



OFFICE OF DENTAL HEALTH UPDATES

MO COALITION FOR ORAL HEALTH 2021 CONFERENCE

GUY DEYTON, DDS
DENTAL DIRECTOR

JOHN DANE, DDS, FAAHD, DABSCD, FACD
RETIRED DENTAL DIRECTOR

JULIE BOECKMAN, BS
PROGRAM MANAGER

OFFICE OF DENTAL HEALTH
DEPARTMENT OF HEALTH AND SENIOR SERVICES

OUTLINE FOR THIS PRESENTATION

- The Office of Dental Health
- Tooth Decay - Why is it important?
- Missouri State Oral Health Plan
- Preventive Services Program
- Rural Oral Health
- Workforce/Access to Care
- Dental Sealants and Community Water Fluoridation
- Tele-Dentistry
- Opioids in Dental Practice
- MO HealthNet Dental

EARLY CHILDHOOD TOOTH DECAY (CARIES)



Missouri Oral Health Plan 2020-2025



A Five-Year Plan for the Missouri Department of Health and Senior Services.

Created in Partnership with the Oral Health State Plan Workgroup and Missouri Coalition for Oral Health.

OFFICE OF DENTAL HEALTH (ODH)

- Small office with 5 full-time employees and 7 part-time employees
- Programs and Contracts under ODH scope
 - Maternal Child Health Grant
 - Preventive Services Program
 - Improving oral health
 - Elks Mobile Dental Program
 - Community Water Fluoridation training (PHHS)
 - University of Missouri online training
 - Missouri Coalition for Oral Health
 - HRSA (competitive 4-year grant)
 - Tele-dentistry
 - WIC Varnish
 - CDC (competitive 5-year contract)
 - Sealant Program
 - Community Water Fluoridation

COVID 19 EFFECTS ON THE PROGRAMS IN OFFICE OF DENTAL HEALTH

- Stay at home order - March
 - 99% closed to regular business
 - Re-opened May 2020, business is slower than previous to pandemic.
 - December 2020, 40% of practices are seeing less patient visits than pre-pandemic levels
- Schools and nursing homes closed to visitors
 - Difficult/impossible for contractors to provide services in schools & nursing homes
- PPE shortages affected screening events
- WIC programs – no face to face appointments
 - Contractors couldn't apply fluoride varnish
- Clinical activities across the programs have been put on hold in 95% of the programs

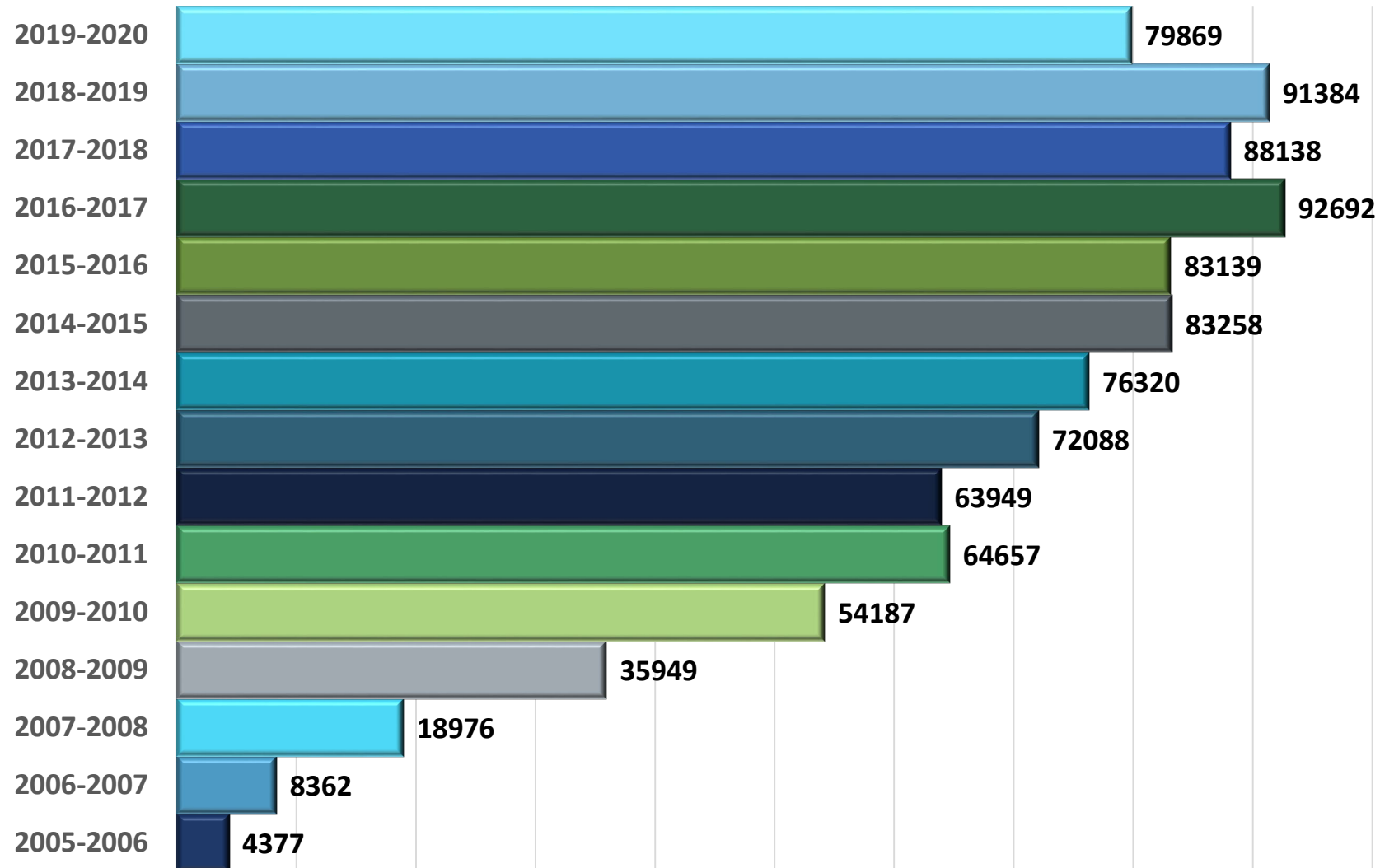
Preventive Services Program (PSP)



PREVENTIVE SERVICES PROGRAM

- Started in 2005-2006 with Missouri Smiles Program
- Community based
- Provides dental screenings to students 0-18 years of age
- Education and dental home care supplies
- Fluoride varnish provided at time of screening and 6 months later
- Referrals

