

Snohomish County

Behavioral Health Treatment Needs and Outcomes

MARCH 2017

About this Report

This report provides local information for Washington counties to monitor the behavioral health treatment needs and outcomes of individuals receiving Medicaid. For each county and the state as a whole, we present indicators for four population groups: 1) disabled adults and children on Medicaid, 2) non-disabled classic Medicaid adults, 3) non-disabled Medicaid expansion adults, and 4) non-disabled children and youth on Medicaid or SCHIP. Measures include rates of behavioral health treatment need (mental health, substance use disorder, co-occurring disorder, psychotropic polypharmacy) and outcomes often associated with the treatment need: involvement in the criminal justice system, emergency department utilization, and homelessness. The rates are presented for State Fiscal Years (SFY) 2010 through 2016 by age, gender, race or ethnicity, and geographically. Rates mapped by county identify areas of the state with higher and lower needs; the maps provide a quick way to compare each county to its neighbors and other counties.

Population

To account for changes associated with the implementation of the Affordable Care Act (ACA), four groups are identified:

DISABLED-MEDICAID: Children and adults ages 0 to 64 years federally qualified under full-scope Title XIX (Medicaid) who meet disability criteria.

CLASSIC ADULT-MEDICAID: Non-disabled adults ages 18 to 64 years federally qualified under full-scope Title XIX (Medicaid) who are pregnant women or caretakers/relatives.

EXPANSION ADULT-MEDICAID: Non-disabled adults ages 19 to 64 years federally qualified under the Affordable Care Act (expanded Medicaid).

CHILD-MEDICAID: Non-disabled children ages 0 to 17 years federally qualified under full-scope Title XIX (Medicaid) and Title XXI (CHIP).

These measures were produced by the DSHS Research and Data Analysis Division *Community Outcomes and Risk Evaluation* project in collaboration with:

- DSHS Division of Behavioral Health and Recovery
- RDA Well Being Work Group

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Snohomish County

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MARCH 2017

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Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Any Behavioral Health Treatment Need

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Treatment Need and/or Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

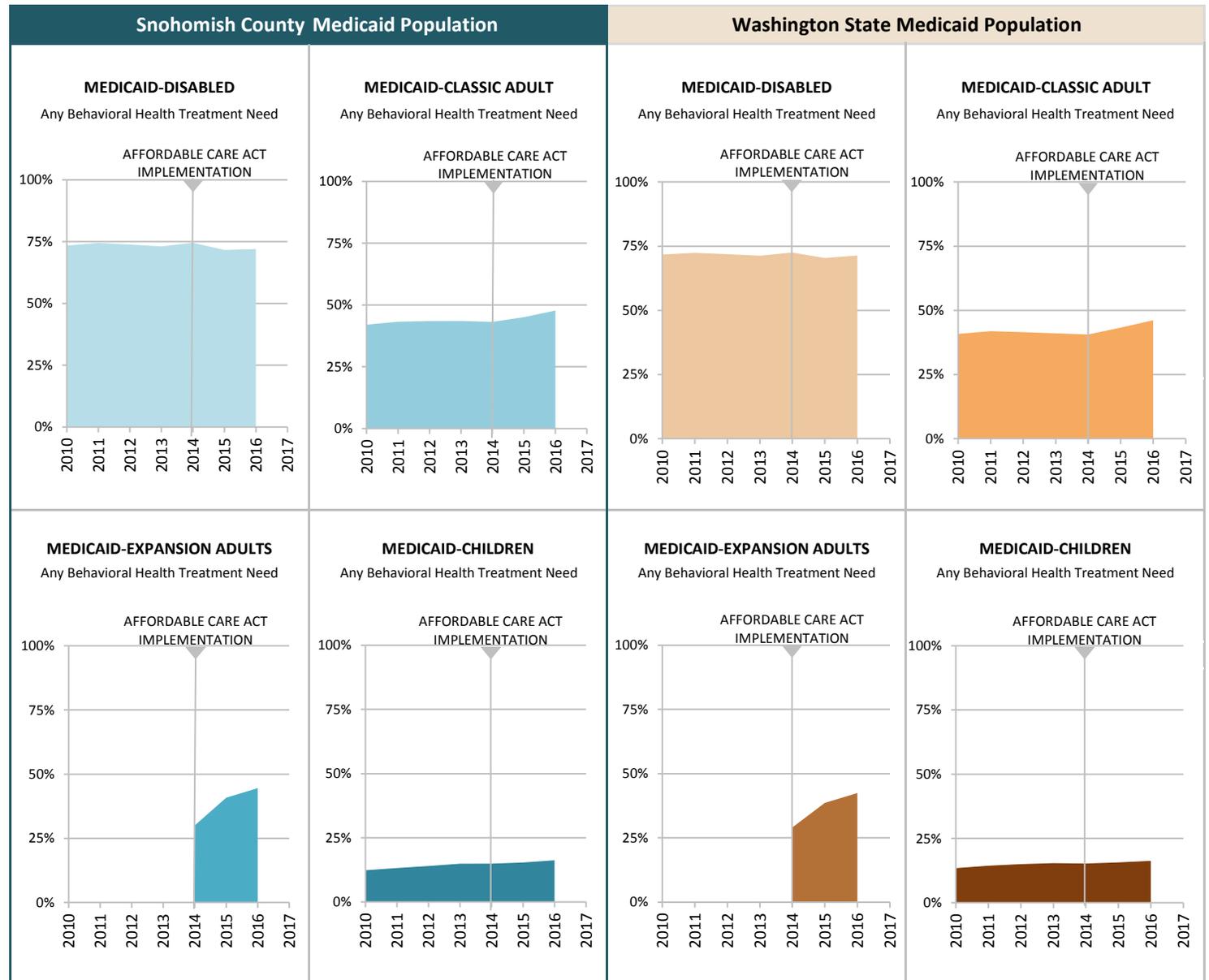
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Any Behavioral Health Treatment Need

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	73.4%	74.5%	73.8%	73.0%	74.5%	71.6%	72.0%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	7,801	8,271	8,518	8,854	8,399	5,774	5,808		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	42.0%	43.2%	43.5%	43.5%	43.1%	45.0%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	6,751	7,417	7,446	7,225	7,883	8,523	8,699		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					30.0%	40.8%	44.6%							29.1%	38.6%	42.5%
Persons w/Any BH Tx Need					9,593	22,169	27,109						104,829	231,038	284,370	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	12.4%	13.2%	14.0%	14.9%	15.0%	15.4%	16.3%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	6,874	7,865	8,486	9,036	9,591	10,277	11,423		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Any Behavioral Health Treatment Need

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Treatment Need and/or Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

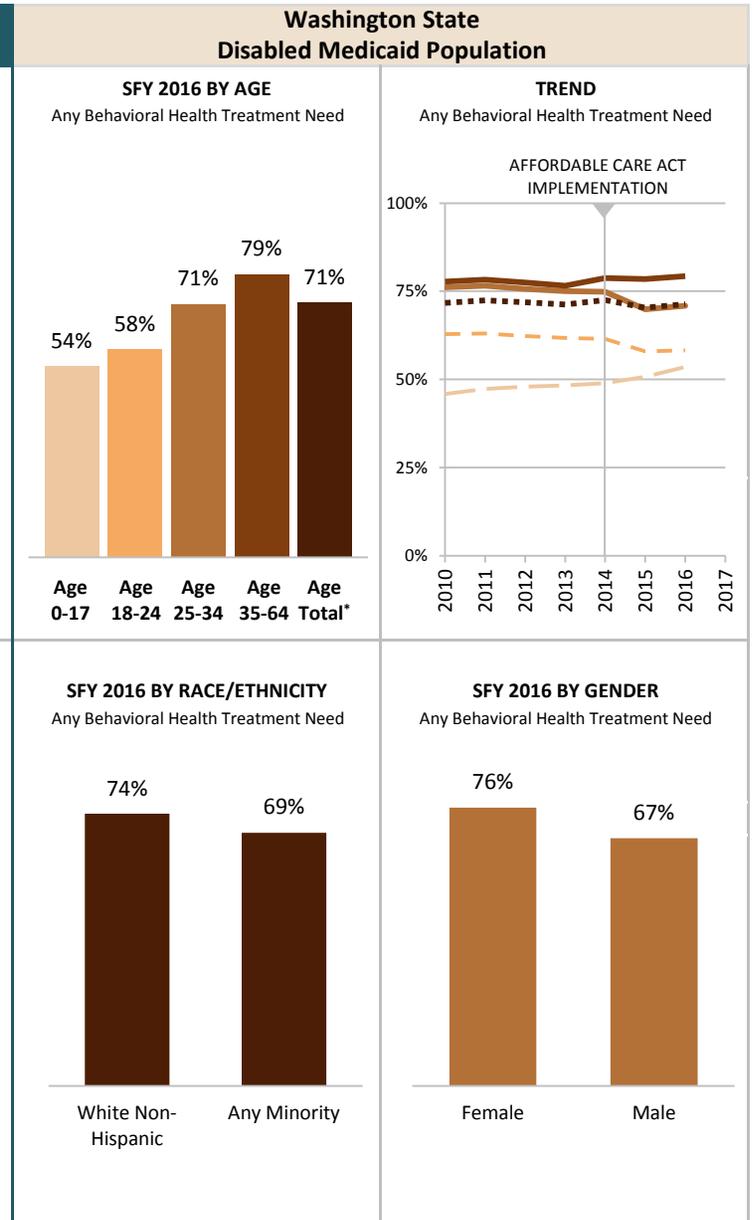
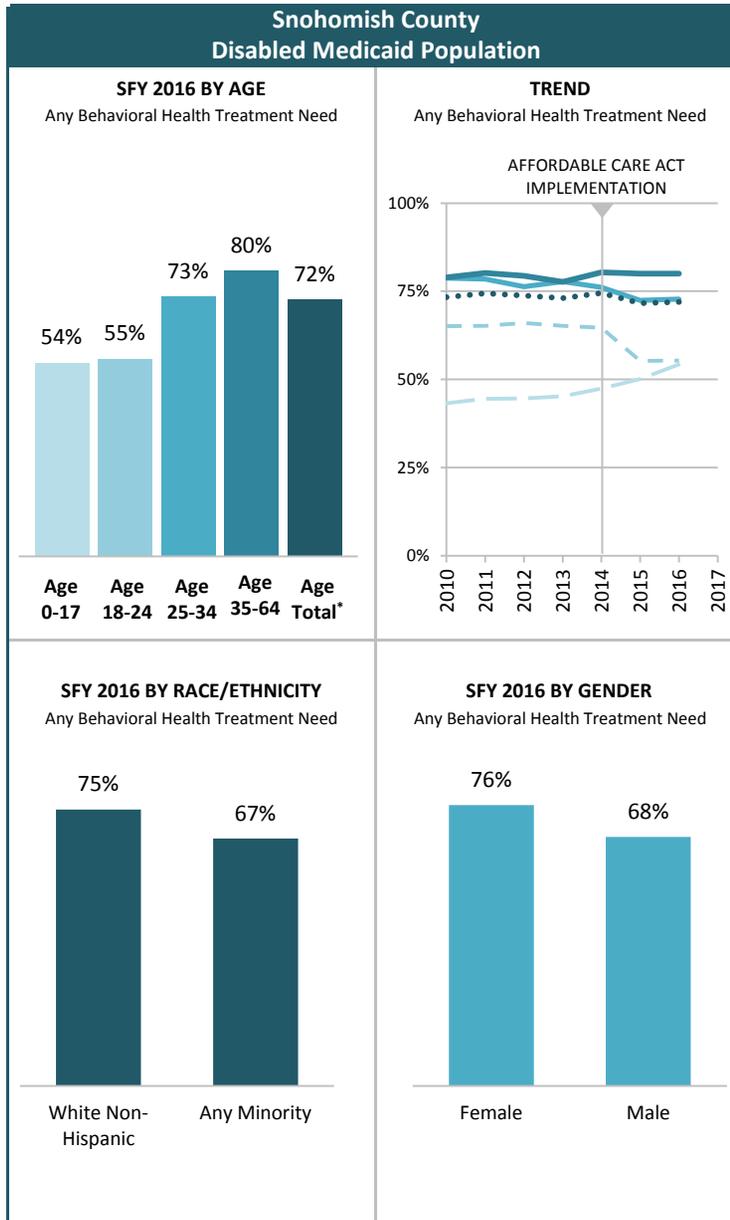
STATE:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Snohomish County Disabled Medicaid Population								Washington State Medicaid Population Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need	43.3%	44.5%	44.6%	45.3%	47.4%	50.1%	54.3%		45.9%	47.3%	47.9%	48.3%	49.0%	50.7%	53.5%	
Persons w/Any BH Tx Need	519	535	558	591	613	642	764		7,697	8,190	8,620	8,962	9,063	9,332	10,081	
Total persons	1,199	1,202	1,252	1,305	1,293	1,281	1,408		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Any BH Tx Need	65.1%	65.2%	66.0%	65.2%	64.7%	55.2%	55.3%		62.8%	63.0%	62.3%	61.8%	61.5%	58.0%	58.3%	
Persons w/Any BH Tx Need	756	767	775	728	667	465	451		7,808	7,887	7,830	7,880	7,308	5,679	5,611	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Any BH Tx Need	78.8%	78.5%	76.3%	77.8%	76.1%	72.4%	72.8%		76.1%	76.5%	75.7%	75.1%	74.8%	69.9%	70.9%	
Persons w/Any BH Tx Need	1,274	1,320	1,310	1,452	1,333	836	859		12,899	13,388	13,888	14,537	13,786	9,537	9,654	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Any BH Tx Need	78.9%	80.2%	79.3%	77.7%	80.4%	80.0%	80.0%		77.7%	78.3%	77.5%	76.6%	78.7%	78.4%	79.3%	
Persons w/Any BH Tx Need	5,252	5,649	5,875	6,083	5,786	3,831	3,734		61,190	63,560	66,195	68,726	66,067	47,610	46,909	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Any BH Tx Need	73.4%	74.5%	73.8%	73.0%	74.5%	71.6%	72.0%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	7,801	8,271	8,518	8,854	8,399	5,774	5,808		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	81.6%	83.5%	82.0%	80.7%	81.8%	80.4%	82.3%		79.6%	80.5%	79.4%	79.2%	80.0%	79.1%	79.3%	
Persons w/Any BH Tx Need	718	746	760	770	716	491	497		10,071	10,461	10,678	11,078	10,617	8,236	8,013	
Total persons	880	893	927	954	875	611	604		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Any BH Tx Need	60.6%	61.5%	60.4%	58.7%	59.2%	58.1%	58.4%		62.7%	63.8%	64.0%	63.2%	64.2%	63.5%	63.9%	
Persons w/Any BH Tx Need	341	377	369	372	361	259	271		3,867	4,032	4,117	4,270	4,115	3,209	3,189	
Total persons	563	613	611	634	610	446	464		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Any BH Tx Need	71.3%	71.3%	71.1%	70.8%	70.5%	67.8%	69.2%		72.4%	73.1%	72.6%	72.6%	73.0%	70.2%	71.7%	
Persons w/Any BH Tx Need	537	573	609	666	639	465	505		11,391	12,081	12,815	13,493	13,150	10,033	10,247	
Total persons	753	804	857	941	906	686	730		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Any BH Tx Need	57.3%	64.1%	61.3%	55.1%	58.9%	56.8%	59.5%		59.8%	61.1%	61.3%	61.0%	61.4%	59.5%	62.2%	
Persons w/Any BH Tx Need	114	157	147	145	156	100	119		1,602	1,776	1,863	2,003	1,992	1,550	1,621	
Total persons	199	245	240	263	265	176	200		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Any BH Tx Need	57.0%	60.4%	61.3%	59.1%	61.9%	56.1%	60.1%		58.2%	59.8%	60.3%	59.9%	61.0%	58.6%	61.6%	
Persons w/Any BH Tx Need	352	412	472	515	545	394	454		6,961	7,694	8,395	8,898	8,783	7,102	7,525	
Total persons	618	682	770	871	880	702	755		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Any BH Tx Need	75.7%	76.9%	76.4%	76.0%	77.6%	75.2%	75.2%		74.2%	74.8%	74.3%	73.7%	75.2%	73.3%	74.0%	
Persons w/Any BH Tx Need	5,842	6,136	6,276	6,498	6,128	4,184	4,098		58,288	59,854	61,660	63,679	60,903	44,713	44,352	
Total persons	7,717	7,983	8,215	8,545	7,893	5,566	5,452		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Any BH Tx Need	68.6%	70.0%	69.4%	67.7%	68.6%	65.3%	67.3%		69%	70%	69%	69%	70%	67%	69%	
Persons w/Any BH Tx Need	1,880	2,043	2,141	2,244	2,169	1,525	1,640		30,656	32,417	34,046	35,594	34,533	26,827	27,191	
Total persons	2,739	2,919	3,086	3,316	3,162	2,334	2,438		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Any BH Tx Need	76.6%	77.7%	77.1%	76.4%	78.0%	76.1%	76.4%		74.9%	75.6%	75.2%	74.7%	76.1%	74.8%	75.7%	
Persons w/Any BH Tx Need	4,062	4,334	4,417	4,537	4,234	2,992	2,990		46,172	47,799	49,189	50,465	48,279	37,014	36,598	
Total persons	5,302	5,577	5,729	5,935	5,428	3,933	3,913		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Any BH Tx Need	70.1%	71.2%	70.5%	69.8%	71.2%	67.3%	67.8%		68.6%	69.3%	68.7%	68.2%	69.2%	66.3%	67.4%	
Persons w/Any BH Tx Need	3,739	3,937	4,101	4,317	4,165	2,782	2,818		43,422	45,226	47,344	49,640	47,945	35,144	35,657	
Total persons	5,332	5,532	5,817	6,187	5,846	4,131	4,159		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Any Behavioral Health Treatment Need Rates

Among Medicaid-Disabled Youth and Adults, by County

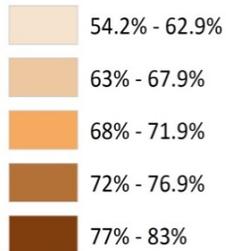
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

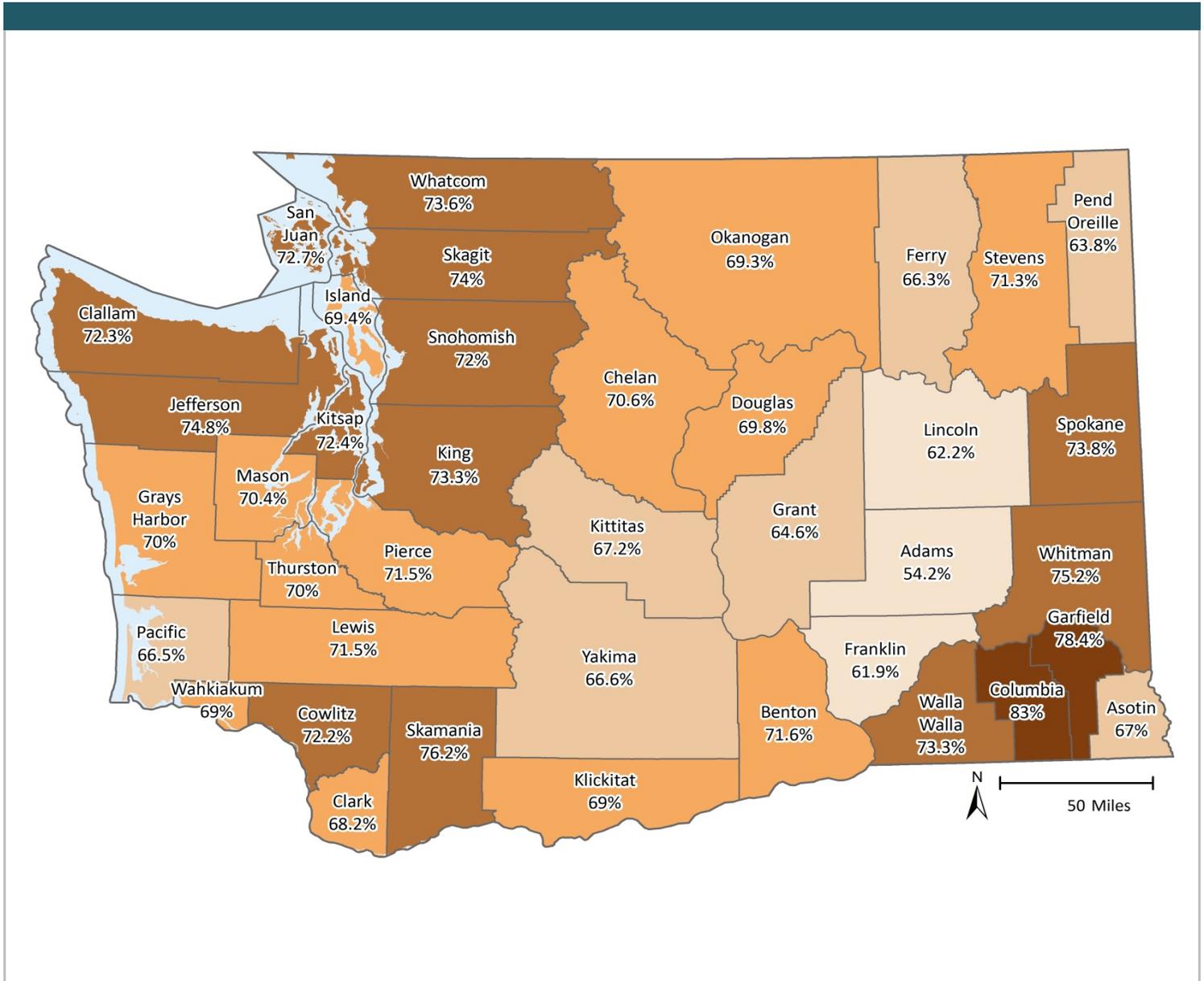
Percent of Medicaid-Disabled Youth and Adults with Any Behavioral Health Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



Any Behavioral Health Treatment Need

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Treatment Need and/or Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

STATE:

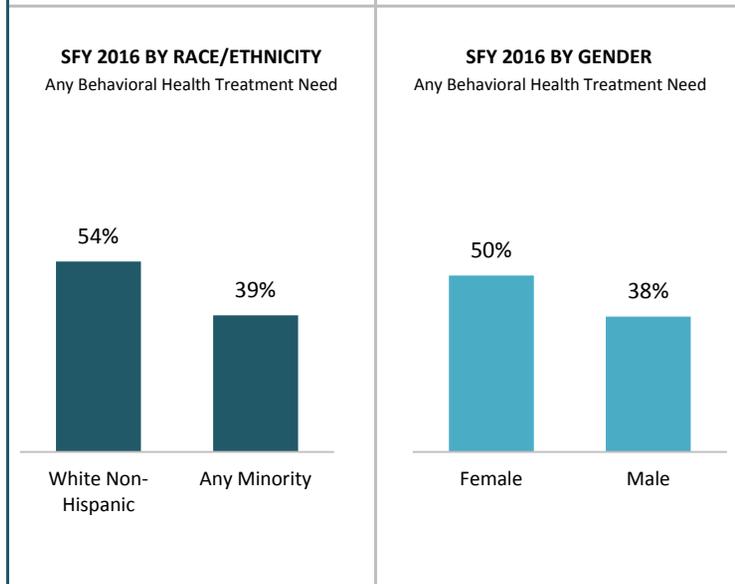
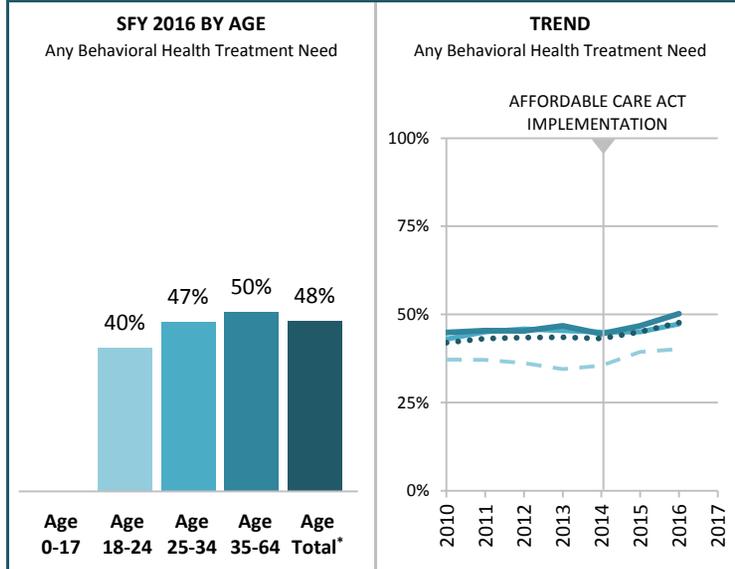
- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

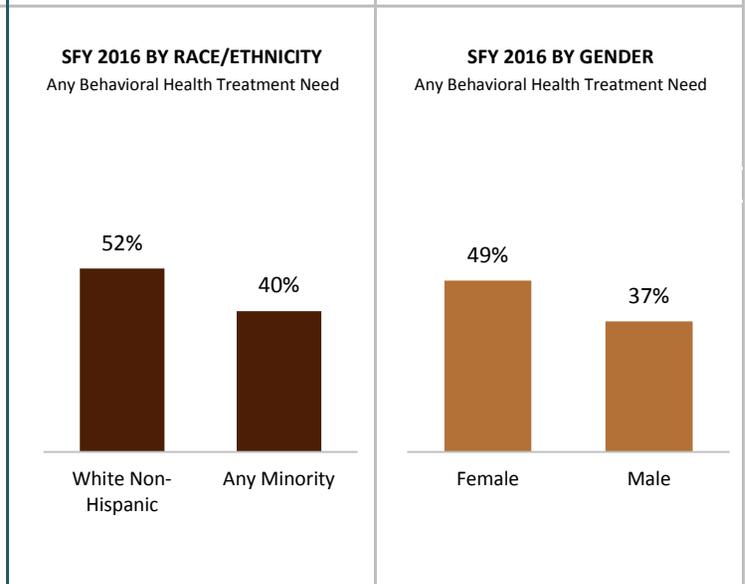
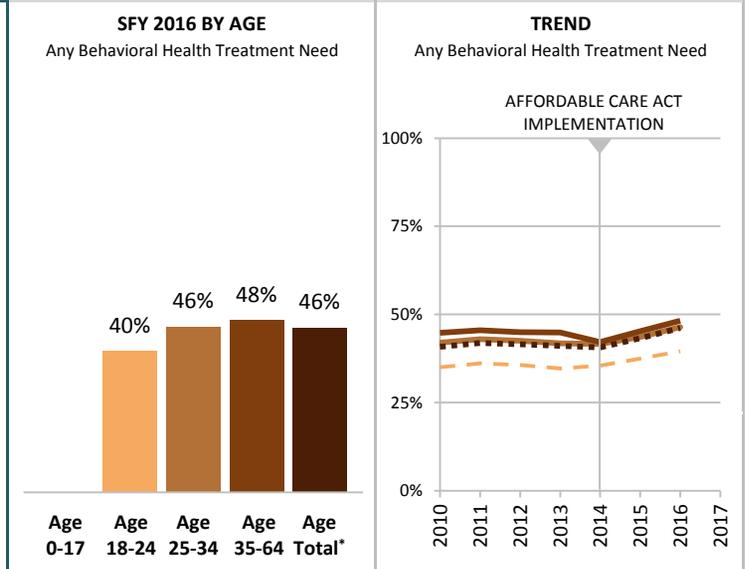
DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.

Snohomish County Classic Adult Medicaid Population



Washington State Classic Adult Medicaid Population



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Snohomish County Classic Adult Medicaid Population								Washington State Medicaid Population Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 18-24 w/Any BH Tx Need	37.2%	37.1%	36.2%	34.5%	35.5%	39.4%	40.2%		35.1%	36.2%	35.7%	34.7%	35.5%	37.5%	39.5%	
Persons w/Any BH Tx Need	1,621	1,579	1,431	1,245	1,153	1,041	934		18,811	19,242	17,930	16,238	14,925	13,030	11,807	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Any BH Tx Need	43.0%	45.0%	45.9%	45.4%	45.0%	45.1%	47.4%		42.0%	43.0%	42.5%	41.8%	41.6%	43.6%	46.4%	
Persons w/Any BH Tx Need	2,958	3,377	3,441	3,360	3,532	3,665	3,700		33,376	36,503	36,212	35,509	37,434	39,841	40,534	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Any BH Tx Need	44.9%	45.4%	45.4%	46.7%	44.6%	46.8%	50.2%		44.8%	45.5%	44.9%	44.9%	42.2%	45.2%	48.2%	
Persons w/Any BH Tx Need	2,172	2,461	2,574	2,620	3,198	3,817	4,065		24,201	26,558	26,955	27,195	32,595	39,258	41,192	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Any BH Tx Need	42.0%	43.2%	43.5%	43.5%	43.1%	45.0%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	6,751	7,417	7,446	7,225	7,883	8,523	8,699		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	62.2%	62.2%	59.4%	60.1%	61.7%	65.6%	66.5%		58.0%	58.2%	57.9%	57.5%	57.4%	59.9%	62.5%	
Persons w/Any BH Tx Need	746	758	674	632	655	667	644		9,126	9,347	9,192	8,927	8,917	8,833	8,618	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Any BH Tx Need	24.3%	25.5%	27.6%	28.3%	23.2%	26.3%	28.5%		27.3%	27.5%	27.9%	27.6%	25.1%	27.0%	29.8%	
Persons w/Any BH Tx Need	206	251	293	280	298	379	398		2,441	2,706	2,900	2,892	3,221	3,736	3,958	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Any BH Tx Need	39.4%	39.2%	40.0%	37.6%	36.8%	37.9%	38.7%		38.0%	39.3%	38.4%	37.3%	38.1%	40.0%	42.4%	
Persons w/Any BH Tx Need	451	500	515	521	550	582	577		7,772	8,662	8,589	8,401	8,871	9,046	9,007	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Any BH Tx Need	27.2%	30.0%	28.9%	27.9%	26.6%	29.0%	32.6%		26.3%	27.5%	26.9%	26.5%	25.9%	27.7%	29.9%	
Persons w/Any BH Tx Need	134	180	177	171	204	252	274		1,738	1,981	2,063	2,120	2,401	2,782	2,895	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Any BH Tx Need	33.2%	36.2%	36.9%	37.2%	36.0%	38.1%	38.5%		34.0%	35.0%	34.7%	34.0%	32.9%	36.1%	38.6%	
Persons w/Any BH Tx Need	513	614	676	690	792	903	900		9,522	10,556	10,770	10,564	12,091	13,933	14,256	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Any BH Tx Need	45.0%	46.1%	47.0%	47.2%	47.9%	50.4%	54.0%		44.4%	45.8%	45.4%	45.2%	45.4%	48.8%	52.1%	
Persons w/Any BH Tx Need	4,869	5,269	5,305	5,162	5,624	6,013	6,150		48,478	51,959	50,800	49,390	52,982	57,313	57,986	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Any BH Tx Need	38.8%	39.9%	39.1%	38.4%	36.1%	37.4%	38.7%		38%	38%	38%	37%	36%	38%	40%	
Persons w/Any BH Tx Need	1,779	2,027	2,038	1,973	2,162	2,405	2,407		26,960	29,270	29,352	28,697	31,020	33,636	33,981	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Any BH Tx Need	43.7%	45.3%	45.4%	45.3%	45.8%	47.7%	50.1%		42.5%	43.9%	43.5%	43.1%	43.1%	45.9%	48.6%	
Persons w/Any BH Tx Need	5,589	6,124	6,122	5,959	6,534	7,087	7,267		61,664	66,247	65,546	64,159	69,252	75,901	77,321	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Any BH Tx Need	35.4%	35.2%	36.2%	36.7%	33.5%	35.2%	38.5%		35.1%	35.3%	34.7%	34.2%	32.2%	34.1%	37.1%	
Persons w/Any BH Tx Need	1,162	1,293	1,324	1,266	1,349	1,436	1,432		14,724	16,056	15,551	14,783	15,702	16,228	16,212	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Any Behavioral Health Treatment Need Rates Among Medicaid-Classic Adults, by County

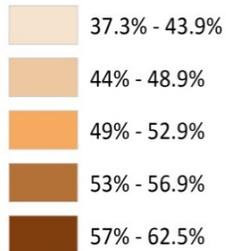
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

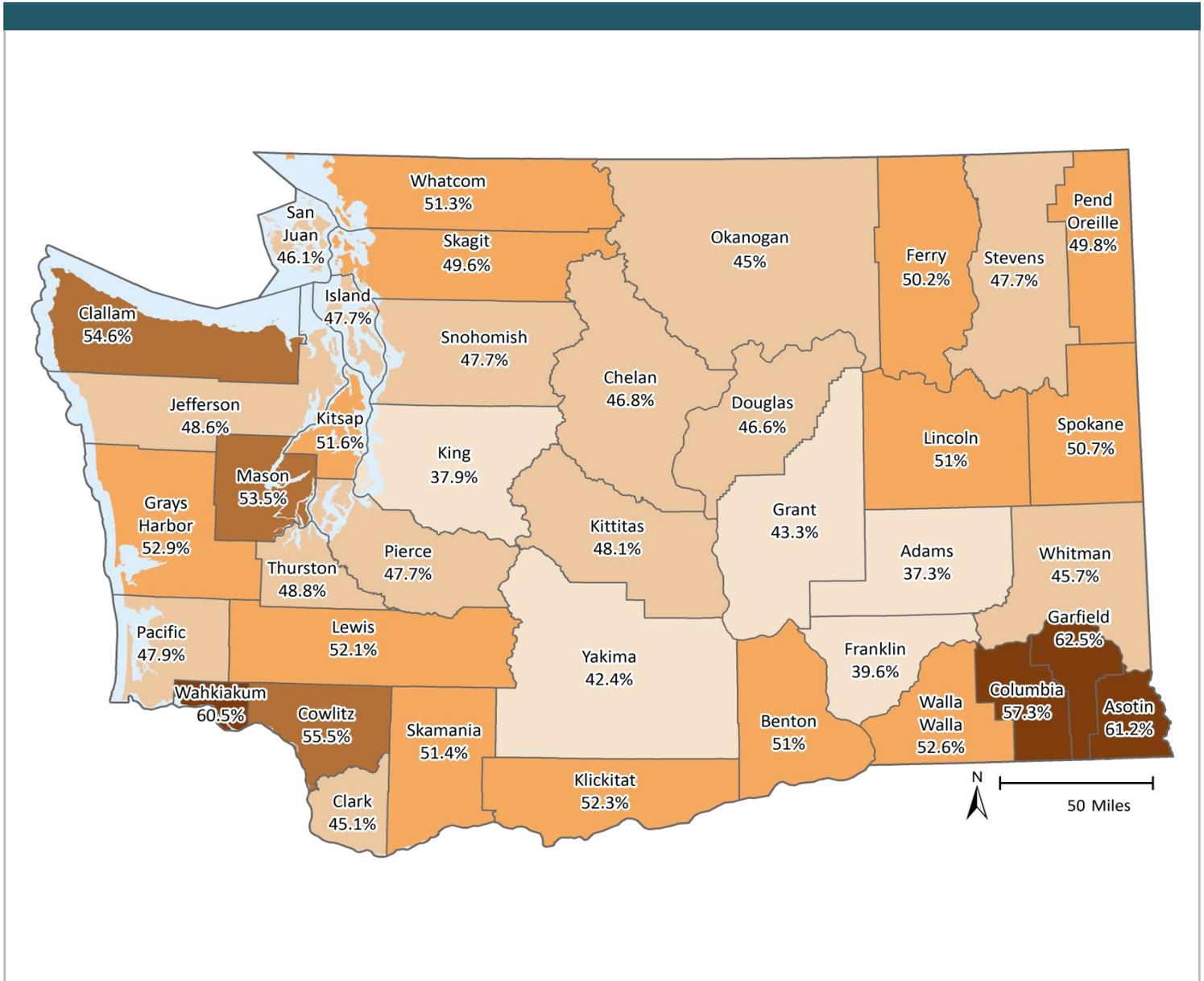
Percent of Medicaid-Classic Adults with Any Behavioral Health Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



