

**Texas Health Steps
Dental Statewideness Report
for
Service Utilization
SFY 2000**

**Texas Department of Health
Associateship for Family Health
Bureau of Children's Health
Texas Health Steps (EPSDT)**

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I. INTRODUCTION

The Texas Health Steps Dental [THSteps Dental (EPSDT)] program is a preventive health program targeting Texas Medicaid eligible children, 1 through 20 years of age. The primary objective of the THSteps dental screening examination is to detect dental problems early, allowing for diagnosis and treatment, before the problem becomes chronic or irreversible. In response to the Consent Decree in the matter of *Frew et al v Gilbert et al*, this report analyzes a specific aspect of program effectiveness related to service provision to a targeted population based on comparison among counties or county clusters.

II. METHODOLOGY

MEASURES

The THSteps Dental Statewide Report is an analysis of THSteps dental services utilization for Medicaid (THSteps) eligible persons ages 1 through 20. The primary measures used in this analysis are rates. As a measure, a rate allows for comparability and trending over a period of time. Improvement in the participation rates, which illustrates compliance with the recommended periodicity schedule for screens by THSteps eligibles is expected. While the concept of comparing counties or county clusters to a statewide rate has some merit, it has an inherent methodological limitation. A computed statewide rate is a "moving target" as the counties' performance changes (improves), a statewide rate will naturally change (increase). Although it could be argued that counties exceeding the statewide rate could serve as a model for counties with low participation rates, there must always be a subset of counties that fail to approach and/or exceed the statewide rate. In some cases, this failure may be due to factors that the particular county cannot control. These are discussed in more detail below.

To properly evaluate the effectiveness of the THSteps dental program in delivering services to the targeted eligible population, consideration of the factors that might influence compliance is necessary. For example the number and distribution of providers enrolled in the Medicaid program is one confounding factor, others are present. The likelihood that a child receives a dental service or examination each six months is dependent on many factors, including: availability and distribution of dental service providers, the child's period of eligibility, parental compliance and cooperation in scheduling and keeping appointments, and diagnoses and treatment indicated at the time of the dental visit.

Measures used to evaluate program effectiveness were chosen to minimize the influence of the confounding factors. Participation rate, in particular, is modeled on the medical participation rate required by Health Care Finance Agency (HCFA), which takes into account the number of months the client is enrolled in the program and the number and timing of recommended medical screens. In the dental program, administrative protocol allows one preventive dental service (i.e., exam) each six months, but there is no recommended schedule of services for dental comparable to the American Pediatric Association's schedule for medical screens. As an administrative practice, pre-school children and children with permanent teeth alike are allowed one service each six months. The dental participation rate is calculated as a percentage of eligibles served, unless the average

length

of

time

in

the

program drops to below six months, which would trigger a formula that takes into account the length of program eligibility. No county reported less than six months average period of eligibility in 2000.

DEFINITIONS

The SFY 2000 THSteps Dental Statewide Report provides information regarding the utilization of THSteps dental services by county. Below are listed some commonly used terms and the corresponding definitions used in this report.

Average County Participation Rate - the average of every county's participation rate, based on eligibles and those served in each individual county. This should not be confused with the participation rate for Texas, which reflects participation of the whole state, based on the number of eligibles and the number of eligibles served in the state as a whole. The average county participation rate is used as the comparison to a county's participation rate in order to evaluate the county's performance.

Average Period of Eligibility (yrs) - the average period of eligibility, in years, for THSteps eligibles ages 1-20 in the defined reporting period. The calculation is derived from the total number of eligibility months (member or recipient months) divided by the number of THSteps eligibles, divided by 12.

Claim - a document completed and submitted by a dental service provider requesting payment for dental services provided to a patient.

Exam Utilization Rate - The unduplicated count of THSteps eligibles (1-20) who received at least one exam (D0120, D0140, or D0150) divided by the total number of THSteps eligibles.

Health Professional Shortage Area (HPSA) - a county or area determined to need additional health care providers based on the ratio of population to providers. There are two different HPSA designations; a county can be considered a whole county HPSA if there is a deficit of providers through out the entire county; or if only a small portion of the county or a specific population within the county experience a shortage, the county can be designated a partial county HPSA. HPSA designations are made by TDH, Office of Policy and Planning, Health Professions Resource Center.

Medicaid Enrolled Providers - unduplicated count of dentists or group practices enrolled as a Texas Medicaid provider in SFY 2000.

Participation Rate - the number of THSteps eligibles ages 1-20 receiving at least one dental service divided by the number of THSteps eligibles who could have received at least one dental service considering average period of eligibility, number of eligibles, and the administrative protocol which allows one preventive service each six months.

Percent Population Eligible for THSteps - THSteps eligibles ages 1-20 divided by the Texas child population.

Reporting Period - the period of time defined for purposes of data collection and reporting. Reporting period for purposes of this report are activities which occurred in a state fiscal year (SFY).

Texas Child Population - estimates of the population (1 through 20) of a defined geographic area.

Texas Licensed Dentists - count of Texas licensed dentists regardless of status or practice type. A count is also provided that shows the number of dental providers that could be eligible to provide THSteps dental services, which includes the number of general dentists, orthodontists, pediatric dentists, and public health dentists.

THSteps - Texas Health Steps (EPSDT).

THSteps Eligibles - cumulative unduplicated total of Medicaid eligibles (1 through 20) with at least one day of Medicaid eligibility in the defined reporting period.

THSteps Eligibles Receiving at Least One Dental Service - the unduplicated count of THSteps eligibles who received at least one THSteps dental service in the defined reporting period as evidenced by a paid claim in the Texas Medicaid Management Information System (TMMIS).

THSteps Dental Services - the unduplicated count of THSteps dental services provided in the defined reporting period as evidenced by a paid claim in the Texas Medicaid Management Information System (TMMIS). This excludes orthodontic and emergency services.

TMMIS - Texas Medicaid Management Information System.

CALCULATIONS

Measures: The participation rate provides the foundation of the THSteps Dental Statewide Report and allow for the evaluation of the performance of the THSteps program over time. Participation rates present the rate THSteps eligibles access dental services.

Example 1 - Participation Rates

Name	Age Group	Months of THSteps Eligibility	Number of THSteps Dental Services
Joe Jones	6 - 14	5	1
Mary Smith	6 - 14	6	1
Jose Gonzalez	6 - 14	11	2
Jane Williams	6 - 14	3	0
Total		25	4

Participation rates indicate the number of THSteps eligibles who have received at least one THSteps dental service, and determines the served population.

The methodology for the calculation of participation rate incorporates the average period

of eligibility, the number of eligibles, and the allowed schedule of dental services. In Example 1, the calculated participation rate would be 75% (3/4).

of Eligibles = 4
 # Eligibles Receiving at least 1 Dental Service = 3
 Participation Rate = 3/4 = .75
 # of THSteps Dental Services = 4

**Note: If the Average Period of Eligibility X the Number of Periodic Exams Recommended is greater than 1, the Number of Eligibles Expected to Receive at least 1 Exam is equal to the Number of Eligibles; otherwise, the Number of Eligibles Expected to Receive at Least 1 Exam is equal to the Number of Eligibles X the Average Period of Eligibility X the Number of Period Screens Recommended.*

The results of the Example 1 indicates that 75% of THSteps eligibles who could have received at least one dental service did, based on the allowed number of services, and the Medicaid average periods of eligibility. In addition, this example shows that four dental services were provided.

Continuing a change begun in the 1999 Statewide report, we have included reports of THSteps dental exam utilization rates as part of the Dental Statewide report, now found in Appendix B and reported at the county level. Previously these reports were sent under separate cover (as **THSteps Clients Receiving One or Two Dental Check-Ups per Year**) from the source data HMPR763K report, at the region and state level.

Test Criteria: The participation rate measure will be used to identify counties in which the participation rates are significantly lower than the average county participation rate. The average county participation rate is the average of the participation rates in every county based on the number of eligibles and the number of eligibles receiving a dental service in each individual county. This is different from the participation rate for the State of Texas as a whole. For the purposes of this report, counties that are significantly lower than the average county participation rate are counties where the participation rate fell - 1.0 standard deviations or further from the average county participation rate. Counties with fewer than 100 eligibles were not considered in the analysis. The results of this analysis can be found on page 37.

DATA SOURCES

The THSteps Dental Statewide Report includes data from multiple sources. These sources include:

Texas Population - 2000 populations updated on 11/99, provided by the Texas State Data Center at Texas A&M University.

Dental Eligibles and Average Period of Eligibility - 2000 eligibles (age 1-20) from DHS eligibility files as reported in NHIC HMPR 980K report, 3/31/2001.

Dental Services Utilization - claims paid and processed as of 7/11/2001 for services provided 9/1/99 through 8/31/00 from NHIC Ad Hoc data request (AH2757).

Dental Exam Utilization - claims paid and processed as of 7/17/2001 for services provided 9/1/99 through 8/31/00 from NHIC Ad Hoc data request (AH2758).

Dental Service Providers - Texas Licensed Dentists from the Texas Board of Dental Examiners database, last updated 7/24/2001; THSteps Dental Service Providers from HMPR 351K updated on 1/18/01.

DATA LIMITATIONS

1. The data provided in this report is from the TMMIS. The data represents only services billed and paid through the claims processing system. If services were provided but the provider failed to submit a claim or the claim was denied for payment, the services provided would not be represented in the TMMIS.
2. The claims payment process requires approximately 150 days from the date of service for the data to be available for reporting. SFY 2000 data was considered closed as of 3/31/2001. More than 150 days have expired from the last day of the fiscal year, 8/31/00. The TMMIS is a fluid system, however, that continues to add delayed claims after 150 days.
3. Ad Hoc data requests for services and exam data were formulated specifically for this report. Reports of exam utilization are included for a more comprehensive report of dental activity. Source data is improved, with the exception that separate reports introduce inconsistencies in timing.
4. Calculation of exam utilization rates and service participation rates required merging the eligibility files from one source with the services/exam data from another source. The eligibility file was frozen as of March 31, 2001, while the services/exam data were captured in July 2001. Most services are processed in about 150 days, but the appeals process can extend the time required and the number of services/exams will continue to sum until the date of the data summary. There is also a lag between notification of an eligible's move to another county and change to the eligibility file. Some small inconsistencies will be apparent in very small counties, for example, services reported to mobile clients who are not yet on the county's eligible list. We plan to have eligibles,

services and exams incorporated into the same report with expansions to Compass21, providing a seamless dataset.

III. THE STATE OF TEXAS

General: The State of Texas encompasses 261,914 square miles. With a population of 20,344,798 persons, the population density is 77.7 persons per square mile. Approximately 31% (6,258,093) of the population of Texas are children ages 1 through 20. Of those children, 1,586,315 were eligible in SFY 2000 for dental services provided through the Texas Health Steps (THSteps [EPSDT]) program. The average period of Medicaid eligibility for the THSteps population was 8.3 months.

In SFY 2000, there are 11,113 active licensed dentists in Texas, of which 9,796 would be eligible to be THSteps dental service providers. The state has approximately one licensed dentist for every 1,831 persons. Forty-three of the 254 Texas counties do not have a licensed dentist. There are 94 geographic areas in Texas designated as Health Professional Shortage Areas (HPSA), of which 75 are entire counties. In Texas, there are 3,551 THSteps dental service providers.

TEXAS	SFY 1999	SFY 2000
Texas Population (1-20 yrs)	6,173,479	6,258,093
# THSteps Eligibles	1,583,039	1,586,315
% Population Eligible for THSteps	26%	25%
Average Period of Eligibility	.69	.69
# THSteps Eligibles Receiving at Least One Dental Service	644,208	643,942
Participation Rate	41%	41%
#THSteps Dental Services	5,070,291	5,219,531
#THSteps Eligibles Receiving Exams	601,031	608,060
Exam Utilization Rate	38.0%	38.3%

THSteps: The Texas THSteps Dental program provided a dental service to 643,942 children in SFY 2000. This means that 41% of the THSteps eligibles who could have received at least one dental service received a dental service. (See Appendix A for dental services participation rates by county). In SFY 2000, 608,060 children (38.3%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 4 public health regions and 54 counties reported participation rates equivalent to or greater than the 41% Texas participation rate. (See Appendix B for dental exam utilization rates by county).

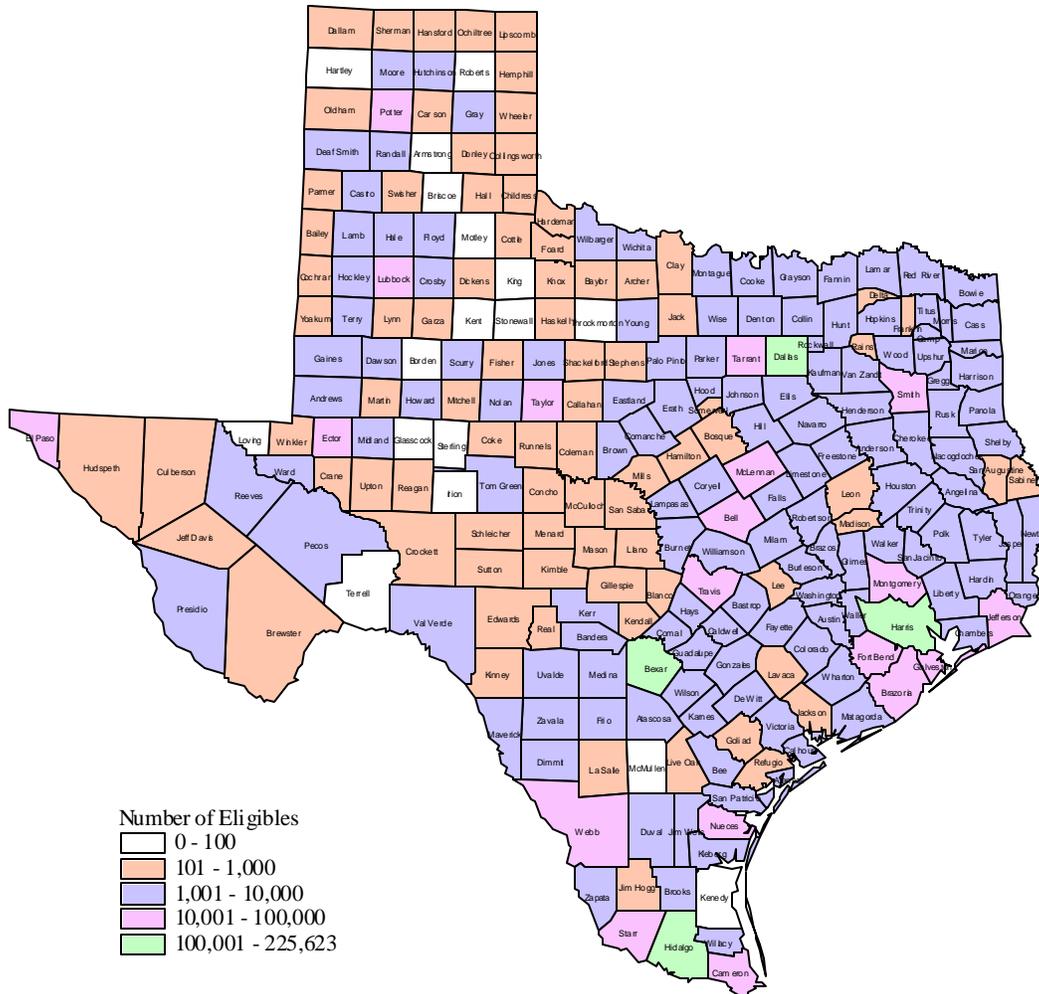
THSteps Dental Participation Rate " Texas, SFY 2000
Number of Counties with Participation Rate
At or Above Texas Participation Rate
by Public Health Region

Public Health Region	Number of Counties	Participation Rate for Public Health Region in SFY 1999*	Number of Counties with Participation Rate At or Above Texas Participation Rate of 41% for SFY 2000	Participation Rate for Public Health Region in SFY 2000*
PHR 1	41	31%	1	30%
PHR 2	30	39%	8	35%
PHR 3	19	33%	0	34%
PHR 4	23	35%	3	35%
PHR 5	15	35%	1	35%
PHR 6	13	42%	4	43%
PHR 7	30	33%	3	33%
PHR 8	28	45%	11	44%
PHR 9	30	33%	9	32%
PHR 10	6	45%	1	45%
PHR 11	19	51%	13	51%
Texas	254	41%	54	41%

***Note:** Participation rates listed above for Public Health Regions and for Texas are calculated based on the number of eligibles and the number of eligibles receiving at least one dental service in each geographic area.

