

# EPA and Toxic Chemicals



~ **30,000 lbs**

of **industrial chemicals** produced for **each person** in the U.S. each year



Most chemicals in the marketplace have not been tested for safety

Toxic chemicals are contaminating people and

**undermining health**



"to a disturbing extent **babies are born 'pre-polluted'**"

National Cancer Institute, President's Cancer Panel, April 2010

Phthalates + PBDE flame retardants in

**100%** of pregnant women

Woodruff, et al 2011  
Environmental chemicals in pregnant women in the U.S.  
Environmental Health Perspectives

**44** toxic chemicals in pregnant women, also measured in newborns' umbilical cords

Morello-Frosch, et al 2016  
Environmental Chemicals in an Urban Population of Pregnant Women and Their Newborns...  
Environmental Science & Technology

Teen cancer up **25%** since 1975

Burkhamer, et al 2017  
The increasing toll of adolescent cancer incidence in the US, PLoS One

**1 in 5000**

1 in 2500

1 in 500

1 in 250

1 in 166

1 in 150

1 in 110

**Autism has skyrocketed**

1975-2014

CDC 2014

**1 in 68**

Yet EPA has **banned only 5** chemicals since 1976 while Europe has banned **>1,000** since 2000

## WHY? The Chemical Industry:

**SUES**

to stop or stall protections



**MANIPULATES**

**RULES** to industry advantage



**HIDES**

product formulas and production quantities



**HIJACKS**

agencies like EPA with industry appointees



## NOW

Pruitt's EPA is putting **profits before people** by rewriting the rules of the updated **Toxic Substances Control Act** law in industry's favor.

## The Science Says

## We need EPA to protect public health **NOT** chemical sales



UCSF

Program on Reproductive Health and the Environment