Any Behavioral Health Treatment Need

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Treatment Need and/or Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

STATE:

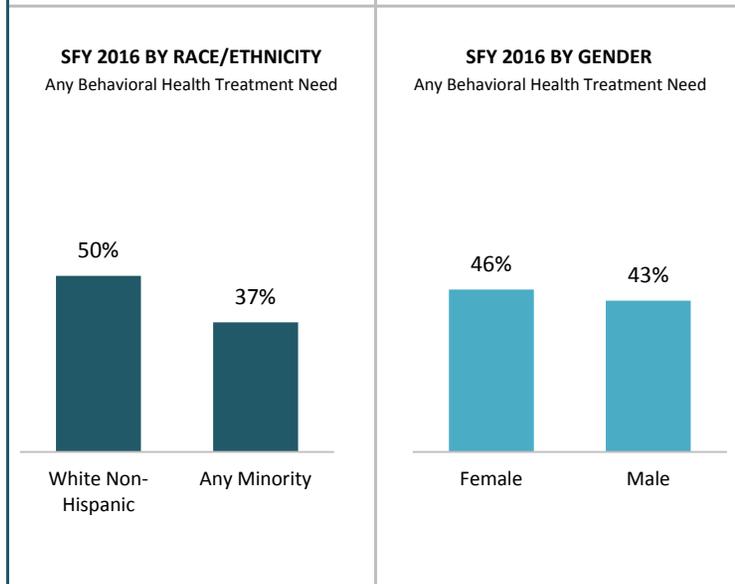
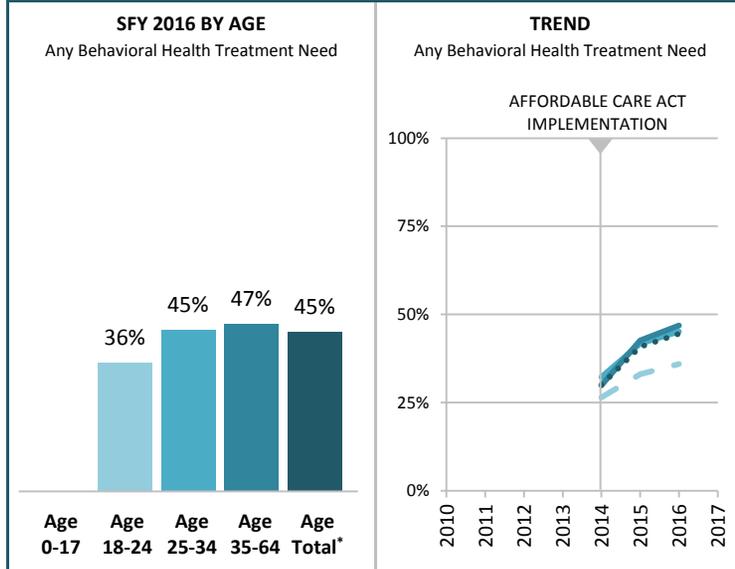
- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

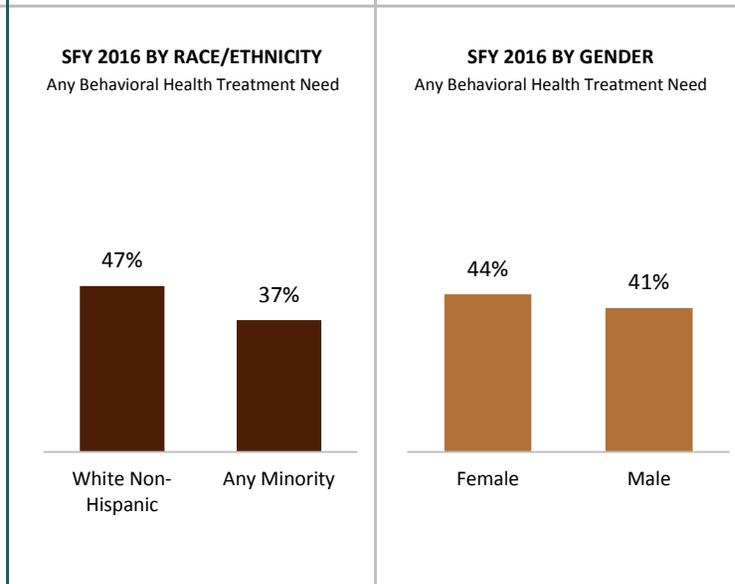
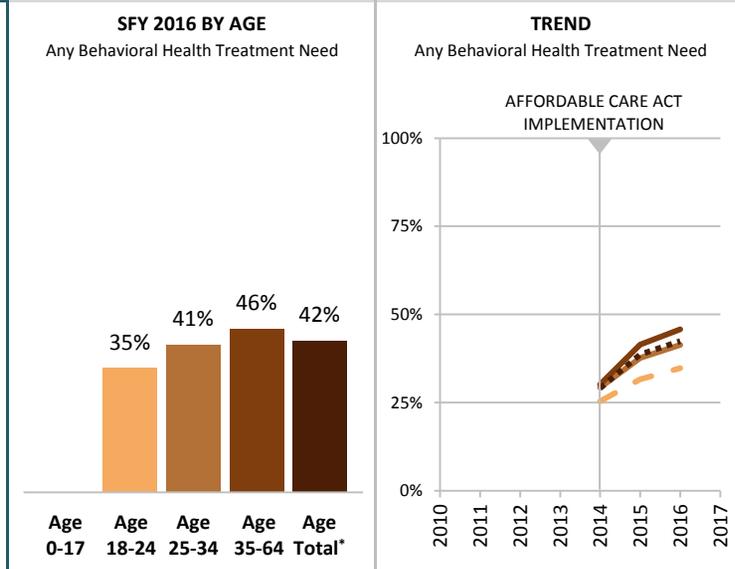
DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.

Snohomish County Expansion Adult Medicaid Population



Washington State Expansion Adult Medicaid Population



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Medicaid Population Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 18-24 w/Any BH Tx Need					26.5%	33.0%	35.9%						25.3%	31.6%	34.8%	
Persons w/Any BH Tx Need					1,267	2,855	3,616						15,169	32,694	41,688	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/Any BH Tx Need					32.2%	41.7%	45.1%						29.2%	37.7%	41.3%	
Persons w/Any BH Tx Need					2,875	6,596	8,192						29,942	66,765	84,634	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/Any BH Tx Need					29.9%	42.6%	46.9%						30.1%	41.5%	45.8%	
Persons w/Any BH Tx Need					5,451	12,718	15,301						59,718	131,579	158,048	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total¹ w/Any BH Tx Need					30.0%	40.8%	44.6%						29.1%	38.6%	42.5%	
Persons w/Any BH Tx Need					9,593	22,169	27,109						104,829	231,038	284,370	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need					52.1%	65.0%	64.9%						50.4%	58.8%	60.5%	
Persons w/Any BH Tx Need					568	1,487	1,877						8,459	17,867	21,353	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/Any BH Tx Need					11.9%	19.9%	24.0%						13.9%	21.4%	25.0%	
Persons w/Any BH Tx Need					457	1,095	1,408						4,585	10,380	12,979	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/Any BH Tx Need					24.1%	35.5%	39.2%						27.5%	38.3%	41.1%	
Persons w/Any BH Tx Need					446	1,154	1,475						7,779	18,791	23,089	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/Any BH Tx Need					17.7%	25.1%	28.4%						19.0%	25.9%	29.3%	
Persons w/Any BH Tx Need					196	489	625						2,180	5,292	6,879	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/Any BH Tx Need					23.8%	34.3%	38.2%						22.5%	31.8%	36.3%	
Persons w/Any BH Tx Need					712	1,805	2,346						11,811	26,899	35,103	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/Any BH Tx Need					35.2%	46.0%	49.7%						33.1%	42.9%	46.8%	
Persons w/Any BH Tx Need					7,286	16,279	19,499						71,668	154,974	188,282	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/Any BH Tx Need					21.4%	32.5%	36.5%						24%	33%	37%	
Persons w/Any BH Tx Need					2,126	5,377	6,904						31,339	71,097	88,980	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/Any BH Tx Need					30.2%	41.5%	46.1%						29.4%	39.8%	44.4%	
Persons w/Any BH Tx Need					4,920	11,284	14,087						52,649	116,264	145,699	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/Any BH Tx Need					29.8%	40.2%	43.0%						28.8%	37.6%	40.6%	
Persons w/Any BH Tx Need					4,673	10,885	13,022						52,180	114,774	138,671	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Any Behavioral Health Treatment Need Rates Among Medicaid-Expansion Adults, by County

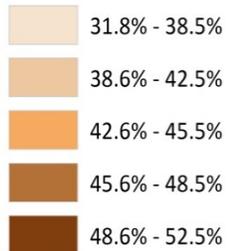
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

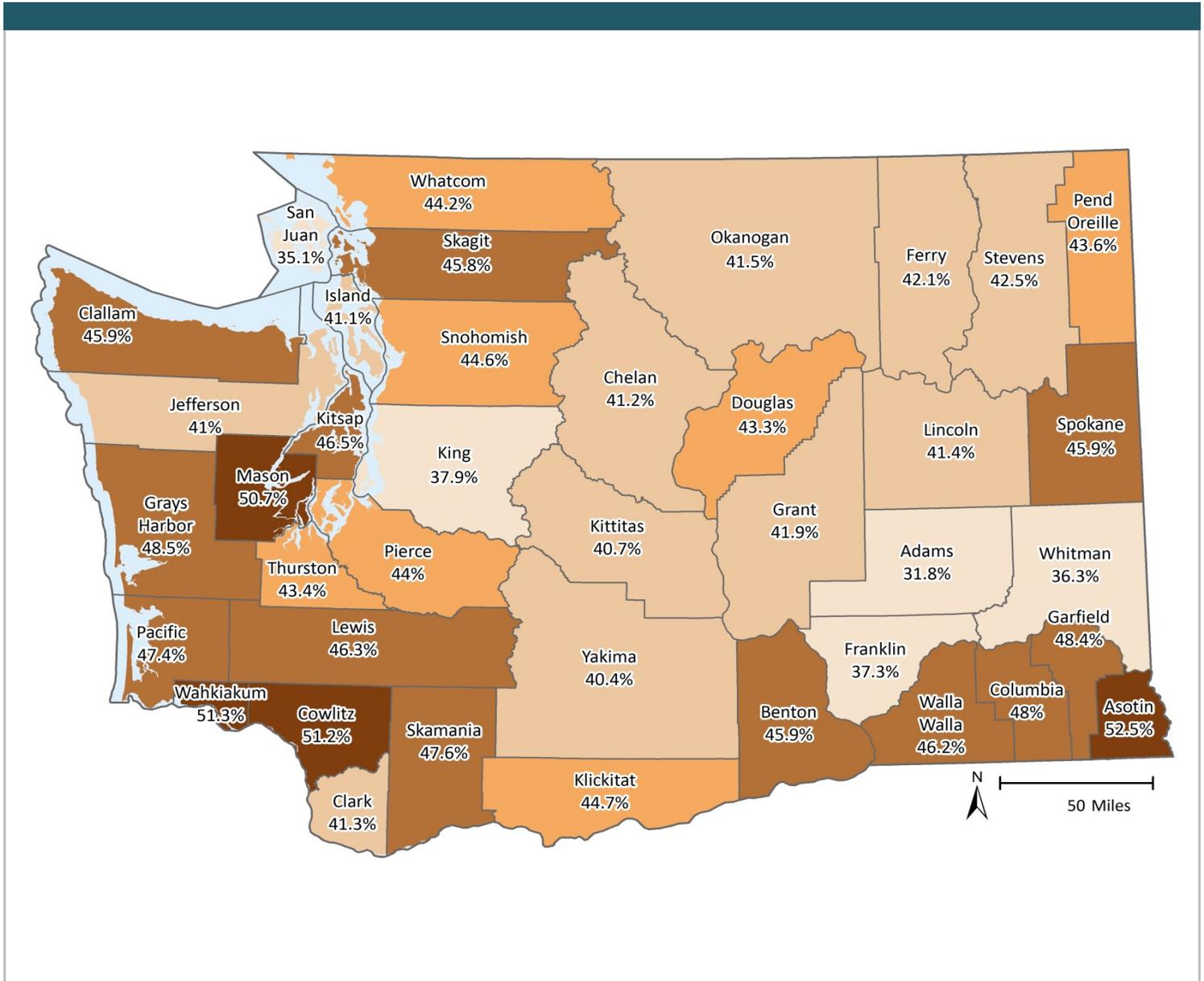
Percent of Medicaid-Expansion Adults with Any Behavioral Health Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



Any Behavioral Health Treatment Need

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Treatment Need and/or Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

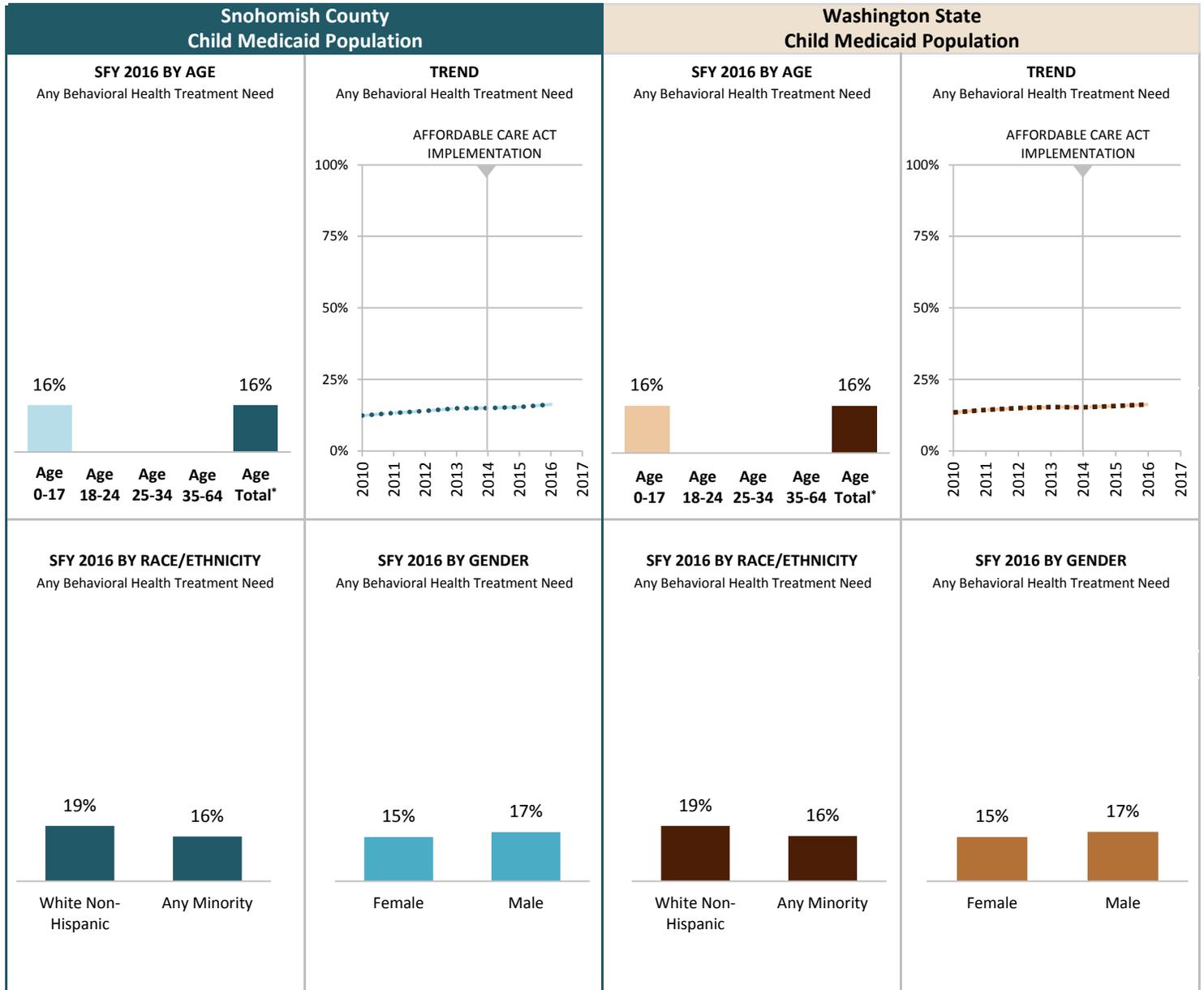
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Any Behavioral Health Treatment Need

	Snohomish County Child Medicaid Population								Washington State Medicaid Population Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need	12.4%	13.2%	14.0%	14.9%	15.0%	15.4%	16.3%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	6,874	7,865	8,486	9,036	9,591	10,277	11,423		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 25-34 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 35-64 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age Total¹ w/Any BH Tx Need	12.4%	13.2%	14.0%	14.9%	15.0%	15.4%	16.3%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	6,874	7,865	8,486	9,036	9,591	10,277	11,423		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	26.2%	26.3%	27.3%	30.1%	30.9%	31.2%	30.7%		26.7%	27.2%	27.8%	28.4%	28.4%	28.7%	29.0%	
Persons w/Any BH Tx Need	914	948	995	1,074	1,064	1,084	1,093		10,825	11,217	11,512	11,763	11,740	11,770	11,876	
Total persons	3,487	3,602	3,642	3,572	3,441	3,469	3,556		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Any BH Tx Need	7.3%	8.0%	9.0%	9.3%	10.3%	10.6%	12.0%		8.8%	9.8%	10.7%	11.1%	10.9%	11.5%	12.2%	
Persons w/Any BH Tx Need	277	331	385	405	494	533	614		3,150	3,761	4,265	4,531	4,831	5,237	5,607	
Total persons	3,780	4,124	4,267	4,342	4,809	5,040	5,120		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Any BH Tx Need	14.6%	15.4%	15.2%	15.7%	15.9%	16.2%	17.4%		16.2%	17.5%	18.0%	18.2%	18.2%	18.6%	19.1%	
Persons w/Any BH Tx Need	646	724	743	799	872	928	1,056		10,379	11,671	12,336	12,789	13,190	13,742	14,458	
Total persons	4,410	4,713	4,883	5,090	5,469	5,726	6,074		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Any BH Tx Need	7.9%	8.9%	11.0%	11.2%	11.3%	11.2%	11.5%		9.2%	10.2%	11.0%	11.4%	11.6%	11.7%	11.9%	
Persons w/Any BH Tx Need	160	209	270	285	301	327	356		2,199	2,676	3,089	3,333	3,566	3,822	4,105	
Total persons	2,024	2,358	2,447	2,541	2,675	2,926	3,096		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Any BH Tx Need	8.5%	10.0%	11.4%	12.3%	12.7%	13.3%	14.8%		10.1%	11.5%	12.5%	13.0%	13.3%	14.0%	14.9%	
Persons w/Any BH Tx Need	1,170	1,464	1,720	1,922	2,078	2,269	2,635		19,049	22,863	25,566	27,156	28,691	31,152	34,104	
Total persons	13,708	14,626	15,138	15,588	16,419	17,069	17,858		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Any BH Tx Need	15.2%	16.1%	16.8%	17.8%	17.7%	18.3%	19.3%		16.5%	17.3%	17.8%	18.3%	17.9%	18.5%	19.3%	
Persons w/Any BH Tx Need	4,041	4,518	4,739	4,969	5,235	5,572	6,020		43,255	47,356	49,303	50,706	52,492	55,528	59,503	
Total persons	26,558	28,037	28,283	27,875	29,574	30,434	31,221		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Any BH Tx Need	11.1%	12.1%	13.1%	13.9%	14.1%	14.5%	15.6%		12%	14%	14%	15%	15%	15%	16%	
Persons w/Any BH Tx Need	2,713	3,171	3,541	3,859	4,124	4,423	4,996		39,232	44,949	48,859	51,215	53,301	56,638	60,909	
Total persons	24,442	26,234	27,071	27,677	29,269	30,596	32,030		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Any BH Tx Need	11.2%	11.9%	12.7%	13.8%	13.7%	14.4%	15.4%		12.1%	12.9%	13.5%	13.9%	14.0%	14.6%	15.4%	
Persons w/Any BH Tx Need	3,078	3,510	3,798	4,120	4,339	4,757	5,341		37,086	41,769	44,419	46,375	48,733	52,676	57,970	
Total persons	27,522	29,375	29,953	29,939	31,720	32,988	34,687		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Any BH Tx Need	13.6%	14.5%	15.4%	16.1%	16.2%	16.4%	17.1%		14.8%	15.8%	16.5%	16.8%	16.5%	16.7%	17.1%	
Persons w/Any BH Tx Need	3,796	4,355	4,688	4,916	5,252	5,520	6,082		46,587	52,346	55,781	57,626	59,348	62,254	66,526	
Total persons	28,001	30,018	30,521	30,603	32,399	33,747	35,591		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Any Behavioral Health Treatment Need Rates Among Medicaid-Children, by County

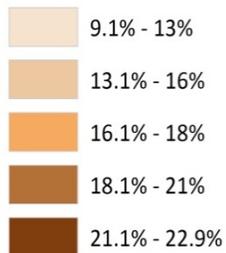
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

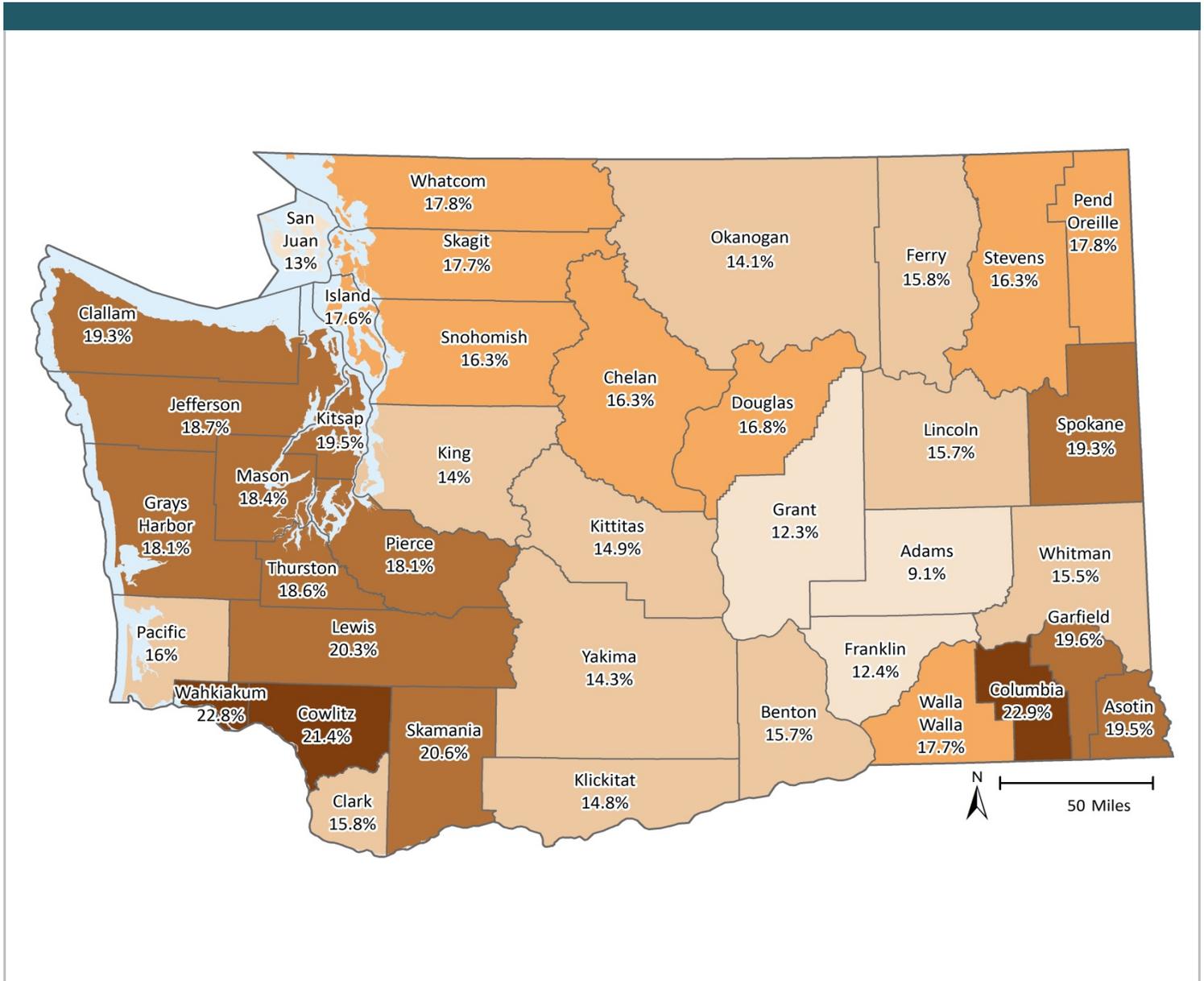
Percent of Medicaid-Children with Any Behavioral Health Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



Mental Illness Treatment Need

INDICATOR

Proportion of Medicaid sub-population having at least one indicator of Mental Illness Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | **Mental Illness Treatment Need**

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	70.1%	71.1%	69.9%	68.6%	70.4%	67.8%	68.2%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	7,456	7,896	8,067	8,317	7,939	5,468	5,504		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	35.5%	37.0%	37.5%	37.0%	37.2%	40.2%	43.4%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	5,700	6,354	6,426	6,153	6,796	7,618	7,912		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					23.0%	33.6%	38.0%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					7,341	18,221	23,109						83,208	193,369	243,541	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	11.5%	12.3%	12.9%	13.9%	14.0%	14.4%	15.1%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	6,409	7,329	7,831	8,413	8,948	9,635	10,623		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Mental Illness Treatment Need

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

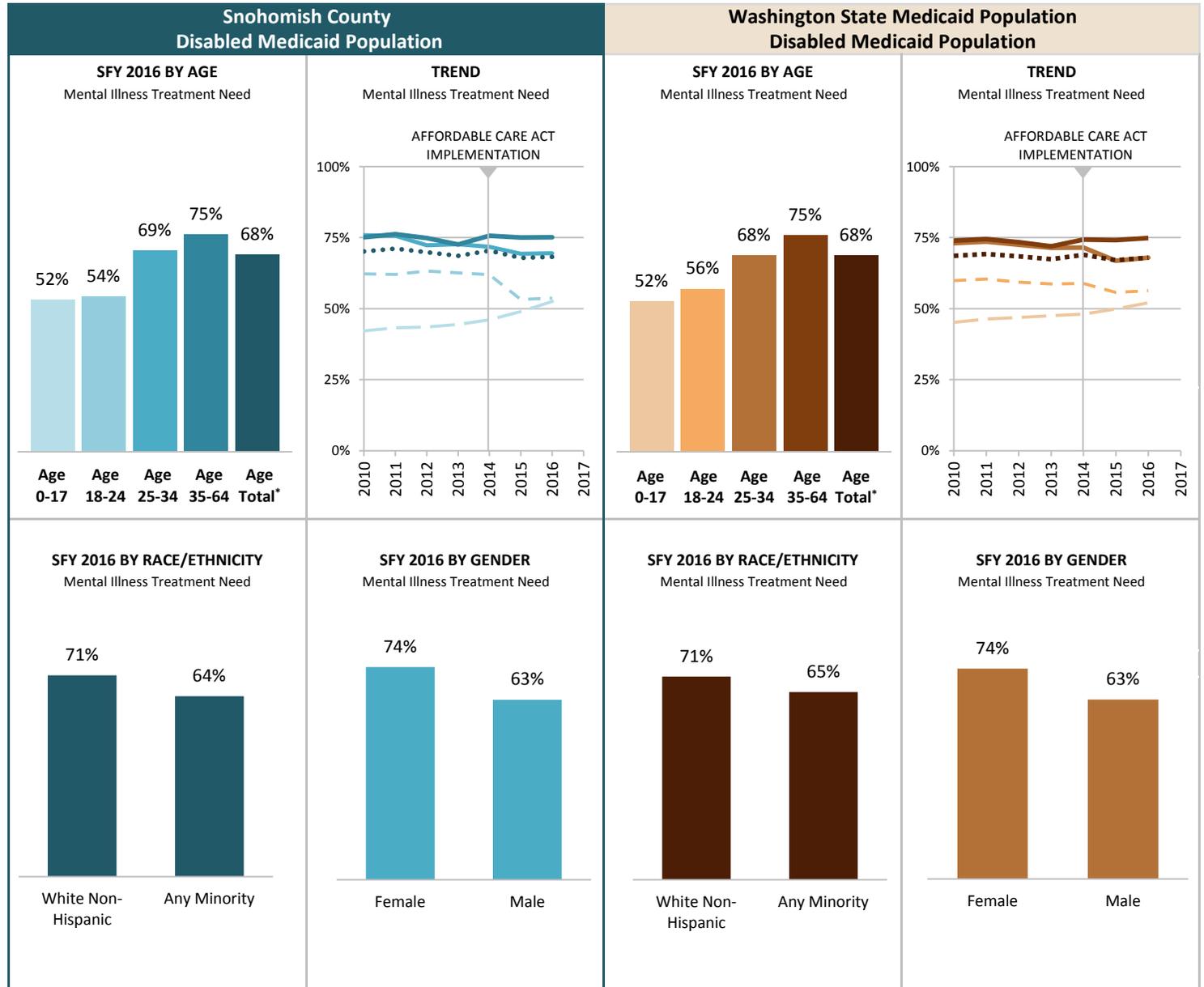
STATE:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Mental Illness Treatment Need

	Snohomish County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need	42.2%	43.3%	43.5%	44.4%	46.1%	49.0%	52.5%		45.1%	46.4%	46.9%	47.5%	48.1%	49.9%	52.1%	
Persons w/MI Tx Need	506	520	545	580	596	628	739		7,574	8,025	8,442	8,813	8,896	9,186	9,806	
Total persons	1,199	1,202	1,252	1,305	1,293	1,281	1,408		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/MI Tx Need	62.2%	62.0%	63.2%	62.6%	62.0%	53.2%	53.7%		59.9%	60.4%	59.4%	58.7%	58.9%	55.7%	56.3%	
Persons w/MI Tx Need	722	730	742	699	639	448	438		7,445	7,558	7,455	7,482	6,992	5,450	5,421	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/MI Tx Need	75.8%	75.7%	72.3%	72.7%	71.8%	69.3%	69.5%		73.0%	73.6%	72.5%	71.4%	71.5%	66.9%	67.9%	
Persons w/MI Tx Need	1,226	1,273	1,241	1,357	1,257	800	820		12,368	12,873	13,297	13,823	13,168	9,120	9,250	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/MI Tx Need	75.1%	76.2%	74.8%	72.5%	75.7%	75.1%	75.1%		73.9%	74.5%	73.4%	72.0%	74.3%	74.1%	74.9%	
Persons w/MI Tx Need	5,002	5,373	5,539	5,681	5,447	3,592	3,507		58,202	60,490	62,655	64,587	62,365	44,998	44,303	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/MI Tx Need	70.1%	71.1%	69.9%	68.6%	70.4%	67.8%	68.2%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	7,456	7,896	8,067	8,317	7,939	5,468	5,504		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	77.0%	78.7%	77.3%	75.2%	77.7%	75.9%	77.6%		74.7%	76.2%	75.0%	74.1%	75.2%	74.4%	74.3%	
Persons w/MI Tx Need	678	703	717	717	680	464	469		9,456	9,902	10,080	10,362	9,972	7,743	7,510	
Total persons	880	893	927	954	875	611	604		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/MI Tx Need	58.8%	59.2%	58.6%	56.5%	56.6%	55.8%	55.4%		60.8%	62.0%	62.1%	61.0%	62.2%	62.1%	62.1%	
Persons w/MI Tx Need	331	363	358	358	345	249	257		3,748	3,922	3,996	4,124	3,982	3,136	3,096	
Total persons	563	613	611	634	610	446	464		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/MI Tx Need	66.1%	67.5%	66.4%	66.2%	66.4%	63.4%	65.8%		68.0%	69.0%	68.5%	67.8%	68.6%	66.1%	67.4%	
Persons w/MI Tx Need	498	543	569	623	602	435	480		10,692	11,405	12,084	12,609	12,357	9,453	9,644	
Total persons	753	804	857	941	906	686	730		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/MI Tx Need	55.3%	62.0%	58.8%	53.2%	57.7%	55.1%	56.5%		57.4%	59.0%	59.1%	59.0%	59.5%	57.8%	60.0%	
Persons w/MI Tx Need	110	152	141	140	153	97	113		1,536	1,715	1,794	1,935	1,928	1,507	1,564	
Total persons	199	245	240	263	265	176	200		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/MI Tx Need	55.7%	57.3%	59.0%	55.9%	58.8%	54.0%	57.2%		55.5%	57.0%	57.1%	56.8%	58.2%	56.4%	58.9%	
Persons w/MI Tx Need	344	391	454	487	517	379	432		6,632	7,330	7,950	8,430	8,384	6,833	7,196	
Total persons	618	682	770	871	880	702	755		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/MI Tx Need	72.5%	73.5%	72.3%	71.4%	73.3%	71.1%	71.2%		71.3%	71.8%	70.9%	69.9%	71.6%	70.0%	70.7%	
Persons w/MI Tx Need	344	391	454	487	517	379	432		55,989	57,443	58,839	60,416	58,016	42,681	42,349	
Total persons	7,717	7,983	8,215	8,545	7,893	5,566	5,452		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/MI Tx Need	65.2%	66.5%	65.8%	63.6%	65.1%	62.0%	63.8%		65%	66%	66%	65%	66%	64%	65%	
Persons w/MI Tx Need	1,787	1,940	2,032	2,109	2,059	1,447	1,555		28,981	30,796	32,246	33,509	32,670	25,492	25,766	
Total persons	2,739	2,919	3,086	3,316	3,162	2,334	2,438		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/MI Tx Need	74.8%	76.0%	75.3%	74.2%	75.9%	73.8%	74.1%		73.4%	74.0%	73.5%	72.8%	74.3%	72.9%	73.5%	
Persons w/MI Tx Need	3,966	4,239	4,314	4,401	4,118	2,903	2,898		45,213	46,818	48,086	49,183	47,126	36,082	35,556	
Total persons	5,302	5,577	5,729	5,935	5,428	3,933	3,913		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/MI Tx Need	65.5%	66.1%	64.5%	63.3%	65.4%	62.1%	62.7%		63.8%	64.6%	63.5%	62.5%	63.9%	61.6%	62.8%	
Persons w/MI Tx Need	3,490	3,657	3,753	3,916	3,821	2,565	2,606		40,376	42,128	43,763	45,522	44,295	32,672	33,224	
Total persons	5,332	5,532	5,817	6,187	5,846	4,131	4,159		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Mental Illness Treatment Need Rates