THSteps Eligibles " Texas, SFY 2000

Number of THSteps Eligibles by County



Public Health Region 1

Public Health Region 1 (PHR 1) encompasses 41 counties in northwest Texas with 39,431 square miles within its boundary. With an estimated population of 775,437 persons, the population density is 19.7 persons per square mile.

Thirty-one percent of the population of PHR 1 was between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 73,313. The average period of eligibility for the THSteps population was 8.2 months.

There are 281 licensed dentists in PHR 1, of which 259 could be eligible to enroll as a THSteps dental service provider. PHR 1 has approximately one licensed dentist for every 2,760 persons. Fifteen of the 41 counties in PHR 1 do not have a licensed dentist. There are 22 counties with Health Professional Shortage Area (HPSA) designations, 18 of which are designated as whole county HPSA. There are 127 dentists enrolled in the Medicaid program.

PUBLIC HEALTH REGION 1	SFY 1999	SFY 2000
Region Population (1-20 yrs)	241,592	241,780
# THSteps Eligibles	73,542	73,313
% Population Eligible for THSteps	30%	30%
Average Period of Eligibility	.68	.68
# THSteps Eligibles Receiving at Least One Dental Service	23,304	21,687
Participation Rate	31%	30%
#THSteps Dental Services	139,561	132,488
# THSteps Eligibles Receiving Exams	20,852	19,594

In SFY 2000, the THSteps dental program served 21,687 children. The participation rate in PHR 1 was 30% in SFY 2000. In SFY 2000, 19,594 children (26.7%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 1 of the 41 (2.4%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

THSteps Participation Rate " PHR 1, SFY 2000

Comparison Between County and Texas Participation Rates

Dallam	Sherman	Hansford	Ochiltree	Lipscomb	
Hartley	Moore	Hutchinson	Roberts	Hemphill	
Oldham	Potter	Carson	Gray	Wheeler	
Deaf Smith	Randall	Armstrong	Donley	Collingsworth	
Parmer	Castro	Swisher	Briscoe	Hall	Childress
Bailey	Lamb	Hale	Floyd	Mofey	
Cochran	Hockley	Lubbock	Crosby	Dickens	King
Yoakum	Terry	Lynn	Garza		

County Participation Rates
 Below 41%
 At or above 41%
 No eligibles

Change in Participation Rates by County

Dallam	Sherman	Hansford	Ochiltree	Lipscomb	
Hartley	Moore	Hutchinson	Roberts	Hemphill	
Oldham	Potter	Carson	Gray	Wheeler	
Deaf Smith	Randall	Armstrong	Donley	Collingsworth	
Parmer	Castro	Swisher	Briscoe	Hall	Childress
Bailey	Lamb	Hale	Floyd	Mofey	
Cochran	Hockley	Lubbock	Crosby	Dickens	King
Yoakum	Terry	Lynn	Garza		

Change in Participation Rates
 Decrease
 No change
 Increase
 No eligibles

Public Health Region 2

Public Health Region 2 (PHR 2) encompasses 30 counties in north Texas with 27,357 square miles within its boundary. With an estimated population of 533,926 persons, the population density is 19.5 persons per square mile.

Twenty-nine percent of the population of PHR 2 was between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 42,671. The average period of eligibility for the THSteps population was 8.4 months.

PUBLIC HEALTH REGION 2	SFY 1999	SFY 2000
Region Population (1-20 yrs)	154,327	153,825
# THSteps Eligibles	42,879	42,671
% Population Eligible for THSteps	28%	28%
Average Period of Eligibility	.70	.70
# THSteps Eligibles Receiving at Least One Dental Service	16,933	14,950
Participation Rate	39%	35%
#THSteps Dental Services	107,679	99,394
# THSteps Eligibles Receiving Exams	15,327	13,927
Exam Utilization Rate	35.7%	32.6%

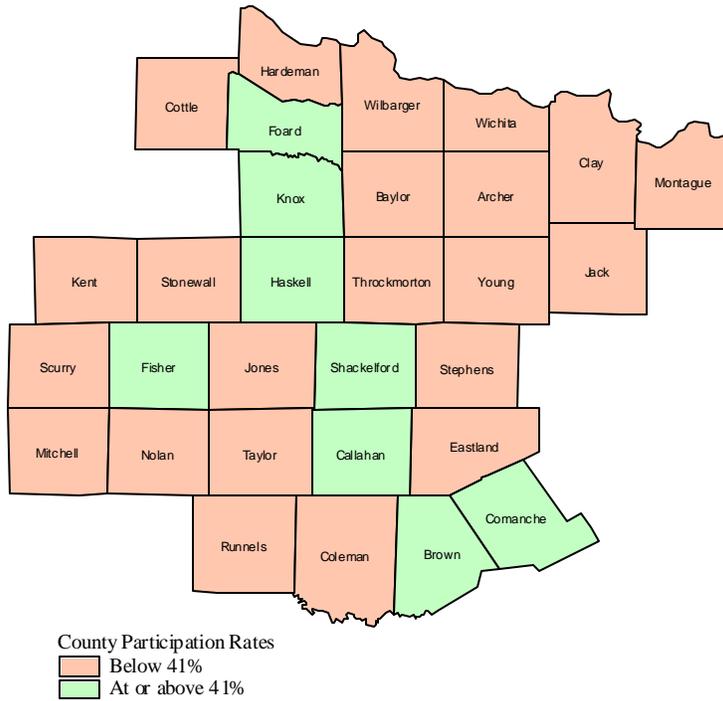
There are 216 licensed dentists in PHR 2, of which 196 could be eligible to enroll as a THSteps dental service provider. PHR 2 has approximately one licensed dentist for every 2,472 persons. Five of the 30 counties in PHR 2 do not have a licensed dentist. There are nine counties with Health Professional Shortage Area (HPSA) designations, 7 of which are designated as whole county HPSA. There are 110 dentists enrolled in the Medicaid program.

In SFY 2000, the THSteps dental program served 14,950 children. The participation rate in PHR 2 was 35% in SFY 2000. In SFY 2000, 13,927 children (32.6%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 8 of the 30 (26.7%) counties reported participation rates equal to or above the statewide rate of 41%.

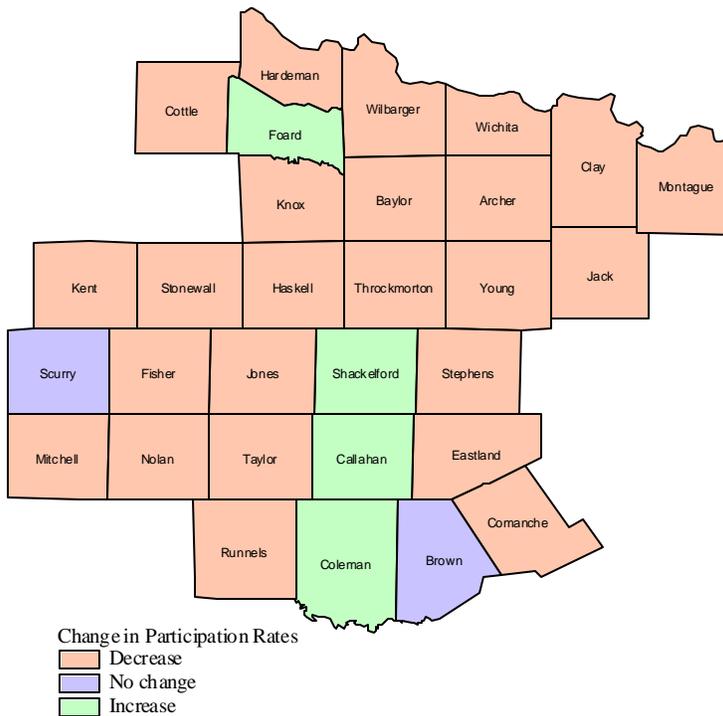
See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

THSteps Participation Rate " PHR 2, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 3

Public Health Region 3 (PHR 3) encompasses 19 counties in north-central Texas with 15,132 square miles within its boundary. With an estimated population of 5,496,858 persons, the population density is 363.3 persons per square mile.

Twenty-nine percent of the population of PHR 3 was between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 263,640. The average period of eligibility for the THSteps population was 7.6 months.

There are 2,714 licensed dentists in PHR 3, of which 2,426 could be eligible to enroll as a THSteps dental service

provider. PHR 3 has approximately one licensed dentist for every 2,025 persons. All of the 19 counties in PHR 3 have a licensed dentist. There are 2 counties with Health Professional Shortage Area (HPSA) designations, one of which is designated as whole county HPSA. There are 681 dentists enrolled in the Medicaid program.

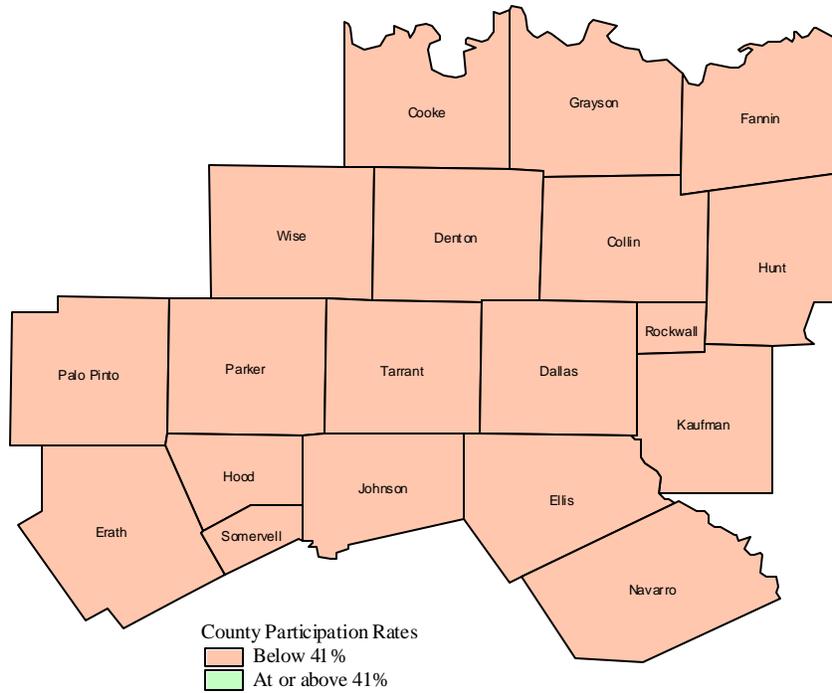
In SFY 2000, the THSteps dental program served 88,470 children. The participation rate in PHR 3 was 34% in SFY 2000. In SFY 2000, 83,740 children (31.8%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 0 of the 19 counties (0.0%) reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

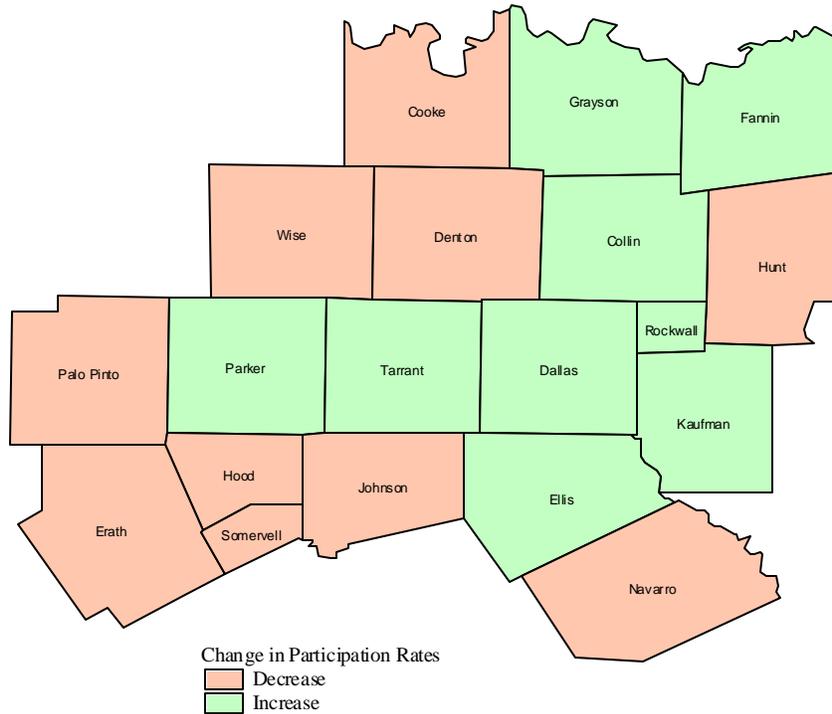
Public Health Region 3	SFY 1999	SFY 2000
Region Population (1-20 yrs)	1,569,776	1,601,320
# THSteps Eligibles	255,400	263,640
% Population Eligible for THSteps	16%	16%
Average Period of Eligibility	.63	.63
# THSteps Eligibles Receiving at Least One Dental Service	84,461	88,470
Participation Rate	33%	34%
#THSteps Dental Services	666,332	794,543
# THSteps Eligibles Receiving Exams	77,746	83,740
Exam Utilization Rate	30.4%	31.8%

THSteps Participation Rate -- PHR 3, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 4

Public Health Region 4 (PHR 4) encompasses 23 counties in northeast Texas with 15,527 square miles within its boundary. With an estimated population of 978,292 persons, the population density is 63.0 persons per square mile.

Twenty-seven percent of the population of PHR 4 was between 1 and 20 years of age.

The population eligible to receive THSteps dental services in SFY 2000 was 73,966. The average period of eligibility for the THSteps population was 8.2 months.

There are 378 licensed dentists in PHR 4, of which 346 could be eligible to enroll as a THSteps dental service provider. PHR 4 has

approximately one licensed dentist for every 2,588 persons. All of the 23 counties in PHR 4 have a licensed dentist. There is one county with a Health Professional Shortage Area (HPSA) designation, which is designated as whole county HPSA. There are 197 dentists enrolled in the Medicaid program.

