

Support Act §1003 Current State Assessment Report 3: Variations in Utilization of Substance Use Disorder Treatment Modalities

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IN SEPTEMBER 2019, the Centers for Medicare and Medicaid Services (CMS) awarded the Washington State Health Care Authority (HCA) \$3.8 million under the §1003 SUPPORT ACT.¹ Under this Phase 1 Planning Grant, HCA is developing an implementation strategy for improving treatment and recovery services, including developing an alternative payment model for SUD treatment and recovery services.² An understanding of the current utilization of behavioral health treatment and recovery support services is crucial to identifying both strengths and gaps in the existing behavioral health system in Washington. A current state assessment was conducted to gain insight into the prevalence of substance use disorder (SUD) diagnoses, utilization of treatment services, and physical health and social outcomes among Medicaid beneficiaries with behavioral health diagnoses. The SUPPORT ACT is primarily focused on the experience of all Medicaid beneficiaries with SUDs and opioid use disorders (OUDs). However, it also identifies target populations, such as pregnant and postpartum women, and persons experiencing homelessness, which are included as populations of interest in the current state assessment. The current state assessment consists of four reports, each addressing a core question about existing behavioral health treatment and recovery support services in Washington.

PRIOR REPORTS:

- *What is the prevalence of substance use disorder and opioid use disorder among Medicaid beneficiaries? Does the prevalence vary across the Medicaid population?* (See Report 9.119-1)
- *What is the treatment penetration rate for behavioral health treatment? Does the rate vary across the Medicaid population?* (See Report 9.119-2)

THIS REPORT:

- *What types of substance use disorder treatment services are Medicaid beneficiaries using? Does treatment utilization vary across the Medicaid population?*

SUBSEQUENT REPORT:

- *How do physical health and social outcomes differ among Medicaid beneficiaries with different types of behavioral health treatment needs?* (See Report 9.119-4)

In this report, we sought to identify and describe patterns of treatment utilization for Medicaid beneficiaries with an identified SUD or OUD treatment need in Washington State. We conducted a retrospective, cross-sectional by year analysis of Washington State Medicaid claims and encounter data across three state fiscal years (SFY) 2017-2019 (July 2016-June 2019).

¹ More information about the CMS §1003 SUPPORT ACT grant can be found at: <https://www.medicaid.gov/medicaid/benefits/behavioral-health-services/substance-use-disorder-prevention-promotes-opioid-recovery-and-treatment-for-patients-and-communities-support-act-section-1003/index.html>.

² More information about the SUPPORT ACT implementation in Washington can be found at: <https://www.hca.wa.gov/about-hca/apple-health-medicaid/support-act>.

For each year, we report utilization rates of five treatment modalities: outpatient, inpatient/residential, buprenorphine (with and without naloxone), naltrexone, and methadone. We further report utilization rates by SUPPORT ACT populations of interest, Integrated Managed Care (IMC) regions, and county. Utilization of treatment increased across all five modalities studied for Medicaid beneficiaries with an identified SUD treatment need.

These analyses showed several important trends in utilization rates of the treatment modalities. For all Medicaid beneficiaries with an OUD treatment need, there was a 94 percent increase in buprenorphine (with and without naloxone) use (up from 17 percent to 33 percent) from SFY 2017 to SFY 2019. Adolescents saw a nearly 700 percent increase in buprenorphine use (up to 8 percent from 1 percent), and persons involved with the criminal justice system had a 135 percent increase (up to 40 percent from 17 percent). Pregnant and postpartum women had the highest overall use of buprenorphine out of all target populations.

Data and Methods

To understand the variation in utilization of behavioral health treatment modalities for Washington State Medicaid beneficiaries with SUD and OUD treatment needs, we conducted retrospective (by year), cross-sectional analyses of Washington State administrative data. All data were drawn from the Department of Social and Health Service's Integrated Client Database (ICDB). The ICDB contains data from several state administrative data systems, including the state's ProviderOne data system that contains Medicaid claims and encounter data.³

The population of focus for these analyses was adult (ages 18-64) and youth (ages 0-17) Medicaid beneficiaries with an identified SUD or OUD treatment need. We excluded Medicaid beneficiaries with a non-Medicaid primary health care coverage (also referred to as third-party liability) and those dually enrolled in Medicaid and Medicare from the analytical sample, as complete health care information may not be available for these individuals. Medicaid beneficiaries with a SUD or OUD⁴ diagnosis are the primary focus of the SUPPORT ACT. Additionally, Washington's SUPPORT ACT Phase 1 planning grant identifies seven sub-populations of interest:

- Pregnant and postpartum women.
- Adolescents age 13 to 18.
- Transition Age Young Adults (TAYA) age 16 to 25.
- Persons who receive services at Syringe Services Programs.
- American Indian and Alaska Natives (AI/AN).
- Justice system-involved persons.
- Individuals experiencing homelessness or unstable housing.

It is important to note that in order to protect client confidentiality, records of services provided at Syringe Services Programs are not captured by state administrative data systems. Thus, individuals who utilize Syringe Services Programs are not included as a specific target population in these analyses. We categorized individuals experiencing homelessness or housing instability into two groups: "homeless" comprises a narrow definition of homelessness (e.g. unsheltered persons), and "unsheltered" which takes a broader view of housing instability and includes persons experiencing either homelessness (as in the "homeless" definition above) or housing instability (e.g. couch surfing, living in vehicle). Further detail pertaining to target population definition criteria are included in the Technical Notes section at the end of this report. To capture geographic attribution, we defined county as the beneficiary's county of residence for the majority of the measurement year. Based on county of residence, Medicaid beneficiaries were attributed to an Integrated Managed Care (IMC) region.

³ See, [DSHS Integrated Client Databases](#), DSHS Research and Data Analysis Division, Mancuso, March 2020.

⁴ Medicaid beneficiaries with OUD are a subset of Medicaid beneficiaries with SUD.

TABLE 1.

Trends in Statewide Substance Use Disorder Treatment Modalities for Medicaid Beneficiaries with SUD or OUD Treatment Need

SFY 2017 – SFY 2019

	SFY 2017		SFY 2018		SFY 2019	
	Number Who Received Treatment	Percent Who Received Treatment	Number Who Received Treatment	Percent Who Received Treatment	Number Who Received Treatment	Percent Who Received Treatment
Substance Use Disorder	TOTAL = 143,945		TOTAL = 136,537		TOTAL = 136,220	
Outpatient	32,071	22%	31,622	23%	34,736	26%
Inpatient	8,280	6%	7,984	6%	8,708	6%
Buprenorphine	8,206	6%	12,707	9%	17,329	13%
Naltrexone	2,231	2%	3,684	3%	4,376	3%
Methadone	8,532	6%	8,873	7%	9,555	7%
Opioid Use Disorder	TOTAL = 49,433		TOTAL = 50,354		TOTAL = 52,610	
Outpatient	16,204	33%	16,909	34%	20,034	38%
Inpatient	4,708	10%	4,797	10%	5,468	10%
Buprenorphine	8,198	17%	12,697	25%	17,318	33%
Naltrexone	2,230	5%	3,681	7%	4,374	8%
Methadone	8,527	17%	8,868	18%	9,549	18%

Utilization of Substance Use Disorder Treatment Modalities

Overall, utilization of most treatment modalities for SUD and OUD increased over state fiscal years 2017 through 2019 (Table 1, above). Inpatient treatment was the exception to this trend; rates of inpatient treatment for both SUD and OUD remained stable across the study period.

The magnitude of change in treatment utilization varies among different populations of Medicaid beneficiaries. Table 2 shows the distribution of outpatient, inpatient/residential, Buprenorphine (with and without Naloxone), Naltrexone, and Methadone⁵ utilization across time, across sub-populations, and by SUD or OUD treatment need. It is important to note that when interpreting these utilization rates, the categories are not mutually exclusive.

Medicaid beneficiaries with an OUD treatment need are included in the broader SUD treatment need category. Additionally, an individual may have received more than one type of treatment modality or all types of treatment modalities within the fiscal year. The total number of individuals with a substance use disorder treatment need and/or an opioid use disorder treatment need by target population, county, and integrated managed care region can be found in Appendix table A1.

⁵ Opioid substitution treatment programs (OTP) are not located in every county in Washington. A complete list of OTPs can be found at <https://www.hca.wa.gov/assets/free-or-low-cost/opioid-treatment-programs.pdf>.

TABLE 2.

