0.92 (0.77,0.97)	0.663
		Middle/Upper Income	0.94 (0.80,0.98)	
		Urban	0.90 (0.82,0.95)	0.542
		Rural	0.95 (0.71,0.99)	
		Non-Daycare Households	0.95 (0.82,0.98)	0.455
		Daycare Households	0.91 (0.74,0.97)	
Inhalation	0.05 (0.02,0.15)	Low Income	0.08 (0.02,0.24)	0.236
		Middle/Upper Income	0.03 (0.01,0.14)	
		Urban	0.06 (0.03,0.14)	0.665
		Rural	0.04 (0.00,0.26)	
		Non-Daycare Households	0.04 (0.01,0.15)	0.509
		Daycare Households	0.06 (0.02,0.22)	
Indirect Ingestion	0.01 (0.00,0.24)	Low Income	0.00 (0.00,0.32)	0.348
		Middle/Upper Income	0.02 (0.00,0.39)	
		Urban	0.02 (0.00,0.14)	0.667
		Rural	0.00 (0.00,0.74)	
		Non-Daycare Households	0.01 (0.00,0.25)	0.721
		Daycare Households	0.01 (0.00,0.31)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Dietary Ingestion	0.94 (0.84,0.98)	Low Income	0.92 (0.76,0.97)	0.276
		Middle/Upper Income	0.96 (0.85,0.99)	
		Urban	0.92 (0.85,0.96)	0.556
		Rural	0.96 (0.74,1.00)	
		Non-Daycare Households	0.95 (0.84,0.99)	0.606
		Daycare Households	0.93 (0.78,0.98)	
Inhalation	0.05 (0.01,0.15)	Low Income	0.07 (0.02,0.22)	0.298
		Middle/Upper Income	0.03 (0.01,0.14)	
		Urban	0.07 (0.03,0.14)	0.529
		Rural	0.03 (0.00,0.26)	
		Non-Daycare Households	0.04 (0.01,0.15)	0.631
		Daycare Households	0.06 (0.01,0.21)	
Indirect Ingestion	0.01 (0.00,0.10)	Low Income	0.01 (0.00,0.18)	0.767
		Middle/Upper Income	0.01 (0.00,0.20)	
		Urban	0.01 (0.00,0.08)	0.978
		Rural	0.01 (0.00,0.46)	
		Non-Daycare Households	0.01 (0.00,0.18)	0.865
		Daycare Households	0.01 (0.00,0.21)	

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.
Note: Caution should be taken when interpreting results of statistical analysis when estimated proportions are near 0 or 1.

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Table S-4. Estimated Mean Proportion of Aggregate Potential Exposure Level and Potential Absorbed Dose in Participating OH Adults That is Attributable to Each Exposure Route, Calculated Overall and Separately by Stratum, and 95% Confidence Intervals on the Mean

Exposure Route	Estimate of Overall Mean Proportion (95% CI)	Stratum	Estimate of Stratum Mean Proportion (95% CI)	Significance Level of Stratum Effect on the Overall Proportion
2,4-D (2,4-dichlorophenoxyacetic acid)				
Dietary Ingestion	0.93 (0.78,0.98)	Low Income	0.96 (0.77,0.99)	0.225
		Middle/Upper Income	0.88 (0.70,0.96)	
		Urban	0.92 (0.83,0.96)	0.807
		Rural	0.94 (0.59,0.99)	
		Non-Daycare Households	0.95 (0.79,0.99)	0.339
		Daycare Households	0.90 (0.70,0.97)	
Inhalation	0.04 (0.01,0.17)	Low Income	0.04 (0.00,0.30)	0.942
		Middle/Upper Income	0.03 (0.01,0.18)	
		Urban	0.03 (0.01,0.10)	0.779
		Rural	0.04 (0.00,0.51)	
		Non-Daycare Households	0.04 (0.00,0.23)	0.982
		Daycare Households	0.03 (0.00,0.24)	
Indirect Ingestion	0.03 (0.01,0.18)	Low Income	0.01 (0.00,0.18)	0.157
		Middle/Upper Income	0.07 (0.02,0.28)	
		Urban	0.05 (0.02,0.14)	0.631
		Rural	0.02 (0.00,0.37)	
		Non-Daycare Households	0.02 (0.00,0.16)	0.246
		Daycare Households	0.05 (0.01,0.26)	
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Dietary Ingestion	0.98 (0.76,1.00)	Low Income	0.98 (0.60,1.00)	0.737
		Middle/Upper Income	0.98 (0.79,1.00)	
		Urban	0.97 (0.90,0.99)	0.818
		Rural	0.99 (0.26,1.00)	
		Non-Daycare Households	0.99 (0.73,1.00)	0.578
		Daycare Households	0.97 (0.66,1.00)	
Inhalation	0.02 (0.00,0.24)	Low Income	0.02 (0.00,0.42)	0.722
		Middle/Upper Income	0.01 (0.00,0.21)	
		Urban	0.02 (0.00,0.09)	0.856
		Rural	0.01 (0.00,0.77)	
		Non-Daycare Households	0.01 (0.00,0.29)	0.664
		Daycare Households	0.02 (0.00,0.34)	
Indirect Ingestion	0.00 (0.00,0.94)	Low Income	0.00 (0.00,0.98)	0.981
		Middle/Upper Income	0.00 (0.00,0.93)	
		Urban	0.00 (0.00,0.16)	0.877
		Rural	0.00 (0.00,1.00)	
		Non-Daycare Households	0.00 (0.00,0.98)	0.709
		Daycare Households	0.00 (0.00,0.96)	