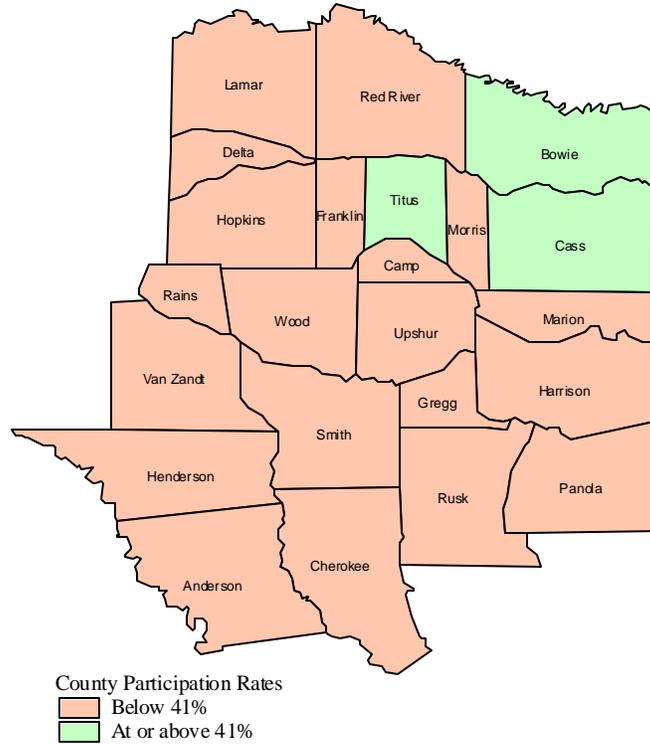
In SFY 2000, the THSteps dental program served 25,824 children. The participation rate in PHR 4 was 35% in SFY 2000. In SFY 2000, 23,756 children (32.1%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 3 of the 23 (13.0%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

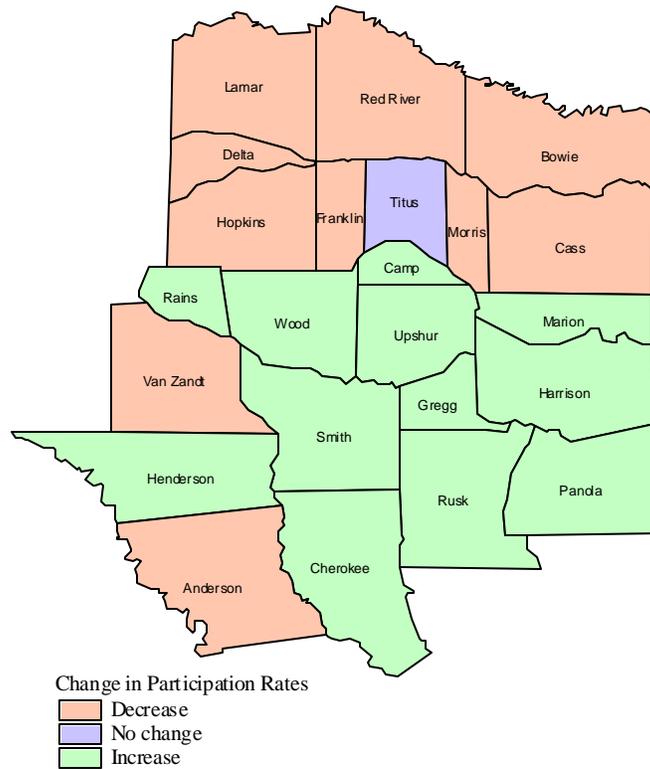
Public Health Region 4	SFY 1999	SFY 2000
Region Population (1-20 years)	267,874	267,480
# THSteps Eligibles	72,661	73,966
% Population Eligible for THSteps	27%	28%
Average Period of Eligibility	.68	.68
# THSteps Eligibles Receiving at Least One Dental Service	25,416	25,824
Participation Rate	35%	35%
#THSteps Dental Services	183,498	195,741
# THSteps Eligibles Receiving exams	23,115	23,756
Exam Utilization Rate	31.8%	32.1%

THSteps Participation Rate -- PHR 4, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 5

Public Health Region 5 (PHR 5) encompasses 15 counties in southeast Texas with 12,061 square miles within its boundary. With an estimated population of 692,200 persons, the population density is 57.4 persons per square mile.

Twenty-eight percent of the population of PHR 5 is between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 62,729. The average period of eligibility for the THSteps population was 8.5 months.

There are 255 licensed dentists in PHR 5, of which 238 could be eligible to enroll as a THSteps dental service provider. PHR 5 has

approximately one licensed dentist for every 2,715 persons. All of the 15 counties in PHR 5 have a licensed dentist. There are seven counties with Health Professional Shortage Area (HPSA) designations, three of which are designated as whole county HPSA. There are 136 dentists enrolled in the Medicaid program.

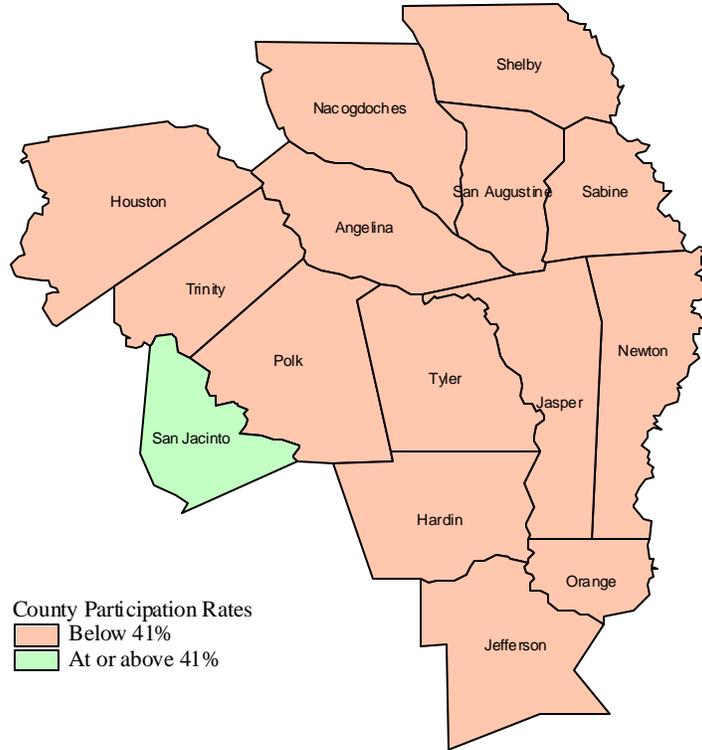
In SFY 2000, the THSteps dental program served 21,910 children. The participation rate in PHR 5 was 35% in SFY 2000. In SFY 2000, 20,009 children (31.9%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 1 of the 15 (6.7%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

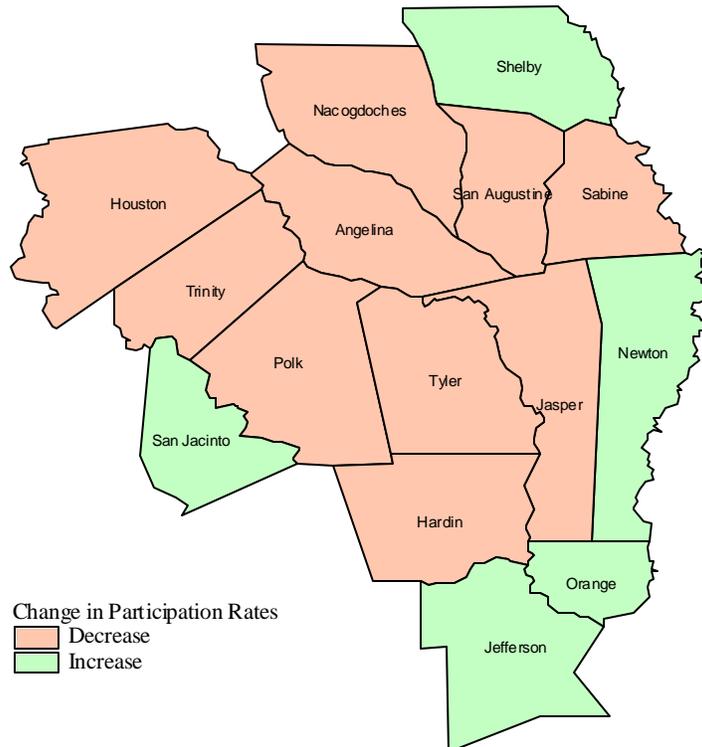
Public Health Region 5	SFY 1999	SFY 2000
Region Population (1-20 years)	198,024	197,033
# THSteps Eligibles	63,685	62,729
% Population Eligible for THSteps	32%	32%
Average Period of Eligibility	.71	.71
# THSteps Eligibles Receiving at Least One Dental Service	21,978	21,910
Participation Rate	35%	35%
#THSteps Dental Services	143,795	154,268
# THSteps Eligibles Receiving Exams	19,680	20,009
Exam Utilization Rate	30.9%	31.9%

THSteps Participation Rate -- PHR 5, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 6

Public Health Region 6 (PHR 6) encompasses 13 counties in south Texas with 12,315 square miles within its boundary. With an estimated population of 4,634,442 persons, the population density is 376.3 persons per square mile.

Thirty-one percent of the population of PHR 6 are between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 299,283. The average period of eligibility for the THSteps population was 8.0 months.

There are 2,505 licensed dentists in PHR 6, of which 2,252 could be eligible to enroll as a THSteps dental service provider. PHR 6 has approximately one licensed

dentist for every 1,850 persons. All of the 13 counties in PHR 6 have a licensed dentist. There are three counties with a Health Professional Shortage Area (HPSA) designation, 1 of which is designated as whole county HPSA. There are 787 dentists enrolled in the Medicaid program.

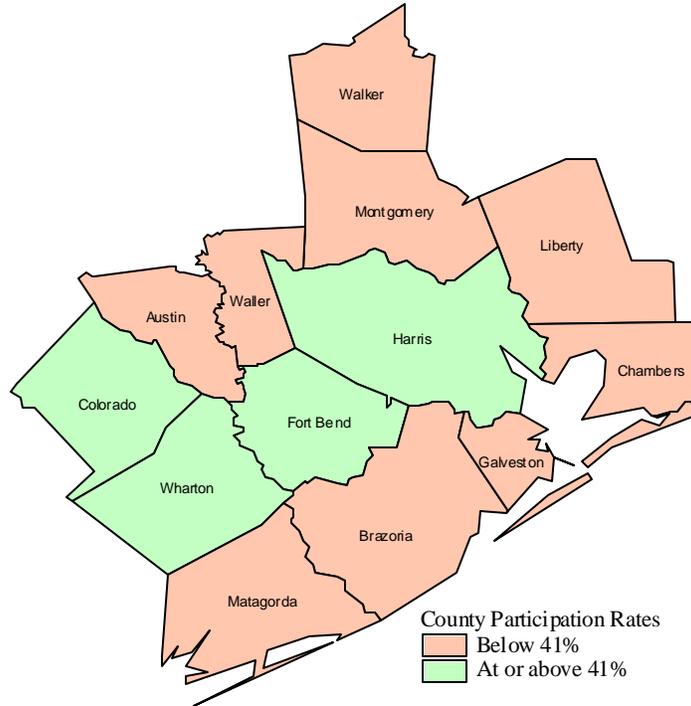
In SFY 2000, the THSteps dental program served 128,520 children. The participation rate in PHR 6 was 43% in SFY 2000. In SFY 2000, 122,452 children (40.9%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 4 of the 13 (30.8%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

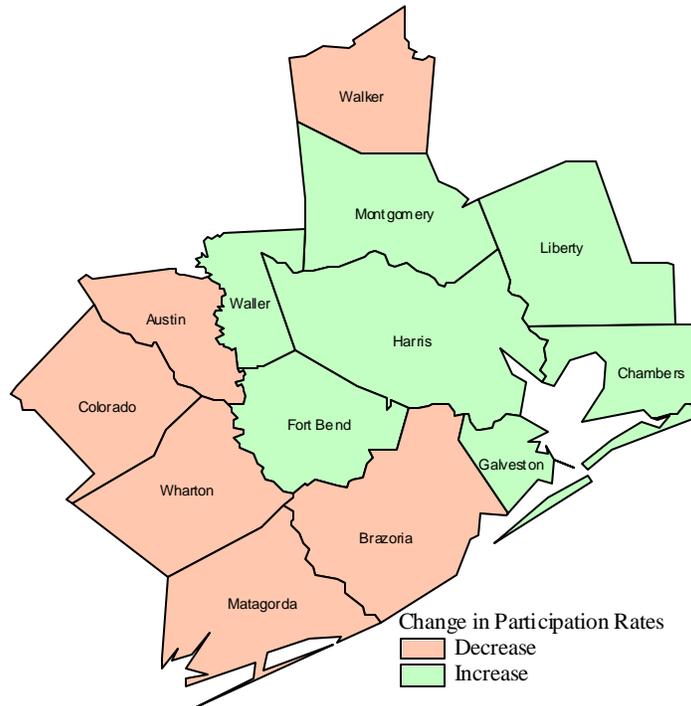
PUBLIC HEALTH REGION 6	SFY 1999	SFY 2000
Region Population (1-20 years)	1,414,287	1,431,718
# THSteps Eligibles	299,383	299,283
% Population Eligible for THSteps	21%	21%
Average Period of Eligibility	.66	.67
# THSteps Eligibles Receiving at Least One Dental Service	125,677	128,520
Participation Rate	42%	43%
#THSteps Dental Services	1,173,733	1,260,306
# THSteps Eligibles Receiving Exams	118,546	122,452
Exam Utilization Rate	39.6%	40.9%

THSteps Participation Rate -- PHR 6, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 7

Public Health Region 7 (PHR 7) encompasses 30 counties in central Texas with 25,612 square miles within its boundaries. With an estimated population of 2,019,906 persons, the population density is 78.9 persons per square mile.

Thirty-one percent of the population of PHR 7 are between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 122,156. The average period of eligibility for the THSteps population was 8.0 months.

There are 1,030 licensed dentists in PHR 7, of which 942 could be eligible to enroll as a THSteps dental service

provider. PHR 7 has approximately one licensed dentist for every 1,961 persons. All of the 30 counties in PHR 7 have a licensed dentist. There are seven counties with Health Professional Shortage Area (HPSA) designations, five of which are designated as whole county HPSA. There are 362 dentists enrolled in the Medicaid program.

