

UTAH'S HEALTHCARE SAFETY NET SUMMIT



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Utah State Dental Director,

Oral Health Program Manager

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<http://health.utah.gov/oralhealth>

Oral Health Program Overview

Small Program, 1.5 FTE

- Part of the Division of Family Health and Preparedness
- State Dental Director, Oral Health Program Manager – Dr. Kim Michelson - 0.5 FTE

Also 0.5 FTE in the Family Dental Plan (FDP), Utah Department of Health, Assistant Clinical Director, Occupational Health Officer, mostly doing clinical dentistry. One day each month OR dentistry at Alta View for FDP.

- Oral Health Specialist –
Michelle Martin, MPH, RDH – 1 FTE



Organization and Activities the Oral Health Program Works with

Oral Health Coalition

Periodic Dental Surveys

School Base Sealant Programs

School Base Fluoride Varnish Programs

IBIS-PH (Indicator-Based Information System for Public Health)

Medicaid to improve access to oral health services in Utah

Safety net dental clinics, referral programs

WIC

Office of Home Visiting

Utah Dental Association and local districts

Utah Dental Hygienists' Association

Dental Schools and Dental Hygiene Schools

CDC Water Fluoridation Reporting System

Utah Diabetes Coalition

Utah Tobacco Free Alliance

Early Childhood Utah

Special Olympics

Refugee Advisory Committee

Local Health Departments

Association of State and Territorial Dental Directors

Children with Special Health Care Needs Clinics

Neonatal Clinics

Utah Disaster Identification Team

Water Fluoridation Training

Maintain Utah Fluoridation Website

National Oral Health Conference

Education to various groups

Responding to media requests

Answering questions from dental professionals and the public

Magnet that was designed by an intern working with the Oral Health Program's Oral Health Specialist, Michelle Martin. It is being used for Utah Head Start Home Visits, and also the Office of Home Visiting. One message is discussed each month with a one page handout on each topic.

KEEP YOUR CHILD CAVITY FREE

The infographic is a 4x3 grid of illustrations with text labels. The first row shows a tooth brushing with toothpaste, a soda can next to a tooth, and a juice carton. The second row shows a baby in a crib with a bottle, a sippy cup, and a baby bottle being replaced by a sippy cup. The third row shows a child at a dentist, a child sharing a spoon, and a child eating a cookie. The fourth row shows an adult brushing a child's teeth, a woman breastfeeding, and a pregnant woman with a dentist.

Brush with fluoride toothpaste 2x per day

Stop the pop

No more than 4 oz. of juice per day

Sleep without a bottle

Only water in Sippy cup

Wean off bottle by age 1

See dentist at age 1

Don't share utensils with children

Limit sugary snacks

Adult brushes child's teeth

Breastfeeding is highly recommended

It is safe to go to the dentist while pregnant

HEALTH

Oral Health Program
Office of Home Visiting/Head Start Collaboration

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Utah Oral Health Coalition

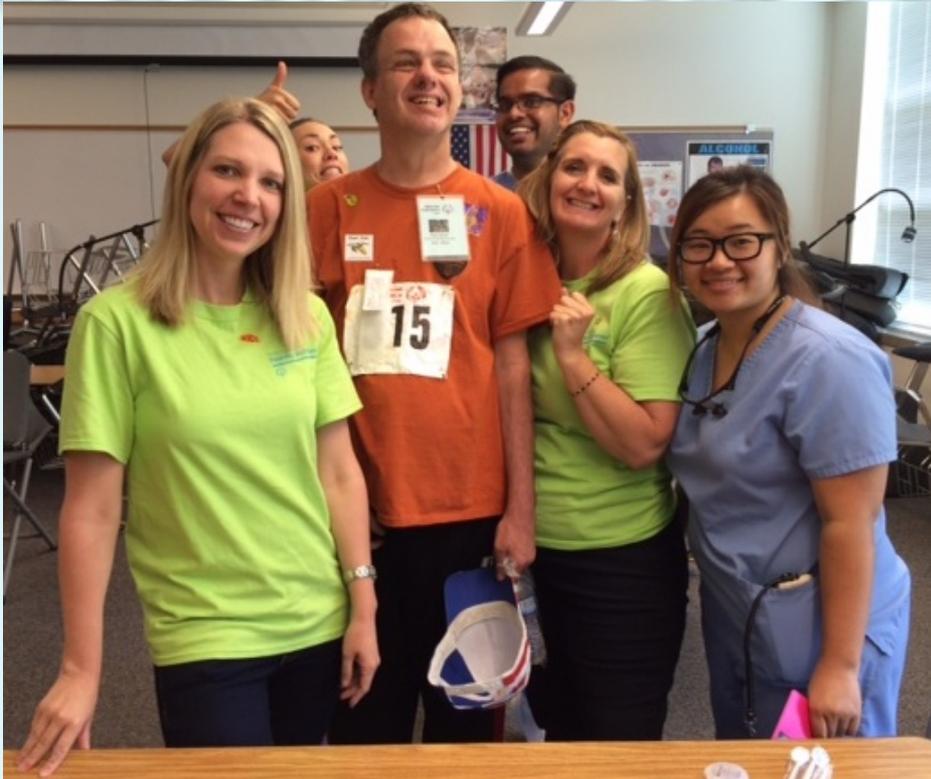
And Collaborations

A group of oral health related individuals from various programs, including safety net dental clinics, professional dental associations, referral programs, schools, government programs, dental hygienists, dentists, and other health care related programs and organizations.

About 40 to 45 usually in attendance. [List](#)

Entire group meets about 4 times a year.

HEALTHY SMILES FOR THE SPECIAL OLYMPICS ATHLETES



By Michelle Martin RDH, MPH

Slide courtesy of Michelle Martin RDH, MPH

Who Participates?

