



Public Oral Health Projects, Impact and Funding

Report to Missouri Coalition for Oral Health
3/1/2019

JOHN DANE, DDS; DENTAL DIRECTOR

OFFICE OF DENTAL HEALTH, DEPARTMENT OF HEALTH AND SENIOR SERVICES

Objectives

- ▶ Describe status of current programs
- ▶ Describe the Oral Health Surveillance data for Missouri
- ▶ Inform and Invite participation in New Opportunities



MISSOURI

Department of Health and Senior Services



2018 Version 1.0

ASPIRATION	We will protect health and keep the people of Missouri safe			
THEMES	Reduce opioid misuse	Improve the health of women in Missouri	Increase access to care	Create a sustainable, high-performing department
INITIATIVES	<ul style="list-style-type: none"> Decrease the amount of opioids prescribed by leveraging data to improve investigations Reduce deaths by: <ul style="list-style-type: none"> Build out Emergency Response Team in St. Louis Increase Naloxone training Expand Missouri Opioid State Targeted Response (STR) and private partnerships Increase opioid treatment options through telemedicine 	<ul style="list-style-type: none"> Prevent chronic and communicable disease Increase access to treatment for mothers with substance abuse Decrease infant mortality Decrease maternal mortality Increase access to care for women 	<ul style="list-style-type: none"> Increase the healthcare workforce in healthcare professional shortage areas Support legislation giving Nurse Practitioners more scope of practice Increase Telehealth capability Update eligibility standards to ensure access to care for those in need of Home and Community Based Services (HCBS), allowing them to remain in the least restrictive community setting as long as safely possible 	<ul style="list-style-type: none"> Increase communication methods between staff and managers to ensure staff are aware of DHSS mission/vision/values and Department initiatives and provide direct feedback to DHSS management Implement ENGAGE to improve professional development communications between supervisors and employees Develop new and innovative recognition/award initiatives to provide a positive work environment for DHSS staff

Rural Health

- ▶ Governor's Conference on Rural Health
- ▶ To be a new emphasis from the Administration