TOTAL PSP PARTICIPANTS BY SCHOOL YEAR



PREVENTIVE SERVICES PROGRAM

- 2019-2020 draft report submitted for review
- Over 79,869 children screened about a 12.60% decrease from last year's 91,384
- 2020-2021 progress slowed by pandemic restrictions
 - School participation at about 20% (mostly rural)
 - Problems finding volunteer screeners
 - Alternative strategies
 - New educational videos completed for each grade level
 - Sent oral health supplies even if not varnishing or screening

TOP 10 SCHOOLS WITH CHILDREN HAVING HIGHEST UNTREATED DECAY 2019-20

School	County	# of Untreated Decay
Southern Boone County RI	Boone, MO	192
Van-Far R-I Elementary & High School	Audrain, MO	179
Blue Ridge	Boone, MO	141
Willard North Elementary & Intermediate	Greene, MO	134
Derby Ridge	Boone, MO	132
Willow Springs R-IV School	Howell, MO	128
Alpha Hart Lewis	Boone, MO	125
Butler Elementary School	Bates, MO	123
Beulah Ralph	Boone, MO	120
Alton Elementary	Oregon, MO	112

2019-20 DATA

A 5.3% DECREASE IN DECAY RATE AMONG PSP CHILDREN SCREENED 2014-2020

School Year	Decay Experience	Total Screened	Percent Decay Experience
2013-2014	6710	9978	67.25%
2014-2015	7292	11170	65.28%
2015-2016	7129	11328	62.93%
2016-2017	8374	13192	63.48%
2017-2018	7902	12122	65.20%
2018-2019	8638	13193	65.50%
2019-2020	7059	11050	63.88%

IMPACT OF PSP PROGRAM – FLUORIDE VARNISH APPLICATION (BASED ON 2017 DATA)

- Total estimated value of fluoride varnish in 2018 delivered at Medicaid Rate \$1,001,243 (not submitted for reimbursement)
- Estimated reduction of dental decay among Medicaid patients 5.3%
- Untreated decay rate of schools identifies those having problems accessing dental care

ORAL HEALTH IN RURAL MISSOURI AMONG SCHOOL CHILDREN

2019-2020 Preventive Services Program rates

- Need for urgent dental care
 - 0.33% higher in rural (1.83%) counties than urban (1.50%)
- Rampant decay
 - 0.20% fewer in rural counties than urban
- Oral hygiene
 - 6.01% lower in rural counties than urban
- Fluoridated water
 - Non-fluoridated areas have a 12.79% higher cavity rate than urban
- Dental sealants
 - 3.07% lower in rural counties than urban

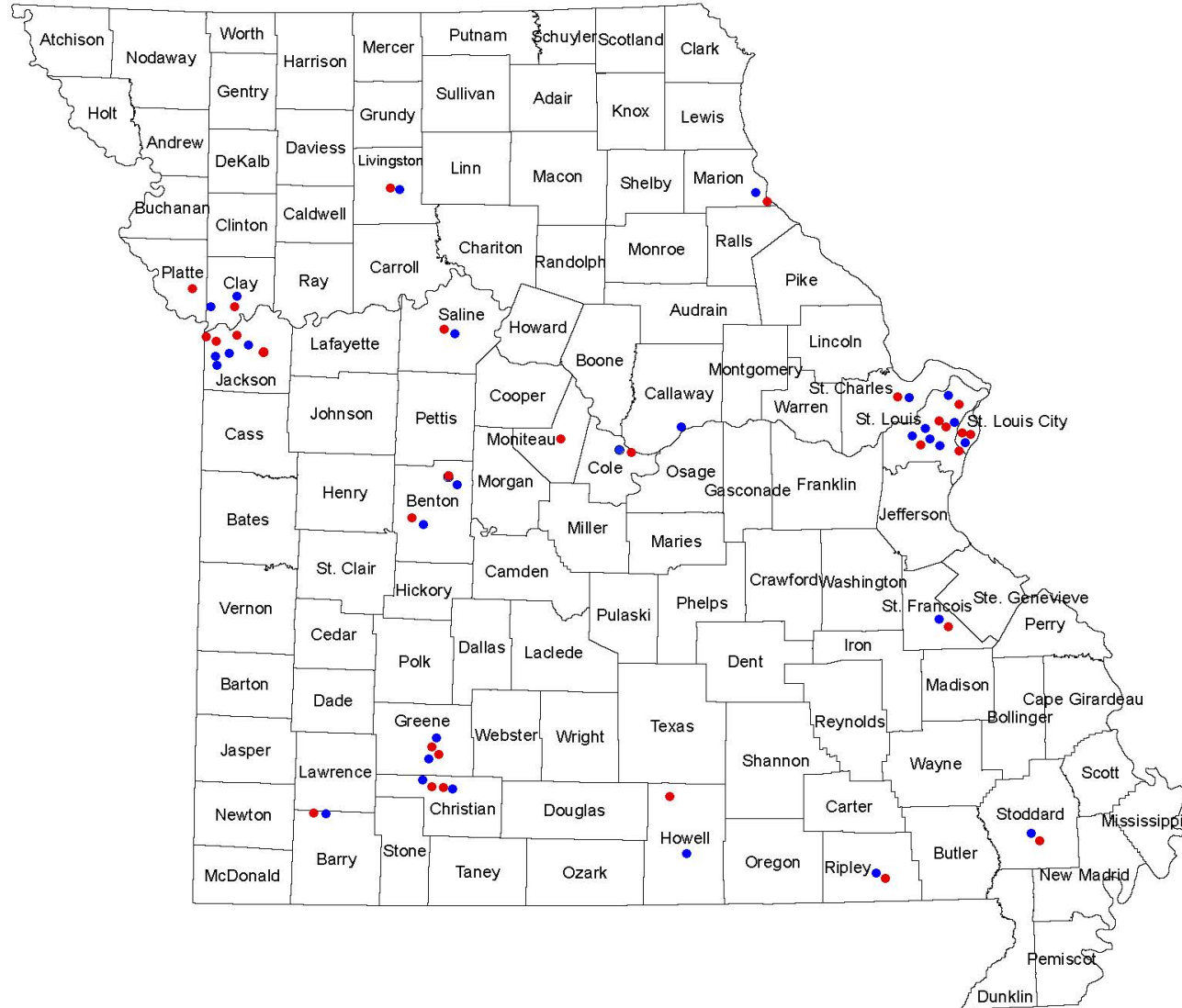
ELKS SURVEY OF ADULTS WITH DEVELOPMENTAL DISABILITIES

- First time ever in Missouri
- Elks Mobile Dental Program, statewide
- Started January 2019, continues this year
- Based on PSP Basic Screening Survey form
- Working on report
- Preliminary Data
 - 52.4% had unsatisfactory oral hygiene
 - 80% have had tooth decay
 - 42% had untreated decay

