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# **Oral Health Surveillance Program**

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## **OHSP Program Update**

# Rhonda Stokley, DDS

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



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# 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.





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# 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.





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# Learning Objectives

Attendees will:

Understand the  
goals of the  
**Healthy Texas  
Smiles for Moms  
and Babies  
project.**



# Overview of OHSP



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- 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

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## HSR 9 and 10- Midland

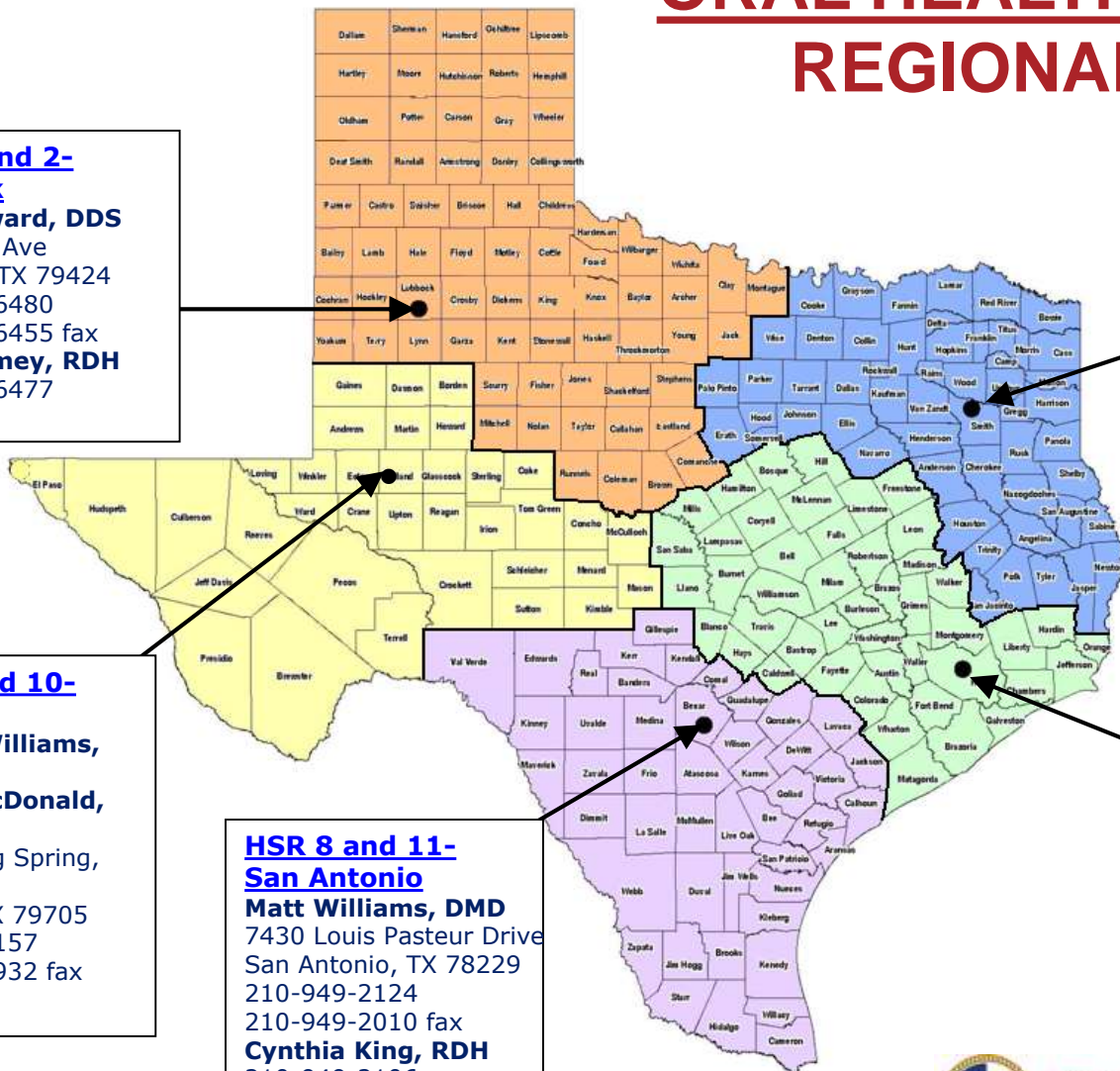
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\* HSR= Health Service Region