You're Invited
Governor's Rural Health Summit

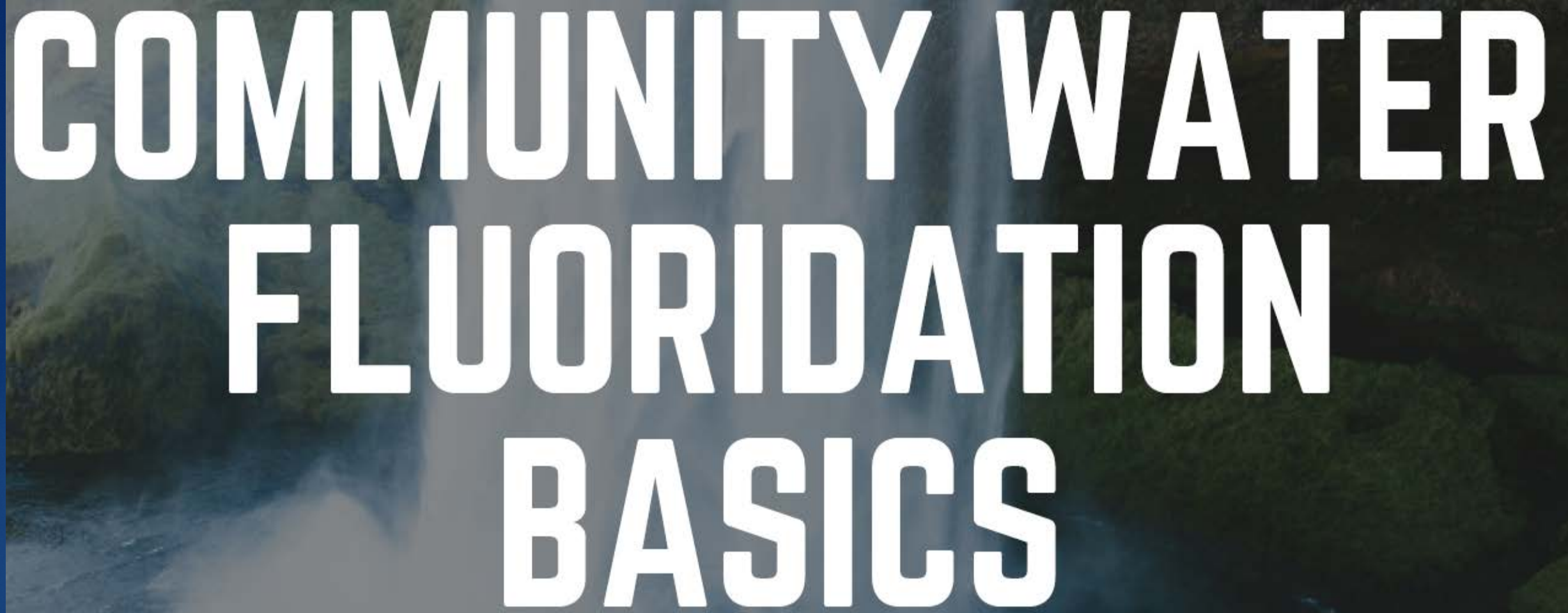
Tuesday, December 4, 2018

What do we know about Oral Health in Rural Missouri?

- ▶ Overall caries rates of school children are slightly lower among children from rural counties 33-34%
- ▶ Need for urgent dental care is slightly higher in children from rural counties 3.4-2.4%
- ▶ Rates of untreated decay are slightly higher, 22-21%
- ▶ In rural counties 2% fewer children have rampant decay
- ▶ Dental sealant rates are lower in rural areas 17-21%
- ▶ Oral hygiene is better among rural children 19-24% poor OH
- ▶ Did you know 29 counties in Missouri don't have any fluoridated water systems. All of them are rural.
 - ▶ Children from non-fluoridated areas have a 4% higher cavity rate.
- ▶ Nine rural counties don't have a dentist licensed registered in the county.
- ▶ 54% of Missouri Medicaid participants reside in rural counties.

MO HealthNet – Dental Coverage

- ▶ Number of providers increases by over 100%
 - ▶ 2016 – 729
 - ▶ December 2018 – 1622 (average)
- ▶ Managed Care Organization (MCO) now cover the state and are required to meet network availability standards for distance from a recipient to a provider. Rural distance is 50 miles.
- ▶ These providers are reported to be contract with the plans. Some may only be contracted with one plan
- ▶ This doesn't tell us if they are "active providers"

A background image of a waterfall cascading over rocks in a lush, green forest. The water is white and frothy as it falls, surrounded by dense green foliage and trees. The overall scene is serene and natural.

COMMUNITY WATER FLUORIDATION BASICS

1 CEU CREDIT IN DRINKING WATER
TREATMENT

How to use Community Water Fluoridation Basics

- ▶ Prospective participants can access the modules through
- ▶ <https://canvas.instructure.com/courses/1089951>

