



DENTAL PUBLIC HEALTH: WHERE DO I FIT IN?
OAK HILL, PARKERSBURG, CHARLESTON & BRIDGEPORT WV

PRESENTED BY

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Housekeeping

Course evaluation in exchange for your CE certificate

Resources/Materials can be found on our Marshall University website @ www.wvshtac.org

Session Description: To assist the current dental hygiene workforce in meeting the requirements to apply for public health certification

Course Objectives:

Define and Explore Dental Public Health

Provide an overview of existing Public Health models and best practices around the state of West Virginia

Explore Success Stories of WV Dental Hygienists in Dental Public Health and identify opportunities for future collaborative partnerships

Dental Public Health Quiz

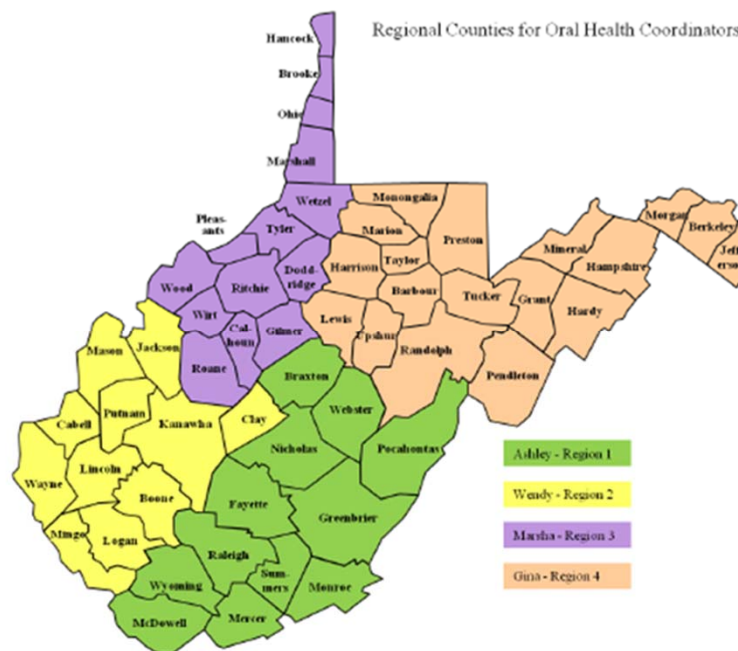




Community & School Oral Health Team



West Virginia Regional Oral Health Education Coordinator Contact List 2013-2014



Region 1: South Eastern West Virginia
Ashley Logan
304-663-3690
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Region 2: South Western West Virginia
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Region 3: North Western West Virginia
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Community & School Oral Health Team

Contributions to Dental Public Health

Statewide Oral Health
Surveillance

Oral Health Education

Fluoride Rinse Program

School Sealant Programs

Multiple funding sources and a wide
variety of deliverables

The screenshot displays the CDC's National Oral Health Surveillance System (NOHSS) website for the State Oral Health Profile of West Virginia. The page is titled "State Oral Health Profile" and "West Virginia". It features a sidebar with navigation links for NOHSS Home, About NOHSS, State Profiles, Other Data Systems, Adult Indicators (Dental Visit, Teeth Cleaning, Complete Tooth Loss, Lost 6 or More Teeth), Child Indicators (Dental Sealants, Caries Experience, Untreated Tooth Decay), Fluoridation Status (Public Water Supply, Fluoridation Growth, Water Supply Statistics), Cancer (Cancer of the Oral Cavity and Pharynx), and Additional Resources (Data Sources, Related Links, Glossary, Contact Us). The main content area provides key statistics for West Virginia, including: Dental Visit (59.9%), Teeth Cleaning (61.6%), Complete Tooth Loss (37.8%), Lost 6 or More Teeth (65.6%), Fluoridation Status (91.7%), Dental Sealants (29.0%), Caries Experience (42.1%), and Untreated Tooth Decay (17.1%). Each statistic includes a brief description, the data source (BRFSS 2008 or State Oral Health Survey), and a link to view demographic data. A note at the bottom states that changes over time are due to improvements in the quality and accuracy of WFRS data, and a more recent estimate of fluoridation status may be available in Oral Health Maps. The page also includes contact information for the West Virginia State Dental Director, Jason M. Roush, DDS.

CDC National Center for Chronic Disease Prevention and Health Promotion
Oral Health Resources
Oral Health Home | Contact Us
National Oral Health Surveillance System

State Oral Health Profile

West Virginia

Change State
West Virginia Go

Dental Visit
59.9% of the population visited the dentist or dental clinic within the past year.
Data source: BRFSS (2008)
View demographic data

Teeth Cleaning
61.6% of the population had their teeth cleaned by a dentist or dental hygienist within the past year.
Data source: BRFSS (2008)
View demographic data

Complete Tooth Loss
37.8% of the population 65+ have lost all of their teeth.
Data source: BRFSS (2008)
View demographic data

Lost 6 or More Teeth
65.6% of the population 65+ have lost 6 or more teeth.
Data source: BRFSS (2008)
View demographic data

Fluoridation Status
91.7% of the population on public water systems is receiving fluoridated water.²
Data Source: CDC Water Fluoridation Reporting System (WFRS)
View Public Water Supply data

² Changes over time are due in part to improvements in the quality and accuracy of WFRS data.
A more recent estimate of fluoridation status for this state may be available in [Oral Health Maps](#).

