



Community Water Fluoridation Resources

April 20, 2013
National Oral Health Conference

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Division of Oral Health



Saving Money through Prevention

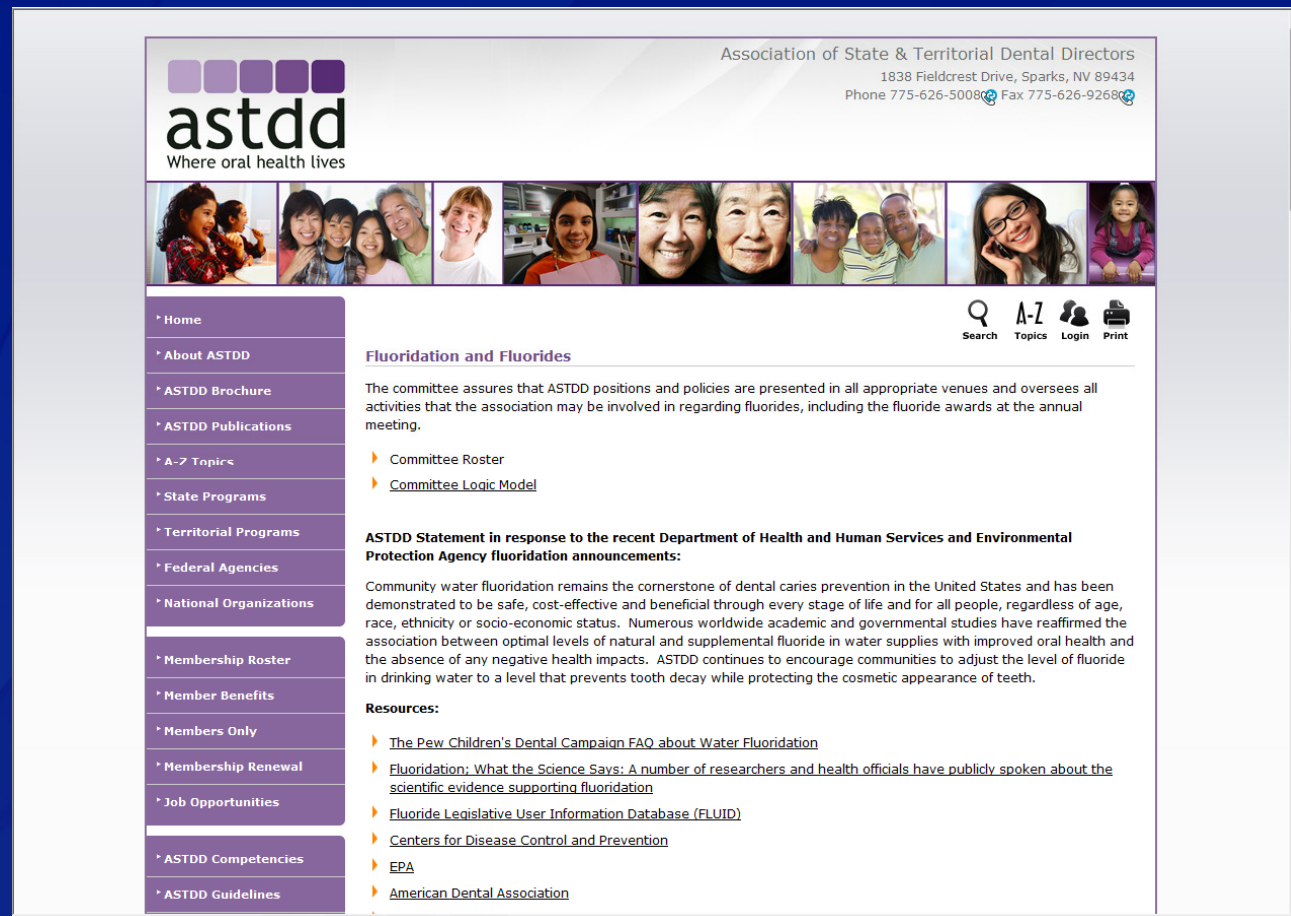


CDC promotes proven methods as the most effective, common-sense way to prevent disease, improve health, and lower health costs.

Primary Resources

- Association of State & Territorial Dental Directors (ASTDD)
- American Academy of Pediatrics (AAP)
- American Academy of Pediatric Dentistry (AAPD)
- American Dental Association (ADA)
- American Water Works Association (AWWA)
- Campaign for Dental Health (iLikeMyTeeth.org/fluoridation)/Pew Children's Dental Campaign
- Centers for Disease Control and Prevention (CDC)
- Children's Dental Health Project (CDHP)
- Fluoride Science
- National Association of Local Boards of Health (NALBOH)

Association of State and Territorial Dental Directors



The screenshot displays the website for the Association of State & Territorial Dental Directors (ASTDD). The header includes the ASTDD logo with the tagline "Where oral health lives" and contact information: 1838 Fieldcrest Drive, Sparks, NV 89434; Phone 775-626-5008; Fax 775-626-9268. A navigation menu on the left lists various sections such as Home, About ASTDD, Publications, Topics, State Programs, Territorial Programs, Federal Agencies, National Organizations, Membership Roster, Member Benefits, Members Only, Membership Renewal, Job Opportunities, ASTDD Competencies, and ASTDD Guidelines. The main content area is titled "Fluoridation and Fluorides" and contains the following text:

The committee assures that ASTDD positions and policies are presented in all appropriate venues and oversees all activities that the association may be involved in regarding fluorides, including the fluoride awards at the annual meeting.