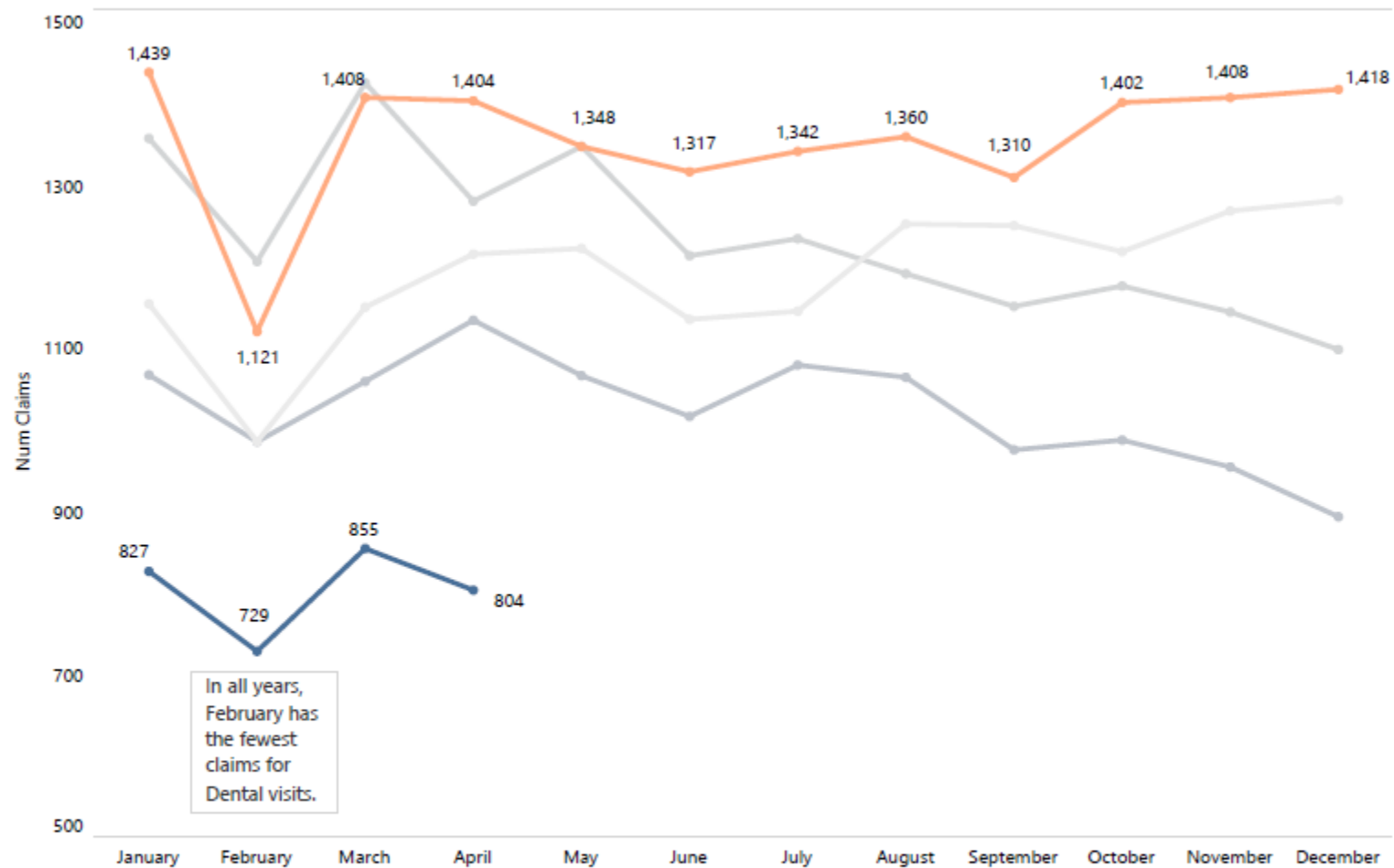
Six modules, first 3 are for general information and second 3 are more for operators.

Non traumatic dental visits to Emergency Department – Medicaid Claims

- ▶ Adult dental services started January 2016
- ▶ January 2018 shows a 44% decrease compared to January 2015
- ▶ This is not because we have fewer Medicaid participants those levels have stayed the same
- ▶ The rates per 100,000 are 38% lower

