

# SUMMARY REPORT

## SYNOPSIS OF STATE DENTAL PUBLIC HEALTH PROGRAMS

DATA FOR FY 2005-2006

Association of State and Territorial  
Dental Directors



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## Introduction

This report summarizes the results of the *2007 Synopsis of State Dental Programs* (2007 Synopsis), which represents the status of state oral health program during the 2005-2006 fiscal year. Each January, the Association of State and Territorial Dental Directors (ASTDD) distributes the synopsis questionnaire to the 50 states, District of Columbia, and U.S. territories. The purpose of the questionnaire is to obtain current information from each state/territory on demographic, infrastructure, workforce, and administrative factors that impact the state's oral health program. In addition, each state/territory is asked to provide detailed information on services provided to their constituents. State specific information from the 2007 Synopsis is available to ASTDD members in a comprehensive report posted in the "members only" section of the ASTDD website ([www.astdd.org](http://www.astdd.org)). Selected information is available to anyone on the State Synopsis website, accessible from the ASTDD website homepage. For 2007, no territories completed the survey, so only state and DC data are reported.

**DEMOGRAPHICS**

Each age and income group has unique oral health needs. To plan a comprehensive program that serves all population groups, oral health program staff must understand the demographics of their state. The following tables present information on the number of states by the percent of their overall population that is 65 years or older or 5-17 years of age.

**Seniors – Percent of Population Aged 65 Years and Older (2006 Estimate)**

Percent of Population ≥ 65 Yrs	Number of States	Percent of States
< 5.0%	0	0.0%
5.0 – 9.9%	5	9.8%
10.0 – 14.9%	43	84.3%
15.0 – 19.9%	3	5.9%
≥ 20.0%	0	0.0%

Includes all states and the District of Columbia

Source: [www.census.gov/popest/states/tables/NST-EST2006-01.xls](http://www.census.gov/popest/states/tables/NST-EST2006-01.xls)

**School Aged Children – 5 to 17 Years (2006 Estimate)**

Percent of Population 5-17 Yrs	Number of States	Percent of States
< 5.0%	0	0.0%
5.0 – 9.9%	0	0.0%
10.0 – 14.9%	1	2.0%
15.0 – 19.9%	49	96.1%
> 20.0%	1	2.0%

Includes all states and the District of Columbia

Source: [www.census.gov/popest/states/tables/NST-EST2006-01.xls](http://www.census.gov/popest/states/tables/NST-EST2006-01.xls)

It is well documented that low-income individuals have more oral health problems compared to higher income individuals. The following tables present information by various measures of poverty. Title XIX Medicaid and the Supplemental Children’s Health Insurance Program (SCHIP) provide medical and dental coverage to low-income children.

**Title XIX Medicaid Children (Number enrolled for at least 1 month of the year)**

Number of Children	Number of States	Percent of States
< 100,000	10	19.6%
100,000 – 249,999	10	19.6%
250,000 – 499,999	12	23.5%
500,000 – 749,999	7	13.7%
750,000 – 999,999	4	7.8%
≥ 1,000,000	8	15.7%

Includes all states and the District of Columbia

Source: State Synopsis Questionnaire or 2003 CMS tables if state did not provide information.

**SCHIP Children (Number on SCHIP rolls at least once during year)**

Number of Children	Number of States	Percent of States
< 10,000	7	14.3%
10,000 – 19,999	5	10.2%
20,000 – 39,999	9	18.4%
40,000 – 49,999	3	6.1%
50,000 – 99,999	10	20.4%
100,000 – 499,999	13	26.5%
≥ 500,000	2	4.1%

Includes 48 states and the District of Columbia (Tennessee does not participate in the SCHIP program while the SCHIP program in Ohio is a Medicaid expansion)

Source: State Synopsis Questionnaire or 2005 CMS tables if state did not provide information.