* Statistically significant at the 0.05 level, but not at the 0.01 level.
** Statistically significant at the 0.01 level.
Note: Caution should be taken when interpreting results of statistical analysis when estimated proportions are near 0 or 1.

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Table S-5. Estimated Ratio Between Two Exposure Routes of Geometric Mean Potential Exposure Level and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
Bisphenol-A				
Potential Exposure Level	<0.0001	207.17** (139.92,306.76)	2235.24** (1459.50,3423.30)	10.79** (7.38,15.77)
Potential Absorbed Dose	<0.0001	207.37** (139.96,307.25)	2212.20** (1438.94,3401.01)	10.67** (7.33,15.53)
Chlorpyrifos				
Potential Exposure Level	<0.0001	1.41 (0.98,2.03)	12.60** (8.24,19.27)	8.92** (6.61,12.05)
Potential Absorbed Dose	<0.0001	1.41 (0.98,2.02)	12.61** (8.24,19.28)	8.93** (6.61,12.06)
Diazinon				
Potential Exposure Level	<0.0001	1.42 (0.99,2.04)	20.70** (12.62,33.96)	14.58** (10.84,19.60)
Potential Absorbed Dose	<0.0001	1.41 (0.98,2.03)	20.68** (12.62,33.88)	14.62** (10.88,19.65)
Di-*n*-butylphthalate				
Potential Exposure Level	<0.0001	22.92** (16.08,32.67)	126.17** (86.76,183.47)	5.50** (4.12,7.35)
Potential Absorbed Dose	<0.0001	22.61** (15.87,32.20)	124.38** (85.01,182.00)	5.50** (4.16,7.27)
2,4-D (2,4-dichlorophenoxyacetic acid)				
Potential Exposure Level	<0.0001	48.67** (31.68,74.77)	194.41** (121.38,311.36)	3.99** (2.37,6.72)
Potential Absorbed Dose	<0.0001	48.63** (31.63,74.77)	193.78** (120.86,310.70)	3.98** (2.37,6.71)
***cis*-Permethrin**				
Potential Exposure Level	<0.0001	22.18** (11.90,41.34)	2.09 (0.99,4.44)	0.09** (0.06,0.15)
Potential Absorbed Dose	<0.0001	22.17** (11.89,41.31)	2.10 (0.99,4.44)	0.09** (0.06,0.15)
***trans*-Permethrin**				
Potential Exposure Level	<0.0001	22.02** (12.06,40.19)	1.80 (0.85,3.82)	0.08** (0.05,0.13)
Potential Absorbed Dose	<0.0001	21.81** (11.95,39.79)	1.77 (0.84,3.75)	0.08** (0.05,0.13)

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Table S-5. Estimated Ratio Between Two Exposure Routes of Geometric Mean Potential Exposure Level and Potential Absorbed Dose Estimates in Participating NC Children, and 95% Confidence Intervals on This Ratio (cont.)

