

REFERENCES FOR CALGARY HERALD AD – OCTOBER, 2021

WORLDWIDE MOVEMENT AGAINST FLUORIDATION

Fluoride Action Network compilation of nations and cities:

- <https://fluoridealert.org/wp-content/uploads/leaflet.world-wide-movement-1.2019.pdf>

References for FAN compilation:

- <https://fluoridealert.org/articles/references1/>

Canadian fluoridation rates for British Columbia and Quebec:

- Government of Canada
<https://www.canada.ca/en/services/health/publications/healthy-living/community-water-fluoridation-across-canada-2017.html>

Nations prohibiting fluoridation:

- <https://fluoridealert.org/wp-content/uploads/leaflet.world-wide-movement-1.2019.pdf>

List of organizations opposing:

- American Academy of Environmental Medicine
- Bioscience Resource Project
- Center for Health, Environment and Justice
- Children's Health Defense
- Council of Canadians
- Dental Amalgam Mercury Solutions
- Eau Secours (Quebec-based coalition of over 230 Canadian organizations working for safe, clean water)
- Energy Justice Network
- Environmental Working Group
- Fluoride Action Network
- Food and Water Watch
- Institute of Neurotoxicology & Neurological Disorders
- International Academy of Biological Dentistry and Medicine
- International Academy of Oral Medicine and Toxicology
- League of United Latin American Citizens
- Moms Against Fluoridation
- Organic Consumers Association

<https://fluoridealert.org/wp-content/uploads/leaflet.world-wide-movement-1.2019.pdf>

IS FLUORIDATION SAFE? NO

Fluoride is a known neurotoxin:

- U.S. National Research Council
<https://www.nap.edu/catalog/11571/fluoride-in-drinking-water-a-scientific-review-of-epas-standards> (p. 222)

Dozens of studies showing lower IQs:

- Fluoride Action Network compilation
<https://fluoridealert.org/studies/brain01/>

National Toxicology Program quote:

- Dr. Christine Till presentation to Calgary Downtown Rotary Club
<https://www.safewatercalgary.com/>

Fluoride is an endocrine disruptor:

- U.S. National Research Council
<https://www.nap.edu/catalog/11571/fluoride-in-drinking-water-a-scientific-review-of-epas-standards> (p. 266)

Lowers thyroid function:

- U.S. National Research Council
<https://www.nap.edu/catalog/11571/fluoride-in-drinking-water-a-scientific-review-of-epas-standards> (p. 8)

Can increase bone fractures:

- U.S. National Research Council
<https://www.nap.edu/catalog/11571/fluoride-in-drinking-water-a-scientific-review-of-epas-standards> (p. 179)

Most recent study on hip fractures:

- Helte et al
<https://ehp.niehs.nih.gov/doi/10.1289/EHP7404>

Chemical used is an industry hazardous waste by-product; can contain lead and arsenic:

- Vaca et al (2020), American Chemical Society
<https://pubs.acs.org/doi/10.1021/acssuschemeng.0c03218>
- Mosaic Company
<https://www.salchem.com/MSDS/H/Hydrofluosilicic%20Acid-Mosaic-7-13-15.pdf>
- Fluoride Action Network
<https://fluoridealert.org/articles/phosphate01/>
- NSF International
https://d2evkimvhatgav.cloudfront.net/documents/Fluoride_Fact_Sheet_2019.pdf?mtime=20200716154338&focal=none

No safe levels of lead and arsenic:

- Government of Canada
https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/environmental-contaminants/8-results-chemical-group-report-human-biomonitoring-environmental-chemicals-canada-health-canada-2010.html#n8_1_5
- U.S. Food and Drug Administration
<https://www.fda.gov/food/metals-and-your-food/arsenic-food-and-dietary-supplements>
- Water Quality Association
https://www.wqa.org/Portals/0/Technical/Technical%20Fact%20Sheets/2014_Arsenic.pdf

IS FLUORIDATION COST-EFFECTIVE? NO

Fluoridation cost estimate of \$30,000,000:

- CTV (Dec. 1, 2020) <https://calgary.ctvnews.ca/30m-cost-to-reintroduce-fluoride-to-calgary-s-drinking-water-city-report-1.5211550>

IS FLUORIDATION EFFECTIVE? NO

Consensus on fluoride's preventive actions being mostly topical:

- U.S. Centers for Disease Control
<https://www.cdc.gov/mmwr/preview/mmwrhtml/mm4841a1.htm>
- Iowa Fluoride Study (Warren et al, 2009)
<https://onlinelibrary.wiley.com/doi/10.1111/j.1752-7325.2008.00108.x>
- Limeback (2007)
<https://onlinelibrary.wiley.com/doi/10.1111/j.1600-0528.1999.tb01993.x>

Fluoridation results in less than one less cavity per child:

- Slade et al (2018)
<https://pubmed.ncbi.nlm.nih.gov/29900806/>
- U.S. Centers for Disease Control
https://www.cdc.gov/fluoridation/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Ffluoridation%2Findex.htm
- Iowa Fluoride Study (Curtis et al, 2018)
<https://pubmed.ncbi.nlm.nih.gov/29752831/>

World Health Organization data:

- <https://fluoridealert.org/news/data-shows-tooth-decay-declined-regardless-of-fluoridation/>

Canadian fluoridation rates for British Columbia and Quebec:

- Government of Canada
<https://www.canada.ca/en/services/health/publications/healthy-living/community-water-fluoridation-across-canada-2017.html>

First study showing Calgary's cavity rates went up following fluoridation cessation in 2011:

- McLaren et al (2017)
<https://pubmed.ncbi.nlm.nih.gov/28404475/>

Follow-up study showing cavity rates went up just as much before cessation as after:

- Neurath et al (2017)
<https://pubmed.ncbi.nlm.nih.gov/28994462/>