<http://dshs.texas.gov/dental/>

# OHSP Regional Teams



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





# OHSP Regional Teams



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- 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



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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



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- Basic Screening Survey (BSS) of 3<sup>rd</sup> grade and Head Start in TX
  - Since 2008
  - Every 5 years
  - 3<sup>rd</sup> grade BSS being conducted during the 2017-18 school year
  - Changing from Head Start to Kindergarten in 2018-2019 school year
- National Oral Health Surveillance System (NOHSS)
- Texas Oral Health Surveillance System (TOHSS)





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# BSS Study Design

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



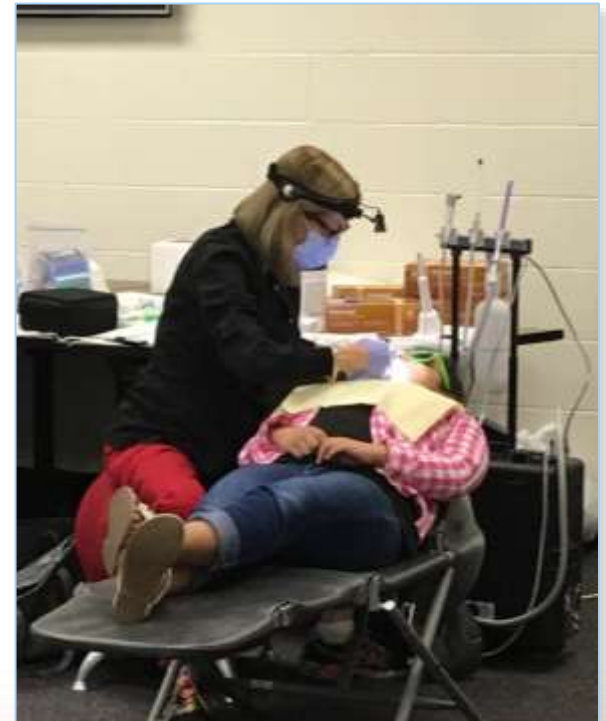
# Conducting Surveillance



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- Portable dental equipment
- Consent forms
- Limited oral evaluation:
  - Past treatment
  - Untreated caries
  - Urgent dental care needed
  - Early dental care needed
  - Sealant prevalence (for 3<sup>rd</sup> grade)
- Results form for parents