- ▶ [Committee Roster](#)
- ▶ [Committee Logic Model](#)

ASTDD Statement in response to the recent Department of Health and Human Services and Environmental Protection Agency fluoridation announcements:

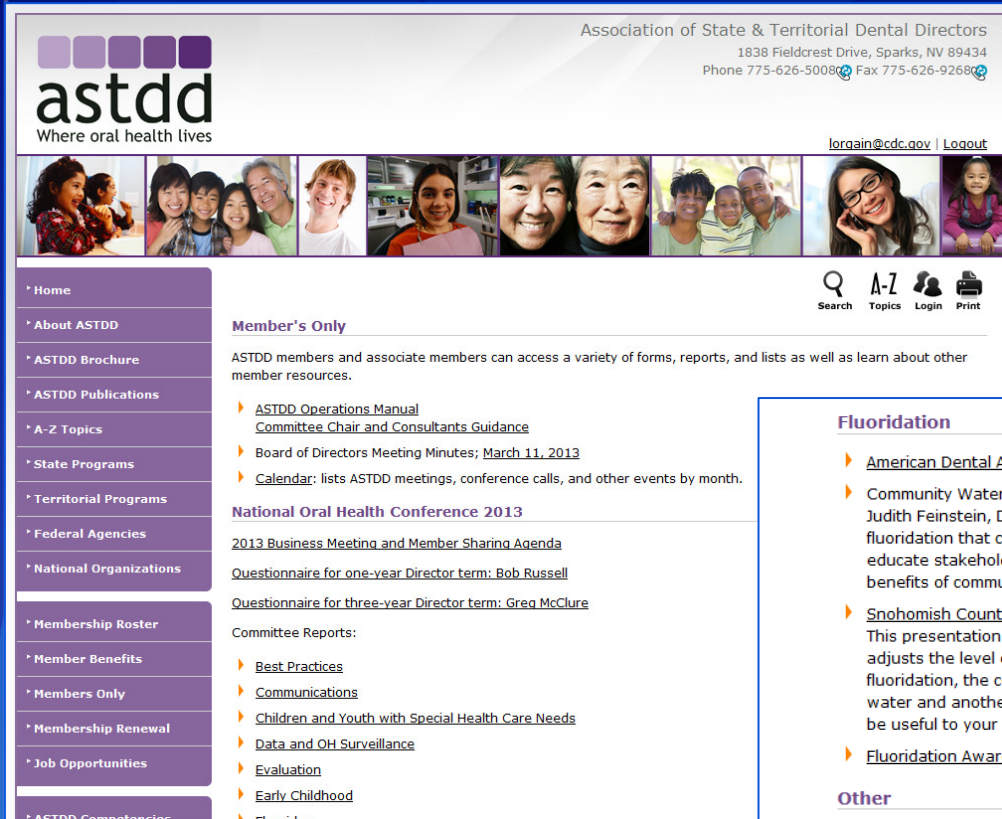
Community water fluoridation remains the cornerstone of dental caries prevention in the United States and has been demonstrated to be safe, cost-effective and beneficial through every stage of life and for all people, regardless of age, race, ethnicity or socio-economic status. Numerous worldwide academic and governmental studies have reaffirmed the association between optimal levels of natural and supplemental fluoride in water supplies with improved oral health and the absence of any negative health impacts. ASTDD continues to encourage communities to adjust the level of fluoride in drinking water to a level that prevents tooth decay while protecting the cosmetic appearance of teeth.

Resources:

- ▶ [The Pew Children's Dental Campaign FAO about Water Fluoridation](#)
- ▶ [Fluoridation: What the Science Says: A number of researchers and health officials have publicly spoken about the scientific evidence supporting fluoridation](#)
- ▶ [Fluoride Legislative User Information Database \(FLUID\)](#)
- ▶ [Centers for Disease Control and Prevention](#)
- ▶ [EPA](#)
- ▶ [American Dental Association](#)

<http://www.astdd.org/fluoridation-and-fluorides-committee/>

Association of State and Territorial Dental Directors



The screenshot shows the homepage of the Association of State and Territorial Dental Directors (ASTDD). At the top left is the ASTDD logo with the tagline "Where oral health lives". To the right, the organization's name and address (1838 Fieldcrest Drive, Sparks, NV 89434) are listed, along with phone and fax numbers. Below this is a navigation bar with "logain@cdc.gov" and a "Logout" link. A horizontal strip of photos shows diverse people, including children and adults. Below the photos is a search bar and icons for "A-Z Topics", "Login", and "Print". The main content area is titled "Member's Only" and provides information for members, including links to manuals, meeting minutes, and a calendar. A sidebar on the left contains a menu with categories like "Home", "About ASTDD", "ASTDD Brochure", "ASTDD Publications", "A-Z Topics", "State Programs", "Territorial Programs", "Federal Agencies", "National Organizations", "Membership Roster", "Member Benefits", "Members Only", "Membership Renewal", "Job Opportunities", and "ASTDD Competencies".

astdd
Where oral health lives

Association of State & Territorial Dental Directors
1838 Fieldcrest Drive, Sparks, NV 89434
Phone 775-626-5008 | Fax 775-626-9268

logain@cdc.gov | Logout

Search A-Z Topics Login Print

Member's Only

ASTDD members and associate members can access a variety of forms, reports, and lists as well as learn about other member resources.

- ▶ [ASTDD Operations Manual](#)
- ▶ [Committee Chair and Consultants Guidance](#)
- ▶ Board of Directors Meeting Minutes; [March 11, 2013](#)
- ▶ [Calendar](#): lists ASTDD meetings, conference calls, and other events by month.

National Oral Health Conference 2013

- ▶ [2013 Business Meeting and Member Sharing Agenda](#)
- ▶ [Questionnaire for one-year Director term: Bob Russell](#)
- ▶ [Questionnaire for three-year Director term: Greg McClure](#)

Committee Reports:

- ▶ [Best Practices](#)
- ▶ [Communications](#)
- ▶ [Children and Youth with Special Health Care Needs](#)
- ▶ [Data and OH Surveillance](#)
- ▶ [Evaluation](#)
- ▶ [Early Childhood](#)
- ▶ [Fluorides](#)

Member's Section

Fluoridation

- ▶ [American Dental Association Community Water Fluoridation Kit](#)
- ▶ [Community Water Fluoridation: Advantages and Benefits](#) (February 2012)
Judith Feinstein, Director of the Oral Health Program in Maine, has developed a [PowerPoint presentation](#) on fluoridation that can be used as a template and adapted by state oral health programs and other organizations to educate stakeholders such as coalitions, water plant operators, or other groups about the advantages and benefits of community water fluoridation.
- ▶ [Snohomish County Fluoridation Presentation PowerPoint](#) (June 2012) ([Video of Presentation to City Council](#))
This presentation was made to a city council that owns and manages the local public drinking water system that adjusts the level of fluoride for protection from tooth decay. In this case, after receiving numerous inquiries about fluoridation, the council requested one speaker to address the rationale for maintaining fluoride in the drinking water and another for discontinuing it. You are welcome to use and adapt the PowerPoint presentation as might be useful to your organization.
- ▶ [Fluoridation Awards Database](#)