BASIC SCREENING SURVEY FOR OLDER ADULTS

- Last completed in 2009
- Planned for 2020 - COVID delayed
- Hope to screen at least 600 people over the age of 60
- ASTDD randomly selected
 - 30 nursing homes and 30 congregate meal centers

OLDER ADULT BSS NURSING FACILITIES & CONGREGATE MEAL SITES



OLDER ADULT BASIC SCREENING SURVEY – 2016 MHD INFO

- Medicare provides comprehensive dental care for nursing home residents
 - Enrollment - 101,000 individuals 65 years of age and older
 - 5,735 (6%) received dental services
- BSS for Older Adults will help understand problem better



SEALANT PROGRAM

SEALANT CONTRACTOR ACTIVITIES AFFECTED BY COVID 19

- Some schools aren't willing to have visitors in buildings
- One contractor bringing students to fixed clinic for sealants and other treatment, but response is low
- CDC issued new guidance for school based programs and may help with acceptance by schools
- ODH new educational materials

OUTCOMES

- Missouri Dental Sealant rate*
 - 2014-15 - 25.4%
 - 2015-16 - 24.8%
 - 2016-17 - 26.2%
 - 2017-18 - 26.65%
 - 2018 -19 – 30%**

Dental Sealants

What you need to know...

- Sealants add an extra level of protection for your back teeth.
- They are easy to apply and help reduce the risk of decay to keep your mouth healthy.
- Additionally, most private dental insurance providers and MO HealthNet (Medicaid) cover sealants at no charge!



**Dental Sealants help
keep your mouth healthy.**

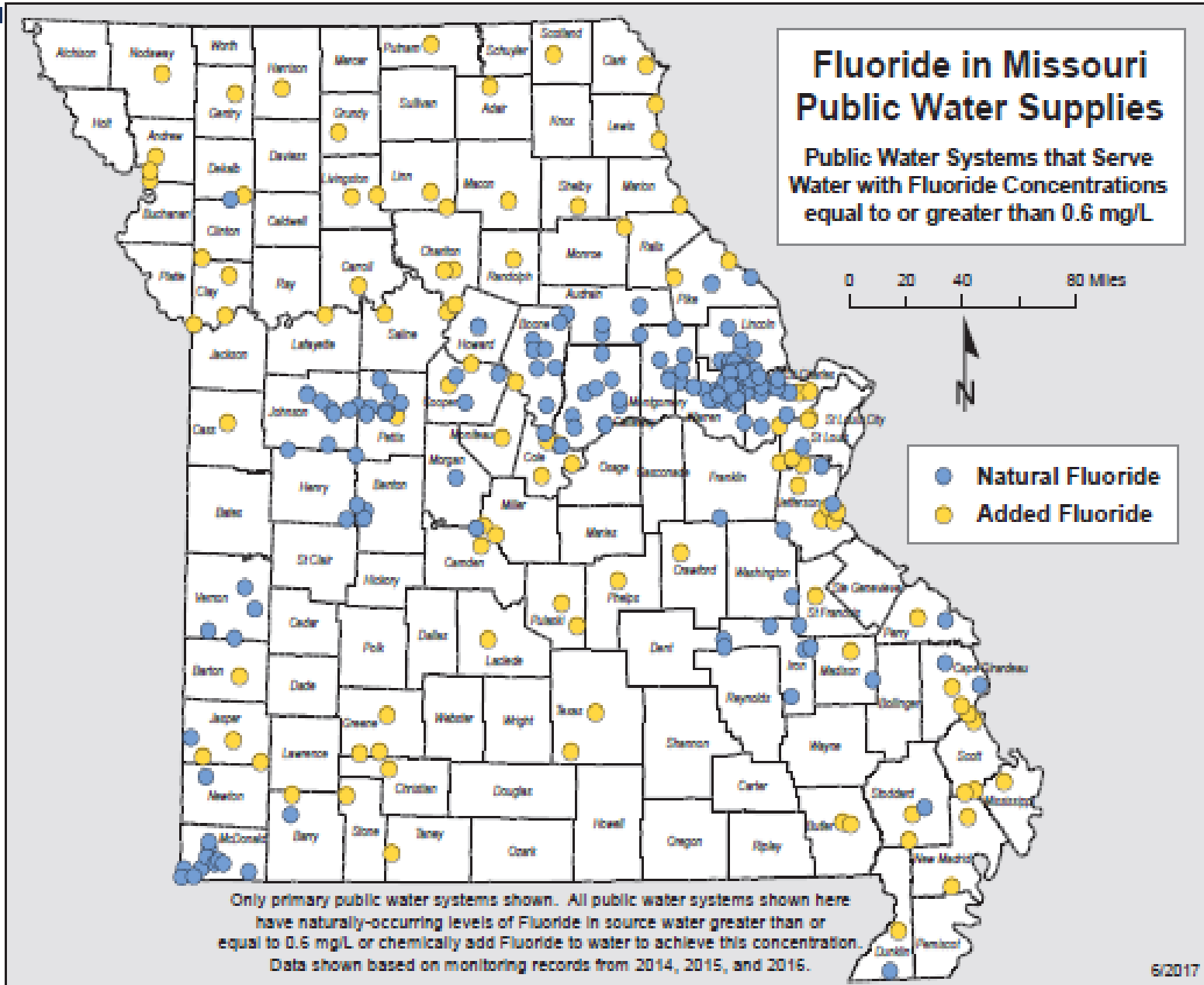


COMMUNITY WATER FLUORIDATION (CWF)