Dental Sealants
29.0% of 3rd grade students have one or more sealants on their permanent first molar teeth.
Data source: State Oral Health Survey
View State Oral Health Survey information

Caries Experience
42.1% of 3rd grade students with Caries Experience (treated or untreated tooth decay).
Data source: State Oral Health Survey
View State Oral Health Survey information

Untreated Tooth Decay
17.1% of 3rd grade students with untreated tooth decay.
Data source: State Oral Health Survey
View State Oral Health Survey information

State Dental Program Information
The following data were reported by the West Virginia State Dental Director for the ASTDD 2009 State Synopsis:
Dental Director or Program Manager: Jason M. Roush, DDS
Telephone: (304) 356-4353
Fax: (304) 558-3510



Screenings/
Education



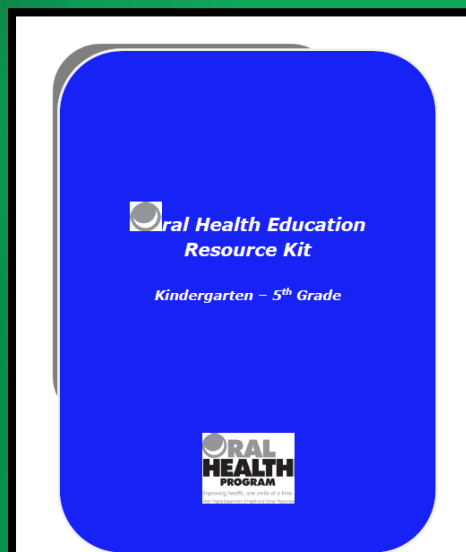
Fluoride
Mouth Rinse
Programs



School
Sealant
Programs



Oral Health
Surveillance



Development
of Educational
Materials

Public Health Activities are Based on ...

Evidence-Based Research (water fluoridation)

Best Practices Models/Protocols (i.e age 1 dental visit)

Center for Disease Control  2020 Oral Health Objectives

National Report Cards (funded by Pew Charitable Trusts)

WV State Oral Health Plan



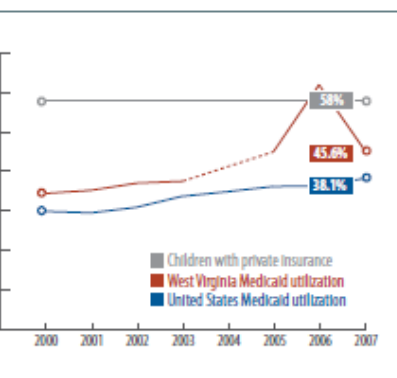
The Cost of Delay: State Dental Policies Fail One in Five Children West Virginia

F
GRADE

WEST VIRGINIA meets just two of eight policy benchmarks aimed at addressing children's dental health needs. The state lacks a school-based sealant program, and it is one of only seven that continue to require a dentist to be present while a hygienist applies sealants to a child's teeth. West Virginia does not reimburse medical professionals for providing basic preventive services to Medicaid-enrolled children. The fact that the state lacks any dedicated, full-time dental staff exacerbates the challenges: The absence of such staff makes it difficult for West Virginia to track and improve the performance of its limited dental programs, and indeed, it does not report data to the National Oral Health Surveillance System. On the positive side, more than 90 percent of West Virginia residents on community water receive fluoridated water, and nearly 46 percent of Medicaid-enrolled children received dental services in 2007, the year for which data are available—beating the national average.

WHY IS THIS A PROBLEM?

WHY CHILDREN LACK ACCESS TO DENTAL CARE, AND WHAT ARE THE OUTCOMES. One measure of the problem: more than half of the children on Medicaid received no dental service in 2007.



FOR NATIONAL BENCHMARKS: 1) Association of State and Territorial Health Officials; 2) American Dental Hygienists' Association; 3) Centers for Disease Control and Prevention, Division of Oral Health; 4) American Dental Association; 5) American Academy of Pediatrics; 6) National Oral Health Surveillance System.

West Virginia submitted data in 2006 that appear to be abnormally high. Possible problems with the submission. Please use caution when interpreting the data in question for this year. West Virginia did not submit data for 2007.

HOW WELL IS WEST VIRGINIA RESPONDING?

MEASURED AGAINST THE NATIONAL BENCHMARK FOR EIGHT POLICY APPROACHES

	STATE	NATIONAL	MEETS OR EXCEEDS
Share of high-risk schools with sealant programs, 2009	0%	25%	
Hygienists can place sealants without dentist's prior exam, 2009	N	Y	
Share of residents on fluoridated community water supplies, 2006	91.7%	75%	✓
Share of Medicaid-enrolled children getting dental care, 2007	45.6%	38.1%	✓
Share of dentists' median retail fees reimbursed by Medicaid, 2008	49.9%	60.5%	
Pays medical providers for early preventive dental health care, 2009	N	Y	
Authorizes new primary care dental providers, 2009	N	Y	
Tracks data on children's dental health, 2009	N	Y	
Total score	F		2 of 8
Grading: A = 6-8 points; B = 5 points; C = 4 points; D = 3 points; F = 0-2 points			

The State of Children's Dental Health: Making Coverage Matter West Virginia

C
2011 GRADE

West Virginia meets half of the eight policy benchmarks aimed at addressing children's dental care, a significant improvement since 2010. The state reports that sealant programs are now in more than one-quarter of high-risk schools. Additionally, the state surpasses the national threshold for the Medicaid rates it pays as a percentage of dentists' median retail fees. West Virginia may make further progress soon on Pew's benchmarks. The state is considering reimbursing medical providers for preventive dental health services, although the policy was not in place in 2010.

HOW WELL IS WEST VIRGINIA RESPONDING?

2011: **C**

DATA YEAR	MEASURED AGAINST THE NATIONAL BENCHMARKS FOR EIGHT POLICY APPROACHES	STATE	NATIONAL	MEETS OR EXCEEDS
2010	Share of high-risk schools with sealant programs	25-49%	25%	✓
2010	Hygienists can place sealants without dentist's prior exam	NO	YES	
2008	Share of residents on fluoridated community water supplies	90.6%	75%	✓
2009	Share of Medicaid-enrolled children getting dental care	48.5%	38.1%	✓
2010	Share of dentists' median retail fees reimbursed by Medicaid	62.5%	60.5%	✓
2010	Pays medical providers for early preventive dental health care	NO	YES	
2010	Authorizes new primary care dental providers	NO	YES	
2010	Tracks data on children's dental health	NO	YES	
Total score				4 of 8

2010: **F**

MET OR EXCEEDED
✓
✓
2 of 8

West Virginia
Oral Health Plan
2010 – 2015



March 2010



Bureau for Public Health
350 Capitol Street, Room 427
Charleston, West Virginia

Joe Manchin III, Governor
Patsy A. Hardy, Cabinet Secretary

WV State Oral Health Plan 2010-2015 2015-2020 Currently underway

State Oral Health plan provides
data and strategies to move WV
forward

Successes include CDC/Sealant
Grant, Health Resources and
Services Administration
(HRSA)/Loan Repayment Grant

**Led by our State Dental
Director Dr. Jason Roush**



Facts and Figures



Poor Oral Health impacts Overall Health and Well-being

The single most common chronic childhood disease _____.

