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# The EPA CompTox Chemistry Dashboard – an online resource for environmental chemists

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The U.S. Environmental Protection Agency (EPA) Computational Toxicology Program integrates advances in biology, chemistry, and computer science to help prioritize chemicals for further research based on potential human health risks. This work involves computational and data driven approaches that integrate chemistry, exposure and biological data. As an outcome of these efforts the National Center for Computational Toxicology (NCCT) has measured, assembled and delivered an enormous quantity and diversity of data for the environmental sciences including high-throughput *in vitro* screening data, *in vivo* and functional use data, exposure models and chemical databases with associated properties. A series of software applications and databases have been produced over the past decade to deliver these data. Recent work has focused on the development of a new architecture that assembles the resources into a single platform. With a focus on delivering access to Open Data streams, web service integration accessibility and a user-friendly web application the CompTox Dashboard provides access to data associated with ~720,000 chemical substances. These data include research data in the form of bioassay screening data associated with the ToxCast program, experimental and predicted physicochemical properties, product and functional use information and related data of value to environmental scientists. This presentation will provide an overview of the CompTox Dashboard and its value to the community as an informational hub. *This abstract does not reflect U.S. EPA policy.*