Oral Health Surveillance Program

OHSP Program Update
Rhonda Stokley, DDS

- State Public Health Dental Director
- Manager, Oral Health Surveillance Program, Department of State Health Services
- Interim Section Director, Public Health Screening and Services Coordination
Learning Objectives

Attendees will:

Understand the State of Texas has an oral health program whose role is to conduct oral health surveillance and other dental public health activities throughout the state.
Learning Objectives

Attendees will:

Learn about some of the program’s oral health surveillance activities and why they are an important part of public health.
Learning Objectives

Attendees will:
Understand the goals of the Healthy Texas Smiles for Moms and Babies project.
Overview of OHSP

• 5 Regional Dental Teams
  Team = 1 dentist + 1 hygienist

• 6 Central Office team members

• Surveillance projects and public health initiatives
ORAL HEALTH PROGRAM
REGIONAL STAFF

**HSR 1 and 2- Lubbock**
Rick Howard, DDS
6302 Iola Ave
Lubbock, TX 79424
806-783-6480
806-783-6455 fax
Rene Comey, RDH
806-783-6477

**HSR 3, 4 and 5N-Tyler**
Kimberly Melendez, DDS
2521 West Front Street
Tyler, TX 75702
903-533-5202
903-593-4187 fax
Teresa Hubbell, RDH
903-533-5278

**HSR 5S, 6 and 7- Houston**
Anita Albert, DDS
5425 Polk Avenue, Suite J
Houston, TX 77023-1497
713-767-3401
713-767-3408 fax
Diana Beeman, RDH
713-767-3402

**HSR 8 and 11- San Antonio**
Matt Williams, DMD
7430 Louis Pasteur Drive
San Antonio, TX 78229
210-949-2124
210-949-2010 fax
Cynthia King, RDH
210-949-2106

**HSR 9 and 10- Midland**
Shenice Williams, DDS
Sondra McDonald, RDH
2301 N. Big Spring, Suite 300
Midland, TX 79705
432-571-4157
432-684-3932 fax

* HSR= Health Service Region

http://dshs.texas.gov/dental/
OHSP Regional Teams

- Portable dental equipment
- Limited oral evaluations, fluoride varnish applications, sealants, oral health education
- Piloting silver diamine fluoride this fall
OHSP Regional Teams

• Oral health surveillance and prevention clinics
• Community events
• Collaborations with dental hygiene programs, Project Saving Smiles, Operation Lone Star, East Texas Medical Dental Outreach, etc.
Prevention Clinics

In FY 17:

- OHSP-led activities resulted in **6,125 children** receiving a limited oral evaluation (LOE), 790 children receiving sealants on 4,944 teeth
- OHSP contributed to other activities that resulted in **9,409 children** receiving LOEs and 30,602 sealed teeth
Surveillance

• Basic Screening Survey (BSS) of 3rd grade and Head Start in TX
  o Since 2008
  o Every 5 years
  o 3rd grade BSS being conducted during the 2017-18 school year
  o Changing from Head Start to Kindergarten in 2018-2019 school year

• National Oral Health Surveillance System (NOHSS)

• Texas Oral Health Surveillance System (TOHSS)
BSS Study Design

• Target sample size to reliably estimate a 95% confidence interval (CI)
• Probability Proportional to Size (PPS)
• Four strata:
  o Urban-border
  o Rural-border
  o Urban-non-border
  o Rural-non-border
• Calibrated dentists
Conducting Surveillance

• Portable dental equipment
• Consent forms
• Limited oral evaluation:
  o Past treatment
  o Untreated caries
  o Urgent dental care needed
  o Early dental care needed
  o Sealant prevalence (for 3rd grade)
• Results form for parents
BSS Data and Trends

Texas 3rd Grade BSS: Untreated Caries

PERCENT

TEXAS COMPARED TO HP 2020 GOAL

HP 2020, 25.9
SY 08-09, 42.7
SY 12-13, 25.9

Source: Basic Screening Survey (BSS) SFY 2008 and 2012
Prepared by Office of Program Decision Support (OPDS), FCHS, DSHS
November 3, 2014 (ds)
BSS Data and Trends

Texas 3rd Grade BSS: Caries Experience

**HP 2020 Goal**

**TX 2012-13**

PERCENT

0 10 20 30 40 50 60 70 80

TEXAS COMPARED TO HP 2020 GOAL

**TX 2012-13, 68.1**

**HP 2020 Goal, 49**

Source: Basic Screening Survey (BSS) SFY 2012
Prepared by Office of Program Decision Support (OPDS), FCHS, DSHS March 2017
Texas 3rd Grade BSS: Sealant Prevalence

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 2020</td>
<td>28.1</td>
</tr>
<tr>
<td>TX 08-09</td>
<td>34.4</td>
</tr>
<tr>
<td>TX 12-13</td>
<td>51.0</td>
</tr>
</tbody>
</table>

Source: Basic Screening Survey (BSS) SFY 2008 and 2012
Prepared by Office of Program Decision Support (OPDS), FCHS, DSHS
November 3, 2014 (ds)
Healthy Texas Smiles for Moms and Babies

This project supported by the Health Resources and Services Administration (HRSA) of the U. S. Department of Health and Human Services (HHS) under grant H47MC29820 Children’s Oral Healthcare Access Program. This information or content and conclusions are those of the author and should not be construed as the official position or policy of, nor should any endorsement be inferred by HRSA or the U.S. Government.
Healthy Texas Smiles for Moms and Babies

3-year Health Resources and Services Administration (HRSA) grant; June 2016-May 2019

Goal:
Increase the number of at-risk pregnant women and infants who visit a dentist for dental care.
Healthy Texas Smiles for Moms and Babies

35.3% of Texas mothers with a recent birth who had their teeth cleaned during a recent pregnancy.

12/5/2017 Texas PRAMS 2012-2014 combined. Data prepared by the DSHS Office of Program Decision Support, March 2017
Healthy Texas Smiles for Moms and Babies

**Home visiting programs:** to improve home visitors’ understanding of oral health and promote the addition of oral health metrics to their data collection.

**Survey dentists** to acquire baseline data on Texas dentists’ knowledge and attitudes regarding dental care for pregnant women and infants.

Develop and promote **Texas Perinatal, Infant, and Early Childhood Oral Health Guidelines**
HTSMB Progress
To Date

Trained four Nurse Family Partnership programs; two in San Antonio and one each in Edinburg and Wichita Falls. Impact: ~480 current NFP families and future clients.

Survey of dentists’ knowledge, attitudes and behaviors on dental care for pregnant women and infants will be distributed by mid-December.

Texas Perinatal, Infant, and Early Childhood Oral Health Guidelines are drafted and undergoing internal review. Anticipated publishing date is May 31, 2018.
Conclusion

• Oral health surveillance
  Basic Screening Survey
  Other surveys

• Healthy Texas Smiles
  for Moms and Babies
Thank you

Rhonda Stokley, DDS
Rhonda.Stokley@dshs.texas.gov
(512) 776-3001