

Table IET-AD. Percentage of Adults Age 18 and Older with a New Episode of Alcohol or Other Drug Dependence who: (1) Initiated Treatment within 14 Days, and (2) Initiated Treatment and Had Two or More Additional Services within 34 Days of the Initiation Visit, as Submitted by States for the FFY 2018 Adult Core Set Report (n = 34 states)

State	Population	Methodology	Alcohol Abuse or Dependence		
			Denominator	Initiation	Engagement
State Mean				38.9	12.1
State Median				38.8	11.6
States Reporting Ages 18 to 64 (n=24)					
Alabama	Medicaid	Administrative	3,505	39.9	3.8
Arizona	Medicaid; Dual Eligibles	Administrative	6,173	57.2	21.0
California	Medicaid	Administrative	81,814	28.2	5.3
Delaware	Medicaid; Dual Eligibles	Administrative	1,137	42.1	15.0
Illinois	Medicaid; CHIP	Administrative	35,457	32.4	8.9
Iowa	Medicaid	Administrative	11,388	34.9	20.2
Louisiana	Medicaid; CHIP	Administrative	12,053	38.6	10.6
Maryland	Medicaid; CHIP	Administrative	22,834	29.4	18.8
Massachusetts	Medicaid; Dual Eligibles	Administrative	15,816	40.9	14.2
Mississippi	Medicaid	Administrative	1,967	44.0	4.3
Missouri	Medicaid; CHIP	Administrative	6,014	40.1	11.4
Nevada	Medicaid	Administrative	4,532	39.2	9.3
New Hampshire	Medicaid	Administrative	797	38.9	13.8
New York	Medicaid	Administrative	59,308	41.7	15.8
North Carolina	Medicaid	Administrative	12,146	38.3	11.7
Oklahoma	Medicaid; Dual Eligibles	Administrative	3,219	35.6	5.5
Oregon	Medicaid; Dual Eligibles	Administrative	4,358	39.0	14.8
Pennsylvania	Medicaid	Administrative	20,146	30.8	22.3
South Carolina	Medicaid; CHIP	Administrative	3,919	35.4	9.4
South Dakota	Medicaid; CHIP; Dual Eligibles	Administrative	1,074	38.6	4.4
Vermont	Medicaid; CHIP	Administrative	2,408	38.3	16.6
Washington	Medicaid; Dual Eligibles	Administrative	20,137	27.9	6.4
West Virginia	Medicaid; Dual Eligibles	Administrative	7,560	36.9	15.6
Wisconsin	Medicaid	Administrative	7,084	39.9	14.4
States Reporting Other Ages (n=10)					
Connecticut	Medicaid; CHIP	Administrative	13,859	44.7	26.1
Florida	Medicaid	Administrative	13,262	44.7	4.8
Hawaii	Medicaid; Dual Eligibles	Administrative	NR	NR	NR
Kansas	Medicaid; Dual Eligibles	Administrative	2,258	37.9	8.8
Kentucky	Medicaid; Dual Eligibles	Administrative	11,580	37.7	10.3
New Mexico	Medicaid	Administrative	11,517	37.9	12.3
Ohio	Medicaid; CHIP	Administrative	31,177	47.4	13.1
Rhode Island	Medicaid; CHIP	Administrative	NR	NR	NR
Tennessee	Medicaid	Administrative	8,780	45.3	11.1
Texas	Medicaid	Administrative	12,062	41.2	6.5

Table IET-AD (continued)

Table IET-AD. Percentage of Adults Age 18 and Older with a New Episode of Alcohol or Other Drug Dependence who: (1) Initiated Treatment within 14 Days, and (2) Initiated Treatment and Had Two or More Additional Services within 34 Days of the Initiation Visit, as Submitted by States for the FFY 2018 Adult Core Set Report (n = 34 states), continued

