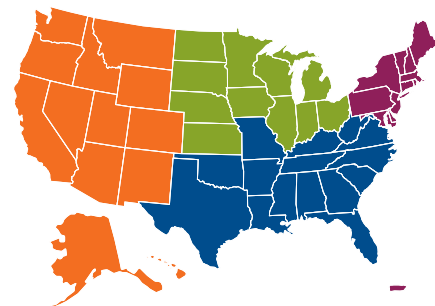


# CAPITOL RESEARCH

## Regional Facts & Figures



### ORAL HEALTH INDICATORS

Oral health is important to the overall health of an individual. Tracking and comparing oral health indicators is an integral component of a state's public health strategy, as diseases and certain conditions related poor oral health—like tooth decay, periodontal or gum disease, and oral or pharyngeal cancer—are costly issues. Overall, national spending on dental services reached \$108 billion in 2011.<sup>1</sup>

**Dentist or dental clinic visits of adults age 18 and over during a one-year timespan is an indicator used to track the oral health of the adult population.<sup>2</sup>**

- ▶ In 2010, 69.7 percent of American adults indicated that they had visited a dentist or dental clinic in the previous year.
- ▶ Massachusetts and Connecticut topped the list for residents visiting the dentist, with 82 percent of adults visiting a dentist or dental clinic in the previous year. Minnesota placed third, with 79 percent of adults visiting the dentist that year.
- ▶ Oklahoma had the lowest percentage of adults visiting an oral health professional in the previous year at 57 percent, followed by Mississippi and the Virgin Islands, each with 56 percent.

**In general, women are more likely to have had a dental checkup than men, and whites are more likely to have had a checkup than minorities.<sup>3,4</sup>**

- ▶ Between 2006 and 2008, 34.2 percent of men did not have a dental checkup, compared to 28.8 percent of women.

- ▶ White men were more likely than minorities to have a dental checkup: 30.2 percent of white men did not have a dental checkup between 2006 and 2008, while 42 percent of minority males did not have such a checkup.
- ▶ Between 2006 and 2008, 25.1 percent of non-Hispanic white women did not receive a dental checkup, while 36 percent of all minority women did not have a checkup during the same period.

**Per capita spending on dental care varies by state, as does the percentage of total health expenditures spent on dental care.<sup>5</sup>**

- ▶ Nationally, per capita spending on dental care was \$333 in 2009 and dental services made up 4.9 percent of total health care expenditures.
- ▶ Residents in Mississippi (\$223), Kentucky (\$248) and Louisiana (\$251) spent the least on dental services on a per capita basis, while residents in Washington (\$508), Alaska (\$486) and New Hampshire (\$458) spent the most.
- ▶ In 2009, spending on dental services as a percent of total health expenditures was lowest in Mississippi at 3.4 percent, followed by Pennsylvania (3.6 percent) and Louisiana (3.7 percent). Spending was highest in Washington (7.5 percent), Idaho (6.9 percent) and Utah (6.8 percent).

#### RESOURCES

<sup>1</sup>Centers for Medicare and Medicaid Services, "National Health Expenditures 2011 Highlights," 2011. <http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/downloads/highlights.pdf>

<sup>2</sup>The Center for Disease Control and Prevention (CDC), Prevalence and Trends Data: Percentage of Adults Who Visited the Dentist or Dental Clinic within the Past Year, 2010. <http://apps.nccd.cdc.gov/brfss/list.asp?cat=0H&yr=2010&qkey=6610&state=All>