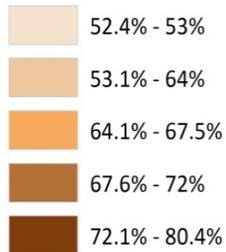
Among Medicaid-Disabled Youth and Adults, by County

SFY 2016

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

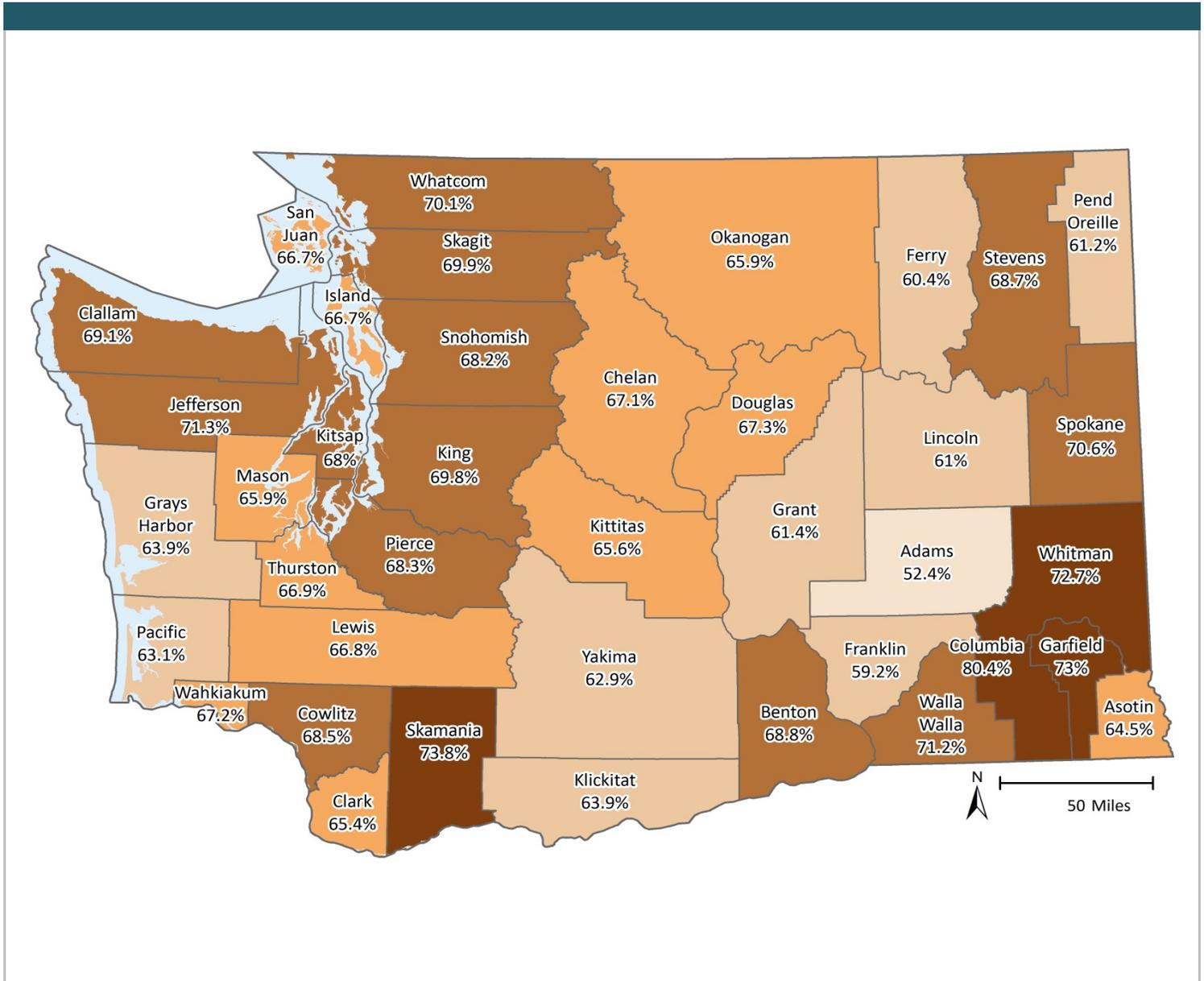
Percent of Medicaid-Disabled Youth and Adults with Mental Illness Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



Mental Illness Treatment Need

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

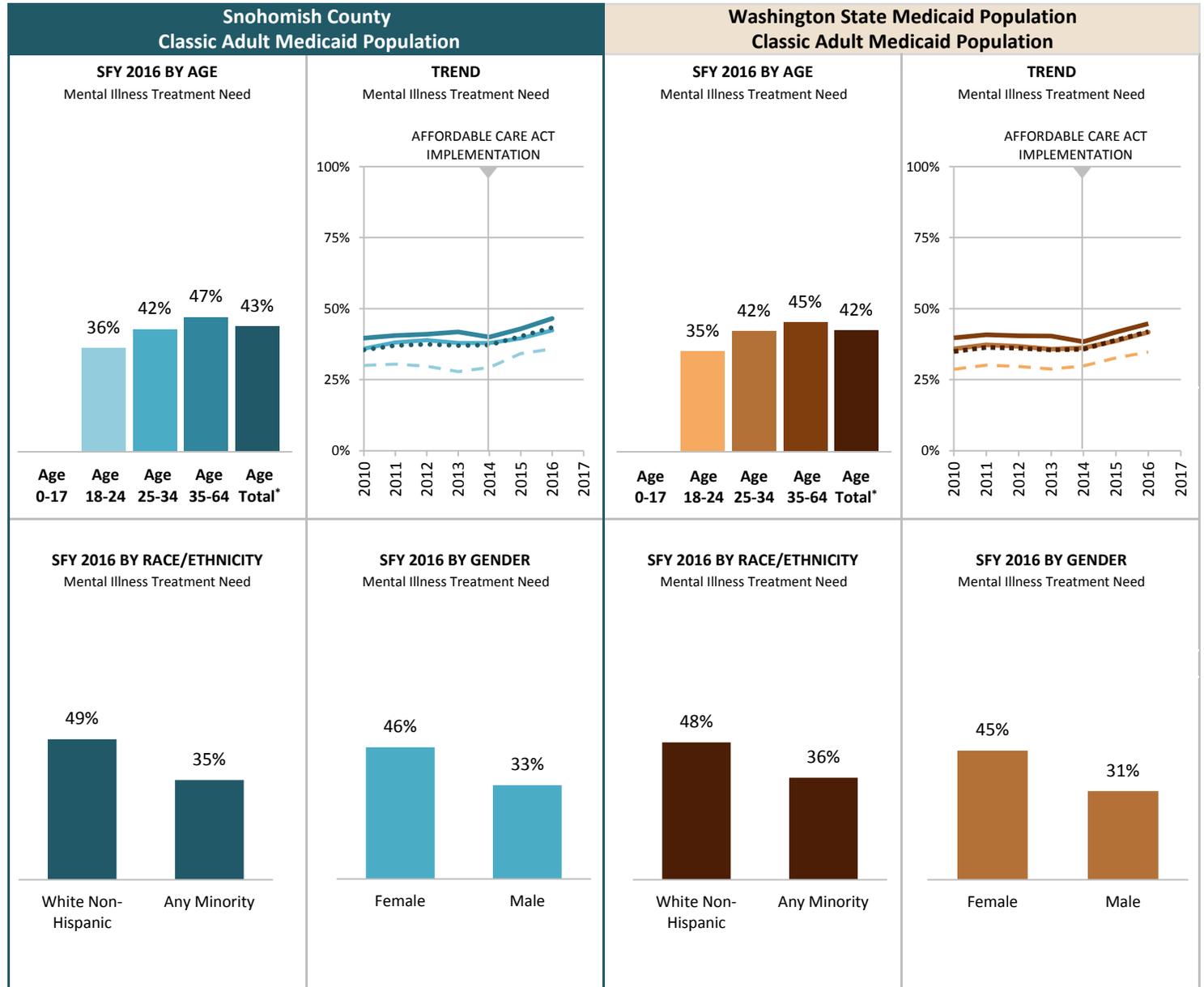
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Mental Illness Treatment Need

	Snohomish County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 18-24 w/MI Tx Need	30.0%	30.5%	29.7%	27.8%	29.3%	34.2%	35.9%		28.7%	30.1%	29.7%	28.7%	29.8%	32.6%	34.7%	
Persons w/MI Tx Need	1,308	1,298	1,175	1,005	952	903	834		15,375	16,033	14,930	13,440	12,554	11,331	10,376	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/MI Tx Need	36.0%	38.1%	38.9%	37.9%	37.9%	39.6%	42.4%		35.8%	37.3%	36.7%	35.8%	36.2%	38.7%	41.7%	
Persons w/MI Tx Need	2,474	2,859	2,922	2,806	2,975	3,216	3,309		28,470	31,662	31,287	30,377	32,525	35,327	36,407	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/MI Tx Need	39.6%	40.5%	41.0%	41.8%	40.0%	42.9%	46.6%		39.8%	40.8%	40.5%	40.4%	38.3%	41.8%	44.7%	
Persons w/MI Tx Need	1,918	2,197	2,329	2,342	2,869	3,499	3,769		21,490	23,840	24,285	24,437	29,616	36,246	38,210	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/MI Tx Need	35.5%	37.0%	37.5%	37.0%	37.2%	40.2%	43.4%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	5,700	6,354	6,426	6,153	6,796	7,618	7,912		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	51.2%	49.8%	47.0%	47.9%	48.2%	54.4%	58.0%		46.5%	47.5%	46.8%	46.0%	47.2%	50.5%	53.6%	
Persons w/MI Tx Need	614	607	533	503	511	553	561		7,306	7,620	7,435	7,139	7,323	7,455	7,387	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/MI Tx Need	19.9%	20.3%	23.3%	23.1%	19.7%	23.8%	25.6%		22.5%	22.9%	23.7%	23.4%	21.8%	24.1%	26.6%	
Persons w/MI Tx Need	169	200	247	229	253	343	357		2,012	2,256	2,464	2,448	2,794	3,336	3,539	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/MI Tx Need	31.7%	31.5%	33.5%	30.9%	30.0%	33.4%	35.5%		31.3%	33.3%	32.6%	31.5%	32.7%	35.4%	38.0%	
Persons w/MI Tx Need	363	401	432	428	448	514	530		6,407	7,327	7,285	7,088	7,623	7,997	8,081	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	26,218	21,247	
Hawaiian/PI w/MI Tx Need	22.2%	23.5%	23.5%	23.0%	22.3%	26.0%	30.1%		21.3%	22.5%	22.2%	21.6%	21.9%	24.2%	26.4%	
Persons w/MI Tx Need	109	141	144	141	171	226	253		1,406	1,619	1,703	1,734	2,028	2,430	2,552	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/MI Tx Need	27.7%	30.2%	31.5%	31.0%	30.8%	33.9%	35.3%		28.4%	29.5%	29.6%	28.9%	28.7%	32.5%	35.0%	
Persons w/MI Tx Need	429	513	577	575	678	804	824		7,938	8,918	9,178	8,972	10,522	12,537	12,907	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/MI Tx Need	38.4%	40.3%	41.1%	40.7%	41.8%	45.4%	49.2%		38.8%	40.6%	40.3%	39.9%	40.6%	44.4%	47.9%	
Persons w/MI Tx Need	429	513	577	575	678	804	824		42,400	46,084	45,054	43,542	47,321	52,141	53,278	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/MI Tx Need	31.7%	32.3%	32.5%	31.6%	29.9%	32.7%	35.0%		31%	32%	32%	31%	30%	33%	36%	
Persons w/MI Tx Need	1,452	1,639	1,695	1,624	1,789	2,101	2,173		22,085	24,464	24,585	23,928	26,494	29,661	30,248	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/MI Tx Need	38.6%	40.3%	40.7%	40.0%	40.7%	43.4%	46.1%		38.0%	39.7%	39.3%	38.6%	39.1%	42.2%	45.0%	
Persons w/MI Tx Need	4,934	5,437	5,476	5,263	5,802	6,441	6,690		55,194	59,991	59,188	57,534	62,765	69,738	71,499	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/MI Tx Need	23.3%	25.0%	25.9%	25.8%	24.7%	28.8%	32.8%		24.1%	25.4%	25.2%	24.8%	24.5%	27.7%	30.9%	
Persons w/MI Tx Need	766	917	950	890	994	1,177	1,222		10,141	11,544	11,314	10,720	11,930	13,166	13,494	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Mental Illness Treatment Need Rates

Among Medicaid-Classic Adults, by County

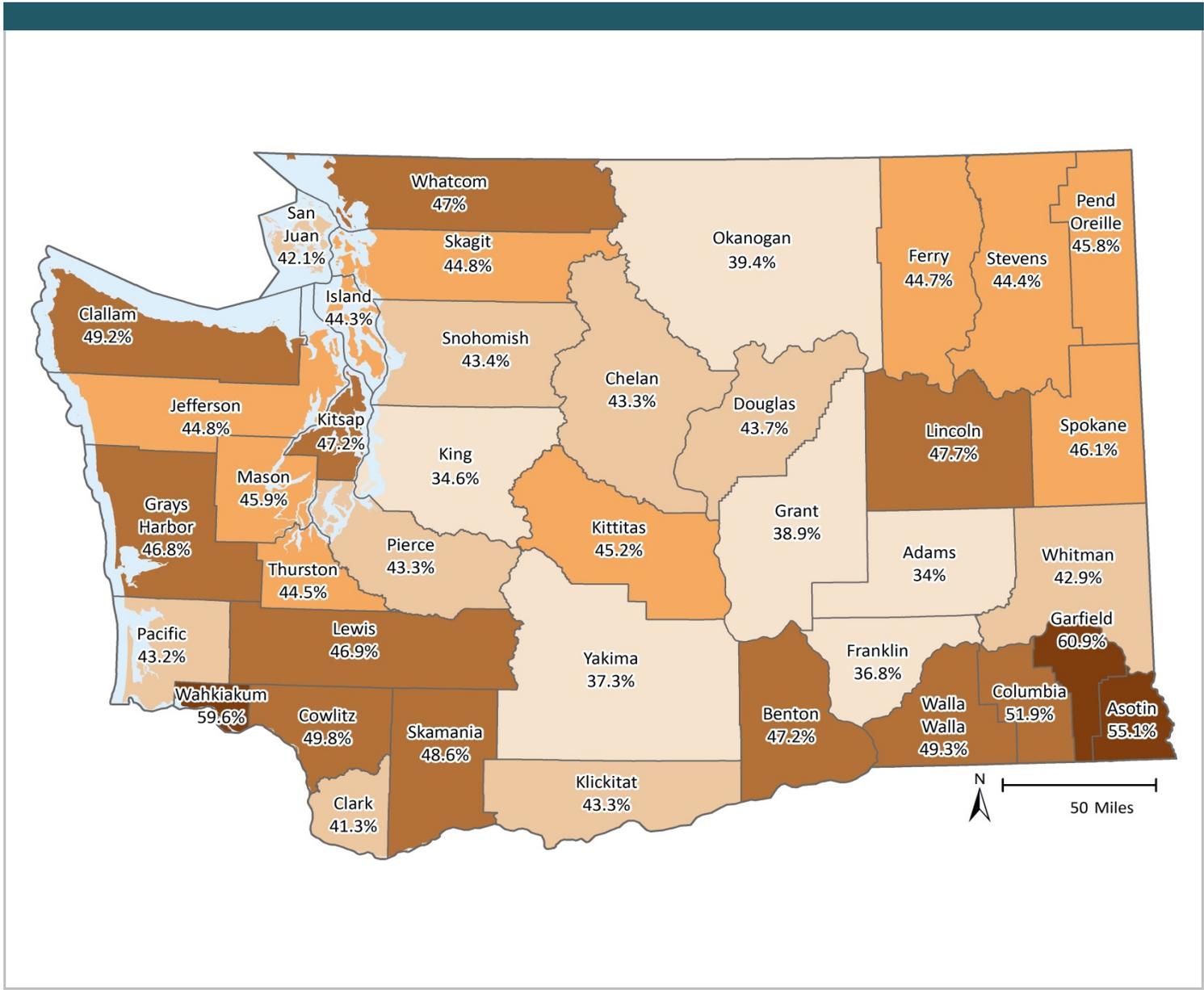
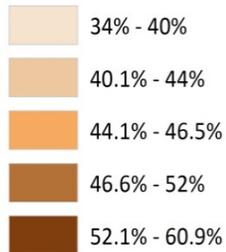
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

Percent of Medicaid-Classic Adults with Mental Illness Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. The Classic Adult-Medicaid category does not children.

*Those age 65 and older have been excluded due to incomplete data.

Mental Illness Treatment Need

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

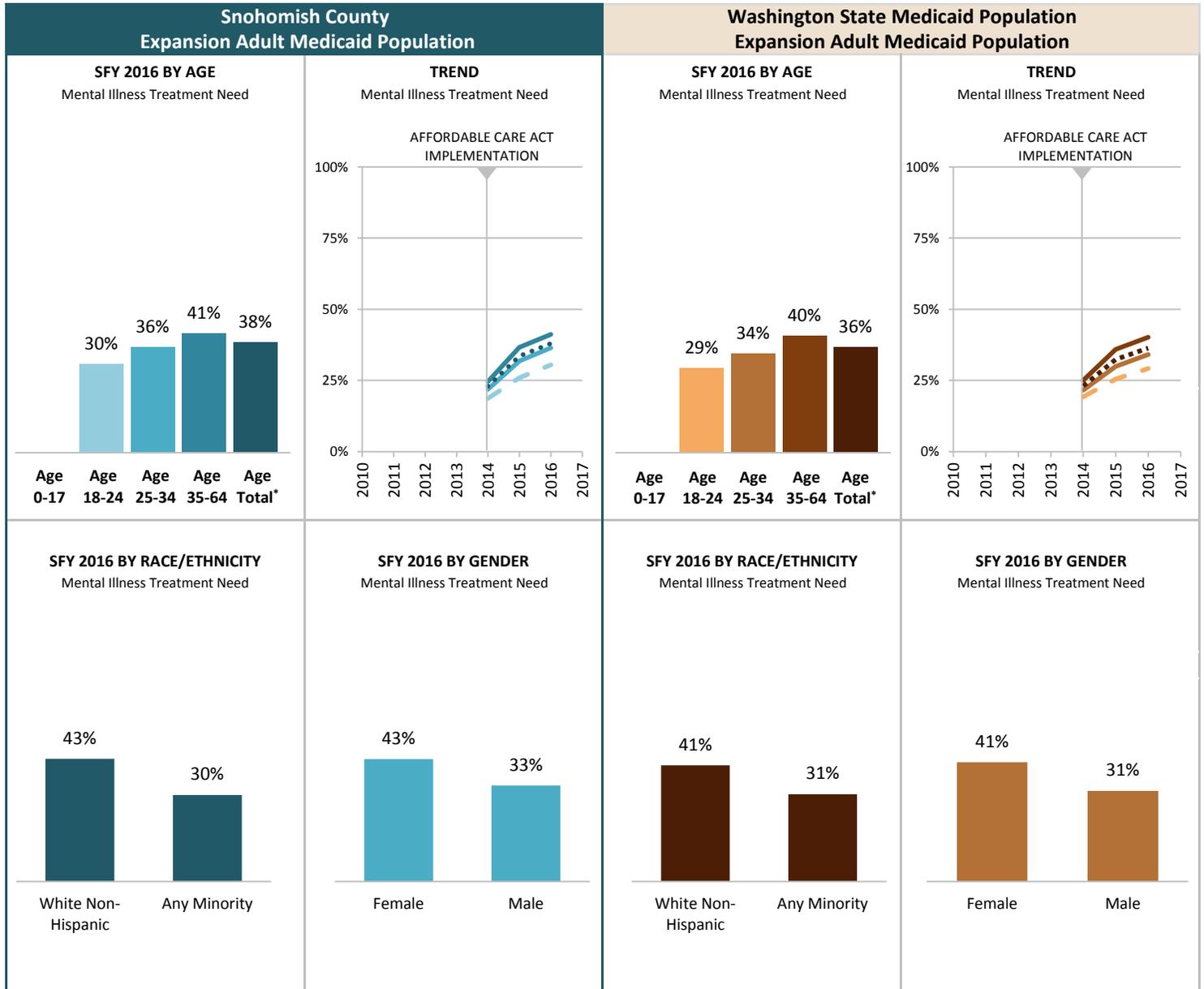
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Mental Illness Treatment Need

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 18-24 w/MI Tx Need					18.7%	26.0%	30.5%						19.3%	25.5%	29.2%	
Persons w/MI Tx Need					896	2,245	3,064						11,523	26,376	35,007	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/MI Tx Need					21.9%	31.8%	36.4%						21.6%	30.0%	34.1%	
Persons w/MI Tx Need					1,955	5,026	6,609						22,106	53,137	69,766	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/MI Tx Need					24.6%	36.7%	41.2%						25.0%	35.9%	40.2%	
Persons w/MI Tx Need					4,490	10,950	13,436						49,579	113,856	138,768	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total¹ w/MI Tx Need					23.0%	33.6%	38.0%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					7,341	18,221	23,109						83,208	193,369	243,541	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need					33.1%	46.9%	48.8%						35.5%	44.7%	47.3%	
Persons w/MI Tx Need					361	1,073	1,411						5,962	13,594	16,692	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/MI Tx Need					8.9%	16.6%	21.1%						11.1%	18.2%	21.8%	
Persons w/MI Tx Need					342	912	1,238						3,650	8,823	11,294	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/MI Tx Need					16.5%	27.2%	31.6%						19.4%	29.9%	33.2%	
Persons w/MI Tx Need					305	886	1,189						5,495	14,676	18,660	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/MI Tx Need					12.6%	20.2%	24.4%						14.2%	21.2%	24.5%	
Persons w/MI Tx Need					140	393	535						1,627	4,325	5,743	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/MI Tx Need					17.0%	27.9%	32.6%						17.3%	26.0%	30.3%	
Persons w/MI Tx Need					509	1,468	1,999						9,053	22,001	29,358	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/MI Tx Need					27.4%	38.2%	42.7%						26.9%	36.5%	40.7%	
Persons w/MI Tx Need					509	1,468	1,999						58,254	131,865	163,838	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/MI Tx Need					15.1%	25.7%	30.1%						18%	27%	31%	
Persons w/MI Tx Need					1,500	4,251	5,695						23,326	57,043	73,298	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/MI Tx Need					26.5%	37.8%	42.6%						26.5%	36.8%	41.4%	
Persons w/MI Tx Need					4,303	10,282	13,001						47,466	107,650	135,980	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/MI Tx Need					19.4%	29.3%	33.4%						19.7%	28.1%	31.5%	
Persons w/MI Tx Need					3,038	7,939	10,108						35,742	85,719	107,561	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Mental Illness Treatment Need Rates

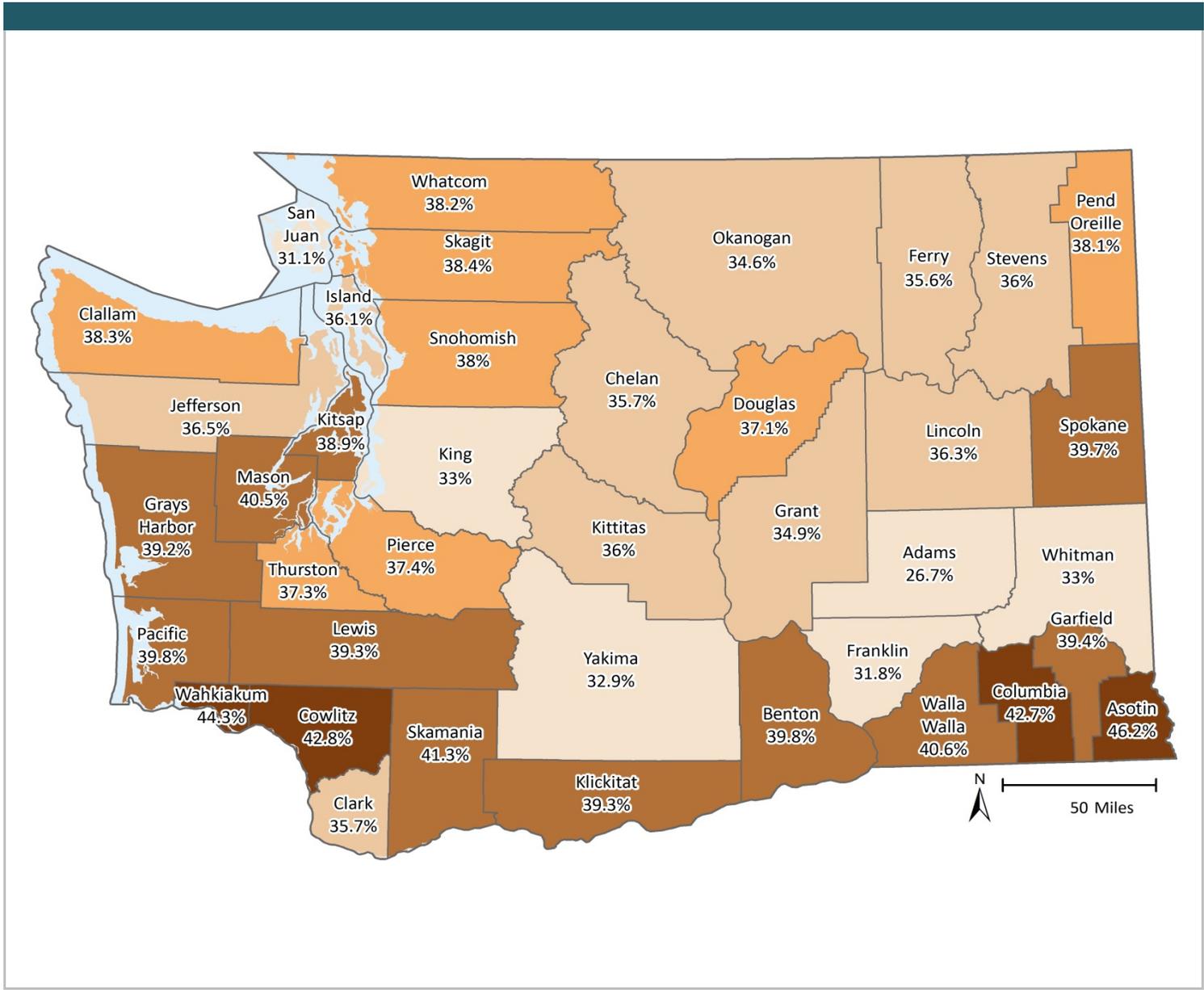
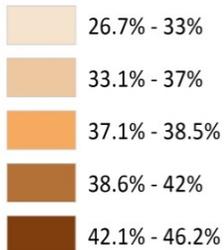
Among Medicaid-Expansion Adults, by County

SFY 2016

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

Percent of Medicaid-Expansion Adults with Mental Illness Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



Snohomish County

Behavioral Health Treatment Needs and Outcomes

Mental Illness Treatment Need

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

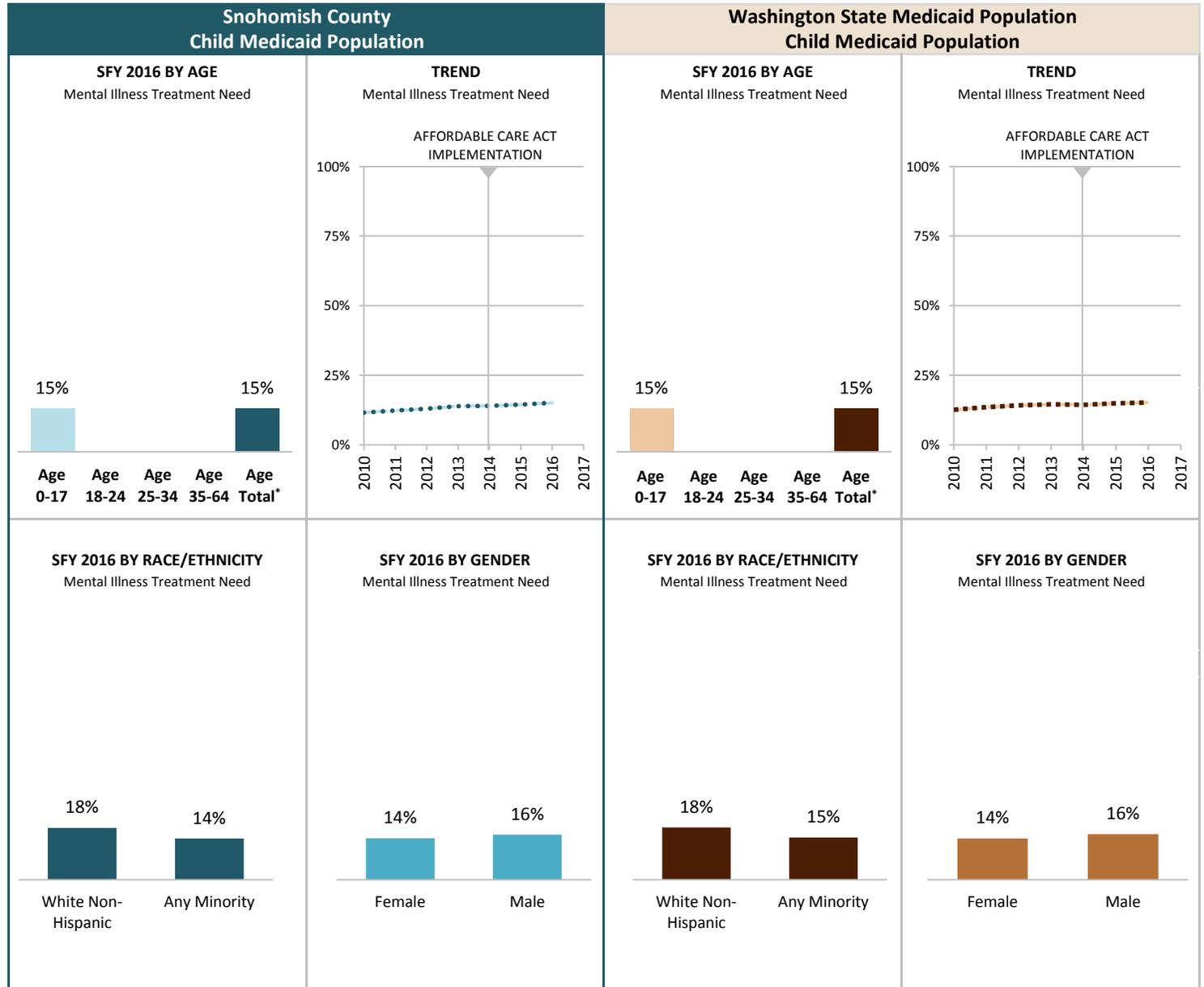
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Mental Illness Treatment Need