State	Population	Methodology	Opioid Abuse or Dependence		
			Denominator	Initiation	Engagement
State Mean				47.3	24.4
State Median				46.3	25.4
States Reporting Ages 18 to 64 (n=24)					
Alabama	Medicaid	Administrative	2,525	36.3	4.4
Arizona	Medicaid; Dual Eligibles	Administrative	5,252	70.8	36.5
California	Medicaid	Administrative	24,879	37.9	12.6
Delaware	Medicaid; Dual Eligibles	Administrative	1,989	44.4	29.4
Illinois	Medicaid; CHIP	Administrative	17,875	41.4	18.1
Iowa	Medicaid	Administrative	4,443	37.2	29.1
Louisiana	Medicaid; CHIP	Administrative	6,378	54.4	24.4
Maryland	Medicaid; CHIP	Administrative	33,595	38.9	29.2
Massachusetts	Medicaid; Dual Eligibles	Administrative	10,190	62.2	37.7
Mississippi	Medicaid	Administrative	1,885	26.0	10.1
Missouri	Medicaid; CHIP	Administrative	3,168	58.2	28.3
Nevada	Medicaid	Administrative	2,501	43.7	14.6
New Hampshire	Medicaid	Administrative	698	49.6	34.5
New York	Medicaid	Administrative	24,562	56.8	34.7
North Carolina	Medicaid	Administrative	11,132	39.8	21.3
Oklahoma	Medicaid; Dual Eligibles	Administrative	3,198	36.1	5.9
Oregon	Medicaid; Dual Eligibles	Administrative	2,060	45.0	14.5
Pennsylvania	Medicaid	Administrative	29,216	52.6	47.6
South Carolina	Medicaid; CHIP	Administrative	1,992	46.3	20.7
South Dakota	Medicaid; CHIP; Dual Eligibles	Administrative	173	32.4	6.4
Vermont	Medicaid; CHIP	Administrative	1,744	61.5	43.5
Washington	Medicaid; Dual Eligibles	Administrative	13,644	40.4	16.1
West Virginia	Medicaid; Dual Eligibles	Administrative	10,823	58.0	40.8
Wisconsin	Medicaid	Administrative	3,042	52.1	30.3
States Reporting Other Ages (n=10)					
Connecticut	Medicaid; CHIP	Administrative	6,503	57.4	38.1
Florida	Medicaid	Administrative	8,903	48.1	11.8
Hawaii	Medicaid; Dual Eligibles	Administrative	NR	NR	NR
Kansas	Medicaid; Dual Eligibles	Administrative	1,101	36.1	10.5
Kentucky	Medicaid; Dual Eligibles	Administrative	16,468	56.6	37.2
New Mexico	Medicaid	Administrative	6,143	47.5	26.3
Ohio	Medicaid; CHIP	Administrative	23,452	62.0	36.5
Rhode Island	Medicaid; CHIP	Administrative	NR	NR	NR
Tennessee	Medicaid	Administrative	10,825	46.2	18.1
Texas	Medicaid	Administrative	5,143	37.3	11.0

Table IET-AD (continued)

Table IET-AD. Percentage of Adults Age 18 and Older with a New Episode of Alcohol or Other Drug Dependence who: (1) Initiated Treatment within 14 Days, and (2) Initiated Treatment and Had Two or More Additional Services within 34 Days of the Initiation Visit, as Submitted by States for the FFY 2018 Adult Core Set Report (n = 34 states), continued