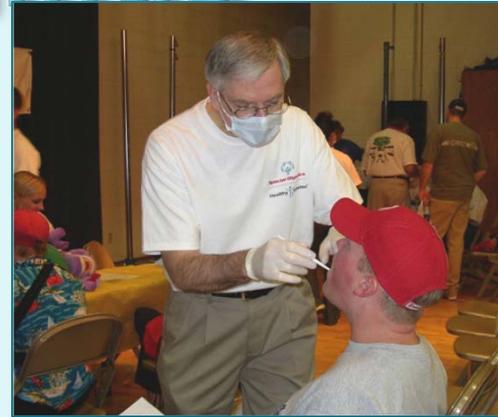
- ▣ Dental Hygiene Students
- ▣ Dental Students
- ▣ Dental Professional volunteers (RDH, DDS)



Slide courtesy of Michelle Martin RDH, MPH

Dental Screenings

- ▣ Basic screening
- ▣ Mirror
- ▣ Free electric *Shrek* toothbrush
- ▣ Sugar-free gum
- ▣ Fluoride varnish
- ▣ Stickers (they love these) ***



Dental Screenings “Follow-up”

- ▣ **Follow-up for those needing treatment has been a concern. Many adults and have no good dental coverage and insufficient funds to cover the cost of needed treatment.**

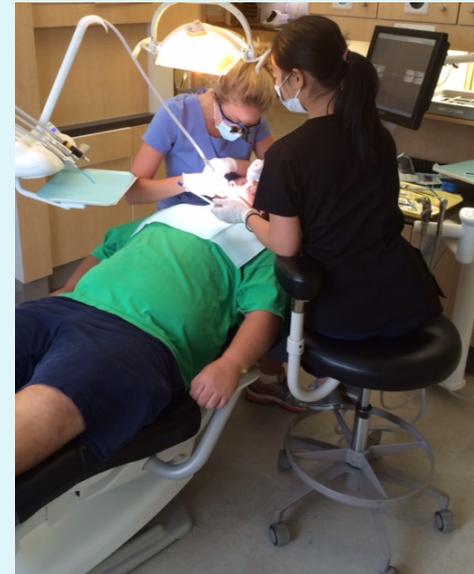
Partnering to meet the dental needs

- ❑ Salt Lake Donated Dental and UDOH Oral Health Program collaborated to help meet the unmet dental needs of these athletes.
- ❑ They recruited volunteer dental professionals.



What HAS BEEN DONE

- ▣ (as of 7.22.2014)
- ▣ Value of services:
\$19,579 +
- ▣ Number of athletes treated: 24
- ▣ Crowns- 1
- ▣ Sealants- 9
- ▣ Fillings- 32
- ▣ Prophys & Scaling- 14
- ▣ 7 dentures/partial plates



Slide courtesy of Michelle Martin RDH, MPH

Before & After - AWESOME!!!



Slide courtesy of Michelle Martin RDH, MPH

Oral Health Update

October 2014

Dental Caries (Tooth Decay)

- **Prevention**

 - Water Fluoridation**

 - Sealants**

 - Topical Fluoride Varnish Application**

 - Education and Good Home Care**

- **Treatment**

 - Restore the tooth or remove the tooth**



Dental Caries

CDC says: “Although dental caries are largely preventable, they remain the **most common chronic disease of children aged 6 to 11 years and adolescents aged 12 to 19 years**. Tooth decay is **four times more common than asthma among adolescents aged 14 to 17 years (1)**. Dental caries also affects adults, with 9 out of 10 over the age of 20 having some degree of tooth-root decay **(2)**.”

http://www.cdc.gov/healthywater/hygiene/disease/dental_caries.html

Water Fluoridation

CDC says: “For 65 years, community water fluoridation has been a safe and healthy way to effectively prevent tooth decay. CDC has recognized water fluoridation as one of 10 great public health achievements of the 20th century.”

<http://www.cdc.gov/fluoridation>

2012 Water Fluoridation Statistics (CDC)

United States	74.6%	<u>State Rank</u>
Utah	51.7%	42

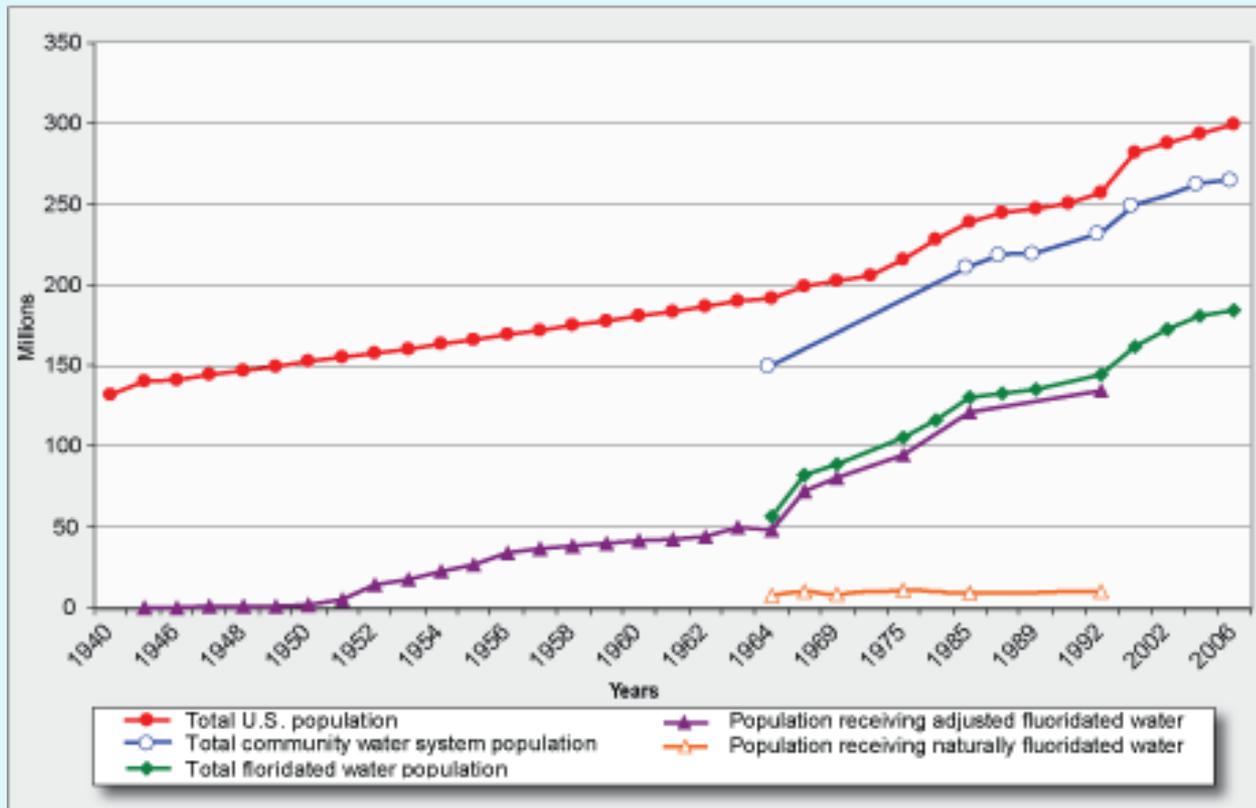
2012 Water Fluoridation Statistics (CDC)