Other

- ▶ [CDC Cooperative Agreement Year 4 Final Report](#) (November 2012)
- ▶ [Contact the ASTDD Central Office](#) for electronic copies of the state oral health program template fact sheets for fluoridation & sealants.
- ▶ [Improving Coordination Across the CDC National Center for Chronic Disease Prevention and Health Promotion's \(NCCDPHP\) State-Based Programs](#): Rethinking how we do things and broadening our impact. (June 2012)
This PowerPoint, presented on a June 13, 2012 CDC webinar, presented key messages about Center-wide efforts to enhance coordination across NCCDPHP's state-based programs, and updates about the launch of the Coordinated

ASTDD Member's Section ADA Community Water Fluoridation Kit

ASTDD Publications	<p>Prevention and Interprofessional Relations (CAPIR), the members of the National Fluoridation Advisory Committee as well as constituent executive directors. We strongly urge everyone to begin with the "Getting Started" file and then proceed to the "Introduction" file as that document outlines everything in the kit. Many of the toolkit materials are editable files to allow for easy adaptation for your communities, such as insertion of local or state statistics and quotes from coalition leaders.</p> <p>We hope ASTDD members will feel free to share the kit with county or local health departments as the need arises. Their ability to share it with these constituents will allow for collaborative efforts on campaigns.</p>
A-Z Topics	
State Programs	
Territorial Programs	
Federal Agencies	
National Organizations	
Membership Roster	
Member Benefits	
Members Only	
Membership Renewal	
Job Opportunities	
ASTDD Competencies	
ASTDD Guidelines	
Basic Screening Survey	
Best Practices	
National Oral Health Surveillance System	
Program Support	
Policy Statements	
State Activities	
Synopsis of State Programs 2012 (ASTDD.org)	
Synopsis of State Programs 2009 (CDC.gov)	

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- [1. Getting Started](#)
- [2. Introduction](#)
- [3. Fluoridation Facts](#)
- [4. Training Programs](#)
- [5. Ten Reasons to Fluoridate](#)
- [6. Ten Reasons to Fluoridate sources](#)
- [7. Statements from leading organizations](#)
- [8. FAQs](#)
- [9. Responses to Misconceptions](#)
- [10. News Stories](#)
- [11. Fluoridation Presentation](#)
- [12. Sample Public Testimony](#)
- [13. Opinion Letter](#)
- [14. Fluoridation Press Release Template](#)
- [15. Fluoridation Ordinance](#)
- [16. Social Media Tips](#)
- [17. Campaign Summary-Aiken](#)
- [18. Campaign Summary-Collier County](#)
- [19. Campaign Summary-San Diego](#)
- [20. Fluoridation Infographic](#)
- [21. Sample Social Media Postings](#)

Member's Section



Tap in to Your Health: Fluoridation Toolkit Getting Started

This tool kit is intended for informational purposes, to provide you with background and assistance from the American Dental Association in getting started on building a community water fluoridation campaign.

The ADA has created a number of materials to support efforts to initiate or retain community water fluoridation. All of these materials are available as a toolkit on ADA Connect for downloading. Some of the materials are background information for you, and others are created so that they can be customized with specific local information and distributed publicly. Please view the document titled "Toolkit Intro" for the list of materials that can be publicly distributed and customized with local information, as these materials are available in an editable document format. After customization, it is possible and suggested to remove the ADA copyright so that the materials become those of the entire coalition.

The ADA stands ready to assist you. We strongly urge you to seek technical assistance from the staff of the ADA Council on Access, Prevention and Interprofessional Relations (CAPIR) for collaborative efforts.

American Dental Association



10 Reasons to Fluoridate Public Water

Single most effective public health measure to prevent tooth decay. The Centers for Disease Control and Prevention (CDC) has proclaimed community water fluoridation one of 10 great public health achievements of the 20th century.

Centers for Disease Control and Prevention. "Ten Great Public Health Achievements – United States, 1990–1999." *MMWR* 1999;48(12):241-3.

Natural. Fluoride is already present in all water sources, even the oceans. Water fluoridation is simply the adjustment of fluoride that occurs naturally in water to a recommended level for preventing tooth decay.

Similar to fortifying other foods and beverages. Water that has been fluoridated is similar to fortifying salt with iodine, milk with vitamin D, orange juice with calcium and bread with folic acid.

Prevents dental disease. It is the most efficient way to prevent one of the most common childhood diseases – dental decay. An estimated 51 million school hours are lost each year due to dental-related illness.

Gitl, H.C. "Oral Health Outcomes Research: Challenges and Opportunities." In Slade, G.D., ed., *Measuring Oral Health and Quality of Life*. Chapel Hill, NC: Department of Dental Ecology, University of North Carolina 1997:25-46.

Protects all ages against cavities. Studies show that community water fluoridation prevents at least 25 percent of tooth decay in children and adults, even in an era with widespread availability of fluoride from other sources, such as fluoride toothpaste.

"Griffin S.O., et al. "Effectiveness of Fluoride in Preventing Caries in Adults." *J Dent Res* 2007;86(5):410-415.

"Task Force on Community Preventive Services. "Promoting Oral Health: Interventions for Preventing Dental Caries, Oral and Pharyngeal Cancers, and Sports-related Oropharyngeal Injuries: A Report on Recommendations of the Task Force on Community Preventive Services." *MMWR*. 001301(RR21)11-13. View information at thecomunityguide.org/oral/fluoridation.html and cdc.gov/mmwr/preview/mmwrhtml/mm5211a.htm

Safe and effective. For more than 65 years, the best available scientific evidence consistently indicates that community water fluoridation is safe and effective.

Saves money. The average lifetime cost per person to fluoridate a water supply is less than the cost of one dental filling. For most cities, every \$1 invested in water fluoridation saves \$38 in dental treatment costs.