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need	11.5%	12.3%	12.9%	13.9%	14.0%	14.4%	15.1%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	6,409	7,329	7,831	8,413	8,948	9,635	10,623		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 25-34 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 35-64 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age Total¹ w/MI Tx Need	11.5%	12.3%	12.9%	13.9%	14.0%	14.4%	15.1%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	6,409	7,329	7,831	8,413	8,948	9,635	10,623		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	24.1%	24.4%	24.5%	27.1%	28.0%	28.7%	28.3%		25.0%	25.5%	26.1%	26.6%	26.6%	27.0%	27.2%	
Persons w/MI Tx Need	839	878	892	969	964	994	1,005		10,124	10,518	10,803	11,016	10,988	11,075	11,107	
Total persons	3,487	3,602	3,642	3,572	3,441	3,469	3,556		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/MI Tx Need	6.8%	7.4%	8.4%	8.8%	9.7%	10.1%	11.0%		8.2%	9.2%	10.1%	10.5%	10.4%	11.0%	11.4%	
Persons w/MI Tx Need	258	304	359	381	465	510	561		2,945	3,535	4,027	4,280	4,588	5,018	5,242	
Total persons	3,780	4,124	4,267	4,342	4,809	5,040	5,120		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/MI Tx Need	13.5%	14.2%	13.9%	14.7%	14.7%	15.1%	15.9%		15.2%	16.5%	16.9%	17.1%	17.1%	17.6%	17.7%	
Persons w/MI Tx Need	595	670	680	749	806	865	965		9,732	10,966	11,601	11,996	12,406	12,998	13,410	
Total persons	4,410	4,713	4,883	5,090	5,469	5,726	6,074		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/MI Tx Need	7.4%	8.3%	9.8%	10.3%	10.5%	10.6%	10.7%		8.5%	9.4%	10.3%	10.7%	10.9%	11.2%	11.1%	
Persons w/MI Tx Need	149	195	240	261	281	310	332		2,047	2,482	2,869	3,122	3,356	3,641	3,824	
Total persons	2,024	2,358	2,447	2,541	2,675	2,926	3,096		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/MI Tx Need	8.0%	9.2%	10.4%	11.4%	11.8%	12.4%	13.7%		9.3%	10.7%	11.7%	12.2%	12.4%	13.2%	13.7%	
Persons w/MI Tx Need	1,091	1,344	1,575	1,777	1,937	2,123	2,453		17,602	21,231	23,874	25,391	26,865	29,350	31,475	
Total persons	13,708	14,626	15,138	15,588	16,419	17,069	17,858		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/MI Tx Need	14.3%	15.1%	15.6%	16.7%	16.6%	17.3%	18.2%		15.6%	16.5%	17.0%	17.4%	17.1%	17.7%	18.3%	
Persons w/MI Tx Need	1,091	1,344	1,575	1,777	1,937	2,123	2,453		41,012	45,050	46,938	48,308	50,093	53,199	56,192	
Total persons	26,558	28,037	28,283	27,875	29,574	30,434	31,221		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/MI Tx Need	10.3%	11.1%	11.9%	12.9%	13.1%	13.5%	14.4%		11%	13%	13%	14%	14%	14%	15%	
Persons w/MI Tx Need	2,510	2,922	3,230	3,566	3,824	4,133	4,611		36,497	41,975	45,769	47,952	49,979	53,474	56,412	
Total persons	24,442	26,234	27,071	27,677	29,269	30,596	32,030		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/MI Tx Need	10.5%	11.2%	11.7%	12.9%	12.8%	13.7%	14.5%		11.4%	12.3%	12.8%	13.3%	13.3%	14.0%	14.4%	
Persons w/MI Tx Need	2,892	3,283	3,517	3,857	4,071	4,532	5,016		35,149	39,693	42,300	44,175	46,483	50,562	54,303	
Total persons	27,522	29,375	29,953	29,939	31,720	32,988	34,687		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/MI Tx Need	12.6%	13.5%	14.1%	14.9%	15.1%	15.1%	15.8%		13.8%	14.8%	15.5%	15.8%	15.5%	15.8%	15.9%	
Persons w/MI Tx Need	3,517	4,046	4,314	4,556	4,877	5,103	5,607		43,448	49,025	52,319	54,039	55,738	58,681	61,752	
Total persons	28,001	30,018	30,521	30,603	32,399	33,747	35,591		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Mental Illness Treatment Need Rates

Among Medicaid-Children, by County

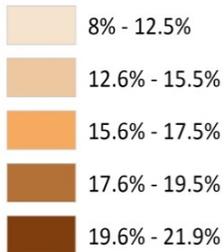
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

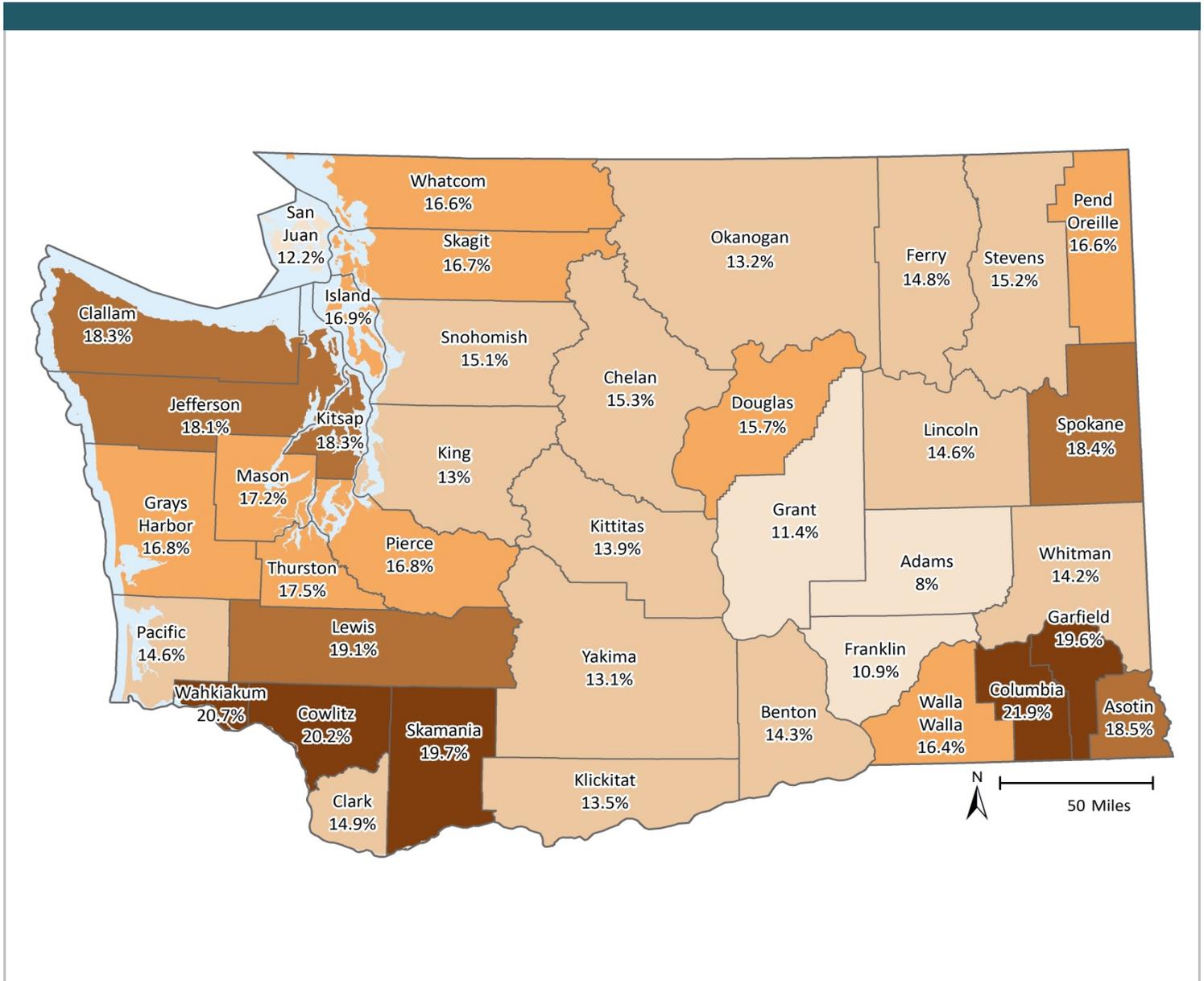
Percent of Medicaid-Children with Mental Illness Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



Substance Use Disorder Treatment Need

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Treatment Need within the SFY or the prior SFY. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data. SUD measures include ages 12-64.



SUPPORTING TABLES | Substance Use Disorder Treatment Need

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	29.9%	30.8%	32.0%	33.9%	35.8%	32.4%	32.1%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx Need	2,952	3,191	3,434	3,835	3,746	2,354	2,326		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	16.8%	16.9%	17.2%	17.8%	17.4%	17.1%	17.5%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx Need	2,699	2,901	2,954	2,963	3,180	3,236	3,196		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					13.7%	18.9%	19.8%						12.3%	16.4%	17.6%	
Persons w/SUD Tx Need					4,394	10,281	12,066						44,496	98,286	117,882	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	5.2%	5.1%	5.5%	5.7%	5.1%	5.1%	4.4%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	725	780	877	927	905	943	871		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Substance Use Disorder Treatment Need

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Treatment Need within the SFY or the prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

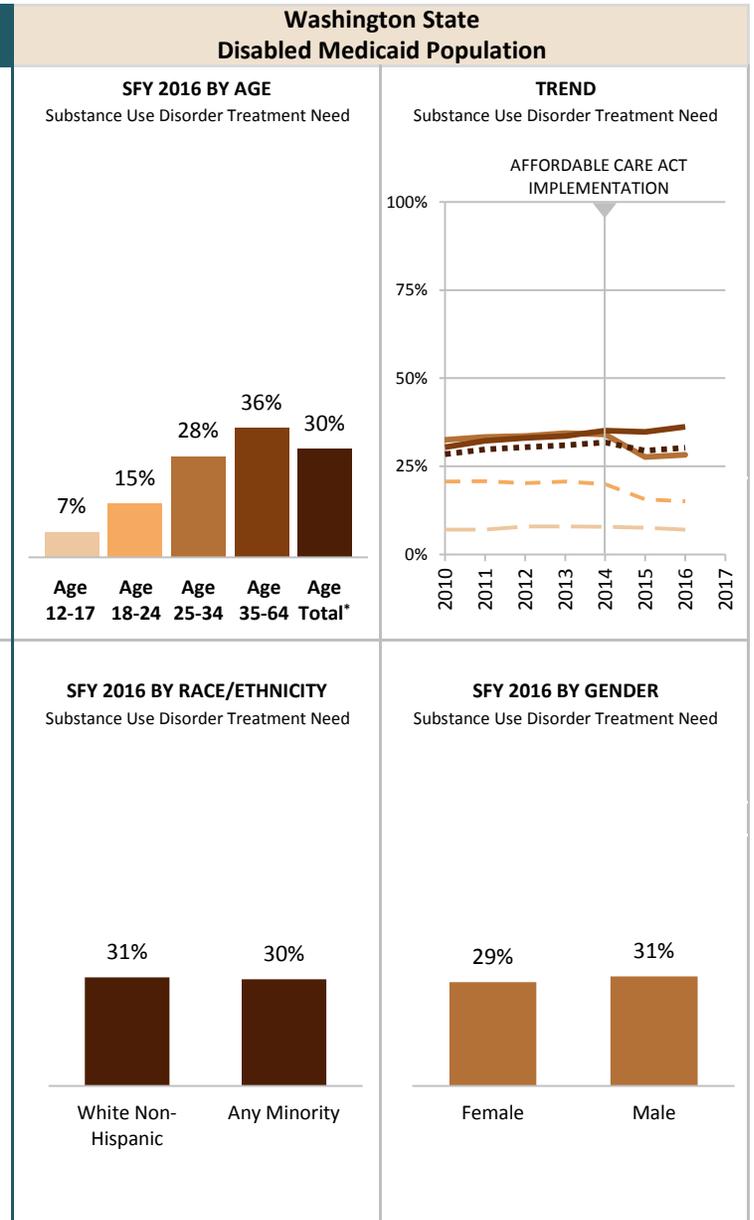
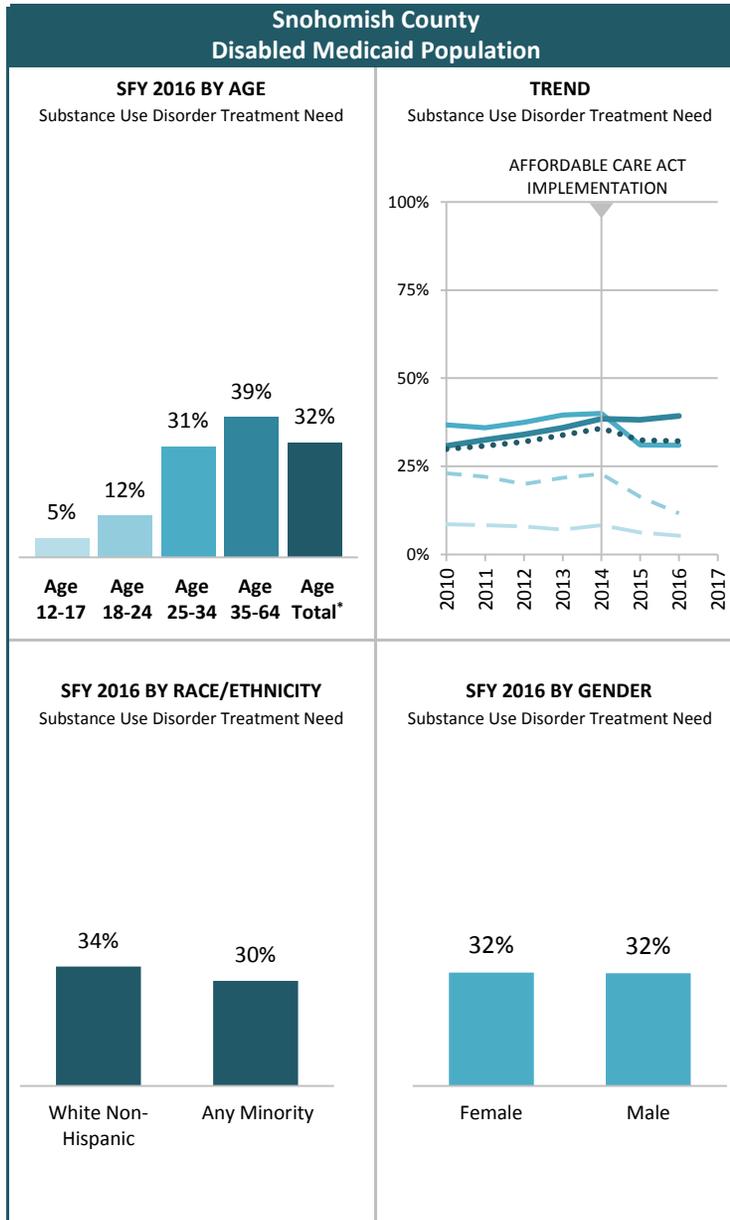
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data. Substance Use Disorder data not collected on those age 11 and younger and is not included.



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Snohomish County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need	8.6%	8.4%	8.0%	7.1%	8.3%	6.2%	5.4%		7.0%	7.1%	7.9%	8.0%	7.9%	7.6%	7.1%	
Persons w/SUD Tx Need	38	38	36	35	40	30	31		447	466	550	579	582	565	553	
Total persons	441	455	450	493	481	481	577		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/SUD Tx Need	23.1%	22.0%	20.0%	21.8%	22.9%	16.4%	11.7%		20.7%	20.8%	20.3%	20.7%	20.0%	15.6%	15.1%	
Persons w/SUD Tx Need	268	259	235	243	236	138	95		2,577	2,606	2,546	2,636	2,374	1,529	1,454	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/SUD Tx Need	36.7%	35.9%	37.5%	39.5%	40.0%	31.1%	31.0%		32.5%	33.3%	33.6%	34.4%	34.1%	27.6%	28.3%	
Persons w/SUD Tx Need	594	604	643	738	700	359	366		5,513	5,825	6,171	6,661	6,273	3,767	3,852	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/SUD Tx Need	30.8%	32.5%	34.0%	36.0%	38.5%	38.2%	39.3%		30.5%	32.2%	33.1%	33.6%	35.1%	34.8%	36.3%	
Persons w/SUD Tx Need	2,052	2,290	2,520	2,819	2,770	1,827	1,834		23,995	26,177	28,237	30,127	29,479	21,092	21,461	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/SUD Tx Need	29.9%	30.8%	32.0%	33.9%	35.8%	32.4%	32.1%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx need	2,952	3,191	3,434	3,835	3,746	2,354	2,326		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	42.8%	43.3%	46.0%	46.3%	44.4%	43.3%	46.8%		41.5%	42.8%	42.7%	43.3%	44.1%	42.3%	42.8%	
Persons w/SUD Tx Need	351	363	398	412	361	239	253		4,848	5,139	5,311	5,601	5,404	4,018	3,962	
Total persons	821	839	866	890	813	552	541		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/SUD Tx Need	15.1%	15.5%	15.7%	16.0%	16.9%	14.9%	16.7%		14.8%	16.0%	16.8%	17.8%	17.9%	15.4%	16.6%	
Persons w/SUD Tx Need	80	89	89	94	95	60	68		855	943	1,006	1,123	1,065	705	740	
Total persons	531	574	568	586	563	403	406		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/SUD Tx Need	34.2%	35.5%	36.2%	38.2%	37.4%	34.0%	31.1%		35.4%	36.4%	36.6%	37.0%	36.8%	33.8%	34.0%	
Persons w/SUD Tx Need	228	255	273	311	291	190	183		4,970	5,357	5,767	6,166	5,916	4,174	4,197	
Total persons	667	719	754	815	778	559	589		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Hawaiian/PI w/SUD Tx Need	18.0%	20.8%	17.4%	18.8%	16.8%	14.8%	20.5%		21.3%	22.3%	23.1%	23.1%	22.5%	18.3%	21.2%	
Persons w/SUD Tx Need	30	43	35	42	38	21	32		494	561	605	653	617	383	445	
Total persons	167	207	201	223	226	142	156		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/SUD Tx Need	26.7%	27.6%	30.0%	30.9%	32.8%	22.2%	24.9%		23.3%	24.8%	25.3%	24.9%	25.2%	21.5%	23.2%	
Persons w/SUD Tx Need	121	139	172	205	216	105	125		2,097	2,414	2,696	2,854	2,778	1,878	2,067	
Total persons	454	504	573	664	659	474	503		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/SUD Tx Need	30.2%	31.2%	32.3%	34.7%	37.3%	34.3%	33.7%		27.7%	29.2%	30.1%	30.8%	32.0%	29.8%	30.8%	
Persons w/SUD Tx Need	2,209	2,380	2,529	2,840	2,813	1,792	1,729		20,527	22,085	23,588	25,164	24,481	16,906	17,110	
Total persons	7,319	7,618	7,828	8,187	7,537	5,217	5,123		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/SUD Tx Need	30.3%	31.1%	32.5%	33.4%	33.4%	28.7%	29.7%		31%	32%	32%	32%	32%	30%	30%	
Persons w/SUD Tx Need	733	801	880	967	913	549	585		11,918	12,864	13,735	14,653	14,057	9,923	10,076	
Total persons	2,418	2,578	2,707	2,897	2,737	1,914	1,971		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/SUD Tx Need	26.1%	26.6%	28.3%	30.6%	32.9%	32.5%	32.2%		24.4%	25.7%	26.6%	27.2%	28.4%	28.1%	29.5%	
Persons w/SUD Tx Need	1,311	1,409	1,537	1,721	1,687	1,182	1,168		14,101	15,233	16,342	17,286	16,918	12,802	13,119	
Total persons	5,017	5,291	5,431	5,630	5,131	3,640	3,625		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/SUD Tx Need	33.8%	35.1%	35.7%	37.2%	38.6%	32.3%	32.0%		32.6%	34.0%	34.3%	34.6%	35.1%	30.8%	31.1%	
Persons w/SUD Tx Need	1,641	1,782	1,897	2,114	2,059	1,172	1,158		18,431	19,841	21,162	22,717	21,790	14,151	14,201	
Total persons	4,859	5,071	5,313	5,680	5,331	3,624	3,616		56,603	58,414	61,776	65,594	62,069	45,905	45,684	



Snohomish County

Behavioral Health Treatment Needs and Outcomes

Substance Use Disorder Treatment Need

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Treatment Need within the SFY or the prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

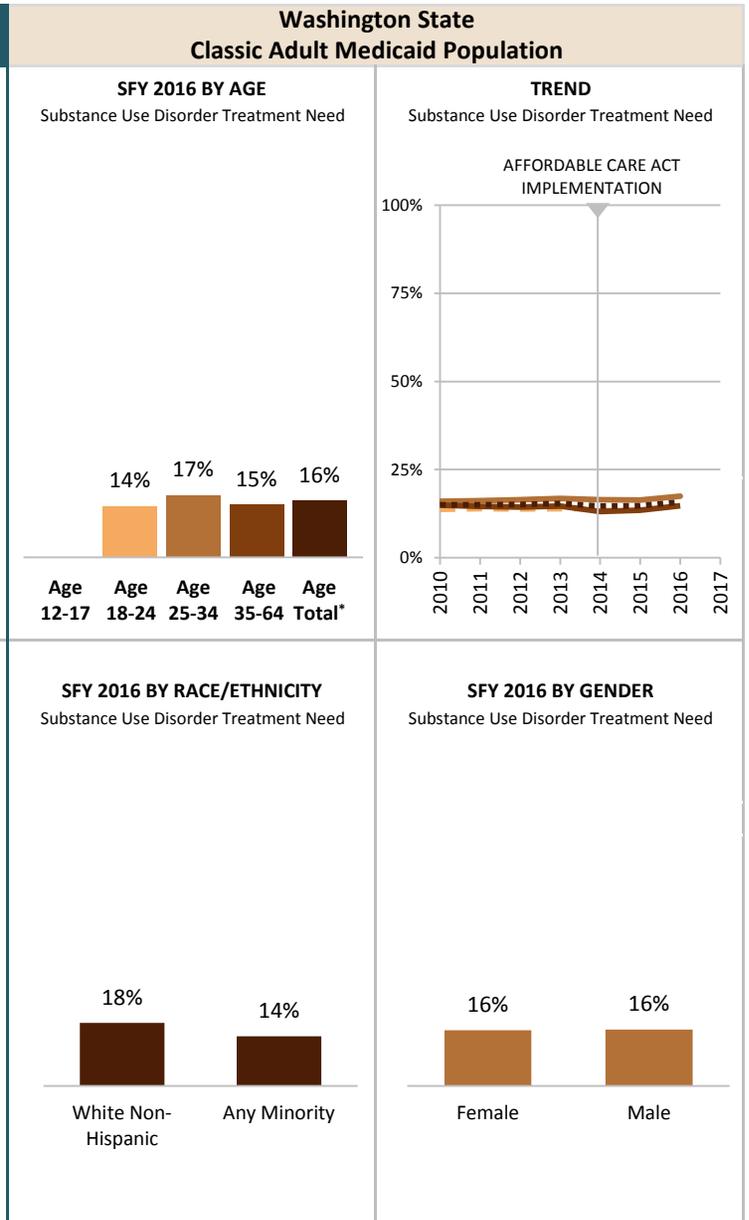
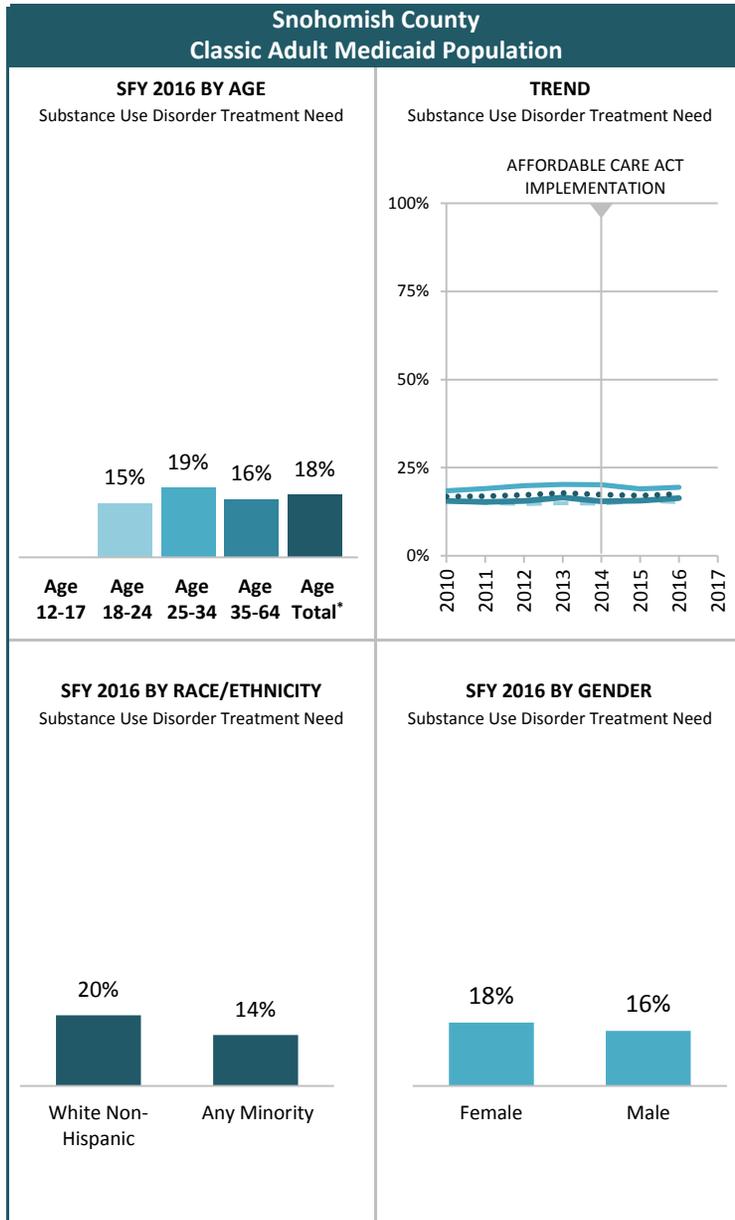
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. Substance Use Disorder data not collected on those age 11 and younger and is not included.



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Snohomish County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need	15.6%	15.0%	14.7%	15.0%	14.8%	15.6%	15.2%		13.5%	13.7%	13.5%	13.7%	13.6%	13.6%	14.3%	
Persons w/SUD Tx Need	678	638	581	541	480	413	353		7,255	7,270	6,809	6,406	5,740	4,723	4,276	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/SUD Tx Need	18.4%	19.1%	19.9%	20.2%	20.2%	19.0%	19.4%		16.0%	16.2%	16.5%	16.8%	16.5%	16.3%	17.5%	
Persons w/SUD Tx Need	1,269	1,432	1,490	1,496	1,586	1,546	1,519		12,715	13,723	14,035	14,300	14,820	14,935	15,275	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/SUD Tx Need	15.5%	15.3%	15.6%	16.5%	15.5%	15.7%	16.4%		14.9%	14.6%	14.4%	14.7%	13.1%	13.5%	14.7%	
Persons w/SUD Tx Need	752	831	883	926	1,114	1,277	1,324		8,073	8,493	8,614	8,876	10,132	11,718	12,599	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/SUD Tx Need	16.8%	16.9%	17.2%	17.8%	17.4%	17.1%	17.5%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx need	2,699	2,901	2,954	2,963	3,180	3,236	3,196		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	34.3%	35.9%	35.2%	34.0%	34.8%	36.9%	36.2%		30.9%	30.6%	31.1%	31.3%	30.8%	30.9%	32.6%	
Persons w/SUD Tx Need	412	438	399	357	369	375	350		4,866	4,917	4,931	4,868	4,776	4,558	4,490	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/SUD Tx Need	9.9%	10.2%	10.3%	11.3%	9.0%	7.8%	8.7%		10.4%	10.1%	9.7%	10.0%	8.8%	8.1%	8.8%	
Persons w/SUD Tx Need	84	100	109	112	115	113	121		926	997	1,005	1,042	1,135	1,123	1,170	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/SUD Tx Need	16.8%	16.3%	16.4%	16.1%	16.5%	14.0%	13.7%		15.1%	14.9%	14.6%	14.4%	14.5%	14.6%	15.6%	
Persons w/SUD Tx Need	192	208	212	224	246	215	204		3,085	3,282	3,257	3,241	3,382	3,309	3,320	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Hawaiian/PI w/SUD Tx Need	11.4%	12.1%	11.4%	10.6%	10.7%	10.1%	10.4%		10.4%	10.6%	10.4%	10.3%	9.7%	9.5%	10.0%	
Persons w/SUD Tx Need	56	73	70	65	82	88	87		689	762	800	822	899	958	967	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/SUD Tx Need	12.3%	13.4%	13.7%	14.7%	12.7%	11.9%	12.1%		11.8%	11.7%	11.5%	11.7%	10.4%	10.0%	10.9%	
Persons w/SUD Tx Need	190	228	251	273	279	282	282		3,301	3,541	3,580	3,648	3,814	3,871	4,026	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/SUD Tx Need	17.2%	17.2%	18.0%	19.0%	19.0%	19.2%	20.0%		15.3%	15.6%	15.8%	16.3%	15.9%	16.5%	17.9%	
Persons w/SUD Tx Need	1,864	1,970	2,039	2,082	2,236	2,291	2,277		16,743	17,696	17,638	17,801	18,587	19,364	19,911	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/SUD Tx Need	17.9%	18.0%	17.1%	16.8%	15.5%	14.5%	14.4%		16%	15%	15%	15%	14%	13%	14%	
Persons w/SUD Tx Need	820	913	893	865	926	929	896		11,154	11,650	11,690	11,663	11,975	11,853	12,006	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/SUD Tx Need	15.9%	16.4%	16.8%	17.3%	17.7%	17.6%	18.0%		13.8%	13.9%	14.2%	14.6%	14.3%	14.6%	15.8%	
Persons w/SUD Tx Need	2,035	2,212	2,258	2,271	2,522	2,609	2,613		19,959	21,011	21,389	21,744	22,974	24,185	25,160	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/SUD Tx Need	20.2%	18.8%	19.0%	20.1%	16.3%	15.4%	15.7%		19.2%	18.6%	18.0%	18.1%	15.9%	15.1%	16.0%	
Persons w/SUD Tx Need	664	689	696	692	658	627	583		8,084	8,475	8,069	7,838	7,718	7,191	6,990	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Substance Use Disorder Treatment Need Rates Among Medicaid-Classic Adults, by County

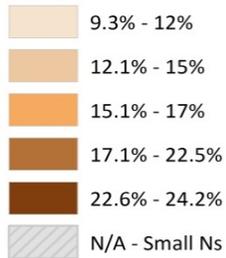
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Tx Need within the SFY or the prior SFY. See Technical Notes for details.

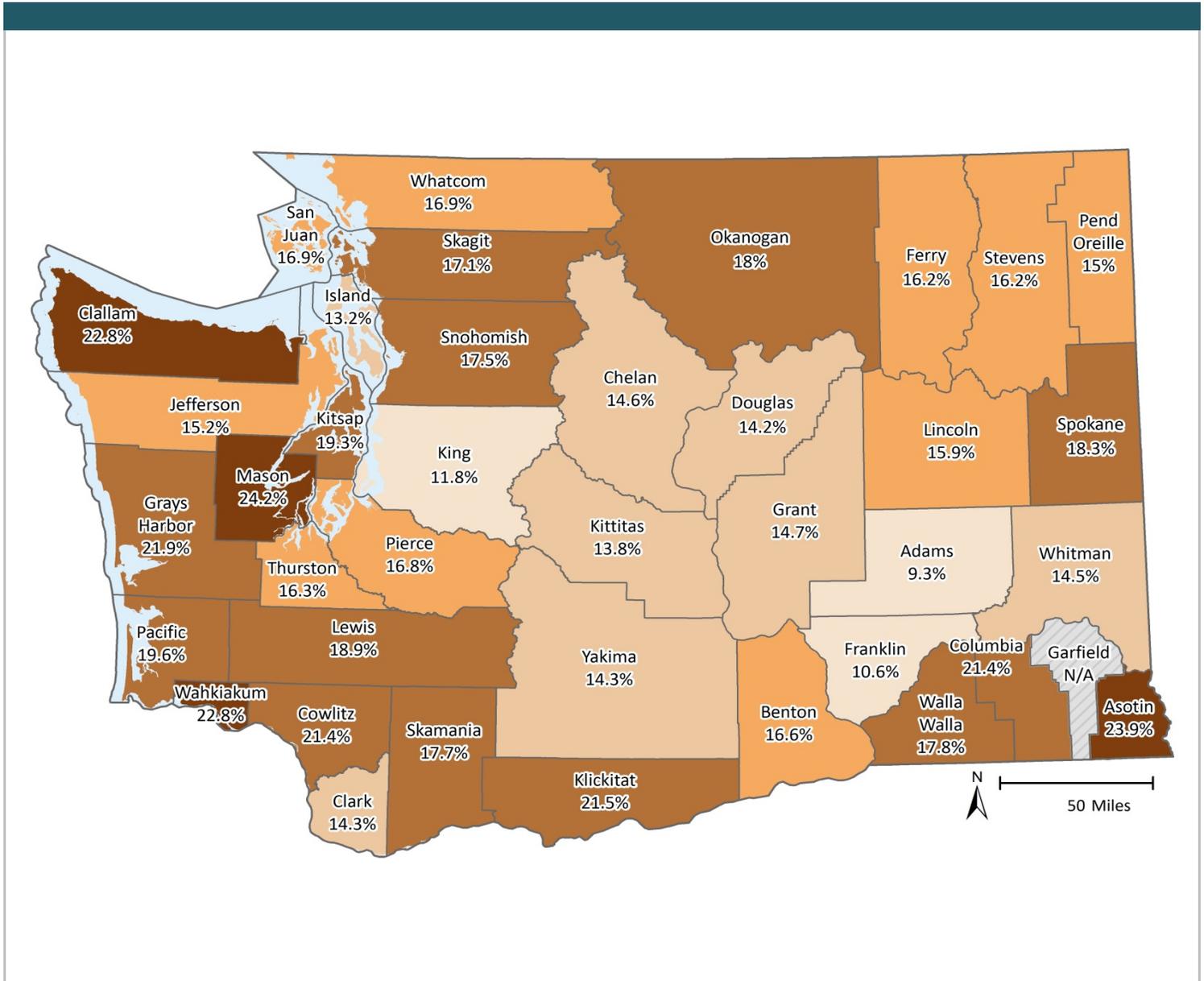
Percent of Medicaid-Classic Adults with Substance Use Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. Substance Use Disorder data not collected on those age 11 and younger and is not included.





