

Did You Know?

- Pesticides have not been studied for their long-term effects on human health (<http://www.webmd.com/a-to-z-guides/tips-for-reducing-pesticide-exposure-in-your-home-topic-overview>)
- Pesticides work on the nervous system of the insect, incapacitating it
- Women who live within a mile of spaces where commercial pesticides are applied appear to have an increased risk of having a child with autism (<http://www.webmd.com/baby/news/20140623/study-links-pesticide-exposure-during-pregnancy-to-autism-risk-in-kids>)
- Children of farmworker parents who are exposed to chronic low doses of pesticides before they are born and in the first years of life have a higher risk for neurodevelopmental problems like autism than children who are not exposed to these chemicals.
- 1 in 68 children has been identified with autism spectrum disorder. (www.cdc.gov/ncbddd/autism/data.html)
- A recent study found an association between exposure to certain pesticides and a higher risk of Parkinson's disease. (<http://www.webmd.com/parkinsons-disease/news/20140203/more-pesticides-linked-to-parkinsons-risk>)
- Phthalates have been found to disrupt the endocrine system. Endocrine disruptions are particularly dangerous to developing and young babies and children whose organs are still forming. (<http://www.pbs.org/tradesecrets/problem/children>)
- Several phthalate compounds have caused reduced fertility in male test animals. (*US Center for Disease Control's 2005 National Report on Human Exposure to Environmental Chemicals* (also www.chemicalbodyburden.org))
- Some studies link phthalates to liver cancer.
- PCBs (Polychlorinated Biphenyl) were banned in 1979 but linger on in hundreds of commercial applications that remain in our homes. (<http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/about.htm>)
- PCBs do not readily break down and remain for long periods of time, cycling between air, water and soil.
- National Cancer Institute found residues of 34 toxic chemicals in household carpet dust, including pesticides, herbicides, fungicides and PCBs. (<https://thorne.com/practitioners/resources/articles/we-are-all-toxic>)
- Another study found carpet dust pesticide levels 10 to 100 times higher than in nearby soil samples.
- Unbagging a dry-cleaned garment releases toxic chemicals like PERC or TCE, both considered possible human carcinogens. (<https://www.osha.gov/SLTC/drycleaning/>)
- Body Burden: scientists estimate that everyone alive today carries at least 700 contaminants. (www.chemicalbodyburden.org) (<http://www.ewg.org/research/body-burden-pollution-newborns>)
- Environmental Working Group detected 287 chemicals in the cord blood of newborns.
- Of these, 180 cause cancer in humans or animals, 217 are toxic to the brain and nervous system, and 208 cause birth defects or abnormal development in animal tests.
- Environmental exposure may contribute to major diseases and health concerns that especially affect men, including heart disease, prostate cancer and infertility. (<http://www.ewg.org/release/ewg-issues-guide-men-s-environmental-health#U9XGaQTG36E.email>)
- In about 40 percent of infertile couples, the male partner is either the sole or a contributing cause.
- Several studies link deficiencies to a variety of environmental factors, including exposures to lead, as well as chemicals in personal care products and pesticides.
- Just one tree offsets over 910 pounds of CO2 over the course of its lifetime. (<http://www.americanforests.org/a-carbon-conundrum/>)
- Exposure to Roundup has been linked to non-Hodgkin's lymphoma and Parkinson's as well as immune system, thyroid and reproductive problems. (<http://www.ewg.org/release/citing-health-risks-doctors-and-scientists-urge-congress-reject-potent-herbicide-mix#U9XEzZbiRcw.email>)