Griffin S.O., Jones, K., Tomar, S.L. "An Economic Evaluation of Community Water Fluoridation." *J Public Health Dent* 2001;61(2):78-86.

Recognized by more than 100 organizations. The American Dental Association (ADA) as well as the U.S. Public Health Service, the American Medical Association, the World Health Organization and more than 125 national and international organizations recognize the public health benefits of water fluoridation.

ADA Fluoridation Facts Compendium. Available at ADA.org/4378.aspx

Availability of fluoridation continues to grow. In the United States, 73.9 percent of the population on public water systems receive fluoridated public water, or a total of 204 million people.* This is an increase of almost nine percent from 2000. The Healthy People 2020 goal is for 70 percent of the population on public water

- Official ADA policies and statements in support of CWF
- Statements from 10 leading health authorities
- Water fluoridation ordinance
- Media kit including general fact sheet, [10 Reasons to Fluoridate Public Water](#), and support statements

www.ada.org/fluoride.aspx

ADA Fluoridation Resources

- » [Recent Fluoridation Issues](#)
- » [ADA Fluoridation Resources](#)
- » [ADA Publications](#)
- » [Fluoridation Facts](#)
- » [Fluoridation Awards](#)
- » [ADA Fluoridation Policy & Statements](#)
- » [Internet Resources](#)

Fluoridation Facts

Fluoridation Facts contains answers to frequently asked questions regarding community water fluoridation. This 71-page booklet is a comprehensive encyclopedia of fluoridation facts with over 350 scientific references. Fluoridation Facts includes information from scientific research in an easy to use question and answer format on the topics of effectiveness, safety, practice and cost-effectiveness of fluoridation. Additionally, the booklet contains a Compendium of more than 125 "National and International Organizations That Recognize the Public Health Benefits of Community Water Fluoridation for Preventing Dental Decay."

- [View Fluoridation Facts](#)

Statements from Ten Leading Health Authorities Regarding Community Water Fluoridation

This one-page item encapsulates the statements on fluoridation made by ADA, CDC, AMA, AAP, US Surgeon General, ASTDD, AAPHD, APHA, WHO and IADR.

- [View Statements from Ten Leading Health Authorities Regarding Community Water Fluoridation \(PDF\)](#)

Fluoridation Ordinance—Suggested Provisions

This document contains suggested elements that provide a starting point for communities looking to enact a fluoridation ordinance. Be sure to consult with an attorney as you finalize your local ordinance.

- [View Fluoridation Ordinance—Suggested Provisions \(PDF\)](#)

Media Press Kit

For more in-depth information on community water fluoridation, please view our electronic press kit which combines text, video and other images into one, easy-to-navigate format.

- [Media Press Kit](#)

» [Return to Top](#)

Evidence-based Clinical Recommendations

- [Professionally-Applied Topical Fluoride](#)
- [Professionally-Applied Topical Fluoride \(Executive Summary\) \(PDF\)](#)
- [Chairside Guide: Topical Fluoride \(PDF\)](#)

» [Return to Top](#)

Fluoridation Facts

Centers for Disease Control and Prevention

- Basic information on CWF benefits and safety
- Fact Sheets
- Questions and Answers on HHS proposed recommendation
- *My Water's Fluoride* with information on the fluoridation status of water systems in the U.S.

The screenshot shows the CDC website page for Community Water Fluoridation. The page is titled "Community Water Fluoridation" and is part of the "Oral Health Home" section. It features a navigation menu on the left with options like "Benefits", "Safety", "Statistics", "Engineering and Operations", "Other Fluoride Products", "Fact Sheets", "Guidelines and Recommendations", "Journal Articles", and "Related Links". The main content area includes an "Overview" section with a photo of a child drinking from a water fountain and text stating that for 65 years, community water fluoridation has been a safe and healthy way to effectively prevent tooth decay. Below this, there are sections for "Featured Items" and "Changes Proposed to Nation". A prominent feature is the "My Water's Fluoride" section, which includes a search bar for water system names and a map of the United States showing the fluoridation status of various states. The map is color-coded, with blue indicating fluoridated areas and other colors for non-fluoridated areas. The page also includes a search bar at the top right and a "CDC Home" link at the bottom right.

Centers for Disease Control and Prevention

- Engineering fact sheets
- Training Program
- Poster for water plant operators

The screenshot shows a web browser window displaying the CDC website page for Engineering and Operations in Community Water Fluoridation. The page is titled "Engineering and Operations" and is part of the "Community Water Fluoridation" section. The browser's address bar shows the URL "http://www.cdc.gov/fluoridation/engineering.htm".

The page content includes a navigation menu on the left with categories like "View by Topic" (Benefits, Safety, Statistics, Engineering and Operations, Other Fluoride Products, Fact Sheets, Guidelines and Recommendations, Journal Articles, Related Links) and "Limited Access" (Water Fluoridation Reporting System). Below the menu is a "FLU.GOV" banner with the text "Know what to do about the flu." and a "VISIT FLU.GOV" button.

The main content area is titled "Engineering and Operations" and lists "Activities include—" with a bulleted list of resources: "Water Fluoridation Training Programs", "My Water's Fluoride", "Engineering and Administrative Recommendations for Water Fluoridation", "Water Fluoridation Reporting System", "Technical Assistance to State Programs", "Awards for Outstanding Fluoridation Efforts", "Water Facility Operator Fluoridation Poster", and "Additional Resources".

Below the activities is a "Resources" section with a sub-heading "Water Fluoridation Training Programs". This section features an image of a CD-ROM and a text block stating: "CDC provides water fluoridation training designed to build the capability of state fluoridation programs and to help water treatment professionals develop and refine their skills related to operations. Courses include a 3-day annual training on the Principles and Practice of Water Fluoridation and a newly developed 6-hour water plant operator training course template designed for use by state fluoridation programs. More information on these training programs may be found at the CDC-sponsored training page." Below this text is a "Back to Top" link.