Trends in Substance Use Disorder Treatment Modalities for Medicaid Beneficiaries with SUD or OUD Treatment Need

SFY 2017 – SFY 2019

	Percent with a SUD Treatment Need Who Received Type of Treatment			Percent with an OUD Treatment Need Who Received Type of Treatment		
	SFY 2017	SFY 2018	SFY 2019	SFY 2017	SFY 2018	SFY 2019
Outpatient Treatment						
<i>All Washington Medicaid Beneficiaries</i>	22%	23%	26%	33%	34%	38%
Pregnant and Postpartum Women	25%	25%	29%	44%	44%	50%
Adolescents (Age 13 to 18)	31%	32%	30%	33%	38%	44%
TAYA (Age 16 to 25)	24%	24%	25%	39%	38%	42%
American Indian or Alaskan Native	35%	35%	36%	52%	50%	52%
Justice System-Involved Persons	36%	36%	40%	42%	41%	46%
Individuals Experiencing Homelessness	28%	30%	33%	40%	40%	43%
Individuals with Unstable Housing	28%	29%	33%	40%	40%	45%
Inpatient/Residential Treatment						
<i>All Washington Medicaid Beneficiaries</i>	6%	6%	6%	10%	10%	10%
Pregnant and Postpartum Women	6%	5%	6%	11%	10%	12%
Adolescents (Age 13 to 18)	6%	6%	5%	21%	22%	25%
TAYA (Age 16 to 25)	6%	6%	6%	17%	16%	17%
American Indian or Alaskan Native	10%	7%	10%	14%	10%	16%
Justice System-Involved Persons	12%	12%	13%	17%	17%	17%
Individuals Experiencing Homelessness	10%	10%	12%	15%	15%	16%
Individuals with Unstable Housing	10%	10%	11%	15%	15%	15%
Buprenorphine						
<i>All Washington Medicaid Beneficiaries</i>	6%	9%	13%	17%	25%	33%
Pregnant and Postpartum Women	9%	12%	15%	25%	34%	40%
Adolescents (Age 13 to 18)	<1%	<1%	<1%	1%	4%	8%
TAYA (Age 16 to 25)	4%	6%	7%	16%	26%	35%
American Indian or Alaskan Native	7%	10%	14%	18%	26%	32%
Justice System-Involved Persons	7%	13%	20%	17%	29%	40%
Individuals Experiencing Homelessness	7%	13%	18%	15%	27%	36%
Individuals with Unstable Housing	7%	13%	18%	17%	28%	38%
Naltrexone						
<i>All Washington Medicaid Beneficiaries</i>	2%	3%	3%	5%	7%	8%
Pregnant and Postpartum Women	1%	1%	2%	3%	4%	5%
Adolescents (Age 13 to 18)	<1%	<1%	<1%	2%	3%	5%
TAYA (Age 16 to 25)	1%	1%	2%	3%	6%	7%
American Indian or Alaskan Native	2%	3%	4%	6%	7%	9%
Justice System-Involved Persons	2%	4%	4%	4%	8%	9%
Individuals Experiencing Homelessness	2%	3%	4%	4%	7%	7%
Individuals with Unstable Housing	2%	3%	4%	4%	7%	8%

	Percent with a SUD Treatment Need Who Received Type of Treatment			Percent with an OUD Treatment Need Who Received Type of Treatment		
	SFY 2017	SFY 2018	SFY 2019	SFY 2017	SFY 2018	SFY 2019
	Methadone					
<i>All Washington Medicaid Beneficiaries</i>	6%	7%	7%	17%	18%	18%
Pregnant and Postpartum Women	7%	8%	8%	21%	21%	21%
Adolescents (Age 13 to 18)	<1%	<1%	<1%	<1%	1%	1%
TAYA (Age 16 to 25)	2%	2%	2%	10%	10%	10%
American Indian or Alaskan Native	8%	9%	9%	22%	21%	21%
Justice System-Involved Persons	6%	7%	7%	15%	15%	15%
Individuals Experiencing Homelessness	9%	10%	10%	21%	20%	20%
Individuals with Unstable Housing	8%	9%	9%	19%	19%	19%

Across all years and treatment modalities, a higher percentage of individuals with an OUD treatment need received treatment compared to those individuals with an SUD treatment need. However, changes in treatment utilization are not consistent across populations.

Outpatient Treatment. Overall use of outpatient treatment among those with an SUD or OUD treatment need increased from SFY 2017 to SFY 2019. Exceptions to this trend are the use of outpatient treatment among adolescents and TAYA with a SUD treatment need, and American Indian or Alaska Natives with either an SUD or OUD treatment need, all of which remained similar across all three measurement years. However, the use of outpatient treatment among adolescents and TAYA with an OUD treatment need increased from 33 percent to 44 percent and 39 to 42 percent, respectively. Among American Indian/Alaskan Native Medicaid beneficiaries with an SUD or OUD treatment need, outpatient treatment use remained consistent and higher than most other target populations (~36 percent for those with an SUD treatment need and ~52 percent for those with an OUD treatment need).

Inpatient/Residential Treatment. The use of inpatient/residential treatment remained stable or slightly increased for most target populations between SFY 2017 and SFY 2019. Inpatient/residential treatment use slightly decreased for adolescents with a SUD treatment need, but increased for adolescents with an OUD treatment need. Among American Indian/Alaskan Natives and Pregnant and Postpartum Women with a SUD or OUD treatment need, use of inpatient/residential treatment decreased from SFY 2017 to SFY 2018, but increased to above SFY 2017 rates in SFY 2019 for those with OUD treatment need.

Buprenorphine (With and Without Naloxone). Buprenorphine use increased dramatically from SFY 2017 to SFY 2019. For Medicaid beneficiaries with an OUD treatment need, there was a 94 percent increase in buprenorphine (with and without naloxone) use (up from 17 percent to 33 percent) from SFY 2017 to SFY 2019. Adolescents saw a nearly 700 percent increase in buprenorphine use (up to 8 percent from 1 percent), and persons involved with the criminal justice system had a 135 percent increase (up to 40 percent from 17 percent). Pregnant and Postpartum Women with an OUD treatment need had the highest use of buprenorphine. However, the overall increase was more modest, a 60% increase, when compared to other populations (25 percent in SFY 2017 to 40 percent in SFY 2019). Adolescents had the lowest use of buprenorphine across all three years.

Naltrexone. Naltrexone use also increased from SFY 2017 to SFY 2019, but not as drastically as Buprenorphine. However, Naltrexone use overall is much lower than Buprenorphine use for most populations. One exception is for adolescents with an OUD treatment need. This population had similar use of Naltrexone and Buprenorphine in SFY 2017 and SFY 2018, but use of Buprenorphine surpassed use of Naltrexone for this population in SFY 2019.

Methadone. Unlike Buprenorphine and Naltrexone, Methadone use remained relatively stable from SFY 2017 to SFY 2019. There is very little difference across time in the percentages of those with an SUD or OUD treatment need who use Methadone. Use of Methadone is highest among Pregnant and Postpartum Women, American Indian/Alaskan Native, and homeless or unstably housed persons. Methadone use is lowest among the adolescent and TAYA populations.

There are also distinct geographic differences in which treatments Medicaid beneficiaries use. The detailed analyses in Tables 3 and 4 emphasize the dramatic differences in access to treatment based on geography, even for core populations of interest (Appendix Tables A2 and A3). In particular, smaller and more rural counties tended to have low or no utilization of some treatment forms (particularly Naltrexone and Methadone).

Table 3 shows treatment modality use by County for SFY 2019. Access to Methadone, Buprenorphine, and Naltrexone for those with an OUD diagnosis may be dependent on proximity to facilities licensed to provide Methadone and the number of providers able to prescribe Buprenorphine or Naltrexone. As such, in SFY 2019, rates of Methadone use varied from less than 1 percent to 27 percent (Snohomish County) for individuals with an SUD or OUD. Rates of Buprenorphine use for individuals with an OUD diagnosis varied from 24 percent (King County) to 63 percent (Garfield County).

Utilization of outpatient and inpatient/residential treatment also varied by geography. However, the overall pattern regarding treatment rates in individuals with SUD vs. OUD is consistent with the statewide rate – individuals with an OUD diagnosis were more likely to receive treatment. Exceptions included counties of Adams, Columbia, Franklin and Skamania (Outpatient). Of those who received a medication for OUD, Buprenorphine was the most common treatment in most areas (King County is one exception). Integrated managed care region results for SFY 2019 are available in Table 4.

TABLE 3.

Variation in Substance Use Disorder Treatment Modalities by County in SFY 2019

	Percent with a Diagnosis of SUD Who Received Type of Treatment					Percent with a Diagnosis of OUD Who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Washington	26%	6%	13%	3%	7%	38%	10%	33%	8%	18%
Adams	23%	2%	4%	1%	0%	17%	5%	27%	5%	0%
Asotin	15%	4%	19%	2%	0%	23%	6%	51%	5%	0%
Benton	24%	5%	17%	2%	1%	30%	8%	46%	6%	2%
Chelan	20%	6%	12%	6%	<1%	27%	11%	38%	18%	1%
Clallam*	29%	10%	21%	5%	1%	34%	15%	46%	11%	2%
Clark*	29%	8%	11%	2%	6%	39%	14%	33%	7%	17%
Columbia	16%	3%	14%	3%	0%	12%	3%	42%	9%	0%
Cowlitz*	25%	4%	18%	2%	9%	32%	7%	45%	6%	22%
Douglas	19%	7%	15%	6%	0%	23%	11%	41%	16%	0%
Ferry	22%	5%	13%	2%	0%	25%	10%	38%	6%	0%
Franklin	21%	4%	8%	1%	<1%	20%	6%	31%	5%	1%
Garfield	16%	5%	14%	0%	0%	38%	13%	63%	0%	0%
Grant	15%	4%	9%	2%	<1%	19%	8%	35%	8%	<1%
Grays Harbor*	33%	4%	15%	2%	12%	47%	6%	34%	5%	27%
Island	23%	5%	10%	2%	6%	35%	9%	31%	7%	20%
Jefferson	23%	11%	12%	4%	1%	25%	17%	34%	10%	1%
King*	25%	4%	10%	4%	10%	38%	6%	24%	9%	25%
Kitsap*	22%	7%	10%	5%	2%	30%	12%	29%	14%	7%