<http://www.cdc.gov/fluoridation/statistics/2012stats.htm> State bordering UT

		<u>State Rank</u>	red = below average green = above average
United States	74.6%		
Utah	51.7%	42	
Idaho	36.1%	46	
Wyoming	43.6%	44	
Arizona	57.8%	38	
Colorado	72.4%	28	
Nevada	73.5%	27	
New Mexico	77.0%	25	
DC	100%	-	
Kentucky	99.9%	1	
Hawaii	10.8%	50	

Fluoridation Growth

Fluoridation Growth by Population, United States 1940–2006



From CDC website: <http://www.cdc.gov/nohss/FSGrowth.htm>

Utah Areas with Community Water Fluoridation

Salt Lake County
Davis County

Brigham City
Helper

Some areas in Utah naturally have enough fluoride in the water.

More details are at: health.utah.gov/oralhealth then click on My Waters Fluoride, then [Water Fluoridation Levels Guideline](#), or the CDC link.

Medicaid Dental

Medicaid Dental Reimbursement Rates Increased by 6% starting July 1, 2014.

There are 2 contracted plans for Dental for Salt Lake, Davis, Weber, and Utah counties which started on September 1, 2013.

- 1. Delta Dental**
- 2. Premier Access**

The rest of the state is covered through the state Medicaid office.

Medicaid Dental

CMS is currently undergoing efforts to improve oral health for Medicaid recipients.

[Medicaid.utah.gov](https://www.Medicaid.utah.gov)

[Medicaid.gov](https://www.Medicaid.gov)

School Based Sealant Programs



CDC says: “Sealants prevent tooth decay and also stop cavities from growing. The Surgeon General's report on oral health indicates that sealants can reduce decay in school children by more than 70 percent.”

School-based dental sealant delivery programs provide sealants to children unlikely to receive them otherwise. Such programs –

- Define a target population within a school district**
- Verify unmet need for sealants**
- Get financial, material, and policy support**
- Apply rules for selecting schools and students**
- Apply sealants at school or offsite in clinics**

