# Scientists sounding the alarm on fluoride's risk to the developing brain.

"It's actually very similar to the effect size that's seen with childhood exposure to lead," David Bellinger, a professor of neurology at Harvard Medical School and Boston Children's Hospital.

"Fluoride exposure during early brain development diminishes the intellectual abilities in young children." Bruce Lanphear, MD, MPH, a professor of health sciences at Simon Fraser University in British Columbia. Dr. Lanphear's groundbreaking research on the neurotoxic effects of low-level lead exposure has shaped regulatory policy in the U.S.

"Fluoride is a developmental neuro-toxicant at levels of exposure seen in the general population in water-fluoridated communities" Howard Hu, MD, MPH, ScD, a physician-scientist, board-certified in Internal Medicine and Preventive (Occupational) Medicine. Dr. Hu was the senior investigator on a National Institutes of Health-funded study examining the effects of prenatal fluoride exposure on IQ and other neuro-developmental harm.

#### Get in touch, visit New Zealand's best resource on fluoridation

Fluoride Free New Zealand was formed in 2003. Our website contains links to the most important developments on fluoride science and a link to the world's largest database on fluoride related contaminants.

It also contains the history of fluoridation in New Zealand and a list of which towns are fluoridated, a list of all referenda in New Zealand, information on more recent events such as the NZ Supreme Court Ruling and progress of legislation to expand fluoridation.

It also provides informative videos, articles, links to our radio and TV adverts and newsletters going back many years.

Links to all information here are available on our site as well as a sign-up to our newsletters.

#### **Contact Us**

www.fluoridefree.org.nz



The Government wants to put toxic industrial waste fluoridation chemicals in our water

Government is passing a law to take control away from local communities

Do you think you should have a say?

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### Fluoride is a Neurotoxin

The world's premier pediatric journal (JAMA Pediatrics) published a government-funded study in 2019, (Association Between Maternal Fluoride Exposure During Pregnancy and IQ Scores in Offspring), confirming exposure to fluoridated water during pregnancy is associated with lowered IQ in the developing child.

Making the publication of this study even more impactful is that it is accompanied by an editor's note, a podcast featuring the journal's editors, and an editorial from world-renowned neurotoxicity expert Dr. David Bellinger. This reaction by the JAMA editors shows just how important the study is, as most studies in their journal don't receive this treatment.

## As at Feb 2021, a total of 68 human studies have found elevated fluoride exposure associated with reduced IQ.

The editors express how "very concerning" and "startling" the evidence is against fluoridation, and how the neurological damage is "on par with lead." They praise the high quality of this study, and call for additional NIH funding of more fluoride research.

Most importantly, they recommend that pregnant women avoid drinking fluoridated water.

# Fluoridation chemicals are scrubbed from the chimneys of the phosphate fertiliser industry

Hydrofluorosilicic acid is a waste product collected from the chimneys of the fertilizer industry. This fluoride chemical also contains traces of lead, aluminium, mercury, arsenic and sometimes uranium. It is banned from being released into the air, sea, lakes and rivers because it is toxic to animals and the environment.



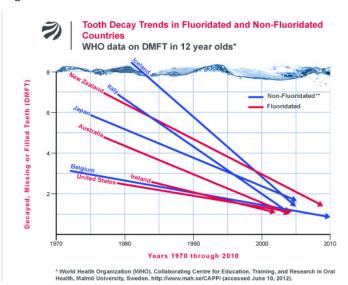
Instead, ratepayers' money buys this toxic chemical handled by workers wearing hazmat suits. This fluoride is what goes into drinking water.

Fluoride Free NZ produced a TV ad that aired on TV3. Complaints to the Advertising Standards Authority from members of the public were rejected because the information is true.

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# Most countries do not add fluoride to their drinking water

Germany, France, Italy, Denmark, Norway, Netherlands...in fact most countries do not fluoridate their water. And their teeth are just as good, if not better than ours.



### 98% of Europe is not fluoridated. Only 10% of the UK is fluoridated.

Only three countries in the world have government/federal mandated fluoridation: Ireland, Singapore and Israel. As at May 2021 Israel does not have any fluoridation despite Government mandate. Only eight countries in the world have more than 50% of the population on fluoridated water: USA (70%), Australia (90%), Ireland (70%), Singapore (100%), Chile (70%), Brunei (95%), New Zealand (52%), Malaysia (66%)