

School and Community Partnerships for Children's Oral Health

National Oral Health Conference

St. Louis, Missouri

April 28th, 2010

WV's School and Community Partnerships for Children's Oral Health



**Collaborative Efforts to improve the
Oral Health of West Virginia's
School-Aged Children.**

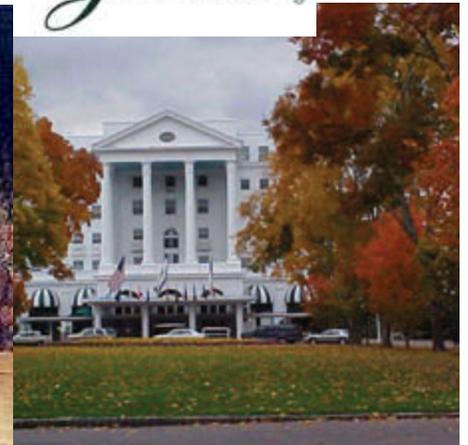
Bobbi Jo Muto, RDH, BS
Mary Beth Shea, RDH, BS

Almost heaven....

- Became separate state in 1863
- Coal Mining and Tourism
- Famous West Virginians :
Mary Lou Retton, Jennifer Gardner, Don Knotts, Chuck Yeager, Kathy Mattea, Brad Paisley and Jerry West



The *Greenbrier*



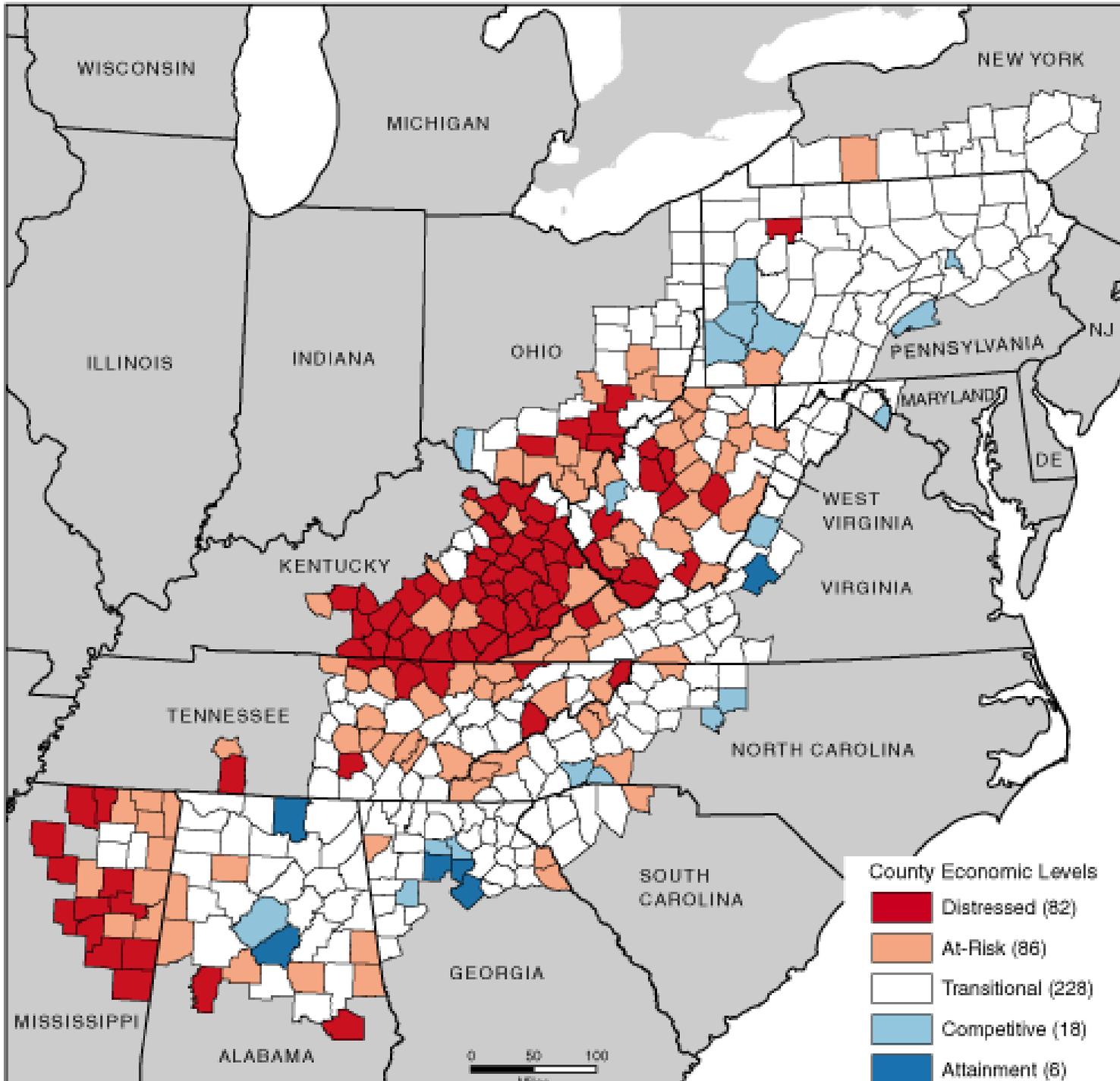
Not So Heavenly.....