**SCHIP Program Type – FY 2006**

Program Type	Number of States	Percent of States
Combination Program	19	37.3%
Medicaid Expansion	14	27.5%
Separate Program	17	33.3%
Does not Participate	1	2.0%

Includes all states and the District of Columbia

Source: [www.cms.hhs.gov/NationalSCHIPPpolicy/SCHIPER/list.asp#TopOfPage](http://www.cms.hhs.gov/NationalSCHIPPpolicy/SCHIPER/list.asp#TopOfPage) (2005 Enrollment Report)

The National School Lunch Program is a federally assisted meal program operating in public and nonprofit private schools and residential child care institutions. The program provides nutritionally balanced, low-cost (reduced price) or free lunches to children each school day. The program was established in 1946 under the National School Lunch Act. To be eligible for free lunches, a child's family must be at or below 130% of the Federal Poverty Level (FPL) while the upper income for reduced price lunches is 185% of FPL.

**Percent of Children Receiving Free or Reduced Price School Lunches (FFY 2006)**

Percent of Children	Number of States	Percent of States
< 25.0%	0	0.0%
25.0 – 49.9%	22	43.1%
50.0 – 74.9%	27	52.9%
≥ 75.0%	2	3.9%

Includes all states and the District of Columbia

Source: U.S. Department of Agriculture, Child Nutrition Division, data are current as of 4/25/07

As previously mentioned, low-income individuals have more oral health problems compared to higher income individuals. The percent of children living in households at or below 125% and 200% of Federal Poverty Level are common indicators used to describe the socioeconomic status of a state.

#### **Children Under 18 in Families Earning Less than 125% of the Federal Poverty Level**

Percent of Children	Number of States	Percent of States
< 10.0%	1	2.0%
10.0 – 14.9%	3	5.9%
15.0 – 19.9%	13	25.5%
20.0 – 24.9%	20	39.2%
25.0 – 29.9%	10	19.6%
≥ 30.0%	4	7.8%

Includes all states and the District of Columbia

Source: [pubdb3.census.gov/macro/032006/pov/new46\\_100125\\_03.htm](http://pubdb3.census.gov/macro/032006/pov/new46_100125_03.htm)

#### **Children Under 19 Years of Age Who are At or Below 200% of Federal Poverty Level**

Percent of Children	Number of States	Percent of States
< 20.0%	0	0.0%
20.0 – 29.9%	9	17.6%
30.0 – 39.9%	21	41.2%
40.0 – 49.9%	18	35.3%
≥ 50.0%	3	5.9%

Includes all states and the District of Columbia

Source: U.S. Census Bureau, 2004, 2005, and 2006 Annual Social and Economic Supplements

#### **Children Under 19 At or Below 200% Federal Poverty Level Without Insurance**

Percent of Children	Number of States	Percent of States
< 2.5%	3	5.9%
2.5 – 4.9%	15	29.4%
5.0 – 7.49%	21	41.2%
7.5 – 9.9%	7	13.7%
≥ 10.0%	5	9.8%

Includes all states and the District of Columbia

Source: U.S. Census Bureau, 2004, 2005, and 2006 Annual Social and Economic Supplements

## STATE INFRASTRUCTURE

When planning community programs, it is essential that oral health program staff know and understand their state's infrastructure. Especially important to oral health is community water fluoridation and programs that provide restorative and preventive dental care to those who might not be able to access care through private dentists.

### Percent of Population Served by Community Water Fluoridation

Percent of Population	Number of States	Percent of States
< 25.0%	3	5.9%
25.0 – 49.9%	6	11.8%
50.0 – 74.9%	16	31.4%
≥ 75.0%	26	51.0%

Source: Center for Disease Control & Prevention. Includes all states and the District of Columbia

### Number of Community-Based Dental Clinics for Low-Income Residents

Number of Clinics	Number of States	Percent of States
< 10	8	15.7%
10 – 24	14	27.5%
25 – 49	11	21.6%
50 – 99	8	15.7%
≥ 100	8	15.7%
Not Reported	2	3.9%

Includes all states and the District of Columbia

Source: State Synopsis Questionnaire

### Number of Local Health Departments with Restorative Dental Services

Number of Health Departments	Number of States	Percent of States
0	18	35.3%
1 – 4	13	25.5%
5 – 9	2	3.9%
10 – 49	8	15.7%
≥ 50	3	5.9%
Not Reported	7	13.7%