State	Population	Methodology	Other Drug Abuse or Dependence		
			Denominator	Initiation	Engagement
State Mean				38.6	12.1
State Median				38.5	11.2
States Reporting Ages 18 to 64 (n=24)					
Alabama	Medicaid	Administrative	6,003	40.9	3.9
Arizona	Medicaid; Dual Eligibles	Administrative	8,940	55.1	23.7
California	Medicaid	Administrative	116,930	33.6	8.7
Delaware	Medicaid; Dual Eligibles	Administrative	1,224	40.4	11.7
Illinois	Medicaid; CHIP	Administrative	34,967	36.1	11.2
Iowa	Medicaid	Administrative	15,441	37.0	15.3
Louisiana	Medicaid; CHIP	Administrative	22,379	43.3	13.5
Maryland	Medicaid; CHIP	Administrative	25,567	23.3	14.4
Massachusetts	Medicaid; Dual Eligibles	Administrative	12,872	37.3	10.4
Mississippi	Medicaid	Administrative	3,701	40.9	7.0
Missouri	Medicaid; CHIP	Administrative	10,782	44.6	15.1
Nevada	Medicaid	Administrative	7,423	39.2	8.6
New Hampshire	Medicaid	Administrative	737	33.5	10.9
New York	Medicaid	Administrative	65,064	48.9	20.5
North Carolina	Medicaid	Administrative	19,401	34.1	8.8
Oklahoma	Medicaid; Dual Eligibles	Administrative	2,179	35.9	5.4
Oregon	Medicaid; Dual Eligibles	Administrative	4,011	35.0	13.0
Pennsylvania	Medicaid	Administrative	22,962	38.0	26.8
South Carolina	Medicaid; CHIP	Administrative	6,182	33.8	11.7
South Dakota	Medicaid; CHIP; Dual Eligibles	Administrative	715	39.9	7.0
Vermont	Medicaid; CHIP	Administrative	1,503	37.8	11.9
Washington	Medicaid; Dual Eligibles	Administrative	26,970	28.0	6.2
West Virginia	Medicaid; Dual Eligibles	Administrative	10,855	31.3	10.1
Wisconsin	Medicaid	Administrative	6,613	38.9	11.1
States Reporting Other Ages (n=10)					
Connecticut	Medicaid; CHIP	Administrative	15,279	48.0	29.4
Florida	Medicaid	Administrative	23,787	40.9	4.9
Hawaii	Medicaid; Dual Eligibles	Administrative	NR	NR	NR
Kansas	Medicaid; Dual Eligibles	Administrative	4,906	34.4	10.9
Kentucky	Medicaid; Dual Eligibles	Administrative	21,473	36.3	9.7
New Mexico	Medicaid	Administrative	11,483	40.4	11.4
Ohio	Medicaid; CHIP	Administrative	40,205	47.6	12.9
Rhode Island	Medicaid; CHIP	Administrative	NR	NR	NR
Tennessee	Medicaid	Administrative	18,187	42.8	11.9
Texas	Medicaid	Administrative	25,017	39.0	8.3

Table IET-AD (continued)

Table IET-AD. Percentage of Adults Age 18 and Older with a New Episode of Alcohol or Other Drug Abuse or Dependence who: (1) Initiated Treatment within 14 Days, and (2) Initiated Treatment and Had Two or More Additional Services within 34 Days of the Initiation Visit, as Submitted by States for the FFY 2018 Adult Core Set Report (n = 34 states), continued