Dental ED Visits

2015 & 2018



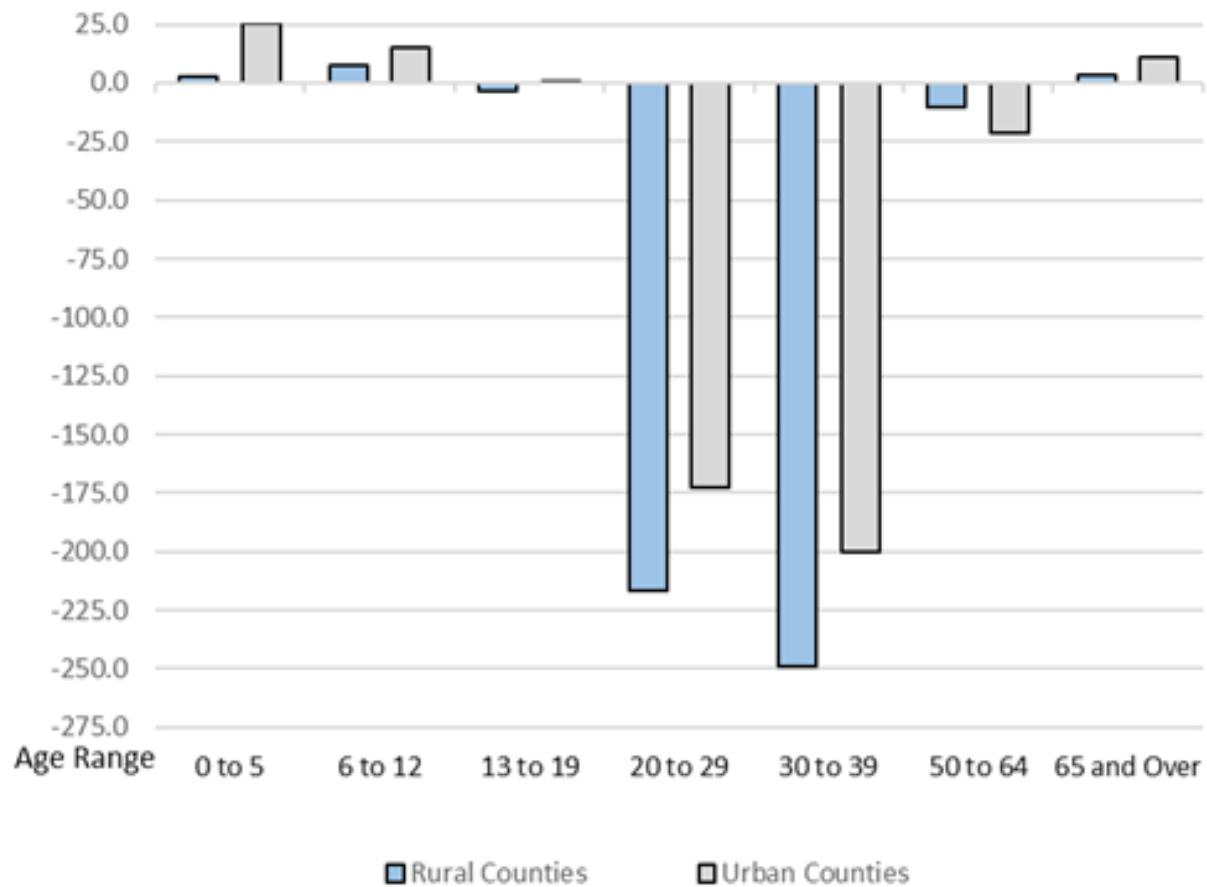
In all years, February has the fewest claims for Dental visits.

- 2014
- 2015
- 2016
- 2017
- 2018

Medicaid participants with dental visit following ED visit – 44%

Number of Participants With Follow Up Dental Visits	Number of ED Dental Visits	Number of Dental Visits After First ED Dental Visit	Average Follow-Up Dental Visits Per Person
2,795	1	7,101	2.5
566	2	1,593	2.8
180	3	596	3.3
58	4	192	3.3
29	5	100	3.4
15	6	43	2.9
7	7	23	3.3
4	8	30	7.5
5	9	17	3.4
3	10	8	2.7
1	11	3	3.0
2	12	9	4.5
2	20	6	3.0
1	54	9	9.0
3,668	152	9,730	2.7

Dental ED Visit Increase/ Decrease per 10,000 Eligibles from CY2015 to CY2017



Adult Dental Expenditures January –December 2018

- ▶ **Adult Dental Total Expd \$25,776,151**
 - ▶ **Adult Dental Total Units 318,257**
 - ▶ **88% of procedures done in FQHCs**
- ▶ Note: Medicaid claims data is not considered final until one year after service data.