Includes all states and the District of Columbia

Source: State Synopsis Questionnaire

### Number of Local Health Departments with Education and Preventive Oral Health Programs

Number of Health Departments	Education Only		Preventive Services (such as sealants or fluoride)	
	# of States	% of States	# of States	% of States
0	27	52.9%	19	37.3%
1 – 4	9	17.6%	15	29.4%
5 – 9	0	0.0%	3	5.9%
10 – 49	7	13.7%	5	9.8%
≥ 50	0	0.0	2	3.9%
Not Reported	8	15.7%	7	13.7%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number of Mobile Dental Clinics with Restorative Dental Services

Number of Mobile Clinics	Number of States	Percent of States
0	18	35.3%
1 – 4	15	29.4%
≥ 5	2	3.9%
Not Reported	16	31.4%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number of Mobile Dental Clinics with Preventive Dental Services

Number of Mobile Clinics	Number of States	Percent of States
0	21	41.2%
1 – 4	12	23.5%
≥ 5	2	3.9%
Not Reported	16	31.4%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

One of the developmental Healthy People 2010 oral health objectives (21-17) is to "increase the number of Tribal, State, and local health agencies that serve jurisdictions of 250,000 or more persons that have in place an effective public dental health program directed by a dental professional with public health training." The following two tables provide information on the percent of large state/local health jurisdictions with a dental program and the percent of those programs that are managed by a dental professional with public health training.

**Percent of State & Local Health Jurisdictions with a Population  $\geq$  250,000 with a Dental Program**

Percent of Jurisdictions	Number of States	Percent of States
< 25.0%	2	3.9%
25.0 – 49.9%	6	11.8%
50.0 – 74.9%	6	11.8%
$\geq$ 75.0%	34	66.7%
Not Reported or Not Applicable	3	5.9%
Total Number of Health Jurisdictions with a Dental Program (total for all reporting States and DC)		152

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

**Percent of State & Local Dental Health Programs Managed by a DPH Professional**

Percent of Programs	Number of States	Percent of States
0.0%	20	39.2%
1.0 – 24.9%	3	5.9%
25.0 – 49.9%	9	17.6%
50.0 – 74.9%	5	9.8%
$\geq$ 75.0%	11	21.6%
Not Reported or Not Applicable	3	5.9%
Number of Health Jurisdictions with a Dental Program Managed by a DPH Professional (total for all reporting States and DC)		51

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

States are not mandated to provide dental benefits to adults through either Medicaid or SCHIP. The following table lists the percent of states that provide dental benefits to adults who are eligible for Medicaid and/or SCHIP.

#### Percent of States with Medicaid and SCHIP Adult Dental Benefits

State	Medicaid Adult Benefits	Medicaid Benefits for Pregnant Women	SCHIP Adult Benefits
None	9.8%	19.6%	74.5%
Emergency Only	25.5%	13.7%	3.9%
Limited	41.2%	33.3%	3.9%
Comprehensive	19.6%	25.5%	9.8%
Not Reported	3.9%	7.8%	7.8%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

The Early Periodic Screening, Diagnosis, and Treatment (EPSDT) Program is the child health component of Medicaid. It is required in every state and is designed to improve the health of low-income children by financing appropriate and necessary pediatric services. Each state develops EPSDT guidance; the following table lists recommended age at first dental visit from the state guidance.

#### EPSDT Age for First Dental Visit

Age in Years	Number of States	Percent of States
1 Year	26	51.0%
2 Years	4	7.8%
3 Years	16	31.4%
No Age Listed in Guidance	1	2.0%
Not Reported	4	7.8%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

#### Percent of States with Policies to Increase Access for Special Needs Adults and Seniors

Has Special Care Policy	Nursing Home Residents	Developmentally Disabled Adults
No	66.7%	58.8%
Yes	29.4%	37.3%
Not Reported	3.9%	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

## DENTAL WORKFORCE

Dentist-to-population and dental hygienist-to-population ratios are commonly used indicators of dental workforce and access to dental professionals. The following two tables provide information on the dentist and dental hygienist-to-population ratios. Note that these ratios are based on the number of dental professionals living in the state rather than those licensed to practice in the state.