WV among worst the in

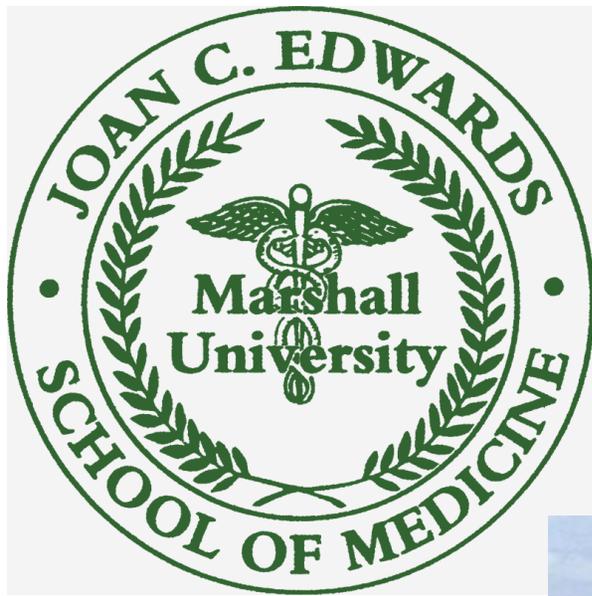
Nation:

- Obesity
- Tobacco use
- Edentulism
- Diabetes rates
- Fair/poor health status
- Lowest per capita income
- Highest rate of residents below the FPL





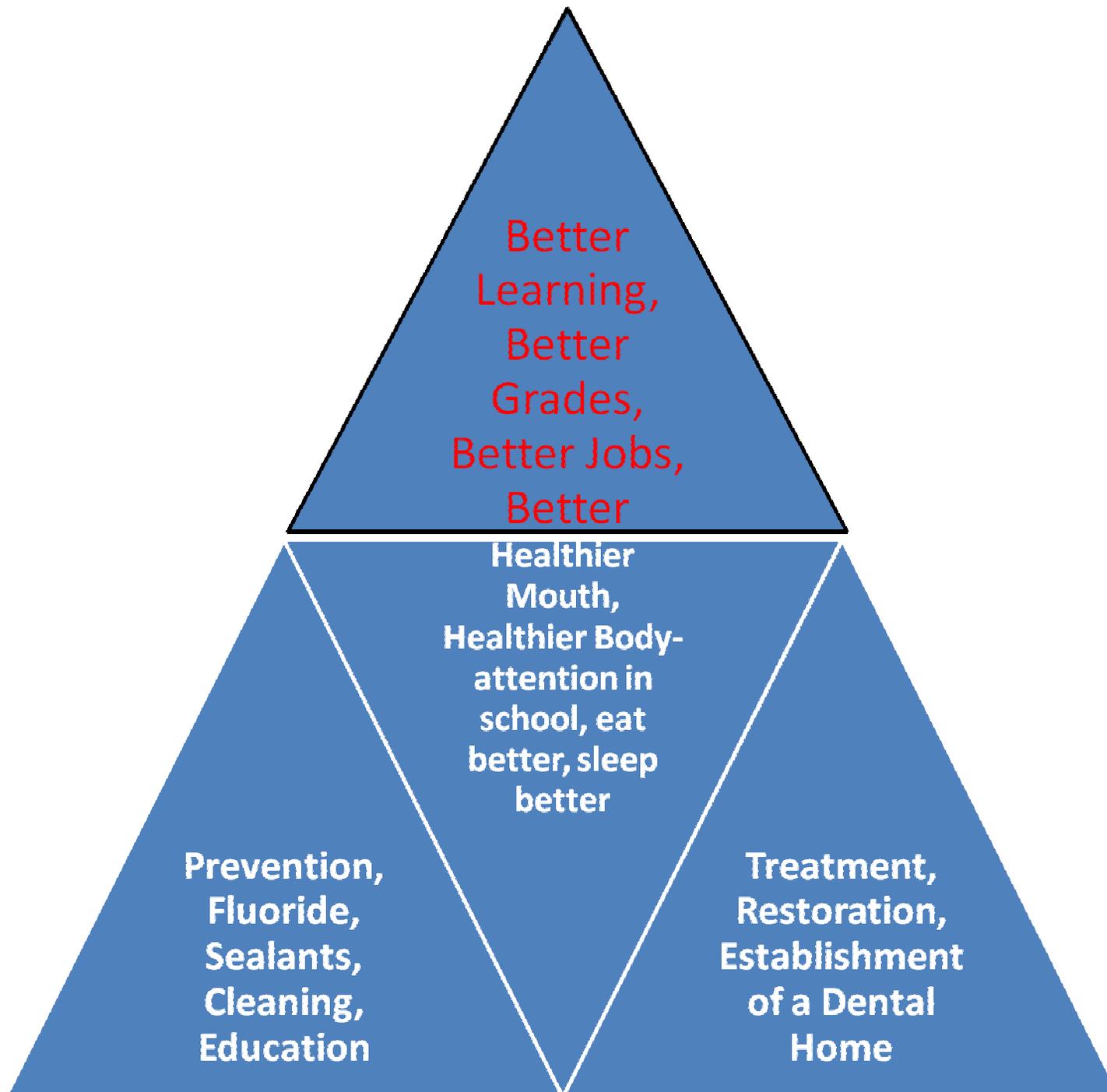
Appalachian Regional Commission, Claude Worthington Benedum Foundation and Marshall University



