

PESTICIDE EXPOSURE & CHILDHOOD CANCER

Childhood cancer is rising

Rates of cancer incidence among people under the age of 20 have increased 41% since 1975.¹ Preconception exposures to either parent, as well as exposures during pregnancy, increase childhood cancer risk.^{8,15,16,17,18,19,20,21}

In 2020, the Childhood Cancer Prevention Initiative identified pesticides as one of three main exposures most robustly linked to childhood cancer.²





Children are uniquely vulnerable to pesticide exposure

From the fetal stage through adolescence, children's bodies are in a dynamic state of growth, with cells multiplying and organ systems developing at a rapid rate, leaving them *extremely susceptible to the impacts of hazardous chemical exposure*, which can lead to pronounced effects later in life.^{3,4}

The science is clear

Research has shown that pesticide exposure increases risks of childhood lymphomas,^{5,6,7}leukemias,^{5,8,9,10,11,12,13} and brain cancers.^{5,7,14}



CHILDHOOD CANCER PREVENTION INITIATIVE



Pesticides in use are not safe

More than 15 EPA registered pesticides used in the US are classified as known, likely, or probable carcinogens by the International Agency on Cancer Research (IARC).²²² Over 17 EPA registered pesticides used in the US have been flagged as potential carcinogens by scientists.²³

It is vital to pass legislation to protect our children from pesticide exposures

Support the Protect America's Children from Toxic Pesticides Act (S. 3283) TODAY



To find out more and get involved, visit <u>Cancer Free Economy Network</u> & <u>Childhood Cancer Prevention Initiative</u>



PACTPA Protect America's Children from Toxic Pesticides Act (S. 3283)

If passed, PACTPA would:

- Ban pesticides particularly harmful to children, including organophosphates, neonicotinoids, & paraquat
- Review and ban pesticides banned in the EU & Canada
- Strengthen pesticide regulation by ending delays in pesticide review & limiting conditional registrations and emergency exemptions
- Require labels in multiple languages and with increased ingredient transparency
- Protect farmworkers by establishing a reporting system for pesticide accidents and injuries

Join American Sustainable Business Network in asking your Senators to endorse PACTPA

In the meantime, reduce your, & your child's, exposure to pesticides by:

- Removing shoes at the door and/or having doormats to prevent tracking toxics inside
- Switching to non-toxic alternatives to manage pests in the home & garden
- Keeping dust levels low and vacuuming with a HEPA filter
- Eating organic whenever possible
- Asking your neighbors, schools, town, & local farmers to switch to pesticide free lawn, grounds, & crop management



REFERENCES