	Percent with a Diagnosis of SUD Who Received Type of Treatment					Percent with a Diagnosis of OUD Who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Kittitas	23%	7%	10%	2%	<1%	29%	14%	33%	8%	1%
Klickitat	19%	4%	6%	4%	0%	24%	11%	27%	18%	0%
Lewis	24%	4%	12%	1%	3%	33%	7%	38%	5%	9%
Lincoln	17%	4%	11%	2%	1%	20%	6%	29%	4%	2%
Mason	28%	5%	11%	4%	8%	42%	8%	28%	9%	20%
Okanogan	17%	5%	10%	2%	<1%	21%	9%	39%	8%	1%
Pacific	25%	4%	10%	3%	3%	47%	7%	38%	11%	10%
Pend Oreille	14%	2%	11%	2%	2%	23%	4%	37%	7%	6%
Pierce*	26%	6%	10%	3%	8%	42%	9%	26%	9%	20%
San Juan	18%	6%	11%	2%	1%	23%	8%	38%	8%	5%
Skagit*	31%	7%	18%	2%	10%	44%	11%	41%	5%	23%
Skamania	20%	3%	11%	3%	1%	16%	6%	38%	12%	2%
Snohomish*	28%	7%	15%	3%	14%	41%	10%	31%	7%	27%
Spokane*	25%	7%	15%	3%	7%	38%	12%	39%	7%	19%
Stevens	20%	6%	17%	1%	2%	29%	10%	46%	4%	5%
Thurston*	22%	5%	11%	5%	6%	32%	8%	31%	14%	18%
Wahkiakum	24%	3%	12%	0%	4%	35%	15%	55%	0%	20%
Walla Walla	18%	5%	13%	3%	<1%	19%	8%	38%	8%	1%
Whatcom*	30%	8%	17%	3%	8%	44%	11%	38%	7%	17%
Whitman	13%	4%	6%	1%	1%	18%	11%	27%	5%	3%
Yakima*	24%	7%	9%	1%	2%	35%	14%	40%	5%	7%

*Indicates at least one Opioid Substitution Treatment Program located within the county as of April 2020.

TABLE 4.

Variation in Substance Use Disorder Treatment Modalities by Integrated Managed Care Region in SFY 2019

	Percent with a Diagnosis of SUD who Received Type of Treatment					Percent with a Diagnosis of OUD who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Washington	26%	6%	13%	3%	7%	38%	10%	33%	8%	18%
Great Rivers*	27%	4%	15%	2%	8%	38%	6%	39%	6%	21%
Greater Columbia*	22%	6%	12%	2%	1%	29%	10%	41%	6%	3%
King*	25%	4%	10%	4%	10%	38%	6%	24%	9%	25%
North Central	17%	5%	11%	4%	0%	22%	10%	38%	12%	0%
North Sound*	28%	7%	16%	3%	11%	42%	10%	33%	6%	24%
Pierce*	26%	6%	10%	3%	8%	42%	9%	26%	9%	20%
Salish*	24%	8%	14%	5%	2%	31%	13%	36%	12%	4%
Southwest*	28%	8%	11%	2%	5%	38%	14%	33%	8%	16%
Spokane*	24%	7%	15%	2%	7%	37%	12%	39%	6%	18%
Thurston-Mason*	24%	5%	11%	4%	7%	35%	8%	30%	12%	19%

*Indicates at least one Opioid Substitution Treatment Program located within the Integrated Managed Care Region as of April 2020.

Summary

Overall, this descriptive analysis highlights the current variability in treatment utilization among Medicaid beneficiaries. Use of SUD and OUD treatment services has increased from SFY 2017 to SFY 2019. This increase is driven primarily by increased use of buprenorphine treatment. However, the increase is not consistent among populations of interest or treatment types. Across the state, individuals with an OUD diagnosis were more likely to receive treatment. However, the types of treatment varied depending on geographic location and are likely tied to the availability of providers who are allowed to prescribe the different treatment types.

It is important to note that this report excluded Medicaid beneficiaries who are dually eligible for both Medicare and Medicaid, as well as Medicaid beneficiaries or who did not meet the minimum eligibility requirements for inclusion in the analytical sample. These populations may have different patterns of treatment utilization.

The goal of the §1003 SUPPORT ACT is to develop a policy framework to guide the advancement of statewide, whole-person, integrated SUD/OUD treatment and recovery support services. Understanding the variation in treatment for individuals with SUD and OUD treatment needs is a critical step in identifying opportunities for improvement.

APPENDIX

TABLE A1.

Number of Medicaid Beneficiaries with an SUD or OUD Treatment Need by Populations of Interest, Integrated Managed Care Region, and County

	Number with a SUD Treatment Need			Number with an OUD Treatment Need		
	SFY 2017	SFY 2018	SFY 2019	SFY 2017	SFY 2018	SFY 2019
All Washington Medicaid Beneficiaries	143,945	136,537	136,220	49,433	50,354	52,610
Populations of Interest						
Pregnant and Postpartum Women	9,073	8,655	8,131	3,128	3,143	3,001
Adolescents (Age 13 to 18)	***	***	***	***	***	***
TAYA (Age 16 to 25)	25,129	22,752	21,478	5,603	4,905	4,465
American Indian or Alaskan Native	11,475	11,168	11,396	4,332	4,532	4,950
Justice System-Involved Persons	28,250	27,479	27,607	11,959	12,557	13,667
Individuals Experiencing Homelessness	19,414	18,944	20,250	8,448	9,123	10,187
Individuals with Unstable Housing	40,060	38,594	40,542	16,398	17,302	19,328
Integrated Managed Care Region						
Great Rivers*	8,831	8,334	8,581	2,905	2,991	3,237
Greater Columbia*	15,146	14,682	14,578	4,125	4,284	4,134
King*	27,888	26,364	25,853	10,315	10,525	10,841
North Central	***	***	***	***	***	***
North Sound*	20,258	19,556	19,908	8,661	8,618	9,298
Pierce*	16,854	16,003	16,009	5,664	5,712	6,145
Salish*	7,340	6,646	6,896	2,439	2,473	2,656
Southwest*	8,244	7,587	7,539	2,295	2,330	2,417
Spokane*	16,006	15,171	15,547	5,317	5,430	5,914
Thurston-Mason*	6,755	6,218	6,066	2,112	2,131	2,221
County						
Adams	***	***	***	***	***	***
Asotin	***	***	851	***	***	316
Benton	3,822	3,444	3,344	1,497	1,451	1,244
Chelan	***	***	***	***	***	***
Clallam*	2,160	2,086	2,151	927	950	992
Clark*	7,569	6,935	6,867	2,137	2,170	2,259
Columbia	***	***	***	***	***	***
Cowlitz*	3,499	3,232	3,283	1,039	1,144	1,312
Douglas	***	***	598	***	***	217
Ferry	***	***	***	***	***	***
Franklin	***	***	***	***	***	***
Garfield	***	***	***	***	***	***
Grant	1,992	***	***	402	***	***
Grays Harbor*	2,683	2,477	2,587	1,144	1,129	1,130
Island	***	***	930	***	***	290
Jefferson	***	***	***	***	***	***
King*	27,888	26,364	25,853	10,315	10,525	10,841
Kitsap*	4,623	4,052	4,188	1,356	1,360	1,459
Kittitas	***	***	***	***	***	***
Klickitat	***	***	***	***	***	***
Lewis	1,954	1,914	2,005	551	543	618

	Number with a SUD Treatment Need			Number with an OUD Treatment Need		
	SFY 2017	SFY 2018	SFY 2019	SFY 2017	SFY 2018	SFY 2019
Lincoln	***	***	***	***	***	***
Mason	2,015	1,688	1,534	581	587	622
Okanogan	***	***	***	***	***	***
Pacific	***	619	614	***	***	***
Pend Oreille	***	***	***	***	***	***
Pierce*	16,854	16,003	16,009	5,664	5,712	6,145
San Juan	***	***	***	***	***	***
Skagit*	2,546	2,565	2,560	1,028	1,057	1,138
Skamania	***	***	***	***	***	***
Snohomish*	12,301	11,879	12,110	5,579	5,515	5,978
Spokane*	13,955	13,234	13,530	4,707	4,813	5,243
Stevens	***	***	1,057	***	***	399
Thurston*	4,739	4,530	4,533	1,531	1,544	1,599
Wahkiakum	***	***	***	***	***	***
Walla Walla	***	***	***	***	***	***
Whatcom*	4,188	3,976	4,093	1,690	1,709	1,828
Whitman	***	***	***	***	***	***
Yakima*	6,959	6,933	6,848	1,378	1,502	1,539

*Indicates at least one Opioid Substitution Treatment Program located within the Integrated Managed Care Region or County as of April 2020.
 ***Suppressed due to at least one treatment modality with fewer than 11 individuals in the year.

TABLE A2.

