

# 2024 State Oral Health Measures Dashboard

[Click Here for Dashboard](#)

## Understanding and Navigating the Dashboard

This dashboard compiles measures from both CareQuest Institute–derived/owned data sources (e.g., SOHEA) and publicly available data (e.g., CMS-416 Reports). The data measurements represent coded scores collected from these sources.

*Note: This dashboard provides state-level information for reference purposes only and does not function as a ranking or scoring system.*

### Interactive Tables and Charts

The coded scores on this interactive sheet comprise a national view, a state view, and the deviation from the national average for each of the select state oral health measures:

- Medicaid Reimbursement (as a % of Commercial Fees)
- Adult Population Without Dental Insurance
- Adults Deferred Dental Care Due to Cost
- Adult Out-of-Pocket Dental Care Costs (Greater than \$500)
- Adult Annual Dental Visits
- Child Annual Preventive Dental Visits
- Adult Medicaid Enrollee Annual Dental Visits
- Travel 30+ Mins. for Dental
- Child Medicaid Population with No Dental Visit
- Adults with Unmet Dental Needs
- Adults Missing 6+ Teeth
- Population with Fluoridated Water in Community Water Systems
- Extensiveness of Adult Medicaid Coverage
- Extensiveness of Adult Pregnant Medicaid Coverage
- Dental Need Met

### SOHEA Methodology

The **State of Oral Health Equity in America** survey is a **nationally representative** study examining adults' attitudes, experiences, and behaviors related to oral health. It was designed by **CareQuest Institute for Oral Health** and conducted by **NORC at the University of Chicago**.

#### Survey Timeline and Data Collection

- Data was collected in **January–February 2021, January–February 2022, January–February 2023, and March–May 2024**.
- Participants were **adults aged 18 and older** from the **AmeriSpeak panel**, a **probability-based panel** representative of US households.
- **Sampling Method:**
  - Randomly selected US households were sampled using **area probability and address-based sampling**, ensuring a known, non-zero probability of selection from the NORC National Sample Frame.
  - Households were contacted via **US mail, telephone, and field interviewers**.
  - An additional **state-level sample** was included in 2024 to increase individual state oversamples.

#### 2024 Survey Sample

- **Total sampling unit: 22,448**
- **Final sample size: 9,307**
- **Final weighted cumulative response rate: 7.3%**
- **Margin of error: ±1.44%**
- **Statistical significance:** All results presented are statistically significant at  **$p < 0.05$** , unless otherwise noted.

**The interactive dashboard includes the following views:**

**National View:** Displays selected measures at the national level.

**State View:** Displays state-level data for selected measures.

**Deviation from National Average:** Shows how each state's measure compares to the national average.

**1. Default View**

- Upon opening the dashboard, the *National View* appears in the top-left section, while the *State View* is located at the bottom.

**2. Using Filters**

- A *measure dropdown filter* at the top allows you to change the displayed measure across all views.
- A *state dropdown filter* (above the *State View* table) lets you view all measures for a selected state, including their data quality assessment.

**3. Exploring Data**

- *Hovering over the last blank column in the State View table* reveals details such as the measure name, description, coded score, data quality assessment, and the data collection year.
- *Hovering over a deviation value in the Deviation from National Average table* displays the state name, measure name, raw score, national average for the selected measure, and the deviation value.

**CareQuest Institute for Oral Health State Oral Health Dashboard**

Select a Measure: Adult Population Without Dental Insurance

**National View: Adult Population without Dental Insurance**

State	Score
Texas	6.0
Oklahoma	6.6
Florida	4.9
Maine	4.8
West Virginia	3.8
Tennessee	3.8
North Dakota	3.6
Arkansas	3.4
Alabama	3.2
Louisiana	3.2
Arizona	2.6
Montana	2.5
Delaware	2.1
South Dakota	2.0
North Carolina	2.0
Mississippi	1.8
Missouri	1.7
Wyoming	1.1
North Carolina	1.1