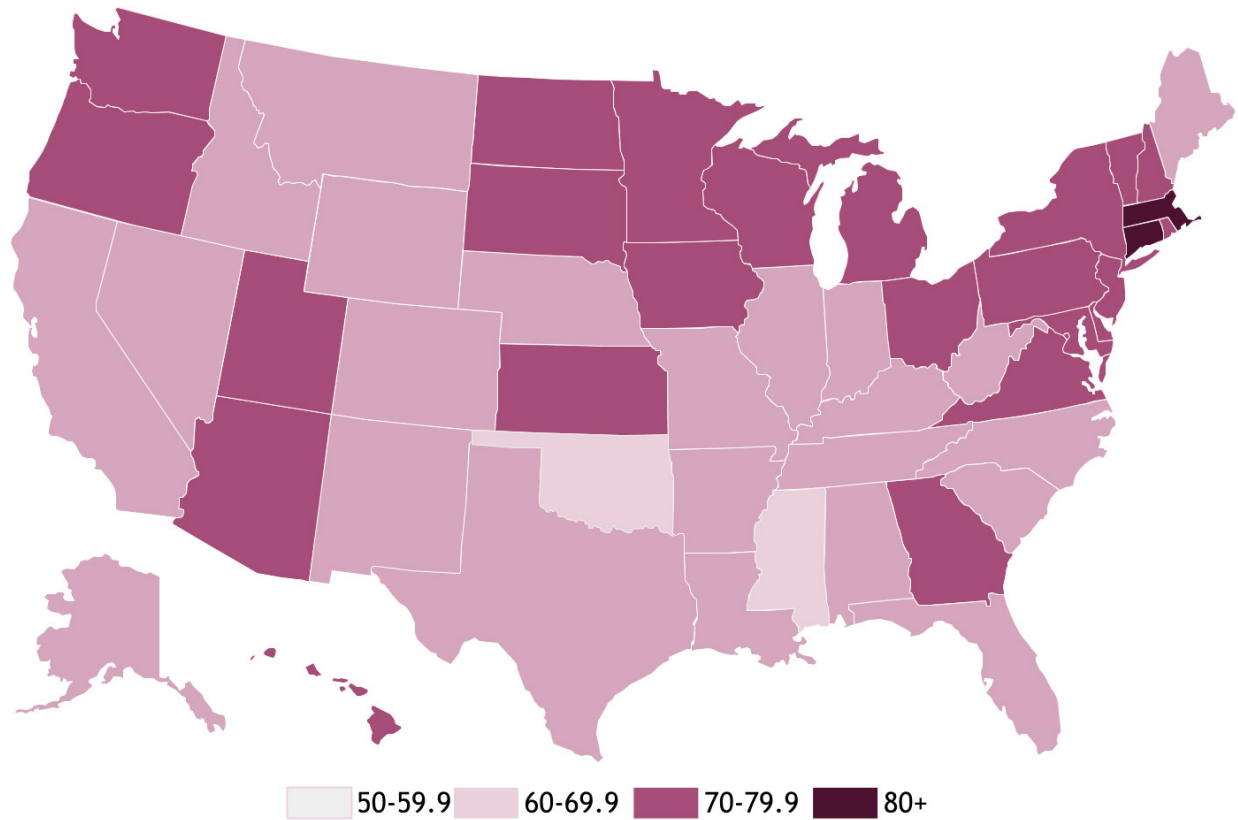
<sup>3</sup>Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, "Putting Men's Health Care Disparities on the Map: Examining Racial and Ethnic Disparities at the State Level," 2006-2008, [http://www.kff.org/minorityhealth/ethnicity/ethnic\\_disparities\\_men.cfm](http://www.kff.org/minorityhealth/ethnicity/ethnic_disparities_men.cfm).

<sup>4</sup>Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, "Putting Women's Health Care Disparities on the Map: Examining Racial and Ethnic Disparities at the State Level," 2006-2008,

<http://kff.org/disparities-policy/report/putting-womens-health-care-disparities-on-the/>

<sup>5</sup>Centers for Medicare & Medicaid Services, "Health Expenditures by State of Residence," 2009. Retrieved (11/11/2013) at <http://www.cms.gov/NationalHealthExpendData/downloads/resident-state-estimates.zip>. Author's calculations of per capita estimates.

## PERCENTAGE OF ADULTS WHO VISITED THE DENTIST OR DENTAL CLINIC WITHIN THE PAST YEAR, 2010



The Center for Disease Control and Prevention (CDC), based on the Behavioral Risk Factor Surveillance System, 2010