State	Population	Methodology	Total AOD Abuse or Dependence		
			Denominator	Initiation	Engagement
State Mean				40.4	15.6
State Median				40.0	14.5
States Reporting Ages 18 to 64 (n=24)					
Alabama	Medicaid	Administrative	10,608	38.8	4.4
Arizona	Medicaid; Dual Eligibles	Administrative	18,870	59.1	27.5
California	Medicaid	Administrative	207,087	31.2	8.0
Delaware	Medicaid; Dual Eligibles	Administrative	3,896	40.8	20.8
Illinois	Medicaid; CHIP	Administrative	78,411	40.0	13.1
Iowa	Medicaid	Administrative	22,755	34.2	19.2
Louisiana	Medicaid; CHIP	Administrative	37,132	44.2	13.7
Maryland	Medicaid; CHIP	Administrative	81,996	31.4	21.7
Massachusetts	Medicaid; Dual Eligibles	Administrative	35,493	44.7	19.6
Mississippi	Medicaid	Administrative	6,847	35.3	7.3
Missouri	Medicaid; CHIP	Administrative	18,175	44.5	15.6
Nevada	Medicaid	Administrative	13,313	39.4	9.9
New Hampshire	Medicaid	Administrative	2,030	40.2	19.6
New York	Medicaid	Administrative	129,406	45.5	19.9
North Carolina	Medicaid	Administrative	39,508	36.2	13.2
Oklahoma	Medicaid; Dual Eligibles	Administrative	8,489	35.9	5.6
Oregon	Medicaid; Dual Eligibles	Administrative	10,429	38.6	14.0
Pennsylvania	Medicaid	Administrative	66,459	41.1	33.7
South Carolina	Medicaid; CHIP	Administrative	10,461	35.2	11.5
South Dakota	Medicaid; CHIP; Dual Eligibles	Administrative	1,808	37.2	4.9
Vermont	Medicaid; CHIP	Administrative	5,151	44.8	24.4
Washington	Medicaid; Dual Eligibles	Administrative	53,273	30.4	8.4
West Virginia	Medicaid; Dual Eligibles	Administrative	21,773	42.9	24.6
Wisconsin	Medicaid	Administrative	15,132	40.0	15.8
States Reporting Other Ages (n=10)					
Connecticut	Medicaid; CHIP	Administrative	29,955	48.0	29.4
Florida	Medicaid	Administrative	42,125	41.7	6.5
Hawaii	Medicaid; Dual Eligibles	Administrative	9,832	39.7	13.3
Kansas	Medicaid; Dual Eligibles	Administrative	7,759	34.7	10.4
Kentucky	Medicaid; Dual Eligibles	Administrative	44,672	42.7	19.4
New Mexico	Medicaid	Administrative	26,523	39.8	14.9
Ohio	Medicaid; CHIP	Administrative	84,237	50.0	19.0
Rhode Island	Medicaid; CHIP	Administrative	9,241	43.7	18.7
Tennessee	Medicaid	Administrative	33,202	41.7	12.9
Texas	Medicaid	Administrative	38,560	38.4	8.2

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 age 18 and older with a new episode of alcohol or other drug (AOD) abuse or dependence who: (1) initiated treatment through an inpatient AOD admission, outpatient visit, intensive outpatient encounter, partial hospitalization, telehealth, or medication assisted treatment (MAT) within 14 days of the diagnosis (initiation rate), and (2) initiated treatment and had two or more additional services AOD services or MAT within 34 days of the initiation visit (engagement rate). Specifications for this measure changed substantially for FFY 2018 and rates are not comparable with rates reported for previous years.

Table IET-AD (continued)

The term “states” includes the 50 states and the District of Columbia.

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

Unless otherwise specified, states used Adult Core Set specifications, based on National Committee for Quality Assurance 2018 specifications. The following state used National Committee for Quality Assurance 2017 specifications: NV.

Unless otherwise specified, the measurement period for this measure was January 1, 2017 to November 30, 2017. AZ reported data for FFY 2016.

Unless otherwise specified, rates displayed in this table reflect state reporting for Medicaid beneficiaries ages 18 to 64. CT, FL, KS, KY, NM, OH, RI, TN and TX reported results for age 18 and older. HI reported results for age 13 and older.