Variation in Substance Use Disorder Treatment Modalities by County and Populations of Interest in SFY 2019

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone
Adams										
<i>All County Medicaid Beneficiaries</i>	23%	2%	4%	1%	0%	17%	5%	27%	5%	0%
Pregnant and Postpartum Women	25%	6%	13%	0%	0%	40%	20%	40%	0%	0%
Adolescents (Age 13 to 18)	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	33%	1%	5%	0%	0%	14%	0%	57%	0%	0%
American Indian or Alaskan Native	25%	0%	25%	0%	0%	0%	0%	100%	0%	0%
Justice System-Involved Persons	51%	8%	8%	0%	0%	33%	33%	50%	0%	0%
Individuals Experiencing Homelessness	20%	10%	0%	0%	0%	33%	0%	0%	0%	0%
Individuals with Unstable Housing	25%	6%	6%	0%	0%	33%	17%	33%	0%	0%
Asotin										
<i>All County Medicaid Beneficiaries</i>	15%	4%	19%	2%	0%	23%	6%	51%	5%	0%
Pregnant and Postpartum Women	21%	5%	22%	0%	0%	39%	14%	64%	0%	0%
Adolescents (Age 13 to 18)	17%	3%	0%	0%	0%	67%	0%	0%	0%	0%
TAYA (Age 16 to 25)	13%	3%	14%	0%	0%	22%	6%	63%	0%	0%
American Indian or Alaskan Native	16%	4%	13%	0%	0%	31%	6%	38%	0%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone
Justice System-Involved Persons	25%	7%	25%	2%	0%	36%	12%	55%	5%	0%
Individuals Experiencing Homelessness	17%	6%	30%	2%	0%	22%	11%	70%	4%	0%
Individuals with Unstable Housing	19%	6%	21%	3%	0%	25%	8%	56%	7%	0%
Benton										
<i>All County Medicaid Beneficiaries</i>	24%	5%	17%	2%	1%	30%	8%	46%	6%	2%
Pregnant and Postpartum Women	22%	4%	21%	2%	0%	32%	8%	63%	7%	0%
Adolescents (Age 13 to 18)	28%	3%	1%	0%	0%	56%	28%	17%	0%	0%
TAYA (Age 16 to 25)	27%	5%	12%	0%	0%	46%	17%	55%	2%	0%
American Indian or Alaskan Native	22%	5%	10%	4%	0%	37%	10%	27%	10%	0%
Justice System-Involved Persons	39%	10%	25%	2%	1%	44%	14%	55%	5%	3%
Individuals Experiencing Homelessness	35%	11%	24%	2%	1%	43%	17%	56%	4%	2%
Individuals with Unstable Housing	33%	9%	24%	2%	1%	43%	14%	54%	5%	2%
Chelan										
<i>All County Medicaid Beneficiaries</i>	20%	6%	12%	6%	<1%	27%	11%	38%	18%	1%
Pregnant and Postpartum Women	21%	4%	16%	9%	0%	33%	13%	60%	33%	0%
Adolescents (Age 13 to 18)	24%	3%	0%	0%	0%	33%	17%	0%	0%	0%
TAYA (Age 16 to 25)	23%	6%	4%	2%	0%	49%	29%	34%	20%	0%
American Indian or Alaskan Native	28%	9%	11%	4%	0%	46%	23%	38%	15%	0%
Justice System-Involved Persons	40%	16%	20%	7%	0%	47%	24%	47%	16%	0%
Individuals Experiencing Homelessness	32%	19%	17%	6%	0%	47%	22%	38%	13%	0%
Individuals with Unstable Housing	29%	13%	20%	7%	0%	39%	17%	44%	16%	0%
Clallam*										
<i>All County Medicaid Beneficiaries</i>	29%	10%	21%	5%	1%	34%	15%	46%	11%	2%
Pregnant and Postpartum Women	30%	7%	27%	2%	1%	40%	9%	62%	4%	2%
Adolescents (Age 13 to 18)	56%	10%	1%	1%	0%	80%	40%	10%	10%	0%
TAYA (Age 16 to 25)	43%	13%	16%	3%	0%	55%	31%	51%	9%	0%
American Indian or Alaskan Native	46%	17%	24%	10%	2%	55%	26%	44%	18%	3%
Justice System-Involved Persons	47%	19%	27%	4%	0%	44%	27%	52%	8%	1%
Individuals Experiencing Homelessness	36%	20%	28%	6%	0%	38%	24%	48%	11%	1%
Individuals with Unstable Housing	36%	16%	29%	7%	0%	42%	21%	50%	11%	1%
Clark*										
<i>All County Medicaid Beneficiaries</i>	29%	8%	11%	2%	6%	39%	14%	33%	7%	17%
Pregnant and Postpartum Women	28%	5%	12%	1%	4%	51%	10%	45%	3%	15%
Adolescents (Age 13 to 18)	35%	4%	0%	0%	0%	54%	21%	7%	0%	0%
TAYA (Age 16 to 25)	29%	6%	5%	1%	1%	48%	21%	29%	5%	7%
American Indian or Alaskan Native	29%	6%	13%	2%	5%	37%	11%	39%	5%	14%
Justice System-Involved Persons	51%	18%	20%	3%	5%	57%	27%	47%	7%	12%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	41%	19%	17%	1%	7%	52%	26%	41%	4%	16%
Individuals with Unstable Housing	40%	15%	17%	3%	7%	52%	23%	43%	7%	16%
Columbia										
<i>All County Medicaid Beneficiaries</i>	16%	3%	14%	3%	0%	12%	3%	42%	9%	0%
Pregnant and Postpartum Women	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Adolescents (Age 13 to 18)	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	29%	0%	0%	14%	0%	0%	0%	0%	50%	0%
American Indian or Alaskan Native	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Justice System-Involved Persons	53%	7%	27%	0%	0%	40%	20%	80%	0%	0%
Individuals Experiencing Homelessness	25%	0%	25%	0%	0%	0%	0%	100%	0%	0%
Individuals with Unstable Housing	16%	0%	16%	0%	0%	20%	0%	60%	0%	0%
Cowlitz*										
<i>All County Medicaid Beneficiaries</i>	25%	4%	18%	2%	9%	32%	7%	45%	6%	22%
Pregnant and Postpartum Women	31%	6%	20%	2%	9%	51%	9%	51%	5%	24%
Adolescents (Age 13 to 18)	38%	3%	0%	0%	0%	69%	8%	0%	0%	0%
TAYA (Age 16 to 25)	31%	3%	12%	1%	4%	55%	10%	50%	4%	15%
American Indian or Alaskan Native	25%	4%	11%	6%	6%	28%	7%	30%	15%	15%
Justice System-Involved Persons	37%	7%	30%	3%	11%	40%	10%	58%	7%	22%
Individuals Experiencing Homelessness	36%	7%	30%	2%	9%	42%	10%	59%	3%	17%
Individuals with Unstable Housing	35%	6%	28%	3%	10%	42%	9%	56%	5%	21%
Douglas										
<i>All County Medicaid Beneficiaries</i>	19%	7%	15%	6%	0%	23%	11%	41%	16%	0%
Pregnant and Postpartum Women	29%	13%	21%	4%	0%	45%	18%	45%	9%	0%
Adolescents (Age 13 to 18)	27%	2%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	26%	5%	6%	1%	0%	47%	18%	53%	6%	0%
American Indian or Alaskan Native	13%	4%	13%	4%	0%	20%	10%	30%	10%	0%
Justice System-Involved Persons	40%	19%	30%	8%	0%	39%	27%	66%	17%	0%
Individuals Experiencing Homelessness	36%	23%	50%	0%	0%	47%	27%	73%	0%	0%
Individuals with Unstable Housing	32%	16%	30%	6%	0%	40%	21%	57%	13%	0%
Ferry										
<i>All County Medicaid Beneficiaries</i>	22%	5%	13%	2%	0%	25%	10%	38%	6%	0%
Pregnant and Postpartum Women	29%	6%	24%	0%	0%	14%	14%	57%	0%	0%
Adolescents (Age 13 to 18)	40%	7%	0%	0%	0%	100%	100%	0%	0%	0%
TAYA (Age 16 to 25)	32%	5%	9%	0%	0%	43%	14%	29%	0%	0%
American Indian or Alaskan Native	30%	8%	10%	0%	0%	33%	17%	33%	0%	0%
Justice System-Involved Persons	48%	18%	27%	3%	0%	43%	21%	64%	7%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	20%	10%	0%	0%	0%	0%	0%	0%	0%	0%
Individuals with Unstable Housing	22%	5%	16%	0%	0%	21%	7%	43%	0%	0%
Franklin										
<i>All County Medicaid Beneficiaries</i>	21%	4%	8%	1%	<1%	20%	6%	31%	5%	1%
Pregnant and Postpartum Women	13%	4%	14%	0%	1%	14%	14%	48%	0%	5%
Adolescents (Age 13 to 18)	32%	6%	0%	0%	0%	33%	17%	0%	0%	0%
TAYA (Age 16 to 25)	27%	5%	5%	0%	0%	35%	10%	55%	0%	0%
American Indian or Alaskan Native	15%	0%	5%	0%	0%	0%	0%	20%	0%	0%
Justice System-Involved Persons	34%	7%	10%	2%	1%	34%	14%	37%	8%	4%
Individuals Experiencing Homelessness	27%	8%	14%	0%	0%	27%	14%	50%	0%	0%
Individuals with Unstable Housing	25%	7%	13%	0%	1%	29%	9%	46%	0%	4%
Garfield										
<i>All County Medicaid Beneficiaries</i>	16%	5%	14%	0%	0%	38%	13%	63%	0%	0%
Pregnant and Postpartum Women	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Adolescents (Age 13 to 18)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
American Indian or Alaskan Native	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Justice System-Involved Persons	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Individuals Experiencing Homelessness	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Individuals with Unstable Housing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Grant										
<i>All County Medicaid Beneficiaries</i>	15%	4%	9%	2%	<1%	19%	8%	35%	8%	<1%
Pregnant and Postpartum Women	13%	3%	8%	1%	0%	32%	9%	50%	5%	0%
Adolescents (Age 13 to 18)	25%	3%	0%	1%	0%	60%	40%	0%	20%	0%
TAYA (Age 16 to 25)	20%	5%	4%	1%	0%	32%	18%	36%	10%	0%
American Indian or Alaskan Native	18%	4%	5%	0%	0%	47%	20%	27%	0%	0%
Justice System-Involved Persons	36%	9%	16%	4%	0%	38%	13%	44%	13%	1%
