

The Proposal by Northumberland County Council to “Explore” Water Fluoridation

**Joy Warren, BSc. (Hons) Environmental Science
Coordinator West Midlands Against Fluoridation
Joint Coordinator, UKFFFA
3rd March 2020**



UK Freedom From Fluoride Alliance

“... speaks truth to power.”

Dental Fluorosis



“Very Mild”



“Mild”



“Moderate”



“Severe”

Fluoride causes dental decay

New Research by a Dental College (New York)

“Fluoride exposure alters Ca^{2+} signaling and mitochondrial function in enamel cells.”

Francisco J. Aulestia *et al.* (2020). *Science Signaling* 18 Feb 2020: Vol. 13, Issue 619,

- <https://stke.sciencemag.org/content/13/619/eaay0086>

Fluoride causes dental decay

Fluorosed teeth, according to the lead researcher, are more prone to dental decay.

Fluoride causes dental decay

Fluoride exposure when teeth still under the gum:

- (1) decreases in ER Ca^{2+} content and store-operated Ca^{2+} entry into the ER,**
- (2) reduces the expression of genes encoding ER stress–response proteins, and**
- (3) results in mitochondrial dysfunction**

Dental Fluorosis



“Very Mild”



“Mild”



“Moderate”



“Severe”

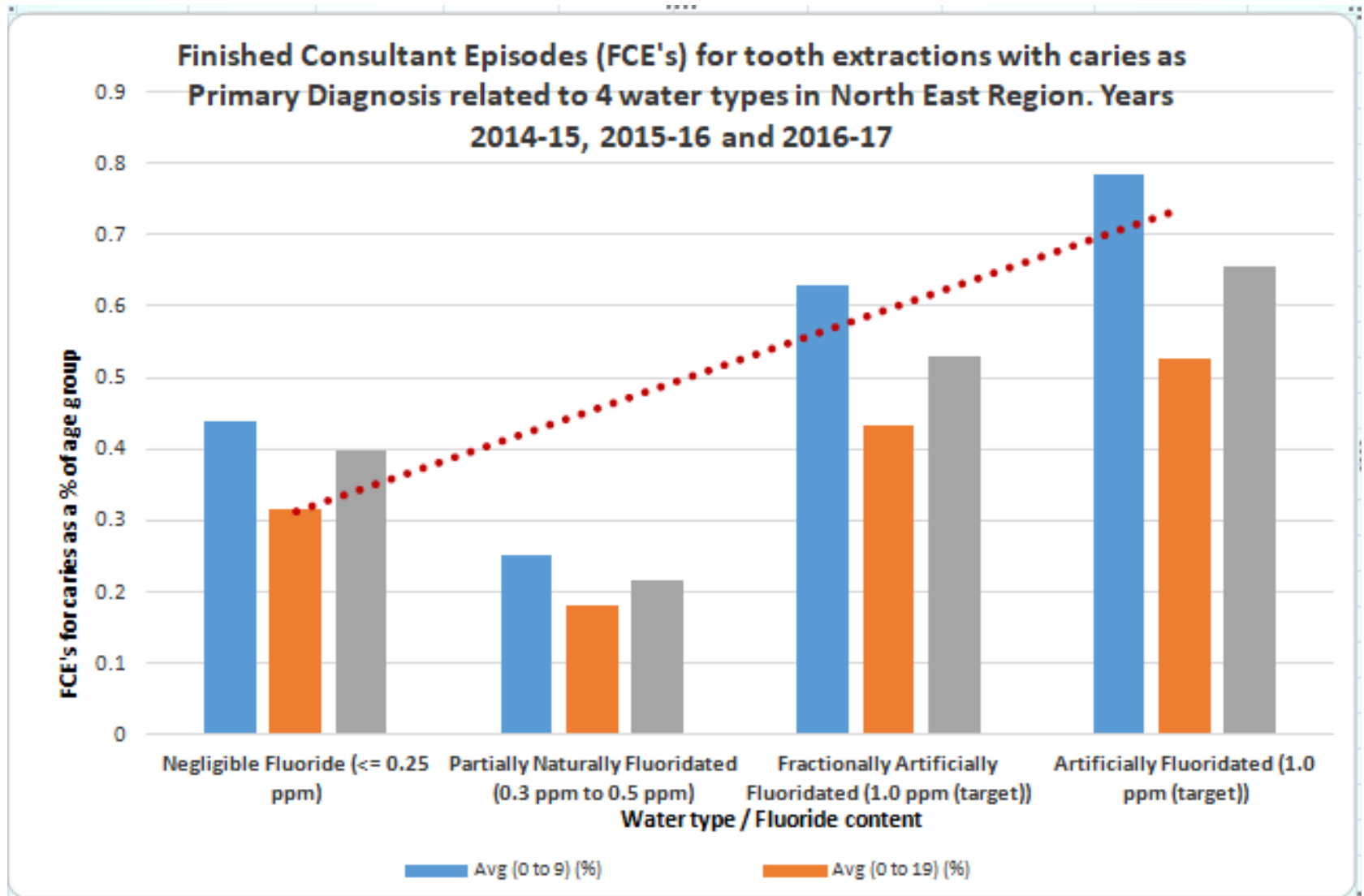
Systemic Toxicity