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; CMO = Care Management Organization; 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.
- AZ: Rates include managed care population (3 MCOs), representing 78 percent of the population. Rates exclude FFS population, seriously mentally ill population, Children’s Rehabilitative Services (CRS) population, and state long-term care elderly, physically, or developmentally disabled population, representing 22 percent of the population.
- CA: Rates include FFS and managed care populations (26 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
- CT: Rates include FFS population age 18 and older. 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.
- FL: Rates include managed care population (17 MCOs) age 18 and older, representing 67 percent of the population. Rates exclude FFS population, representing 33 percent of the population, and Medicare-Medicaid Dual Eligibles. MCO rates were audited by a certified HEDIS auditor.
- HI: Rates include managed care population (5 MCOs) age 13 and older. State was unable to report separate rates for Alcohol Abuse or Dependence, Opioid Abuse or Dependence and other Drug Abuse or Dependence for FFY 2018. Rates were validated by the state’s EQRO.
- IL: Rates include FFS, PCCM, and managed care populations (13 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. Rates were validated by the state’s EQRO.
- IA: Rates include FFS and managed care populations (3 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. State did not allow for multiple engagement visits on the same day in calculation of Engagement rates.
- KS: Rates include managed care population (3 MCOs) age 18 and older.
- KY: Rates include managed care population (5 MCOs) age 18 and older, representing 90 percent of the population. Rates exclude FFS population, representing 10 percent of the population. Rates were 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.

Table IET-AD (continued)

MD:	Rates include managed care population (8 MCOs), representing 83 percent of the population. Rates exclude FFS population, representing 17 percent of the population, and Medicare-Medicaid Dual Eligibles.
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, 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.
NV:	Rates include managed care population (3 MCOs). Rates exclude FFS population and Medicare-Medicaid Dual Eligibles.
NH:	Rates include managed care population (2 MCOs), representing 86 percent of the population. Rates exclude FFS population, representing 14 percent of the population, and Medicare-Medicaid Dual Eligibles. MCO rates were audited by certified HEDIS auditors.
NM:	Rates include managed care population (4 MCOs) age 18 and older. Rates exclude Medicare-Medicaid Dual Eligibles. MCO rates were audited by certified HEDIS auditors.
NY:	Rates include FFS and managed care populations (61 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles. State conducted an internal validation of the data.
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) age 18 and older, 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.
OR:	Rates include managed care population (16 CCOs), representing 82 percent of the population. Rates exclude FFS population, representing 18 percent of the population.
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.
RI:	Rates include managed care population (2 MCOs) age 18 and older, representing 91 percent of the population. Rates exclude FFS population, representing 9 percent of the population, and Medicare-Medicaid Dual Eligibles. State was unable to report separate rates for Alcohol Abuse or Dependence, Opioid Abuse or Dependence and other Drug Abuse or Dependence for FFY 2018.
SC:	Rates include managed care population (5 MCOs). Rates exclude Medicare-Medicaid Dual Eligibles.
SD:	Rates include FFS population. State attributes low engagement rates to substance use treatment services being limited to pregnant women in the state's adult Medicaid population during the measurement year.
TN:	Rates include managed care population (4 MCOs) age 18 and older. Rates exclude Medicare-Medicaid Dual Eligibles. Rate was validated by the state's EQRO.
TX:	Rates include FFS and managed care populations (34 MCOs) age 18 and older. Rates exclude Medicare-Medicaid Dual Eligibles. Rates were validated by the state's EQRO.
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. State modified measure to reflect that state Medicaid agency pays for substance abuse treatment services as a monthly unit of bundled treatment services. Rates include residential substance abuse treatment as initiation or engagement events where appropriate following the HEDIS specifications for sub-acute inpatient care. When the residential substance abuse treatment is the index, both index and initiation dates are set as the last day of residential substance abuse treatment. If there is no gap in services, the next month is counted as engagement. Rates were validated by the state's EQRO.
WA:	Rates include FFS and managed care populations (5 MCOs).
WV:	Rates include FFS and managed care populations (4 MCOs). Numerators only include events on separate dates of service because the state is unable to determine if visits on the same day are with different providers, as required by the specifications. The chemical dependency benefit is excluded from the denominator criteria. Rates include paid claims only.
WI:	Rates include managed care population (19 MCOs), representing 54 percent of the population. Rates exclude FFS population, representing 46 percent of the population, and Medicare-Medicaid Dual Eligibles.