### Dentists Living in State to Population Ratio

Dentist to Population Ratio	Number of States	Percent of States
< 1,500	11	21.6%
1,500 – 1,999	20	39.2%
2,000 – 2,499	15	29.4%
≥ 2,500	1	2.0%
Not Reported	4	7.8%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Dental Hygienists Living in State to Population Ratio

Dentist to Population Ratio	Number of States	Percent of States
< 1,500	8	15.7%
1,500 – 1,999	19	37.3%
2,000 – 2,499	11	21.6%
≥ 2,500	6	11.8%
Not Reported	7	13.7%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

It is well documented that many states have a geographic shortage or maldistribution of dental professionals. The following tables provide information on the percent of counties in a state that do not have a dentist and do not have a dentist enrolled as a Medicaid provider.

### Percent of Counties in State with No Dentist

Percent of Counties	Number of States	Percent of States
0%	17	33.3%
1.0 – 4.9%	15	29.4%
5.0 – 9.9%	4	7.8%
≥ 10%	8	15.7%
Not Reported / Not Applicable	7	13.7%

Includes all states and the District of Columbia (Note: AK and DC do not have counties)

**Percent of Counties in State with No Medicaid Dentist**

Percent of Counties	Number of States	Percent of States
0%	15	29.4%
1.0 – 9.9%	15	29.4%
10.0 – 19.9%	8	15.7%
20.0 – 34.0%	4	7.8%
Not Reported / Not Applicable	9	17.6%

Includes all states and the District of Columbia (Note: AK and DC do not have counties)

Source: State Synopsis Questionnaire

**ADMINISTRATION**

The following tables provide information on the administration, staffing and budgeting of state oral health programs. Some states administer or do direct hiring for local or regional clinics, so some employees or contractors may be clinical staff. Sixty percent of state dental directors have been in their position less than 5 years.

**Dental Director's Years of Service**

Years of Service	Number of States	Percent of States
< 1 year	3	5.9%
1 – 4 years	26	51.0%
5 – 9 years	8	15.7%
10 – 14 years	5	9.8%
≥ 15 years	5	9.8%
Not Reported / Vacant	4	7.8%

Includes all states and the District of Columbia

Source: State Synopsis Questionnaire

**Dental Director is Full-Time Position**

Years of Service	Number of States	Percent of States
No	5	9.8%
Yes	43	84.3%
Not Reported	3	5.9%

Includes all states and the District of Columbia

Source: State Synopsis Questionnaire

**Percent of Dental Director's Time Devoted to Medicaid/SCHIP Issues**

Percent of Time	Number of States	Percent of States
0	6	11.8%
1.0 – 9.9%	15	29.4%

10.0 – 19.9%	14	27.5%
20.0 – 29.9%	7	13.7%
≥ 30%	7	13.7%
Not Reported	2	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Percent of Dental Director's Time Paid by Medicaid/SCHIP

Percent of Time	Number of States	Percent of States
0	37	72.5%
5 – 49%	5	9.8%
50 – 100%	7	13.7%
Not Reported	2	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number of FTE Employees Working in State Programs (Rounded)

Number of FTEs	Number of States	Percent of States
< 2	9	17.6%
2 – 3	14	27.5%
4 – 5	8	15.7%
6 – 8	6	11.8%
8 – 10	3	5.9%
10 – 20	7	13.7%
> 20	2	3.9%
Not Reported	2	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number of FTE Contractors Funded by State Program (Rounded)

Number of FTEs	Number of States	Percent of States
< 2	23	45.1%
2 – 3	8	15.7%
4 – 5	5	9.8%
6 – 10	4	7.8%
11 – 20	2	3.9%
21 – 467	7	13.7%
Not Reported	2	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number of FTE Employees and Contractors Working for or Funded by State Program