Individuals Experiencing Homelessness	25%	8%	14%	3%	0%	33%	11%	35%	9%	1%
Individuals with Unstable Housing	20%	7%	14%	3%	0%	27%	12%	40%	9%	1%
Grays Harbor*										
<i>All County Medicaid Beneficiaries</i>	33%	4%	15%	2%	12%	47%	6%	34%	5%	27%
Pregnant and Postpartum Women	35%	3%	19%	1%	8%	50%	3%	42%	3%	18%
Adolescents (Age 13 to 18)	53%	4%	0%	0%	0%	75%	25%	0%	0%	0%
TAYA (Age 16 to 25)	32%	3%	12%	1%	4%	37%	6%	42%	4%	16%
American Indian or Alaskan Native	45%	8%	15%	2%	9%	59%	13%	38%	6%	23%
Justice System-Involved Persons	42%	6%	27%	3%	13%	46%	7%	44%	6%	22%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	36%	5%	21%	1%	15%	42%	5%	35%	2%	25%
Individuals with Unstable Housing	39%	5%	20%	2%	14%	47%	6%	37%	4%	26%
Island										
<i>All County Medicaid Beneficiaries</i>	23%	5%	10%	2%	6%	35%	9%	31%	7%	20%
Pregnant and Postpartum Women	18%	2%	12%	0%	8%	30%	5%	30%	0%	20%
Adolescents (Age 13 to 18)	37%	2%	0%	0%	0%	50%	25%	0%	0%	0%
TAYA (Age 16 to 25)	23%	3%	5%	1%	3%	56%	16%	28%	4%	16%
American Indian or Alaskan Native	33%	0%	11%	0%	11%	57%	0%	43%	0%	43%
Justice System-Involved Persons	50%	9%	17%	4%	8%	58%	15%	46%	10%	20%
Individuals Experiencing Homelessness	34%	8%	16%	1%	9%	48%	19%	45%	3%	26%
Individuals with Unstable Housing	36%	8%	15%	2%	9%	50%	16%	45%	5%	27%
Jefferson										
<i>All County Medicaid Beneficiaries</i>	23%	11%	12%	4%	1%	25%	17%	34%	10%	1%
Pregnant and Postpartum Women	44%	16%	20%	0%	0%	50%	30%	50%	0%	0%
Adolescents (Age 13 to 18)	36%	21%	4%	0%	0%	0%	33%	33%	0%	0%
TAYA (Age 16 to 25)	22%	22%	12%	3%	0%	21%	37%	42%	11%	0%
American Indian or Alaskan Native	42%	8%	8%	0%	0%	29%	0%	29%	0%	0%
Justice System-Involved Persons	45%	30%	22%	7%	0%	40%	39%	43%	13%	0%
Individuals Experiencing Homelessness	33%	19%	24%	4%	0%	35%	29%	52%	10%	0%
Individuals with Unstable Housing	32%	19%	20%	4%	0%	32%	27%	46%	8%	0%
King*										
<i>All County Medicaid Beneficiaries</i>	25%	4%	10%	4%	10%	38%	6%	24%	9%	25%
Pregnant and Postpartum Women	28%	4%	13%	2%	11%	48%	7%	32%	5%	27%
Adolescents (Age 13 to 18)	25%	2%	0%	0%	0%	28%	14%	7%	3%	0%
TAYA (Age 16 to 25)	20%	3%	5%	2%	2%	35%	8%	25%	8%	11%
American Indian or Alaskan Native	33%	8%	13%	7%	10%	46%	10%	26%	14%	20%
Justice System-Involved Persons	35%	7%	15%	4%	10%	41%	9%	29%	8%	20%
Individuals Experiencing Homelessness	31%	7%	15%	4%	14%	42%	8%	28%	7%	27%
Individuals with Unstable Housing	31%	6%	14%	4%	13%	43%	8%	28%	8%	27%
Kitsap*										
<i>All County Medicaid Beneficiaries</i>	22%	7%	10%	5%	2%	30%	12%	29%	14%	7%
Pregnant and Postpartum Women	30%	5%	12%	3%	2%	35%	3%	36%	8%	6%
Adolescents (Age 13 to 18)	31%	11%	0%	0%	0%	50%	75%	0%	0%	0%
TAYA (Age 16 to 25)	27%	8%	7%	4%	1%	37%	21%	30%	15%	5%
American Indian or Alaskan Native	37%	13%	16%	7%	2%	48%	21%	43%	17%	5%
Justice System-Involved Persons	36%	17%	18%	8%	2%	38%	22%	39%	18%	4%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	28%	15%	15%	6%	2%	34%	22%	35%	13%	5%
Individuals with Unstable Housing	32%	13%	16%	6%	3%	38%	18%	37%	14%	7%
Kittitas										
<i>All County Medicaid Beneficiaries</i>	23%	7%	10%	2%	<1%	29%	14%	33%	8%	1%
Pregnant and Postpartum Women	30%	13%	3%	0%	0%	25%	0%	25%	0%	0%
Adolescents (Age 13 to 18)	31%	8%	0%	0%	0%	33%	33%	0%	0%	0%
TAYA (Age 16 to 25)	29%	6%	3%	2%	0%	41%	18%	24%	12%	0%
American Indian or Alaskan Native	25%	5%	10%	0%	5%	63%	13%	25%	0%	13%
Justice System-Involved Persons	59%	20%	15%	3%	1%	59%	25%	39%	7%	2%
Individuals Experiencing Homelessness	32%	16%	10%	3%	0%	50%	42%	25%	8%	0%
Individuals with Unstable Housing	38%	15%	16%	1%	0%	58%	29%	48%	3%	0%
Klickitat										
<i>All County Medicaid Beneficiaries</i>	19%	4%	6%	4%	0%	24%	11%	27%	18%	0%
Pregnant and Postpartum Women	23%	0%	4%	0%	0%	0%	0%	50%	0%	0%
Adolescents (Age 13 to 18)	28%	4%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	24%	4%	0%	0%	0%	0%	0%	0%	0%	0%
American Indian or Alaskan Native	15%	6%	0%	3%	0%	33%	22%	0%	22%	0%
Justice System-Involved Persons	31%	11%	9%	6%	0%	44%	33%	33%	22%	0%
Individuals Experiencing Homelessness	38%	19%	0%	10%	0%	75%	75%	0%	50%	0%
Individuals with Unstable Housing	24%	6%	1%	3%	0%	46%	23%	8%	15%	0%
Lewis										
<i>All County Medicaid Beneficiaries</i>	24%	4%	12%	1%	3%	33%	7%	38%	5%	9%
Pregnant and Postpartum Women	30%	2%	11%	0%	4%	47%	6%	33%	0%	11%
Adolescents (Age 13 to 18)	51%	4%	0%	0%	0%	60%	0%	0%	0%	0%
TAYA (Age 16 to 25)	37%	5%	8%	0%	1%	54%	10%	35%	1%	3%
American Indian or Alaskan Native	22%	3%	7%	0%	6%	39%	6%	28%	0%	22%
Justice System-Involved Persons	45%	8%	22%	2%	2%	54%	14%	53%	4%	6%
Individuals Experiencing Homelessness	31%	7%	21%	1%	4%	43%	13%	51%	3%	11%
Individuals with Unstable Housing	32%	6%	22%	2%	4%	42%	10%	52%	4%	9%
Lincoln										
<i>All County Medicaid Beneficiaries</i>	17%	4%	11%	2%	1%	20%	6%	29%	4%	2%
Pregnant and Postpartum Women	0%	0%	0%	17%	0%	0%	0%	0%	50%	0%
Adolescents (Age 13 to 18)	29%	14%	0%	0%	0%	100%	100%	0%	0%	0%
TAYA (Age 16 to 25)	18%	12%	6%	0%	0%	50%	50%	25%	0%	0%
American Indian or Alaskan Native	50%	13%	13%	0%	0%	100%	50%	50%	0%	0%
Justice System-Involved Persons	38%	19%	19%	0%	0%	50%	33%	50%	0%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	40%	0%	0%	0%	20%	67%	0%	0%	0%	33%
Individuals with Unstable Housing	40%	10%	15%	5%	5%	60%	10%	30%	10%	10%
Mason										
<i>All County Medicaid Beneficiaries</i>	28%	5%	11%	4%	8%	42%	8%	28%	9%	20%
Pregnant and Postpartum Women	31%	6%	10%	0%	7%	58%	11%	25%	0%	17%
Adolescents (Age 13 to 18)	32%	5%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	30%	5%	5%	3%	1%	41%	13%	26%	15%	8%
American Indian or Alaskan Native	50%	8%	17%	3%	16%	61%	9%	32%	6%	30%
Justice System-Involved Persons	44%	12%	17%	7%	3%	41%	17%	37%	16%	6%
Individuals Experiencing Homelessness	32%	14%	19%	5%	4%	43%	19%	40%	12%	9%
Individuals with Unstable Housing	34%	10%	15%	5%	7%	49%	15%	33%	11%	15%
Okanogan										
<i>All County Medicaid Beneficiaries</i>	17%	5%	10%	2%	<1%	21%	9%	39%	8%	1%
Pregnant and Postpartum Women	23%	3%	12%	0%	0%	50%	13%	50%	0%	0%
Adolescents (Age 13 to 18)	23%	12%	1%	0%	0%	80%	60%	20%	0%	0%
TAYA (Age 16 to 25)	20%	5%	6%	0%	0%	36%	16%	44%	0%	0%
American Indian or Alaskan Native	26%	10%	8%	2%	0%	39%	24%	33%	6%	0%
Justice System-Involved Persons	40%	7%	14%	1%	1%	35%	2%	52%	2%	2%
Individuals Experiencing Homelessness	25%	8%	18%	0%	0%	40%	7%	60%	0%	0%
Individuals with Unstable Housing	25%	6%	14%	1%	0%	37%	11%	47%	4%	0%
Pacific										
<i>All County Medicaid Beneficiaries</i>	25%	4%	10%	3%	3%	47%	7%	38%	11%	10%
Pregnant and Postpartum Women	41%	7%	22%	0%	4%	56%	11%	67%	0%	11%
Adolescents (Age 13 to 18)	60%	5%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	36%	6%	9%	1%	1%	44%	13%	56%	6%	6%
American Indian or Alaskan Native	35%	3%	13%	0%	6%	63%	13%	50%	0%	25%
Justice System-Involved Persons	51%	7%	21%	4%	6%	66%	5%	50%	11%	13%
Individuals Experiencing Homelessness	32%	9%	17%	0%	2%	53%	20%	53%	0%	7%
Individuals with Unstable Housing	39%	8%	17%	3%	3%	69%	10%	50%	9%	9%
Pend Oreille										
<i>All County Medicaid Beneficiaries</i>	14%	2%	11%	2%	2%	23%	4%	37%	7%	6%
Pregnant and Postpartum Women	13%	0%	6%	0%	0%	50%	0%	50%	0%	0%
Adolescents (Age 13 to 18)	16%	0%	0%	0%	0%	100%	0%	0%	0%	0%
TAYA (Age 16 to 25)	27%	2%	6%	0%	2%	78%	11%	33%	0%	11%
American Indian or Alaskan Native	26%	5%	13%	3%	3%	40%	20%	50%	10%	10%
Justice System-Involved Persons	36%	14%	17%	8%	0%	42%	25%	50%	25%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	21%	0%	36%	0%	0%	13%	0%	63%	0%	0%
Individuals with Unstable Housing	16%	5%	18%	2%	0%	25%	5%	55%	5%	0%