Advisory Group

- State Dental Director
- WVU School of Dentistry
- WV BOE Dental Hygienist
- Representatives from Funders
- Marshall Staff
- FQHC & SBHC Staff





PROJECT GOAL

“Award grants to support collaborative efforts for improving the oral health of youth through school-based/linked dental services”



Program Requirements

- A partnership of at least *two community-based* organizations
- Show support from the following; County School Board, Local Dental Society, and Target School(s)
- A sealant portion focused on 2nd/3rd and 6th grades.
- A fluoride program (if one is not currently in existence).
- Referral to a dental home
- Report biannually
- Participate in a statewide surveillance using CDC/BSS tool
- A 24-month activity plan.

Program Components

#1 Goal
DENTAL
HOME



Process Overview

One-Time Funding:

- Portable or permanent dental equipment and related capital expenses
- Program costs for salary stipends, travel, supplies etc.
- Grant Awards range from \$9,000 to \$24,000
- Encouraged building on existing programs/projects and services
- Webinar for potential applicants; provided tips and suggestions to strengthen applications

Award Process

- Two Rounds of Funding
- ARC Distressed Counties received priority in funding
- Trainings were held for each round of grantees
- March we held an All Grantees Meeting
- Data were collected from first round grantees



Grantees

17 Total Awards

- 17 counties (out of 55)
- 9 FQHC's
 - 6 of which are SBHC
- 2 Local Health Departments
- 3 County Board of Education
- 1 Higher Education Program
- 1 Community Wellness Center
- 1 School Dental Health Council

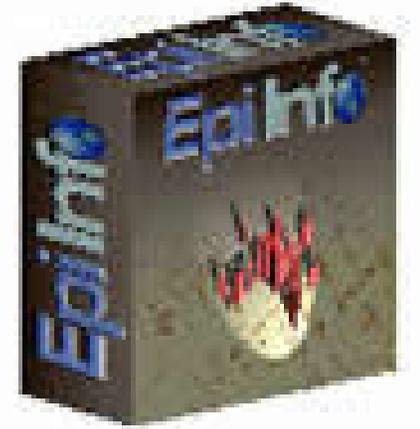
Marshall University School of Medicine

- Manage grant application process
- TA in grant application (help them to be successful!)
- TA in project implementation
- Set up and manage surveillance system



Data Collection

Epi-Info



Latest Version

Epi Info™, Version 3.5.1

Building a case and
Addressing the
Problem



Log onto the CDC website at
<http://www.cdc.gov/EpiInfo/>

School-Community Partnership for Children's Oral Health in West Virginia Initial Assessment Data Collection Form

1. Program name: _____ 2. Patient ID: _____ Patient name: First _____ Last _____

3. Gender: _____ (1=Male, 2=Female, 9=Unknown) 4. Grade: _____ (H = Head Start, P = Preschool, K = Kindergarten, 1 = 1st – 12 = 12th, 99 = Missing)

5. Age: _____ (at time of visit) 6. Dental insurance Type: _____ (1 = Medicaid, 2 = WV CHIP, 3 = Private, 4 = Sliding Fee, 5 = None, 6 = Other, 9 = Missing)

7. Has a Dental home _____ (Does the student have a regular dentist for preventive & restorative treatment? 0 = No, 1 = Yes, 2 = Unknown, 9 = Missing)

I. Initial Assessment (Key: L = Lingual, O = Occlusal, B = Buccal)

(Code: D = decay, F = filled, M = missing, S = sealant present, PS = prescribe sealant, RS = recommend reseat, no mark = no treatment commended)

Please mark each tooth examined with the appropriate codes.