For the first time in 40 years, tooth decay is on the rise.

Social/economic impact - _____ million school hours are lost each year to dental-related illness.

The most common dental diseases (dental cavities and periodontal disease) are preventable!!

Untreated Cavities Can Lead to....

Extreme Pain

Spread of Infection

Difficulty chewing, poor

nutrition, below average weight

Costly dental treatment

Additional decay and malocclusion in
permanent dentition

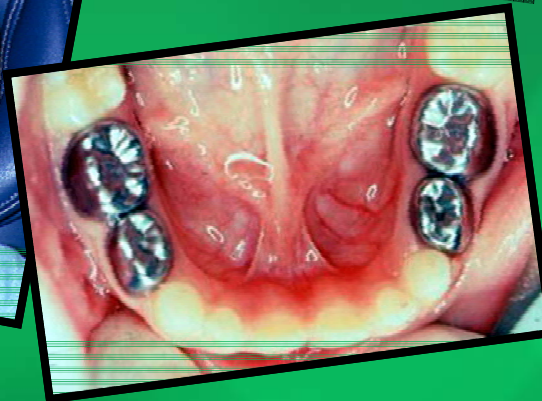
Consequences of untreated Decay in the School Aged Population :

Missed School Days

Impaired Speech development

Inability to Concentrate

Reduced Self-esteem



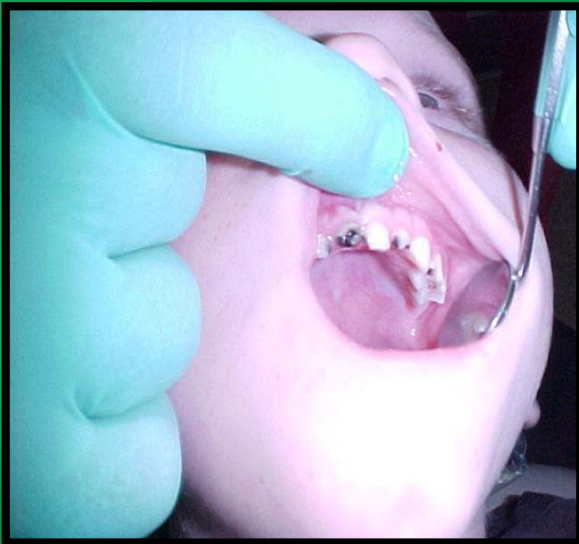
Boy Dies After Bacteria From Tooth Spread to Brain



Source: Washington Post , February 28, 2007, Page B01, Mary Otto

A Silent Epidemic





What do we know for sure?

Surveillance

Universal Pre-K

School Aged

Adult

Seniors



CAUSES FEAR WORLDWIDE

since 1924.

IV Universal Pre-Kindergarten

TREATED DECAY 21%

DECAY EXPERIENCE 34%

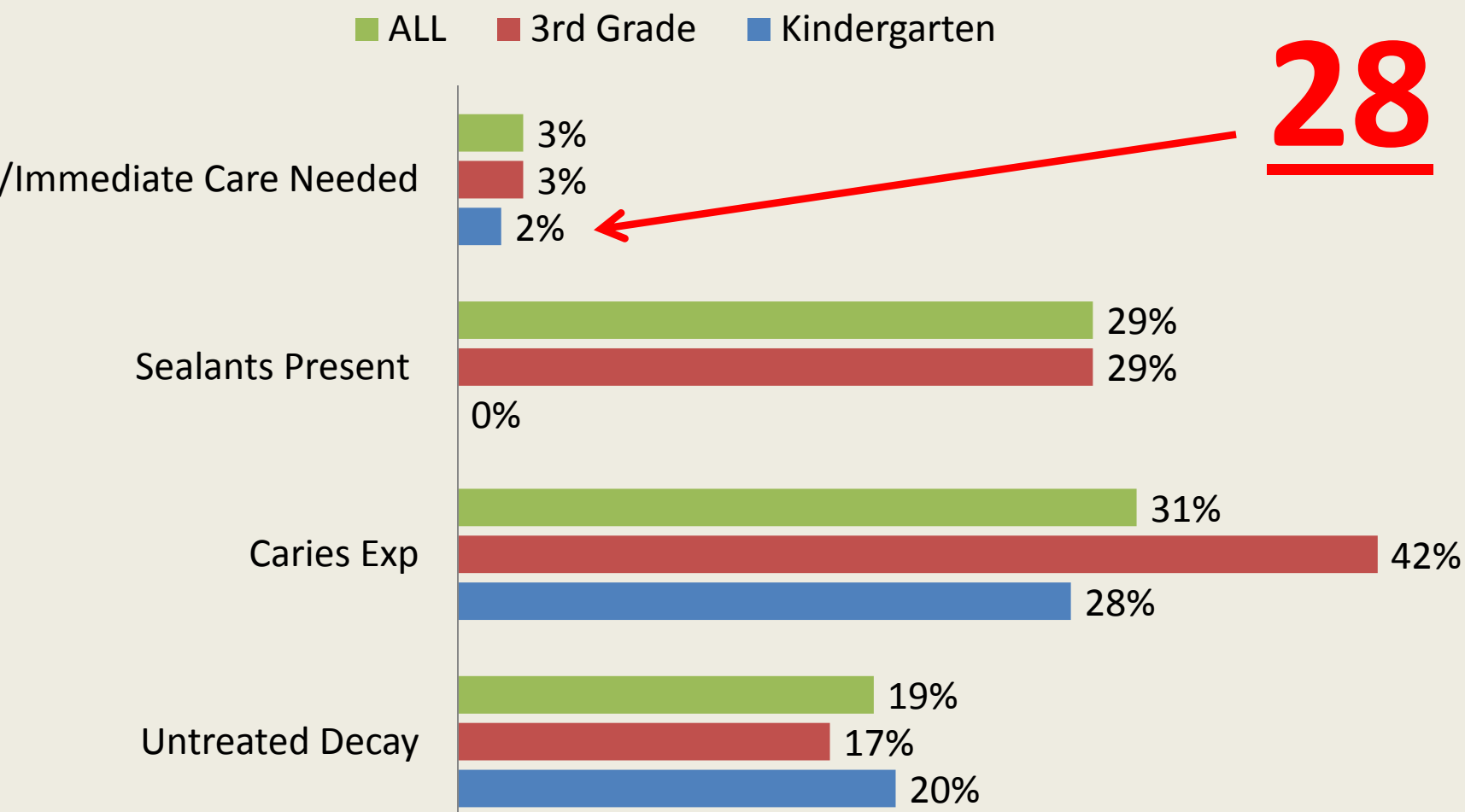
WHITE SPOT LESIONS 35%



ED TREATMENT (EARLY/URGENT) 21%



W School Aged (K & 3rd Grade)