Pierce*										
<i>All County Medicaid Beneficiaries</i>	26%	6%	10%	3%	8%	42%	9%	26%	9%	20%
Pregnant and Postpartum Women	29%	5%	13%	3%	9%	54%	10%	35%	7%	24%
Adolescents (Age 13 to 18)	25%	2%	0%	0%	0%	34%	18%	4%	0%	2%
TAYA (Age 16 to 25)	22%	4%	6%	2%	3%	47%	12%	29%	10%	13%
American Indian or Alaskan Native	29%	6%	11%	5%	7%	45%	10%	25%	11%	15%
Justice System-Involved Persons	42%	10%	15%	6%	7%	51%	14%	31%	12%	14%
Individuals Experiencing Homelessness	33%	9%	13%	4%	10%	47%	12%	27%	9%	21%
Individuals with Unstable Housing	33%	9%	13%	4%	9%	47%	12%	29%	9%	21%
San Juan										
<i>All County Medicaid Beneficiaries</i>	18%	6%	11%	2%	1%	23%	8%	38%	8%	5%
Pregnant and Postpartum Women	33%	0%	0%	17%	17%	50%	0%	0%	50%	50%
Adolescents (Age 13 to 18)	12%	8%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	13%	13%	3%	0%	0%	33%	67%	33%	0%	0%
American Indian or Alaskan Native	20%	20%	10%	0%	0%	33%	33%	33%	0%	0%
Justice System-Involved Persons	26%	12%	29%	0%	3%	27%	20%	67%	0%	7%
Individuals Experiencing Homelessness	14%	0%	0%	0%	0%	100%	0%	0%	0%	0%
Individuals with Unstable Housing	23%	5%	23%	0%	5%	57%	0%	71%	0%	14%
Skagit*										
<i>All County Medicaid Beneficiaries</i>	31%	7%	18%	2%	10%	44%	11%	41%	5%	23%
Pregnant and Postpartum Women	32%	3%	16%	0%	11%	60%	7%	41%	0%	28%
Adolescents (Age 13 to 18)	29%	4%	1%	0%	0%	60%	20%	13%	0%	7%
TAYA (Age 16 to 25)	31%	6%	10%	1%	4%	53%	18%	38%	4%	16%
American Indian or Alaskan Native	50%	13%	27%	4%	21%	61%	17%	45%	7%	35%
Justice System-Involved Persons	52%	18%	27%	4%	15%	59%	22%	45%	7%	25%
Individuals Experiencing Homelessness	37%	12%	26%	2%	12%	49%	15%	45%	4%	22%
Individuals with Unstable Housing	41%	12%	24%	3%	14%	53%	17%	44%	6%	24%
Skamania										
<i>All County Medicaid Beneficiaries</i>	20%	3%	11%	3%	1%	16%	6%	38%	12%	2%
Pregnant and Postpartum Women	14%	0%	7%	0%	0%	0%	0%	50%	0%	0%
Adolescents (Age 13 to 18)	44%	6%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	48%	7%	11%	4%	0%	33%	17%	50%	17%	0%
American Indian or Alaskan Native	44%	0%	0%	0%	11%	50%	0%	0%	0%	50%
Justice System-Involved Persons	34%	3%	14%	7%	0%	38%	13%	50%	25%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	14%	0%	21%	0%	0%	0%	0%	75%	0%	0%
Individuals with Unstable Housing	18%	0%	21%	0%	0%	13%	0%	75%	0%	0%
Snohomish*										
<i>All County Medicaid Beneficiaries</i>	28%	7%	15%	3%	14%	41%	10%	31%	7%	27%
Pregnant and Postpartum Women	33%	7%	15%	1%	17%	56%	11%	31%	2%	35%
Adolescents (Age 13 to 18)	23%	4%	1%	0%	0%	41%	20%	10%	5%	2%
TAYA (Age 16 to 25)	23%	6%	9%	2%	4%	42%	15%	35%	6%	16%
American Indian or Alaskan Native	44%	9%	15%	3%	23%	62%	12%	27%	6%	42%
Justice System-Involved Persons	40%	13%	24%	4%	15%	44%	16%	38%	7%	24%
Individuals Experiencing Homelessness	35%	15%	25%	3%	18%	42%	17%	37%	5%	27%
Individuals with Unstable Housing	36%	13%	24%	3%	17%	44%	15%	37%	5%	27%
Spokane*										
<i>All County Medicaid Beneficiaries</i>	25%	7%	15%	3%	7%	38%	12%	39%	7%	19%
Pregnant and Postpartum Women	29%	8%	18%	2%	10%	53%	16%	46%	5%	27%
Adolescents (Age 13 to 18)	29%	4%	1%	1%	0%	30%	24%	8%	19%	0%
TAYA (Age 16 to 25)	23%	6%	9%	1%	3%	39%	17%	39%	6%	15%
American Indian or Alaskan Native	31%	10%	15%	3%	10%	46%	17%	35%	7%	23%
Justice System-Involved Persons	38%	14%	20%	3%	7%	47%	22%	44%	6%	15%
Individuals Experiencing Homelessness	34%	14%	20%	3%	10%	46%	21%	41%	6%	20%
Individuals with Unstable Housing	32%	12%	20%	3%	9%	44%	18%	43%	5%	20%
Stevens										
<i>All County Medicaid Beneficiaries</i>	20%	6%	17%	1%	2%	29%	10%	46%	4%	5%
Pregnant and Postpartum Women	23%	9%	12%	0%	4%	48%	22%	35%	0%	13%
Adolescents (Age 13 to 18)	31%	10%	2%	0%	0%	67%	67%	17%	0%	0%
TAYA (Age 16 to 25)	27%	13%	12%	1%	1%	58%	32%	42%	3%	3%
American Indian or Alaskan Native	36%	13%	19%	0%	3%	48%	23%	44%	1%	7%
Justice System-Involved Persons	38%	12%	28%	2%	1%	49%	23%	58%	4%	1%
Individuals Experiencing Homelessness	23%	9%	23%	0%	4%	36%	16%	48%	0%	8%
Individuals with Unstable Housing	25%	10%	21%	1%	3%	41%	20%	45%	2%	8%
Thurston*										
<i>All County Medicaid Beneficiaries</i>	22%	5%	11%	5%	6%	32%	8%	31%	14%	18%
Pregnant and Postpartum Women	24%	2%	9%	2%	6%	36%	4%	31%	7%	20%
Adolescents (Age 13 to 18)	38%	7%	0%	0%	0%	59%	18%	0%	0%	0%
TAYA (Age 16 to 25)	25%	6%	6%	3%	1%	33%	14%	33%	18%	6%
American Indian or Alaskan Native	37%	7%	11%	4%	8%	52%	13%	29%	12%	21%
Justice System-Involved Persons	36%	11%	20%	8%	6%	40%	15%	43%	17%	13%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	25%	10%	15%	7%	8%	36%	15%	35%	16%	19%
Individuals with Unstable Housing	28%	10%	16%	8%	9%	39%	15%	34%	18%	19%
Wahkiakum										
<i>All County Medicaid Beneficiaries</i>	24%	3%	12%	0%	4%	35%	15%	55%	0%	20%
Pregnant and Postpartum Women	33%	0%	33%	0%	0%	0%	0%	100%	0%	0%
Adolescents (Age 13 to 18)	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	29%	7%	14%	0%	7%	67%	33%	67%	0%	33%
American Indian or Alaskan Native	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Justice System-Involved Persons	33%	0%	44%	0%	0%	25%	0%	100%	0%	0%
Individuals Experiencing Homelessness	50%	13%	13%	0%	25%	33%	33%	33%	0%	67%
Individuals with Unstable Housing	32%	14%	14%	0%	9%	50%	50%	50%	0%	33%
Walla Walla										
<i>All County Medicaid Beneficiaries</i>	18%	5%	13%	3%	<1%	19%	8%	38%	8%	1%
Pregnant and Postpartum Women	23%	5%	18%	3%	5%	38%	5%	52%	10%	14%
Adolescents (Age 13 to 18)	26%	9%	0%	1%	0%	33%	17%	0%	17%	0%
TAYA (Age 16 to 25)	18%	7%	9%	2%	0%	20%	13%	47%	9%	0%
American Indian or Alaskan Native	7%	0%	10%	0%	0%	8%	0%	25%	0%	0%
Justice System-Involved Persons	40%	15%	16%	4%	1%	43%	22%	45%	11%	2%
Individuals Experiencing Homelessness	27%	13%	17%	2%	0%	30%	20%	45%	5%	0%
Individuals with Unstable Housing	27%	10%	17%	3%	0%	35%	16%	45%	7%	0%
Whatcom*										
<i>All County Medicaid Beneficiaries</i>	30%	8%	17%	3%	8%	44%	11%	38%	7%	17%
Pregnant and Postpartum Women	38%	8%	26%	1%	9%	58%	14%	57%	1%	18%
Adolescents (Age 13 to 18)	35%	6%	0%	0%	0%	53%	16%	0%	5%	5%
TAYA (Age 16 to 25)	29%	9%	11%	1%	3%	52%	20%	40%	3%	10%
American Indian or Alaskan Native	57%	13%	15%	1%	25%	69%	16%	22%	2%	36%
Justice System-Involved Persons	45%	18%	24%	3%	9%	51%	23%	42%	5%	16%
Individuals Experiencing Homelessness	36%	16%	24%	3%	7%	43%	19%	46%	5%	13%
Individuals with Unstable Housing	36%	15%	24%	3%	7%	46%	19%	45%	5%	13%
Whitman										
<i>All County Medicaid Beneficiaries</i>	13%	4%	6%	1%	1%	18%	11%	27%	5%	3%
Pregnant and Postpartum Women	27%	7%	7%	0%	0%	20%	0%	20%	0%	0%
Adolescents (Age 13 to 18)	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TAYA (Age 16 to 25)	16%	3%	1%	1%	0%	33%	33%	17%	17%	0%
American Indian or Alaskan Native	19%	13%	0%	13%	0%	40%	40%	0%	40%	0%
Justice System-Involved Persons	28%	13%	7%	2%	0%	31%	31%	23%	8%	0%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	8%	8%	0%	8%	0%	33%	33%	0%	33%	0%
Individuals with Unstable Housing	14%	9%	2%	5%	0%	15%	23%	8%	15%	0%
Yakima*										
<i>All County Medicaid Beneficiaries</i>	24%	7%	9%	1%	2%	35%	14%	40%	5%	7%
Pregnant and Postpartum Women	28%	7%	12%	1%	1%	44%	14%	49%	5%	3%
Adolescents (Age 13 to 18)	29%	7%	1%	0%	0%	52%	52%	15%	3%	0%
TAYA (Age 16 to 25)	25%	7%	4%	0%	0%	36%	26%	34%	4%	2%
American Indian or Alaskan Native	24%	10%	7%	1%	1%	35%	21%	35%	6%	4%
Justice System-Involved Persons	38%	14%	13%	1%	1%	38%	21%	43%	4%	4%
Individuals Experiencing Homelessness	28%	15%	11%	2%	1%	38%	24%	38%	6%	5%
Individuals with Unstable Housing	30%	13%	12%	2%	2%	42%	20%	41%	6%	5%