Dental Care for Pregnant Patients – Medicaid Participants

- ▶ Unique women becoming pregnant during (07/01/2016 – 06/30/2017): 56,830
- ▶ Number of those pregnant women having at least one dental procedure from 07/01/2016 to 06/30/2018: 9,242
- ▶ Percent of pregnant women having at least one dental procedure:

▶ 16.3%



DDF Sealant Program numbers

June 2018 Report

- ▶ Truman Medical Centers placed 546 from November 1, 2017 – April 30, 2018.
- ▶ Lafayette County a sealing event on 5/2/18 and placed 84 sealants on 21 children
- ▶ Lincoln County - event on February 20 and placed 132 sealants on 39 children.
- ▶ Advocates for a Healthy Community DBA Jordan Valley, one sealant event 310 sealants on 98 children.
- ▶ Regular clinic hours and in their mobile unit from November 1, 2017 through April 30, 2018, they placed 7,243 sealants and repaired 1,685 sealants on 2,758 children.
- ▶ Total 9,387

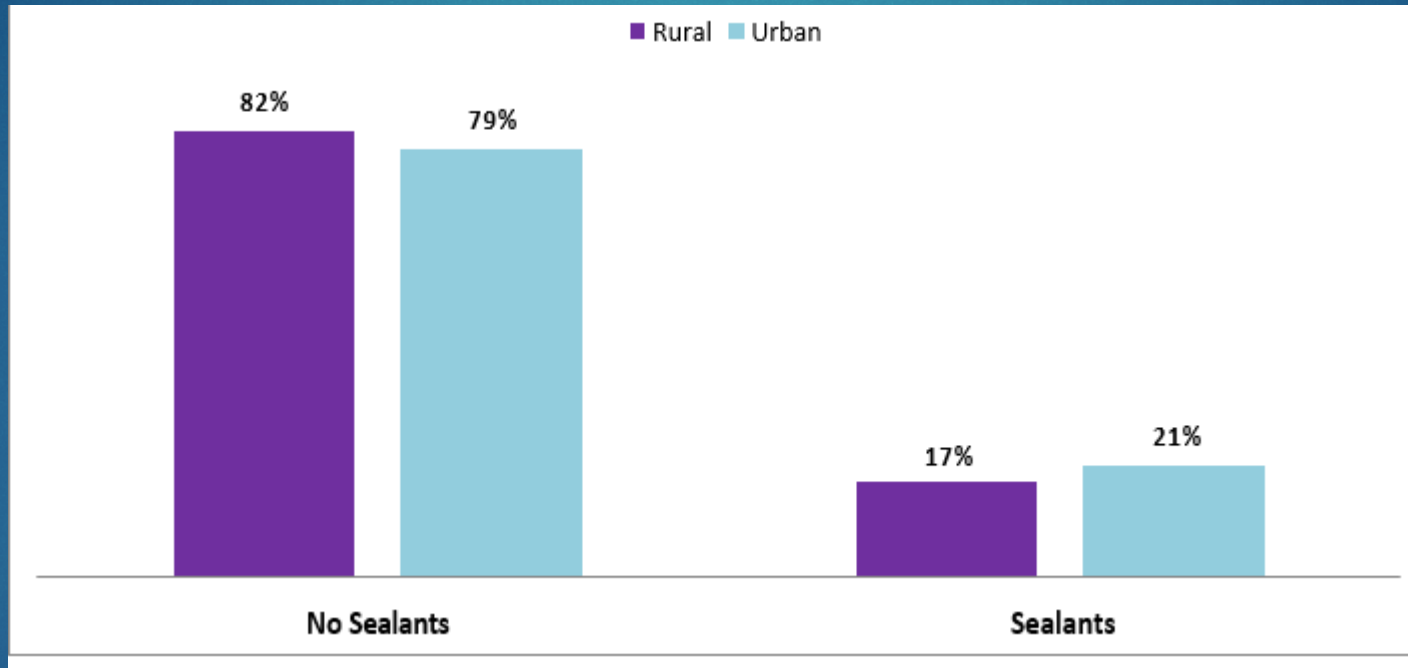
Fluoride Varnish Pilot Project Report

WIC Fluoride Varnish Program Total				
MOU runs May 1, 2018-December 31, 2018				
	Total <u>Privately-insured</u> children receiving varnish	Total <u>Medicaid</u> or <u>MCO</u> children receiving varnish	Total <u>Uninsured</u> children receiving varnish	Total varnish applications
Cape Girardeau County (8/2/18-11/15/18)	1	33	4	38
Lawrence County (6/19/18-11/14/18)	0	28	11	39
Lincoln County (8/29/18-10/31/18)	6	46	17	69
Totals	7	107	32	146

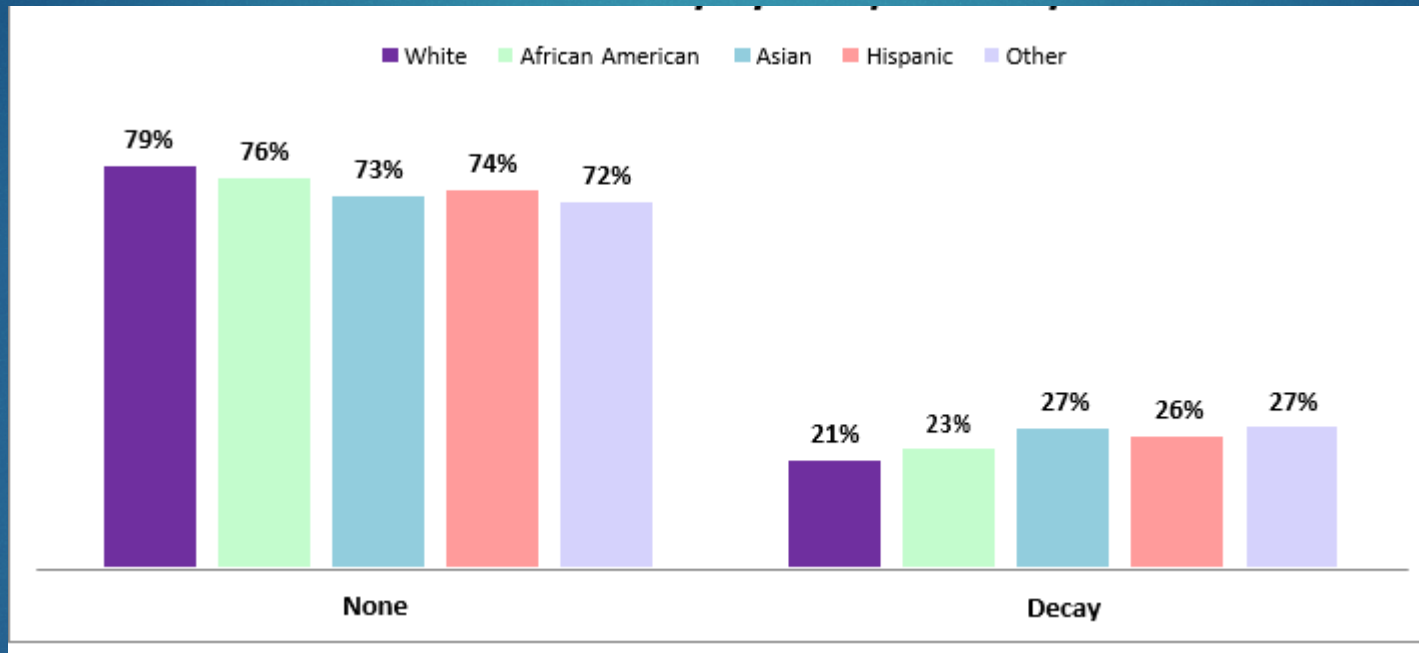
Preventive Services Program – 2017-2018 Report available