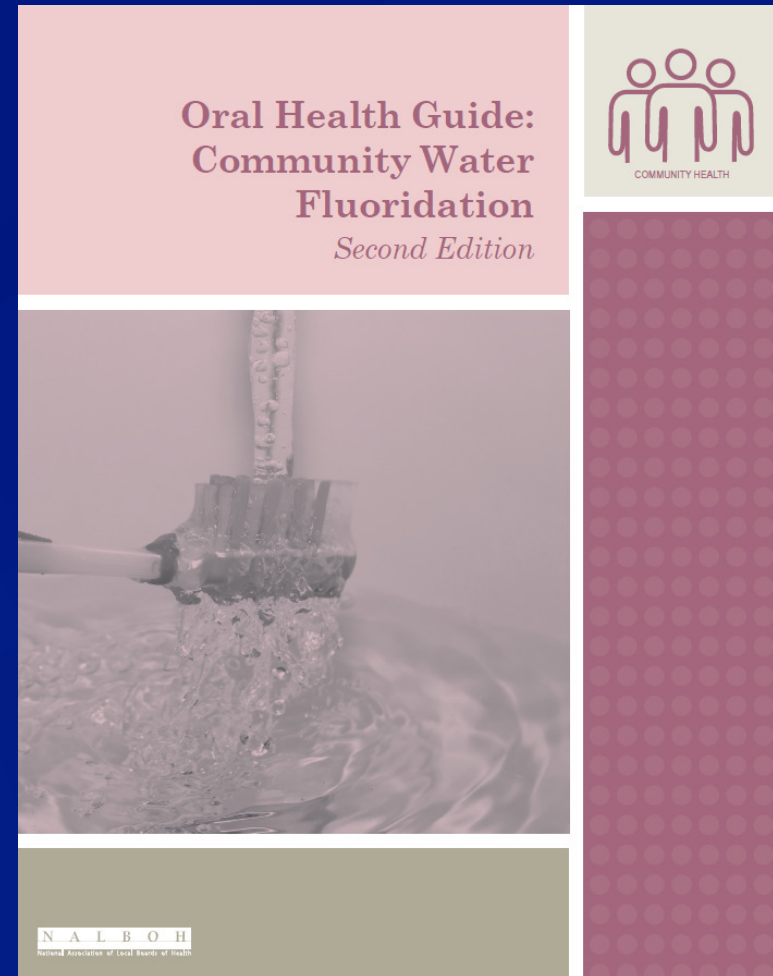
The next section is "My Water's Fluoride", which includes an image of a water tap and a text block: "My Water's Fluoride (MWF) helps consumers in participating states to learn basic information about their water system, including the number of people served by the system and the target fluoridation level. Information for MWF is provided on a voluntary basis by states that participate in the Water Fluoridation Reporting System (WFRS). More than 39 state health departments and two tribal organizations currently participate in My Water's Fluoride. [Oral Health Maps](#) provides geographic analysis of water fluoridation on a state or county level." Below this text is another "Back to Top" link.

The final section is "Engineering and Administrative Recommendations for Water Fluoridation", which includes an image of a poster and a text block: "Engineering and Administrative Recommendations for Water Fluoridation, 1995. *MMWR*, September 29, 1995;44(RR-13):1-40 (PDF-338KB)".

The browser's status bar at the bottom shows "Done", "Trusted sites | Protected Mode: Off", and the system clock "3:52 PM 4/11/2013".

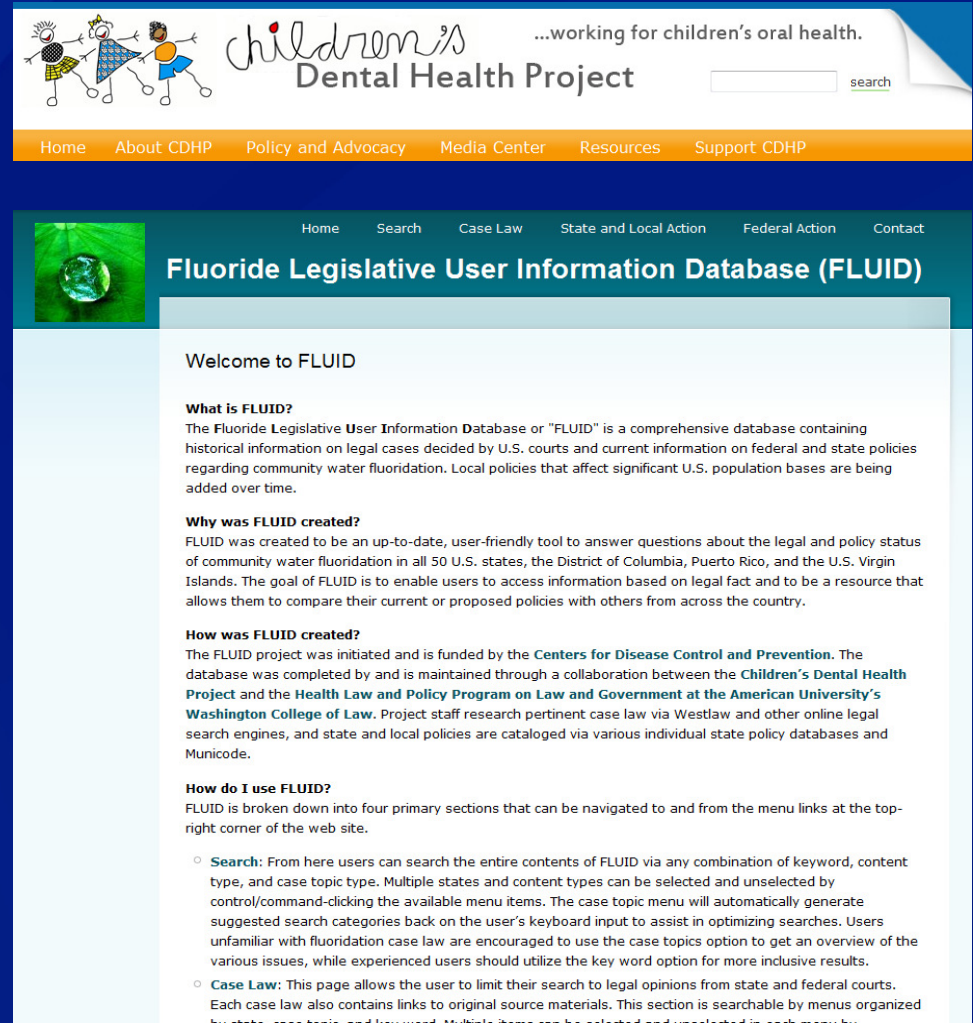
National Association of Local Boards of Health