The Council of State Governments

# Oral Health Indicators and Expenditures

|                       | Percent of Adults Who Visited the Dentist/Clinic in the Last Year, 2010 <sup>1</sup> | Percent of Adults Who Did Not Visit the Dentist in Past Two Years, 2006-2008 |             |           |                    |             |           | Per Capita Spending on Total Dental Services, 2009 (\$) <sup>4</sup> | Dental Services as Percent of Health Care Expenditures, 2009 <sup>2</sup> |
|-----------------------|--|--|-------------|-----------|--------------------|-------------|-----------|--|---|
|                       |  | Men <sup>3</sup>   |             |           | Women <sup>3</sup> |             |           |  |   |
|                       |  | All  | White       | Minority  | All                | White       | Minority  |  |   |
| <b>United States</b>  | <b>69.7</b>  | <b>34.2</b>  | <b>30.2</b> | <b>42</b> | <b>28.8</b>        | <b>25.1</b> | <b>36</b> | <b>333</b>   | <b>4.9</b>  |
| <b>EAST REGION</b>    |  |  |             |           |                    |             |           |  |   |
| Connecticut           | 81.6   | 23.3   | 20.3        | 36.0      | 18.4               | 16.2        | 27.0      | 447.8  | 5.2   |
| Delaware              | 74.2   | 25.9   | 23.3        | 35.1      | 22.9               | 19.2        | 33.7      | 404.4  | 4.8   |
| Maine                 | 68.7   | 31.9   | 31.6        | 38.6      | 25.7               | 25.4        | 33.4      | 327.0  | 3.8   |
| Maryland              | 75.5   | 29.6   | 25.3        | 36.6      | 25.2               | 20.7        | 31.5      | 338.7  | 4.5   |
| Massachusetts         | 81.7   | 23.6   | 21.3        | 32.2      | 19.6               | 18.1        | 25.6      | 446.0  | 4.8   |
| New Hampshire         | 76.7   | 25.4   | 24.7        | 35.6      | 21.2               | 20.8        | 28.4      | 457.8  | 5.9   |
| New Jersey            | 76.0   | 28.6   | 22.0        | 37.6      | 23.5               | 18.3        | 32.1      | 402.7  | 5.3   |
| New York              | 72.5   | 31.6   | 28.8        | 35.0      | 25.1               | 22.7        | 27.9      | 337.6  | 4.1   |
| Pennsylvania          | 72.3   | 31.8   | 30.1        | 38.9      | 25.3               | 23.9        | 32.6      | 279.4  | 3.6   |
| Rhode Island          | 78.1   | 22.3   | 19.9        | 34.1      | 18.7               | 17.0        | 27.6      | 326.5  | 3.9   |
| Vermont               | 75.6   | 28.7   | 28.6        | 30.5      | 22.4               | 21.8        | 34.3      | 406.7  | 5.3   |
| <b>MIDWEST REGION</b> |  |  |             |           |                    |             |           |  |   |
| Illinois              | 69.7   | 35.8   | 29.0        | 48.6      | 28.8               | 23.5        | 38.5      | 323.9  | 4.8   |
| Indiana               | 68.8   | 37.0   | 34.8        | 47.3      | 29.1               | 27.3        | 40.5      | 289.9  | 4.4   |
| Iowa                  | 76.0   | 31.2   | 29.9        | 46.7      | 22.3               | 21.5        | 33.8      | 309.9  | 4.5   |
| Kansas                | 72.9   | 32.3   | 31.0        | 38.2      | 27.0               | 24.5        | 40.0      | 330.5  | 4.9   |
| Michigan              | 72.5   | 28.3   | 25.6        | 37.9      | 22.2               | 20.1        | 30.3      | 347.9  | 5.3   |
| Minnesota             | 78.9   | 26.4   | 25.1        | 37.0      | 20.1               | 19.2        | 27.7      | 387.9  | 5.2   |
| Nebraska              | 69.5   | 31.4   | 29.5        | 42.9      | 25.1               | 23.9        | 34.2      | 286.6  | 4.1   |
| North Dakota          | 72.6   | 30.4   | 29.5        | 41.0      | 22.1               | 21.5        | 26.9      | 362.5  | 4.7   |
| Ohio                  | 71.5   | 31.7   | 30.5        | 40.5      | 23.6               | 22.8        | 29.8      | 291.1  | 4.1   |
| South Dakota          | 73.5   | 32.2   | 31.7        | 36.6      | 24.3               | 23.4        | 36.0      | 342.5  | 4.9   |
| Wisconsin             | 75.1   | 28.7   | 27.4        | 38.0      | 22.3               | 20.8        | 33.1      | 375.6  | 5.2   |
| <b>SOUTH REGION</b>   |  |  |             |           |                    |             |           |  |   |
| Alabama               | 64.7   | 35.7   | 32.7        | 43.4      | 32.2               | 29.5        | 38.5      | 256.6  | 4.1   |
| Arkansas              | 61.1   | 43.5   | 41.1        | 52.2      | 36.0               | 33.5        | 45.5      | 272.6  | 4.4   |
| Florida               | 66.4   | 36.4   | 33.0        | 41.9      | 31.1               | 27.5        | 37.4      | 285.2  | 4.0   |