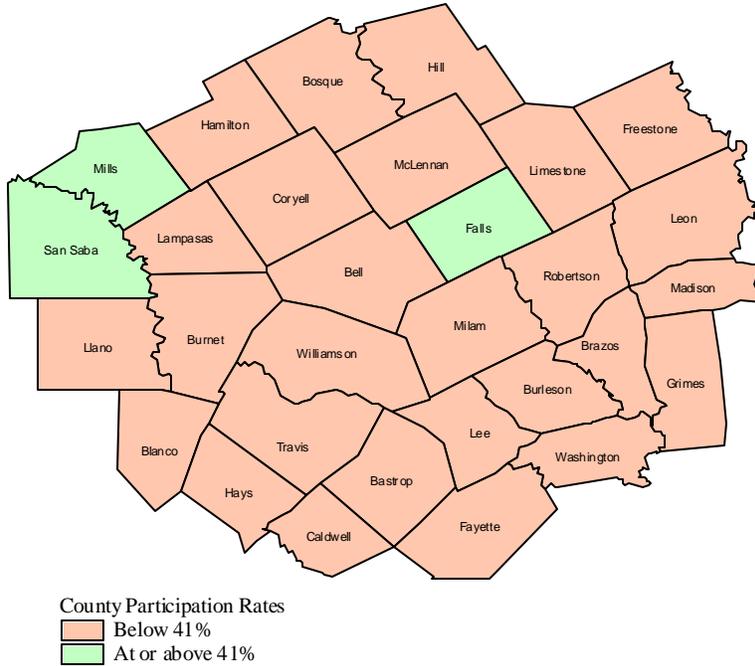
In SFY 2000, the THSteps dental program served 39,751 children. The participation rate in PHR 7 was 33% in SFY 2000. In SFY 2000, 37,122 children (30.4%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 3 of the 30 (10.0%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

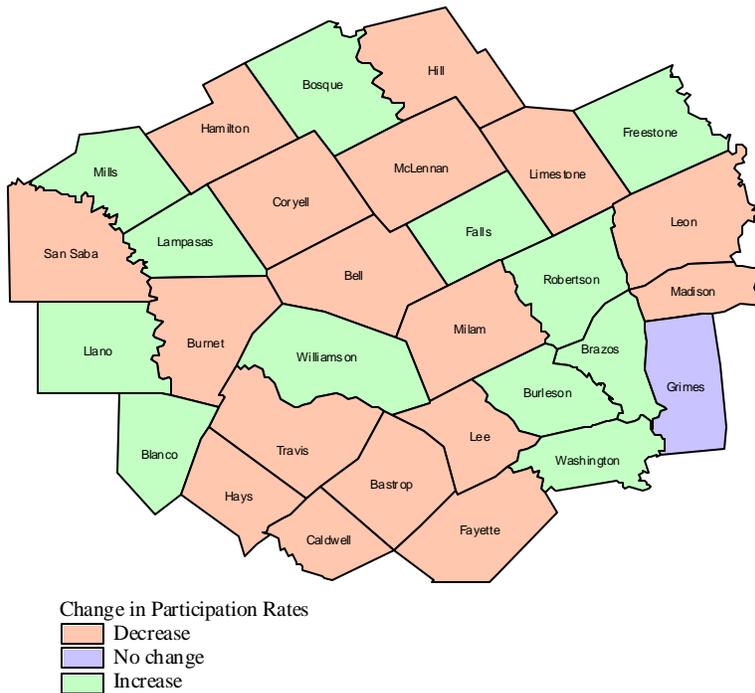
PUBLIC HEALTH REGION 7	SFY 1999	SFY 2000
Region Population (1-20 years)	618,617	628,112
# THSteps Eligibles	123,490	122,156
% Population Eligible for THSteps	20%	19%
Average Period of Eligibility	.68	.67
# THSteps Eligibles Receiving at Least One Dental Service	41,335	39,751
Participation Rate	33%	33%
#THSteps Dental Services	291,668	284,656
# THSteps Eligibles Receiving Exams	37,720	37,122
Exam Utilization Rate	30.5%	30.4%

THSteps Participation Rate -- PHR 7, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 8

Public Health Region 8 (PHR 8) encompasses 28 counties in central Texas with 31,727 square miles. With an estimated population of 2,107,149 persons, the population density is 66.4 persons per square mile.

Thirty-one percent of the population of PHR 8 are between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 199,199. The average period of eligibility for the THSteps population was 8.6 months.

There are 1,170 licensed dentists in PHR 8, of which 1,008 could be eligible to enroll as a

THSteps dental service provider. PHR 8 has approximately one licensed dentist for every 1,801 persons. Four of the 28 counties in PHR 8 do not have a licensed dentist. There are 14 counties with Health Professional Shortage Area (HPSA) designations, 12 of which are designated as whole county HPSA. There are 623 dentists enrolled in the Medicaid program.

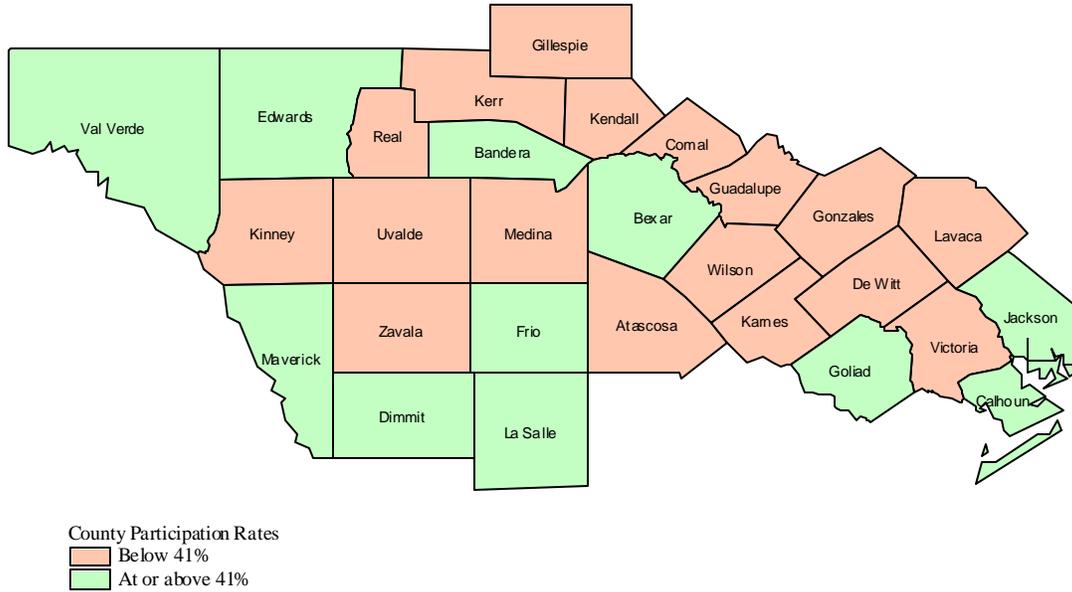
In SFY 2000, the THSteps dental program served 88,295 children. The participation rate in PHR 8 was 44% in SFY 2000. In SFY 2000, 83,663 children (42.0%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 11 of the 28 (39.3%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

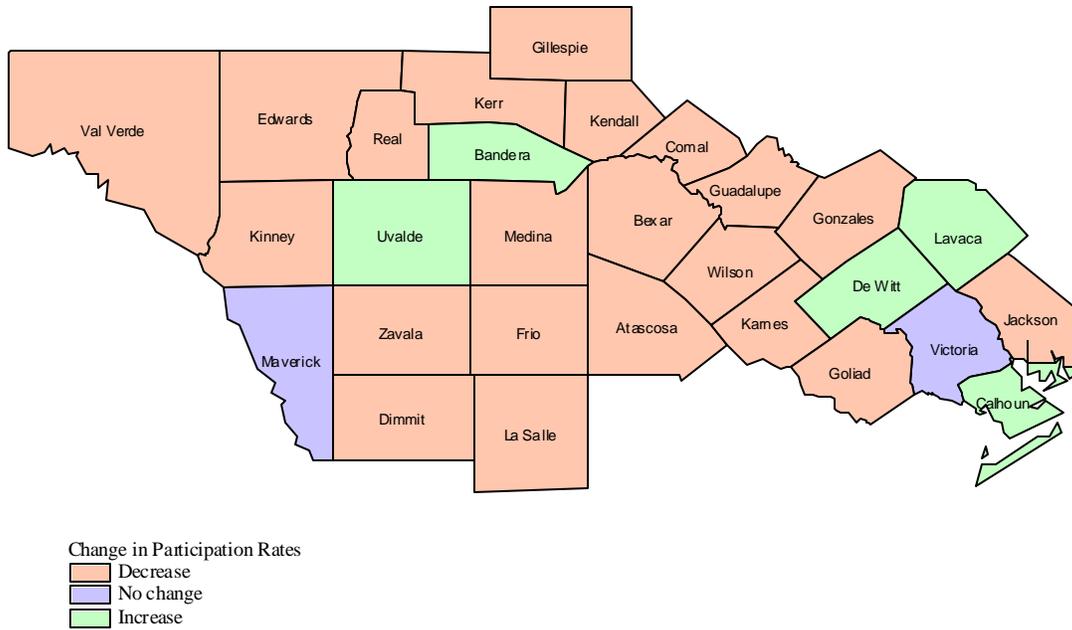
Public Health Region 8	SFY 1999	SFY 2000
Region Population (1-20 years)	646,995	653,778
# THSteps Eligibles	202,185	199,199
% Population Eligible for THSteps	31%	30%
Average Period of Eligibility (yrs)	.73	.72
# THSteps Eligibles Receiving at Least One Dental Service	91,209	88,295
Participation Rate	45%	44%
#THSteps Dental Services	712,637	690,550
# THSteps Eligibles Receiving Exams	85,030	83,663
Exam Utilization Rate	42.1%	42.0%

THSteps Participation Rate -- PHR 8, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 9

Public Health Region 9 (PHR 9) encompasses 30 counties in west Texas with 39,749 square miles.

With an estimated population of 573,631 persons, the population density is 14.4 persons per square mile.

Thirty-one percent of the population of PHR 9 are between 1 and 20 years of age.

The population eligible to receive THSteps dental services in SFY 2000 was 49,907. The average period of eligibility for the THSteps population was 8.3 months.

There are 175 licensed dentists in PHR 9, of which 164 could be eligible to enroll as a THSteps dental service provider. PHR 9 has

approximately one licensed dentist for every 3,278 persons. Nine of the 30 counties in PHR 9 do not have a licensed dentist. There are 13 counties with Health Professional Shortage Area (HPSA) designations, 12 of which are designated as whole county HPSA. There are 79 dentists enrolled in the Medicaid program.

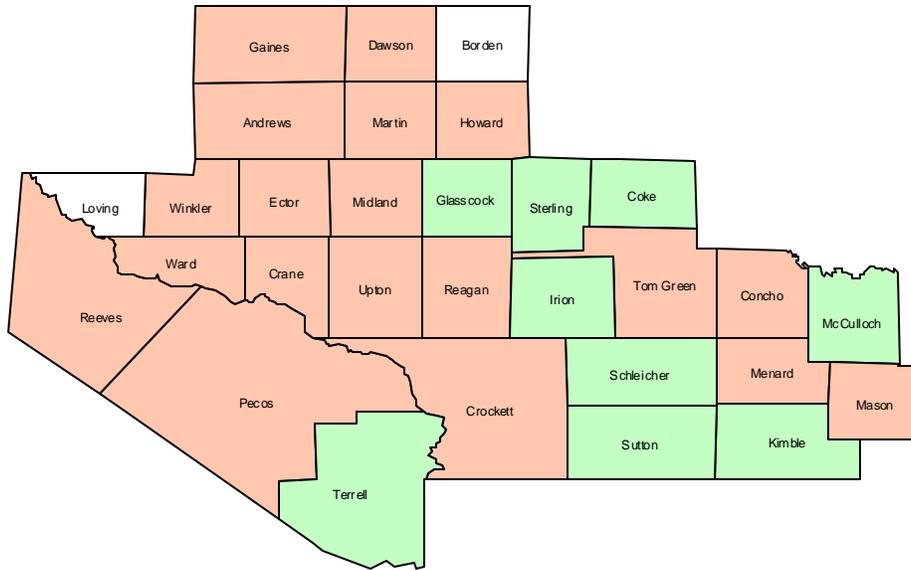
In SFY 2000, the THSteps dental program served 16,002 children. The participation rate in PHR 9 was 32% in SFY 2000. In SFY 2000, 14,806 children (29.7%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 9 of the 30 (30.0%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

PUBLIC HEALTH REGION 9	SFY 1999	SFY 2000
Region Population (1-20 years)	178,679	179,464
# THSteps Eligibles	49,904	49,907
% Population Eligible for THSteps	28%	28%
Average Period of Eligibility	.68	.69
# THSteps Eligibles Receiving at Least One Dental Service	16,231	16,002
Participation Rate	33%	32%
#THSteps Dental Services	105,492	107,088
# THSteps Eligibles Receiving Exams	14,905	14,806
Exam Utilization Rate	29.9%	29.7%

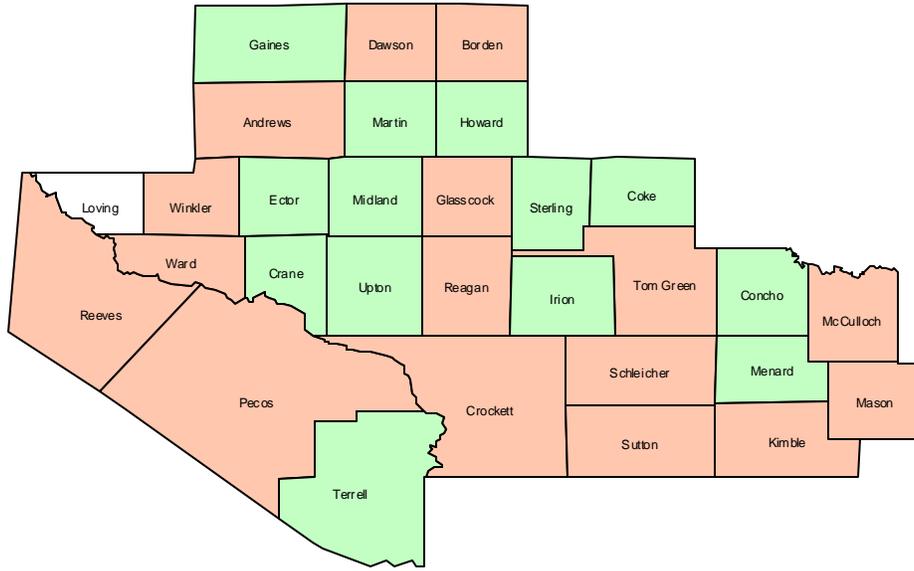
THSteps Participation Rate -- PHR 9, SFY 2000

Comparison Between County and Texas Participation Rates



County Participation Rates
 Below 4.1%
 At or above 4.1%
 No eligibles

Change in Participation Rates by County



Change in Participation Rates
Decrease
Increase
No eligibles

Public Health Region 10

Public Health Region 10 (PHR 10) encompasses 6 counties in southwest Texas with 21,711 square miles within its boundary. With an estimated population of 804,593 persons, the population density was 37.1 persons per square mile.

Thirty-five percent of the population of PHR 10 are between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 99,098. The average period of eligibility for the THSteps population was 8.8 months.

There are 170 licensed dentists in PHR 10, of which 144 could be eligible to enroll as a THSteps dental service

provider. PHR 10 has approximately one licensed dentist for every 4,733 persons. Four of the six counties in PHR 10 do not have a licensed dentist. There are four counties with Health Professional Shortage Area (HPSA) designations, three of which are designated as whole county HPSA. There are 94 dentists enrolled in the Medicaid program.