- Board of Health Opportunities and Best Practices
- Board of Health Examples
- FAQs
- Oral Health Resources



Children's Dental Health Project

- Fluoride Legislative User Information Database (FLUID)
- Historical information on legal cases
- Current information on federal and state policies regarding fluoridation



The screenshot displays the website for the Children's Dental Health Project. At the top, there is a logo with three stylized children and the text "children's Dental Health Project" and "...working for children's oral health." Below the logo is a search bar. A navigation menu includes links for Home, About CDHP, Policy and Advocacy, Media Center, Resources, and Support CDHP. The main content area features a sub-header "Fluoride Legislative User Information Database (FLUID)" with a small image of a globe. The text on the page provides a welcome message and detailed information about the FLUID database, including its purpose, creation, and how to use it.

Welcome to FLUID

What is FLUID?
The Fluoride Legislative User Information Database or "FLUID" is a comprehensive database containing historical information on legal cases decided by U.S. courts and current information on federal and state policies regarding community water fluoridation. Local policies that affect significant U.S. population bases are being added over time.

Why was FLUID created?
FLUID was created to be an up-to-date, user-friendly tool to answer questions about the legal and policy status of community water fluoridation in all 50 U.S. states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. The goal of FLUID is to enable users to access information based on legal fact and to be a resource that allows them to compare their current or proposed policies with others from across the country.

How was FLUID created?
The FLUID project was initiated and is funded by the **Centers for Disease Control and Prevention**. The database was completed by and is maintained through a collaboration between the **Children's Dental Health Project** and the **Health Law and Policy Program on Law and Government at the American University's Washington College of Law**. Project staff research pertinent case law via Westlaw and other online legal search engines, and state and local policies are cataloged via various individual state policy databases and Municode.

How do I use FLUID?
FLUID is broken down into four primary sections that can be navigated to and from the menu links at the top-right corner of the web site.

- **Search:** From here users can search the entire contents of FLUID via any combination of keyword, content type, and case topic type. Multiple states and content types can be selected and unselected by control/command-clicking the available menu items. The case topic menu will automatically generate suggested search categories back on the user's keyboard input to assist in optimizing searches. Users unfamiliar with fluoridation case law are encouraged to use the case topics option to get an overview of the various issues, while experienced users should utilize the key word option for more inclusive results.
- **Case Law:** This page allows the user to limit their search to legal opinions from state and federal courts. Each case law also contains links to original source materials. This section is searchable by menus organized by state, case topic, and key word. Multiple items can be selected and unselected in each menu by

Pew Children's Dental Campaign

- Network of children's and oral health advocates supporting community water fluoridation
- ilikemyteeth.org Website

life is better
WITH TEETH

Log In

ISSUES LOCAL CAMPAIGNS NEWS & REPORTS BLOG ABOUT US CONTACT

what's needed?
Fluoridation
Access
Education

The power of
fluoridation

Adding fluoride to community water supplies reduces tooth decay — significantly. Even if you brush with fluoridated toothpaste, you'll get a lot more cavity protection with fluoridated water. Surprised?
[FIND OUT MORE](#)

JOIN US

Get fact sheets, t-shirts, downloadable signage and more.

Report: Falling Short: Most States Lag On Dental Sealants
January 11, 2013

Pew's report finds that most states are not doing enough to use sealants, which are plastic coatings that are brushed onto molars — the most cavity-prone teeth among children. Sealants prevent 60% of tooth decay at only one-third the cost of a

Fluoride Is Effective: A Summary of the Research

Decades of research confirm the benefits of water fluoridation. Some people may question the value of fluoridating water at a time when fluoride toothpaste is widely used and children can get fluoride treatments from dentists. The following peer-reviewed studies and reports answer this question because many of them were conducted within the past 20 years — when both fluoride toothpaste and fluoride treatments were widely available. This research demonstrates the crucial, added protection against tooth decay that fluoridated water provides. The following research is only a small sample of studies confirming the value of fluoridating public water systems. (Click [here](#) to download a PDF version of this web page).

ISSUES LOCAL CAMPAIGNS NEWS & REPORTS BLOG ABOUT US CONTACT



1. Fluoridation reduces tooth decay among

* The U.S. Task Force on Community Preventive Services and concluded (2000) that fluoridated water among children of ages 4 to 17.

* A study of **Alaska** children (2011), conducted had a 32% higher rate of decayed, missing or

* A study of **Illinois** and **Nebraska** children (among kids in the in the two non-fluoridated using fluoridated toothpaste.

* A **Nevada** study (2010) examined teenage risk factors associated with high rates of dec

* A study of more than 17,000 **Australian** ch and after eruption (i.e., when teeth first appe fluoride is the only effective way to secure fu

2. Fluoridation also protects adults' teeth

* Nine studies were analyzed (2007) in the Jc fluoridation reduced decay by 27%. The co- and this lack of coverage "increases the nee

* A study in the American Journal of Public He decay) less likely 40 or 50 years later when t

* A study of nearly 3,800 adults in **Australia**

Fluoridation
How Fluoride Works
Fluoride Questions
Fluoride Myths and Facts
What Opponents Say
Expert View on Fluoridation
Health & Medical Authorities
Savings from Fluoridation
Is Toothpaste Enough?
Fluoride and IQs
The Fluoridation Trend
Fluoride Is Effective
Access
Education

ISSUES LOCAL CAMPAIGNS NEWS & REPORTS BLOG ABOUT US

Home » Fluoridation » Fluoride Myths and Facts

Fluoride Myths and Facts

Opponents Claim:
"Fluoride doesn't belong in drinking water."

The Truth:
Fluoride occurs naturally in water, though rarely at the optimal level to protect teeth.

- The Facts**
- It's already there. Fluoride exists naturally in virtually all water supplies and even in various brands of bottled water. If the people making this statement truly believed it, they would no longer drink water or grape juice — or eat shellfish, meat, cheese or other foods that contain trace levels of fluoride.
 - What's at issue is the amount of fluoride in 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. That's our goal: getting just enough to help all of us keep our teeth longer.

