What Will We Cover Today?

- Who is promoting water fluoridation and why?
- Where are the non-fluoridated communities in my county and where can I find this information?
- Has fluoridation been in the news lately in Florida?
Who is Promoting Fluoridation and Why?

- Fluoridation – optional in Florida


- By 2060 - U.S. population age 65+ will double
Who is Promoting Fluoridation and Why? - continued

**Tooth decay remains one of the most common childhood conditions**

- 36.7% of children ages two to eight experience caries
- 21.3% of children ages six to eleven experience caries
- 14.5% of children ages two to eight have untreated caries
- 5.6% of children ages six to eleven have untreated caries

*Data according to the National Institute of Dental Craniofacial Research (NIDCR)*
Who is Promoting Fluoridation and Why? (continued)

National Level


- The American Dental Association (ADA) through publications like *Fluoride: Nature’s Cavity Fighter* and the *Fluoridation Facts* publication: [www.ada.org/](http://www.ada.org/)

- American Academy of Pediatrics through the Campaign for Dental Health: [http://ilikemyteeth.org/](http://ilikemyteeth.org/)
Fluoridation Resources

Campaign for Dental Health
“Life is better with Teeth”
Myths & Facts
Responses to Common Claims about Community Water Fluoridation

<table>
<thead>
<tr>
<th>The TRUTH</th>
<th>FALSE CLAIMS</th>
<th>FACTS about CWF</th>
</tr>
</thead>
</table>
| Fluoride occurs naturally in water, though rarely at the optimal level to protect teeth. | “Fluoride doesn’t belong in drinking water.” | • Fluoride exists naturally in virtually all water supplies and even in various brands of bottled water.  
• There are proven benefits for public health that come from having the optimal level of fluoride in the water—just enough to protect our teeth. In 2011, federal health officials offered a new recommended optimal level for water fluoridation: 0.7 parts per million.  |
| Numerous scientific studies and reviews have recognized fluoride as an important nutrient for strong healthy teeth. | “Adding fluoride is forced medication.” | • Fluoride is not a medication. It is a mineral and when present at the right level, fluoride in drinking water has two beneficial effects: preventing tooth decay and contributing to healthy bones.  
• U.S. court decisions have rejected the argument that fluoride is a medication that should not be allowed in water.  
• The American Journal of Public Health summarized one of these rulings, noting that “fluoride isn’t a medication, but rather a nutrient found naturally in some areas but deficient in others.”  
• There are several examples of how everyday products are fortified to enhance the health of Americans—iodine is added to salt, folic acid is added to breads and cereals, and Vitamin D is added to milk. |
| Fluoridation is the most cost effective way to prevent tooth decay and promote healthy communities. | “Our city council can save money by ending fluoridation of our water system.” | • A community that stops fluoridating, or one that has never started, will find that local residents end up spending more money on decay-related dental problems. Evidence shows that for most cities, every $1 invested in CWF saves $38 in unnecessary treatment costs.  
• A Texas study confirmed that the state saved $38 per child, per year in Medicaid expenditures because of the cavities that were prevented by drinking fluoridated water.  
• A Colorado study showed that water fluoridation saved the state nearly $149 million by avoiding unnecessary treatment costs. The study found that the average savings were roughly $61 per person. |

Fluoridation: Tap in to Your Health Resources and Materials for Building a Fluoridation Campaign

Resource Materials
Many successful campaigns to initiate or retain community water fluoridation were the results of efforts by a coalition of many community members, oftentimes including local dental societies, health organizations and local government. The Centers for Disease Control and Prevention, Division of Oral Health, includes in its Infrastructure Development Tools information for partnerships and coalitions, including framework best practices and a community toolbox. These materials are a great resource for building a coalition.

Fluoridation Facts is the ADA’s premier resource on community water fluoridation. This booklet is a comprehensive encyclopedia of fluoridation facts taken from over 350 scientific references...

http://www.astdd.org/docs/02-ada-fl-toolkit.pdf
Fluoridation in Florida

State Level

• Florida Department of Health – www.flhealth.gov/fluoridation
• Florida Dental Hygiene Association – www.fdha.org
• Florida Dental Association – https://www.floridadental.org/public/the-importance-of-water-fluoridation

Local Level

• Oral Health Florida – http://oralhealthflorida.org
Fluoridation at the Local Level
Where are the non-fluoridated areas?

CDC – My Water’s Fluoride –

Florida Department of Health -
www.flhealth.gov/fluoridation

Contact Your Local Municipality – (i.e. City of Tallahassee) or review the Annual Water Quality Report
## Orange County – Eastern Regional Water System

<table>
<thead>
<tr>
<th>Inorganic Contaminants</th>
<th>Date of Sample</th>
<th>MCL (Maximum Contaminant Level) Violation Y/N</th>
<th>Level Detected</th>
<th>Range of Results</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contaminant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium</td>
<td>3/2014</td>
<td>N</td>
<td>20.0</td>
<td>N/A</td>
<td>N/A</td>
<td>160</td>
<td>Salt Intrusion/leaching from soil</td>
</tr>
<tr>
<td>Fluoride</td>
<td>3/2014</td>
<td>N</td>
<td>0.695</td>
<td>N/A</td>
<td>4.0</td>
<td>4.0</td>
<td>Erosion of natural deposits; discharge from fertilizer and aluminum factories; water additive which promotes strong teeth</td>
</tr>
</tbody>
</table>
## Fluoridation in the News

### 2015 Updates on Fluoride Campaigns

<table>
<thead>
<tr>
<th>Community</th>
<th>Fluoridation Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Niceville</td>
<td>Fluoridated</td>
</tr>
<tr>
<td>Boynton Beach</td>
<td>Fluoridated</td>
</tr>
<tr>
<td>Eustis</td>
<td>Fluoridated</td>
</tr>
<tr>
<td>Port Orange</td>
<td>Fluoridated</td>
</tr>
</tbody>
</table>
Fluoridation in the News (continued)

2016 Updates on Fluoride Campaigns So Far

<table>
<thead>
<tr>
<th>Community</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake City</td>
<td>Yes - March/2016</td>
</tr>
<tr>
<td>Collier County</td>
<td>Yes - May/2016</td>
</tr>
<tr>
<td>Wellington</td>
<td>Yes - June/2016</td>
</tr>
<tr>
<td>Flagler County</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Palm Coast</td>
<td>Coming Soon</td>
</tr>
<tr>
<td>Dade City</td>
<td>Coming Soon</td>
</tr>
</tbody>
</table>
Contact Information

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Public Health Dental Program

Questions/Comments about the Public Health Dental Program Water Fluoridation Project