*Indicates at least one Opioid Substitution Treatment Program located within the county as of April 2020.

TABLE A3.

Variation in Substance Use Disorder Treatment Modalities by Integrated Managed Care Region and Populations of Interest in SFY 2019

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/ Residential	Buprenorphine	Naltrexone	Methadone
Great Rivers*										
<i>All Region Medicaid Beneficiaries</i>	27%	4%	15%	2%	8%	38%	6%	39%	6%	21%
Pregnant and Postpartum Women	32%	4%	18%	1%	7%	50%	6%	45%	3%	19%
Adolescents (Age 13 to 18)	47%	4%	0%	0%	0%	68%	10%	0%	0%	0%
TAYA (Age 16 to 25)	33%	4%	10%	1%	3%	48%	9%	44%	3%	12%
American Indian or Alaskan Native	37%	7%	13%	3%	8%	50%	11%	36%	8%	21%
Justice System-Involved Persons	41%	7%	27%	3%	9%	46%	10%	52%	6%	18%
Individuals Experiencing Homelessness	35%	6%	24%	1%	10%	43%	9%	47%	3%	19%
Individuals with Unstable Housing	36%	6%	24%	2%	10%	45%	9%	49%	5%	20%
Greater Columbia*										
<i>All Region Medicaid Beneficiaries</i>	22%	6%	12%	2%	1%	29%	10%	41%	6%	3%
Pregnant and Postpartum Women	24%	6%	15%	1%	1%	36%	11%	54%	5%	3%
Adolescents (Age 13 to 18)	29%	6%	1%	0%	0%	49%	36%	11%	3%	0%
TAYA (Age 16 to 25)	25%	6%	6%	1%	0%	36%	19%	44%	4%	1%
American Indian or Alaskan Native	23%	9%	7%	1%	1%	34%	18%	33%	6%	4%
Justice System-Involved Persons	38%	12%	17%	2%	1%	41%	18%	47%	6%	3%

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
Individuals Experiencing Homelessness	29%	13%	16%	2%	1%	37%	20%	46%	5%	3%
Individuals with Unstable Housing	29%	11%	15%	2%	1%	40%	17%	46%	5%	3%
King*										
<i>All Region Medicaid Beneficiaries</i>	25%	4%	10%	4%	10%	38%	6%	24%	9%	25%
Pregnant and Postpartum Women	28%	4%	13%	2%	11%	48%	7%	32%	5%	27%
Adolescents (Age 13 to 18)	25%	2%	0%	0%	0%	28%	14%	7%	3%	0%
TAYA (Age 16 to 25)	20%	3%	5%	2%	2%	35%	8%	25%	8%	11%
American Indian or Alaskan Native	33%	8%	13%	7%	10%	46%	10%	26%	14%	20%
Justice System-Involved Persons	35%	7%	15%	4%	10%	41%	9%	29%	8%	20%
Individuals Experiencing Homelessness	31%	7%	15%	4%	14%	42%	8%	28%	7%	27%
Individuals with Unstable Housing	31%	6%	14%	4%	13%	43%	8%	28%	8%	27%
North Central										
<i>All Region Medicaid Beneficiaries</i>	17%	5%	11%	4%	0%	22%	10%	38%	12%	0%
Pregnant and Postpartum Women	18%	4%	12%	2%	0%	39%	13%	52%	11%	0%
Adolescents (Age 13 to 18)	25%	4%	0%	0%	0%	53%	35%	6%	6%	0%
TAYA (Age 16 to 25)	21%	5%	5%	1%	0%	39%	20%	39%	10%	0%
American Indian or Alaskan Native	24%	9%	8%	2%	0%	39%	22%	32%	7%	0%
Justice System-Involved Persons	38%	12%	18%	5%	0%	40%	16%	49%	13%	1%
Individuals Experiencing Homelessness	28%	12%	17%	3%	0%	39%	16%	42%	8%	1%
Individuals with Unstable Housing	25%	9%	17%	4%	0%	34%	15%	45%	11%	0%
North Sound*										
<i>All Region Medicaid Beneficiaries</i>	28%	7%	16%	3%	11%	42%	10%	33%	6%	24%
Pregnant and Postpartum Women	33%	6%	17%	1%	14%	56%	11%	37%	2%	30%
Adolescents (Age 13 to 18)	26%	4%	1%	0%	0%	48%	19%	8%	4%	4%
TAYA (Age 16 to 25)	25%	7%	9%	1%	4%	46%	17%	36%	5%	14%
American Indian or Alaskan Native	50%	11%	17%	3%	23%	65%	14%	28%	4%	38%
Justice System-Involved Persons	43%	15%	24%	4%	14%	48%	18%	40%	7%	23%
Individuals Experiencing Homelessness	35%	14%	25%	3%	15%	43%	17%	39%	5%	24%
Individuals with Unstable Housing	37%	13%	24%	3%	14%	46%	16%	40%	5%	24%
Pierce*										
<i>All Region Medicaid Beneficiaries</i>	26%	6%	10%	3%	8%	42%	9%	26%	9%	20%
Pregnant and Postpartum Women	29%	5%	13%	3%	9%	54%	10%	35%	7%	24%
Adolescents (Age 13 to 18)	25%	2%	0%	0%	0%	34%	18%	4%	0%	2%
TAYA (Age 16 to 25)	22%	4%	6%	2%	3%	47%	12%	29%	10%	13%
American Indian or Alaskan Native	29%	6%	11%	5%	7%	45%	10%	25%	11%	15%
Justice System-Involved Persons	42%	10%	15%	6%	7%	51%	14%	31%	12%	14%
Individuals Experiencing Homelessness	33%	9%	13%	4%	10%	47%	12%	27%	9%	21%
Individuals with Unstable Housing	33%	9%	13%	4%	9%	47%	12%	29%	9%	21%
Salish*										