**Baroness Hayman's response, in a
Written Answer, for the Government:**

**"We accept that dental fluorosis is a
manifestation of systemic toxicity."**

(Hansard, 20 Apr 1999 : WA 158.).

Hospital Extractions Due to Dental Decay – North East Region



Fluoridation is universally unpopular

**English Newspaper polls
between 1988 and 2008
recorded a majority against
fluoridation IN EVERY CASE.**

Fluoridation is universally unpopular

In Southampton in 2009,
72% of respondents to the
Public Consultation
rejected Fluoridation

Fluoridation is Universally Unpopular

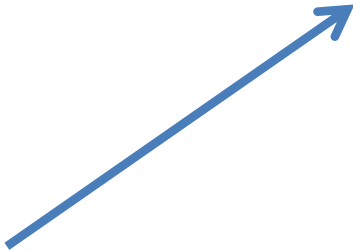
Three of the **50 reasons** against WF are:

- Fluoridated water is a **compulsory medicine**.
- Water fluoridation is the biggest **waste of money** - ever.
- Published proof implicates fluoride as the cause of a significant **reduction in human intelligence** due to fluoride exposure when in the womb and during infancy.

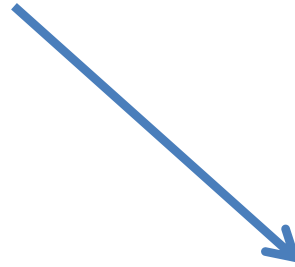
Fluoride is Compulsory Medicine

- Three Courts of Law have confirmed that fluoridated water is a medicine.
- The dose is uncontrolled which goes against all pharmacological principles.
- No medical monitoring
- Over-exposure
- Babies are definitely over-exposed