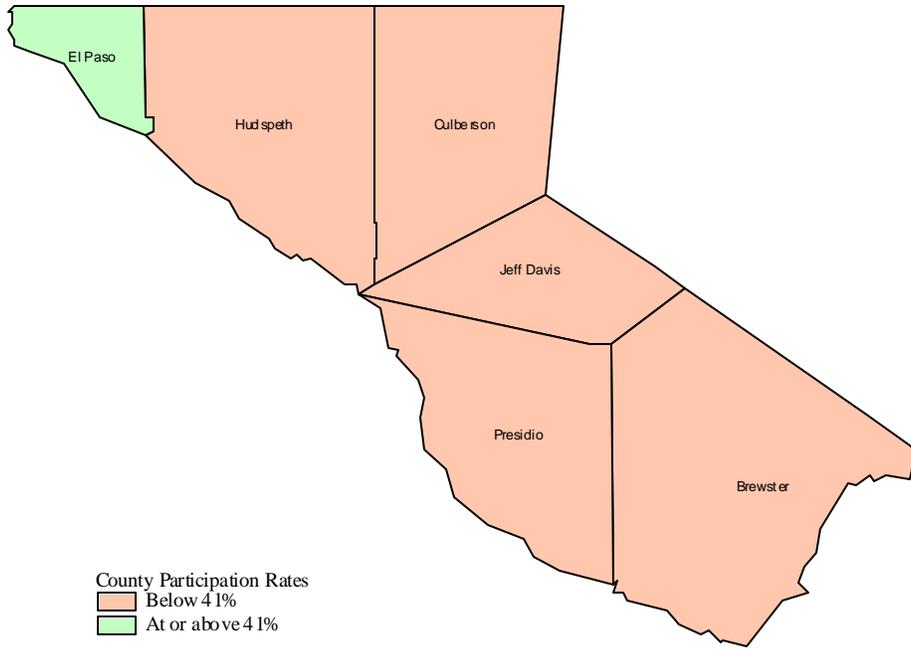
In SFY 2000, the THSteps dental program served 45,070 children. The participation rate in PHR 10 was 45% in SFY 2000. In SFY 2000, 42,873 children (43.3%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 1 of the 6 (16.7%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

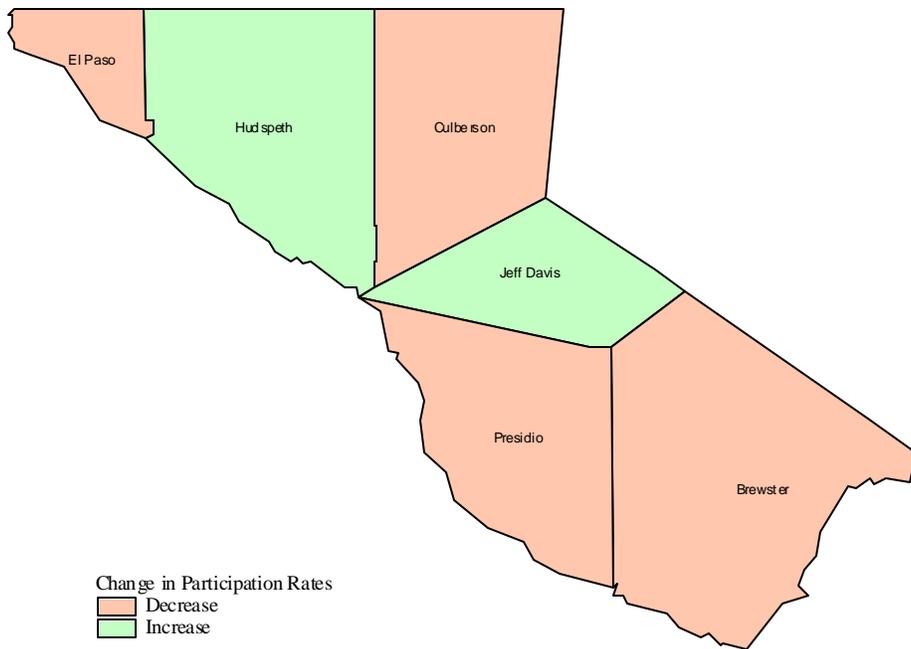
PUBLIC HEALTH REGION 10	SFY 1999	SFY 2000
Region Population (1-20 years)	272,309	279,466
# THSteps Eligibles	100,034	99,098
% Population Eligible for THSteps	37%	35%
Average Period of Eligibility	.73	.73
# THSteps Eligibles Receiving at Least One Dental Service	45,303	45,070
Participation Rate	45%	45%
#THSteps Dental Services	366,202	347,674
# THSteps Eligibles Receiving Exams	43,022	42,873
Exam Utilization Rate	43.0%	43.3%

THSteps Participation Rate -- PHR 10, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



Public Health Region 11

Public Health Region 11 (PHR 11) encompasses 19 counties in south Texas with 21,293 square miles within its boundary. With an estimated population of 1,728,364 persons, the population density is 81.2 persons per square mile.

Thirty-six percent of the population of PHR 11 are between 1 and 20 years of age. The population eligible to receive THSteps dental services in SFY 2000 was 300,353. The average period of eligibility for the THSteps population was 9.1 months.

There are 396 licensed dentists in PHR 11, of which 364 could be eligible to enroll as a THSteps dental service provider. PHR 11 has approximately one licensed

dentist for every 4,365 persons. Six of the 19 counties in PHR 11 do not have a licensed dentist. There are 12 counties with Health Professional Shortage Area (HPSA) designations, all of which are designated as whole county HPSA. There are 325 dentists enrolled in the Medicaid program.

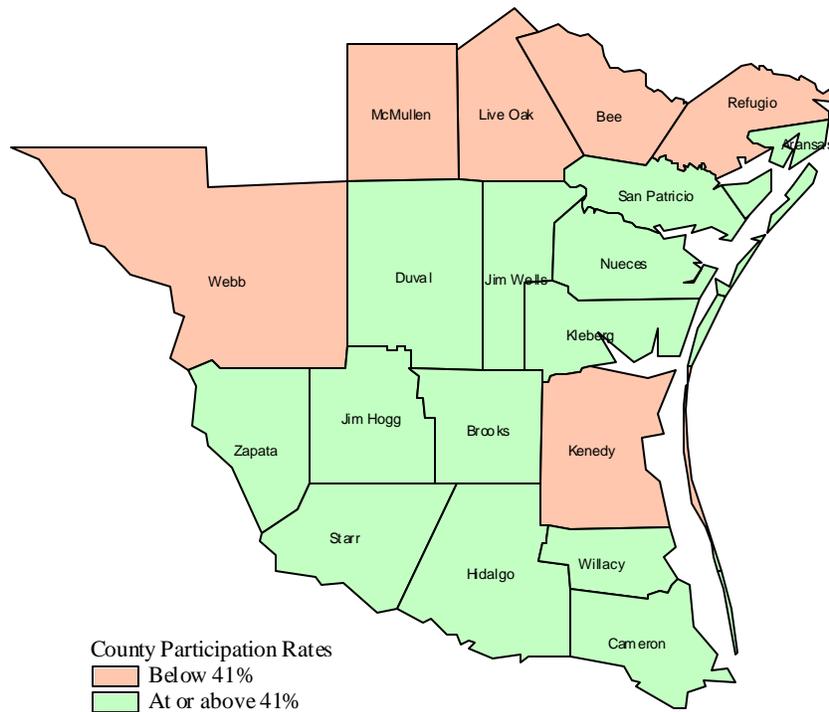
In SFY 2000, the THSteps dental program served 153,380 children. The participation rate in PHR 11 was 51% in SFY 2000. In SFY 2000, 146,118 children (48.6%) received at least one THSteps Dental Exam (D0120, D0140 or D0150). In SFY 2000, 13 of the 19 (68.4%) counties reported participation rates equal to or above the statewide rate of 41%.

See Appendix A for county level dental services participation rates, Appendix B for county level dental exam utilization rates.

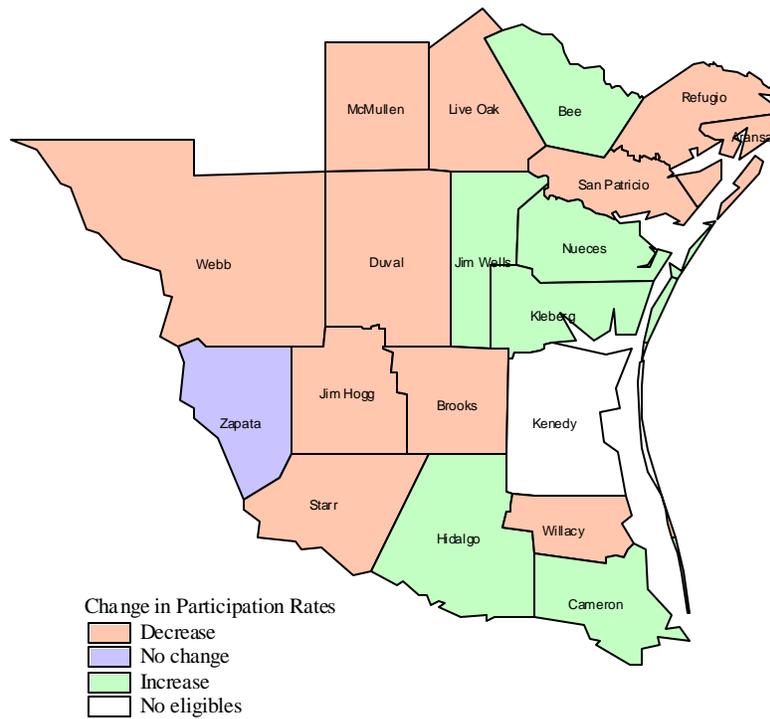
PUBLIC HEALTH REGION 11	SFY 1999	SFY 2000
Region Population (1-20 years)	610,999	624,117
# THSteps Eligibles	299,876	300,353
% Population Eligible for THSteps	49%	48%
Average Period of Eligibility	.75	.76
# THSteps Eligibles Receiving at Least One Dental Service	152,361	153,380
Participation Rate	51%	51%
#THSteps Dental Services	1,179,694	1,152,131
# THSteps Eligibles Receiving Exams	144,865	146,118
Exam Utilization Rate	48.3%	48.6%

THSteps Participation Rate -- PHR 11, SFY 2000

Comparison Between County and Texas Participation Rates



Change in Participation Rates by County



V. ANALYSIS

In SFY 2000, 1,586,315 children aged 1-20 were eligible for THSteps dental services. This represents about 25% of the Texas population for this age group. This percentage varied across regions. In PHR 11, 48% of the population aged 1-20 were eligible for THSteps dental services in SFY 2000, whereas, in PHR 3, 16% of children aged 1-20 were eligible.

In SFY 2000, 643,942 THSteps eligible children aged 1-20 received at least one THSteps dental service. This yielded a participation for Texas of 41%, steady from 41% in SFY 1999. Four public health regions (36.4%) reported participation rates at or above the Texas participation rate. Additionally, 54 counties (21.3%) reported participation rates at or above the Texas participation rate of 41%. Sixty eight percent of the counties in PHR 11 reported participation rates at or above the Texas participation rate, whereas all counties in PHR 3 reported participation rates below the Texas rate.

In SFY 2000, 608,136 THSteps eligible children aged 1-20 received at least one THSteps exam. This yielded an exam utilization rate for Texas of 38.3%, up slightly from 38.0% in SFY 1999. The four public health regions that reported participation rates above the statewide rate (Regions 11, 10, 8, and 6) also reported exam utilization rates above the statewide rate. In addition, the regions with the lowest service participation rates (Regions 1, 3, 7, and 9) also reported the lowest exam utilization rates. Nearly all children receiving a service also received an exam.

The Texas participation rate improved from 40% in 1998 to 41% in 1999 and 2000. Fifty four counties reported increased participation rates in SFY 2000 from SFY 1999. Additionally, 154 counties reported decreasing participation rates, and 8 counties reported no change.

Children eligible for THSteps dental services were eligible for Medicaid service for an average of 8.3 months of the year. Children aged 1-5 were Medicaid eligible for an average of 8.4 months; children aged 6-14 were eligible on average for 8.8 months; and children aged 15-20 were Medicaid eligible on average for 7.1 months of the year, unchanged from 1999. The average period of Medicaid eligibility varied across public health regions, from a high of 9.1 months in PHR 11, to a low of 7.6 months in PHR 3.

While some counties reported participation rates at or above the Texas participation rate, 39 counties (15%) reported participation rates significantly below the average county participation rate. Only PHRs 6 and 11 had no counties with participation rates significantly below the average. There were ten counties in PHR 1 with participation rates significantly below the average county participation rate, three counties in PHR 2, seven counties in PHR 3, four counties in PHR 4, four counties in PHR 5, two counties in PHR 7, one in PHR 8, five counties in PHR 9, and three counties in PHR 10.

VI. CONCLUSIONS

The analysis indicates that the pattern of service utilization in 2000 showed slight improvement. The four regions that reported higher participation rates than the state average in 1998 (Regions 11, 10, 8 and 6) repeated higher than statewide rates in 1999 and 2000.

Regions 11, 10 and 8 have the highest participation rates and the longest periods of eligibility, suggesting that length of program stay continues as an important factor in utilization. Regions 1, 3, 7 and 9 had the lowest participation rates (30% to 34%) and the shortest eligibility spans (7.6 to 8.2 months). And Region 6 again confounded the relationship by having the fourth highest participation rate and, this year, the second shortest eligibility span (8.0 months). Length of program stay is only a partial explanation of the variation in participation rates.

The mixed pattern of service utilization is difficult to interpret, crossing lines of urban/rural and MCO/FFS distinctions. Additionally, the short period of historical data and the changing environment (e.g., Medicaid eligibility periods, parental involvement, patterns of community practice, and policy) in which the THSteps Dental program operates creates many difficulties in interpreting the observed change in service utilization.

Counties Recommended for Corrective Action

PHRG	County	Number of Eligibles	Participation Rate	St. Dev. From State Mean
10	BREWSTER*	723	0.14	-2.59
10	CULBERSON*	509	0.17	-2.29
01	SHERMAN*	113	0.18	-2.14
01	OLDHAM*	402	0.19	-2.02
09	WINKLER*	772	0.21	-1.68
01	HEMPHILL*	109	0.22	-1.60
10	PRESIDIO*	1,189	0.23	-1.52
02	YOUNG*	1,464	0.23	-1.49
09	PECOS*	1,538	0.23	-1.48
02	JACK*	503	0.23	-1.47
03	WISE*	2,080	0.23	-1.47
04	HOPKINS*	1,886	0.23	-1.42
01	DALLAM*	597	0.24	-1.36
02	WILBARGER*	1,398	0.24	-1.34
01	DICKENS*	160	0.24	-1.31
05	SHELBY*	2,286	0.25	-1.29
05	SABINE*	761	0.25	-1.28
05	JASPER*	3,067	0.25	-1.28
03	HUNT*	5,470	0.25	-1.27
01	CASTRO*	1,214	0.25	-1.27
09	ANDREWS*	1,216	0.25	-1.25
03	COLLIN*	6,855	0.25	-1.23
08	KARNES*	1,332	0.25	-1.18
04	LAMAR*	4,436	0.25	-1.18
03	PALO PINTO*	1,871	0.25	-1.18
09	GAINES*	1,398	0.26	-1.12
03	DENTON*	7,939	0.26	-1.12
05	NEWTON*	1,370	0.26	-1.11
01	CROSBY*	1,303	0.26	-1.09
09	REAGAN*	337	0.26	-1.09
01	HOCKLEY*	2,621	0.26	-1.07
04	FRANKLIN*	442	0.26	-1.05
07	MCLENNAN*	16,138	0.26	-1.04
04	RED RIVER*	1,170	0.26	-1.04
01	MOORE*	1,547	0.27	-1.02
03	JOHNSON*	7,067	0.27	-1.01
01	HALE*	4,840	0.27	-1.01
03	ELLIS*	6,032	0.27	-1.00
07	HILL*	2,202	0.27	-1.00

*Recommended for Corrective Action, More than one St. Dev. From the State Mean

01	GRAY	1,811	0.27	-0.97
06	MATAGORDA	3,087	0.27	-0.95
01	LUBBOCK	23,215	0.27	-0.94
05	SAN AUGUSTINE	760	0.28	-0.92
09	WARD	1,154	0.28	-0.89
08	GILLESPIE	848	0.28	-0.86
07	WILLIAMSON	7,056	0.28	-0.86
07	LEE	720	0.28	-0.85
07	BASTROP	3,689	0.28	-0.82
09	REEVES	1,792	0.28	-0.82