Snohomish County

Behavioral Health Treatment Needs and Outcomes

Substance Use Disorder Treatment Need

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Treatment Need within the SFY or the prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

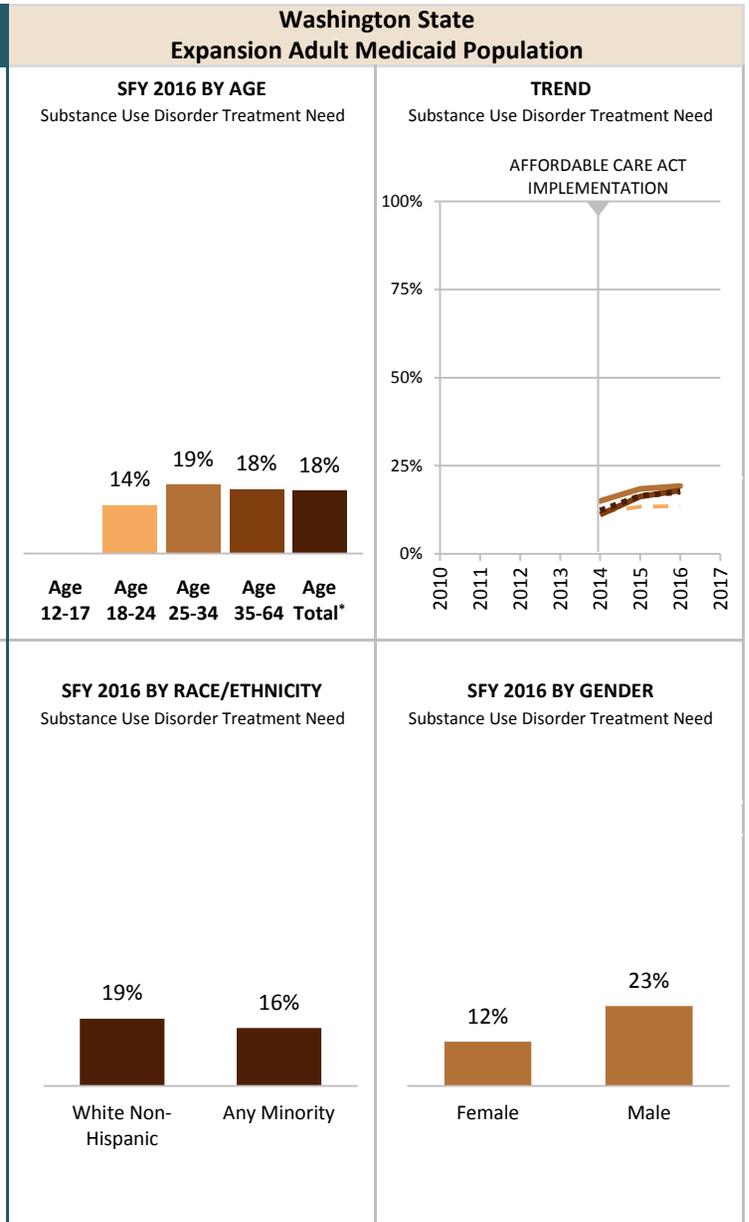
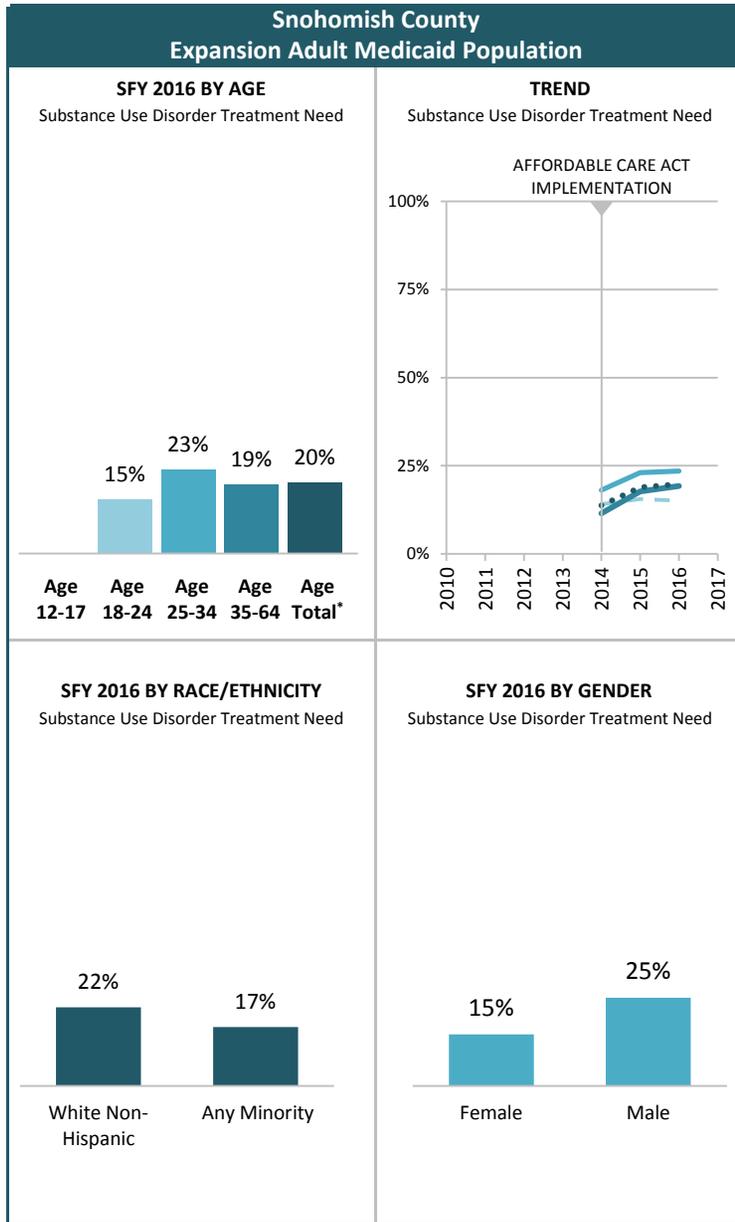
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. Substance Use Disorder data on those age 11 and younger is not collected and not included.



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need					14.1%	15.6%	15.1%						11.8%	13.4%	13.6%	
Persons w/SUD Tx Need					677	1,346	1,517						7,068	13,885	16,235	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/SUD Tx Need					18.1%	23.1%	23.5%						15.1%	18.4%	19.3%	
Persons w/SUD Tx Need					1,614	3,650	4,259						15,416	32,675	39,531	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/SUD Tx Need					11.5%	17.7%	19.3%						11.1%	16.3%	18.0%	
Persons w/SUD Tx Need					2,103	5,285	6,290						22,012	51,726	62,116	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total¹ w/SUD Tx Need					13.7%	18.9%	19.8%						12.3%	16.4%	17.6%	
Persons w/SUD Tx need					4,394	10,281	12,066						44,496	98,286	117,882	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need					35.4%	42.7%	43.2%						31.8%	36.9%	37.4%	
Persons w/SUD Tx Need					386	977	1,249						5,334	11,217	13,193	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/SUD Tx Need					4.6%	6.7%	7.4%						4.9%	7.1%	8.0%	
Persons w/SUD Tx Need					178	367	432						1,621	3,463	4,132	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/SUD Tx Need					13.9%	18.7%	19.1%						14.7%	19.5%	20.1%	
Persons w/SUD Tx Need					256	610	719						4,155	9,556	11,311	
Total persons					1,847	3,255	3,758						32,924	48,483	51,833	
Hawaiian/PI w/SUD Tx Need					7.7%	10.4%	10.7%						8.7%	10.8%	11.4%	
Persons w/SUD Tx Need					85	203	234						991	2,209	2,678	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/SUD Tx Need					10.7%	14.4%	15.1%						9.1%	12.4%	13.7%	
Persons w/SUD Tx Need					321	758	926						4,784	10,505	13,292	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/SUD Tx Need					15.9%	21.5%	22.3%						13.5%	17.9%	19.1%	
Persons w/SUD Tx Need					3,293	7,605	8,771						29,246	64,550	76,824	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/SUD Tx Need					10.8%	15.5%	16.7%						11%	15%	16%	
Persons w/SUD Tx Need					1,068	2,562	3,147						14,923	32,724	39,468	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/SUD Tx Need					9.3%	13.6%	14.7%						7.9%	11.2%	12.5%	
Persons w/SUD Tx Need					1,516	3,715	4,476						14,181	32,876	40,978	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/SUD Tx Need					18.3%	24.3%	25.1%						16.7%	21.4%	22.5%	
Persons w/SUD Tx Need					2,878	6,566	7,590						30,315	65,410	76,904	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Substance Use Disorder Treatment Need Rates Among Medicaid-Expansion Adults, by County

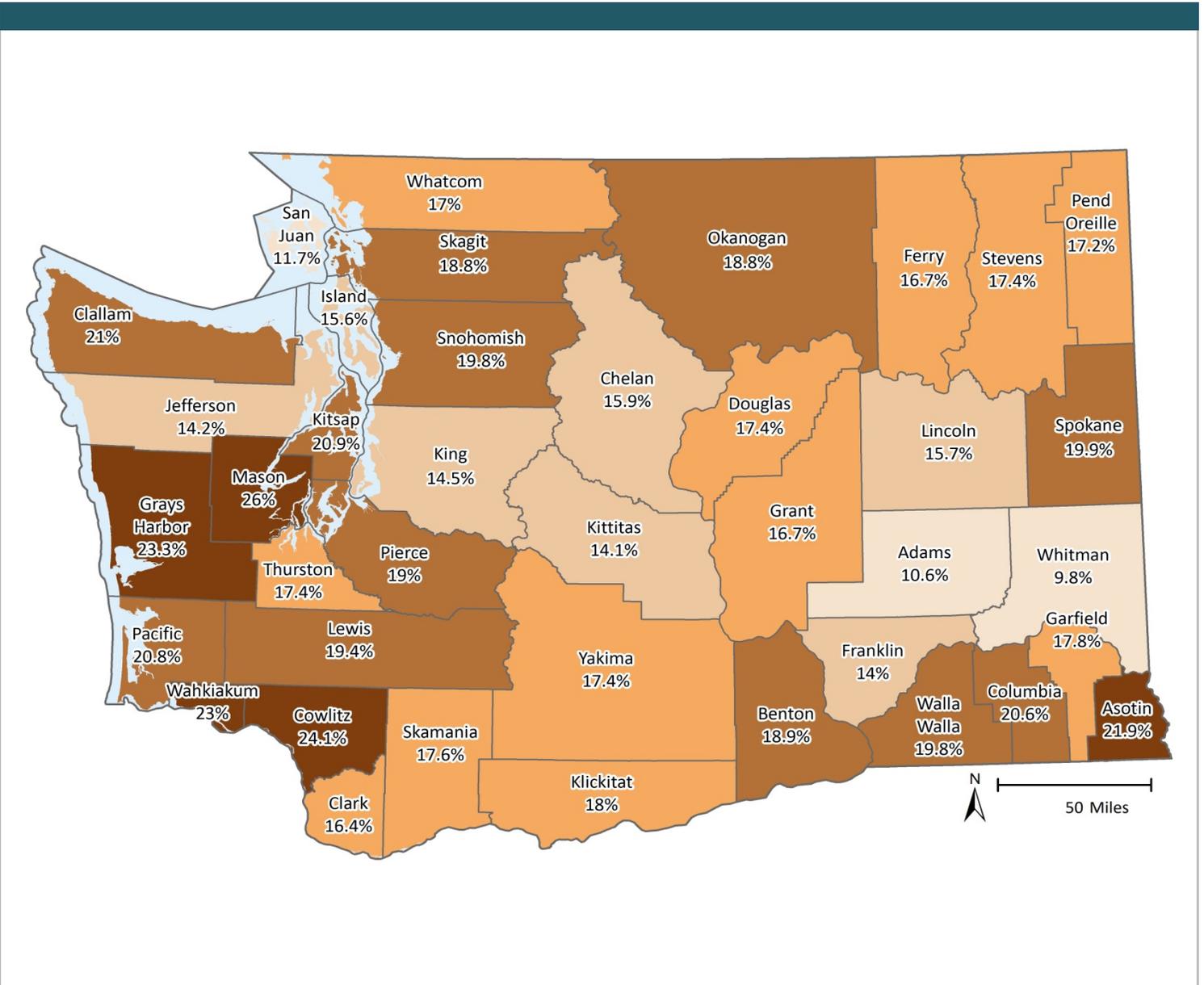
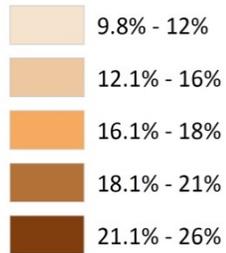
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Tx Need within the SFY or the prior SFY. See Technical Notes for details.

Percent of Medicaid-Expansion Adults with Substance Use Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



Snohomish County

Behavioral Health Treatment Needs and Outcomes

Substance Use Disorder Treatment Need

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Treatment Need within the SFY or the prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

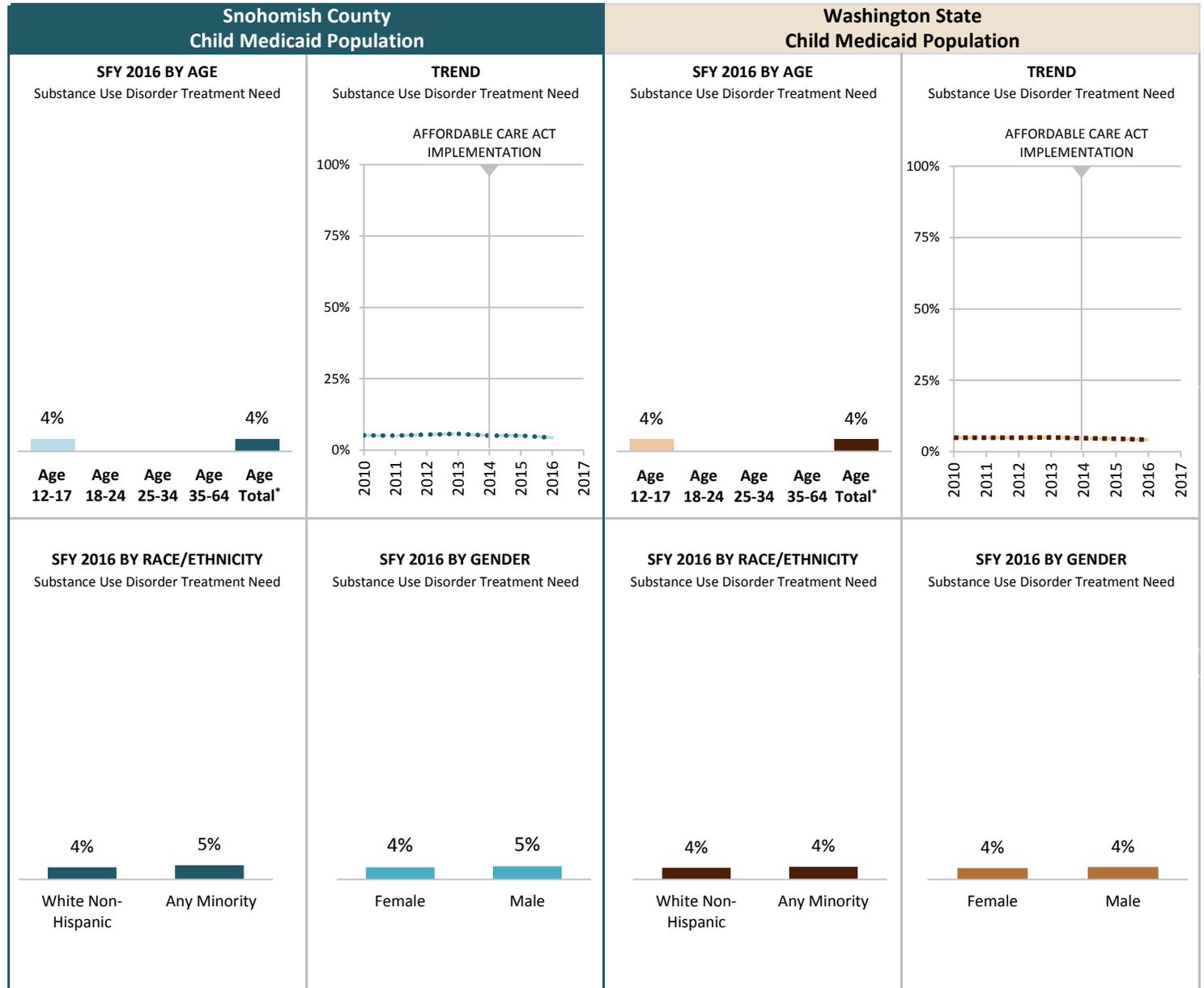
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. Substance Use Disorder data on those age 11 and younger is not collected and not included.



SUPPORTING TABLES | Substance Use Disorder Treatment Need

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need	5.2%	5.1%	5.5%	5.7%	5.1%	5.1%	4.4%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	725	780	877	927	905	943	871		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 25-34 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 35-64 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age Total¹ w/SUD Tx Need	5.2%	5.1%	5.5%	5.7%	5.1%	5.1%	4.4%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx need	725	780	877	927	905	943	871		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	12.3%	11.8%	13.7%	14.9%	12.9%	12.3%	11.3%		11.4%	11.0%	11.5%	11.7%	11.5%	11.1%	9.7%	
Persons w/SUD Tx Need	124	126	155	173	144	144	141		1,401	1,401	1,479	1,541	1,514	1,478	1,311	
Total persons	1,008	1,072	1,133	1,160	1,115	1,175	1,253		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/SUD Tx Need	3.3%	2.4%	2.4%	3.2%	2.8%	2.6%	3.1%		3.3%	3.2%	3.2%	3.4%	3.0%	2.7%	2.5%	
Persons w/SUD Tx Need	40	32	32	43	44	45	54		373	384	405	435	435	423	394	
Total persons	1,196	1,316	1,334	1,341	1,598	1,703	1,745		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/SUD Tx Need	7.1%	7.2%	6.6%	6.4%	6.5%	7.2%	6.5%		5.7%	5.7%	5.8%	6.1%	6.1%	6.2%	5.6%	
Persons w/SUD Tx Need	77	88	87	90	99	112	109		1,004	1,068	1,121	1,221	1,263	1,313	1,247	
Total persons	1,088	1,214	1,309	1,408	1,513	1,554	1,679		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Hawaiian/PI w/SUD Tx Need	3.0%	2.8%	3.9%	4.3%	3.7%	2.6%	3.0%		3.6%	3.9%	3.9%	4.0%	4.0%	3.8%	3.2%	
Persons w/SUD Tx Need	16	18	27	30	28	21	26		236	284	306	324	345	346	310	
Total persons	542	643	700	700	752	813	870		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/SUD Tx Need	3.7%	4.9%	5.2%	6.0%	4.9%	4.9%	4.6%		4.6%	5.1%	5.1%	5.2%	4.9%	4.7%	4.2%	
Persons w/SUD Tx Need	98	149	176	219	205	226	235		2,043	2,417	2,578	2,798	2,870	2,949	2,858	
Total persons	2,615	3,043	3,384	3,658	4,209	4,621	5,129		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/SUD Tx Need	5.5%	5.1%	5.5%	5.6%	5.3%	5.3%	4.2%		4.8%	4.7%	4.7%	4.7%	4.4%	4.4%	4.1%	
Persons w/SUD Tx Need	424	421	463	465	467	477	390		3,669	3,793	3,839	3,849	3,874	3,968	3,809	
Total persons	7,749	8,308	8,429	8,259	8,878	9,027	9,251		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/SUD Tx Need	5.3%	5.5%	5.9%	6.3%	5.3%	5.2%	4.9%		5%	5%	5%	6%	5%	5%	4%	
Persons w/SUD Tx Need	300	357	412	458	434	454	470		4,275	4,719	5,000	5,338	5,426	5,501	5,187	
Total persons	5,684	6,447	6,951	7,312	8,171	8,774	9,500		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/SUD Tx Need	4.6%	4.6%	4.8%	5.1%	4.6%	4.6%	4.2%		4.2%	4.1%	4.2%	4.2%	4.2%	4.2%	4.0%	
Persons w/SUD Tx Need	320	353	380	414	406	429	416		3,387	3,565	3,701	3,860	4,110	4,320	4,308	
Total persons	6,977	7,631	7,957	8,064	8,854	9,311	9,876		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/SUD Tx Need	5.8%	5.5%	6.2%	6.3%	5.6%	5.5%	4.6%		5.6%	5.7%	5.7%	5.8%	5.2%	5.0%	4.3%	
Persons w/SUD Tx Need	405	427	497	513	499	514	455		4,576	4,971	5,166	5,358	5,220	5,190	4,760	
Total persons	6,995	7,708	8,007	8,134	8,974	9,360	9,911		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Substance Use Disorder Treatment Need Rates Among Medicaid-Children, by County

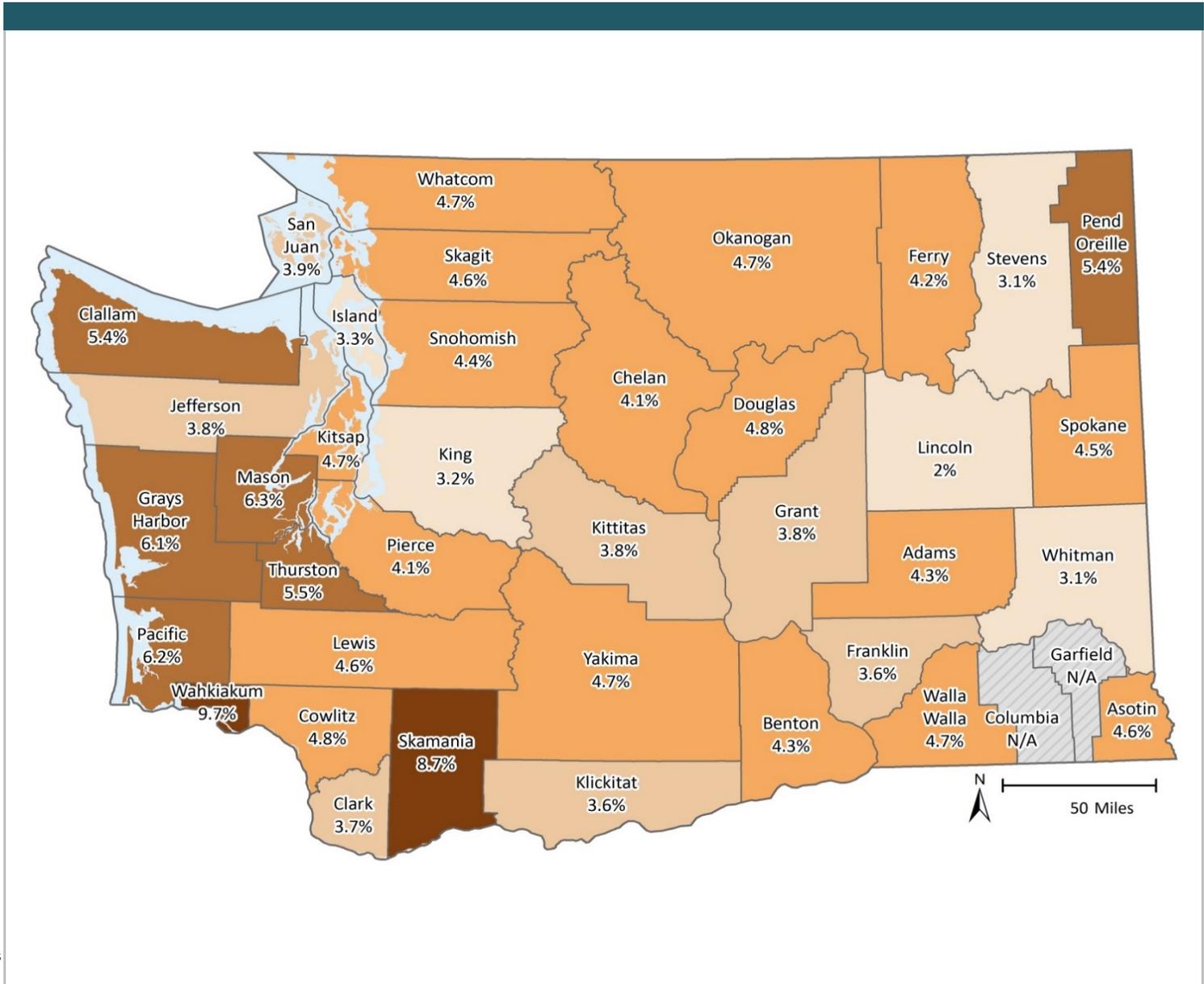
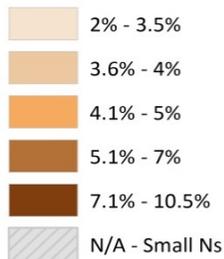
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Tx Need within the SFY or the prior SFY. See Technical Notes for details.

Percent of Medicaid Children with Substance Use Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.

Co-Occurring Disorder Treatment Need

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

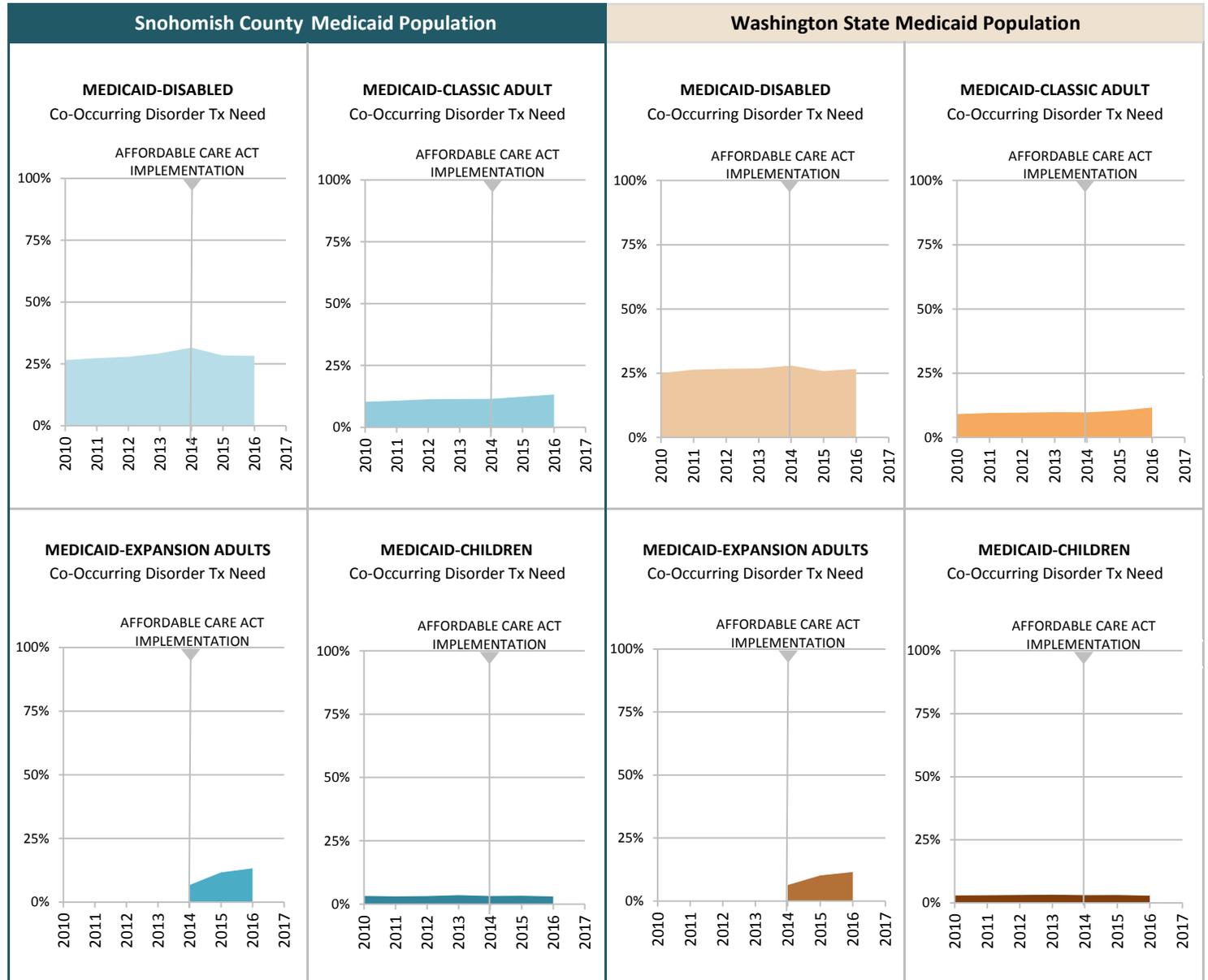
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data. COD measures include ages 12-64.



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	26.5%	27.3%	27.8%	29.2%	31.5%	28.4%	28.2%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	2,616	2,828	2,991	3,305	3,299	2,060	2,042		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	10.3%	10.7%	11.3%	11.4%	11.4%	12.3%	13.2%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	1,648	1,838	1,934	1,891	2,093	2,331	2,409		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					6.7%	11.7%	13.3%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					2,142	6,333	8,066						22,875	60,617	77,053	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	3.2%	3.0%	3.2%	3.5%	3.2%	3.3%	3.0%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	449	467	503	571	566	614	596		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Co-Occurring Disorder Treatment Need

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

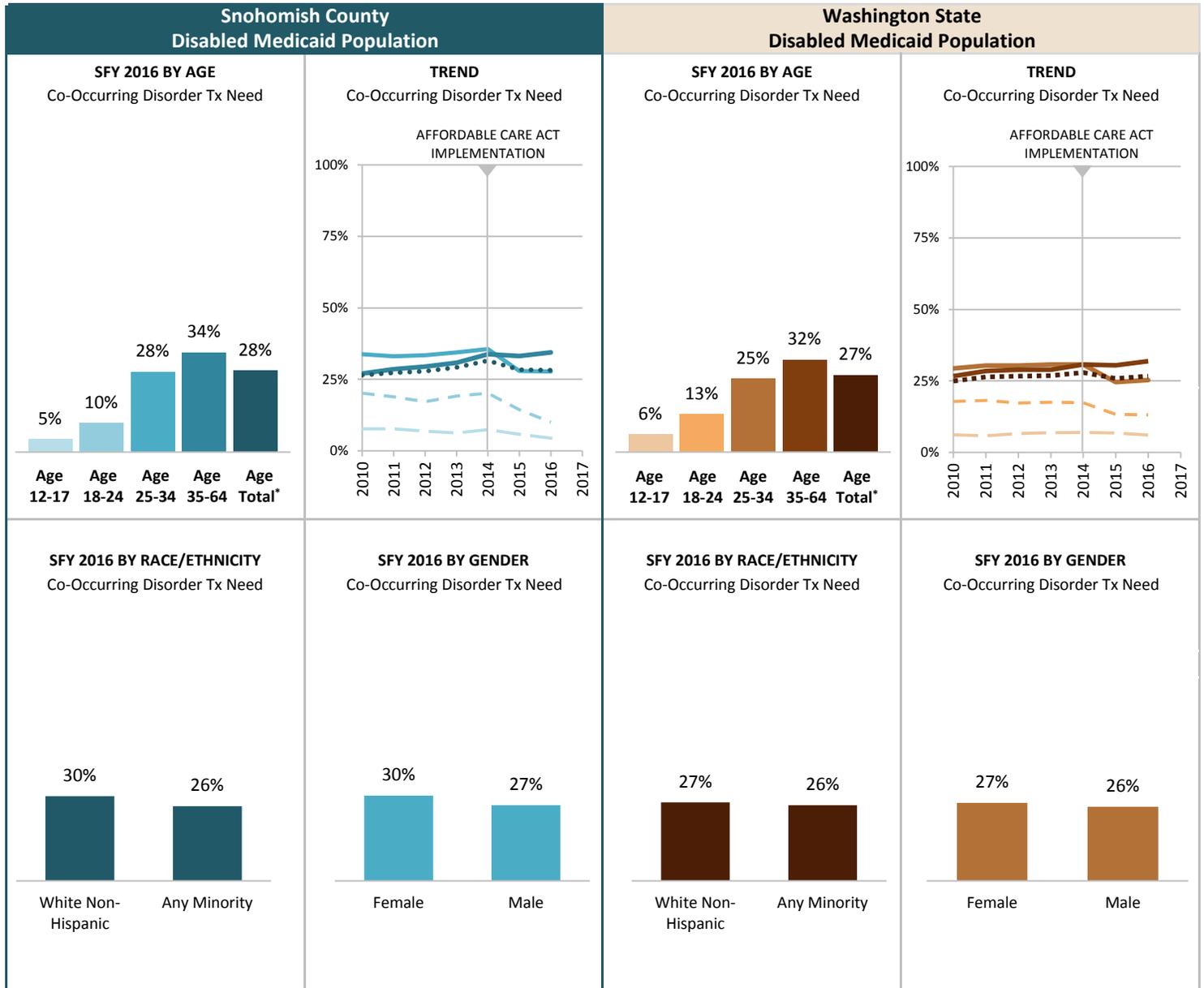
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

	Snohomish County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need	7.7%	7.7%	6.9%	6.3%	7.5%	5.8%	4.5%		6.1%	5.9%	6.6%	6.9%	7.0%	6.8%	6.1%	
Persons w/COD Tx Need	34	35	31	31	36	28	26		390	385	460	505	513	507	478	
Total persons	441	455	450	493	481	481	577		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/COD Tx Need	20.2%	18.9%	17.2%	19.2%	20.2%	14.4%	10.1%		17.8%	18.2%	17.3%	17.6%	17.3%	13.3%	13.1%	
Persons w/COD Tx Need	234	222	202	214	208	121	82		2,214	2,277	2,171	2,238	2,058	1,300	1,264	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/COD Tx Need	33.8%	33.1%	33.4%	34.4%	35.6%	28.0%	27.7%		29.4%	30.4%	30.4%	30.7%	30.7%	24.6%	25.3%	
Persons w/COD Tx Need	546	557	574	643	624	323	327		4,982	5,310	5,580	5,947	5,655	3,350	3,448	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/COD Tx Need	27.1%	28.6%	29.5%	30.9%	33.8%	33.2%	34.4%		26.7%	28.5%	28.9%	29.0%	30.7%	30.4%	31.9%	
Persons w/COD Tx Need	1,802	2,014	2,184	2,417	2,431	1,588	1,607		21,007	23,107	24,697	25,988	25,777	18,480	18,855	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/COD Tx Need	26.5%	27.3%	27.8%	29.2%	31.5%	28.4%	28.2%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	2,616	2,828	2,991	3,305	3,299	2,060	2,042		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	38.1%	38.4%	41.1%	40.3%	40.0%	38.4%	42.0%		36.3%	38.3%	38.0%	37.9%	38.9%	37.2%	37.5%	
Persons w/COD Tx Need	313	322	356	359	325	212	227		4,242	4,591	4,723	4,900	4,771	3,536	3,478	
Total persons	821	839	866	890	813	552	541		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/COD Tx Need	13.2%	13.1%	13.9%	13.7%	14.0%	12.4%	14.3%		12.8%	14.2%	14.8%	15.5%	15.8%	13.8%	14.8%	
Persons w/COD Tx Need	70	75	79	80	79	50	58		739	836	891	981	936	634	660	
Total persons	531	574	568	586	563	403	406		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/COD Tx Need	28.5%	31.3%	30.9%	33.1%	33.2%	29.3%	27.3%		30.5%	31.9%	32.0%	31.8%	32.0%	29.2%	29.4%	
Persons w/COD Tx Need	190	225	233	270	258	164	161		4,283	4,694	5,046	5,297	5,143	3,609	3,627	
Total persons	667	719	754	815	778	559	589		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/COD Tx Need	15.6%	19.3%	15.4%	16.6%	15.9%	13.4%	17.3%		18.6%	20.1%	20.6%	20.8%	20.2%	16.4%	18.9%	
Persons w/COD Tx Need	26	40	31	37	36	19	27		431	504	541	588	556	344	397	
Total persons	167	207	201	223	226	142	156		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/COD Tx Need	25.1%	24.2%	27.2%	26.8%	28.5%	19.0%	22.3%		19.8%	21.3%	21.3%	20.9%	21.8%	18.7%	20.3%	
Persons w/COD Tx Need	114	122	156	178	188	90	112		1,783	2,071	2,272	2,404	2,404	1,630	1,805	
Total persons	454	504	573	664	659	474	503		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/COD Tx Need	26.8%	27.8%	28.1%	29.9%	32.9%	30.2%	29.6%		24.7%	26.1%	26.5%	26.8%	28.2%	26.3%	27.3%	
Persons w/COD Tx Need	1,963	2,117	2,198	2,451	2,478	1,574	1,517		18,256	19,704	20,806	21,931	21,632	14,914	15,182	
Total persons	7,319	7,618	7,828	8,187	7,537	5,217	5,123		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/COD Tx Need	26.6%	27.3%	28.6%	28.8%	29.5%	24.9%	26.1%		26%	28%	28%	28%	28%	26%	26%	
Persons w/COD Tx Need	644	705	775	834	808	476	515		10,279	11,291	11,980	12,611	12,250	8,633	8,770	
Total persons	2,418	2,578	2,707	2,897	2,737	1,914	1,971		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/COD Tx Need	24.3%	25.0%	26.5%	28.2%	30.7%	30.1%	29.9%		22.8%	24.1%	24.9%	25.2%	26.6%	26.1%	27.3%	
Persons w/COD Tx Need	1,221	1,321	1,440	1,587	1,573	1,095	1,083		13,171	14,285	15,277	16,036	15,802	11,909	12,172	
Total persons	5,017	5,291	5,431	5,630	5,131	3,640	3,625		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/COD Tx Need	28.7%	29.7%	29.2%	30.2%	32.4%	26.6%	26.5%		27.2%	28.7%	28.5%	28.4%	29.3%	25.5%	26.0%	
Persons w/COD Tx Need	1,395	1,507	1,551	1,718	1,726	965	959		15,422	16,794	17,631	18,642	18,201	11,728	11,873	
Total persons	4,859	5,071	5,313	5,680	5,331	3,624	3,616		56,603	58,414	61,776	65,594	62,069	45,905	45,684	