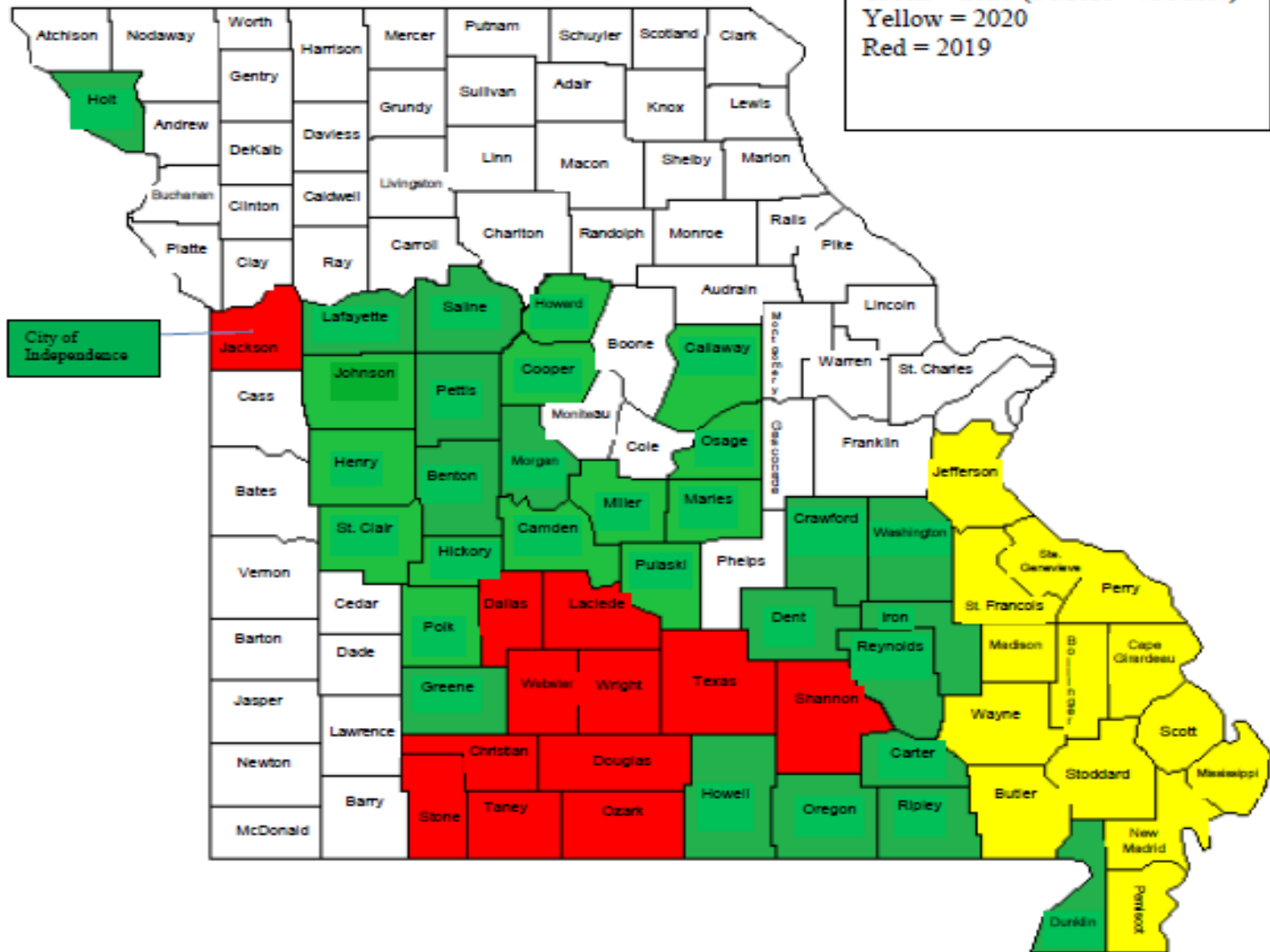
MISSOURI COMMUNITY WATER FLUORIDATION 2019 STATISTICS

- Total # of Community Water Systems (CWS) - **1,452**
- Total Population on CWS – **5,435,934**
- Total Number of fluoridated systems – **467**
- Total Population on fluoridated systems – **4,156,229**
- Total % of CWS that are fluoridated – **76.46%**

- Fluoridated water systems
 - 31.30% (36 counties) don't have any fluoridated water systems, all are rural



CWF Media Campaign 2019-2021
 Green = 2021 (2/1/2021 – 4/30/2021)
 Yellow = 2020
 Red = 2019



How Community Water Fluoridation Prevents Tooth Decay

For children



When children are young fluoride that is swallowed enters the bloodstream.



It 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.



the fluoride heals the teeth and protects them from further decay.



ILikeMyTeeth.org

CAMPAIGN FOR
DENTAL HEALTH
It's better with TEETH

American Academy
of Pediatrics
ADVANCING THE HEALTH OF ALL CHILDREN



Copyright © 2014 American Academy of Pediatrics. All rights reserved.

The information contained in this publication should not be used as a substitute for the medical care and advice of your pediatrician. There may be variations in treatment that your pediatrician may recommend based on individual facts and circumstances. This publication has been developed by the American Academy of Pediatrics. The authors and contributors are expert authorities in the field of pediatrics. No commercial involvement of any kind has been solicited or accepted in the development of the content of this publication. The appearance of any corporate logo on AAP publications does not constitute or imply an endorsement of any product or service. You may download or print from our Web site for personal reference only. To reproduce in any form for commercial purposes, please contact the American Academy of Pediatrics.

ORAL AND PHARYNGEAL CANCERS

- Nationally, about 3% of all cancer diagnoses are head and neck cancer
 - Could be more than 65,000 in 2020 according the National Cancer Institute
 - Increase of about 10,000 per year
- All forms of tobacco and alcohol use are the most common risk factors
- Head and Neck Cancer web page coming soon!

HPV VACCINE

- Human Papilloma Virus (HPV) is a new and increasing risk factor
- HPV is responsible for a recent surge in oropharyngeal cancer patients
- The American Dental Association, American Academy of Pediatrics, CDC and many other agencies and organizations recommend HPV vaccine for prevention of HPV infection
- ODH is partnering with the Bureau of Immunizations to promote HPV vaccinations