UPPER

1	L		2	L		3	L		4	L		5	L		6	L		7	L		8	L		9	L		10	L		11	L		12	L		13	L		14	L		15	L		16	L				
	O			O			O			O			O			O			O			O			O			O			O			O			O			O			O			O			O	
	B			B			B			B			B			B			B			B			B			B			B			B			B			B			B			B			B	

LOWER

32	L		31	L		30	L		29	L		28	L		27	L		26	L		25	L		24	L		23	L		22	L		21	L		20	L		19	L		18	L		17	L				
	O			O			O			O			O			O			O			O			O			O			O			O			O			O			O			O			O	
	B			B			B			B			B			B			B			B			B			B			B			B			B			B			B			B			B	

Comments:



Enter/Full Screen Enter

Record No: New Record

Page
Initial Visit 1
Initial Visit Optional Info 2
Follow Up Visit 3
Follow Up Optional Info 4

School Community Partnership For Children's Oral Health in WV Initial Visit

Project Name: 1. School: 2. Patient ID:

Demographic Information

3. Gender: 4. Grade:

5. Age: 6. Dental Insurance Type: 7. Has a Dental Home:

Initial Assessment

8. Untreated Decay: 9. Caries Experience:

10. Sealants Present:

11. Treatment Urgency: 12. Referred for Treatment:

13a. Decayed or Filled Surfaces 1st Molars: 13b. Decayed or Filled Surfaces 2nd Molars:

Assessment Date: Reason for no preventive services:

Preventive Services

14a. Number of Surfaces Sealed Among 1st Molars: 14b. Number of Surfaces Sealed Among 2nd Molars:

14c. Number of Surfaces Sealed "Other": 15. Fluoride Treatment Received:

16. Screener's Initials: 17. Preventive Visit Date:

Initial Visit Optional Information

Project	<input type="text"/>	School	<input type="text"/>	Patient ID	<input type="text"/>
Race	<input type="text"/>	Currently Receives Free or Reduced Lunch	<input type="text"/>		
Toothache Last Six Months	<input type="text"/>	Time Since Last Dental Home Visit	<input type="text"/>		
Main Reason for Last Dental Home Visit:	<input type="text"/>	Needed Care But Could Not Get It:	<input type="text"/>		
Reason For Not Getting Care:	<input type="text"/>	Has Medical Insurance:	<input type="text"/>		

Enter/Full Screen Enter

Record No: New Record

Navigation: << < **New** > >>

Menu: Open Save Print Find Delete Options Help Exit

Page: Initial Visit 1 | Initial Visit Optional Info 2 | **Follow Up Visit 3** | Follow Up Optional Info 4

School Community Partnership For Children's Oral Health in WV Follow Up Visit

Project School Patient ID

Demographic Information

3. Grade 4. Age: 5. Dental Insurance Type: 6. Has Dental Home:

Preventive Services Follow Up

7. Number of Surfaces Retaining a Program Sealant 8. Subsequent Visit for Restorative Treatment

Follow Up Screener's Initials: Follow Up Screen Date:

* Reason for No Follow-Up

Next Page

Save_Quit

Follow Up Optional Information

Project	<input type="text"/>	School	<input type="text"/>	Patient ID	<input type="text"/>
Currently Receiving Free or Reduced Lunch	<input type="text"/>	Toothache Last Six Months	<input type="text"/>		
Time Since Last Dental Home Visit	<input type="text"/>	Main Reason for Last Dental Home Visit	<input type="text"/>		
Needed Care But Could Not Get It	<input type="text"/>	Reason For Not Getting Care:	<input type="text"/>		
Has Medical Insurance	<input type="text"/>				

School-Community Partnerships to Improve Children's Oral Health In West Virginia

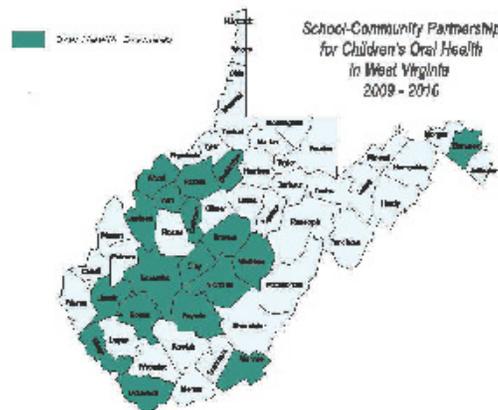
Progress Report

September - December 2009

Jointly funded by the Appalachian Regional Commission and the Claude Worthington Benedum Foundation, this project promotes collaboration between schools and communities to improve access to oral health care for children. The funding provides support to purchase portable dental equipment and to implement school based oral health preventive services. Priorities are to increase the number of children receiving preventive services, such as sealants, and to increase the number of children with a dental home. This report summarizes data from the first three months of operation for the first round of six grantees.

