FLUORIDATION’S NEUROTOXICITY

There is **no question** that fluoride is neurotoxic - it damages the brain, as documented by hundreds of recent human and animal studies.  
**It can not** be declared safe.

2006: The National Research Council published *Fluoride in Drinking Water*,¹ the most authoritative review of fluoride’s toxicity. It stated unequivocally that “fluorides have the ability to interfere with the functions of the brain and the body.”

2012: A Harvard-funded meta-analysis² found that children ingesting higher levels of fluoride tested an average 7 IQ points lower in **26 out of 27 studies**. Most had higher fluoride concentrations than in U.S. water, but many had total exposures to fluoride no more than what millions of Americans receive.

> “Fluoride seems to fit in with lead, mercury, and other poisons that cause chemical brain drain.”  
Philippe Grandjean, MD, PhD, Harvard study co-author, Danish National Board of Health consultant, co-editor of Environmental Health, author of over 500 scientific papers

2017: A National Institutes of Health (NIH) - funded study³ in Mexico found that every one milligram per liter (1 mg/L) increase in fluoride in pregnant women’s urine – approximately the difference caused by ingestion of fluoridated water⁴ - was associated with a reduction of their children’s IQ by an average 5-6 points. Leonardo Trasande, MD, a leading physician unaffiliated with the study, said it “raises serious concerns about fluoride supplementation in water.”⁵

2018: A Canadian study⁶ found iodine-deficient adults (nearly 18% of the population) with higher fluoride levels had a greater risk of hypothyroidism (known to be linked to lower IQs). Author Ashley Malin, PhD, said “I have grave concerns about the health effects of fluoride exposure.”⁷

2019: Another NIH-funded study⁸ in the Journal of the American Medical Association Pediatrics found every 1 mg/L increase in fluoride in Canadian pregnant women’s urine was linked to a 4.5 decrease in IQ in their male children. The physician editor of JAMA Pediatrics said “I would not have my wife drink fluoridated water”⁹ if she was pregnant.

2019: A Canadian study¹⁰ found a nearly **300% higher risk of ADHD** for children living in fluoridated areas. This reinforced earlier studies linking fluoride to ADHD in Mexico (2018)¹¹ and the U.S. (2015).¹²

2019: Another NIH-funded study¹³ in Canada found that **babies fed formula mixed with fluoridated water averaged 6 IQ points less** than those mixed with non-fluoridated water. Losses of non-verbal IQ were even more serious, an average of **13 points**.

2020: The National Toxicology Program’s draft scientific review¹⁴ documented **27 out of 29** higher quality studies linked higher fluoride with significantly lower IQs, **13 out of 14 at levels equivalent to fluoridated water**.

References at [fluoridealert.org/references3](http://fluoridealert.org/references3)