WV Adults

reated Decay 30%
mpletely Edentulous 12%
ed for Dental Treatment 33%
% had Dental Coverage (81% Medical)
(16%) Said they could not access dental care when
y needed in the past 12 months
(7%) Said they had used an ER/Urgent Care setting
dental pain over the past 12 months

riers to Care

reported no insurance coverage
reported couldn't afford it
reported "other"

(53%) reported that they had visited a dentist in the past
months



WV Seniors

Untreated Decay 27%

Completely Edentulous 44%

Need for Dental Treatment 21%

8 % had Dental Coverage (96% Medical)

0% have not visited a dentist in the past five years
of that 40%, 92% stated they had no dental coverage)



The Dental Workforce Infrastructure in WV

- ___ Dental School-accepting ___/year
- ___ Dental Hygiene Schools

Current WV Oral Health Workforce

Licensure Statistics

DENTAL

Total Active	1235
Practicing in WV	879
Active Volunteer	4

DENTAL ANESTHESIA

Class 2	30
Class 3A	22
Class 3B	14
Class 4	34
Qualified Monitor	240

HYGIENE

Total Active	1362
Practicing in WV	920
Active Volunteer	0

HYGIENE PERMITS

General Supervision	703
Public Health	96
Local Anesthesia	308
Bleaching	464
Nitrous Monitoring	534

DENTAL ASSISTANTS

Coronal Polishing	136
Nitrous Monitoring	916
Restorative	692
Restorative & Ortho	26
Orthodontic	335

Workforce Survey

DDS-53%, DH-57%

West Virginia Dental and Dental Hygiene Workforce Survey



The West Virginia Board of Dental Examiners in cooperation with West Virginia University School of Dentistry and the West Virginia Department of Health and Human Resources-Oral Health Program, request the following information be completed and returned with your re-licensure application.

As dental hygienists and dentists graduate each year from West Virginia accredited schools, many leave the state to gain employment. The purpose of this census is to match new dental hygiene and dental graduates with dental practitioners that are actively seeking an associate or dental hygienist and to gather information on the dental workforce in the state. You do not need to complete the census report for re-licensure; however, the information you provide will be very helpful and utilized to achieve our goals as outlined above.

1. WHICH DENTAL HYGIENE SCHOOL AND WHAT YEAR YOU WERE AWARDED YOUR D.D.S., D.S., OR D.H. DEGREE?

☐ HINDS COMMUNITY SCHOOL AND WHAT YEAR YOU WERE AWARDED YOUR D.D.S., D.S., OR D.H. DEGREE?

☐ SOUTHERN WV COMMUNITY AND TECHNICAL COLLEGE

☐ WEST VIRGINIA UNIVERSITY

OTHER, PLEASE LIST: _____

2. YEAR OF BIRTH:

3. RACE: ☐ WHITE ☐ BLACK/AFRICAN AMERICAN ☐ AMERICAN INDIAN/ALASKA NATIVE ☐ ASIAN ☐ NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER ☐ OTHER

4. GENDER: ☐ MALE ☐ FEMALE

5. PLEASE INDICATE FROM THE CHOICES BELOW, WHICH AREA(S) YOU WOULD LIKE TO RECEIVE CONTINUING EDUCATION:

☐ YOUTH CHILDREN BIRTH TO FIVE

☐ WOMEN'S PERINATAL HEALTH

☐ CHILDREN AND ADULTS WITH SPECIAL NEEDS

☐ PRACTICE MANAGEMENT

☐ GERIATRIC DENTISTRY

OTHER: _____

6. IF YOU ARE NOT CURRENTLY PRACTICING, YOUR REASON(S) FOR NOT PRACTICING IS/ARE: _____

7. IF YOU ARE CURRENTLY PRACTICING, YOUR CURRENT PRACTICE TYPE IS: _____

8. WHICH ONE OF THE FOLLOWING BEST DESCRIBES THE PRACTICE RESEARCH OR ADMINISTRATION AREA IN WHICH YOU WORK? PLEASE CHECK ONLY ONE.

☐ GENERAL DENTISTRY

☐ PEDIATRIC DENTISTRY

☐ ORTHODONTICS

☐ PERIODONTICS

☐ PROSTHODONTICS

☐ ORAL AND MAXILLOFACIAL SURGERY

☐ ORAL AND MAXILLOFACIAL RADIOLOGY

☐ DENTAL PUBLIC HEALTH

☐ EDUCATION/ACADEMIC APPOINTMENT

OTHER: _____

9. WHAT KINDS OF DIFFICULTY (IF ANY) HAVE YOU EXPERIENCED IN FINDING A POSITION AS A DENTAL HYGIENIST? CHECK ALL THAT APPLY.