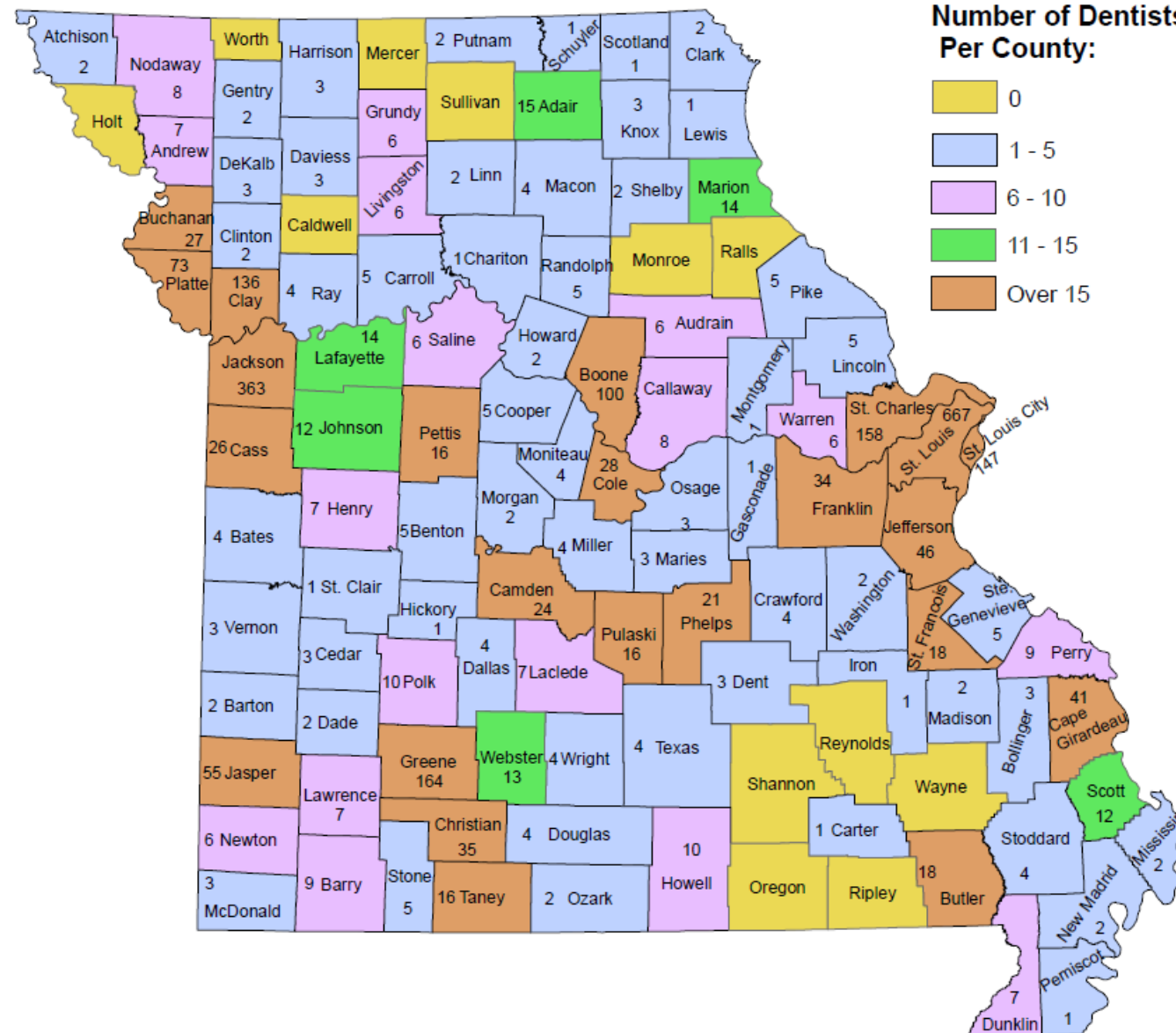
WORKFORCE SURVEY & TELEDENTISTRY

MISSOURI WORKFORCE LICENSURE STATISTICS

We are getting better

Fiscal Year	Dentists	Specialists	Hygienists
2002	3,029	592	2,419
2020	3,394	724	4,271
Percent Increase since 2002	12.0%	22.3%	76.6%

DENTISTS PER COUNTY 2019



WORKFORCE ANALYSIS 2020 SURVEYS FROM SEPTEMBER –DECEMBER 2020

- Survey on re-licensure
 - 10 questions
 - Every dental professional had to answer these questions
- Optional Workforce Survey in conjunction with licensing survey
 - Last done in 2014
 - 470 Dentists (14%) responded
 - 525 Hygienists (12%) responded
 - Working on report

DENTIST WORKFORCE ANALYSIS

- 95% - Screen for COVID
 - 94% - Comfortable with COVID protocols
- 84% - Support CWF in area
- 80% - Place sealants on eligible patients
- 28% - Use teledentistry
 - Of those, 53% use it about once a month
- 78% - Satisfied or very satisfied in their career, 2% - Very dissatisfied
- 27% - Continue to practice in MO for over 20 years

DENTAL HYGIENIST WORKFORCE SURVEY

- 97% - Screen for COVID
 - 88% - Comfortable with COVID protocols
- 70% - Place sealants
 - Of those, only 19% place sealants on 76-100% of eligible patients
- 88% - Use teledentistry
 - Of those, 48% use it about once a month
- 65% - Satisfied or very satisfied in their career, 4% - Very dissatisfied
- 22% - Continue to practice in MO for over 20 years

TELE-DENTISTRY



TELE-DENTISTRY IN MISSOURI

- Teledentistry is a reality in Missouri
- Teledentistry allows dentist to supervise a hygienist in remote location
 - Synchronous and asynchronous methods
- Allows the hygienist to work to limit of license
- Missouri Dental Practice Act was modified in 2017 to allow teledentistry
- Potential to expand access to care by allowing hygienists to work in nursing homes and schools

ODH ACTIVITIES IN TELEDENTISTRY

- HRSA Workforce Grant – Year 3 of a 4 year grant
- 6 contracts to provide dental services via teledentistry
 - 2 at schools
 - 2 at nursing homes
 - 2 for sealants (& other services at schools)
- 3 contracts soon to be executed to one entity
- Teledentistry Workshop – November 2019, September 2020
- Teledentistry Webinars – 3 in 2019