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Potential Exposure Level	<0.0001	72.58** (48.94,107.64)	229.05** (136.67,383.88)	3.16** (2.12,4.70)
Potential Absorbed Dose	<0.0001	72.84** (49.12,108.02)	230.39** (137.23,386.82)	3.16** (2.12,4.71)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table S-6. Estimated Ratio Between Two Exposure Routes of Geometric Mean Potential Exposure Level and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
Bisphenol-A				
Potential Exposure Level	<0.0001	181.33** (118.07,278.49)	1853.99** (1235.33,2782.49)	10.22** (6.74,15.52)
Potential Absorbed Dose	<0.0001	183.70** (120.11,280.98)	1851.10** (1233.56,2777.80)	10.08** (6.67,15.22)
Chlorpyrifos				
Potential Exposure Level	<0.0001	6.03** (3.62,10.05)	30.88** (17.83,53.47)	5.12** (3.23,8.13)
Potential Absorbed Dose	<0.0001	6.06** (3.63,10.13)	31.03** (17.93,53.70)	5.12** (3.24,8.11)
Diazinon				
Potential Exposure Level	<0.0001	2.04** (1.20,3.44)	20.68** (10.96,39.00)	10.15** (5.93,17.38)
Potential Absorbed Dose	<0.0001	2.04** (1.20,3.46)	20.78** (11.00,39.27)	10.19** (5.95,17.45)
Di-*n*-butylphthalate				
Potential Exposure Level	<0.0001	4.68** (2.94,7.44)	53.07** (33.60,83.84)	11.34** (7.75,16.60)
Potential Absorbed Dose	<0.0001	4.63** (2.89,7.42)	51.94** (32.47,83.07)	11.21** (7.68,16.36)
2,4-D (2,4-dichlorophenoxyacetic acid)				
Potential Exposure Level	<0.0001	52.25** (29.55,92.38)	47.52** (25.29,89.31)	0.91 (0.46,1.78)
Potential Absorbed Dose	<0.0001	51.75** (29.24,91.58)	47.22** (25.10,88.85)	0.91 (0.47,1.79)
***cis*-Permethrin**				
Potential Exposure Level [a]	--	--	--	--
Potential Absorbed Dose	<0.0001	22.00** (11.20,43.24)	2.60* (1.07,6.32)	0.12** (0.07,0.21)
***trans*-Permethrin**				
Potential Exposure Level	<0.0001	24.32** (12.72,46.49)	3.52** (1.40,8.89)	0.14** (0.08,0.27)
Potential Absorbed Dose	<0.0001	24.29** (12.70,46.45)	3.38** (1.34,8.56)	0.14** (0.07,0.26)

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Table S-6. Estimated Ratio Between Two Exposure Routes of Geometric Mean Potential Exposure Level and Potential Absorbed Dose Estimates in Participating OH Children, and 95% Confidence Intervals on This Ratio (cont.)

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Potential Exposure Level	<0.0001	132.32** (76.69,228.30)	546.95** (313.76,953.47)	4.13** (2.59,6.59)
Potential Absorbed Dose	<0.0001	129.55** (75.17,223.29)	541.95** (310.36,946.37)	4.18** (2.63,6.65)

[a] Model would not converge.

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table S-7. Estimated Ratio of Geometric Mean for Potential Exposure Level and Potential Absorbed Dose Estimates in NC Adults, Calculated Between Two Exposure Routes, and 95% Confidence Intervals on This Ratio

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
2,4-D (2,4-dichlorophenoxyacetic acid)				
Potential Exposure Level	<0.0001	40.74** (25.45,65.21)	379.85** (212.96,677.50)	9.32** (5.28,16.48)
Potential Absorbed Dose	<0.0001	40.88** (25.53,65.47)	379.64** (212.71,677.60)	9.29** (5.26,16.38)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Potential Exposure Level	<0.0001	41.76** (27.05,64.48)	358.70** (219.26,586.83)	8.59** (6.08,12.13)
Potential Absorbed Dose	<0.0001	41.74** (27.04,64.44)	358.31** (218.93,586.41)	8.58** (6.08,12.12)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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Table S-8. Estimated Ratio Between Two Exposure Routes of Geometric Mean Potential Exposure Level and Potential Absorbed Dose Estimates in Participating OH Adults, and 95% Confidence Intervals on This Ratio

Parameter	Significance Level for Overall Differences Among the Three Exposure Routes	Ratio of Geometric Means (95%CI)		
		Dietary Ingestion Route vs. Inhalation Route	Dietary Ingestion Route vs. Indirect Ingestion Route	Inhalation Route vs. Indirect Ingestion Route
2,4-D (2,4-dichlorophenoxyacetic acid)				
Potential Exposure Level	<0.0001	49.33** (31.89,76.32)	78.75** (40.28,153.93)	1.60 (0.85,3.00)
Potential Absorbed Dose	<0.0001	49.32** (31.89,76.27)	78.63** (40.16,153.96)	1.59 (0.84,3.01)
3,5,6-TCP (3,5,6-trichloro-2-pyridinol)				
Potential Exposure Level	<0.0001	102.37** (62.73,167.06)	907.46** (519.56,1584.93)	8.86** (5.70,13.79)
Potential Absorbed Dose	<0.0001	102.51** (62.72,167.53)	907.69** (519.81,1585.00)	8.85** (5.67,13.82)

* Statistically significantly different from 1 at the 0.05 level, but not at the 0.01 level.
** Statistically significantly different from 1 at the 0.01 level.

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