☐ NONE

☐ LOOKING FOR FULL TIME EMPLOYMENT AND CANNOT FIND IT

☐ THE DAYS REQUIRED FOR EMPLOYMENT ARE UNAVAILABLE

☐ INADEQUATE SALARY

☐ INADEQUATE BENEFITS

☐ TRAVEL TIME/DISTANCE TO WORK ENVIRONMENT

☐ OTHER: _____

10. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ NO

☐ IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

11. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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13. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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14. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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15. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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16. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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17. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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18. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

19. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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20. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

21. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

22. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

23. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

24. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

25. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

26. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

27. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

28. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

29. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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30. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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31. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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32. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

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33. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

34. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

35. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

36. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

37. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

38. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

39. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

40. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

41. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

42. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

43. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

44. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

45. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

46. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

47. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

48. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

49. IF YES, PLEASE LIST IN WHAT COUNTY(IES) AND HOW MANY ADDITIONAL HOURS A WEEK ARE YOU SEEING?

☐ 1-4 HRS ☐ 5-9 HRS ☐ 10-14 HRS ☐ 15-19 HRS ☐ 20-24 HRS ☐ 25+ HRS

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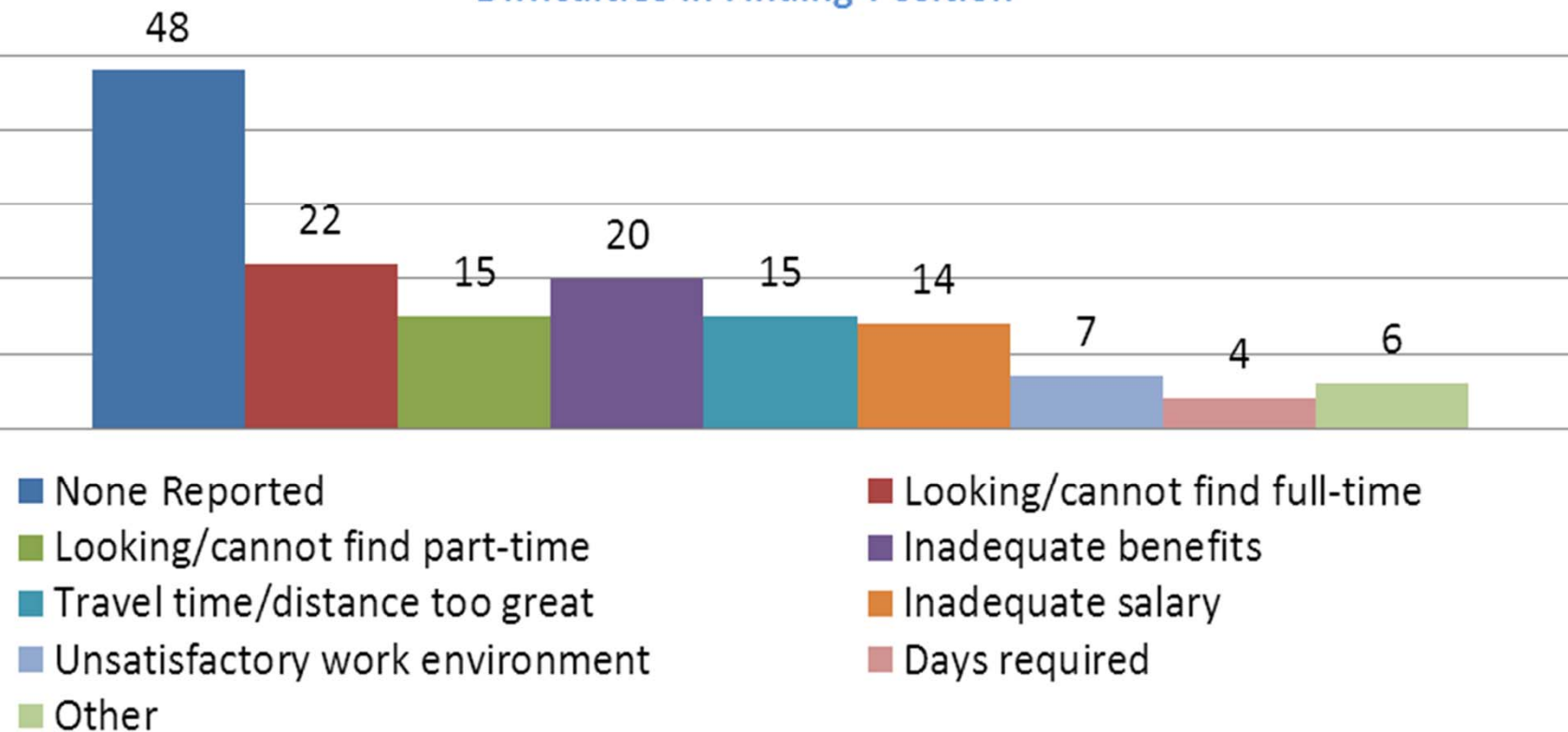
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- 37% of dentists in West Virginia plan to retire in the next ten years.
- According to the West Virginia University School of Dentistry, only 12.5% of the 2011 graduates remained in West Virginia upon graduation, compared to 27.5% in 2010 and 42% in 2009.

22% DH said that they were looking but could not find full-time employment
15% DH were looking but could not find part-time employment.