01	HUTCHINSON	1,749	0.28	-0.80
01	DONLEY	297	0.29	-0.78
05	TYLER	1,365	0.29	-0.77
01	LYNN	783	0.29	-0.75
02	SCURRY	1,566	0.29	-0.74
07	GRIMES	1,432	0.29	-0.72
01	GARZA	617	0.29	-0.71
09	DAWSON	1,672	0.29	-0.69
02	RUNNELS	939	0.29	-0.68
02	WICHITA	9,095	0.29	-0.68
04	PANOLA	1,602	0.29	-0.67
01	FLOYD	1,218	0.29	-0.67
03	ROCKWALL	1,137	0.30	-0.66
07	BURNET	1,941	0.30	-0.66
01	COCHRAN	443	0.30	-0.63
03	COOKE	1,827	0.30	-0.61
05	TRINITY	1,179	0.30	-0.60
07	HAMILTON	515	0.30	-0.60
07	CORYELL	2,663	0.30	-0.58
07	BELL	14,370	0.30	-0.57
07	BURLESON	1,160	0.31	-0.54
01	DEAF SMITH	2,822	0.31	-0.53
01	TERRY	1,863	0.31	-0.53
01	CARSON	215	0.31	-0.52
04	DELTA	420	0.31	-0.52
03	KAUFMAN	4,278	0.31	-0.52
03	FANNIN	1,649	0.31	-0.51
09	HOWARD	3,078	0.31	-0.50
06	MONTGOMERY	13,792	0.31	-0.49
09	MIDLAND	9,351	0.31	-0.49
01	LAMB	1,809	0.31	-0.48
01	PARMER	641	0.31	-0.48
06	AUSTIN	1,008	0.31	-0.45
01	HALL	457	0.31	-0.45
07	BRAZOS	7,857	0.31	-0.44
06	GALVESTON	16,044	0.31	-0.43
09	CROCKETT	396	0.32	-0.41
07	BOSQUE	984	0.32	-0.41
05	HARDIN	2,767	0.32	-0.41
04	ANDERSON	3,516	0.32	-0.40
04	RUSK	3,174	0.32	-0.39
09	CRANE	302	0.32	-0.38
05	NACOGDOCHES	4,803	0.32	-0.38
04	GREGG	9,449	0.32	-0.37
03	PARKER	3,269	0.32	-0.37
07	LEON	838	0.32	-0.35
09	ECTOR	14,453	0.32	-0.34
04	HENDERSON	4,804	0.32	-0.33
03	NAVARRO	4,042	0.32	-0.33
05	HOUSTON	2,046	0.32	-0.32
01	WHEELER	427	0.32	-0.32
09	MASON	169	0.33	-0.29
08	GUADALUPE	6,136	0.33	-0.27
03	SOMERVELL	321	0.33	-0.27
07	FAYETTE	1,085	0.33	-0.27

04	RAINS	587	0.33	-0.25
01	RANDALL	2,326	0.33	-0.23
02	MONTAGUE	1,187	0.33	-0.22
11	LIVE OAK	824	0.33	-0.22
07	LAMPASAS	1,321	0.33	-0.21
04	VAN ZANDT	2,455	0.33	-0.20
01	POTTER	14,642	0.33	-0.20
08	KERR	2,836	0.33	-0.20
02	ARCHER	276	0.33	-0.19
09	UPTON	243	0.33	-0.19
02	STEPHENS	850	0.34	-0.17
07	LLANO	578	0.34	-0.16
08	VICTORIA	6,991	0.34	-0.16
03	GRAYSON	6,183	0.34	-0.15
06	WALLER	2,733	0.34	-0.13
07	MADISON	952	0.34	-0.13
03	HOOD	1,784	0.34	-0.11
07	WASHINGTON	1,738	0.34	-0.09
05	ANGELINA	6,430	0.34	-0.09
06	WALKER	2,668	0.34	-0.05
01	SWISHER	876	0.35	-0.01
04	HARRISON	4,461	0.35	0.01
10	JEFF DAVIS	154	0.35	0.02
01	LIPSCOMB	134	0.35	0.02
02	NOLAN	1,736	0.35	0.03
03	TARRANT	71,739	0.35	0.04
03	DALLAS	128,193	0.35	0.04
06	CHAMBERS	1,369	0.35	0.05
06	BRAZORIA	12,588	0.35	0.05
07	ROBERTSON	1,672	0.35	0.06
07	TRAVIS	38,219	0.35	0.07
01	OCHILTREE	739	0.36	0.09
08	ATASCOSA	4,877	0.36	0.10
02	CLAY	403	0.36	0.11
07	HAYS	4,221	0.36	0.15
05	POLK	3,393	0.36	0.16
01	HANSFORD	290	0.36	0.17
04	WOOD	2,033	0.36	0.17
02	MITCHELL	708	0.36	0.18
04	CHEROKEE	4,037	0.36	0.18
08	MEDINA	3,446	0.36	0.19
08	KENDALL	822	0.36	0.20
05	ORANGE	7,164	0.37	0.21
02	TAYLOR	10,238	0.37	0.23
09	TOM GREEN	9,019	0.37	0.23
04	CAMP	1,062	0.37	0.24
04	MARION	1,104	0.37	0.25
01	YOAKUM	737	0.37	0.25
08	GONZALES	2,183	0.37	0.25
01	CHILDRESS	719	0.37	0.26
09	CONCHO	162	0.37	0.27
08	REAL	421	0.37	0.27
09	MARTIN	472	0.37	0.30
03	ERATH	1,904	0.37	0.31
02	COLEMAN	973	0.37	0.32

04	SMITH	11,477	0.37	0.32
02	COTTLE	210	0.38	0.34
01	COLLINGSWORTH	308	0.38	0.35
02	EASTLAND	1,560	0.38	0.35
07	CALDWELL	2,888	0.38	0.39
07	MILAM	2,022	0.38	0.40
08	COMAL	3,164	0.38	0.41
07	FREESTONE	1,143	0.38	0.42
08	KINNEY	384	0.38	0.42
01	BAILEY	947	0.38	0.43
08	LAVACA	928	0.38	0.43
02	BAYLOR	317	0.38	0.45
07	BLANCO	187	0.39	0.45
09	MENARD	230	0.39	0.48
06	LIBERTY	5,901	0.39	0.48
07	LIMESTONE	2,006	0.39	0.50
11	WEBB	35,810	0.39	0.50
11	BEE	3,268	0.39	0.51
10	HUDSPETH	552	0.39	0.53
05	JEFFERSON	23,628	0.39	0.55
08	UVALDE	4,123	0.39	0.55
02	HARDEMAN	301	0.40	0.58
04	MORRIS	1,095	0.40	0.58
08	DEWITT	1,762	0.40	0.58
08	WILSON	2,300	0.40	0.58
04	UPSHUR	2,396	0.40	0.59
11	REFUGIO	800	0.40	0.59
02	JONES	1,422	0.40	0.66
08	ZAVALA	2,755	0.40	0.69
04	TITUS	2,386	0.41	0.72
04	CASS	2,668	0.41	0.74
05	SAN JACINTO	1,710	0.41	0.76
09	SCHLEICHER	233	0.41	0.79
09	MCCULLOCH	807	0.41	0.81
06	WHARTON	2,746	0.41	0.81
11	DUVAL	2,279	0.41	0.82
09	COKE	189	0.42	0.86
02	CALLAHAN	971	0.42	0.86
02	COMANCHE	1,222	0.42	0.86
06	FORT BEND	10,402	0.42	0.89
09	KIMBLE	345	0.42	0.93
08	BANDERA	1,049	0.42	0.93
06	COLORADO	1,322	0.43	0.99
08	GOLIAD	573	0.43	1.05
02	HASKELL	566	0.44	1.11
02	KNOX	472	0.44	1.14
04	BOWIE	7,306	0.44	1.18
08	LASALLE	990	0.45	1.24
08	JACKSON	962	0.45	1.25
07	SAN SABA	490	0.45	1.30
02	FISHER	267	0.45	1.30
06	HARRIS	225,623	0.46	1.34
11	KLEBERG	4,324	0.46	1.35
11	JIM HOGG	856	0.46	1.37
11	SAN PATRICIO	7,719	0.46	1.39

11	JIM WELLS	6,240	0.46	1.40
10	EL PASO	95,971	0.46	1.41
08	CALHOUN	2,079	0.46	1.44
08	BEXAR	127,622	0.47	1.45
02	BROWN	3,528	0.47	1.50
11	NUECES	33,024	0.47	1.52
08	VAL VERDE	6,167	0.48	1.59
09	SUTTON	346	0.49	1.70
08	EDWARDS	281	0.49	1.73
07	FALLS	1,610	0.49	1.79
08	MAVERICK	9,606	0.49	1.81
11	BROOKS	1,664	0.50	1.88
02	FOARD	115	0.50	1.94
08	FRIO	2,411	0.52	2.08
08	DIMMIT	2,151	0.52	2.09
02	SHACKELFORD	207	0.54	2.33
11	CAMERON	64,498	0.54	2.40
11	HIDALGO	116,314	0.54	2.41
11	ARANSAS	2,198	0.54	2.43
11	WILLACY	4,283	0.55	2.45
07	MILLS	459	0.56	2.63
11	ZAPATA	2,191	0.58	2.90
11	STARR	14,014	0.62	3.38

Counties with less than 100 eligibles

01	KING	0	0.00	N/A*
09	LOVING	0	0.00	N/A*
01	ARMSTRONG	88	0.52	2.17
01	BRISCOE	94	0.30	-0.63
01	HARTLEY	63	0.40	0.60
01	MOTLEY	60	0.32	-0.40
01	ROBERTS	17	0.29	-0.68
02	KENT	11	0.09	-3.21
02	STONEWALL	93	0.34	-0.06
02	THROCKMORTON	73	0.29	-0.76
09	BORDEN	2	0.00	-4.34
09	GLASSCOCK	25	0.44	1.14
09	IRION	85	0.53	2.25
09	STERLING	59	0.42	0.93
09	TERRELL	62	0.50	1.88
11	KENEDY	15	0.33	-0.19
11	MCMULLEN	32	0.16	-2.40

*N/A indicates score cannot be calculated because the denominator is zero.

Note: Counties with participation rates more than one (1) standard deviation below the calculated statewide mean (shown with asterisks) were selected for corrective action.

Note: Counties with fewer than 100 eligibles were not selected for corrective action regardless of the county's participation rate, and the participation rates for these counties were not included in the state mean participation rate.

Note: The state mean participation rate does not equal to the THSteps participation rate for Texas.

<i>Column1</i>	
Mean	0.348753243
Standard Error	0.005216037
Median	0.338090011
Mode	0.333333333
Standard Deviation	0.080299864
Sample Variance	0.006448068
Kurtosis	0.477126275
Skewness	0.551233095
Range	0.479443497
Minimum	0.141078838
Maximum	0.620522335
Sum	82.65451871
Count	237
Confidence Level(95.0%)	0.010275934

Appendix A: Participation Rates

Public Health Region 1

<i>County</i>	<i>Number of eligibles</i>	<i>SFY 99</i>	<i>Participation Rates</i>	
			<i>SFY 00</i>	<i>Percent Change</i>

ARMSTRONG	88	0.22	0.52	1.41
BAILEY	947	0.34	0.38	0.11
BRISCOE	94	0.62	0.30	-0.51
CARSON	215	0.22	0.31	0.42
CASTRO	1,214	0.28	0.25	-0.11
CHILDRESS	719	0.38	0.37	-0.02
COCHRAN	443	0.34	0.30	-0.13
COLLINGSWORTH	308	0.49	0.38	-0.22
CROSBY	1,303	0.31	0.26	-0.16
DALLAM	597	0.25	0.24	-0.04
DEAF SMITH	2,822	0.30	0.31	0.04
DICKENS	160	0.32	0.24	-0.25
DONLEY	297	0.27	0.29	0.08
FLOYD	1,218	0.30	0.29	-0.04
GARZA	617	0.34	0.29	-0.16
GRAY	1,811	0.28	0.27	-0.02
HALE	4,840	0.30	0.27	-0.10
HALL	457	0.32	0.31	-0.04
HANSFORD	290	0.35	0.36	0.02
HARTLEY	63	0.21	0.40	0.94
HEMPHILL	109	0.29	0.22	-0.25
HOCKLEY	2,621	0.35	0.26	-0.25
HUTCHINSON	1,749	0.24	0.28	0.17
KING	0	0.00	0.00	NA
LAMB	1,809	0.34	0.31	-0.08
LIPSCOMB	134	0.25	0.35	0.42
LUBBOCK	23,215	0.31	0.27	-0.12
LYNN	783	0.32	0.29	-0.09
MOORE	1,547	0.29	0.27	-0.07
MOTLEY	60	0.28	0.32	0.13
OCHILTREE	739	0.32	0.36	0.14
OLDHAM	402	0.15	0.19	0.29
PARMER	641	0.31	0.31	0.00
POTTER	14,642	0.33	0.33	-0.01
RANDALL	2,326	0.45	0.33	-0.26
ROBERTS	17	0.35	0.29	-0.18
SHERMAN	113	0.27	0.18	-0.34
SWISHER	876	0.31	0.35	0.13
TERRY	1,863	0.36	0.31	-0.14
WHEELER	427	0.23	0.32	0.38
YOAKUM	737	0.39	0.37	-0.06
REGION 1	73,313	0.31	0.30	-0.06

Public Health Region 2

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
ARCHER	276	0.40	0.33	-0.18
BAYLOR	317	0.40	0.38	-0.05
BROWN	3,528	0.47	0.47	0.00
CALLAHAN	971	0.38	0.42	0.11
CLAY	403	0.43	0.36	-0.17
COLEMAN	973	0.33	0.37	0.12
COMANCHE	1,222	0.44	0.42	-0.04
COTTLE	210	0.46	0.38	-0.18
EASTLAND	1,560	0.42	0.38	-0.10
FISHER	267	0.47	0.45	-0.04
FOARD	115	0.43	0.50	0.17
HARDEMAN	301	0.52	0.40	-0.23
HASKELL	566	0.55	0.44	-0.20
JACK	503	0.33	0.23	-0.29
JONES	1,422	0.49	0.40	-0.18
KENT	11	0.27	0.09	-0.67
KNOX	472	0.46	0.44	-0.05
MITCHELL	708	0.39	0.36	-0.07
MONTAGUE	1,187	0.39	0.33	-0.15
NOLAN	1,736	0.41	0.35	-0.15
RUNNELS	939	0.33	0.29	-0.11
SCURRY	1,566	0.29	0.29	0.00
SHACKELFORD	207	0.46	0.54	0.18
STEPHENS	850	0.39	0.34	-0.13
STONEWALL	93	0.52	0.34	-0.34
TAYLOR	10,238	0.40	0.37	-0.08
THROCKMORTON	73	0.47	0.29	-0.38
WICHITA	9,095	0.37	0.29	-0.21
WILBARGER	1,398	0.30	0.24	-0.21
YOUNG	1,464	0.38	0.23	-0.40
REGION 2	42,671	0.39	0.35	-0.10

Public Health Region 3

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
COLLIN	6,855	0.23	0.25	0.08
COOKE	1,827	0.35	0.30	-0.14
DALLAS	128,193	0.33	0.35	0.06
DENTON	7,939	0.29	0.26	-0.09
ELLIS	6,032	0.24	0.27	0.14
ERATH	1,904	0.44	0.37	-0.16
FANNIN	1,649	0.29	0.31	0.06
GRAYSON	6,183	0.34	0.34	0.01
HOOD	1,784	0.35	0.34	-0.04
HUNT	5,470	0.26	0.25	-0.05
JOHNSON	7,067	0.28	0.27	-0.04
KAUFMAN	4,278	0.30	0.31	0.04
NAVARRO	4,042	0.37	0.32	-0.13
PALO PINTO	1,871	0.30	0.25	-0.17
PARKER	3,269	0.30	0.32	0.06
ROCKWALL	1,137	0.26	0.30	0.16
SOMERVELL	321	0.41	0.33	-0.20
TARRANT	71,739	0.33	0.35	0.07
WISE	2,080	0.26	0.23	-0.11
REGION 3	263,640	0.33	0.34	0.03