Oral Health in Missouri - 2020



A Burden Report by



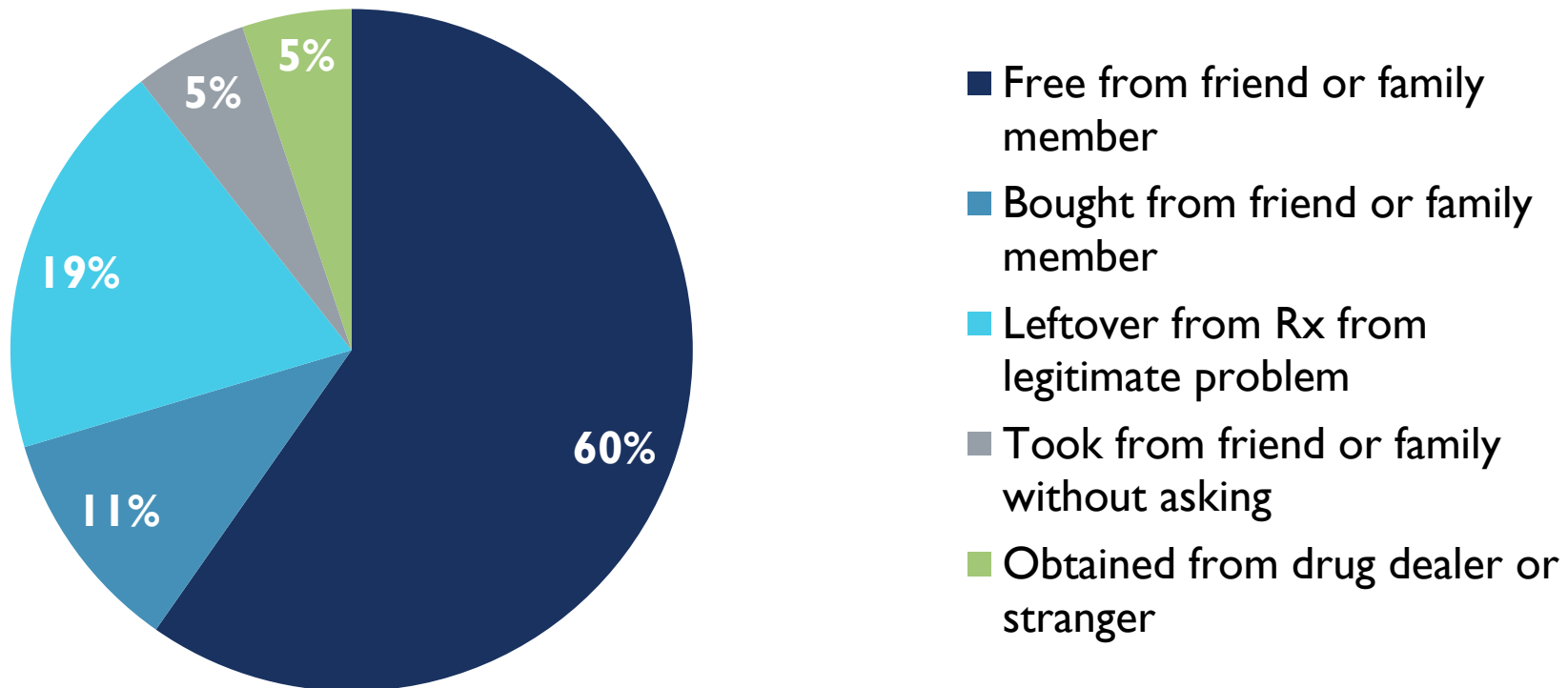


OPIOIDS IN DENTAL PRACTICE

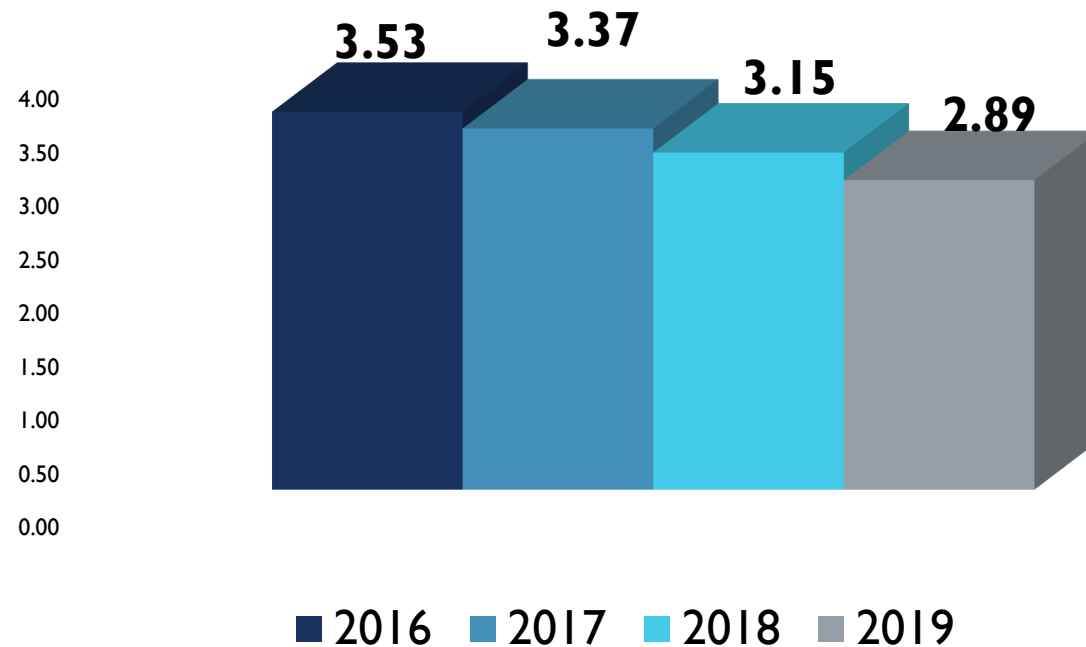
BIGGEST PROBLEM FOR DENTISTS - MISUSED OPIOID PRESCRIPTIONS

- NSDUH survey definition of misuse - use with out a personal prescription or simply for the experience of feeling the drugs caused.

