

Table AMR-AD. Percentage of Adults Ages 19 to 64 with Persistent Asthma who had a Ratio of Controller Medications to Total Asthma Medications of 0.50 or Greater, as Submitted by States for the FFY 2018 Adult Core Set Report (n = 29 states)

			Denominator			Rate		
			Ages 19-50	Ages 51-64	Total (Ages 19-64)	Ages 19-50	Ages 51-64	Total (Ages 19-64)
State	Population	Methodology						
State Mean						51.9	55.0	52.9
State Median						52.8	55.1	53.1
Alabama	Medicaid	Administrative	996	370	1,366	61.4	59.2	60.8
Arkansas	Medicaid; CHIP; Dual Eligibles	Administrative	586	157	743	38.9	35.7	38.2
California	Medicaid	Administrative	38,266	20,295	58,561	53.2	59.3	55.3
Connecticut	Medicaid; CHIP	Administrative	7,351	2,862	10,213	69.5	71.1	70.0
Delaware	Medicaid	Administrative	480	155	635	48.1	55.5	49.9
Dist. of Col.	Medicaid; CHIP; Dual Eligibles	Administrative	1,088	363	1,451	53.7	65.3	56.6
Florida	Medicaid; CHIP	Administrative	4,658	NR	NR	47.9	NR	NR
Iowa	Medicaid	Administrative	4,773	1,244	6,017	35.8	32.6	35.2
Kansas	Medicaid; Dual Eligibles	Administrative	1,041	241	1,282	54.0	52.7	53.7
Kentucky	Medicaid; Dual Eligibles	Administrative	NR	NR	9,185	NR	NR	53.3
Louisiana	Medicaid; CHIP	Administrative	3,203	1,128	4,331	51.8	54.3	52.4
Massachusetts	Medicaid	Administrative	6,527	3,073	9,600	48.4	60.1	52.2
Mississippi	Medicaid	Administrative	680	261	941	45.0	42.9	44.4
Missouri	Medicaid; CHIP	Administrative	1,869	310	2,179	56.8	65.2	58.0
New Hampshire	Medicaid	Administrative	405	113	518	56.0	69.0	58.9
New Jersey	Medicaid; CHIP	Administrative	7,189	3,604	10,793	52.1	55.1	53.1
New Mexico	Medicaid	Administrative	2,738	1,097	3,835	46.5	54.1	48.6
New York	Medicaid	Administrative	31,473	17,047	48,520	56.7	58.8	57.4
North Carolina	Medicaid	Administrative	5,377	1,386	6,763	52.1	50.1	51.7
Ohio	Medicaid; CHIP	Administrative	14,723	4,632	19,355	53.8	55.7	54.3
Oklahoma	Medicaid; Dual Eligibles	Administrative	1,370	728	2,098	52.1	54.5	53.0
Pennsylvania	Medicaid	Administrative	15,347	5,541	20,888	57.8	61.2	58.7
South Carolina	Medicaid; CHIP	Administrative	1,786	505	2,291	54.3	58.2	55.1
Tennessee	Medicaid	Administrative	4,824	866	5,690	49.2	47.5	49.0
Texas	Medicaid	Administrative	5,164	2,684	7,848	54.2	50.0	52.7
Utah	Medicaid; Dual Eligibles	Administrative	417	154	571	52.5	52.6	52.5
Vermont	Medicaid; CHIP	Administrative	1,173	339	1,512	53.1	61.1	54.9
Virginia	Medicaid; CHIP	Administrative	NR	NR	NR	53.2	50.1	NR
Washington	Medicaid	Administrative	6,670	2,639	9,309	46.1	53.3	48.2

Source: Mathematica analysis of MACPro reports for the FFY 2018 reporting cycle. More information on the Adult Core Set is available at <https://www.medicaid.gov/medicaid/quality-of-care/performance-measurement/adult-and-child-health-care-quality-measures/adult-core-set/index.html>.

Notes: This measure identifies the percentage of adults ages 19 to 64 with persistent asthma who had a ratio of controller medications to total asthma medications of 0.50 or greater during the measurement year.

The term "states" includes the 50 states and the District of Columbia.

Means are calculated as the unweighted average of all state rates.

Table AMR-AD (continued)

Unless otherwise specified, states used Adult Core Set specifications, based on National Committee for Quality Assurance 2018 specifications.

Unless otherwise specified, the measurement period for this measure was January 1, 2016 to December 31, 2017. IA reported data for CY 2017.

The Adult Core Set specifications include guidance for calculating this measure using the administrative method. Unless otherwise specified, the administrative data source is the state's MMIS and/or data submitted by managed care plans, including behavioral health plans.

Denominators are assumed to be the measure-eligible population for states using the administrative method. Some states reported exclusions from the denominator, as noted in the state-specific comments below.