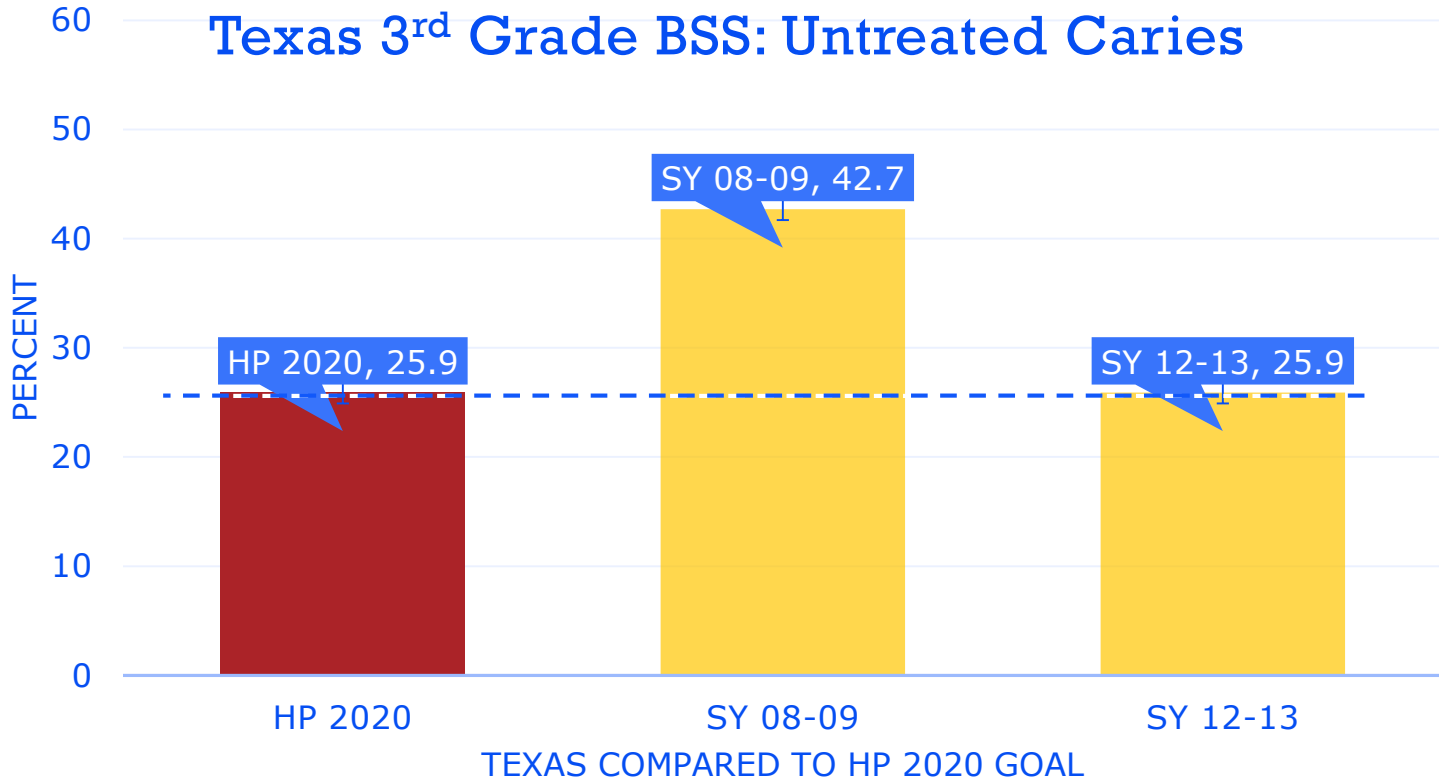
# BSS Data and Trends



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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