Public Health Region 4

<i>County</i>	<i>Number of eligibles</i>	<i>SFY 99</i>	<i>Participation Rates</i>		<i>Percent Change</i>
			<i>SFY 00</i>		
ANDERSON	3,516	0.33	0.32		-0.04
BOWIE	7,306	0.48	0.44		-0.08
CAMP	1,062	0.36	0.37		0.03
CASS	2,668	0.42	0.41		-0.02
CHEROKEE	4,037	0.34	0.36		0.07
DELTA	420	0.31	0.31		-0.01
FRANKLIN	442	0.32	0.26		-0.18
GREGG	9,449	0.31	0.32		0.03
HARRISON	4,461	0.30	0.35		0.16
HENDERSON	4,804	0.28	0.32		0.13
HOPKINS	1,886	0.27	0.23		-0.13
LAMAR	4,436	0.26	0.25		-0.05
MARION	1,104	0.35	0.37		0.06
MORRIS	1,095	0.43	0.40		-0.07
PANOLA	1,602	0.26	0.29		0.14
RAINS	587	0.30	0.33		0.11
RED RIVER	1,170	0.30	0.26		-0.12
RUSK	3,174	0.31	0.32		0.05
SMITH	11,477	0.36	0.37		0.02
TITUS	2,386	0.41	0.41		0.00
UPSHUR	2,396	0.38	0.40		0.06
VAN ZANDT	2,455	0.35	0.33		-0.06
WOOD	2,033	0.34	0.36		0.05
REGION 4	73,966	0.35	0.35		0.00

Public Health Region 5

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
ANGELINA	6,430	0.35	0.34	-0.03
HARDIN	2,767	0.33	0.32	-0.02
HOUSTON	2,046	0.39	0.32	-0.17
JASPER	3,067	0.28	0.25	-0.11
JEFFERSON	23,628	0.37	0.39	0.07
NACOGDOCHES	4,803	0.35	0.32	-0.09
NEWTON	1,370	0.26	0.26	0.02
ORANGE	7,164	0.36	0.37	0.02
POLK	3,393	0.37	0.36	-0.03
SABINE	761	0.29	0.25	-0.12
SAN AUGUSTINE	760	0.41	0.28	-0.31
SAN JACINTO	1,710	0.40	0.41	0.02
SHELBY	2,286	0.23	0.25	0.10
TRINITY	1,179	0.38	0.30	-0.20
TYLER	1,365	0.32	0.29	-0.09
REGION 5	62,729	0.35	0.35	0.00

Public Health Region 6

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
AUSTIN	1,008	0.37	0.31	-0.17
BRAZORIA	12,588	0.36	0.35	-0.02
CHAMBERS	1,369	0.31	0.35	0.11
COLORADO	1,322	0.45	0.43	-0.05
FORT BEND	10,402	0.38	0.42	0.10
GALVESTON	16,044	0.29	0.31	0.06
HARRIS	225,623	0.45	0.46	0.03
LIBERTY	5,901	0.36	0.39	0.09
MATAGORDA	3,087	0.30	0.27	-0.11
MONTGOMERY	13,792	0.30	0.31	0.04
WALKER	2,668	0.38	0.34	-0.10
WALLER	2,733	0.32	0.34	0.06
WHARTON	2,746	0.46	0.41	-0.12
REGION 6	299,283	0.42	0.43	0.02

Public Health Region 7

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
BASTROP	3,689	0.30	0.28	-0.06
BELL	14,370	0.34	0.30	-0.13
BLANCO	187	0.26	0.39	0.52
BOSQUE	984	0.30	0.32	0.05
BRAZOS	7,857	0.29	0.31	0.05
BURLESON	1,160	0.28	0.31	0.09
BURNET	1,941	0.32	0.30	-0.06
CALDWELL	2,888	0.41	0.38	-0.08
CORYELL	2,663	0.33	0.30	-0.10
FALLS	1,610	0.46	0.49	0.06
FAYETTE	1,085	0.37	0.33	-0.10
FREESTONE	1,143	0.35	0.38	0.10
GRIMES	1,432	0.29	0.29	0.00
HAMILTON	515	0.32	0.30	-0.07
HAYS	4,221	0.38	0.36	-0.04
HILL	2,202	0.31	0.27	-0.12
LAMPASAS	1,321	0.30	0.33	0.09
LEE	720	0.32	0.28	-0.13
LEON	838	0.41	0.32	-0.22
LIMESTONE	2,006	0.45	0.39	-0.14
LLANO	578	0.25	0.34	0.34
MADISON	952	0.41	0.34	-0.16
MCLENNAN	16,138	0.28	0.26	-0.09
MILAM	2,022	0.40	0.38	-0.05
MILLS	459	0.52	0.56	0.08
ROBERTSON	1,672	0.33	0.35	0.05
SAN SABA	490	0.47	0.45	-0.03
TRAVIS	38,219	0.37	0.35	-0.05
WASHINGTON	1,738	0.29	0.34	0.16
WILLIAMSON	7,056	0.26	0.28	0.08
REGION 7	122,156	0.33	0.33	0.00

Public Health Region 8

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		<i>Percent Change</i>
		<i>SFY 99</i>	<i>SFY 00</i>	
ATASCOSA	4,877	0.37	0.36	-0.02
BANDERA	1,049	0.40	0.42	0.05
BEXAR	127,622	0.48	0.47	-0.02
CALHOUN	2,079	0.39	0.46	0.19
COMAL	3,164	0.42	0.38	-0.09
DEWITT	1,762	0.33	0.40	0.21
DIMMIT	2,151	0.54	0.52	-0.04
EDWARDS	281	0.60	0.49	-0.19
FRIO	2,411	0.55	0.52	-0.05
GILLESPIE	848	0.28	0.28	-0.01
GOLIAD	573	0.47	0.43	-0.08
GONZALES	2,183	0.38	0.37	-0.03
GUADALUPE	6,136	0.35	0.33	-0.06
JACKSON	962	0.46	0.45	-0.03
KARNES	1,332	0.41	0.25	-0.39
KENDALL	822	0.51	0.36	-0.29
KERR	2,836	0.39	0.33	-0.16
KINNEY	384	0.49	0.38	-0.23
LASALLE	990	0.48	0.45	-0.05
LAVACA	928	0.34	0.38	0.10
MAVERICK	9,606	0.49	0.49	0.00
MEDINA	3,446	0.37	0.36	-0.03
REAL	421	0.46	0.37	-0.20
UVALDE	4,123	0.39	0.39	0.01
VAL VERDE	6,167	0.52	0.48	-0.07
VICTORIA	6,991	0.34	0.34	0.00
WILSON	2,300	0.40	0.40	-0.01
ZAVALA	2,755	0.47	0.40	-0.15
REGION 8	199,199	0.45	0.44	-0.02

Public Health Region 9

<i>County</i>	<i>Number of eligibles</i>	<i>Participation Rates</i>		
		<i>SFY 99</i>	<i>SFY 00</i>	<i>Percent Change</i>
ANDREWS	1,216	0.28	0.25	-0.12
BORDEN	2	1.00	0.00	-1.00
COKE	189	0.29	0.42	0.44
CONCHO	162	0.29	0.37	0.28
CRANE	302	0.25	0.32	0.27
CROCKETT	396	0.41	0.32	-0.22
DAWSON	1,672	0.30	0.29	-0.05
ECTOR	14,453	0.32	0.32	0.01
GAINES	1,398	0.24	0.26	0.08
GLASSCOCK	25	0.48	0.44	-0.08
HOWARD	3,078	0.29	0.31	0.07
IRION	85	0.49	0.53	0.07
KIMBLE	345	0.47	0.42	-0.10
LOVING	0	0.00	0.00	NA
MARTIN	472	0.30	0.37	0.22
MASON	169	0.40	0.33	-0.17
MCCULLOCH	807	0.49	0.41	-0.16
MENARD	230	0.37	0.39	0.07
MIDLAND	9,351	0.30	0.31	0.04
PECOS	1,538	0.30	0.23	-0.25
REAGAN	337	0.34	0.26	-0.24
REEVES	1,792	0.30	0.28	-0.07
SCHLEICHER	233	0.60	0.41	-0.32
STERLING	59	0.41	0.42	0.03
SUTTON	346	0.51	0.49	-0.05
TERRELL	62	0.48	0.50	0.03
TOM GREEN	9,019	0.38	0.37	-0.02
UPTON	243	0.30	0.33	0.11
WARD	1,154	0.29	0.28	-0.02
WINKLER	772	0.32	0.21	-0.34
REGION 9	49,907	0.33	0.32	-0.03

Public Health Region 10

<i>County</i>	<i>Number of eligibles</i>	<i>SFY 99</i>	<i>Participation Rates</i>	
			<i>SFY 00</i>	<i>Percent Change</i>
BREWSTER	723	0.23	0.14	-0.40
CULBERSON	509	0.19	0.17	-0.13
EL PASO	95,971	0.46	0.46	-0.01
HUDSPETH	552	0.32	0.39	0.22
JEFF DAVIS	154	0.23	0.35	0.50
PRESIDIO	1,189	0.26	0.23	-0.10
REGION 10	99,098	0.45	0.45	0.00

Public Health Region 11

<i>County</i>	<i>Number of eligibles</i>	<i>SFY 99</i>	<i>Participation Rates</i>	
			<i>SFY 00</i>	<i>Percent Change</i>
ARANSAS	2,198	0.62	0.54	-0.13
BEE	3,268	0.37	0.39	0.06
BROOKS	1,664	0.55	0.50	-0.09
CAMERON	64,498	0.53	0.54	0.01
DUVAL	2,279	0.46	0.41	-0.11
HIDALGO	116,314	0.52	0.54	0.03
JIM HOGG	856	0.48	0.46	-0.05
JIM WELLS	6,240	0.45	0.46	0.03
KENEDY	15	0.00	0.33	NA
KLEBERG	4,324	0.45	0.46	0.03
LIVE OAK	824	0.41	0.33	-0.20
MCMULLEN	32	0.44	0.16	-0.63
NUECES	33,024	0.46	0.47	0.02
REFUGIO	800	0.50	0.40	-0.19
SAN PATRICIO	7,719	0.47	0.46	-0.03
STARR	14,014	0.63	0.62	-0.02
WEBB	35,810	0.42	0.39	-0.08
WILLACY	4,283	0.56	0.55	-0.02
ZAPATA	2,191	0.58	0.58	0.00
REGION 11	300,353	0.51	0.51	0.00
TEXAS	1,586,315	0.41	0.41	0.00

***Appendix B:
Exam Utilization Rates***

Public Health Region 1

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ARMSTRONG	88	42	47.7	35	39.8	7	8.0
BAILEY	947	340	35.9	298	31.5	42	4.4
BRISCOE	94	27	28.7	24	25.5	3	3.2
CARSON	215	57	26.5	49	22.8	8	3.7
CASTRO	1,214	268	22.1	226	18.6	42	3.5
CHILDRESS	719	258	35.9	208	28.9	50	7.0
COCHRAN	443	109	24.6	86	19.4	23	5.2
COLLINGSWORTH	308	111	36.0	83	26.9	28	9.1
CROSBY	1,303	316	24.3	264	20.3	52	4.0
DALLAM	597	44	7.4	37	6.2	7	1.2
DEAF SMITH	2,822	799	28.3	682	24.2	117	4.1
DICKENS	160	35	21.9	31	19.4	4	2.5
DONLEY	297	73	24.6	59	19.9	14	4.7
FLOYD	1,218	317	26.0	277	22.7	40	3.3
GARZA	617	173	28.0	142	23.0	31	5.0
GRAY	1,811	453	25.0	378	20.9	75	4.1
HALE	4,840	1,171	24.2	986	20.4	185	3.8
HALL	457	140	30.6	126	27.6	14	3.1
HANSFORD	290	76	26.2	59	20.3	17	5.9
HARTLEY	63	16	25.4	14	22.2	2	3.2
HEMPHILL	109	23	21.1	18	16.5	5	4.6
HOCKLEY	2,621	610	23.3	543	20.7	67	2.6
HUTCHINSON	1,749	430	24.6	331	18.9	99	5.7
KING	0	0	0.0	0	0.0	0	0.0
LAMB	1,809	512	28.3	407	22.5	105	5.8
LIPSCOMB	134	39	29.1	31	23.1	8	6.0
LUBBOCK	23,215	5,860	25.2	5,078	21.9	782	3.4
LYNN	783	213	27.2	177	22.6	36	4.6
MOORE	1,547	120	7.8	104	6.7	16	1.0
MOTLEY	60	17	28.3	17	28.3	0	0.0
OCHILTREE	739	212	28.7	171	23.1	41	5.5
OLDHAM	402	70	17.4	56	13.9	14	3.5
PARMER	641	181	28.2	160	25.0	21	3.3
POTTER	14,642	4,543	31.0	3,638	24.8	905	6.2
RANDALL	2,326	727	31.3	563	24.2	164	7.1
ROBERTS	17	5	29.4	5	29.4	0	0.0
SHERMAN	113	6	5.3	4	3.5	2	1.8
SWISHER	876	284	32.4	237	27.1	47	5.4
TERRY	1,863	544	29.2	475	25.5	69	3.7
WHEELER	427	124	29.0	97	22.7	27	6.3
YOAKUM	737	249	33.8	212	28.8	37	5.0
REGION 1	73,313	19,594	26.7	16,388	22.4	3,206	4.4

Public Health Region 2

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ARCHER	276	85	30.8	72	26.1	13	4.7
BAYLOR	317	116	36.6	97	30.6	19	6.0
BROWN	3,528	1,583	44.9	1,180	33.4	403	11.4
CALLAHAN	971	379	39.0	273	28.1	106	10.9
CLAY	403	134	33.3	99	24.6	35	8.7
COLEMAN	973	355	36.5	281	28.9	74	7.6
COMANCHE	1,222	467	38.2	370	30.3	97	7.9
COTTLE	210	75	35.7	54	25.7	21	10.0
EASTLAND	1,560	564	36.2	433	27.8	131	8.4
FISHER	267	115	43.1	98	36.7	17	6.4
FOARD	115	52	45.2	45	39.1	7	6.1
HARDEMAN	301	106	35.2	93	30.9	13	4.3
HASKELL	566	225	39.8	160	28.3	65	11.5
JACK	503	95	18.9	82	16.3	13	2.6
JONES	1,422	512	36.0	407	28.6	105	7.4
KENT	11	0	0.0	0	0.0	0	0.0
KNOX	472	180	38.1	142	30.1	38	8.1
MITCHELL	708	246	34.7	200	28.2	46	6.5
MONTAGUE	1,187	252	21.2	207	17.4	45	3.8
NOLAN	1,736	588	33.9	452	26.0	136	7.8
RUNNELS	939	262	27.9	226	24.1	36	3.8
SCURRY	1,566	435	27.8	360	23.0	75	4.8
SHACKELFORD	207	100	48.3	85	41.1	15	7.2
STEPHENS	850	260	30.6	209	24.6	51	6.0
STONEWALL	93	27	29.0	19	20.4	8	8.6
TAYLOR	10,238	3,570	34.9	2,926	28.6	644	6.3
THROCKMORTON	73	18	24.7	15	20.5	3	4.1
WICHITA	9,095	2,524	27.8	2,044	22.5	480	5.3
WILBARGER	1,398	306	21.9	253	18.1	53	3.8
YOUNG	1,464	296	20.2	255	17.4	41	2.8
REGION 2	42,671	13,927	32.6	11,137	26.1	2,790	6.5