Difficulties in Finding Position



Dental Public Health Activity: Creating Opportunities

Mary Beth Shea RDH

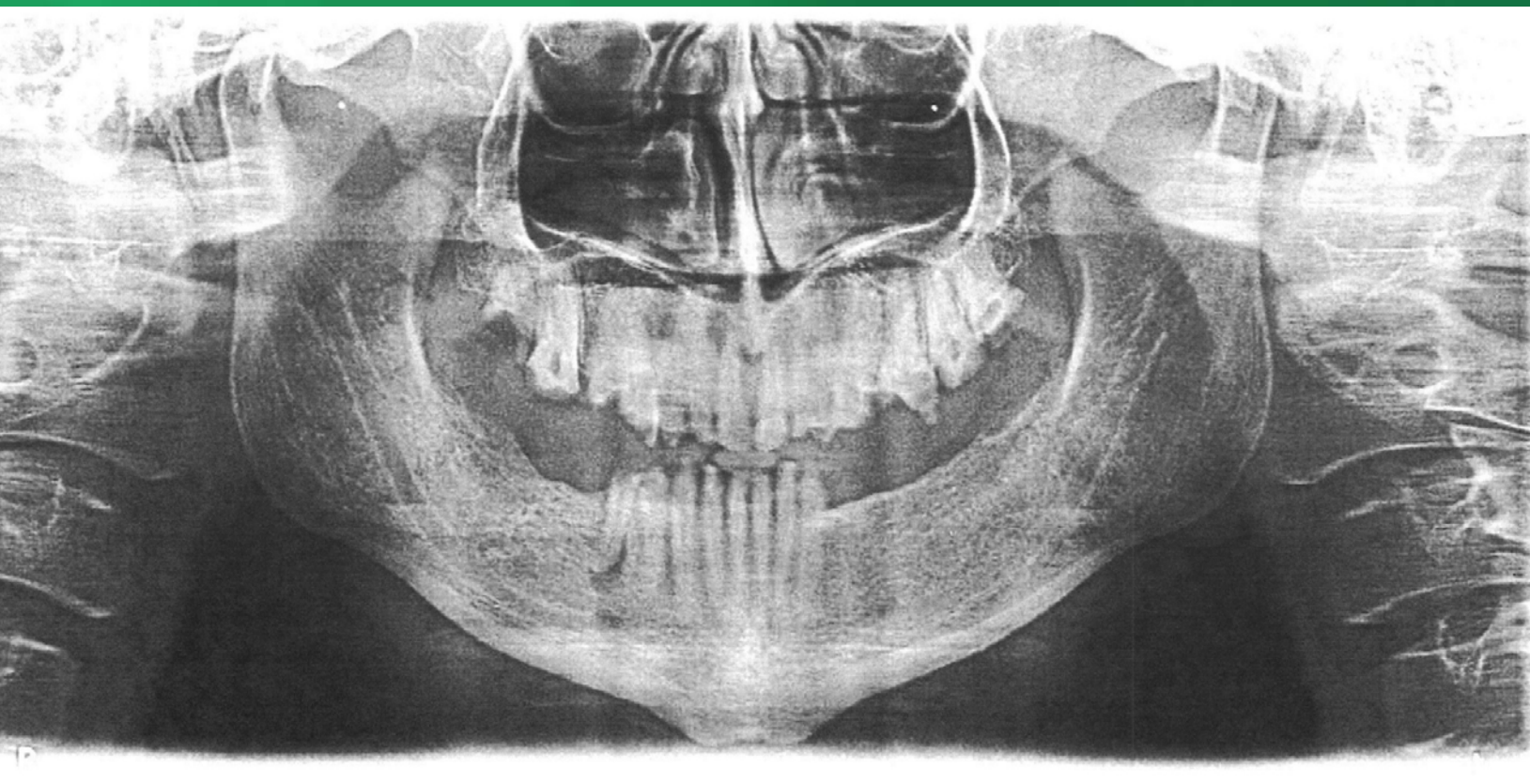
Mid-Ohio Valley Health Department-Smiles for
Life Program



22 Year Old Male Mountain Dew Mouth



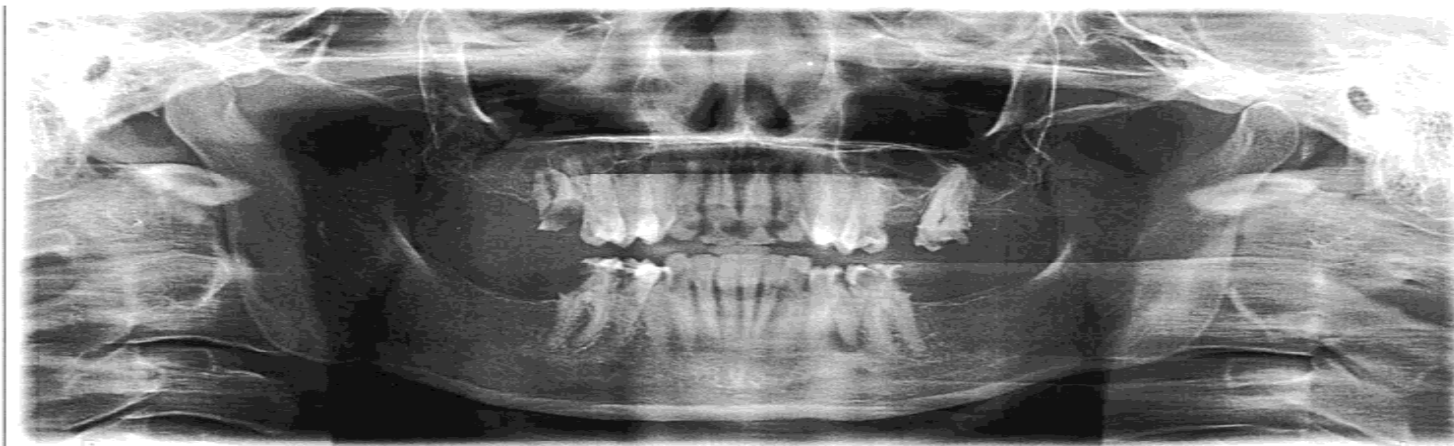
28 Year Old Male Meth Mouth



27 Year Old Female Mountain Dew Mouth

CS SoftDent Software v14.2.5

Mid Ohio Valley Health Department



WOWK Channel 13 April 24, 2014

WOWK investigates if there is a connection
between Mountain Dew and Meth?



<http://www.wowktv.com/video?clipId=10096081&autostart=true>

**WV has a NEED that must be filled:
Is there an opportunity for you???**

If you want something in your life you've never had,
you'll have to do something, you've never done.

~ JD Houston



Who is served in the community through dental public health?

Affluent individuals vs. Low Socio-economic status individuals?

Adults vs. Children?

Insured vs. Uninsured?

Rural vs. Urban?

Venues- the “Where”

FQHCs/Community Health Centers

Nursing Homes/Senior Centers

School Based Health Centers

Health Departments

Head Start/WIC and other programs

Free Clinics

Mobile Dentistry Units

Activities- the “What”

Fluoride Mouth Rinse Programs

School Sealant Programs

Home Visitors Intervention

Oral Health Education

Anti-Tobacco Programs

Direct Services

In Conjunction with WV State Dental Director and WV
Department of Health and Human Resources, Office of
Maternal Child and Family Health- Oral Health Program



Oral Health Education

Schools

Communities

Senior Centers

Health Fairs

Allied Health Schools

Hospitals

At Risk Populations

Centers



Direct Service Programs

- FQHC/Community Health Center
- Free Clinic
- Health Department
- Dental School and Dental Hygiene Programs
- Mobile Dental Clinics
- WV School based sealant programs
 - ARC-Benedum
 - CDC/DHHR Sealant Program



FQHC/Community Health Centers

Harrison County:

Shinnston Medical Center

- by Monongahela Valley Association of Health Centers, Inc.