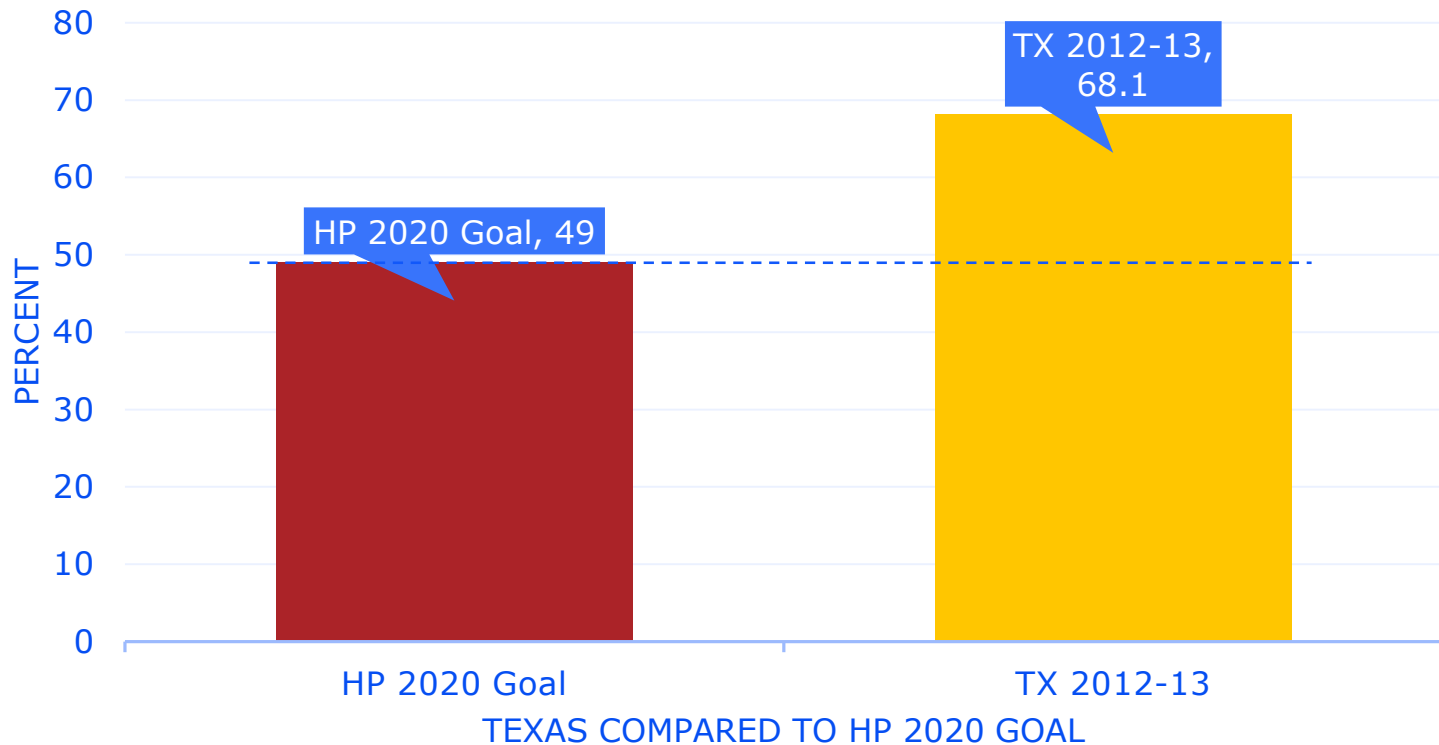


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## Texas 3<sup>rd</sup> Grade BSS: Caries Experience



Source: Basic Screening Survey (BSS) SFY 2012  
Prepared by Office of Program Decision Support (OPDS), FCHS, DSHS March 2017