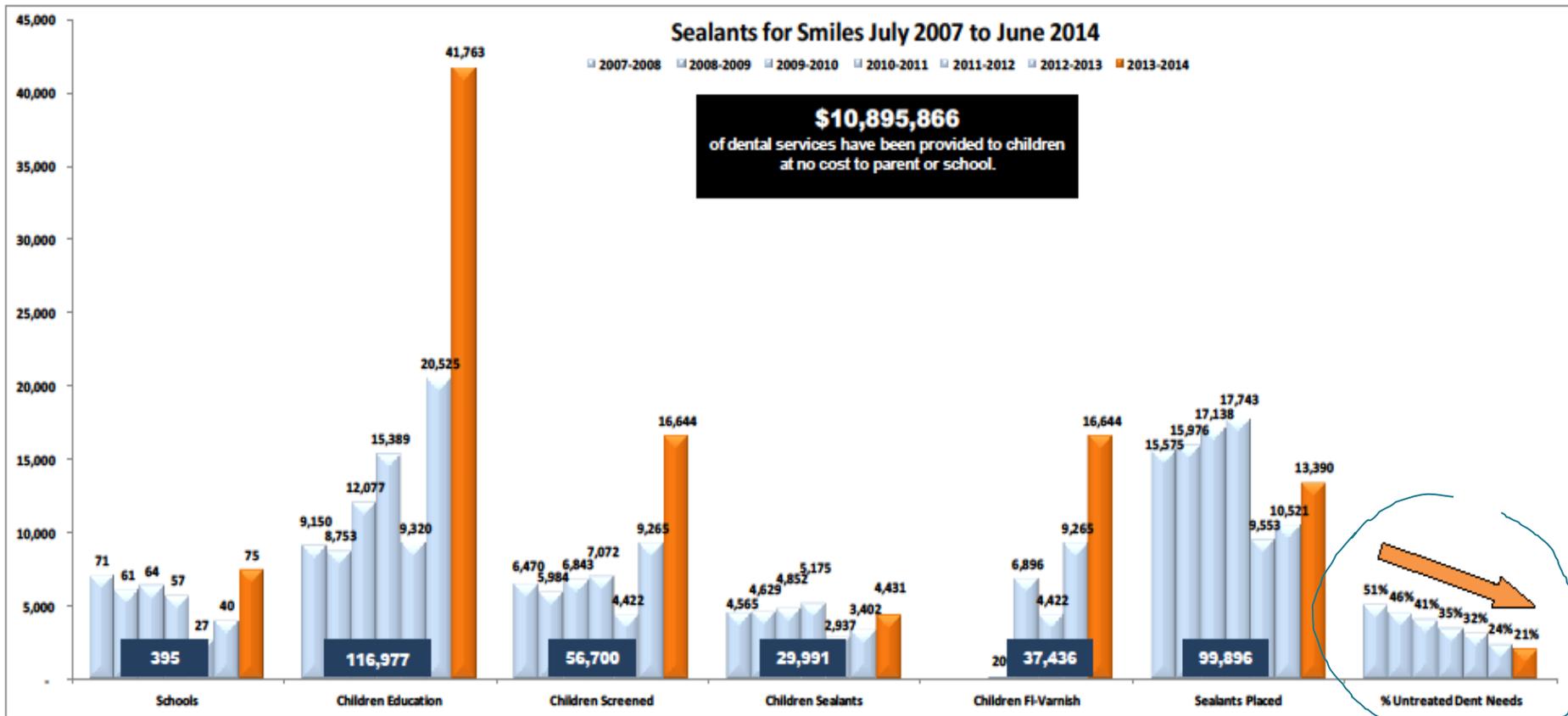
Utah: Sealants for Smiles

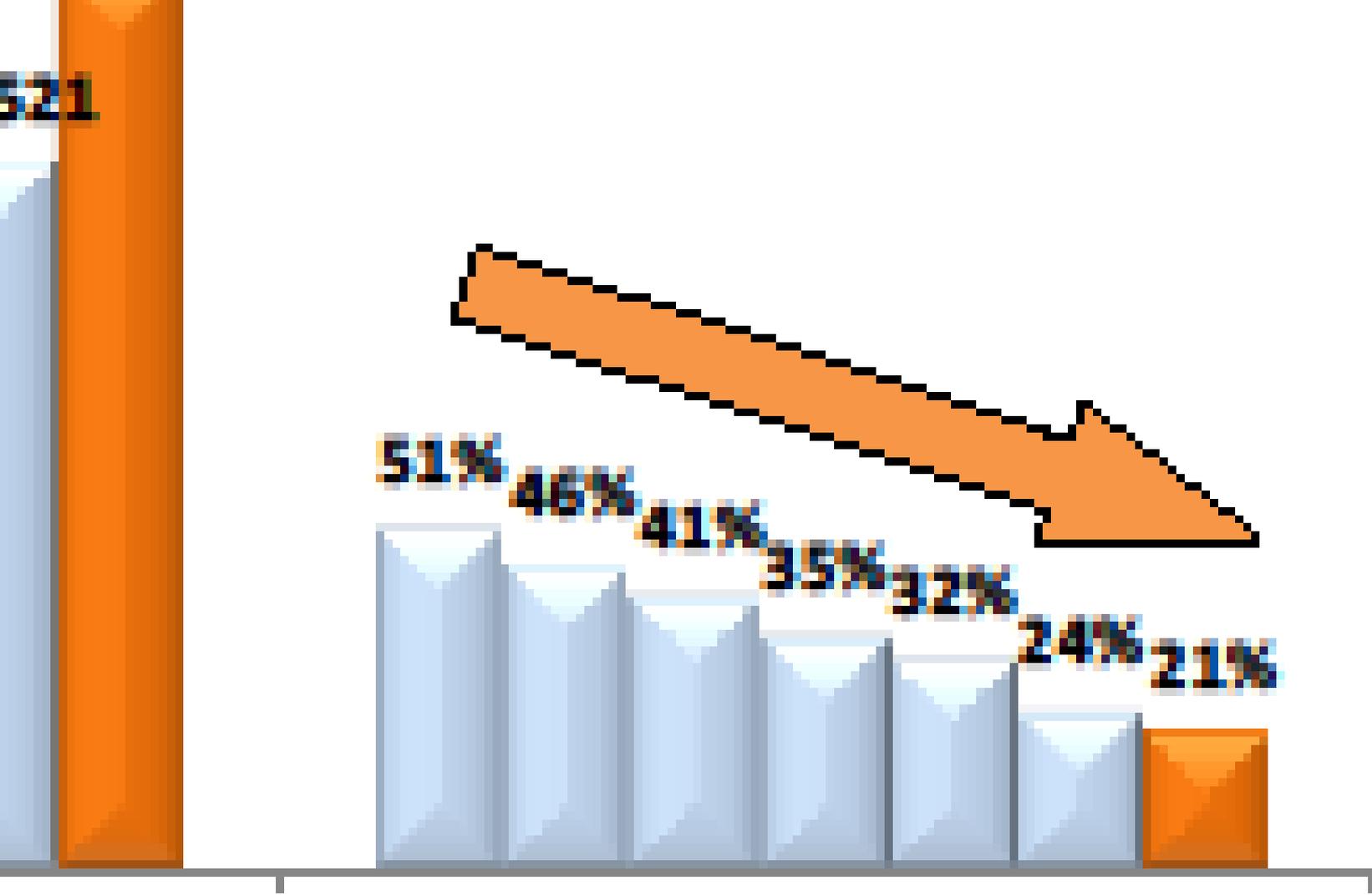
Sealants for Smiles®

7-Year Summary (July, 2007 - June, 2014)



- ☺ 395 School visits
- ☺ 116,977 Children Participated in Oral Health Education
- ☺ 56,700 Children have been evaluated by a Utah licensed dental professional
- ☺ 99,896 Dental Sealants have been placed on 29,795 at-risk Utah children
- ☺ \$10,895,866 worth of dental services have been provided at no cost to parents or schools
- ☺ Conservative estimate: More than \$200 Million Cost of Care prevented
- ☺ The "Unmet Dental Needs" of the children evaluated have decreased each – from 51% to 21%





% Untreated Dent Needs

How many safety net
dental clinics does Utah
have?