Number of FTEs	Number of States	Percent of States
1 – 2	9	17.6%
3 – 4	8	15.7%
5 – 6	7	13.7%
7 – 9	4	7.8%
10 – 19	11	21.6%
20 – 49	5	9.8%
50 – 476	5	9.8%
Not Reported	2	3.9%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Funding Sources – Percent of Budget From Each Source (Rounded)

% of Budget from Source	Percent of States					
	Medicaid	Other State	MCHBG	Other HRSA	CDC	Other
0	64.7%	31.4%	19.6%	11.8%	41.2%	60.8%
1 – 24%	17.6%	15.7%	27.5%	60.8%	23.5%	15.7%
25 – 49%	2.0%	11.8%	17.6%	7.8%	9.8%	7.8%
50 – 74%	0.0%	3.9%	9.8%	5.9%	3.9%	2.0%
75 – 100%	2.0%	23.5%	11.8%	0.0%	7.8%	0.0%
Not Reported	13.7%	13.7%	13.7%	13.7%	13.7%	13.7%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

Of the 44 states that provided information on source of funding, 28 (64%) reported receiving 75-100% of their funding from one just source. Thirteen states (30%) received  $\geq 75\%$  of their funding from state funds while 10 states (23%) and 4 states (9%) reported receiving  $\geq 75\%$  of their funding from HRSA or CDC respectively. Reliance on one funding source can affect program sustainability.

### Overall Budget Change as Compared to Prior Year

Change in Overall Budget	Number of States	Percent of States
Decreased	12	23.5%
Increased	19	37.3%
Same	15	29.4%
Not Reported	5	9.8%

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire

### Number and Percent (%) of States that Reported a Decrease or Increase in Funding Source

Change in Funding	Decreased	Increased	Same	TOTAL REPORTING
State – Medicaid	1 (9%)	6 (55%)	4 (36%)	11
State – Other	5 (19%)	13 (48%)	9 (33%)	27
HRSA – MCHBG	9 (26%)	5 (14%)	21 (60%)	35
HRSA – SOHCS	3 (9%)	0 (0%)	32 (91%)	35
CDC – PHHSBG	5 (28%)	3 (17%)	10 (56%)	18
CDC – Infrastructure	1 (10%)	6 (60%)	3 (30%)	10

Source: State Synopsis Questionnaire

### Budget Range – Number of States within Each Budget Category

Budget Category	Number of States	Percent of States
Less than \$100,000	0	0.0%
\$100,000 to \$250,000	4	7.8%
\$250,001 to \$500,000	10	19.6%
\$500,001 to \$999,999	10	19.6%
\$ 1 million or more	21	41.2%
Not Reported	6	11.8%

Source: State Synopsis Questionnaire

**Range:** \$115,000 to \$6,190,171

**Mean:** \$1,295,911

**Median:** \$979,100

### ORAL HEALTH PROGRAMS

State oral health programs offer a variety of different services to their constituents. The following table provides information on the percent of states that offer specific oral health services.

#### Percent of States with Specific Oral Health Services

Program	Has Program	No Program	Not Reported
Abuse/Neglect or PANDA Program	29.4	66.7	3.9
Access to Care Program	68.6	27.5	3.9
Dental Screening Program	78.4	17.6	3.9
Dental Sealant Program	80.4	15.7	3.9
ECC Prevention Program	66.7	29.4	3.9
Fluoride Mouthrinse Program	70.6	25.5	3.9
Fluoride Supplement Program	27.5	68.6	3.9
Fluoride Varnish Program	41.2	54.9	3.9
Mouthguard/Injury Prevention Program	13.7	82.4	3.9
Needs Assessments (BRFSS/YRBS)	72.5	23.5	3.9
Oral Health Education and Promotion	92.2	3.9	3.9
Oral Health (Open Mouth) Surveys	54.9	41.2	3.9
Oral Health Programs for Pregnant Women	41.2	54.9	3.9
Craniofacial Surveillance System	62.7	31.4	5.9
Oral Health Surveillance System	58.8	33.3	7.8

Includes all states and the District of Columbia  
Source: State Synopsis Questionnaire