

# 2024 State Oral Health Dashboard

## Data Quality Assessment Report

The purpose of this data quality report is to evaluate and present state-level oral health indicators while highlighting potential limitations in data reliability. It aims to inform policymakers, researchers, and stakeholders about disparities in dental care access and costs, while cautioning against overinterpreting potentially unstable estimates.

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Wyoming	Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compared to commercial fee schedules for top 25 most common dental procedures	Compared Medicaid fee schedules collected by CareQuest Institute to commercial fees provided by a third-party aggregator of fees for the top 25 most common dental procedures	61.3%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compared to commercial fee schedules for top 25 most common dental procedures	Compared Medicaid fee schedules collected by CareQuest Institute to commercial fees provided by a third-party aggregator of fees for the top 25 most common dental procedures	81.8%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compared to commercial fee schedules for top 25 most common dental procedures	Compared Medicaid fee schedules collected by CareQuest Institute to commercial fees provided by a third-party aggregator of fees for the top 25 most common dental procedures	55.2%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compared to commercial fee schedules for top 25 most common dental procedures	Compared Medicaid fee schedules collected by CareQuest Institute to commercial fees provided by a third-party aggregator of fees for the top 25 most common dental procedures	51.1%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Medicaid Reimbursement (as a % of Commercial Fees)	Percent of Medicaid reimbursement compared to commercial fee schedules for top 25 most common dental procedures	Compared Medicaid fee schedules collected by CareQuest Institute to commercial fees provided by a third-party aggregator of fees for the top 25 most common dental procedures	62.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Wyoming	Adult Population Without Dental Insurance	Percent of adult population without dental insurance	State of Oral Health Equity in America	27.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Vermont	Adult Population Without Dental Insurance	Percent of adult population without dental insurance	State of Oral Health Equity in America	25.0%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Adult Population Without Dental Insurance	Percent of adult population without dental insurance	State of Oral Health Equity in America	23.2%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Adult Population Without Dental Insurance	Percent of adult population without dental insurance	State of Oral Health Equity in America	29.6%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Adult Population Without Dental Insurance	Percent of adult population without dental insurance	State of Oral Health Equity in America	29.8%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Wyoming	Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care annually due to cost	State of Oral Health Equity in America	7.2%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care annually due to cost	State of Oral Health Equity in America	8.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care annually due to cost	State of Oral Health Equity in America	7.8%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care annually due to cost	State of Oral Health Equity in America	4.1%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Adults Deferred Dental Care Due to Cost	Percent of adult population deferring dental care annually due to cost	State of Oral Health Equity in America	10.1%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Wyoming	Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500 out-of-pocket on dental annually	State of Oral Health Equity in America	26.8%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500 out-of-pocket on dental annually	State of Oral Health Equity in America	23.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500 out-of-pocket on dental annually	State of Oral Health Equity in America	26.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500 out-of-pocket on dental annually	State of Oral Health Equity in America	27.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Adult Out-of-Pocket Dental Care Costs (Greater than \$500)	Percent of adult population spending more than \$500 out-of-pocket on dental annually	State of Oral Health Equity in America	28.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Mississippi	Adult Annual Dental Visits	Percent of adults with an annual dental visit	America's Health Ranking	57.7%	Most recent data from Mississippi is in 2020.
Wyoming	Child Annual Preventive Dental Visits	Percent of children with one or more annual preventive dental care visits	America's Health Ranking	83.5%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Child Annual Preventive Dental Visits	Percent of children with one or more annual preventive dental care visits	America's Health Ranking	85.9%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Child Annual Preventive Dental Visits	Percent of children with one or more annual preventive dental care visits	America's Health Ranking	82.3%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