About this project

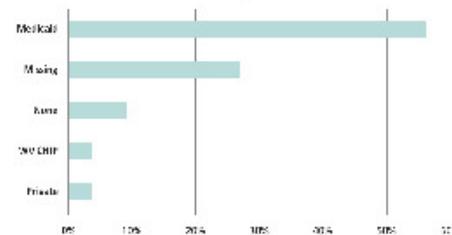
- The project began in 2008, with funding for six Round 1 grantees awarded in April 2009. Round 2 funding was awarded in December 2009.
- Seventeen School-Community Partnerships received grants (8 are Appalachian Regional Commission designated 'Distressed' Counties).
- All of the programs have implemented the CDC's Epi-Info data collection system, adapted for West Virginia.
- The lead agencies are diverse and include local health departments, a local board of education, Federally Qualified Health Centers, community centers, and county dental health councils.
- The School Health Technical Assistance Center at Marshall University provides oversight, technical assistance and evaluation.



What we have learned

- ✓ Over 1,100 children in six counties received an initial dental screening during the first three months;
- ✓ The average age of students screened was 7.7 years;
- ✓ 46% of students screened had untreated decay;
- ✓ 63% of students screened were referred for further treatment or evaluation. Of those referred, 37 students required immediate treatment for serious oral health problems.
- ✓ 49% of students reported having no dental home.

Insurance Status of Students Screened
N = 1,100



For more information: Bobbi Jo Muto, RDH, BS at Marshall University School of Medicine, (304) 542-9592
 Report produced by: West Virginia School Health Technical Assistance & Evaluation Center
 Robert C. Byrd Center for Rural Health, Marshall University

Foundations for Success

- Public Health Supervision
- Support from WV Dental Association, WV DHHR, WV DOE, WV Partners for Oral Health, WVPHA-Dental Section, WVU SOD etc.
- Great Teamwork-True **Collaborative Efforts**



One of the projects highlights....



Mid-Ohio Valley Health Department (MOVHD) Oral Health Program

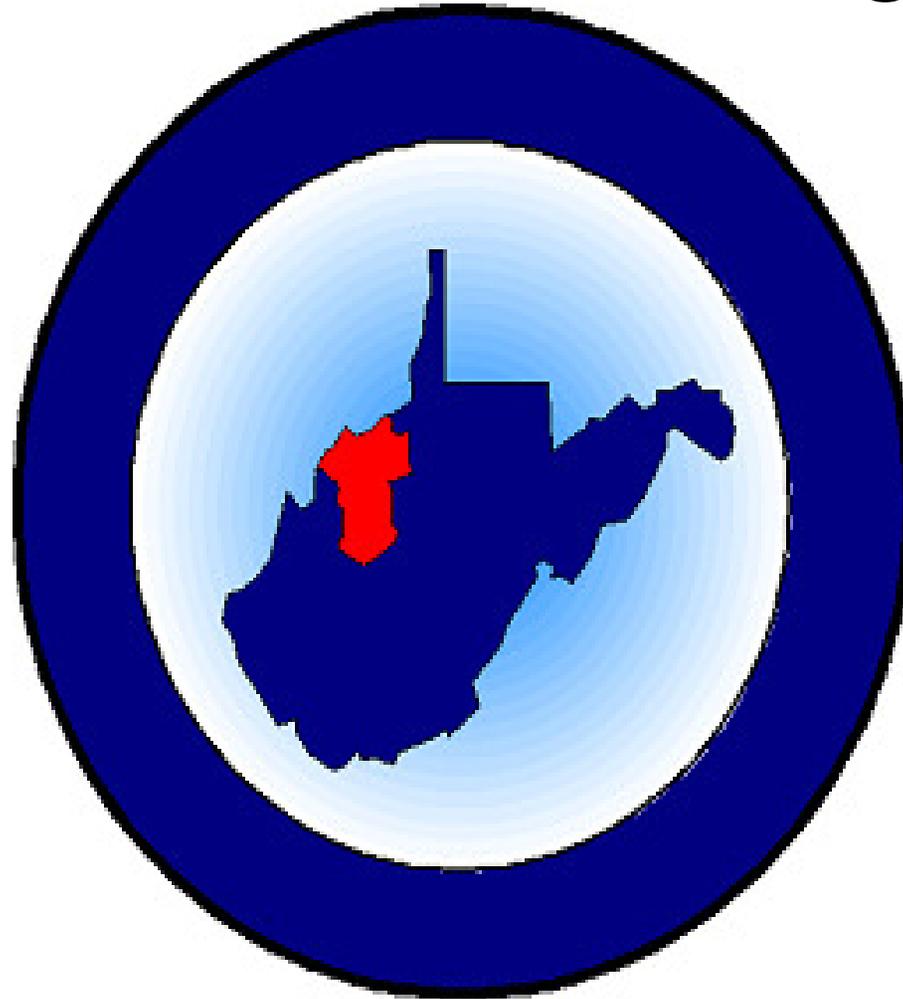
Mary Beth Shea, RDH
Oral Health Coordinator