Probably about 45 or so.

Utah's Dental SAFETY NET Clinics & Resources

- UTAH STATE WIDE DENTAL SAFETY NET RESOURCES**
- Medicaid Program
 - Children Health Insurance Program (CHIP)
 - Head Start and Early Head Start Programs
 - Primary Care Network (PCN)
 - Regence Blue Cross/Blue Shield Caring Foundation for Children
 - Family Dental Plan Mobile Mission Program

- SALT LAKE COUNTY DENTAL SAFETY NET RESOURCES**
- The Christmas Box House
 - Dental House Calls Program
 - The Good Neighbor Children's Medical and Dental Charity
 - The Inner City Project Mission of the LDS Church
 - Magna Center for Family Medicine Foundation

- OGDEN, WEBER COUNTY**
- 1 - Family Dental Plan
 - 2 - Ogden Rescue Mission Dental Clinic
 - 3 - Weber State University Dental Hygiene Program
 - 4 - United Way Dental Program for Disadvantaged Children
 - 5 - Health Access Team
 - 6 - Midtown Community Health Center Dental Clinic

- LAYTON, DAVIS COUNTY**
- Midtown Community Health Center Dental Clinic

- SALT LAKE CITY, SALT LAKE COUNTY**
- 1 - Central City Community Health Center Dental Clinic
 - 2 - Family Dental Plan
 - 3 - Primary Children's Medical Center Dental Clinic
 - 4 - Salt Lake Community College Dental Hygiene Program
 - 5 - Salt Lake Donated Dental Services
 - 6 - Stephan D. Ratcliff Community Health Center Dental Clinic
 - 7 - University Health Care Dental Clinic
 - 8 - Mallheh Free Clinic
 - 9 - Fortis Dental Hygiene School
 - 10 - Sacred Circle Health Care

- TOOELE, TOOELE COUNTY**
- Healthy Smiles Dental Clinic

- WEST JORDAN, SALT LAKE COUNTY**
- South Valley Dental Associates

- SOUTH JORDAN, SALT LAKE COUNTY**
- Roseman School of Dentistry

- MIDVALE, SALT LAKE COUNTY**
- University Healthcare Dental Clinic at Greenwood Health Center

- CEDAR CITY, IRON COUNTY**
- Cedar City Clinic

- ST. GEORGE, WASHINGTON COUNTY**
- 1 - Family Dental Plan
 - 2 - Dixie College Dental Hygiene Program
 - 3 - Family Healthcare
 - 4 - The Doctors' Free Clinic of St. George

- GARDEN CITY, RICH COUNTY**
- Bear Lake Community Health Center Dental Clinic

- LOGAN, CACHE COUNTY**
- Cache Valley Community Health Center

- BRIGHAM CITY, BOX ELDER COUNTY**
- Utah Farmworkers Health Clinic

- VERNAL, UTAH COUNTY**
- TriCounty Dental Clinic

- FORT DUCHESNE, UTAH COUNTY**
- Fort Duchesne Indian Health Center

- HEBER CITY, WASATCH COUNTY**
- Wasatch Family Dental Clinic

- OREM, UTAH COUNTY**
- 1 - Mountain Ridge Dental
 - 2 - Mall Dental Group
 - 3 - Utah Valley University Dental Hygiene Program
 - 4 - Utah College of Dental Hygiene

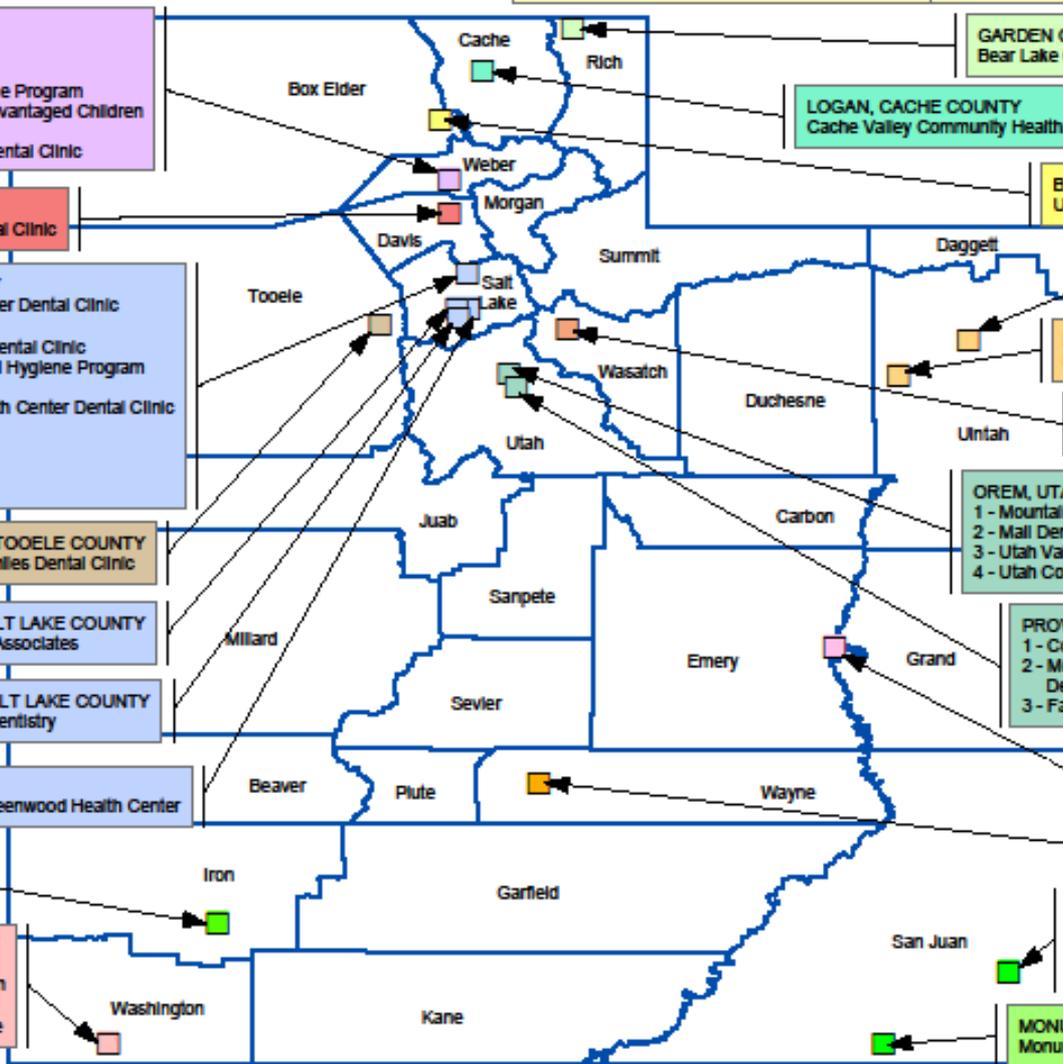
- PROVO, UTAH COUNTY**
- 1 - Community Health Connect
 - 2 - Mountainlands Community Health Center Dental Clinic
 - 3 - Family Dental Plan Mobile Missions