- ▶ 88,138 participants down 5.04%
- ▶ 56% from Rural Counties
- ▶ 78% of children screened were considered to have good Oral Hygiene
- ▶ 18.7% of children had dental sealants present
- ▶ 21% of children had dental treatment needs
- ▶ 8% of children had rampant caries, increase of 1% over previous year

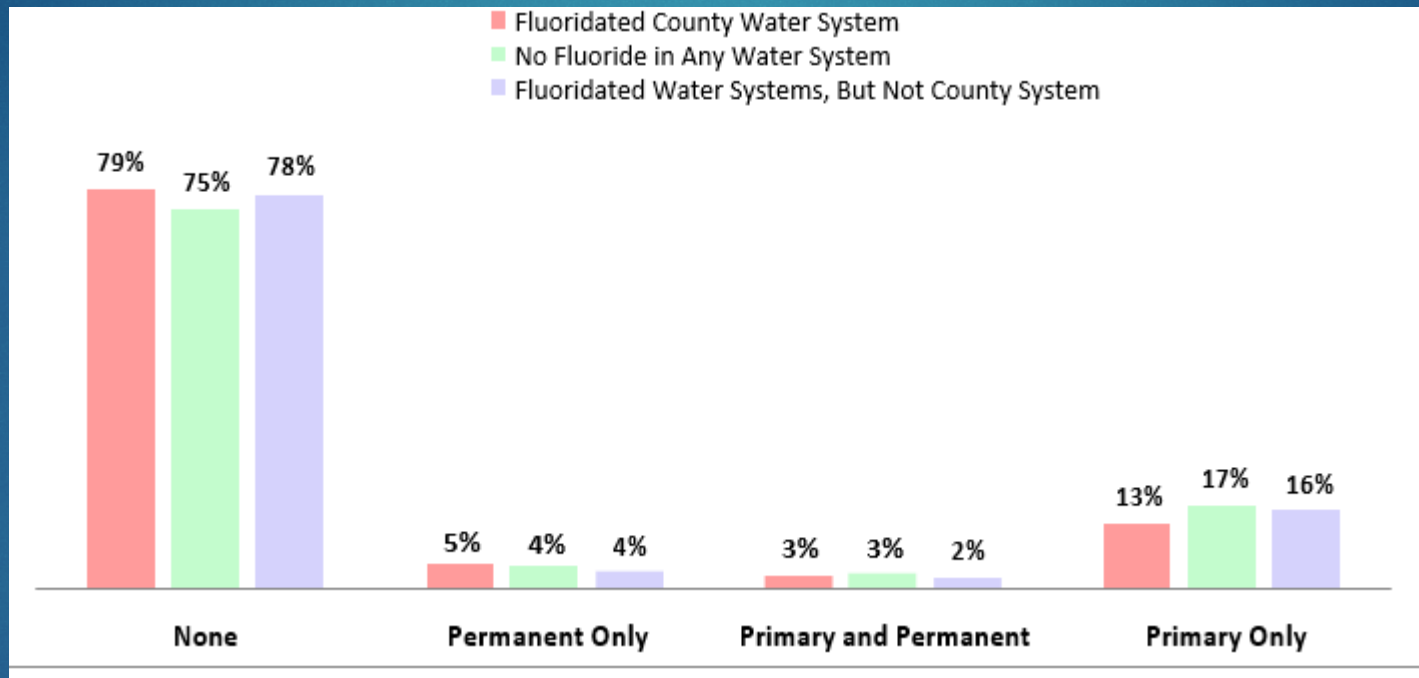
Sealants by Geography



Untreated decay by race and ethnicity



Untreated Decay by CWF accessibility



CDC Cooperative Agreement Project

- ▶ 5 year contract with the CDC
- ▶ Emphasis on Community Water Fluoridation and Dental Sealants
 - ▶ Teledentistry equipment grants for sealant projects.
- ▶ Requires new State Dental Plan
- ▶ Requires new Basic Screening Survey for Children and Adults.
- ▶ Requires submitting data to WFRS data base
- ▶ Extensive evaluation protocols
- ▶ Emphasizes community involvement

Program Progress - CDC

- ▶ Contract for State Oral Health Plan Development to MOCOHO
- ▶ Will have the RFP document ready for sealant projects soon
- ▶ Personnel additions in the works. Looking to hire an Administrative Assistant and a fluoridation/sealant expert
- ▶ Baseline Screening Survey for Children nearing completion
- ▶ Contract for BSS Persons with Developmental Disabilities signed
- ▶ Next steps:
 - ▶ CWF action group
 - ▶ Dental Sealant Action group
 - ▶ Planning for State Oral Health Plan activity

Basic Screening Survey - Children

- ▶ Purpose to gain a statistically sound overview of children's dental health in Missouri – gold standard
- ▶ Survey of only 3rd graders, last survey completed in 2014-15
- ▶ Randomly selected schools supplied by the ASTDD
- ▶ Most of the selected schools have already been screening by PSP
- ▶ 53 schools remain. 26 have been completed since September 2019

▶ 49% Complete

Basic Screening Survey – Adults with Developmental Disabilities

- ▶ Survey of Adults with Developmental Disabilities have never been done in Missouri
- ▶ Partnering with the Elks Mobile Dental Program to screen patients treated on the mobile units.