11/6/2009 11:35am

MOVHD regionalized in 1984
The only regionalized health
department in West Virginia



Located in Wood County

Serving:

Calhoun,
Pleasants,
Ritchie,
Roane,
Wood and
Wirt Counties



Wood County School Demographics

- 13,360 students pre-K through 12
- County wide average for Federal Free and Reduced Meal Program has risen from 42% to near 50% in recent years
- Eleven of Nineteen Elementary Schools are at 50% or higher of Free and Reduced Meals
- Ten designated Title I elementary schools and one Middle school designated as Title I





10/29/2009 9:37 am

SCHOOL—COMMUNITY PARTNERSHIP for CHILDREN’S ORAL HEALTH IN WEST VIRGINIA

Participants & Partners in Wood County

- ◆ Mid-Ohio Valley Health Department (MOVHD)
Lead Agency
Dental Hygienist/Oral Health Coordinator
Coordination of Care
Equipment/Supplies
Office/Dental Assistants
- ◆ Erin Branham, DDS
Supervising Dentist
- ◆ Blennerhassett Dental Society
Local dentists to perform screenings
- ◆ Wood County Schools
- ◆ Sisters of St. Joseph Charitable Fund
- ◆ Parkersburg Area Community Foundation
- ◆ National Children’s Oral Health Foundation
- ◆ WVDHHR Children’s Oral Health Program

Wood County

Wood County is one of eight initial communities to benefit from a grant funding partnership between the Appalachian Regional Commission (ARC) and the Claude Worthington Benedum Foundation.

The grant provides support for communities to purchase dental equipment and to plan their programs.

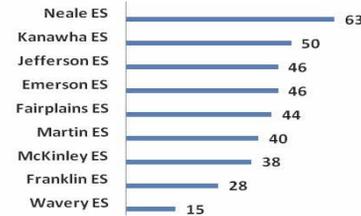
The statewide project is managed by the WV School Health Technical Assistance & Evaluation Center at Marshall University, who provides oversight, technical assistance and evaluation.

Priorities are to increase the number of children receiving preventive services, such as sealants, and to increase the number of children with a regular dental home.

AT A GLANCE

- ◆ 370 students received an initial screening.
- ◆ The average age of students who received a screening was 7.4 years
- ◆ 48% of students screened reported that they did not have a regular dentist.
- ◆ 43% of students screened had evidence of untreated decay.
- ◆ 96% of those screened were referred to area dentists for further evaluation and/or treatment. Of those referred, 15 students had urgent needs.
- ◆ 41 students had existing sealants on the initial visit.

Students Receiving an Oral Health Screening at Participating Schools



Participating Dentists

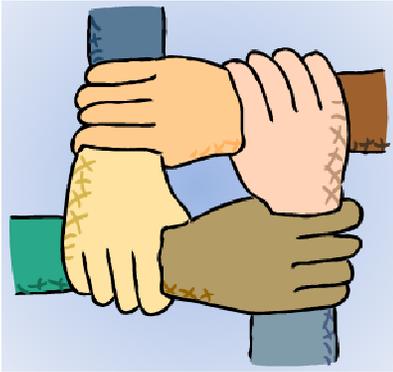
- | | |
|------------------|----------------------------|
| Dr. Stacy Dean | Dr. Aaron Perkins |
| Dr. Dale Brum | Dr. Michelle Lynch-Bowling |
| Dr. Erin Branham | Dr. Larry Yeater |
| Dr. Sam Bever | Dr. Lance Shears |
| Dr. Jim Szarko | |

Funds received through this grant allowed the MOVHD to expand the current school-based oral health program in Wood County by offering sealants as a further preventive objective.

Using portable equipment in the schools, students receive an oral health screening, cleaning and fluoride varnish by the MOVHD Public Health Practice Dental Hygienist. When appropriate, sealants are placed on teeth to help prevent decay. Arrangements for follow-up care is provided and students are helped to establish a dental home.

For more information: Mary Beth Shea, RDH at Mid-Ohio Valley Health Department (304) 485-7374 X168
Bobbi Jo Muto, RDH, BS at Marshall University School of Medicine (304) 542-9592

Report produced by: West Virginia School Health Technical Assistance & Evaluation Center Marshall University



Partners

- Sisters of St. Joseph Charitable Fund – Oral Health Coordinator
- Dr. Erin Branham, Supervising Dentist
- Wood County Schools – Administrative support, School Nurses, Maintenance transport of equipment
- Blennerhassett Dental Society – 10 dentists donating time for screenings
- Parkersburg Area Community Foundation – Grant funding for materials and supplies
- WVDHHR Children’s Oral Health Program – Dental Unit
- National Children’s Oral Health Foundation (NCOHF) – Equipment and supplies

Additional Partnerships

- Dental Assistant/Parent Volunteer
- Wood County Rotary Children's Dental Fund
- WVU at Parkersburg Nursing Student pediatric rotations





A Partnership for Oral Health

The community is banning together to promote healthy kids.