- GREEN RIVER, EMERY COUNTY**
- Green River Medical Center

- BICKNELL, WAYNE COUNTY**
- Wayne Community Center

- MONTEZUMA CREEK, SAN JUAN COUNTY**
- Montezuma Creek Community Health Dental Clinic

- MONUMENT VALLEY, SAN JUAN COUNTY**
- Monument Valley Health Clinic



Shortage Area Designations

Low Income:

Low-income population-to-dentist ratio \geq 4000:1

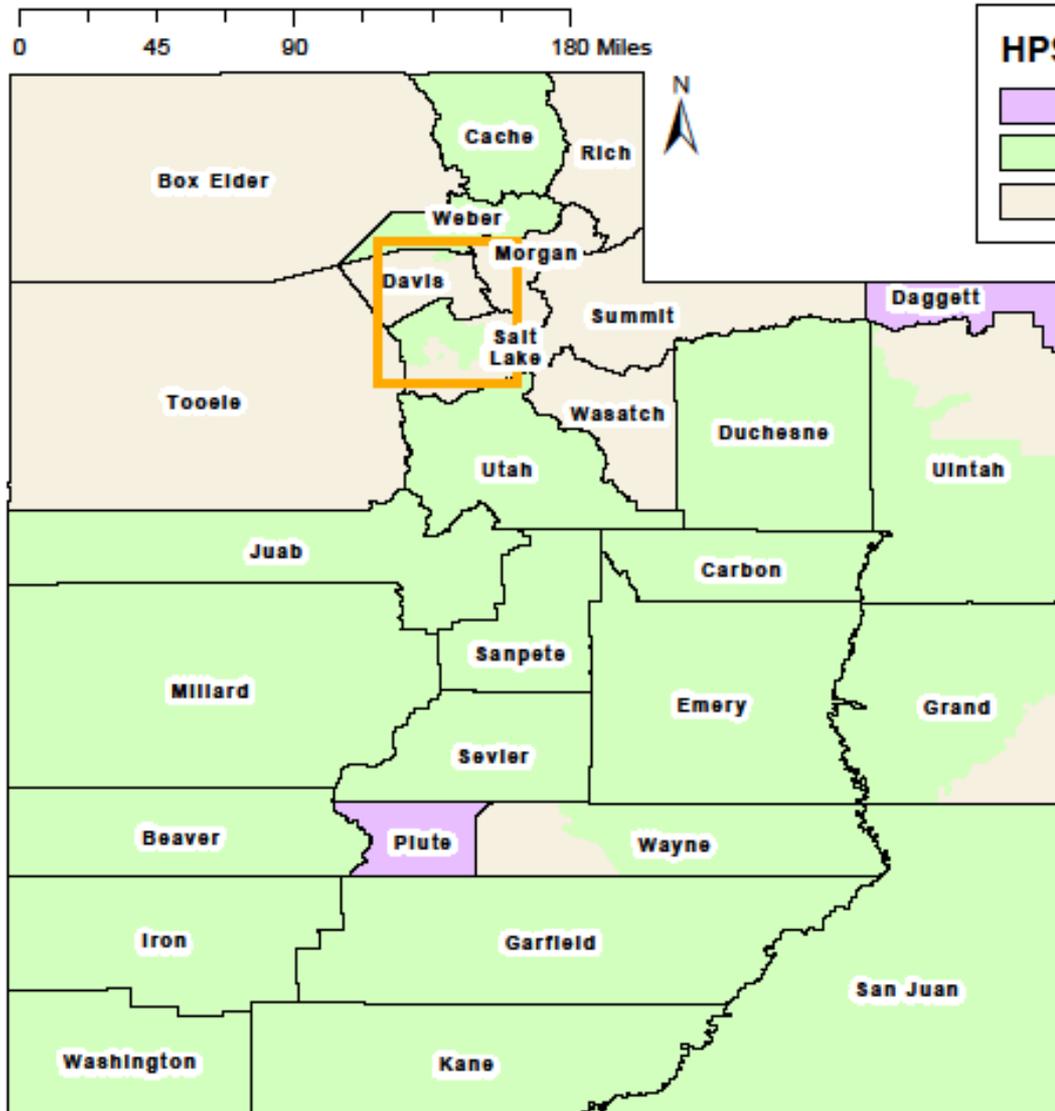
AND % of low-income population \geq 30%

Geographic area:

Population-to-dentist ratio \geq 5000:1 using census

county divisions (CCDs) or census tract (CTs) groups

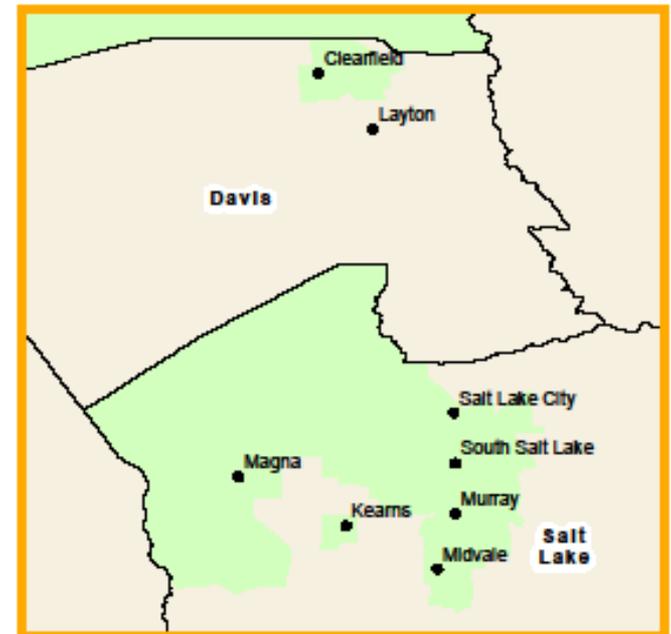
UTAH'S DENTAL CARE Health Professional Shortage Areas (HPSAs)



HPSA Types:

- Geographic Area
- Low-income Population
- Undesignated

Davis and Salt Lake Counties



For more information about Utah's HPSA designations, call (801) 273-6621 or email shellyphillips@utah.gov.

Utah Schools

2 Dental Schools (Dentists):

University of Utah School of Dentistry (1st graduating class 2017)

Roseman University of the Health Sciences College of Dental Medicine (1st graduating class 2015)

6 Dental Hygiene Schools (Dental Hygienists):

Dixie State University Dental Hygiene Program

Fortis College Dental Hygiene Program

Salt Lake Community College Dental Hygiene Program

Utah College of Dental Hygiene

Utah Valley University Dental Hygiene Program

Weber State University Dental Hygiene Program

Oral Health Status of Utah's Children 2015, Planning

Once every 5 years the Oral Health Program does a oral health survey of children in Utah ages 6 to 9 years old using guidelines of the Association of State and Territorial Dental Directors (ASTDD) as recommended by the CDC.

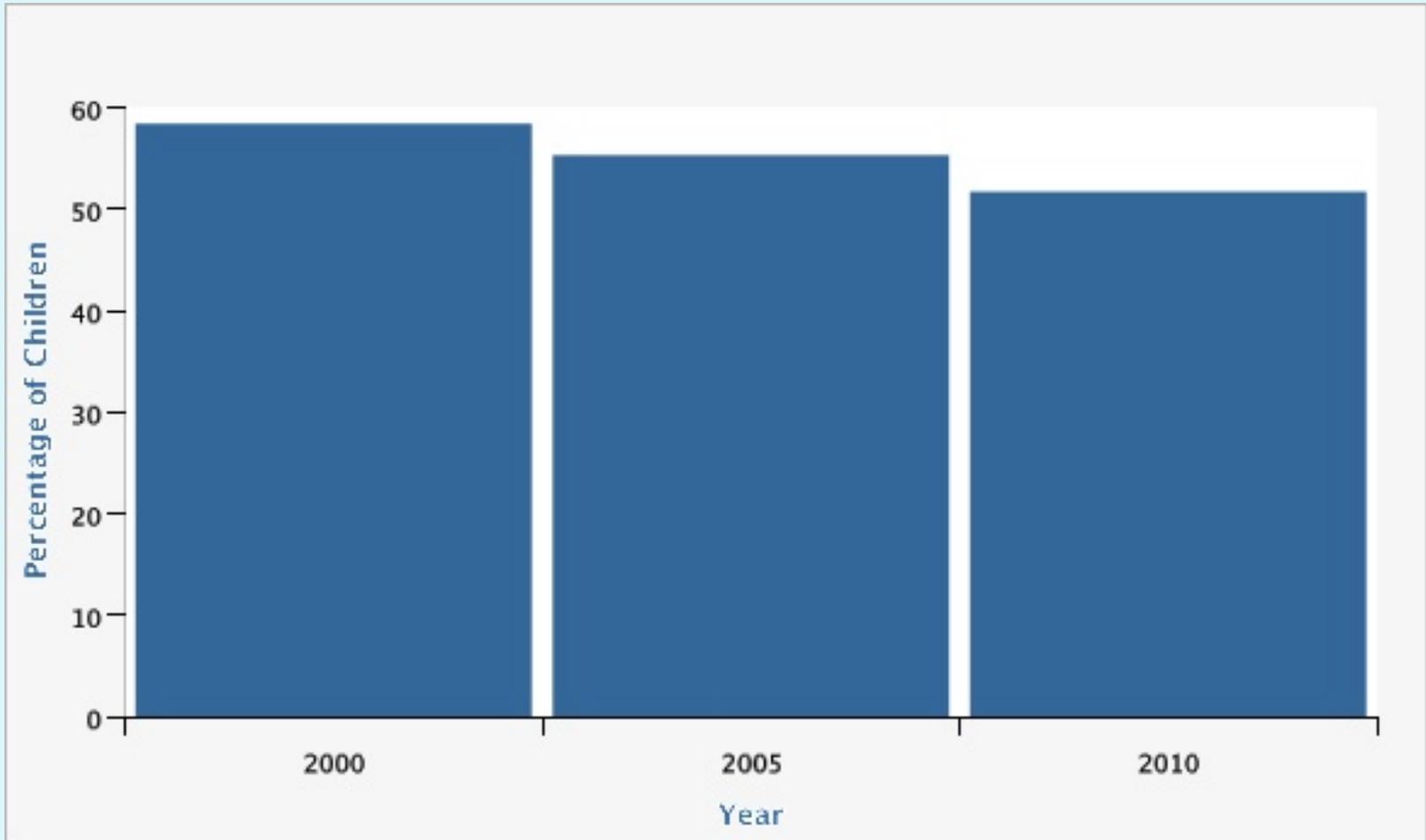
Past surveys were done in 2000, 2005, 2010.