| Georgia               | 70.2   | 32.0   | 28.9        | 37.2      | 27.5               | 24.7        | 31.4      | 289.0  | 5.3   |
| Kentucky              | 63.2   | 37.8   | 37.7        | 39.4      | 33.3               | 32.8        | 38.8      | 248.4  | 3.8   |
| Louisiana             | 63.9   | 35.3   | 31.4        | 43.0      | 33.2               | 28.9        | 40.9      | 250.8  | 3.7   |
| Mississippi           | 58.1   | 43.5   | 40.4        | 48.6      | 37.2               | 33.3        | 42.9      | 223.3  | 3.4   |
| Missouri              | 64.3   | 42.5   | 41.5        | 49.0      | 34.8               | 33.1        | 44.1      | 258.5  | 3.7   |
| North Carolina        | 68.4   | 36.5   | 30.1        | 46.8      | 29.8               | 25.7        | 38.0      | 324.1  | 5.0   |
| Oklahoma              | 57.2   | 45.6   | 43.7        | 48.6      | 40.0               | 37.5        | 47.8      | 316.3  | 4.8   |
| South Carolina        | 63.4   | 35.7   | 31.4        | 44.4      | 32.0               | 26.6        | 42.2      | 287.4  | 4.6   |
| Tennessee             | 66.3   | 36.9   | 35.6        | 41.1      | 33.0               | 32.7        | 33.7      | 271.0  | 4.2   |
| Texas                 | 61.7   | 41.2   | 36.1        | 47.6      | 38.9               | 30.2        | 47.7      | 285.4  | 4.8   |
| Virginia              | 78.4   | 28.8   | 25.4        | 38.2      | 25.3               | 22.9        | 32.5      | 355.3  | 5.7   |
| West Virginia         | 60.5   | 40.6   | 40.9        | 34.7      | 33.9               | 34.0        | 31.3      | 280.1  | 3.7   |
| <b>WEST REGION</b>    |  |  |             |           |                    |             |           |  |   |
| Alaska                | 69.4   | 36.1   | 34.6        | 37.6      | 30.8               | 29.8        | 33.4      | 485.5  | 5.3   |
| Arizona               | 70.1   | 35.5   | 29.5        | 46.3      | 33.3               | 28.4        | 42.6      | 299.6  | 5.5   |
| California            | 69.6   | 36.6   | 26.8        | 42.5      | 30.7               | 23.8        | 34.8      | 398.0  | 6.4   |
| Colorado              | 68.0   | 35.7   | 31.0        | 47.7      | 29.3               | 24.8        | 42.5      | 365.3  | 6.1   |
| Hawaii                | 72.6   | 30.3   | 25.3        | 32.3      | 25.5               | 22.4        | 27.4      | 369.1  | 5.4   |
| Idaho                 | 69.3   | 36.2   | 33.7        | 51.0      | 31.0               | 30.2        | 38.5      | 391.8  | 6.9   |
| Montana               | 61.1   | 36.9   | 36.4        | 40.8      | 31.6               | 30.7        | 37.5      | 326.8  | 4.9   |
| Nevada                | 67.2   | 40.0   | 34.9        | 45.3      | 33.9               | 29.2        | 40.1      | 330.8  | 5.8   |
| New Mexico            | 67.2   | 38.4   | 33.5        | 43.1      | 34.6               | 28.1        | 39.5      | 304.3  | 4.6   |
| Oregon                | 70.4   | 31.9   | 30.3        | 41.7      | 29.6               | 27.6        | 38.9      | 406.8  | 6.2   |
| Utah                  | 74.3   | 31.7   | 30.0        | 41.2      | 27.2               | 25.4        | 37.6      | 341.4  | 6.8   |
| Washington            | 72.1   | 30.8   | 27.6        | 42.9      | 26.0               | 23.8        | 33.6      | 507.6  | 7.5   |
| Wyoming               | 69.0   | 35.8   | 35.7        | 37.9      | 29.9               | 28.6        | 40.4      | 379.7  | 5.4   |

<sup>1</sup>The Center for Disease Control and Prevention (CDC), Prevalence and Trends Data: Percentage of Adults Who Visited the Dentist or Dental Clinic within the Past Year, 2010. <http://apps.nccd.cdc.gov/brfss/list.asp?cat=OH&yr=2010&qkey=6610&state=All>

<sup>2</sup>Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, "Putting Men's Health Care Disparities on the Map: Examining Racial and Ethnic Disparities at the State Level," 2006-2008, [http://www.kff.org/minorityhealth/minority\\_racial\\_disparities\\_men.cfm](http://www.kff.org/minorityhealth/minority_racial_disparities_men.cfm).

<sup>3</sup>Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, "Putting Women's Health Care Disparities on the Map: Examining Racial and Ethnic Disparities at the State Level," 2006-2008, <http://kff.org/disparities-policy/report/putting-womens-health-care-disparities-on-the-map/>

<sup>4</sup>Centers for Medicare & Medicaid Services, "Health Expenditures by State of Residence," Retrieved (11/1/2013) at <http://www.cms.gov/NationalHealthExpendData/downloads/resident-state-estimates.zip>, Author's calculations of per capita estimates.