Oral Health: State of the State

2014 Texas Oral Health Summit
November 7, 2014

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Oral Health Program
Department of State Health Services
Topics

1. Implementation and results of the Basic Screening Survey (BSS) for 3rd Grade and Head Start children

2. Results and implications of other statewide oral health surveillance data

3. State partnerships to improve oral health
   - Title V/Maternal and Child Health
   - Expanded Primary Health Care

4. Medicaid/Texas Health Steps Dental Program
   - First Dental Home (FDH) and Oral Evaluation and Fluoride Varnish in the Medical Home (OEFV)
   - Online Provider Education
Basic Screening Survey (BSS)
3rd Grade and Head Start Children
Basic Screening Survey (BSS) for obtaining data for an oral health surveillance system

- Provides states/local jurisdictions with a consistent model for monitoring oral disease:
  - Timely
  - Lowest possible cost
  - Minimum burden on participants
  - Comparison within and between states

- DSHS Oral Health Program conducted the BSS for:
  - School-aged children (3rd Grade)
  - Preschool children (Head Start)
BSS Methodology

1. Questionnaire
   - Demographics
   - Dental history

2. Limited Oral Evaluation
   - Calibration of dentists
   - Dental health outcome measures
     - Past treatment
     - Untreated caries
     - Sealant prevalence
     - Urgency of dental care needed
BSS School Aged Children (3rd grade)

Timeframe: School Year 2012-2013

Sample: 6,351 3rd grade students
138 elementary schools
4 strata: UB, RB, UNB, RNB
Texas BSS (3rd grade) Untreated Caries

- SY 08-09: 42.7%
- SY 12-13: 25.9%

HP 2020 - 25.9%
Texas BSS (3rd grade) Sealant Prevalence

Sealant Prevalence

SY 08-09: 34.4%
SY 12-13: 51.0%

HP 2020 - 28.1%
Texas BSS (3rd grade)
Urgency of Dental Care Needed

![Bar graph showing urgency of dental care needed for Texas BSS (3rd grade) for SY 08-09 and SY 12-13. The graph compares Early DCN and Urgent DCN cases. The numbers of cases are as follows:

- SY 08-09:
  - Early DCN: 32.2
  - Urgent DCN: 8.7

- SY 12-13:
  - Early DCN: 21.2
  - Urgent DCN: 4.5]
Head Starts are comprehensive child development programs that serve preschool children 3-5 years of age.

Timeframe: Sept – Dec 2013

Sample: 2,249 newly enrolled (1st year) children
61 Head Start sites
4 strata of grantees: UB, RB, UNB, RNB
Texas BSS (Head Start) Untreated Caries

- SY 08-09: 23.1%
- SY 2013: 21.4%

HP 2020 – 21.4%
Other Statewide Oral Health Surveillance Data
Results and Implications
The **Youth Risk Behavior Surveillance System** is a school-based survey to assess the prevalence of health risk behaviors among high school students.

<table>
<thead>
<tr>
<th>Year</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>1. When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?</td>
</tr>
<tr>
<td>2015</td>
<td>In addition to the 2013 question:</td>
</tr>
<tr>
<td></td>
<td>1. During the past 12 months, how many times have you missed school because of problems with your teeth or mouth?</td>
</tr>
<tr>
<td></td>
<td>2. During the past 12 months, how many times did you go to an emergency room or urgent care center for problems with your teeth or mouth?</td>
</tr>
<tr>
<td></td>
<td>3. During the past 12 months, how many times have your teeth or mouth been painful or sore?</td>
</tr>
</tbody>
</table>
Texas YRBS, 2013
Dental Visit in the Past 12 Months

Dental Visit: 67.3%
No Dental Visit: 32.7%
The **National Survey of Children’s Health** examines the physical and emotional health of children under age 18.

<table>
<thead>
<tr>
<th>Year</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>During the past 12 months since (his/her) birth, how many times did (child) see a dentist for preventive dental care such as check-ups and dental cleanings?</td>
</tr>
<tr>
<td></td>
<td>During the past 12 months since (his/her) birth, did (child) see a dentist for any kind of dental care, including check-ups, dental cleanings, x-rays, or filling cavities?</td>
</tr>
<tr>
<td>2015</td>
<td>Next survey</td>
</tr>
</tbody>
</table>
Texas and US NSCH, 2011
Preventive Dental Care
Children Ages 1-17

Preventive Dental Care
No Dental Preventive Care

- Texas: 77.8%
- US: 77.2%

- Texas: 22.2%
- US: 22.8%
PRAMS

The Pregnancy Risk Assessment Monitoring System collects data on maternal attitudes and experiences prior to, during, and immediately following pregnancy.