Opponents Claim:
"Adding fluoride is like forcing people to take medication"

The Truth:
Numerous scientific studies and reviews have recognized fluoride as an important nutrient for strong healthy teeth.

- The Facts**
- 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 is not 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

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Community Water Fluoridation
Preventing Tooth Decay for a Lifetime Two Ways



When children are young, fluoride that is swallowed enters the bloodstream and combines with calcium and phosphate as the tooth is formed under the gums.



These teeth are more resistant to decay throughout childhood and the teenage years.

For people of all ages, fluoride in beverages and foods mixes with the saliva.



Saliva neutralizes acid produced by bacteria on teeth, and the fluoride heals the teeth and protects them from further decay.



Sign-up for access to more resources and information

American Academy of Pediatric Dentistry

Parent Brochure

Official Policy

Policy on Use of Fluoride

Originating Committee

Liaison with Other Groups Committee

Review Council

Council on Clinical Affairs

Adopted

1967

Revised

1978, 1995, 2000, 2001, 2003, 2007, 2008, 2012

Reaffirmed

1977

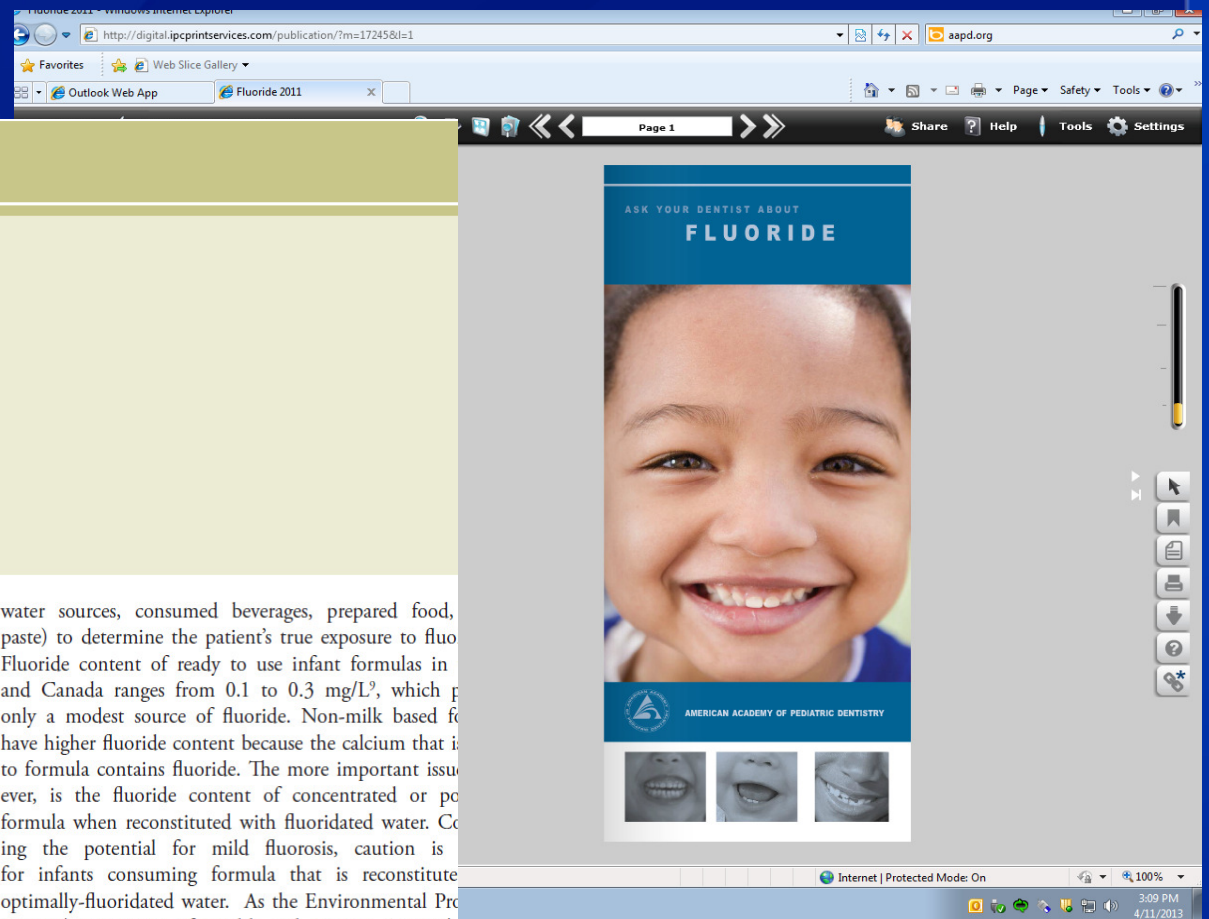
Purpose

The American Academy of Pediatric Dentistry (AAPD), affirming that fluoride is a safe and effective adjunct in reducing the risk of caries and reversing enamel demineralization, encourages public health officials, health care providers, and parents/caregivers to optimize fluoride exposure.

Methods

A MEDLINE search was conducted using the terms "fluoride", "fluoridation", "acidulated phosphate fluoride", "fluoride varnish", "fluoride therapy", and "topical fluoride". Expert opinions and best current practices also were relied upon for this policy.

water sources, consumed beverages, prepared food, (paste) to determine the patient's true exposure to fluoride. Fluoride content of ready to use infant formulas in the United States and Canada ranges from 0.1 to 0.3 mg/L⁹, which provides only a modest source of fluoride. Non-milk based formulas have higher fluoride content because the calcium that is added to formula contains fluoride. The more important issue, however, is the fluoride content of concentrated or powdered formula when reconstituted with fluoridated water. Considering the potential for mild fluorosis, caution is advised for infants consuming formula that is reconstituted with optimally-fluoridated water. As the Environmental Protection Agency/Department of Health and Human Services'



American Academy of Pediatrics

- Oral Health Web page
- State Oral Health Advocates
- Risk assessment and fluorides

American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN™

Children's Oral Health

PRINT

Search

Home > Oral Health Practice Tools

Oral Health Practice Tools

Incorporate oral health into your practice with these easy-to-use tools and resources. Learn how to perform an oral health risk assessment, nutrition and oral hygiene counseling, and to apply fluoride varnish when needed as a vital part of the well child exam.