Wood County is one of eight initial communities to benefit from a grant funding partnership between the Appalachian Regional Commission and the Claude Worthington Benedum Foundation. The grant provides support for communities to purchase

dental equipment and to plan their programs. The statewide project is managed by the West Virginia School Health Technical Assistance & Evaluation Center at Marshall University, which provide oversight, technical assistance and evaluation. Priorities are to increase the number of children receiving preventive services, such as sealants, and to increase the number of children with a regular dental home.

The Mid-Ohio Valley Health Department (MOVHD) created a grant-funded oral health coordinator position to address and coordinate general oral health efforts in Calhoun, Pleasants, Ritchie, Roane, Wirt and Wood counties. The oral health coordinator position is beginning its third year through the generosity of the Sisters of St. Joseph Charitable Fund. The position, held by a dental hygienist with a clinical and oral health educator background, includes organization and provision of preventive dental services for underserved students at the school sites. The program is open to students who do not have a dentist or who have not been to a dentist in 12 or more months. Extensive efforts are made to refer students to a dental home. All collaborative efforts focus on reducing the incidence of oral disease and improving the oral health and general health of children. MOVHD would like to establish a model that can be replicated to serve the other counties in the region if they do not already have an existing school-based program. Calhoun, Pleasants, Ritchie and Wirt counties all have school-based oral health treatment programs.



The local health department obtained portable equipment from the WVDHHR Children's Oral Health Program, and the Wood County School system transported the equipment from the health department to the school sites. The equipment included a portable dental chair, a lamp, an examiner's stool and supplies.

Funds received through this grant allowed the MOVHD to expand the current school-based oral health program in Wood County by offering sealants as a further preventive objective.

Using portable equipment in the schools, students receive an oral health screening, cleaning and fluoride furnished by the MOVHD Public Health Practice Dental Hygienist. When prescribed by a dentist, sealants are placed on teeth to help prevent decay. Referral for follow-up care is provided and students and their families are encouraged to establish a dental home.

The program is a success because of the many partners and participants in Wood County. These partners include the MOVHD that is not only the lead agency but also provides the support staff of dental hygienist, the health coordinator and office/dental assistants. MOVHD also provides the coordination of care, equipment and supplies. Erin Branham is the supervising dentist and with the help of the Blennerhassett Dental Society, the Wood County Schools, the Sisters of St. Joseph Charitable Fund, the Parkersburg Area Community Foundation, the National Children's Oral Health Foundation and WVDHHR Children's Oral Health Program, the community has been able to provide dental care to those children who would not receive it any other way.

None of this would be possible without these dentists who are willing to give of their time: Dr. Stacy Dean, Dr. Dale Brum, Dr. Erin Branham, Dr. Sam Bever, Dr. Jim Szarko, Dr. Aaron Perkins, Dr. Michelle Lynch-Bowling, Dr. Larry Yeater, Dr. Lance Shears and Dr. Stu Deem. ■

At a Glance

In the first year of the program:



370 students received an initial screening.



The average age of students who received a screening was 7.4 years old.



48 percent of students screened reported that they did not have a regular dentist.



43 percent of students screened had evidence of untreated decay.



96 percent of those screened were referred to area dentists for further evaluation and/or treatment. Of those referred, 15 students had urgent needs.



41 students had existing sealants on the initial visit.



Ten Title I Elementary Schools

All grades included in initial screenings

3,275 Cover Letters and Parent Questionnaire's
sent home

370 screened for initial data

422 screened to date





A CHILD'S GUIDE TO
Dental Care
MID OHIO VALLEY HEALTH DEPARTMENT
211 6th STREET
PARKERSBURG, WV 26101
(304) 486-7374

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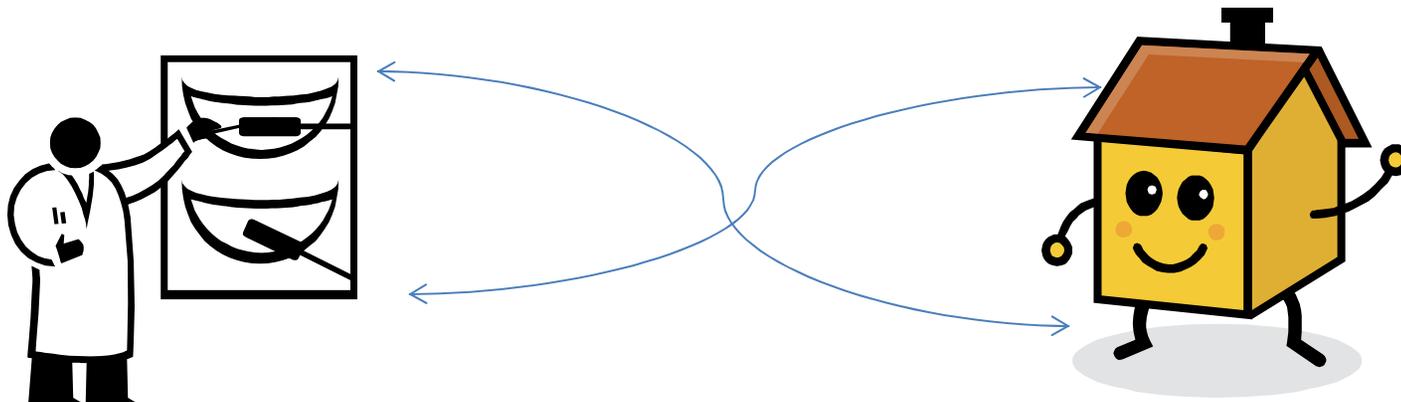
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211 6th STREET
PARKERSBURG, WV 26101
(304) 486-7374

