



Explore important data on children's health

The EPA's America's Children and the Environment (ACE) provides national trends and highlights disproportionate impacts of environmental factors on children's health by bringing together information from a variety of curated sources.

America's Children and the Environment

▶ epa.gov/ace

The ACE website is a centralized resource to explore factors impacting children's environmental health, where you can:

- find a collection of nationally quantifiable indicators,
- explore data visualizations of indicators that display trends, and
- review summaries of key findings and statistically significant indicator trends.

ACE indicators summarize timely and relevant data.

Since 2000, ACE indicators are designed to raise awareness of environmental trends and their impact on children's health and development. Information on the ACE website is regularly updated to reflect new scientific research, environmental data, and children's health trends. The latest data in environments and contaminants, biomonitoring, and health are presented at a national scale in an understandable way.

ACE is interactive and accessible.

The website features interactive data visualizations that can be explored for different topics relevant to researchers, policy makers, and the public.

ACE protects the health of all children.

Children are more vulnerable to environmental hazards. Understanding and improving these conditions can protect children and women of childbearing age, which can lead to improved health throughout their lives.



There are ACE indicators for many environmental health topics.

Indicators of environmental impacts on health are divided into four major categories as shown below.



Biomonitoring

Biomonitoring indicators measure the levels of environmental chemicals in the bodies of women of child-bearing age and children. This data provides insight into their exposure to contaminants such as lead, mercury, perfluorinated chemicals, and secondhand tobacco smoke.



Health

Health indicators track the prevalence of respiratory diseases, childhood cancer, neurodevelopmental disorders, obesity, and adverse birth outcomes that may be related to environmental exposures.



Supplementary Topics

The ACE website offers focused research and data on environmental threats in places children reside—such as schools and child-care facilities—along with health impacts and risks unique to infants and children. These Supplementary Topics help ACE spotlight child environmental health concerns for which locational-specific or periodic data may be available.



Environments and Contaminants

These indicators reflect the contaminants that children may encounter in the air they breathe, the water they drink, and the food they eat—both outdoors and indoors, including within their own homes and schools.

Continuous Research

For many of the indicators, evidence of relationships between environmental exposures and children's health continues to evolve. To help guide efforts to protect children from harmful exposures and better understand health disparities, the indicators are routinely updated with new data and capabilities.

Learn More

Visit epa.gov/ace for more on how environmental conditions impact children's health. See customizable data on health issues, environmental resources, social factors, prevention resources, and educational materials.