**Deviation from National Average: Adult Population without Dental Insurance**

Deviation from National Average

Select a State: Massachusetts

**State View: Massachusetts**

Measure	National Average	State Score	Known Data Quality Issues
Adult Annual Dental Visits	65.0%	73.2%	No data quality concerns reported.
Adult Medicaid Enrollee Annual Dental Visits	16.9%	29.8%	Value is impacted by extreme problems in data completeness or reliability and isn't recommended to report.
Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	26.9%	24.7%	No data quality concerns reported.
Adult Population Without Dental Insurance	28.0%	25.7%	No data quality concerns reported.
Adults Deferred Dental Care Due to Cost	6.7%	5.5%	No data quality concerns reported.
Adults Missing 6+ Teeth	9.1%	7.2%	No data quality concerns reported.
Adults with Unmet Dental Needs	13.0%	16.2%	No data quality concerns reported.
Child Annual Preventive Dental Visits	80.3%	83.8%	No data quality concerns reported.
Child Medicaid Population with No Dental Visit	57.6%	55.4%	No data quality concerns reported.
Dental Need Met	35.0%	74.0%	No data quality concerns reported.
Extensiveness of Adult Medicaid Coverage	20.9 (0-31)	22	No data quality concerns reported.
Extensiveness of Adult Pregnant Medicaid Coverage	2.5 (0-3)	extensive (3)	No data quality concerns reported.
Medicaid Reimbursement (as a % of Commercial Fees)	62.5%	46.6%	No data quality concerns reported.

**CareQuest Institute for Oral Health State Oral Health Dashboard**

Select a Measure: Adult Population Without Dental Insurance

**Measure Dropdown Filter**

Select a State: Massachusetts

**State Dropdown Filter**

**State View: Massachusetts**

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**State View Hover**

**Massachusetts**

- Measure: Adult Out of Pocket Dental Care Costs (Greater than \$500)
- Measure Description: Percent of adult population spending more than \$500 out of pocket on dental annually
- Score: 24.7%
- Data Quality Assessment: No data quality concerns reported.
- Year: 2024

**CareQuest Institute for Oral Health State Oral Health Dashboard**

Select a Measure: Adult Population Without Dental Insurance

**Deviation Value Hover**

North Dakota: Adult Population without Dental Insurance  
Percent of adult population without dental insurance

Measure Calculation

- State Raw Score: 29.8%
- National Average: 28.0
- Deviation: 3.8

Select a State: Massachusetts

**State View: Massachusetts**

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#### 4. Navigating to the Measures & Data Sources page

- Click the line graph icon (top right corner) to access the Measures & Data Sources View.

#### 5. Navigating to the 2024 State Oral Health Dashboard Instructions sheet

- Click the info icon (top right corner) to access this sheet.

#### 6. Navigating to the Map View

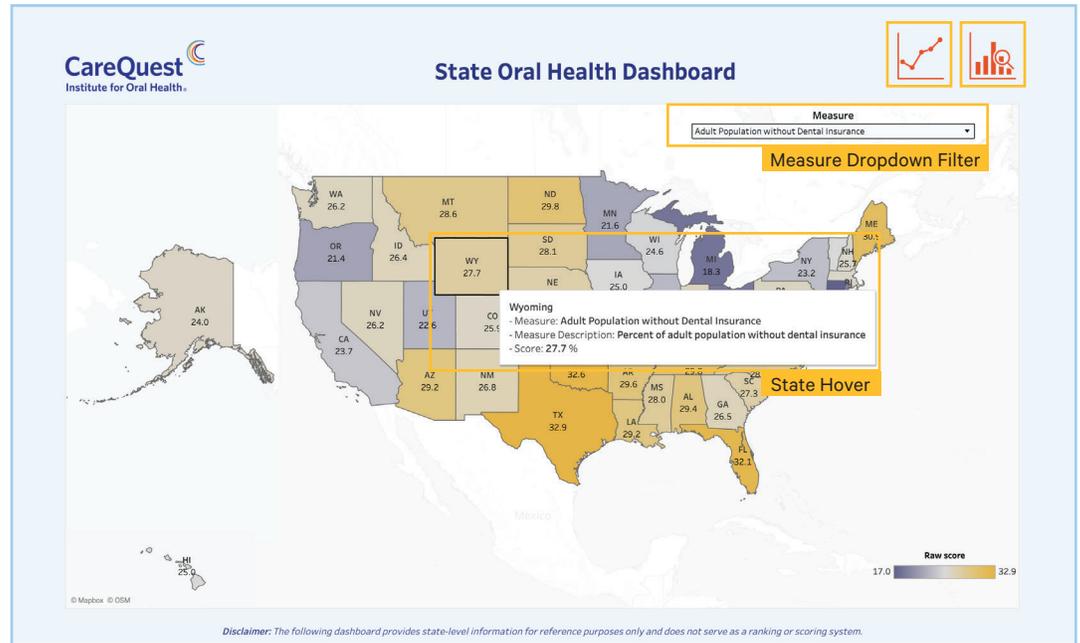
- Click the map icon (top right corner) to access the Map View.