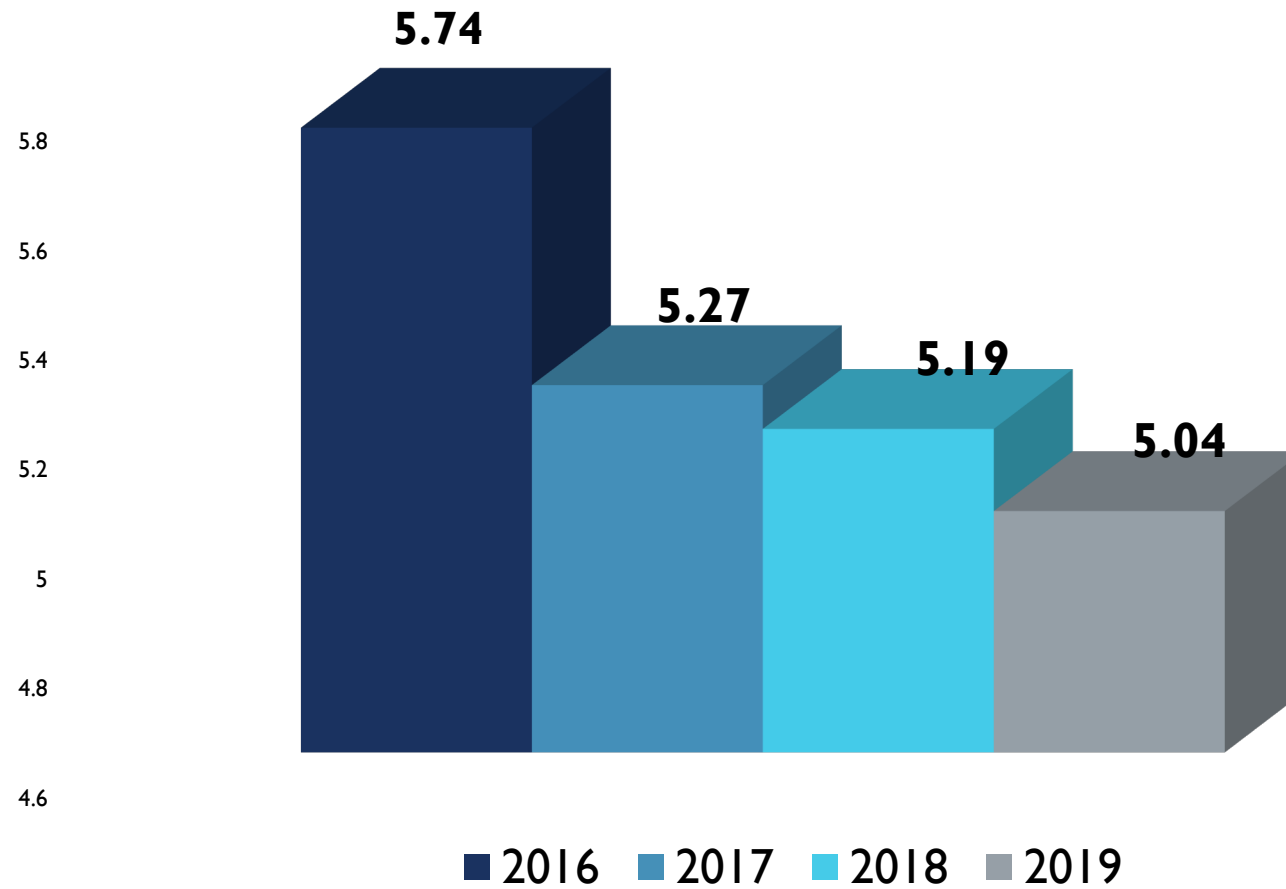
Most Common Sources



DENTAL PRESCRIPTION DAYS OF PRESCRIBED OPIOIDS



DENTAL PRESCRIPTION QUANTITY OF OPIOID DOSES PER DAY



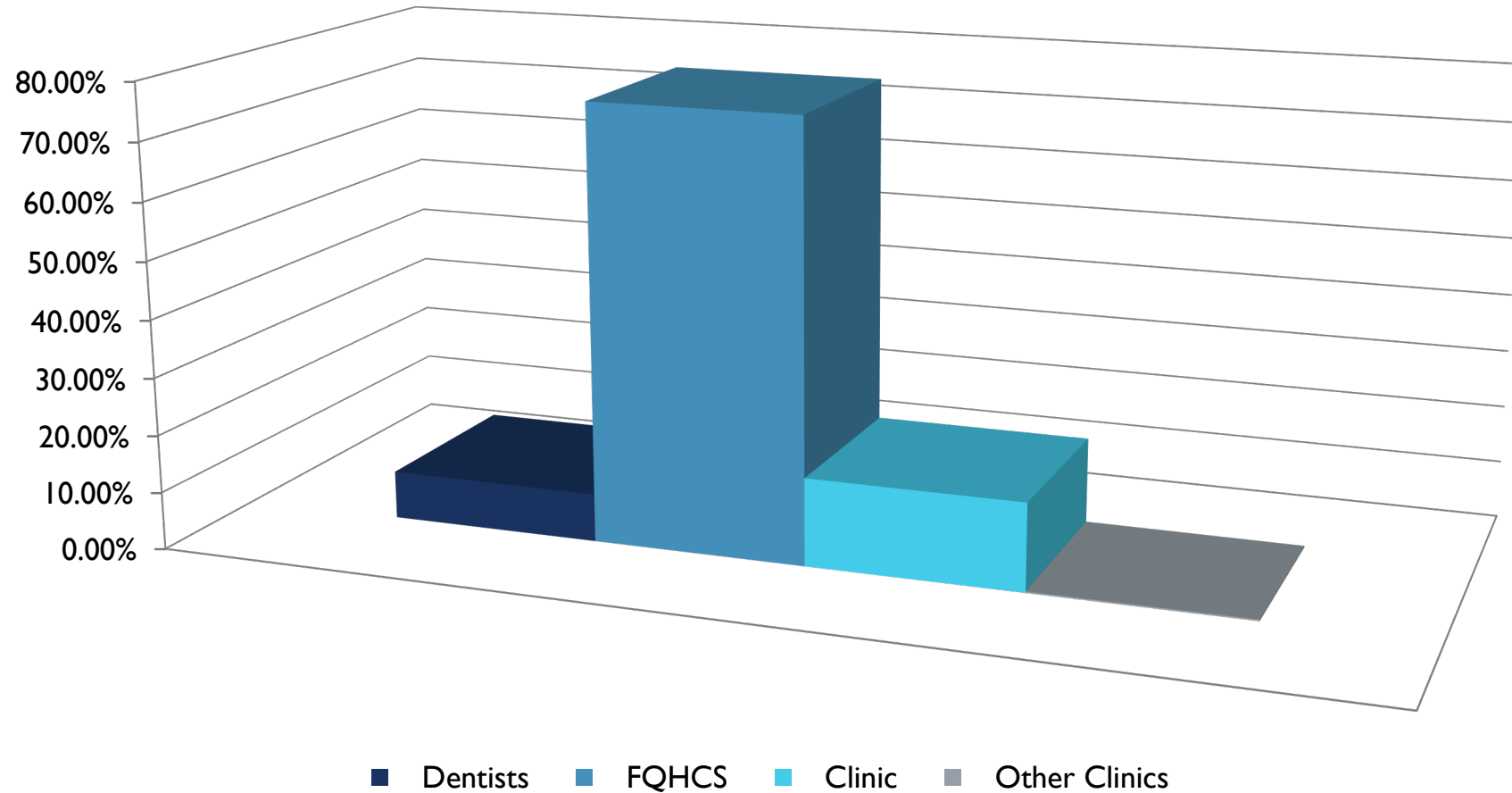
EFFORTS TO CHANGE OPIOID PRACTICES RELATED TO DENTAL PRACTICE

- Fewer opioid prescriptions
 - Reduction of Emergency Department (ED) visits for non-traumatic dental complaints
 - Changes in Dental Practice Act to limit prescribing of opioids by dentists along with educational campaign
 - Raising the awareness of diversion problems when prescribing opioids
 - ODH/MCOH hosted online opioid diversion training November 2020
 - DEA/BNDD diversion education sessions