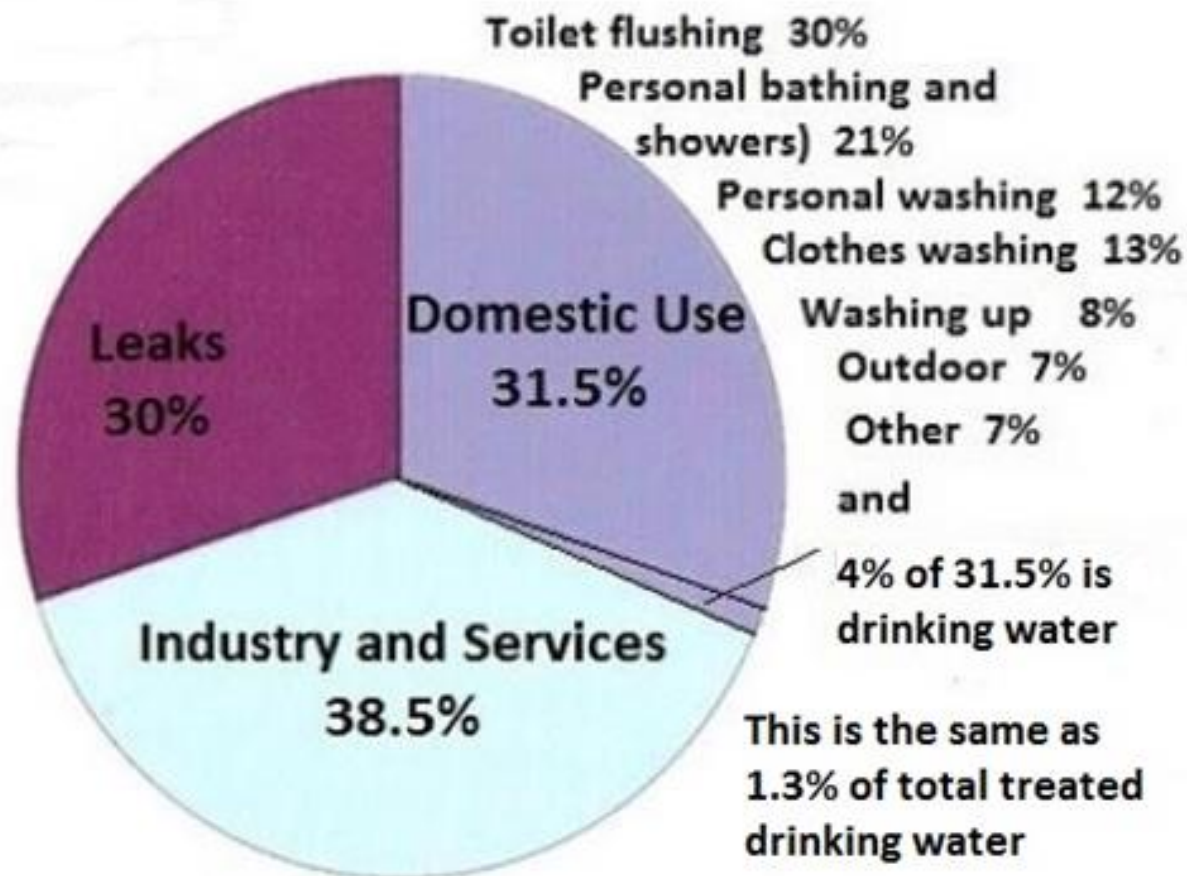
FLUORIDE



TEA LEAVES



ENZYME POISON



Data provided by Southern Water (UK), National Statistics, WaterUK and WaterWise and accessed in 2009 during the Southampton Water Fluoridation proposal which was initiated by the local health authorities.

**ONLY 1.3% OF FLUORIDATED WATER
IS DRUNK IN HOUSEHOLDS**

**98.7% FLUORIDATED WATER IS
WASTED**

98.7% FLUORIDE IS WASTED

Water fluoridation

is m💧ney
d💧wn the
drain.



Of every **£100,000** spent by the
UK's fluoridating councils, **£99,700**
is totally wasted.

Over-Exposure of Babies to Fluoride

Committee on Toxicity's Recommendation:

A 6-month-old baby should only drink a max. of
0.05 mg fluoride/kilo bodyweight/day

An 8 kg baby should only drink a maximum of
0.4 mg fluoride/day

In reality, the baby drinks

1 mg fluoride/day

= 0.6 mg fluoride = Over-exposure

Result: reduced intelligence and Dental Fluorosis

Over-Exposure of babies to Fluoride

Maximum:

0.05 mg fluoride/kilo bodyweight/day

It causes Dental Fluorosis which is a
“manifestation of systemic toxicity”.

It reduces intelligence.

**COUNTY COUNCILS AND
LOCAL AUTHORITIES HAVE A
LEGAL DUTY OF CARE TO
ALL THEIR CONSTITUENTS**

**EXPOSURE TO
FLUORIDE IN THE WOMB AND
EXPOSURE TO
FLUORIDE IN BABY FORMULA
BOTH REDUCE A CHILD'S
INTELLIGENCE**

**1 mg Fluoride per litre
= Reduction in Intelligence
by 4 + IQ points**

Fluoride is a
Presumed Developmental
Neurotoxin

When it becomes a

Known

**Developmental Neurotoxin,
it will join the same category
as **LEAD****

Fluoridating Local Authorities

No Insurance

No Indemnity

Failure in Duty of Care

**Failure to observe the Precautionary
Principle**

Water Fluoridation

No public demand

Compulsory medicine

Reduces intelligence

Causes dental fluorosis

Wastes public money