

EPA and Children's Health

Children are extremely susceptible to **damaging effects** of **environmental pollutants**

ADHD
Asthma
Autism

Cancer
Depression
Lower IQ

Heart and Lung Disease
Low Birth Weight

Obesity
Premature Death

Sources at <http://prhe.ucsf.edu/chemical-policy>



EPA + Clean Air Act **improving air quality** since 1970

AIR

• **\$22 trillion** in benefits (avg mean)

EPA, Benefits and Costs of Clean Air Act 1970-1990

In 2020, Clean Air Act will prevent:

- **230,000** early deaths
- **2.4 million** asthma attacks
- **5.4 million** lost school days

EPA, Benefits and Costs of Clean Air Act 1990-2020



New York City
1970s 2011

EPA + Clean Water Act **improving water quality** since 1972

WATER

Before only 33% of U.S. waters safe for fishing/swimming

After 65% of U.S. waters healthy for fishing/swimming (By 2011)

EPA History of Clean Water Act



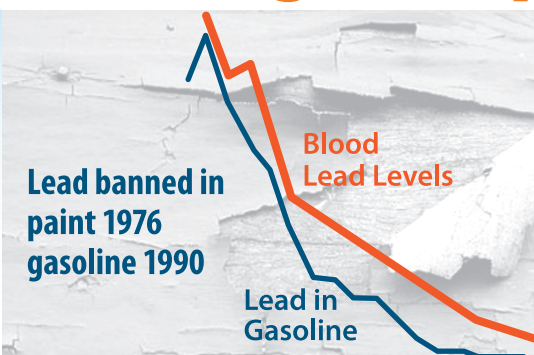
Cuyahoga River
1952 2016

EPA + regulations **reducing lead poisoning** since 1973

LEAD

Blood lead levels dropped >90% and severe child lead poisonings greatly reduced (although lead still a problem in old homes and some water supplies)

EPA 1999



The Science Says EPA protects children's health