2011

1. Did you have your teeth cleaned by a dentist or dental hygienist in the **12 months before** you got pregnant with your new baby?
2. Did you have your teeth cleaned by a dentist or dental hygienist during your most recent pregnancy?
3. Did you have your teeth cleaned by a dentist or dental hygienist after your most recent pregnancy?
Factors associated with an increased risk for no dental cleaning during pregnancy:

- Having diabetes
- Pre-pregnancy obesity
- Late or no prenatal care
- No dental cleaning 12 months before pregnancy
- Low birth weight infant

Prepared by: Debra Saxton
DSHS OPDS
The **Behavioral Risk Factor Surveillance** is designed to measure behavioral risk factors in the adult, non-institutionalized population 18 years of age or older.

2012

1. How long has it been since you last visited a dentist or dental clinic for any reason?
2. How many of your permanent teeth have been removed because of the tooth decay or gum disease?
Texas and US BRFSS, 2012

Dental Visits in the Past 12 Months
Adults 18+

Dental Visit
- Texas: 58.8
- US: 67.2

No Dental Visit
- Texas: 41.2
- US: 32.8
Texas and US BRFSS, 2012
Dental Visits in the Past 12 Months by Race/Ethnicity and Educational Level
Adults 18+

[Bar graph showing dental visits by race/ethnicity and educational level in Texas and US.]

- White Only: 66.4% (TX) vs 37.8% (US)
- Black Only: 54.7% (TX) vs 44.5% (US)
- Hispanic: 48.8% (TX) vs 53.0% (US)
- Other Only/Multiracial: 63.4% (TX) vs 62.9% (US)
- Less than High School: 37.8% (TX) vs 53.0% (US)
- High School Graduate: 62.0% (TX) vs 62.9% (US)
- Some College: 68.8% (TX) vs 68.8% (US)
- College Graduate: 76.9% (TX) vs 80.9% (US)
Texas and US BRFSS, 2012
Dental Visits in the Past 12 Months by Diabetes
Adults 18+

- Diabetes: 47.9
- No Diabetes: 60.1

Dental Visit Past 12 Months
State Partnerships to Improve Oral Health
Title V/ MCH and ePHC
Title V/MCH Program

<table>
<thead>
<tr>
<th>FY 2013</th>
<th>Title V provided funds for perinatal dental services for eligible pregnant women during their prenatal and up to 3 months post-partum period.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2014</td>
<td>Prenatal/Post-Partum Oral Health Project</td>
</tr>
</tbody>
</table>

**Eligibility**

- Texas resident
- Family income at or below 185% FPL
- Not a beneficiary of other non-DSHS programs or benefits providing the same services
# Title V/MCH Program

## Number of clients served by age group in FY13 and FY14

<table>
<thead>
<tr>
<th>Age</th>
<th>FY13</th>
<th>FY14</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-11M</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1-5Y</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6-12Y</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>13-17Y</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>18-19Y</td>
<td>24</td>
<td>31</td>
</tr>
<tr>
<td>20-21Y</td>
<td>45</td>
<td>74</td>
</tr>
<tr>
<td>&gt;22Y</td>
<td>463</td>
<td>805</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>549</strong></td>
<td><strong>928</strong></td>
</tr>
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</table>
# Expanded Primary Health Care

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>2013</td>
<td>83rd Legislative session approved funding for the Primary Health Care (PHC) Exceptional Item (EI) to allow DSHS to expand the current PHC program to increase primary, preventive, and screening services.</td>
</tr>
<tr>
<td>FY 2014</td>
<td>ePHC provided funds for perinatal dental services for eligible pregnant women during their prenatal and up to 3 months post-partum period. Dental services are capped at an average cost per client of $1000 per year.</td>
</tr>
</tbody>
</table>

## Eligibility

- Texas resident
- Can be undocumented individual
- Family income at or below 200% FPL
- Not a beneficiary of other non-DSHS programs or benefits providing the same services

[Source: Department of State Health Service](http://www.dshs.state.tx.us)
## Expanded Primary Health Care

<table>
<thead>
<tr>
<th>FY2014</th>
<th>Optional Services for Women</th>
<th>21 and Younger</th>
<th>22 and Older</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prenatal Dental Services</strong></td>
<td>Prenatal clients provided dental service (non-therapeutic)</td>
<td>128</td>
<td>936</td>
<td>1064</td>
</tr>
<tr>
<td></td>
<td>Prenatal clients provided therapeutic dental services</td>
<td>55</td>
<td>443</td>
<td>498</td>
</tr>
</tbody>
</table>

Number of clinics/site: 209
Medicaid/Texas Health Steps Dental Program
THSteps
Online Provider Education

Looking for pediatric and adolescent CME?
View our course listing

Free Online Continuing Education Courses

Ethics-Accredited Courses
Looking for ethics CE credit? Texas Health Steps offers the following ethics-accredited courses:
- Motivational Interviewing

First Dental Home Oral Evaluations and Fluoride Varnish Oral Examinations by Dental Professionals Oral Health for Primary Care Providers
A healthy Texas where all individuals enjoy the benefits of good oral health as an integral part of overall health
Acknowledgements

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Department of State Health Services

OHP Central Office Team

OHP Regional Dental Team
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