West Milford Community

- Community Care of West Virginia

Marion County:

Fairmont Clinic

- by Monongahela Valley Association of Health Centers, Inc.

Taylor County:

Dental Center of Taylor County

CDC/DHHR Sealant Program



WV's use of Technology for Data Collection

2013 ORAL DISEASE PREVENTION PROJECT (ODPP) This state-wide school-based sealant program is funded by the CDC and is managed by the WV Department of Health and Human Resources, Oral Health program. One of the program goals is documenting the care coordination in helping the student to identify a dental and medical home and follow up to recommended restorative treatment.



SBHC'S in Harrison County

Sponsored by Community Care of WV

Big Elm Elementary Wellness Center
Lost Creek Elementary School-Based Health Center
Lumberport Elementary Wellness Center
Nutterfort Primary Wellness Center
West Milford Elementary Wellness Center
Lumberport Middle School Wellness Center
Washington Irving Middle School Wellness Center
Nutterfort Intermediate Wellness Center
Lincoln High School Wellness Center
Robert C. Byrd High School Wellness Center
South Harrison Middle Wellness Center

SBHC'S in Marion County

East Fairmont High School Wellness Center

North Marion High School Wellness Center

- Sponsored by Monongahela Valley Association of Health Centers, Inc.
- Working on opening 2 additional SBHC's in elementary schools in the area

Other WV Public Health Activities

Water Fluoridation Issues

(Reduces Caries by ____%)

School Wellness Councils

Additional Opportunities

- Fluoride Rinse Program

- Give Kids a Smile

- Free Clinic/Service Days

- Volunteer Days

The Exponent Telegram

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URSE 1-800-291-0071
350 Barnett Run Road, Bridgeport, WV
UrseAutos.com
We have the lowest price guarantee.

Water Board: Fluoridation will continue for now

Story | [Recommend](#) | [Tweet](#) 1 | [Print](#) | [Size](#) | [0](#)

Posted: Tuesday, September 24, 2013 8:17 pm
by Jim Davis STAFF WRITER | 3 comments

CLARKSBURG — The Clarksburg Water Board will not be taking fluoride out of the water supply any time soon.

The Water Board took no action Tuesday after hearing from health professionals arguing that fluoride reduces tooth decay and is safe in low concentrations and from opponents who question both assertions.

Board President Al Cox, who leans towards continuing the practice of adding fluoride to the water supply, said he didn't think the board was in a position to change course.

Cox likened the volumes of material the board keeps receiving from both sides of the issue to the Affordable Care Act.

"Personally, I find that hard to do," Cox said of making a hasty decision. "I'm not a scientist. Nobody here's a scientist. We're trying to weave through this."

Fellow board members Paul Howe and Charlie Thayer, who have expressed concerns about long-term use of fluoride on human health, agreed.



Fluoride debate

Gina Sharps, an area dental hygienist, calls on the Clarksburg Water Board Tuesday to continue fluoridating the water supply. Fellow fluoride proponent Craig Cobb, with the West Virginia Bureau for Public Health, is next to Sharps, while fluoride opponent Cleve Bowle sits at the far end. Staff photo by Jim Davis

WV Fluoride Mouthrinse Project

West Virginia Fluoride Mouthrinse Project Instruction Manual

The Fluoride Mouthrinse (FMR) Project Manual provides information for school administrators and personnel, FMR coordinators and parents. It includes project administration guidelines, policies and procedures, teacher recommendations and forms.



**West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Maternal, Child and Family Health
Oral Health Program**

350 Capitol Street, Room 427
Charleston, WV 25301
1-800-642-8522
www.dhhr.wv.gov/oralhealth

WV Fluoride Mouthrinse Project

Manual has been updated and has all necessary documents for implementing project

FMR Project is for 30 weeks (rinsing 1x per week) and is voluntary

Parental permission is needed

All supplies are provided by the OHP **free of charge**

No longer has to be sole responsibility of school nurse

Why Implement A Fluoride Rinse Project?

Latest evidence-based scientific literature reported majority of children who were at a higher risk of dental caries include those who have little exposure to fluoride, low income, poor diet

Systematic review of research on fluoride mouthrinses concluded that 1 in 2 children with high levels of tooth decay will have less decay by using fluoride mouthrinses in school based programs

Has been shown to reduce the number of cavities by 35% when implemented regularly

How To Implement FMR Project

Fluoride Mouthrinse Project Operation

**WV DHHR OMC FH Oral Health Program (OHP)
Trained Dental Hygienist**

Trains School FMR Project Coordinator

School FMR Project Coordinator

School FMR Project Coordinator can be, but is not limited to, a reliable parent volunteer, school nurse* or health aide. The FMR Project Coordinator manages and implements the Project, completes reports, and oversees safe storage, mixing, and dispensing protocols. In addition, the FMR Project Coordinator orders supplies from the OHP and trains new teachers and volunteers involved with the FMR Project.

**WV DHHR OMC FH Oral Health Program (OHP)
Trained Dental Hygienist**

Conducts site visits to monitor programs. Observes storage, mixing, dispensing, and rinsing in the classrooms. Conducts telephone monitoring as needed. Receives and reviews reports submitted by the FMR Project Coordinator each school year.

*School nurse must have a standing order by a medical provider to coordinate the FMR Project as required by the WV-RN Practice Act.

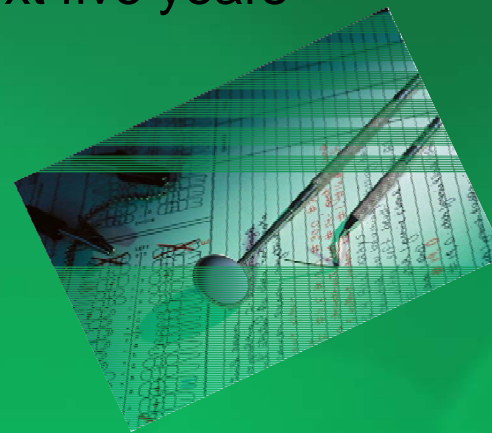
WV Fluoride Mouthrinse Project



Future, very near future opportunities: Mandated Dental Exam

The dental examination will be phased-in over the next five years

- PreK and Kindergarten (SY 2015/16)
- Grade 2 (2016/17)
- Grade 7 (2017/18)
- Grade 12 (2018/19)



****Opportunity for Practice Building?***

student will be denied entry into school if they do not have proof of a dental examination. The student without proof of a dental examination will be enrolled, with parent/guardian permission, into the WVDHHR- Oral Health Disease Prevention Project, to receive an oral health assessment from a dental provider regardless of their ability to pay.