	Percent with a SUD Treatment Need who Received Type of Treatment					Percent with an OUD Treatment Need who Received Type of Treatment				
	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone	Outpatient	Inpatient/Residential	Buprenorphine	Naltrexone	Methadone
<i>All Region Medicaid Beneficiaries</i>	24%	8%	14%	5%	2%	31%	13%	36%	12%	4%
Pregnant and Postpartum Women	31%	7%	17%	2%	1%	38%	7%	47%	6%	4%
Adolescents (Age 13 to 18)	40%	12%	1%	0%	0%	57%	52%	10%	5%	0%
TAYA (Age 16 to 25)	32%	11%	11%	3%	1%	43%	26%	39%	12%	2%
American Indian or Alaskan Native	43%	15%	20%	8%	2%	53%	24%	43%	17%	3%
Justice System-Involved Persons	41%	19%	21%	7%	1%	40%	26%	44%	14%	2%
Individuals Experiencing Homelessness	31%	17%	20%	6%	1%	36%	24%	42%	12%	3%
Individuals with Unstable Housing	33%	14%	21%	6%	2%	39%	20%	43%	13%	4%
Southwest*										
<i>All Region Medicaid Beneficiaries</i>	28%	8%	11%	2%	5%	38%	14%	33%	8%	16%
Pregnant and Postpartum Women	27%	4%	12%	1%	4%	50%	9%	45%	3%	15%
Adolescents (Age 13 to 18)	35%	4%	0%	0%	0%	50%	20%	7%	0%	0%
TAYA (Age 16 to 25)	29%	6%	5%	1%	1%	47%	20%	29%	5%	7%
American Indian or Alaskan Native	26%	6%	10%	2%	4%	37%	11%	34%	7%	14%
Justice System-Involved Persons	49%	17%	20%	3%	5%	56%	27%	47%	8%	11%
Individuals Experiencing Homelessness	40%	18%	17%	2%	7%	52%	26%	41%	4%	16%
Individuals with Unstable Housing	39%	15%	17%	3%	6%	51%	23%	42%	7%	16%
Spokane*										
<i>All Region Medicaid Beneficiaries</i>	24%	7%	15%	2%	7%	37%	12%	39%	6%	18%
Pregnant and Postpartum Women	28%	8%	17%	2%	9%	51%	16%	45%	4%	25%
Adolescents (Age 13 to 18)	30%	5%	1%	1%	0%	35%	28%	8%	16%	0%
TAYA (Age 16 to 25)	24%	6%	9%	1%	3%	40%	18%	39%	5%	13%
American Indian or Alaskan Native	32%	10%	15%	2%	8%	46%	18%	37%	6%	19%
Justice System-Involved Persons	38%	14%	21%	3%	6%	47%	22%	45%	6%	14%
Individuals Experiencing Homelessness	33%	14%	20%	3%	9%	45%	20%	41%	6%	19%
Individuals with Unstable Housing	32%	12%	20%	2%	9%	44%	18%	43%	5%	19%
Thurston-Mason*										
<i>All Region Medicaid Beneficiaries</i>	24%	5%	11%	4%	7%	35%	8%	30%	12%	19%
Pregnant and Postpartum Women	25%	3%	9%	2%	6%	43%	6%	29%	5%	19%
Adolescents (Age 13 to 18)	37%	7%	0%	0%	0%	56%	17%	0%	0%	0%
TAYA (Age 16 to 25)	26%	6%	5%	3%	1%	35%	14%	31%	17%	6%
American Indian or Alaskan Native	43%	8%	13%	4%	11%	57%	11%	31%	9%	26%
Justice System-Involved Persons	38%	12%	19%	8%	5%	40%	15%	42%	17%	11%
Individuals Experiencing Homelessness	26%	11%	16%	7%	7%	37%	16%	36%	15%	17%
Individuals with Unstable Housing	30%	10%	15%	7%	8%	42%	15%	34%	16%	18%

*Indicates at least one Opioid Substitution Treatment Program located within the Integrated Managed Care Region as of April 2020.

STUDY POPULATION

Adult (ages 18-64) and Youth (ages 0-17) individuals enrolled in Title XIX Medicaid are the focus of these analyses. Medicaid beneficiaries with non-Medicaid primary health care coverage (also referred to as third-party liability) or who were dually eligible for Medicare and Medicaid were excluded from the analyses, as complete health care information may not be available for these individuals. Analyses were further restricted to individuals who met minimum Medicaid enrollment criteria (11 out of 12 months in the measurement year) to meet eligibility requirements for the treatment penetration rates.

This report focuses on individuals who have been diagnosed with substance use disorder (SUD) or opioid use disorder (OUD):

- **Substance Use Disorder Diagnosis** is defined as the presence of an SUD diagnosis within the measurement year (SFY 2017, 2018, or 2019) or the year prior to the measurement year. Example SUD diagnoses include diagnoses related to alcohol, amphetamines (including methamphetamine), cocaine and other stimulants, heroin and other opioids (including synthetic opioids), and cannabis. It does not include diagnoses related to tobacco use disorder.
- **Opioid Use Disorder Diagnosis** is defined as the presence of an OUD diagnosis within the measurement year (SFY 2017, 2018, or 2019) or the year prior to the measurement year. Example OUD diagnoses include diagnoses related to synthetic and non-synthetic opioids, such as heroin and fentanyl. OUD diagnoses are a subset of SUD diagnoses (all individuals with an OUD diagnosis will also be identified as having a SUD diagnosis).

Six populations of interest, as defined in the SUPPORT ACT planning grant, were also examined:

- **Pregnant and postpartum women** are defined as the presence of any pregnancy or delivery related diagnosis code within the measurement year. To ensure consistency with current Medicaid eligibility definitions, postpartum is defined as the 60 days after a delivery. Women who had given birth within the last 60 days but did not have a pregnancy or delivery related diagnosis within the measurement year were included to capture the 60-day postpartum time period. For example, if a woman gave birth in June 2018, she would be included in both the SFY 2018 population (pregnant) and the SFY 2019 population (postpartum).
- **Adolescents** are defined as individuals aged 13 to 18 years old as of the last day of the measurement year.
- **Transition Age Young Adults** are defined as individuals aged 16 to 25 years old as of the last day of the measurement year.
- **American Indian/Alaskan Native** are self-identified by the individual through the DSHS Economic Service Administration's Automated Client Eligibility System (ACES) or when enrolling in Medicaid. Individuals who self-identify as only AI/AN as well as those who identify as AI/AN and another race/ethnicity are included.
- **Justice system-involved persons** are defined as ever arrested in the measurement year. Arrests serve as a proxy for involvement with the justice system and are not intended to represent every individual who may be involved in the justice system. Arrests are identified via the WASIS database that is maintained by the Washington State Patrol. The database is comprised of arrest charges for offenses resulting in fingerprint identification. The database provides a relatively complete record of felony and gross misdemeanor charges, but excludes some arrest charges for misdemeanor offenses that are not required to be reported.
- **Persons experiencing homelessness and/or housing instability** are defined as ever being homeless or homeless with housing in the measurement year. Housing status is identified using the DSHS Economic Services Administration's Automated Client Eligibility System (ACES) that is used by caseworkers to record information about client self-reported living arrangements and shelter expenses. Separate rates are reported for persons who are homeless and unstably housed.

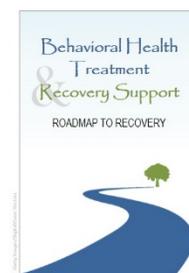
Additional variables used in this analysis include:

- **Regional attribution** was based on county of residence. Medicaid beneficiaries were attributed to the state, an integrated managed care (IMC) region, and a county based on their county of residence for the majority of the measurement year.
- **Substance Use Disorder Treatment Modalities:** We examined five treatment modalities in this report: outpatient, inpatient/residential, buprenorphine (with and without naloxone), naltrexone, and methadone. Detailed information about treatment modalities are available in the [Service Encounter Reporting Instructions](#). Additional treatment modalities, evidence-based approaches, and screenings, such as Screening, Brief Intervention, and Referral to Treatment (SBIRT), were not included due to limited prevalence in the population and/or known underreporting issues.

- *Outpatient Treatment:* Receipt of an outpatient SUD treatment service, including case management. Excludes opiate substitution treatment (OST), also known as methadone treatment.
- *Inpatient/Residential Treatment:* Receipt of inpatient or residential treatment for a SUD (excludes detoxification services).
- *Buprenorphine:* Receipt of Buprenorphine, or Buprenorphine-Naloxone for the treatment of a SUD.
- *Naltrexone:* Receipt of Naltrexone for the treatment of a SUD.
- *Methadone:* Receipt of opiate substitution treatment (methadone) for treatment of SUD.

DATA SOURCES

Data used in this report came from the integrated administrative data maintained in the Department of Social and Health Services Integrated Client Databases (ICDB). The ICDB contains data from several state administrative data systems, including the state's ProviderOne MMIS data system that contains Medicaid claims and encounter data. The ICDB allows for the examination of a broad set of measures across the following topics: access to care, quality of care, coordination of care, utilization of services, and social determinants of health.



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