AHRQ = Agency for Healthcare Research and Quality; CCO = Coordinated Care Organization; CHIP = Children's Health Insurance Program; CMS = Centers for Medicare & Medicaid Services; CY = Calendar Year; ED = Emergency Department; EHR = Electronic Health Record; EQRO = External Quality Review Organization; FFS = Fee for Service; FFY = Federal Fiscal Year; HEDIS = Healthcare Effectiveness Data and Information Set; HMO = Health Maintenance Organization; ICD = International Classification of Diseases; LOINC = Logical Observation Identifiers Names and Codes; MACPro = Medicaid and CHIP Program System; MCO = Managed Care Organization; MMIS = Medicaid Management Information System; NCQA = National Committee for Quality Assurance; NR = Not Reported; PCCM = Primary Care Case Management; PCP = Primary Care Practitioner.

State-Specific Comments:

AL:	Rates include FFS and PCCM populations. Rates exclude Medicare-Medicaid Dual Eligibles.
AR:	Rates include FFS and PCCM populations. Rates were audited by the state's data contractor.
CA:	Rates include FFS and managed care populations (24 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
CT:	Rates include FFS population. Rates exclude Medicare-Medicaid Dual Eligibles. Rates were audited by a certified HEDIS auditor.
DE:	Rates include managed care population (1 MCO), representing 72 percent of the population. Rates exclude FFS population and enrollees in one MCO, representing 28 percent of the population, and Medicare-Medicaid Dual Eligibles.
DC:	Rates include managed care population (3 MCOs), representing 50 percent of the population. Rates exclude FFS population and enrollees in one MCO, representing 50 percent of the population. MCO rates were audited by certified HEDIS auditors.
FL:	Rate includes FFS, PCCM, and managed care populations (21 MCOs). Rate excludes Medicare-Medicaid Dual Eligibles. State was not able to report the Ages 51-64 or Total rates for FFY 2018.
IA:	Rates include FFS and managed care populations (3 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
KS:	Rates include managed care population (3 MCOs).
KY:	Rate includes managed care population (5 MCOs), representing 90 percent of the population. Rate excludes FFS population, representing 10 percent of the population. State was not able to report the Ages 19-50 or Ages 51-64 rates for FFY 2018. Rate was validated by the state's EQRO.
LA:	Rates include FFS and managed care populations (5 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. Rates were calculated using HEDIS-certified code and the state conducted an internal validation of the data.
MA:	Rates include PCCM and managed care populations (5 MCOs), representing 63 percent of the population. Rates exclude FFS population, representing 37 percent of the population, but most FFS beneficiaries would not be eligible for the measure, including beneficiaries who have other insurance (commercial or Medicare), reside in a long-term care institution, or receive limited or temporary Medicaid benefits.
MS:	Rates include managed care population (2 MCOs), representing 64 percent of the population. Rates exclude FFS population, representing 36 percent of the population, and Medicare-Medicaid Dual Eligibles.
MO:	Rates include FFS and managed care populations (3 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
NH:	Rates include managed care population (2 MCOs), representing 85 percent of the population. Rates exclude FFS population, representing 15 percent of the population, and Medicare-Medicaid Dual Eligibles. MCO rates were audited by certified HEDIS auditors.
NJ:	Rates include managed care population (5 MCOs), representing 91 percent of the population. Rates exclude FFS population, representing 9 percent of the population, and Medicare-Medicaid Dual Eligibles.
NM:	Rates include managed care population (4 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. MCO rates were audited by certified HEDIS auditors.
NY:	Rates include FFS and managed care populations (69 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. State conducted an internal validation of the data.

Table AMR-AD (continued)

NC:	Rates include FFS and PCCM populations. Rates exclude Medicare-Medicaid Dual Eligibles. Rates were validated by an NCQA-certified vendor.
OH:	Rates include managed care population (5 MCOs), representing 82 percent of the population. Rates exclude FFS population, representing 18 percent of the population, and Medicare-Medicaid Dual Eligibles. MCO rates were audited by a certified HEDIS auditor.
OK:	Rates include FFS and PCCM populations. Rates exclude home- and community-based services waiver enrollees.
PA:	Rates include managed care population (9 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. Data were submitted by MCOs and compiled by the state's EQRO.
SC:	Rates include managed care population (5 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
TN:	Rates include managed care population (4 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. Rates were validated by the state's EQRO.
TX:	Rates include FFS and managed care populations (34 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. Rates were validated by the state's EQRO.
UT:	Rates include managed care population (4 MCOs), representing 75 percent of the population. Rates exclude FFS population, representing 25 percent of the population. MCO rates were audited by certified HEDIS auditors.
VT:	Rates include statewide 1115 waiver population enrolled in a public non-risk prepaid inpatient health plan population, representing the total Medicaid population. Rates exclude Medicare-Medicaid Dual Eligibles.
VA:	Rates include managed care population (6 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. State was not able to report the Total rate for FFY 2018. State obtained rates from the NCQA Quality Compass and denominators are not available.
WA:	Rates include managed care population (5 MCOs), representing 87 percent of the population. Rates exclude FFS population, representing 13 percent of the population, and Medicare-Medicaid Dual Eligibles. Rates also exclude managed care populations who met the continuous eligibility requirement for Medicaid or CHIP but who were not enrolled in a single plan during the continuous enrollment period. Rates were audited by the state's EQRO.