- **How Should I Set Up My Practice To Include Oral Health?**
 - Oral Health Practice Models
 - Infant Oral Health Model in a Federally Funded Family Health Center Setting
 - Electronic Health Record Template To Include Oral Health *New!*
- **What Do I Need To Apply Fluoride Varnish in My Office?**
 - Where To Get Varnish Materials, Dental Mirrors, and Head Lamps. (41 MB)
 - Oral Health Supplies for the Exam Room (25 KB)
 - After Varnish Instructions for Families in English and Other Languages (Spanish, Russian, Cambodian, Somali, Oromo, Vietnamese, Hmong) (651 KB)
- **How and When Do I Provide an Oral Exam and Risk Assessment?**
 - AAP/Bright Futures Recommendations for Preventive Pediatric Health Care
 - Oral Health Risk Assessment Tool
 - Chart Stickers in English and Spanish (102 KB)
 - Bright Smiles from Birth Training Video
- **How Much Fluoride Do My Patients Need?**
 - American Dental Association Topical Fluoride Decision Tool: Professionally Applied Topical Fluoride: Evidence-based Clinical Recommendations (57 KB)
 - American Dental Association Fluoride Supplementation Decision Tool: Dietary Fluoride Supplements: Evidence-based Clinical Recommendations (442 KB)
 - Evidence-Based Clinical Recommendations Regarding Fluoride Intake From Reconstituted Infant Formula and Enamel Fluorosis



BRIGHT FUTURES

Bright Futures is a national health promotion and disease prevention initiative that addresses children's health needs in the context of family and community. In addition to use in pediatric practice, many states implement Bright Futures principles, guidelines, and tools to strengthen the connections between state and local programs, pediatric primary care, families, and local communities. The Bright Futures Health Supervision Guidelines for Infants, Children, and Adolescents, 3rd Edition, includes strong oral health recommendations and the program is working to create tools to ease the implementation of oral health in to practice. View the new Oral Health Risk Assessment Tool tested through the Bright Futures Brightening Oral Health Project.

RESOURCES

- Protecting All Children's Teeth Curriculum
- Smiles for Life Curriculum



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OR

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To review a specific piece of research and the context for that research, enter any of the below.

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SEARCH

FLUORIDATION: What the Science Really Says

WHAT FLUORIDATION-RELATED RESEARCH QUESTIONS ARE BEING ADDRESSED?

CENTER FOR FLUORIDE RESEARCH ANALYSIS

Is there a correlation between bone fluoride levels and osteosarcoma?

Kim FM, Hayes C, Williams PL, Whitford GM, Joshipura KJ, Hoover RN, Douglass CW, National Osteosarcoma Etiology Group. An assessment of bone fluoride and osteosarcoma. *J Dent Res.* 2011;90(10):1171-6.

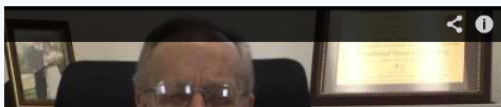
The purpose of this study was to evaluate whether fluoride levels in bone are associated with the occurrence of osteosarcoma.

Are there differences in incidence of osteosarcoma between Northern Ireland and the Republic of Ireland that could be related to their different drinking water fluoridation policies?

Comber H, Deady S, Montgomery E and Gavin A. Drinking water fluoridation and osteosarcoma incidence on the

Fluoride & Neurotoxicity

Dr. Gary Whitford of the Georgia Health Sciences University discusses findings on fluoride's effects on learning and memory.



Recent Reviews

**Relation between de
quotient in school cl**
The study found a pos
But based on this stud
determined. Potential c
pollutants are not acco
discussion.



American Association
of Public Health Dentistry

American Water Works Association

- Policy statement on support for fluoridation of public water supplies
 - Contacts for local sections
 - Communications toolkit for water operators/providers
- www.drinktap.org

The screenshot shows the American Water Works Association website. At the top, there is a navigation bar with links for Jobs, Standards, Journal AWWA, ACE13, About Us, and Contact Us, along with a SHOP icon. Below this is the AWWA logo and tagline, "The Authoritative Resource on Safe Water". To the right of the logo are buttons for LOG IN and JOIN. A secondary navigation bar contains links for MEMBERSHIP, CONFERENCES & EDUCATION, RESOURCES & TOOLS, PUBLICATIONS, and LEGISLATION & REGULATION, followed by a search bar with the text "Search awwa.org" and a GO button. Below the navigation bar are links for Join, Benefits, Get Involved, Sections: Your Local AWWA, and My Account. The main content area is titled "SECTION SERVICES" and includes a "LOCAL SECTIONS" link. The "Local Sections" page features a heading "Local Sections" and a sub-heading "Connect with your local AWWA section". Below this is a paragraph: "Learn about section conferences and find section contact information for all 43 AWWA sections across Canada, the US and Mexico." There are three orange buttons: "UPCOMING SECTION EVENTS", "SECTION CONTACTS", and "SEARCH ALL EVENTS". The "UPCOMING SECTION EVENTS" section lists three conferences: "Texas Section 2013 Annual Conference" (April 09, 2013 / Galveston, TX), "New York Section 2013 Annual Conference" (April 16, 2013 / Saratoga Springs, NY), and "British Columbia Section 2013 Annual Conference" (April 20, 2013 / Kelowna, BC Canada). The "SECTION CONTACTS" section is a table with columns for Section, Contact, and Phone.

Section	Contact	Phone
Alabama-Mississippi	Ken McCool Section Staff	(662) 719-7756 (888) 326-8995 (FAX)
Alaska	Angie Monteleone	(907) 561-9777

On the right side of the page, there are two advertisements. The top one is for "keopex.com" featuring a "Disinfect" Hypochlorite Metering System. The bottom one is for "ASHCROFT" with the tagline "The Big Name in Pressure Measurement" and features various pressure measurement instruments. A small logo for "Master of Science in ENVIRONMENTAL" is visible at the bottom right.

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



Office of the Director

Division of Oral Health, National Center for Chronic Disease Prevention and Health Promotion