- ▶ Some screening data from PSP at State Schools for Developmentally Disabled.
- ▶ Goal to have at least 1000 screenings from multiple locations across Missouri.
- ▶ Progress to date **285 screened.**

Missouri Oral Health Plan 2015-2020



State Oral Health Plan 2020 -2025

- ▶ This is the document that will help guide Oral Health programs for the next 5 years.
- ▶ Input for this Plan will be needed from any and all stakeholder groups
- ▶ The contract to organized the planning group has been awarded to the MCOH
 - ▶ Goal is to have the Plan completed by August 2019.

Fluoridation Action committee

- ▶ Members to include, dentists, dental hygienists, school nurses, DHSS staff, MO HealthNet staff, Medicaid Managed care dental plans, MDA, MPCA, MCOH, Dental plans in Missouri, Missouri Academy of Pediatrics and other interested parties.
- ▶ Promote and educate the public about the benefits of CWF
- ▶ Work to increase the population drinking fluoridated water
- ▶ Develop an early warning system for CWF Challenges
- ▶ Work to develop a CWF defense fund.

Sealant Promotion Committee

- ▶ Members to include, dentists, dental hygienists, school nurses, DHSS staff, MO HealthNet staff, Medicaid Managed care dental plans, MDA, MPCA, Dental plans in Missouri, and other interested parties.
- ▶ Promote Children's oral health in Missouri
- ▶ Goal is to increase the use of dental sealants in Missouri

Program Progress – HRSA Grant

- ▶ 4 year grant
- ▶ 40% matching funds required
 - ▶ MFH grant received for 3 years match
 - ▶ Request to Health Forward Foundation for remaining year
- ▶ Many contracts for activities ready to be signed
 - ▶ Teledentistry workshop to be scheduled
- ▶ RFP for Teledentistry site in process
- ▶ LPHA's selected for Fluoride Varnish programs.

How do I apply for the projects?

- ▶ Let ODH know if you want to be on an email notification list
- ▶ Check the Office of Administration's notification site page;
 - ▶ <https://missouribuys.mo.gov/bidboard>