MISSOURI MEDICAID DENTAL

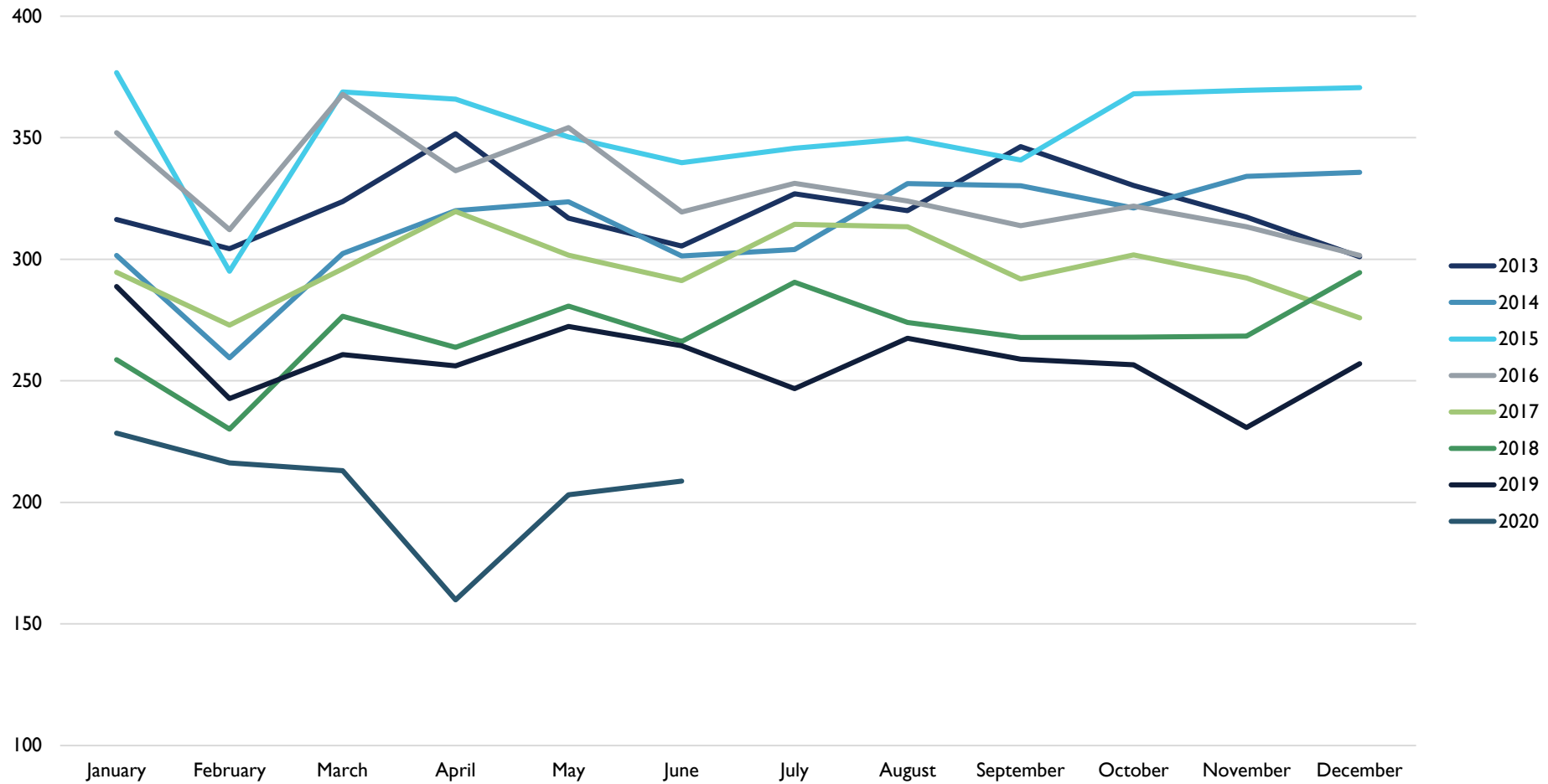
MISSOURI MEDICAID DENTAL PROVIDER DISTRIBUTION BY PRACTICE LOCATION - 2018



NON TRAUMATIC DENTAL VISITS TO EMERGENCY DEPT – MEDICAID CLAIMS

- Adult dental services started January 4, 2016
- January 2018 shows a 44% decrease compared to January 2015
- The rates per 100,000 are 38% lower
- Levels of Medicaid participants has stayed close to same

EMERGENCY DEPARTMENT MEDICAID DENTAL VISITS PER 100,000 PARTICIPANTS



CMS-416, FISCAL YEAR 2019	TOTAL
TOTAL ELIGIBLE 727,148	
Total Eligible receiving any dental services	263,473 36.2%
Total Eligible receiving preventive dental services	238,170 32.7%
Total Eligible receiving dental treatment services	111,094 15.3%
Total Eligible receiving a sealant on a permanent molar tooth	38,171 5.2%
Total Eligible receiving dental diagnostic services	251,631 34.6%
Total Eligible receiving oral health services provided by a non-dental provider	2,395 0.33%
Total Eligible receiving any dental or oral health service	264,562 36.3%

AHR RANKS MO AS 41ST IN MATERNAL ORAL HEALTH

Missouri Medicaid participants don't use pregnancy dental benefits

- MO HealthNet provides comprehensive dental care for pregnant women and 6 weeks post-partum!
- MO HealthNet 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 (16.3%)**

IMPROVING DENTAL CARE FOR PREGNANT WOMEN

- How to improve oral health visits among pregnant women
 - Identify outstanding barriers of preventing oral health visits
 - Claims review of other health conditions that may prevent oral health visits
 - Provide outreach and promote incentives to encourage pregnant women to seek oral health visits
 - Encourage and engage Medicaid providers to provide oral health services to pregnant women

MHD EFFORTS TO IMPROVE UTILIZATION BY PREGNANT WOMEN

- Raising awareness of providers
 - Poster to providers about oral care for pregnant women
 - “Secret shopper” survey of dentists about access to care for pregnant women
 - Plan to survey MDA members about treating pregnant women
 - Article in Missouri Dental journal “Focus” on dental care for pregnant women
- Raising awareness of pregnant women
 - Adding dental visit to “checklist” information that is given to pregnant women
 - Pilot program to send mailings to pregnant women in Cole County advising them of eligibility for dental services

POSTCARD PROGRAM FOR PREGNANT WOMEN

- Cole County pregnant women
- December 2019
- Number of postcards mailed - 223
- Number of members with a dental claim - 92 (41%) as of October 2020



Healthy Teeth - Healthy Pregnancy

Why is dental care important during my pregnancy?

While pregnant, you may be more likely to pass bad bacteria to your baby which makes them more likely to get cavities. Pregnancy also increases the chances of you developing gum disease. To make sure you and baby stay healthy during your pregnancy, it's important to get regular check-ups with your dentist.

Remember, you're brushing for two now. Visit tinyurl.com/ProtectTinyTeeth to learn more.

How do I make an appointment?

To find a dentist in your area, contact your health plan:

Healthy Blue
1-800-322-6027

Home State Health
1-855-694-4663

UnitedHealthcare
1-866-292-0359

What services are covered?

Services covered through MO HealthNet include:

- Cleanings
- Fillings
- Extractions
- Crowns
- Dentures
- Root Canals



IMPROVING DENTAL CARE FOR PREGNANT WOMEN

- Avenues to provide outreach towards pregnant population
 - Continue with established communication methods
 - Use resources currently available
 - Social media platforms, individual flyers to members, text notifications, and outreach by a phone call

ORAL HEALTH IN MISSOURI

- Exciting time for oral health in Missouri
 - Much improvement made past few years
 - Much improvement yet to come
 - Many current projects
 - Still many things to do
 - Many enthusiastic community partners to help

CONTACT INFORMATION

Guy Deyton, DDS

Dental Director

Guy.deyton@health.mo.gov

John Dane, DDS, FAAHD, DABSCD, FACD

Retired Dental Director

Julie Boeckman, BS, Program Manager

Julie.Boeckman@health.mo.gov

Office of Dental Health

573.751 5874