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Alaska	Child Annual Preventive Dental Visits	Percent of children with one or more annual preventive dental care visits	America's Health Ranking	79.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Child Annual Preventive Dental Visits	Percent of children with one or more annual preventive dental care visits	America's Health Ranking	79.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Massachusetts	Adult Medicaid Enrollee Annual Dental Visits	Percent of Medicaid enrollees with annual dental visits	TMSIS 2020	29.8%	Value is impacted by extreme problems in data completeness or reliability and isn't recommended to report
Minnesota	Adult Medicaid Enrollee Annual Dental Visits	Percent of Medicaid enrollees with annual dental visits	TMSIS 2020	27.9%	Value is impacted by extreme problems in data completeness or reliability and isn't recommended to report
New Jersey	Adult Medicaid Enrollee Annual Dental Visits	Percent of Medicaid enrollees with annual dental visits	TMSIS 2020	29.7%	Value is impacted by extreme problems in data completeness or reliability and isn't recommended to report
Utah	Adult Medicaid Enrollee Annual Dental Visits	Percent of Medicaid enrollees with annual dental visits	TMSIS 2020	7.6%	Value is impacted by extreme problems in data completeness or reliability and isn't recommended to report
DC	Travel 30+ Mins. for Dental	Percent of adult population traveling one or more hours to see a dentist	State of Oral Health Equity in America	12.0%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Travel 30+ Mins. for Dental	Percent of adult population traveling one or more hours to see a dentist	State of Oral Health Equity in America	14.5%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Travel 30+ Mins. for Dental	Percent of adult population traveling one or more hours to see a dentist	State of Oral Health Equity in America	13.9%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Wyoming	Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with no dental visit	CMS-416	55.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with no dental visit	CMS-416	49.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with no dental visit	CMS-416	57.0%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with no dental visit	CMS-416	56.0%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Child Medicaid Population with No Dental Visit	Percent of children enrolled in Medicaid with no dental visit	CMS-416	69.5%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Adults with Unmet Dental Needs	Percent of adults with oral health problems that went unaddressed	State of Oral Health Equity in America	6.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Adults with Unmet Dental Needs	Percent of adults with oral health problems that went unaddressed	State of Oral Health Equity in America	15.3%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Adults with Unmet Dental Needs	Percent of adults with oral health problems that went unaddressed	State of Oral Health Equity in America	14.1%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Wyoming	Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Behavioral Risk Factor Surveillance Survey	8.9%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Vermont	Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Behavioral Risk Factor Surveillance Survey	9.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Behavioral Risk Factor Surveillance Survey	5.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Behavioral Risk Factor Surveillance Survey	11.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Adults Missing 6+ Teeth	Percent of adults missing 6 or more teeth	Behavioral Risk Factor Surveillance Survey	8.9%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Pennsylvania	Population with Fluoridated Water in Community Water Systems	Percent of population served by community water systems receiving fluoridated water	Water Fluoridation Reporting System	60.0%	Complete data were not available from WFRS. State provided additional information.
Alabama	Extensiveness of Adult Medicaid Coverage	Extensiveness of state Medicaid coverage	State Medicaid Coverage Checker	—	No data were recorded.
Wyoming	Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant people	State Medicaid Coverage Checker	2	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant people	State Medicaid Coverage Checker	3	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant people	State Medicaid Coverage Checker	3	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data

State	Measure	Measure Description	Data Source	Coded Score	Quality Assessment
Arkansas	Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant people	State Medicaid Coverage Checker	2	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Extensiveness of Adult Pregnant Medicaid Coverage	Extensiveness of Medicaid coverage for pregnant people	State Medicaid Coverage Checker	3	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Wyoming	Dental Need Met	Percent of state population with dental needs met	HRSA, Census	33.0%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Vermont	Dental Need Met	Percent of state population with dental needs met	HRSA, Census	77.6%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
DC	Dental Need Met	Percent of state population with dental needs met	HRSA, Census	2.9%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
Arkansas	Dental Need Met	Percent of state population with dental needs met	HRSA, Census	36.7%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data
North Dakota	Dental Need Met	Percent of state population with dental needs met	HRSA, Census	51.4%	Small sample size estimates may be unstable and not accurately represent the true characteristics of the data