

# LB 1387

Senator Hansen has taken recent research and data about fluoride into consideration when it comes to Nebraska's fluoridation mandate. LB 1387 removes the mandate, leaving the authority up to the people.

- Place a limit on the level of fluoride in Nebraska's water. Fluoride levels can't exceed 0.7 mg/liter of water.
- Beginning January 2025, each city and village must pass an ordinance through the vote of the people in a general election in order to fluoridate their water. If no ordinance is passed, the water will not be fluoridated.

## 10 FACTS ABOUT FLUORIDE

### 1. Most developed countries do not fluoridate water

More people drink artificially fluoridated water in the U.S. alone than in the rest of the world combined. For instance, 97% of western Europe does not fluoridate their water.

### 2. Fluoridated countries do not have less tooth decay than non-fluoridated countries.

The United States has had a large decline in tooth decay over the past 60 years. However, the same decline in tooth decay has occurred in all developed countries, most of which have never added fluoride to their water.

### 3. Fluoridation is not a natural process

The main fluoride chemical (fluorosilicic acid) that is added to water is a corrosive acid captured in the air pollution control devices of the phosphate fertilizer industry. It is the most contaminated chemical added to public water supplies.

### 4. Fluoride Supplements have never been approved by the FDA

Because of fluoride's toxicity, you can only buy a fluoride "supplement" if you have a doctor's prescription. The only fluoride supplements the FDA has reviewed, have been rejected.

### 5. Fluoride is the only Medicine added to public water

Fluoride is the only chemical/drug added to water that doesn't actually treat the water. This is why most European nations reject fluoridation. In their view, water supply is an inappropriate way to deliver medicine. It forces people to take a drug.

### 6. Disadvantaged communities are the most disadvantaged by fluoride.

The conditions that make people more vulnerable to fluoride toxicity are more prevalent in poor communities than affluent ones. The most fluoridated state (Kentucky), suffers the highest rate of tooth loss (44%) while the least fluoridated state (Hawaii) suffers the lowest rate of tooth loss (16%).

## Health Risks

### 7. Fluoride affects many tissues in the body besides the teeth

According to toxicologist Dr. John Doull and the National Academy of Science, the safety of fluoridation remains unsettled. Recent reports conclude that fluoride is an endocrine disruptor and can affect the bones, the brain, the thyroid gland, the pineal gland and blood sugar levels.

### 8. 40% of American teenagers show visible signs of fluoride over-exposure

According to a recent national survey by the CDC, 40% of teenagers have a condition called dental fluorosis caused by fluoride's interference with the tooth forming cells. Children now receive fluoride from many sources besides tap water, leading to over exposure.

### 9. For infants, fluoridated water provides no benefits, only risks

A baby's blood brain barrier is not fully developed at birth, and this allows fluoride, a neurotoxin, access to the brain. Over 30 studies have associated elevated fluoride exposure with neurological impairment in children and lower IQ. Infants also have an impaired ability to excrete fluoride through their kidneys, causing their body to hold onto 30% more fluoride than adults.

### 10. Swallowing fluoride provides little benefit to teeth

Back in the 1940's, the medical profession believed fluoride needed to be ingested. Today, the CDC acknowledges that fluoride's topical contact provides the main benefit.