#### Map View:

- Hover over a state to see:
  - The selected measure name
  - Measure description
  - Raw score
- Use the single measure dropdown filter (top right) to view values for a different measure.
- Click the line graph icon (top right) to navigate to the Measures & Data Sources.
- Click the bar chart icon (top right) to return to the main dashboard.

#### Measures & Data Sources

- Click the map icon to navigate to the Map View.
- Click the chart icon to return to the main dashboard.
- Click the document icon to open the Data Quality Assessment Report.



Measure	Measure Description	Data Steward	Data Source	Year	
Adult Annual Dental Visits	Percent of adults with an annual dental visit	America's Health Rankings	America's Health Rankings	2022	<a href="https://www.americashealthranking..">https://www.americashealthranking..</a>
Adult Medicaid Enrollee Annual Dental Visits	Percent of Medicaid enrollees with annual den..	Centers for Medicare & Medicaid Services	Transformed Medicaid Statistical Information..	2020	<a href="https://www.ada.org/en/resources/r..">https://www.ada.org/en/resources/r..</a>
Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500..	CareQuest Institute for Oral Health	State of Oral Health Equity in America Surv..	2024	<a href="https://www.carequest.org/system/f..">https://www.carequest.org/system/f..</a>
Adult Population Without Dental Insurance	Percent of adult population without dental insurance	CareQuest Institute for Oral Health	State of Oral Health Equity in America Surv..	2024	<a href="https://www.carequest.org/system/f..">https://www.carequest.org/system/f..</a>
Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care ann..	CareQuest Institute for Oral Health	State of Oral Health Equity in America Surv..	2024	<a href="https://www.carequest.org/system/f..">https://www.carequest.org/system/f..</a>
Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Centers for Disease Control & Prevention	Behavior Risk Factor Surveillance System	2022	<a href="https://www.cdc.gov/oralhealthdata..">https://www.cdc.gov/oralhealthdata..</a>
Adults with Unmet Dental Needs	Percent of adults with oral health problems that wen..	CareQuest Institute for Oral Health	State of Oral Health Equity in America Surv..	2022	<a href="https://www.carequest.org/system/f..">https://www.carequest.org/system/f..</a>
Child Annual Preventive Dental Visits	Percent of children with one or more annual preve..	America's Health Rankings	America's Health Rankings	2022-20..	<a href="https://www.americashealthranking..">https://www.americashealthranking..</a>
Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with ..	Centers for Medicare & Medicaid Services	CMS-416 Reports	2022	<a href="https://www.medicaid.gov/medicaid/..">https://www.medicaid.gov/medicaid/..</a>
Dental Need Met	Percent of state population with dental needs met	Health Resources & Services Administration	HRSA, Census	2024	<a href="https://www.kff.org/other/state-indi..">https://www.kff.org/other/state-indi..</a>
Extensiveness of Adult Medicaid Coverage	Extensiveness of state Medicaid coverage	CareQuest Institute for Oral Health	Medicaid adult coverage checker	2022	<a href="https://www.carequest.org/Medicaid..">https://www.carequest.org/Medicaid..</a>
Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant pe..	National Association of State Health Plans	State Medicaid coverage checker	2022	<a href="https://www.nashp.org/state-medica..">https://www.nashp.org/state-medica..</a>
Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compar..	CareQuest Institute for Oral Health	Compared Medicaid fee schedules collected by ..	2024	
Population with Fluoridated Water in Community Water Systems	Percent of population served by community wat..	Centers for Disease Control & Prevention	Water Fluoridation Reporting System	2020	<a href="https://www.cdc.gov/fluoridation/st..">https://www.cdc.gov/fluoridation/st..</a>
State Population	Population of State	U.S. Census Bureau	US Census	2022	<a href="https://www.census.gov/data/tables..">https://www.census.gov/data/tables..</a>
Travel 30+ Mins for Dental	Percent of adult population traveling 30 or more mins ..	CareQuest Institute for Oral Health	State of Oral Health Equity in America Surv..	2024	<a href="https://www.carequest.org/system/f..">https://www.carequest.org/system/f..</a>