Public Health Region 3

<i>County</i>	<i>Number of eligibles</i>	<i>Eligibles Receiving Exams</i>					
		<i>Any Exam</i>	<i>%</i>	<i>Only One</i>	<i>%</i>	<i>More than One</i>	<i>%</i>
COLLIN	6,855	1,581	23.1	1,288	18.8	293	4.3
COOKE	1,827	506	27.7	417	22.8	89	4.9
DALLAS	128,193	42,858	33.4	33,628	26.2	9,230	7.2
DENTON	7,939	1,954	24.6	1,627	20.5	327	4.1
ELLIS	6,032	1,539	25.5	1,241	20.6	298	4.9
ERATH	1,904	673	35.3	573	30.1	100	5.3
FANNIN	1,649	485	29.4	424	25.7	61	3.7
GRAYSON	6,183	1,945	31.5	1,631	26.4	314	5.1
HOOD	1,784	577	32.3	426	23.9	151	8.5
HUNT	5,470	1,300	23.8	1,111	20.3	189	3.5
JOHNSON	7,067	1,800	25.5	1,450	20.5	350	5.0
KAUFMAN	4,278	1,229	28.7	1,024	23.9	205	4.8
NAVARRO	4,042	1,249	30.9	1,046	25.9	203	5.0
PALO PINTO	1,871	435	23.2	332	17.7	103	5.5
PARKER	3,269	992	30.3	778	23.8	214	6.5
ROCKWALL	1,137	300	26.4	225	19.8	75	6.6
SOMERVELL	321	98	30.5	84	26.2	14	4.4
TARRANT	71,739	23,819	33.2	18,542	25.8	5,277	7.4
WISE	2,080	400	19.2	335	16.1	65	3.1
REGION 3	263,640	83,740	31.8	66,182	25.1	17,558	6.7

Public Health Region 4

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ANDERSON	3,516	1,026	29.2	805	22.9	221	6.3
BOWIE	7,306	3,124	42.8	1,758	24.1	1,366	18.7
CAMP	1,062	360	33.9	297	28.0	63	5.9
CASS	2,668	1,020	38.2	819	30.7	201	7.5
CHEROKEE	4,037	1,354	33.5	1,012	25.1	342	8.5
DELTA	420	123	29.3	91	21.7	32	7.6
FRANKLIN	442	100	22.6	86	19.5	14	3.2
GREGG	9,449	2,724	28.8	2,273	24.1	451	4.8
HARRISON	4,461	1,396	31.3	1,241	27.8	155	3.5
HENDERSON	4,804	1,439	30.0	1,097	22.8	342	7.1
HOPKINS	1,886	386	20.5	301	16.0	85	4.5
LAMAR	4,436	1,019	23.0	847	19.1	172	3.9
MARION	1,104	367	33.2	319	28.9	48	4.3
MORRIS	1,095	381	34.8	301	27.5	80	7.3
PANOLA	1,602	425	26.5	350	21.8	75	4.7
RAINS	587	178	30.3	138	23.5	40	6.8
RED RIVER	1,170	288	24.6	237	20.3	51	4.4
RUSK	3,174	908	28.6	767	24.2	141	4.4
SMITH	11,477	4,037	35.2	3,048	26.6	989	8.6
TITUS	2,386	848	35.5	702	29.4	146	6.1
UPSHUR	2,396	881	36.8	716	29.9	165	6.9
VAN ZANDT	2,455	677	27.6	508	20.7	169	6.9
WOOD	2,033	695	34.2	544	26.8	151	7.4
REGION 4	73,966	23,756	32.1	18,257	24.7	5,499	7.4

Public Health Region 5

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ANGELINA	6,430	2,085	32.4	1,776	27.6	309	4.8
HARDIN	2,767	775	28.0	670	24.2	105	3.8
HOUSTON	2,046	604	29.5	538	26.3	66	3.2
JASPER	3,067	652	21.3	547	17.8	105	3.4
JEFFERSON	23,628	8,682	36.7	6,950	29.4	1,732	7.3
NACOGDOCHES	4,803	1,311	27.3	1,096	22.8	215	4.5
NEWTON	1,370	310	22.6	260	19.0	50	3.6
ORANGE	7,164	2,209	30.8	1,742	24.3	467	6.5
POLK	3,393	1,187	35.0	986	29.1	201	5.9
SABINE	761	162	21.3	138	18.1	24	3.2
SAN AUGUSTINE	760	192	25.3	157	20.7	35	4.6
SAN JACINTO	1,710	656	38.4	516	30.2	140	8.2
SHELBY	2,286	503	22.0	409	17.9	94	4.1
TRINITY	1,179	336	28.5	285	24.2	51	4.3
TYLER	1,365	345	25.3	296	21.7	49	3.6
REGION 5	62,729	20,009	31.9	16,366	26.1	3,643	5.8

Public Health Region 6

<i>County</i>	<i>Number of eligibles</i>	<i>Eligibles Receiving Exams</i>					
		<i>Any Exam</i>	<i>%</i>	<i>Only One</i>	<i>%</i>	<i>More than One</i>	<i>%</i>
AUSTIN	1,008	300	29.8	232	23.0	68	6.7
BRAZORIA	12,588	4,044	32.1	3,166	25.2	878	7.0
CHAMBERS	1,369	442	32.3	365	26.7	77	5.6
COLORADO	1,322	492	37.2	381	28.8	111	8.4
FORT BEND	10,402	4,188	40.3	3,106	29.9	1,082	10.4
GALVESTON	16,044	4,784	29.8	3,761	23.4	1,023	6.4
HARRIS	225,623	98,462	43.6	69,984	31.0	28,478	12.6
LIBERTY	5,901	2,172	36.8	1,679	28.5	493	8.4
MATAGORDA	3,087	773	25.0	670	21.7	103	3.3
MONTGOMERY	13,792	3,975	28.8	3,244	23.5	731	5.3
WALKER	2,668	883	33.1	714	26.8	169	6.3
WALLER	2,733	865	31.7	696	25.5	169	6.2
WHARTON	2,746	1,072	39.0	758	27.6	314	11.4
REGION 6	299,283	122,452	40.9	88,756	29.7	33,696	11.3

Public Health Region 7

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
BASTROP	3,689	956	25.9	759	20.6	197	5.3
BELL	14,370	4,069	28.3	3,301	23.0	768	5.3
BLANCO	187	58	31.0	48	25.7	10	5.3
BOSQUE	984	298	30.3	222	22.6	76	7.7
BRAZOS	7,857	2,303	29.3	1,797	22.9	506	6.4
BURLESON	1,160	337	29.1	260	22.4	77	6.6
BURNET	1,941	543	28.0	431	22.2	112	5.8
CALDWELL	2,888	1,016	35.2	771	26.7	245	8.5
CORYELL	2,663	747	28.1	624	23.4	123	4.6
FALLS	1,610	767	47.6	530	32.9	237	14.7
FAYETTE	1,085	335	30.9	266	24.5	69	6.4
FREESTONE	1,143	396	34.6	311	27.2	85	7.4
GRIMES	1,432	377	26.3	311	21.7	66	4.6
HAMILTON	515	148	28.7	125	24.3	23	4.5
HAYS	4,221	1,413	33.5	1,051	24.9	362	8.6
HILL	2,202	554	25.2	458	20.8	96	4.4
LAMPASAS	1,321	406	30.7	308	23.3	98	7.4
LEE	720	187	26.0	144	20.0	43	6.0
LEON	838	251	30.0	216	25.8	35	4.2
LIMESTONE	2,006	620	30.9	449	22.4	171	8.5
LLANO	578	183	31.7	160	27.7	23	4.0
MADISON	952	306	32.1	257	27.0	49	5.1
MCLENNAN	16,138	4,012	24.9	3,297	20.4	715	4.4
MILAM	2,022	723	35.8	579	28.6	144	7.1
MILLS	459	243	52.9	143	31.2	100	21.8
ROBERTSON	1,672	565	33.8	419	25.1	146	8.7
SAN SABA	490	211	43.1	151	30.8	60	12.2
TRAVIS	38,219	12,718	33.3	10,160	26.6	2,558	6.7
WASHINGTON	1,738	564	32.5	448	25.8	116	6.7
WILLIAMSON	7,056	1,816	25.7	1,433	20.3	383	5.4
REGION 7	122,156	37,122	30.4	29,429	24.1	7,693	6.3

Public Health Region 8

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ATASCOSA	4,877	1,561	32.0	1,281	26.3	280	5.7
BANDERA	1,049	393	37.5	309	29.5	84	8.0
BEXAR	127,622	56,700	44.4	40,778	32.0	15,922	12.5
CALHOUN	2,079	885	42.6	734	35.3	151	7.3
COMAL	3,164	1,139	36.0	870	27.5	269	8.5
DEWITT	1,762	644	36.5	488	27.7	156	8.9
DIMMIT	2,151	1,038	48.3	847	39.4	191	8.9
EDWARDS	281	122	43.4	104	37.0	18	6.4
FRIO	2,411	1,171	48.6	811	33.6	360	14.9
GILLESPIE	848	224	26.4	176	20.8	48	5.7
GOLIAD	573	229	40.0	173	30.2	56	9.8
GONZALES	2,183	764	35.0	591	27.1	173	7.9
GUADALUPE	6,136	1,886	30.7	1,516	24.7	370	6.0
JACKSON	962	397	41.3	319	33.2	78	8.1
KARNES	1,332	322	24.2	273	20.5	49	3.7
KENDALL	822	263	32.0	190	23.1	73	8.9
KERR	2,836	846	29.8	654	23.1	192	6.8
KINNEY	384	142	37.0	105	27.3	37	9.6
LASALLE	990	412	41.6	310	31.3	102	10.3
LAVACA	928	324	34.9	272	29.3	52	5.6
MAVERICK	9,606	4,477	46.6	3,530	36.7	947	9.9
MEDINA	3,446	1,192	34.6	911	26.4	281	8.2
REAL	421	142	33.7	131	31.1	11	2.6
UVALDE	4,123	1,531	37.1	1,236	30.0	295	7.2
VAL VERDE	6,167	2,765	44.8	2,260	36.6	505	8.2
VICTORIA	6,991	2,155	30.8	1,803	25.8	352	5.0
WILSON	2,300	880	38.3	656	28.5	224	9.7
ZAVALA	2,755	1,059	38.4	873	31.7	186	6.8
REGION 8	199,199	83,663	42.0	62,201	31.2	21,462	10.8

Public Health Region 9

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ANDREWS	1,216	274	22.5	218	17.9	56	4.6
BORDEN	2	0	0.0	0	0.0	0	0.0
COKE	189	73	38.6	60	31.7	13	6.9
CONCHO	162	55	34.0	45	27.8	10	6.2
CRANE	302	89	29.5	68	22.5	21	7.0
CROCKETT	396	121	30.6	94	23.7	27	6.8
DAWSON	1,672	447	26.7	393	23.5	54	3.2
ECTOR	14,453	4,291	29.7	3,527	24.4	764	5.3
GAINES	1,398	331	23.7	291	20.8	40	2.9
GLASSCOCK	25	8	32.0	6	24.0	2	8.0
HOWARD	3,078	848	27.6	689	22.4	159	5.2
IRION	85	40	47.1	33	38.8	7	8.2
KIMBLE	345	127	36.8	98	28.4	29	8.4
LOVING	0	0	0.0	0	0.0	0	0.0
MARTIN	472	165	35.0	139	29.4	26	5.5
MASON	169	50	29.6	45	26.6	5	3.0
MCCULLOCH	807	322	39.9	262	32.5	60	7.4
MENARD	230	83	36.1	60	26.1	23	10.0
MIDLAND	9,351	2,700	28.9	2,151	23.0	549	5.9
PECOS	1,538	310	20.2	272	17.7	38	2.5
REAGAN	337	84	24.9	68	20.2	16	4.7
REEVES	1,792	488	27.2	417	23.3	71	4.0
SCHLEICHER	233	89	38.2	75	32.2	14	6.0
STERLING	59	20	33.9	19	32.2	1	1.7
SUTTON	346	153	44.2	120	34.7	33	9.5
TERRELL	62	21	33.9	18	29.0	3	4.8
TOM GREEN	9,019	3,083	34.2	2,509	27.8	574	6.4
UPTON	243	73	30.0	59	24.3	14	5.8
WARD	1,154	300	26.0	251	21.8	49	4.2
WINKLER	772	161	20.9	135	17.5	26	3.4
REGION 9	49,907	14,806	29.7	12,122	24.3	2,684	5.4

Public Health Region 10

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
BREWSTER	723	97	13.4	87	12.0	10	1.4
CULBERSON	509	83	16.3	74	14.5	9	1.8
EL PASO	95,971	42,180	44.0	32,524	33.9	9,656	10.1
HUDSPETH	552	207	37.5	145	26.3	62	11.2
JEFF DAVIS	154	53	34.4	35	22.7	18	11.7
PRESIDIO	1,189	253	21.3	223	18.8	30	2.5
REGION 10	99,098	42,873	43.3	33,088	33.4	9,785	9.9

Public Health Region 11

County	Number of eligibles	Eligibles Receiving Exams					
		Any Exam	%	Only One	%	More than One	%
ARANSAS	2,198	1,144	52.0	691	31.4	453	20.6
BEE	3,268	1,181	36.1	927	28.4	254	7.8
BROOKS	1,664	806	48.4	615	37.0	191	11.5
CAMERON	64,498	33,432	51.8	24,392	37.8	9,040	14.0
DUVAL	2,279	863	37.9	714	31.3	149	6.5
HIDALGO	116,314	60,688	52.2	43,328	37.3	17,360	14.9
JIM HOGG	856	351	41.0	266	31.1	85	9.9
JIM WELLS	6,240	2,632	42.2	2,178	34.9	454	7.3
KENEDY	15	5	0.0	5	0.0	0	0.0
KLEBERG	4,324	1,883	43.5	1,387	32.1	496	11.5
LIVE OAK	824	248	30.1	207	25.1	41	5.0
MCMULLEN	32	4	12.5	2	6.3	2	6.3
NUECES	33,024	14,496	43.9	10,701	32.4	3,795	11.5
REFUGIO	800	296	37.0	250	31.3	46	5.8
SAN PATRICIO	7,719	3,137	40.6	2,309	29.9	828	10.7
STARR	14,014	8,449	60.3	6,045	43.1	2,404	17.2
WEBB	35,810	13,078	36.5	11,029	30.8	2,049	5.7
WILLACY	4,283	2,203	51.4	1,698	39.6	505	11.8
ZAPATA	2,191	1,222	55.8	737	33.6	485	22.1
REGION 11	300,353	146,118	48.6	107,481	35.8	38,637	12.9
TEXAS	1,586,315	608,060	38.3	461,407	29.1	146,653	9.2

Notes: The number of eligibles receiving exams is based on dental exam codes D0120, D0140 and D0150. These data are not representative of the number of eligibles who received dental check-ups when periodically due.

These data do not reflect the number of eligibles receiving two dental check-ups in a year because clients entering the program after the middle of the year cannot receive two dental check-ups in that fiscal year.