12/11/2008 9:16am

Dental Home

- Dentist referral list sent after screening visit
- Dentist referral sent after preventive treatment
- Assistance offered in follow-up parent phone survey

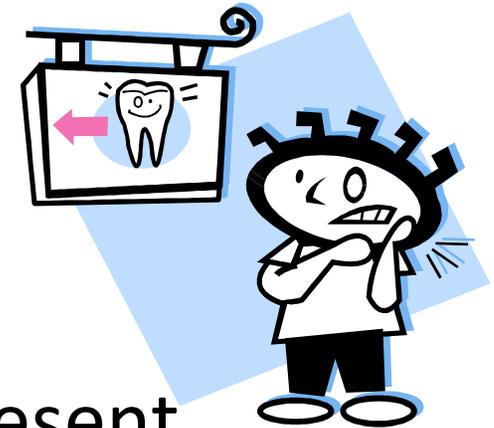


Wood County Statistics

ASTDD BASIC SCREENING SURVEY RESULTS

422 Screening within the first 6 months

- 19 Urgent Care
- 173 Early Care
- 226 Regular Care
- 52 had existing sealants present
- 48% Did not have a dental home
- 43% had evidence of untreated dental decay



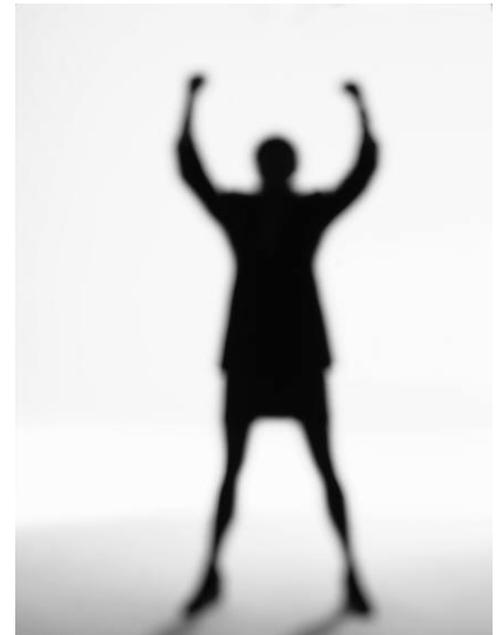
BARRIERS

- Lack of education regarding the importance of oral health prevention
 - Parents
 - School Nurses
 - Teachers
- Lack of participation in preventive clinics
- Reaching Title I parents; for referrals, follow- up,



Wood County Successes are due in part to:

- DENTIST PARTICIPATION
- WOOD COUNTY SCHOOL SUPPORT
- STUDENT PARTICIPATION IN SCREENINGS
- AND OF COURSE **FUNDING!**



Special Thanks

Appalachian Regional Commission and the
Claude Worthington Benedum Foundation

Sisters of St. Joseph Charitable Fund

Mid-Ohio Valley Health Department





Turn off lights.
Lock and
close door.

ALL BOOKS
LEAVING
THIS LIBRARY
MUST BE
CHECKED OUT!

Psst
Searching for audiobooks?
The West Virginia
Library Commission
can help!
The Special Services Division of
books, large print books, and
e-books who cannot use them
including the blind, visually impaired,
physical disabilities or those
difficult reading the language
books to more than 250 languages.
These services are free and
Add your library
for more information
and an application.
www.wvreadingbooks.com

Free
Community of Arts
Application for application to
December 18, 2008

12/4/2008 8:36am

Wrap Up

Lessons Learned

- Things don't always go according to plans
- Timing
- Expectations of grantees
- Weather
- H1N1
- Communication between parents and local programs
- Don't take *Scope of Practice* for granted!

Looking Ahead

- Future funding
- Building on data collected
- Statewide surveillance
- Sustainability for all grant programs



Thank You for Your Attention!

Questions & Comments

Contact Information;

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