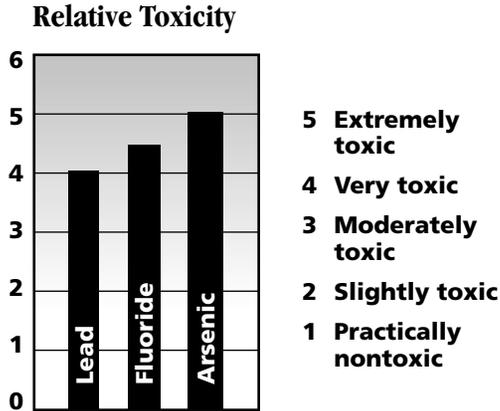
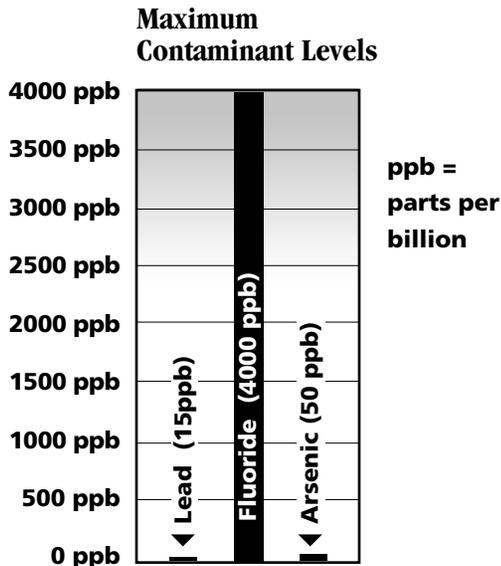


# What is wrong with this picture?

A comparison between the toxicity and maximum contaminant levels of lead, fluoride and arsenic



Based on LD50 data from Robert E. Gosselin et al, *Clinical Toxicology of Commercial Products* 5th ed., 1984



Standards established by the US Environmental Protection Agency

## Two-thirds of kids in fluoridated communities display fluoride toxicity.

“According to a study by the National Institute of Dental Research, 66 percent of America’s children in fluoridated communities show the visible sign of over-exposure and fluoride toxicity, dental fluorosis... That effect occurs when children ingest more fluoride than their bodies can handle with the metabolic processes we were born with, and their teeth are damaged as a result. And not only their teeth. Children’s bones and other tissues, as well as their developing teeth are accumulating too much fluoride.”

*Congressional Testimony by J. William Hirzy, Ph.D., Senior Chemist and Risk Assessment Analyst, representing the union of all professionals at U.S. EPA Headquarters, June 29, 2000*

**For more information, visit**

[www.penweb.org/issues/fluoride/](http://www.penweb.org/issues/fluoride/)

[www.fluoridealert.org](http://www.fluoridealert.org)

[www.fluoridation.com](http://www.fluoridation.com)

[www.citizens.org](http://www.citizens.org)

[www.earthisland.org/eijournal/fluoride/fluoride\\_index.html](http://www.earthisland.org/eijournal/fluoride/fluoride_index.html)

**To help keep our water pure, contact  
PEN Fluoridation Leadership Team  
Pennsylvania Environmental Network**

**412-828-5096 or frudolph@aol.com**

# Question Fluoridation.

## HIGHLIGHTS OF CONGRESSIONAL TESTIMONY ON FLUORIDE



*“Our lives begin to end the day we become silent about things that matter.”*

*Martin Luther King Jr.*

**Dr. J. William Hirzy, Senior Vice President of the union that consists of and represents all of the scientists and other professionals at EPA Headquarters, Washington, D.C. testified before the Senate Subcommittee on Wildlife, Fisheries and Drinking Water on June 29, 2000. This testimony brought the following points to light:**

- 1. The results of the 1990 National Toxicology Program Cancer Study (mandated by Congress) were altered to protect water fluoridation programs.**
- 2. “Since 1994 there have been six publications that link fluoride exposure to direct adverse effects on the brain.”**
- 3. The 50 year study of two New York cities now shows no health benefits to water fluoridation.**
- 4. Three landmark lawsuits since 1978 show “findings of fact” that link fluoride to severe adverse health effects.**
- 5. No studies on safety or effectiveness have been performed on the two waste products of the fertilizer industry that are now used in 90% of fluoridation programs.**
- 6. Fluoride exposure in the US is excessive and uncontrolled.**



**“These chemicals come directly from the pollution scrubbers of the phosphate fertilizer manufacturing plants.”**

## **What do you really know about fluoridation?**

**The chemicals used for fluoridation are not manufactured in a laboratory under**

strict conditions as most people, including doctors and dentists, believe. These chemicals come directly from the pollution scrubbers of the phosphate fertilizer manufacturing plants. “...waste products of the fertilizer industry are now used in 90% of fluoridation programs.”

*Congressional testimony by J. William Hirzy, Ph.D., June 29, 2000*

**Dr. William Marcus, Senior Science Advisor and toxicologist in the Office of Drinking Water, was fired by EPA for demanding an independent analysis of Congress-ordered toxicological data that was reclassified by EPA when fluoride was definitively linked to cancer. Dr. Marcus was reinstated after a court found that the EPA destroyed documents and lied about evidence in the case.**

*The Fredrick Post; Fredrick, Maryland, February 14, 1994*

**Existing data indicate that subsets of the population may be unusually susceptible to the toxic effects of fluorides.** These populations include the elderly, diabetics, people with deficiencies of calcium, magnesium, and/or vitamin C, and people with cardiovascular and kidney problems.

*A Toxicological Profile by the U.S. Dept. of Health and Human Services, Public Health Service, April 1993*

**Judge John P. Flaherty, now the Chief Justice of the Pennsylvania Supreme Court, in his review of a case never overturned on the merits, came to this conclusion about fluoridation:** “In my view, the evidence is quite convincing that the addition of sodium fluoride to the public water supply at one part per million is extremely deleterious to the human body, and, a review of the evidence will disclose that there was no convincing evidence to the contrary...”

**Judge Anthony Farris in Texas found:** “[That] the artificial fluoridation of public water supplies, such as contemplated by {Houston} City ordinance No. 80-2530 may cause or contribute to the cause of cancer, genetic damage, intolerant reactions, and chronic toxicity, including dental mottling, in man; that the said artificial fluoridation may aggravate malnutrition and existing illness in man...”

*Congressional testimony by J. William Hirzy, Ph.D., June 29, 2000*

**Read Dr. Hirzy’s testimony before the US Senate Subcommittee at:  
[www.keepers-of-the-well.org/hearings-investigations.html](http://www.keepers-of-the-well.org/hearings-investigations.html)**