Percentage of Children Who Had Ever Had Dental Caries Utah
Children Age 6-9, 2000, 2005, and 2010 Graph (IBIS-PH)

Percentage of Children Who Had Ever Had Dental Caries Utah
Children Age 6-9, 2000, 2005, and 2010 Table (IBIS-PH)

Percentage of 6-9 Year Old Children With Untreated Dental Caries
Utah, 2000, 2005, and 2010 Graph (IBIS-PH)

Data and Confidence Limits for Percentage of 6-9 Year Old
Children With Untreated Dental Caries Utah, 2000, 2005, and 2010
Table (IBIS-PH)



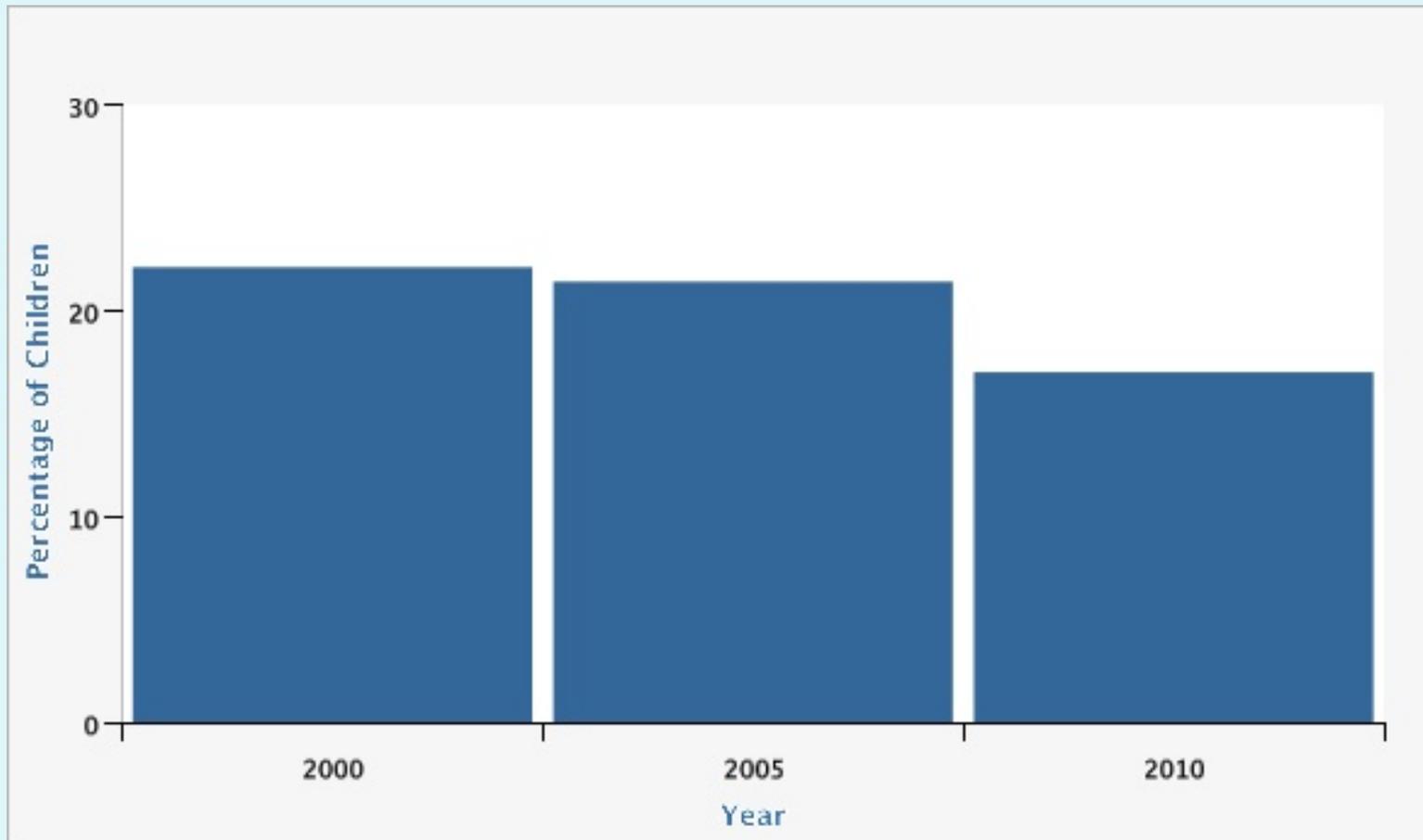
Percentage of Children Who Had Ever Had Dental Caries Utah Children Age 6-9, 2000, 2005, and 2010 (IBIS-PH)

Data Notes

The next survey of dental caries in children in Utah is scheduled for fall of 2015. 2000 and 2005 data is for ages 6 to 8 years.

Data Sources

Utah Oral Health Survey, Utah Department of Health.



Percentage of 6-9 Year Old Children With Untreated Dental Caries Utah, 2000, 2005, and 2010 (IBIS-PH)

Data Notes: 2000 and 2005 data is for ages 6 to 8 years.

Data Sources: Utah Oral Health Survey, Utah Department of Health.

Any Questions?

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