# BSS Data and Trends

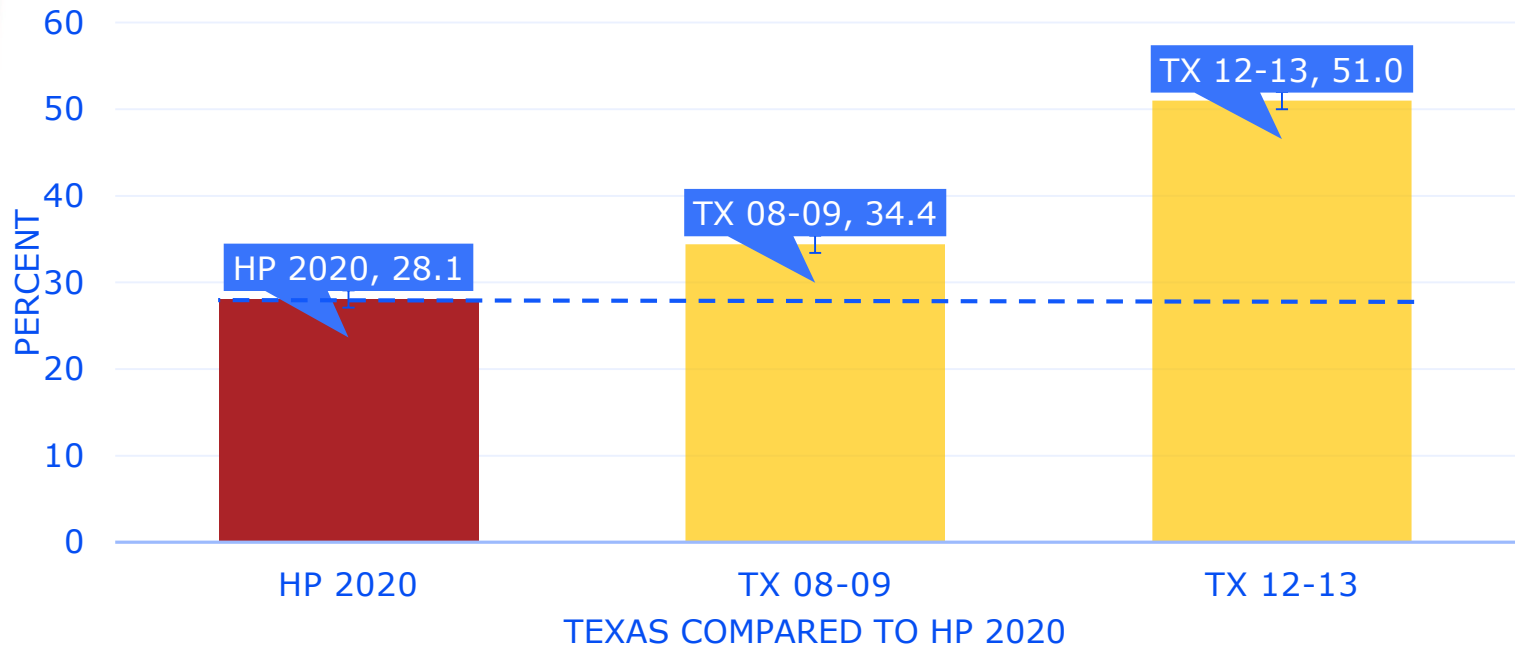


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## Texas 3rd Grade BSS: Sealant Prevalence



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

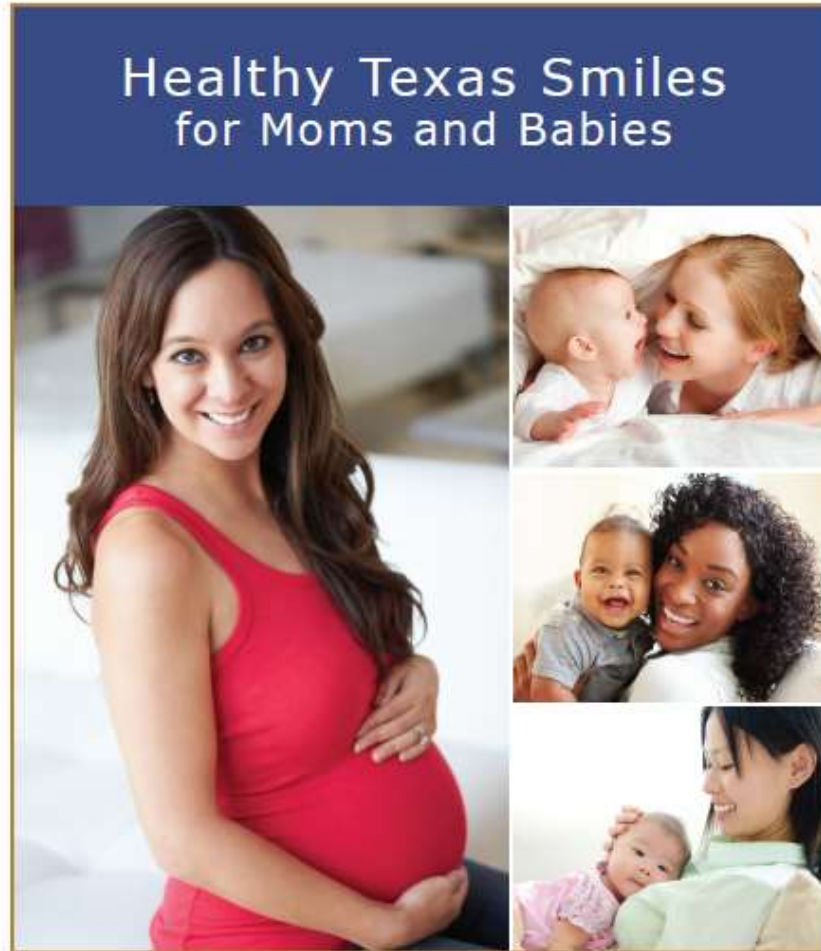


# Healthy Texas Smiles for Moms and Babies



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12/5/2017

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

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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.



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# Healthy Texas Smiles for Moms and Babies

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

# Healthy Texas Smiles for Moms and Babies

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**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**



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# HTSMB Progress To Date

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**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.



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# Conclusion

- Oral health surveillance
  - Basic Screening Survey
  - Other surveys
- Healthy Texas Smiles for Moms and Babies





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# Thank you

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