Your Turn!!



1.

Part A. Do you feel a dental public health initiative/program is needed in our area?

Part B. If so, why? If no, why not?

2.

Part A. How do YOU define a Public Health Dental Hygienist??

Part B. Include: Activities, Locations/Venues of practice, Characteristics, Target population

What does it take to obtain a PH Certification in WV?

**WEST VIRGINIA BOARD OF DENTAL EXAMINERS
DENTAL HYGIENE
PUBLIC HEALTH PRACTICE PERMIT
APPLICATION**

Name: _____

Address: _____

County: _____

Current WV License # _____

- I. _____ Two (2) years and three (3) thousand hours of clinical dental hygiene experience.
- II. _____ Successful completion of a three (3) hour course in the identification and prevention of medical emergencies as part of continuing education credits for licensure every two years. (Must attach a copy of the CE certificate including course title, presenter, sponsor and date.)
- III. _____ Successful completion of a three (3) hour course in general public health content. (Must attach a copy of the CE certificate including course title, presenter, sponsor and date.)
- ****Initial application requires courses to be completed within the past two (2) years.
- IV. _____ Application Fee: \$25.00 (Make check payable to the WV Board of Dental Examiners.)

**You are not authorized to engage in public health practice, as defined by 8.5, until your application is completed, and a certificate is received from the Board.

I, _____, attest that I have completed a minimum of two (2) years and three (3) thousand hours of clinical experience in the practice of dental hygiene. I understand that filing of false information may subject my license to disciplinary action including, but not limited to, revocation or suspension of my license.

Signature of Dental Hygienist

Mail application to: WV Board of Dental Examiners

Scope of Public Health Dental Hygienists

(j) The following procedures may be performed by a dental hygienist with no supervision of a licensed dentist:

- (1) Dental health education;
- (2) Nutritional counseling;
- (3) Preparing a generalized oral screening with subsequent referral to a dentist;
- (4) Applying fluoride;
- (5) Charting existing restorations and missing teeth;
- (6) Recording medical and dental histories;
- (7) Examining and recording periodontal findings ; and

(8) Complete dental prophylaxis, which may include supra- and subgingival scaling of teeth and polishing of coronal and/or exposed surfaces of teeth. The dental hygienist and a licensed dentist shall attempt to reach a collaborative agreement regarding such treatment. If such an agreement cannot be reached then the dental hygienist shall have a written order from a licensed dentist

COLLABORATIVE AGREEMENT FOR PUBLIC HEALTH PRACTICE

(Agency or Dentist LLC)

This document will serve as a "Collaborative Agreement", and is a written binding document between "Dentist" and "Dental Hygienist", employed under the public health setting of a _____ noted as _____.

The "Dentist", _____ WV License Number _____
residing at _____ Phone _____
and practicing dentistry (as an employee of _____, located in _____, WV) OR (in a
private practice in _____, WV)

The "Dental Hygienist" _____ WV License Number _____
Residing at _____ Phone _____
and practicing public health dental hygiene as an employee of _____ WV.

Dental Hygienist shall practice under public health supervision at all sites operated by _____ (list site and location of all sites)

OR

Dental Hygienist shall practice under public health supervision at all sites listed _____: (list site and location of all sites)

Dental Hygienist shall conduct procedures listed as allowable by the West Virginia Board of Dentistry, under Public Health Supervision, and in accordance with the standard of practice; this pertains to abiding by all OSHA and HIPAA guidelines and complying with all Policies and Procedures listed in Manuals.

Dentist agrees to be available to provide an appropriate level of contact, communication, collaboration, and consultation with the dental hygienist, although the dentist may not be present when the procedures are performed, as indicated by the WV Board of Dentistry. In addition to providing follow-up care for the patients seen by the collaborating dental hygienist, dentist will be responsible for the services provided by the collaborating dental hygienist.

Dentist/Agency will be solely responsible for billing and collection, patient records maintenance, and will provide malpractice under FTCA coverage.

Dentist _____ Date _____

Dental Hygienist _____ Date _____

WV Public Health Certification

WV Dental Board

(h) The dental hygienist may engage in public health practice, consistent with conditions listed above, in the following settings; hospitals, schools, correctional facilities, jails, community health centers, long term care facilities, nursing homes, home health agencies, group homes, state institutions, the Department of Health and Human Resources, public health facilities, homebound settings and approved Dental Hygiene Education programs.

General Supervision Permit Public Health Practice Permit

Date of Report Filing: _____

****This Reporting Form must be completed and returned to the Board of Dental Examiners with the Registered Dental Hygienist's annual license renewal form. Failure to report activities in public health settings will result in disciplinary action. Please review Section 5-1-8.4 and 5-1-8.5 of the Rule for the West Virginia Board of Dental Examiners for information regarding practice rules and settings.**

You are half way there...

Today's course qualifies as 2CE Public Health Content

Paperwork

Opportunity for Medical Emergencies Course

Additional Hours of Public Health Content

Public Health CE Offerings

WV KidStrong Conference-June 17 & 18,
Charleston, WV

**Marshall University Back to School
Workshop***- July 28, 2014 **

West Virginia Public Health Association—
September 18, 2014, Oglebay, WV

**Marshall University's School Community Oral
Health Conference*** -September 26, 2014

Online CE

e

from Medical Emergency Course



So Now.....

Where do you fit in?

Do you feel you fit in? If not, is there a reason?

What do you find most intriguing about the future of public health hygienist in WV?

How else can we help you develop your public health role?

Dental Public Health Quiz



Questions or Comments???



**Please see the map with our
contact information inside your
packet**

www.wvshtac.org