Co-Occurring Disorder Treatment Need Rates Among Medicaid-Disabled Youth and Adults, by County

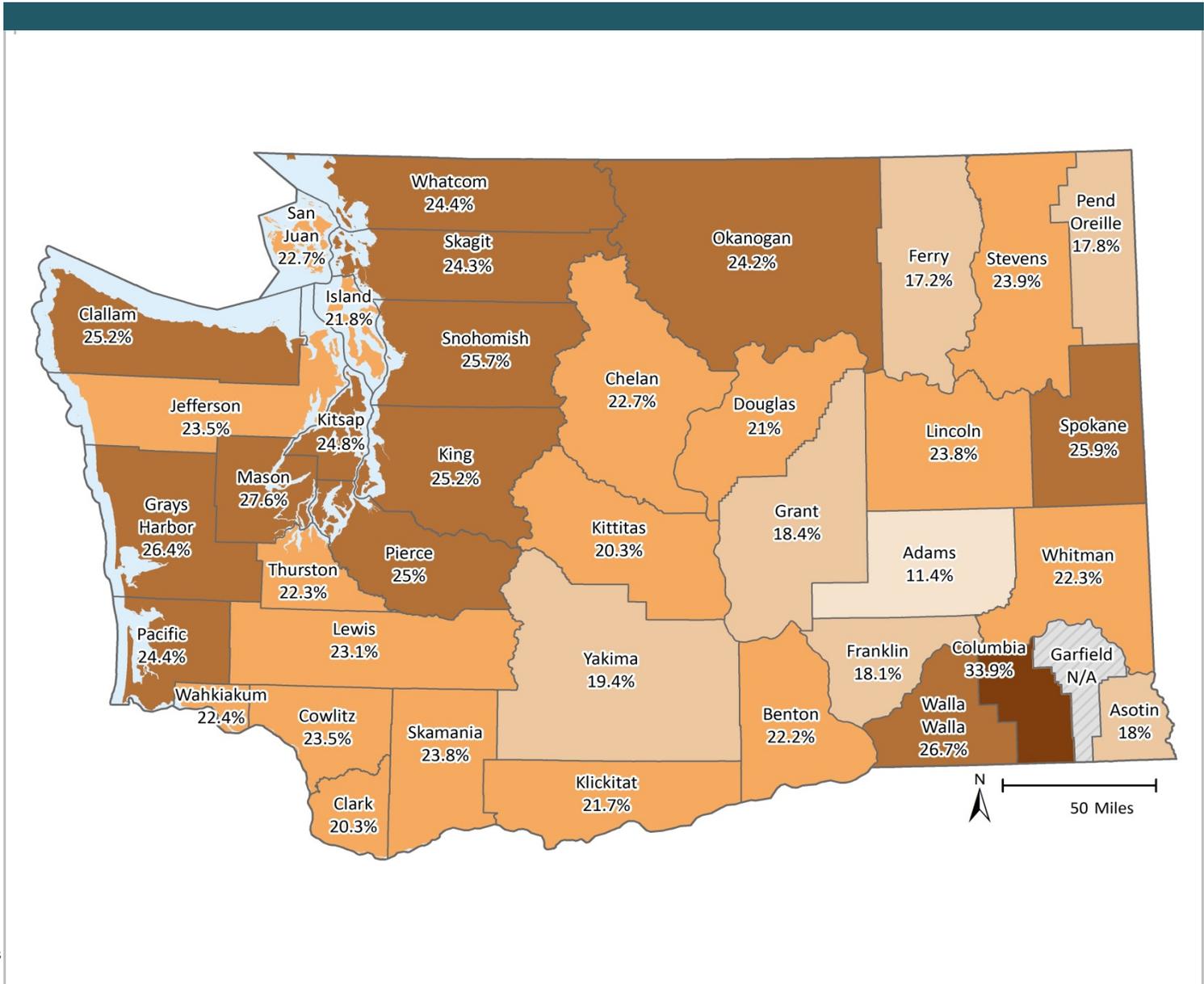
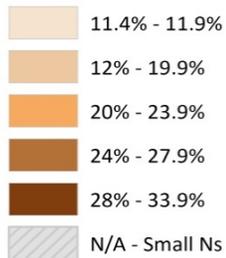
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

Percent of Medicaid-Disabled Youth and Adults with Co-Occurring Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



Snohomish County

Behavioral Health Treatment Needs and Outcomes

Co-Occurring Disorder Treatment Need

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

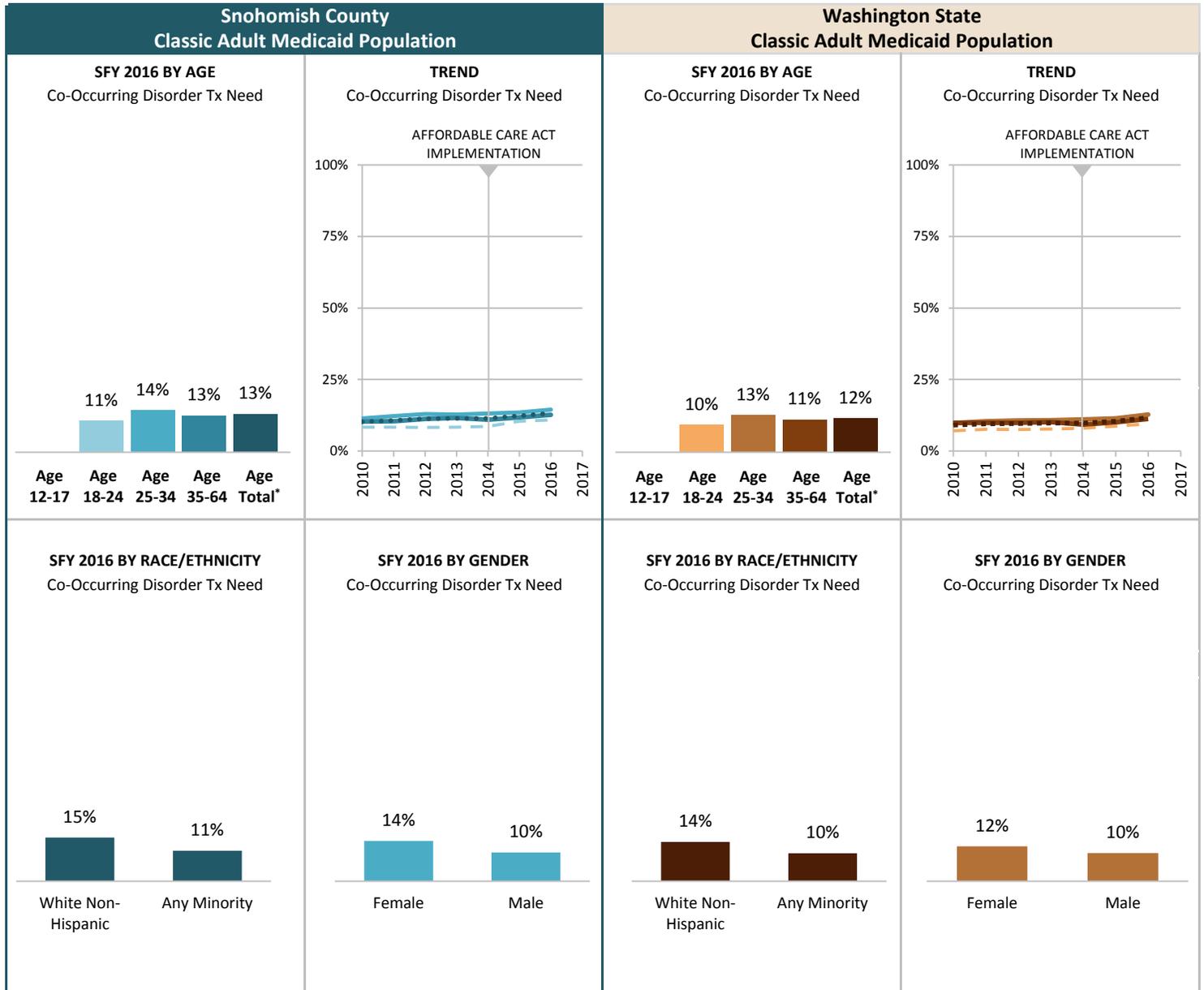
STATE:

- Age 12-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

	Snohomish County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need	8.4%	8.4%	8.2%	8.3%	8.6%	10.4%	10.9%		7.1%	7.6%	7.6%	7.7%	8.0%	8.7%	9.5%	
Persons w/COD Tx Need	365	357	325	301	279	275	253		3,819	4,061	3,809	3,608	3,369	3,024	2,845	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/COD Tx Need	11.4%	12.2%	12.9%	12.7%	13.1%	13.5%	14.4%		9.8%	10.5%	10.7%	10.8%	11.0%	11.4%	12.8%	
Persons w/COD Tx Need	785	914	971	942	1,029	1,097	1,128		7,809	8,882	9,110	9,168	9,911	10,421	11,148	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/COD Tx Need	10.3%	10.5%	11.2%	11.6%	10.9%	11.8%	12.7%		9.9%	9.9%	9.9%	10.1%	9.3%	10.0%	11.2%	
Persons w/COD Tx Need	498	567	638	648	785	959	1,028		5,362	5,775	5,944	6,118	7,153	8,706	9,617	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/COD Tx Need	10.3%	10.7%	11.3%	11.4%	11.4%	12.3%	13.2%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	1,648	1,838	1,934	1,891	2,093	2,331	2,409		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	23.3%	23.5%	22.8%	21.7%	21.2%	25.7%	27.6%		19.4%	19.9%	20.0%	19.8%	20.5%	21.6%	23.7%	
Persons w/COD Tx Need	280	287	258	228	225	261	267		3,046	3,190	3,174	3,080	3,182	3,180	3,259	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/COD Tx Need	5.5%	5.0%	5.9%	6.2%	5.5%	5.3%	5.7%		5.6%	5.5%	5.5%	5.7%	5.5%	5.2%	5.7%	
Persons w/COD Tx Need	47	49	63	61	70	77	80		497	547	569	598	708	723	751	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/COD Tx Need	9.1%	8.5%	10.0%	9.4%	9.6%	9.6%	10.5%		8.4%	8.8%	8.7%	8.6%	9.2%	10.0%	11.3%	
Persons w/COD Tx Need	104	109	129	131	144	147	157		1,720	1,947	1,953	1,928	2,134	2,260	2,394	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/COD Tx Need	6.3%	5.7%	6.0%	5.7%	6.4%	7.1%	7.9%		5.4%	5.6%	5.7%	5.4%	5.7%	6.0%	6.4%	
Persons w/COD Tx Need	31	34	37	35	49	62	66		357	400	440	436	526	606	624	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/COD Tx Need	6.9%	7.5%	8.3%	8.5%	7.5%	7.7%	8.8%		6.1%	6.3%	6.4%	6.6%	6.1%	6.4%	7.3%	
Persons w/COD Tx Need	106	127	152	158	165	183	206		1,717	1,903	1,988	2,056	2,245	2,475	2,677	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/COD Tx Need	10.6%	11.4%	12.2%	12.5%	13.0%	14.2%	15.2%		9.8%	10.4%	10.6%	10.9%	11.1%	12.1%	13.7%	
Persons w/COD Tx Need	1,150	1,306	1,377	1,366	1,528	1,697	1,735		10,665	11,821	11,892	11,953	12,926	14,192	15,203	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/COD Tx Need	10.7%	10.3%	10.5%	10.1%	9.2%	9.7%	10.6%		9%	9%	9%	9%	9%	9%	10%	
Persons w/COD Tx Need	493	525	550	516	553	625	662		6,279	6,844	6,923	6,894	7,449	7,878	8,273	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/COD Tx Need	10.8%	11.3%	12.0%	12.0%	12.6%	13.2%	14.0%		9.3%	9.8%	10.0%	10.1%	10.3%	10.9%	12.2%	
Persons w/COD Tx Need	1,380	1,525	1,612	1,575	1,790	1,963	2,036		13,489	14,755	15,031	15,119	16,487	18,022	19,338	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/COD Tx Need	8.2%	8.5%	8.8%	9.2%	7.5%	9.0%	10.0%		8.3%	8.7%	8.5%	8.7%	8.1%	8.7%	9.8%	
Persons w/COD Tx Need	268	313	322	316	303	368	373		3,501	3,963	3,832	3,775	3,946	4,129	4,272	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Co-Occurring Disorder Treatment Need Rates Among Medicaid-Classic Adults, by County

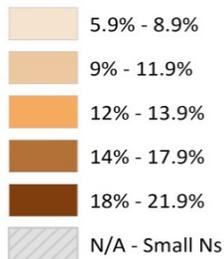
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

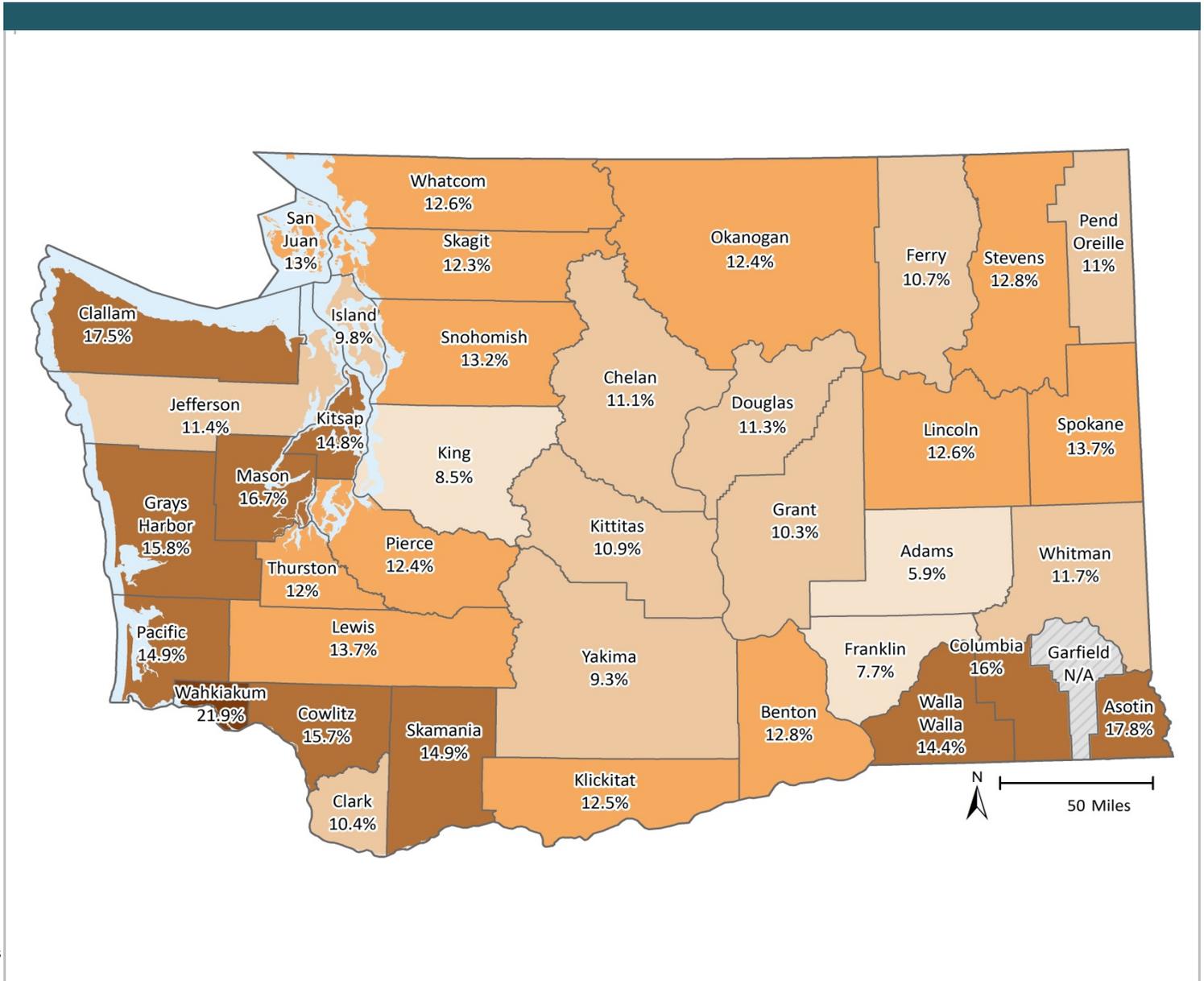
Percent of Medicaid-Classic Adults with Co-Occurring Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



Co-Occurring Disorder Treatment Need

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

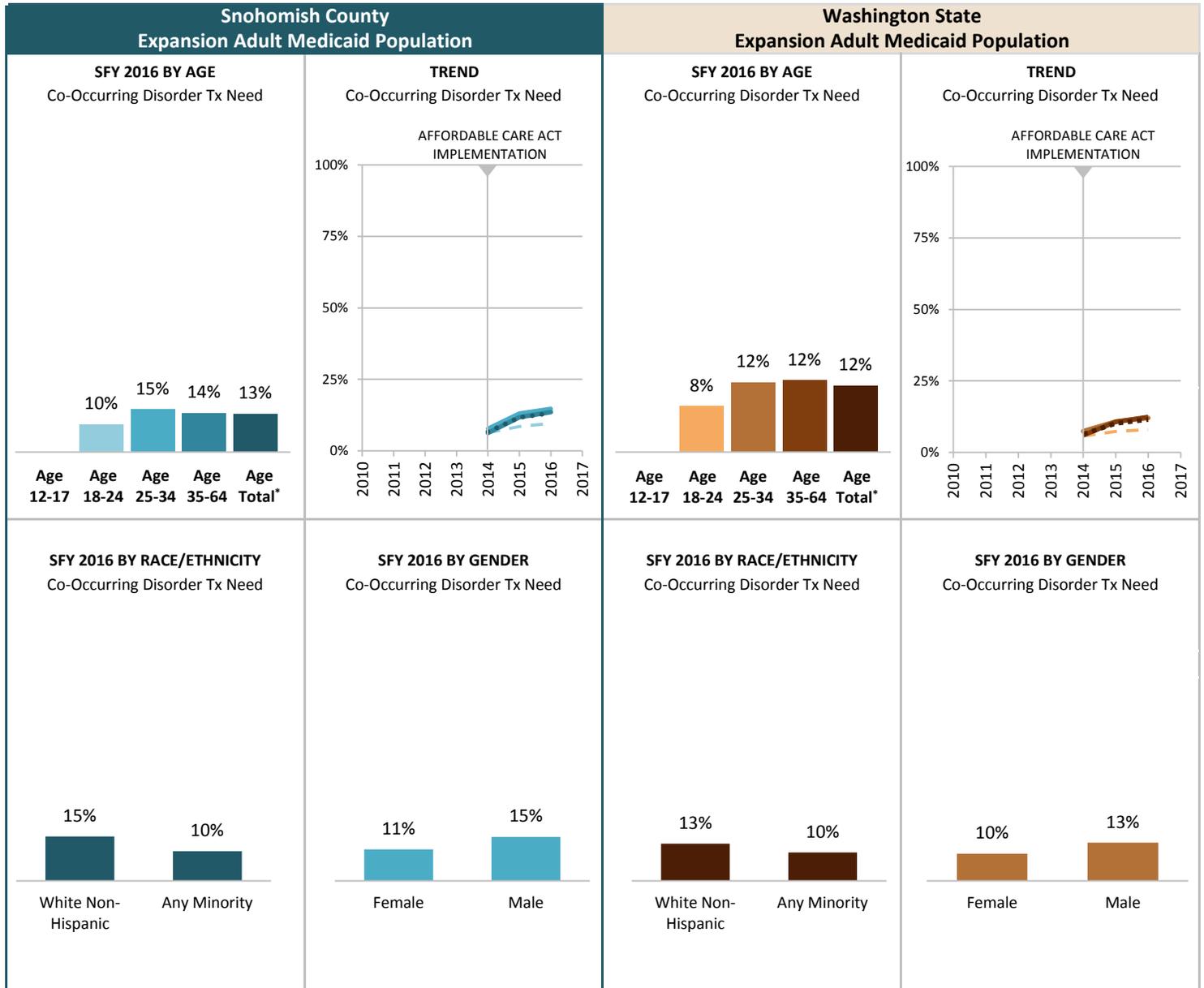
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need					6.4%	8.5%	9.6%						5.7%	7.3%	8.0%	
Persons w/COD Tx Need					306	736	965						3,422	7,567	9,554	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/COD Tx Need					7.8%	13.2%	14.7%						7.4%	10.7%	12.0%	
Persons w/COD Tx Need					694	2,080	2,676						7,580	19,047	24,663	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/COD Tx Need					6.3%	11.8%	13.6%						6.0%	10.7%	12.4%	
Persons w/COD Tx Need					1,142	3,517	4,425						11,873	34,003	42,836	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total¹ w/COD Tx Need					6.7%	11.7%	13.3%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					2,142	6,333	8,066						22,875	60,617	77,053	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need					16.4%	24.6%	27.1%						16.9%	22.8%	24.2%	
Persons w/COD Tx Need					179	563	783						2,837	6,944	8,532	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/COD Tx Need					1.6%	3.3%	4.5%						2.1%	3.9%	4.7%	
Persons w/COD Tx Need					63	184	262						686	1,906	2,447	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/COD Tx Need					6.2%	10.5%	11.5%						6.6%	11.1%	12.3%	
Persons w/COD Tx Need					115	342	433						1,871	5,441	6,882	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/COD Tx Need					2.6%	5.5%	6.6%						3.8%	6.1%	6.6%	
Persons w/COD Tx Need					29	107	144						438	1,242	1,542	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/COD Tx Need					3.9%	8.0%	9.4%						3.9%	6.6%	7.8%	
Persons w/COD Tx Need					118	421	579						2,026	5,607	7,547	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/COD Tx Need					8.1%	13.7%	15.4%						7.3%	11.5%	13.0%	
Persons w/COD Tx Need					1,681	4,835	6,042						15,832	41,441	52,380	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/COD Tx Need					4.5%	8.7%	10.3%						5%	9%	10%	
Persons w/COD Tx Need					442	1,436	1,938						6,910	18,670	23,786	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/COD Tx Need					5.5%	10.0%	11.1%						5.0%	8.3%	9.5%	
Persons w/COD Tx Need					899	2,713	3,390						8,998	24,262	31,259	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/COD Tx Need					7.9%	13.4%	15.4%						7.7%	11.9%	13.4%	
Persons w/COD Tx Need					1,243	3,620	4,676						13,877	36,355	45,794	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Co-Occurring Disorder Treatment Need Rates Among Medicaid-Expansion Adults, by County

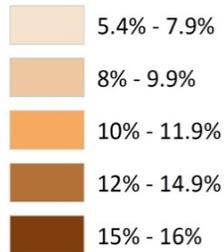
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

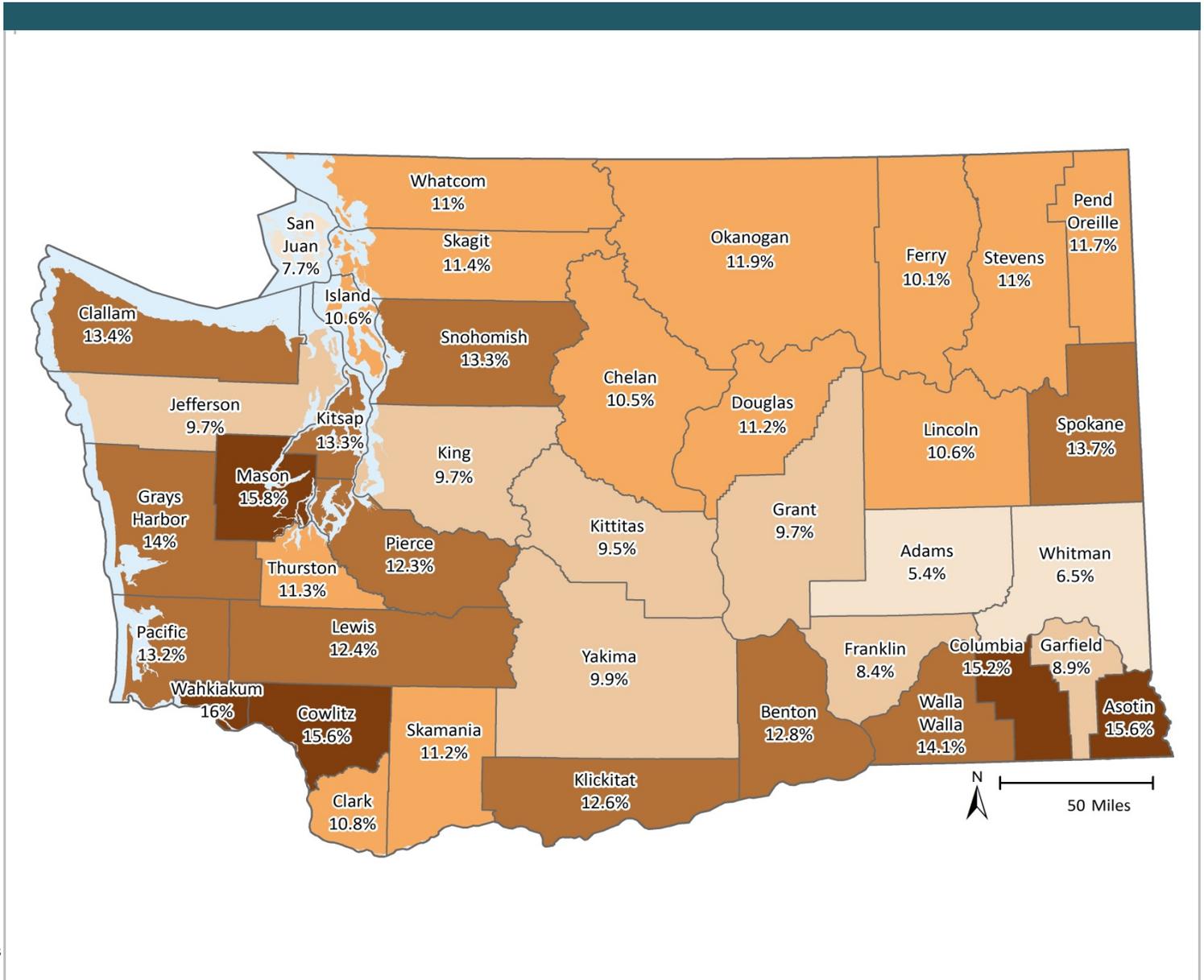
Percent of Medicaid-Expansion Adults with Co-Occurring Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.





Snohomish County

Behavioral Health Treatment Needs and Outcomes

Co-Occurring Disorder Treatment Need

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

COUNTY:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

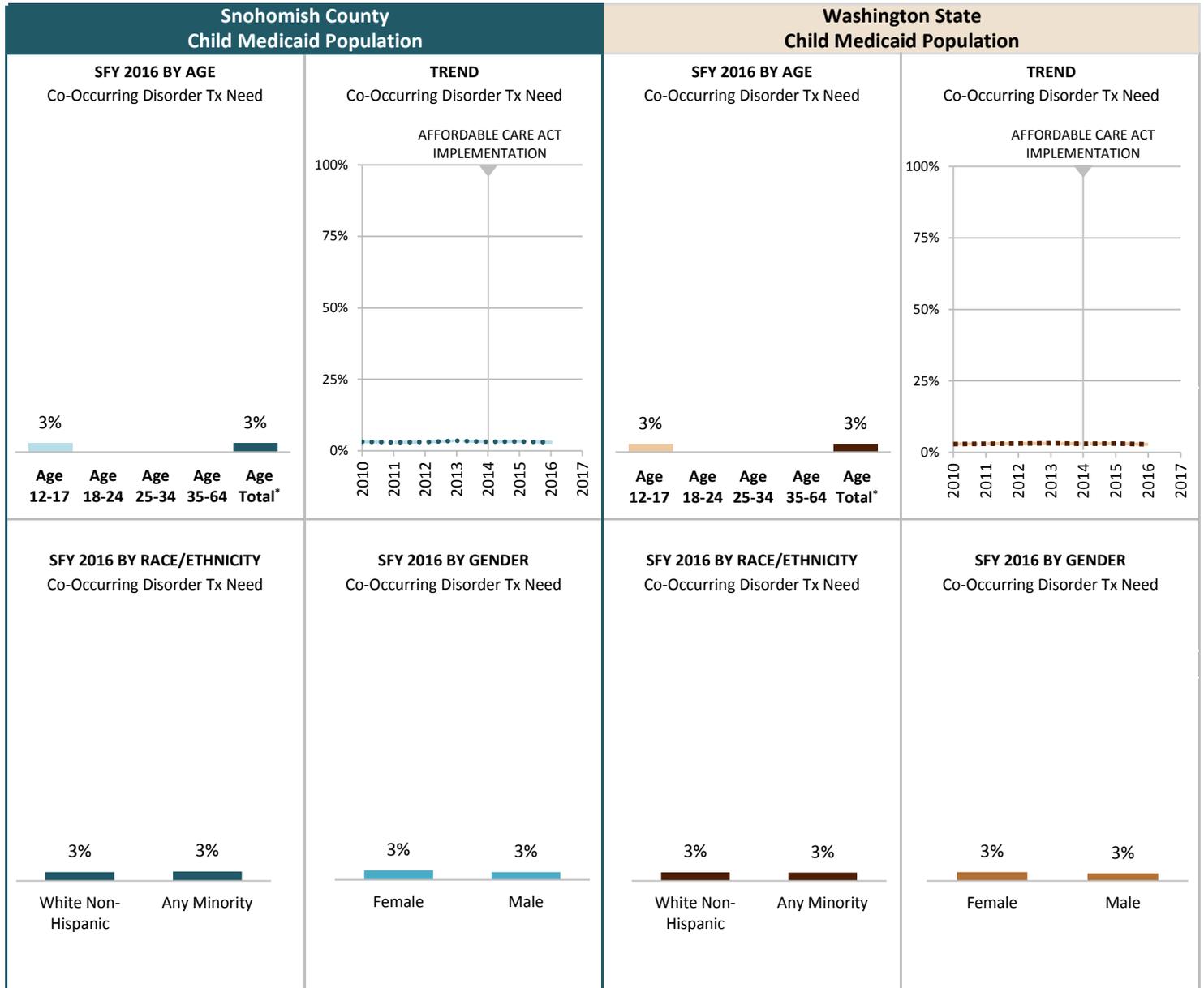
STATE:

- Age 12-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need	3.2%	3.0%	3.2%	3.5%	3.2%	3.3%	3.0%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	449	467	503	571	566	614	596		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 25-34 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 35-64 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age Total¹ w/COD Tx Need	3.2%	3.0%	3.2%	3.5%	3.2%	3.3%	3.0%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	449	467	503	571	566	614	596		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	8.7%	8.6%	8.7%	10.3%	8.8%	8.7%	8.0%		8.2%	8.1%	8.4%	8.7%	8.6%	8.5%	7.5%	
Persons w/COD Tx Need	88	92	99	120	98	102	100		1,006	1,030	1,085	1,139	1,131	1,131	1,011	
Total persons	1,008	1,072	1,133	1,160	1,115	1,175	1,253		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/COD Tx Need	2.1%	1.2%	1.5%	2.0%	1.6%	1.8%	2.1%		1.9%	1.8%	1.9%	2.1%	1.9%	1.9%	1.7%	
Persons w/COD Tx Need	25	16	20	27	26	30	37		216	221	240	276	283	287	271	
Total persons	1,196	1,316	1,334	1,341	1,598	1,703	1,745		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/COD Tx Need	4.1%	4.8%	4.4%	4.3%	4.2%	4.8%	4.1%		3.4%	3.4%	3.7%	3.9%	4.0%	4.2%	3.8%	
Persons w/COD Tx Need	45	58	57	60	64	74	68		607	642	712	781	826	897	837	
Total persons	1,088	1,214	1,309	1,408	1,513	1,554	1,679		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/COD Tx Need	2.0%	1.7%	1.7%	2.3%	2.1%	1.7%	1.7%		2.2%	2.2%	2.1%	2.5%	2.5%	2.6%	2.2%	
Persons w/COD Tx Need	11	11	12	16	16	15	15		143	162	162	198	215	237	220	
Total persons	542	643	700	700	752	813	870		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/COD Tx Need	2.1%	2.5%	2.4%	3.0%	2.7%	2.8%	3.0%		2.3%	2.5%	2.7%	2.8%	2.6%	2.6%	2.5%	
Persons w/COD Tx Need	56	77	80	110	112	130	154		1,003	1,207	1,349	1,512	1,537	1,652	1,702	
Total persons	2,615	3,043	3,384	3,658	4,209	4,621	5,129		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/COD Tx Need	3.4%	3.1%	3.3%	3.7%	3.5%	3.7%	3.1%		3.1%	3.1%	3.2%	3.3%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	262	254	280	307	308	332	285		2,320	2,489	2,611	2,698	2,760	2,935	2,824	
Total persons	7,749	8,308	8,429	8,259	8,878	9,027	9,251		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/COD Tx Need	3.3%	3.3%	3.2%	3.6%	3.1%	3.2%	3.2%		3%	3%	3%	3%	3%	3%	3%	
Persons w/COD Tx Need	186	212	222	263	256	279	307		2,437	2,702	2,946	3,219	3,267	3,473	3,349	
Total persons	5,684	6,447	6,951	7,312	8,171	8,774	9,500		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/COD Tx Need	3.2%	3.1%	3.1%	3.6%	3.2%	3.5%	3.3%		2.9%	2.9%	3.0%	3.1%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	221	234	245	290	286	327	327		2,322	2,461	2,631	2,825	3,022	3,373	3,299	
Total persons	6,977	7,631	7,957	8,064	8,854	9,311	9,876		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/COD Tx Need	3.3%	3.0%	3.2%	3.5%	3.1%	3.1%	2.7%		3.0%	3.1%	3.3%	3.3%	3.0%	2.9%	2.6%	
Persons w/COD Tx Need	228	233	258	281	280	287	269		2,444	2,737	2,933	3,101	3,017	3,049	2,901	
Total persons	6,995	7,708	8,007	8,134	8,974	9,360	9,911		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Co-Occurring Disorder Treatment Need Rates Among Medicaid-Children, by County

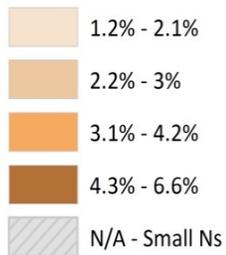
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

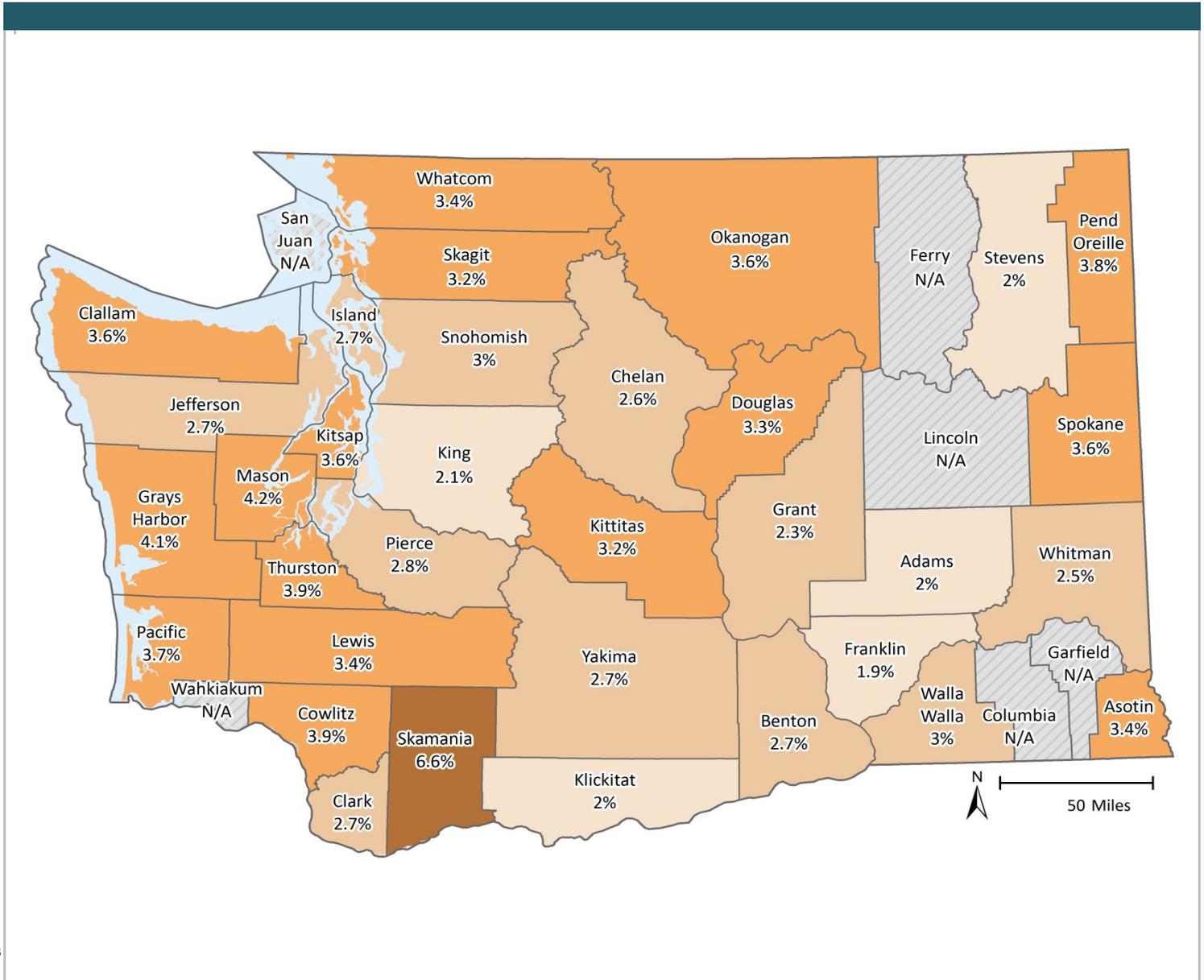
Percent of Medicaid-Children with Co-Occurring Disorder Tx Need



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. SUD data on those age 11 and younger is also not included as it is not collected.



Criminal Justice Involvement

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

COUNTY MEDICAID:

- Disabled
- Classic Adults
- Expansion Adults
- Children

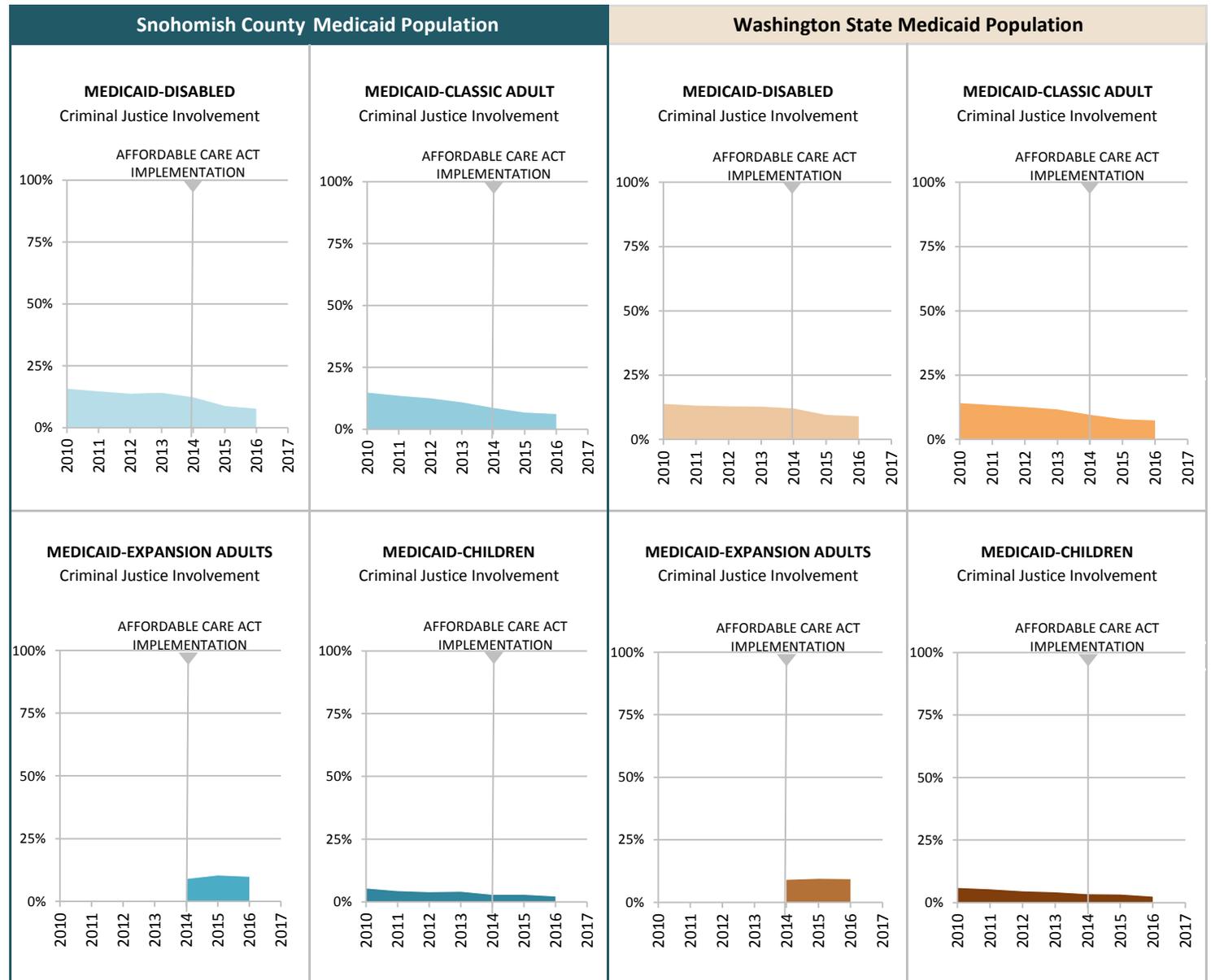
STATE MEDICAID:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data. CJS measures include ages 12-64.



SUPPORTING TABLES | Criminal Justice Involvement

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR by Medicaid Sub-Population	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	15.7%	14.6%	13.7%	14.1%	12.3%	8.8%	7.6%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	1,550	1,518	1,473	1,591	1,282	636	553		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	14.8%	13.5%	12.5%	10.9%	8.6%	6.7%	6.1%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	2,376	2,318	2,136	1,804	1,569	1,269	1,116		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					8.9%	10.3%	9.8%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					2,838	5,592	5,946						32,382	56,183	61,932	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	5.3%	4.3%	3.9%	4.0%	2.8%	2.8%	2.1%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	744	657	617	654	502	529	424		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.



Snohomish County

Behavioral Health Treatment Needs and Outcomes

Criminal Justice Involvement

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

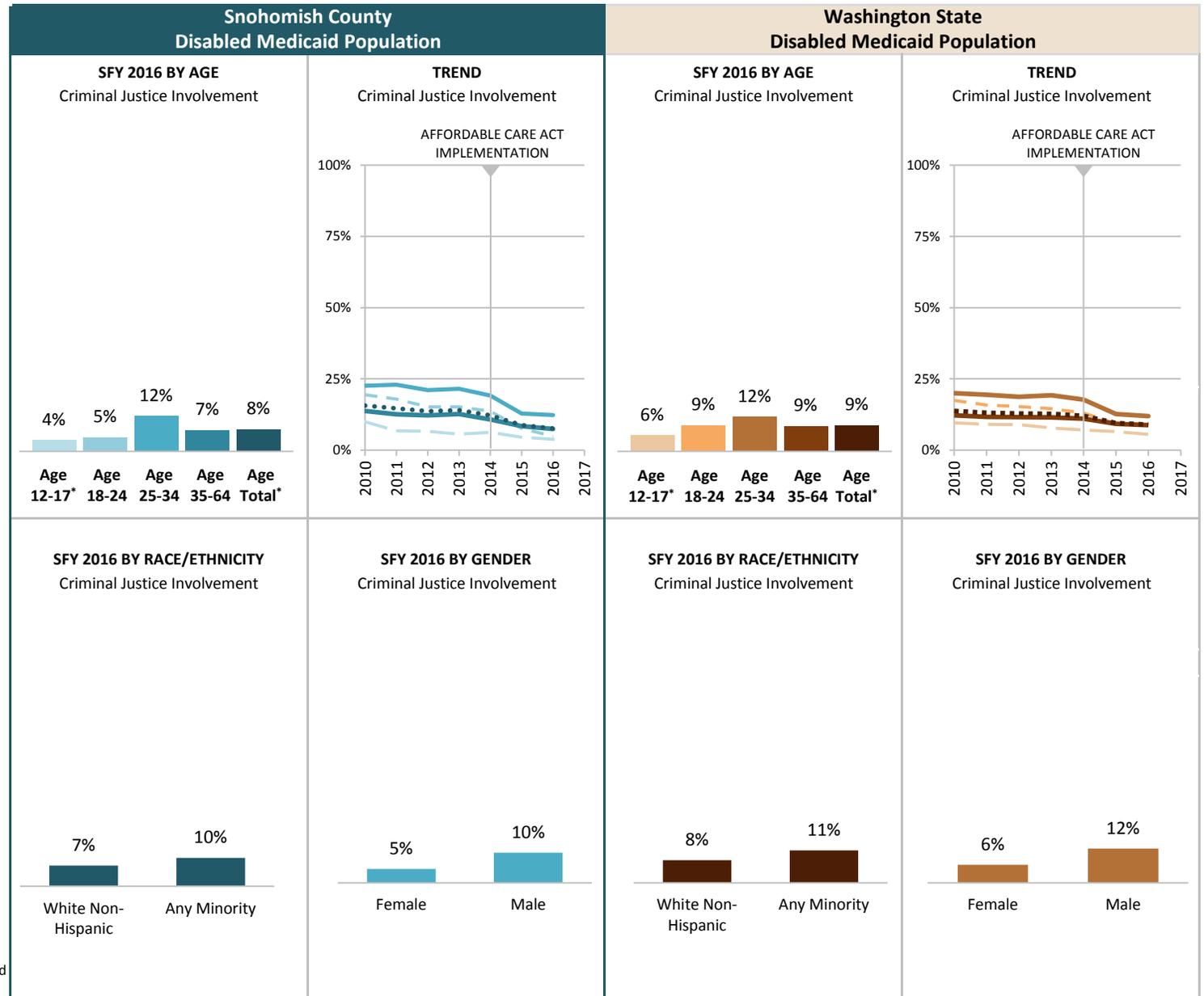
STATE:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



SUPPORTING TABLES | Criminal Justice Involvement

	Snohomish County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement	10.0%	6.8%	6.7%	5.7%	6.2%	4.6%	3.8%		9.6%	9.1%	9.0%	7.8%	7.1%	6.5%	5.6%	
Persons w/CJ Involvement	44	31	30	28	30	22	22		610	598	623	566	523	485	435	
Total persons	441	455	450	493	481	481	577		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/CJ Involvement	19.5%	17.9%	15.2%	15.2%	13.7%	7.6%	4.9%		17.5%	15.9%	15.3%	14.6%	13.0%	9.3%	9.0%	
Persons w/CJ Involvement	226	211	179	170	141	64	40		2,169	1,986	1,921	1,859	1,545	913	868	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/CJ Involvement	22.6%	23.0%	21.0%	21.5%	19.2%	12.8%	12.3%		20.0%	19.4%	18.7%	19.3%	17.7%	12.7%	12.0%	
Persons w/CJ Involvement	366	387	361	402	336	148	145		3,380	3,397	3,437	3,740	3,260	1,728	1,631	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/CJ Involvement	13.7%	12.6%	12.2%	12.7%	10.8%	8.4%	7.4%		12.2%	11.7%	11.6%	11.5%	11.1%	9.2%	8.8%	
Persons w/CJ Involvement	914	889	903	991	775	402	346		9,642	9,514	9,874	10,307	9,306	5,598	5,192	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total[†] w/CJ Involvement	15.7%	14.6%	13.7%	14.1%	12.3%	8.8%	7.6%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	1,550	1,518	1,473	1,591	1,282	636	553		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	9,876	10,362	10,744	11,310	10,462	7,264	7,241		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	21.6%	21.0%	21.0%	19.7%	19.6%	13.6%	15.5%		20.4%	19.4%	18.7%	18.7%	17.8%	14.0%	14.1%	
Persons w/CJ Involvement	177	176	182	175	159	75	84		2,380	2,329	2,321	2,422	2,183	1,334	1,307	
Total persons	821	839	866	890	813	552	541		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/CJ Involvement	8.3%	8.2%	8.3%	8.4%	7.6%	7.2%	4.9%		8.8%	8.2%	8.4%	7.9%	7.8%	5.6%	5.1%	
Persons w/CJ Involvement	44	47	47	49	43	29	20		507	486	507	500	461	255	226	
Total persons	531	574	568	586	563	403	406		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/CJ Involvement	26.5%	23.5%	22.4%	22.9%	19.0%	15.2%	11.5%		22.7%	21.7%	20.8%	20.5%	19.8%	15.7%	15.1%	
Persons w/CJ Involvement	177	169	169	187	148	85	68		3,182	3,196	3,279	3,424	3,176	1,943	1,868	
Total persons	667	719	754	815	778	559	589		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/CJ Involvement	11.4%	15.0%	10.0%	11.2%	10.6%		9.0%		12.7%	11.9%	11.9%	11.2%	10.3%	7.6%	7.5%	
Persons w/CJ Involvement	19	31	20	25	24		14		295	298	311	317	284	160	157	
Total persons	167	207	201	223	226	142	156		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/CJ Involvement	16.3%	15.1%	14.5%	13.3%	13.7%	8.4%	7.4%		14.1%	13.8%	13.2%	12.7%	12.4%	9.9%	8.8%	
Persons w/CJ Involvement	74	76	83	88	90	40	37		1,269	1,340	1,411	1,464	1,361	862	785	
Total persons	454	504	573	664	659	474	503		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/CJ Involvement	15.0%	14.0%	13.1%	13.6%	11.4%	8.2%	7.0%		12.2%	11.5%	11.3%	11.3%	10.6%	8.3%	7.8%	
Persons w/CJ Involvement	1,099	1,067	1,025	1,117	861	427	361		9,044	8,717	8,886	9,272	8,084	4,720	4,342	
Total persons	7,319	7,618	7,828	8,187	7,537	5,217	5,123		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/CJ Involvement	18.3%	17.2%	16.3%	16.1%	15.2%	10.9%	9.7%		17%	17%	16%	16%	15%	12%	11%	
Persons w/CJ Involvement	442	443	441	465	417	208	191		6,712	6,723	6,906	7,135	6,503	3,970	3,747	
Total persons	2,418	2,578	2,707	2,897	2,737	1,914	1,971		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/CJ Involvement	10.5%	9.9%	9.2%	9.2%	8.0%	5.9%	4.9%		9.2%	8.9%	8.6%	8.5%	7.9%	6.7%	6.2%	
Persons w/CJ Involvement	528	524	502	518	408	213	176		5,307	5,309	5,287	5,421	4,694	3,056	2,757	
Total persons	5,017	5,291	5,431	5,630	5,131	3,640	3,625		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/CJ Involvement	21.0%	19.6%	18.3%	18.9%	16.4%	11.7%	10.4%		18.5%	17.4%	17.1%	16.8%	16.0%	12.3%	11.8%	
Persons w/CJ Involvement	1,022	994	971	1,073	874	423	377		10,494	10,186	10,568	11,051	9,940	5,668	5,369	
Total persons	4,859	5,071	5,313	5,680	5,331	3,624	3,616		56,603	58,414	61,776	65,594	62,069	45,905	45,684	

Criminal Justice Involvement Rates

Among Medicaid-Disabled Youth and Adults, by County

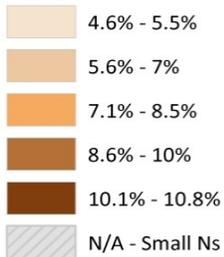
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

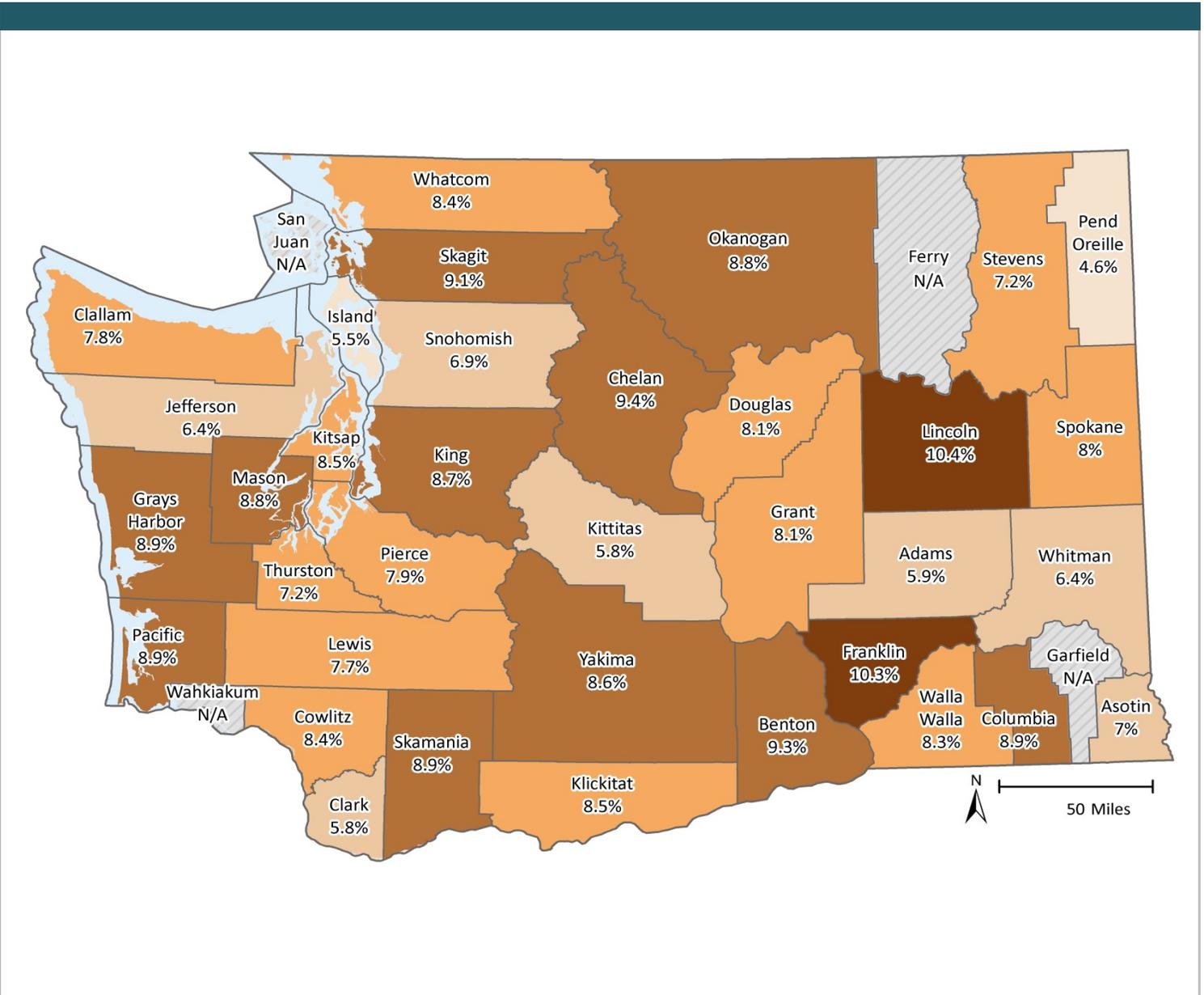
Percent of Medicaid-Disabled Youth and Adults with Criminal Justice Involvement



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



Criminal Justice Involvement

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

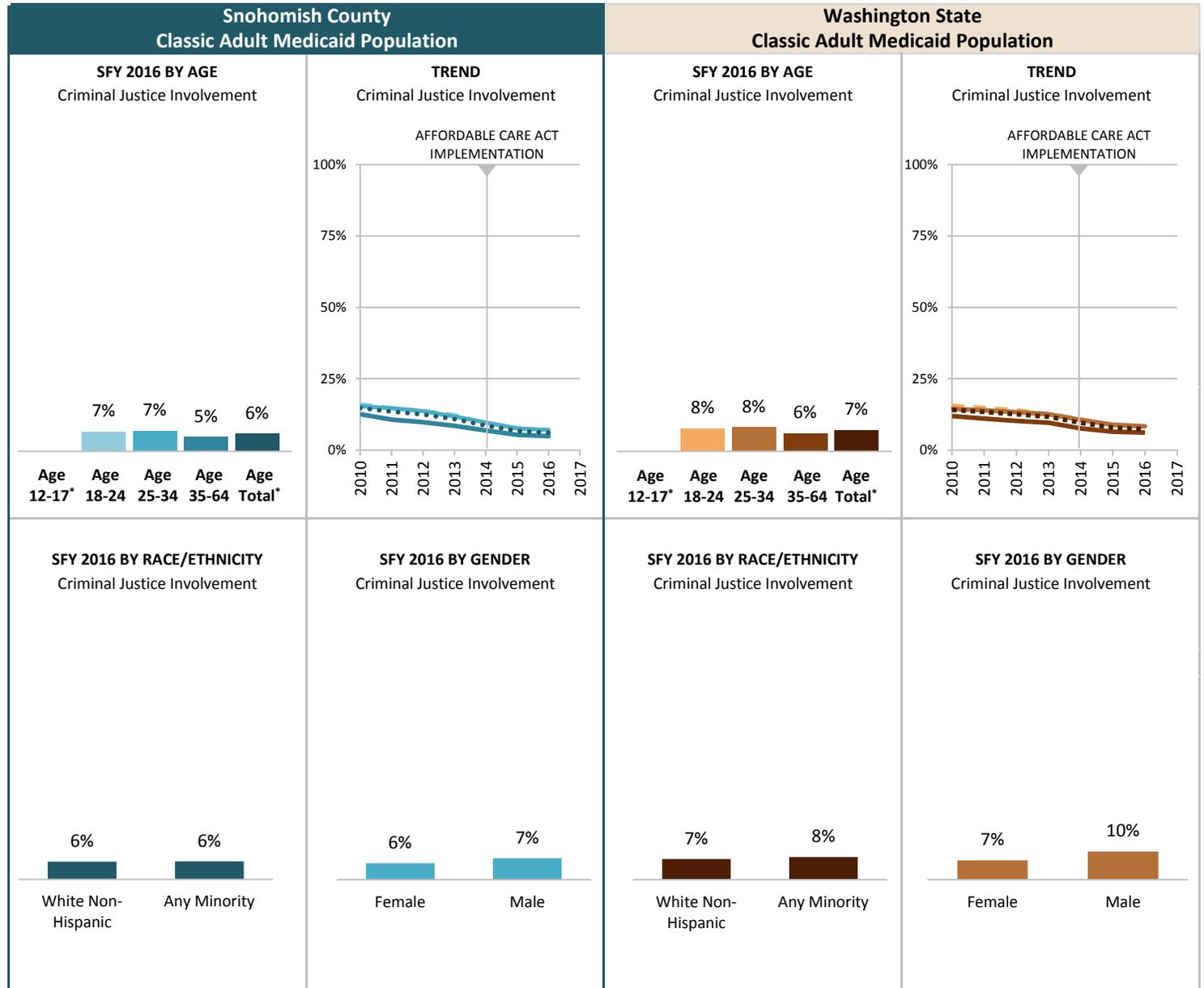
STATE:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR	Snohomish County								Washington State							
	Classic Adult Medicaid Population								Classic Adult Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 12-17 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement	16.3%	14.9%	14.0%	12.5%	9.7%	7.9%	6.8%		15.7%	15.0%	14.2%	12.7%	11.1%	8.7%	8.0%	
Persons w/CJ Involvement	709	636	553	451	314	209	159		8,439	7,983	7,124	5,956	4,651	3,024	2,382	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/CJ Involvement	15.4%	14.7%	13.7%	11.8%	9.7%	7.6%	7.1%		14.5%	13.9%	13.3%	12.6%	10.6%	8.9%	8.3%	
Persons w/CJ Involvement	1,057	1,101	1,028	873	759	621	556		11,497	11,820	11,327	10,668	9,545	8,141	7,290	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/CJ Involvement	12.6%	10.7%	9.8%	8.6%	6.9%	5.4%	5.0%		12.0%	11.1%	10.3%	9.6%	7.6%	6.4%	6.2%	
Persons w/CJ Involvement	610	581	555	480	496	439	401		6,476	6,470	6,166	5,834	5,858	5,576	5,307	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total[†] w/CJ Involvement	14.8%	13.5%	12.5%	10.9%	8.6%	6.7%	6.1%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	2,376	2,318	2,136	1,804	1,569	1,269	1,116		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	24.2%	24.9%	24.4%	18.6%	17.8%	14.5%	13.4%		23.3%	22.2%	21.3%	19.7%	17.6%	15.2%	14.6%	
Persons w/CJ Involvement	290	303	277	196	189	147	130		3,665	3,568	3,389	3,068	2,731	2,241	2,018	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/CJ Involvement	10.5%	10.1%	7.3%	6.2%	5.4%	3.9%	3.9%		10.4%	9.6%	9.4%	8.0%	6.2%	5.0%	4.5%	
Persons w/CJ Involvement	89	99	78	61	69	56	55		931	943	976	838	796	691	602	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/CJ Involvement	21.2%	17.1%	15.7%	13.4%	12.1%	8.3%	7.5%		19.2%	17.8%	16.6%	15.2%	13.3%	10.9%	9.8%	
Persons w/CJ Involvement	243	218	203	186	181	127	112		3,932	3,913	3,721	3,416	3,100	2,467	2,076	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/CJ Involvement	14.0%	12.1%	10.4%	7.7%	6.9%	5.2%	5.6%		12.9%	12.2%	11.7%	9.5%	8.1%	6.5%	5.9%	
Persons w/CJ Involvement	69	73	64	47	53	45	47		848	878	894	760	748	649	568	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/CJ Involvement	13.5%	12.7%	11.5%	10.2%	8.1%	6.3%	5.0%		13.9%	13.7%	12.9%	12.2%	9.5%	7.7%	7.0%	
Persons w/CJ Involvement	209	216	210	189	179	150	116		3,888	4,127	4,010	3,792	3,504	2,959	2,586	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/CJ Involvement	14.6%	13.2%	12.4%	11.0%	8.3%	6.8%	6.3%		13.3%	12.6%	11.8%	11.1%	9.0%	7.6%	7.3%	
Persons w/CJ Involvement	1,584	1,509	1,406	1,201	979	806	712		14,551	14,305	13,221	12,069	10,538	8,895	8,099	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/CJ Involvement	16.6%	15.5%	13.7%	11.5%	9.6%	7.0%	6.4%		16%	15%	14%	13%	11%	9%	8%	
Persons w/CJ Involvement	763	788	714	590	573	448	396		11,590	11,738	11,206	10,252	9,400	7,749	6,782	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/CJ Involvement	12.7%	12.0%	10.7%	9.4%	7.8%	6.3%	5.8%		11.7%	11.2%	10.5%	9.8%	8.3%	7.1%	6.7%	
Persons w/CJ Involvement	1,626	1,623	1,441	1,238	1,113	937	837		16,960	16,967	15,867	14,617	13,376	11,812	10,694	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/CJ Involvement	22.9%	18.9%	19.0%	16.4%	11.3%	8.1%	7.5%		22.5%	20.5%	19.5%	18.1%	13.7%	10.4%	9.8%	
Persons w/CJ Involvement	750	695	695	566	456	332	279		9,452	9,306	8,750	7,841	6,678	4,929	4,285	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Criminal Justice Involvement Rates

Among Medicaid-Classic Adults, by County

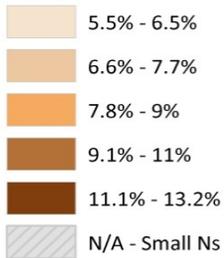
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

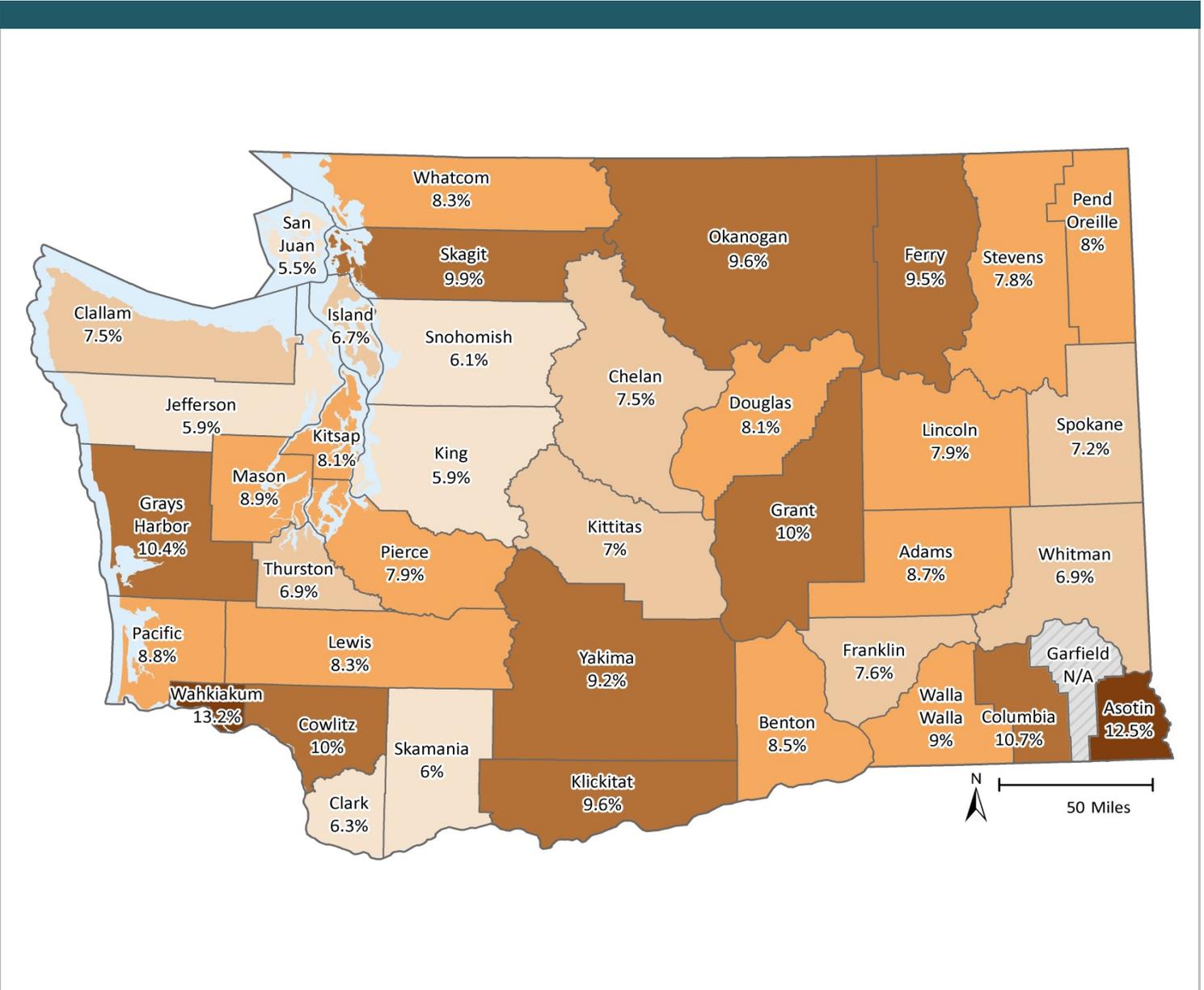
Percent of Medicaid-Classic Adults with Criminal Justice Involvement



SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



Criminal Justice Involvement

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

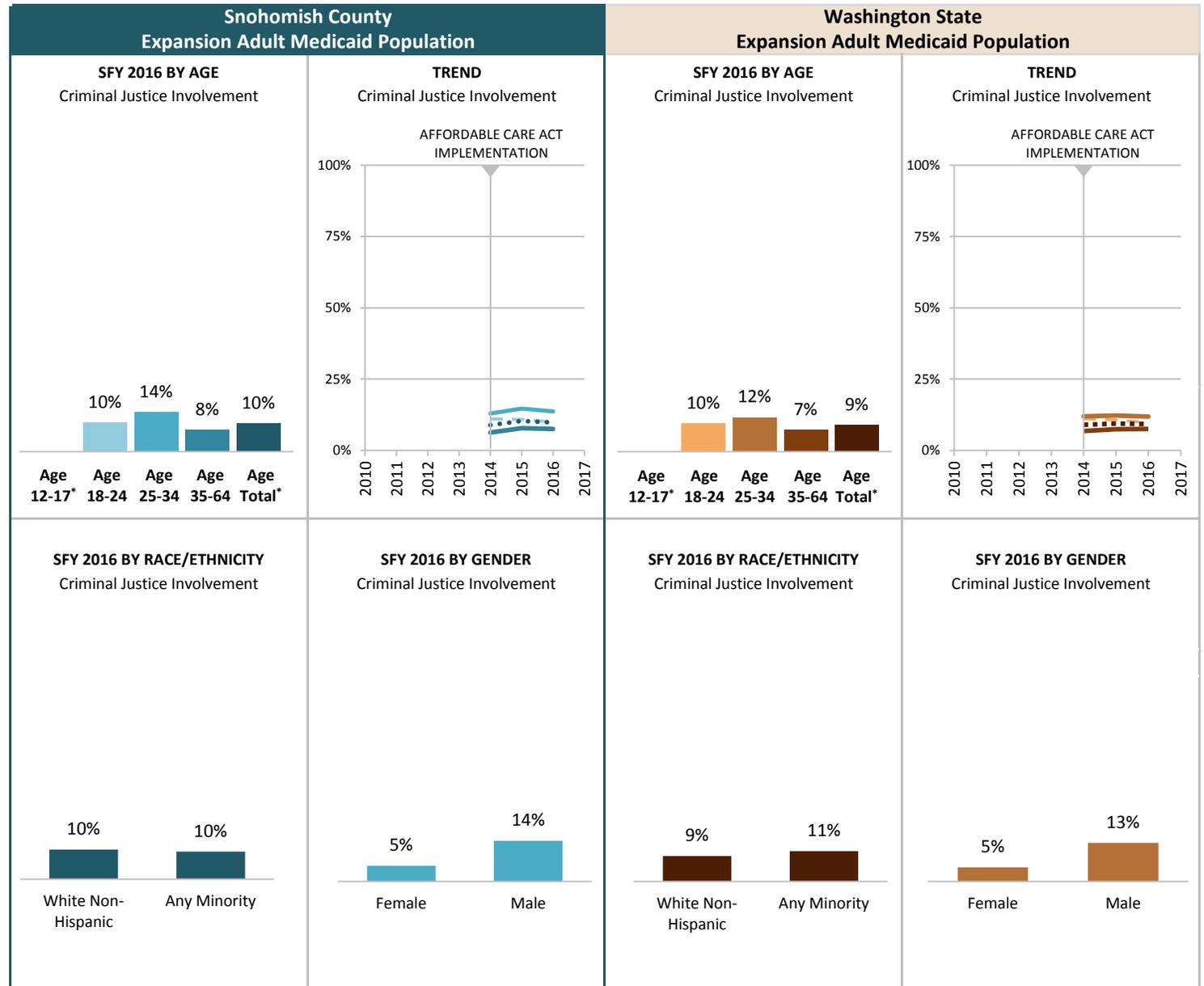
STATE:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement					11.1%	10.9%	10.0%						11.2%	10.7%	9.8%	
Persons w/CJ Involvement					531	940	1,007						6,674	11,052	11,751	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/CJ Involvement					13.0%	14.7%	13.7%						12.0%	12.2%	11.9%	
Persons w/CJ Involvement					1,158	2,322	2,478						12,268	21,609	24,337	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/CJ Involvement					6.3%	7.8%	7.5%						6.8%	7.4%	7.5%	
Persons w/CJ Involvement					1,149	2,330	2,461						13,440	23,522	25,844	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total[†] w/CJ Involvement					8.9%	10.3%	9.8%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					2,838	5,592	5,946						32,382	56,183	61,932	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement					21.7%	25.5%	21.0%						21.4%	21.3%	19.8%	
Persons w/CJ Involvement					237	584	606						3,599	6,462	6,981	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/CJ Involvement					3.4%	4.7%	4.7%						4.1%	4.7%	4.7%	
Persons w/CJ Involvement					130	257	273						1,365	2,290	2,430	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/CJ Involvement					12.2%	14.6%	12.9%						14.9%	15.7%	15.4%	
Persons w/CJ Involvement					225	475	483						4,205	7,707	8,631	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/CJ Involvement					7.1%	7.5%	7.0%						8.0%	8.0%	7.8%	
Persons w/CJ Involvement					79	146	153						917	1,629	1,830	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/CJ Involvement					7.8%	9.7%	8.8%						8.5%	9.2%	9.3%	
Persons w/CJ Involvement					235	509	543						4,450	7,829	9,022	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/CJ Involvement					9.8%	10.8%	10.4%						8.9%	9.1%	8.9%	
Persons w/CJ Involvement					2,026	3,824	4,067						19,312	32,907	35,892	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/CJ Involvement					8.0%	10.3%	9.6%						10%	11%	11%	
Persons w/CJ Involvement					789	1,706	1,817						12,841	22,753	25,401	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/CJ Involvement					4.8%	5.7%	5.5%						4.8%	5.0%	4.9%	
Persons w/CJ Involvement					787	1,552	1,669						8,688	14,742	16,055	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/CJ Involvement					13.1%	14.9%	14.1%						13.1%	13.6%	13.4%	
Persons w/CJ Involvement					2,051	4,040	4,277						23,694	41,441	45,877	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Criminal Justice Involvement Rates

Among Medicaid-Expansion Adults, by County

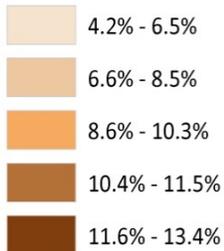
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

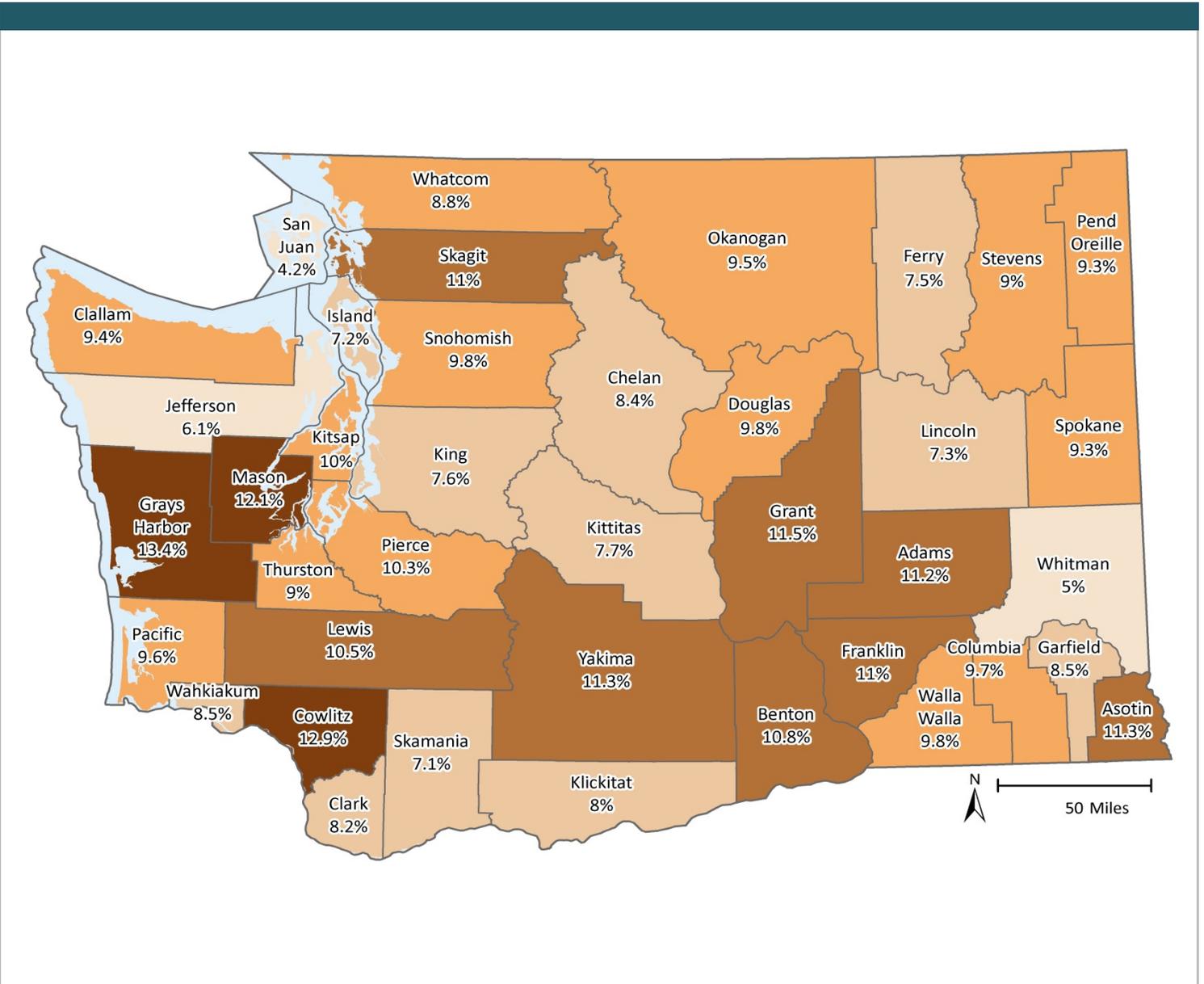
Percent of Medicaid-Expansion Adults with Criminal Justice Involvement



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



Criminal Justice Involvement

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

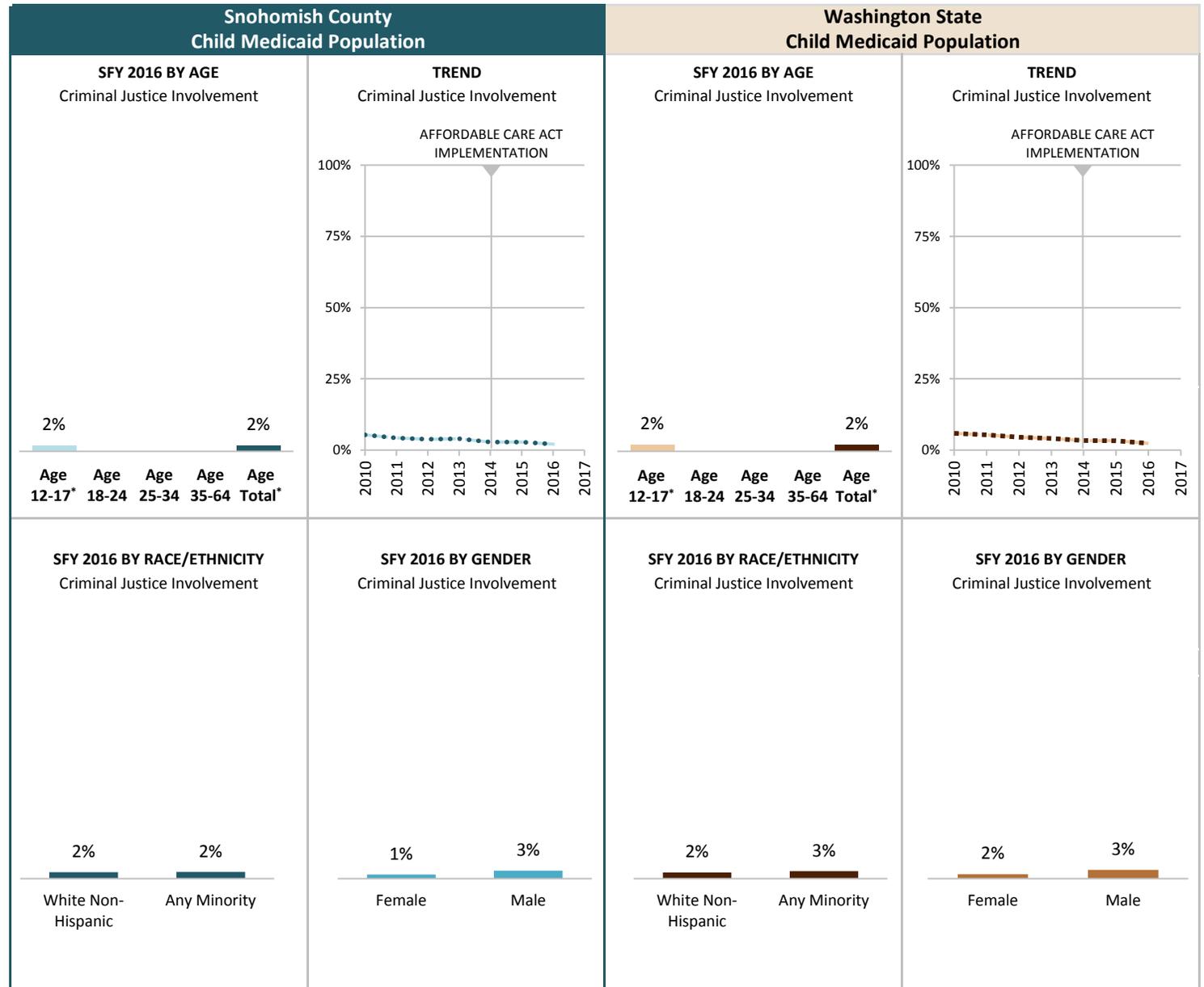
STATE:

- Age 12-17*
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



SUPPORTING TABLES | Criminal Justice Involvement

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement	5.3%	4.3%	3.9%	4.0%	2.8%	2.8%	2.1%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	744	657	617	654	502	529	424		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 25-34 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 35-64 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age Total[†] w/CJ Involvement	5.3%	4.3%	3.9%	4.0%	2.8%	2.8%	2.1%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	744	657	617	654	502	529	424		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	13,972	15,339	15,964	16,198	17,828	18,671	19,787		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	9.3%	7.3%	7.1%	8.4%	6.1%	6.5%	5.3%		10.4%	9.3%	8.5%	8.2%	7.1%	7.0%	5.2%	
Persons w/CJ Involvement	94	78	81	98	68	76	67		1,269	1,186	1,094	1,072	931	923	709	
Total persons	1,008	1,072	1,133	1,160	1,115	1,175	1,253		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/CJ Involvement	3.0%	2.8%	1.9%	2.2%	1.6%	1.7%	1.0%		3.8%	3.5%	3.0%	2.5%	1.8%	1.8%	1.2%	
Persons w/CJ Involvement	36	37	26	30	25	29	18		426	428	375	324	261	271	193	
Total persons	1,196	1,316	1,334	1,341	1,598	1,703	1,745		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/CJ Involvement	9.0%	7.9%	5.8%	6.9%	4.6%	4.6%	4.1%		8.7%	7.7%	6.9%	6.4%	5.5%	5.4%	4.5%	
Persons w/CJ Involvement	98	96	76	97	69	72	69		1,548	1,426	1,324	1,283	1,142	1,145	997	
Total persons	1,088	1,214	1,309	1,408	1,513	1,554	1,679		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/CJ Involvement	3.7%	3.0%	3.7%	3.9%	2.1%	1.7%	1.4%		4.8%	4.3%	4.1%	3.7%	2.9%	3.0%	2.2%	
Persons w/CJ Involvement	20	19	26	27	16	14	12		315	313	318	297	251	276	212	
Total persons	542	643	700	700	752	813	870		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/CJ Involvement	5.7%	4.5%	4.2%	3.9%	2.5%	2.6%	2.1%		6.1%	5.7%	4.7%	4.1%	3.3%	3.2%	2.3%	
Persons w/CJ Involvement	149	138	142	142	104	120	107		2,681	2,715	2,383	2,191	1,944	2,006	1,564	
Total persons	2,615	3,043	3,384	3,658	4,209	4,621	5,129		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/CJ Involvement	5.0%	4.1%	3.7%	3.9%	3.0%	3.0%	2.2%		5.4%	5.0%	4.1%	3.9%	3.2%	3.1%	2.2%	
Persons w/CJ Involvement	387	340	315	324	263	269	203		4,088	3,971	3,367	3,168	2,781	2,795	2,075	
Total persons	7,749	8,308	8,429	8,259	8,878	9,027	9,251		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/CJ Involvement	6.1%	4.8%	4.3%	4.4%	2.8%	2.9%	2.3%		7%	6%	5%	5%	4%	4%	3%	
Persons w/CJ Involvement	349	311	298	325	231	255	220		5,388	5,196	4,684	4,395	3,874	3,901	3,099	
Total persons	5,684	6,447	6,951	7,312	8,171	8,774	9,500		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/CJ Involvement	3.6%	3.3%	2.8%	2.8%	2.0%	2.1%	1.5%		4.2%	3.8%	3.2%	2.9%	2.4%	2.3%	1.6%	
Persons w/CJ Involvement	252	250	219	222	175	192	147		3,439	3,277	2,817	2,651	2,324	2,329	1,751	
Total persons	6,977	7,631	7,957	8,064	8,854	9,311	9,876		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/CJ Involvement	7.0%	5.3%	5.0%	5.3%	3.6%	3.6%	2.8%		7.5%	6.8%	5.9%	5.3%	4.4%	4.2%	3.1%	
Persons w/CJ Involvement	492	407	398	432	327	337	277		6,103	5,960	5,282	4,941	4,378	4,411	3,458	
Total persons	6,995	7,708	8,007	8,134	8,974	9,360	9,911		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Criminal Justice Involvement Rates Among Medicaid-Children, by County

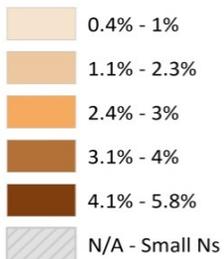
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who had an indicator of Criminal Justice Involvement in at least one month of the SFY. See Technical Notes for details.

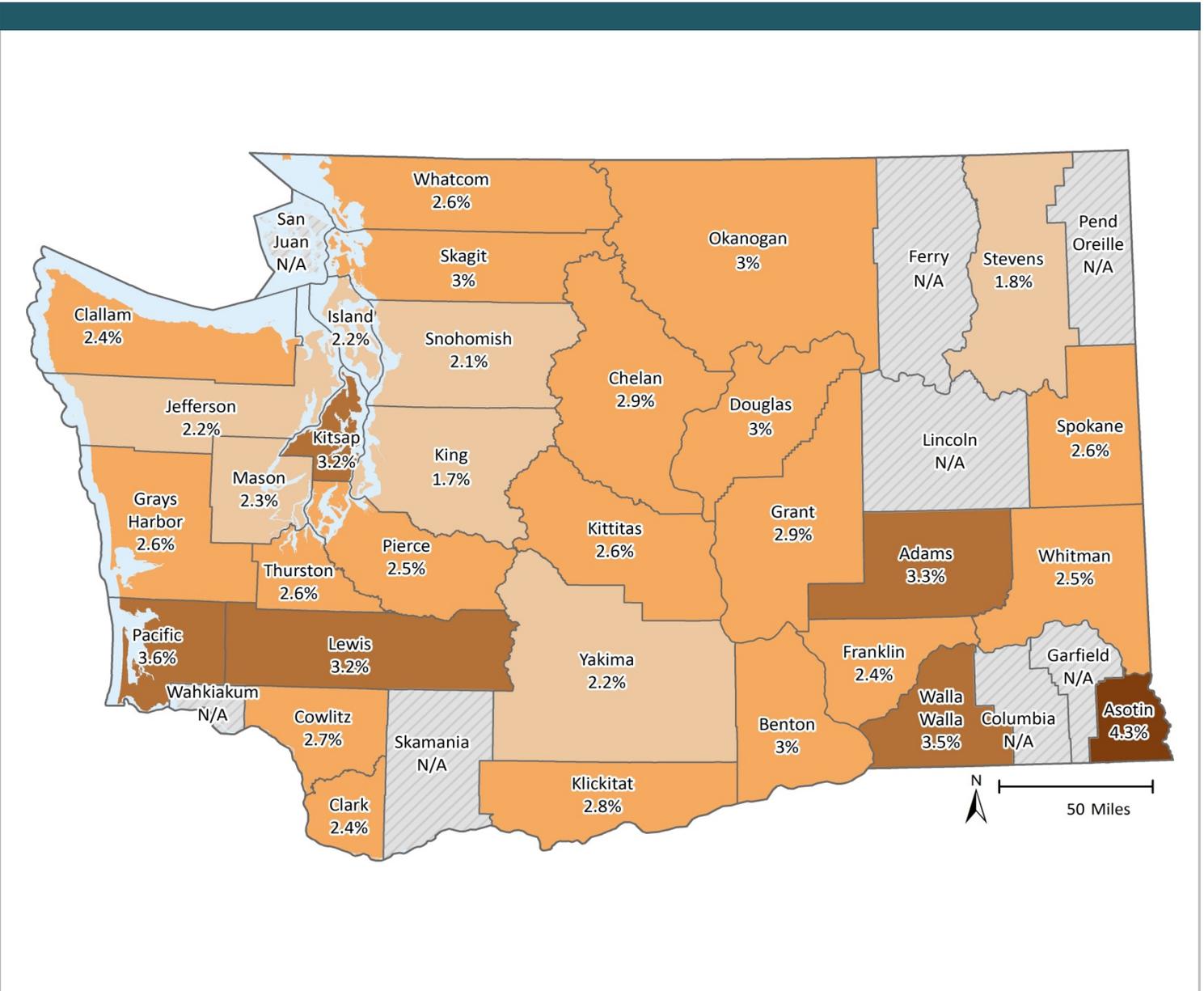
Percent of Medicaid-Children with Criminal Justice Involvement



SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.



Psychotropic Polypharmacy

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Psychotropic Polypharmacy

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	15.0%	13.7%	12.9%	11.4%	12.9%	12.7%	13.4%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	1,597	1,519	1,489	1,386	1,451	1,026	1,078		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	2.0%	2.5%	2.2%	1.8%	2.4%	3.2%	3.5%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	327	422	371	303	444	605	641		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					1.5%	3.2%	3.4%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					487	1,721	2,082						4,922	16,087	19,012	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	171	210	190	183	196	238	284		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Psychotropic Polypharmacy

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

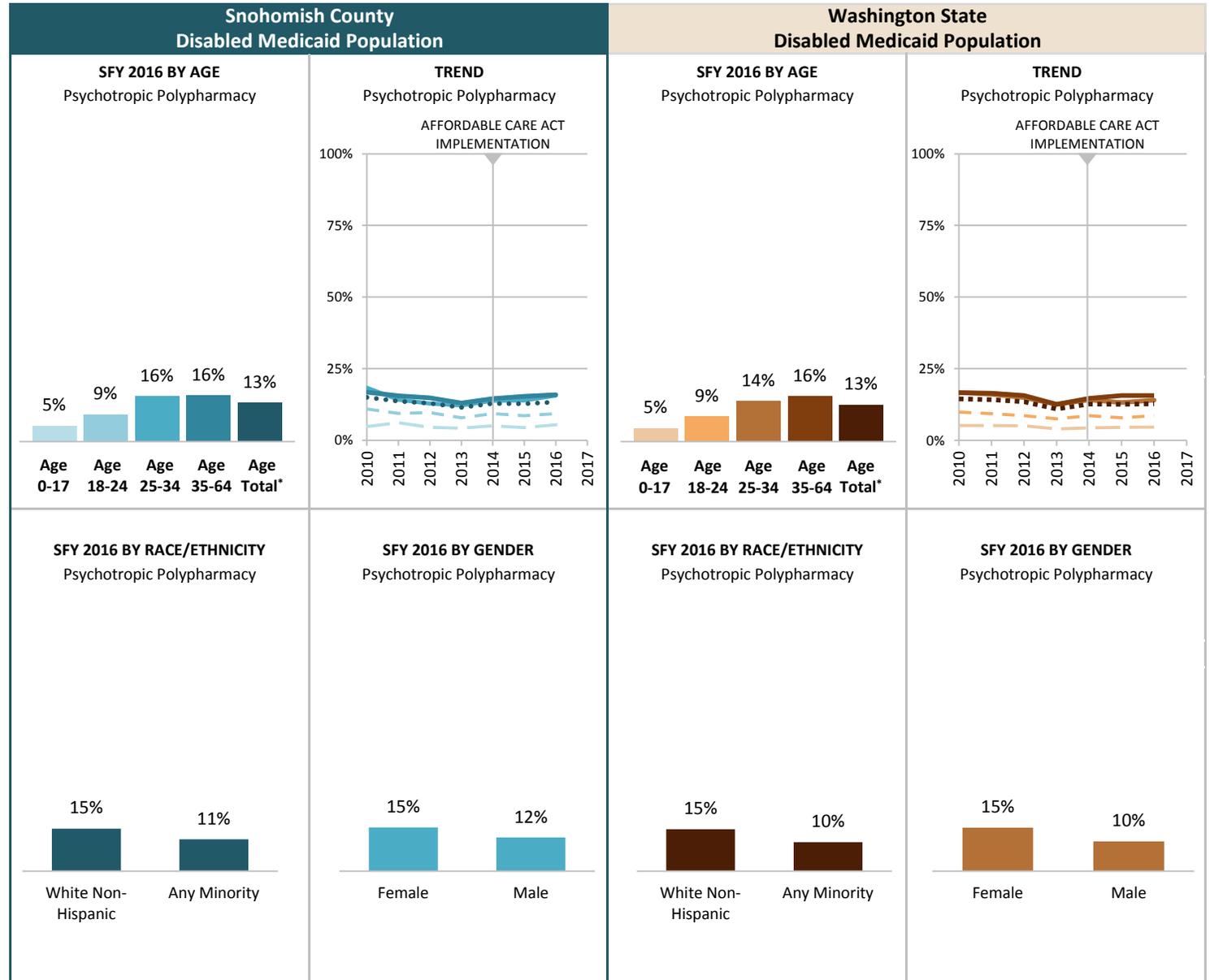
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Psychotropic Polypharmacy

STATE FISCAL YEAR	Snohomish County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.	4.8%	6.2%	4.6%	4.2%	5.1%	4.4%	5.5%		5.2%	5.2%	5.1%	4.0%	4.3%	4.5%	4.6%	
Persons w/psy. polypharm.	57	74	57	55	66	57	77	866	897	912	733	798	832	863		
Total persons	1,199	1,202	1,252	1,305	1,293	1,281	1,408	16,781	17,300	17,984	18,543	18,499	18,398	18,838		
Age 18-24 w/psy. polypharm.	10.9%	9.4%	9.7%	7.9%	9.3%	8.6%	9.3%		9.8%	9.3%	8.6%	7.5%	8.6%	7.9%	8.6%	
Persons w/psy. polypharm.	127	111	114	88	96	72	76	1,219	1,161	1,077	961	1,017	770	829		
Total persons	1,161	1,177	1,174	1,117	1,031	842	815	12,428	12,515	12,560	12,748	11,876	9,790	9,630		
Age 25-34 w/psy. polypharm.	18.3%	14.1%	12.8%	12.2%	13.8%	13.9%	15.6%		16.7%	16.1%	14.9%	12.5%	14.1%	13.2%	14.0%	
Persons w/psy. polypharm.	296	238	220	227	242	161	184	2,834	2,813	2,729	2,425	2,599	1,802	1,906		
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180	16,942	17,492	18,352	19,368	18,422	13,637	13,622		
Age 35-64 w/psy. polypharm.	16.8%	15.6%	14.8%	13.0%	14.5%	15.4%	15.9%		16.6%	16.5%	15.6%	12.6%	14.7%	15.6%	15.6%	
Persons w/psy. polypharm.	1,117	1,096	1,098	1,016	1,047	736	741	13,096	13,369	13,348	11,275	12,312	9,460	9,259		
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669	78,732	81,208	85,414	89,764	83,896	60,692	59,172		
Age Total† w/psy. polypharm.	15.0%	13.7%	12.9%	11.4%	12.9%	12.7%	13.4%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	1,597	1,519	1,489	1,386	1,451	1,026	1,078	18,015	18,240	18,066	15,394	16,726	12,864	12,857		
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072	124,883	128,515	134,310	140,423	132,693	102,517	101,262		
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	18.0%	16.5%	16.9%	15.9%	17.6%	16.0%	16.4%		16.5%	16.0%	14.9%	12.6%	14.1%	13.9%	14.3%	
Persons w/psy. polypharm.	158	147	157	152	154	98	99	2,082	2,076	1,998	1,764	1,872	1,446	1,449		
Total persons	880	893	927	954	875	611	604	12,656	12,987	13,443	13,990	13,263	10,410	10,105		
Asian w/psy. polypharm.	11.0%	10.3%	10.3%	9.6%	9.3%	11.2%	12.9%		10.5%	10.6%	10.8%	9.2%	9.9%	10.4%	11.2%	
Persons w/psy. polypharm.	62	63	63	61	57	50	60	646	670	695	622	636	525	558		
Total persons	563	613	611	634	610	446	464	6,163	6,321	6,430	6,757	6,406	5,052	4,987		
Black w/psy. polypharm.	11.2%	10.3%	9.2%	10.0%	9.9%	8.7%	10.4%		11.4%	11.4%	10.8%	8.9%	9.8%	9.6%	9.3%	
Persons w/psy. polypharm.	84	83	79	94	90	60	76	1,798	1,887	1,903	1,663	1,761	1,368	1,334		
Total persons	753	804	857	941	906	686	730	15,723	16,528	17,644	18,598	18,024	14,300	14,301		
Hawaiian/PI w/psy. polypharm.	10.1%	10.6%	9.2%	8.0%	8.7%	7.4%	14.5%		11.0%	10.4%	10.0%	8.9%	9.3%	10.4%	10.2%	
Persons w/psy. polypharm.	20	26	22	21	23	13	29	295	302	305	291	303	272	267		
Total persons	199	245	240	263	265	176	200	2,678	2,909	3,037	3,282	3,243	2,606	2,606		
Hispanic w/psy. polypharm.	11.0%	8.7%	8.7%	7.0%	6.0%	6.7%	6.8%		8.2%	8.3%	7.9%	6.6%	7.8%	7.1%	7.5%	
Persons w/psy. polypharm.	68	59	67	61	53	47	51	986	1,067	1,100	976	1,121	866	913		
Total persons	618	682	770	871	880	702	755	11,952	12,861	13,932	14,847	14,405	12,112	12,221		
White Only w/psy. polypharm.	15.9%	14.6%	13.6%	12.1%	13.9%	14.0%	14.7%		16.2%	16.0%	15.1%	12.3%	14.3%	14.5%	14.7%	
Persons w/psy. polypharm.	1,224	1,169	1,119	1,034	1,101	781	803	12,727	12,774	12,568	10,595	11,589	8,853	8,786		
Total persons	7,717	7,983	8,215	8,545	7,893	5,566	5,452	78,533	80,029	82,980	86,371	80,978	60,981	59,899		
Any Minority w/psych polypharm.	13.2%	11.8%	11.7%	10.5%	10.9%	10.3%	11.0%		12%	12%	11%	9%	10%	10%	10%	
Persons w/psy. polypharm.	362	344	360	348	346	240	269	5,233	5,413	5,439	4,758	5,080	3,967	4,017		
Total persons	2,739	2,919	3,086	3,316	3,162	2,334	2,438	44,553	46,500	49,152	51,746	49,612	39,746	39,447		
Population by Gender																
Females w/psy. polypharm.	17.3%	16.2%	15.2%	13.2%	15.7%	14.7%	15.2%		16.9%	16.8%	15.9%	13.1%	15.0%	15.1%	15.2%	
Persons w/psy. polypharm.	917	904	869	781	852	578	593	10,386	10,599	10,431	8,849	9,495	7,465	7,353		
Total persons	5,302	5,577	5,729	5,935	5,428	3,933	3,913	61,618	63,257	65,436	67,598	63,423	49,480	48,350		
Males w/psy. polypharm.	12.8%	11.1%	10.7%	9.8%	10.2%	10.8%	11.7%		12.1%	11.7%	11.1%	9.0%	10.4%	10.2%	10.4%	
Persons w/psy. polypharm.	680	615	620	605	599	448	485	7,629	7,641	7,635	6,545	7,231	5,399	5,504		
Total persons	5,332	5,532	5,817	6,187	5,846	4,131	4,159	63,265	65,258	68,874	72,825	69,270	53,037	52,912		

Psychotropic Polypharmacy Use Rates Among Medicaid-Disabled Youth and Adults, by County

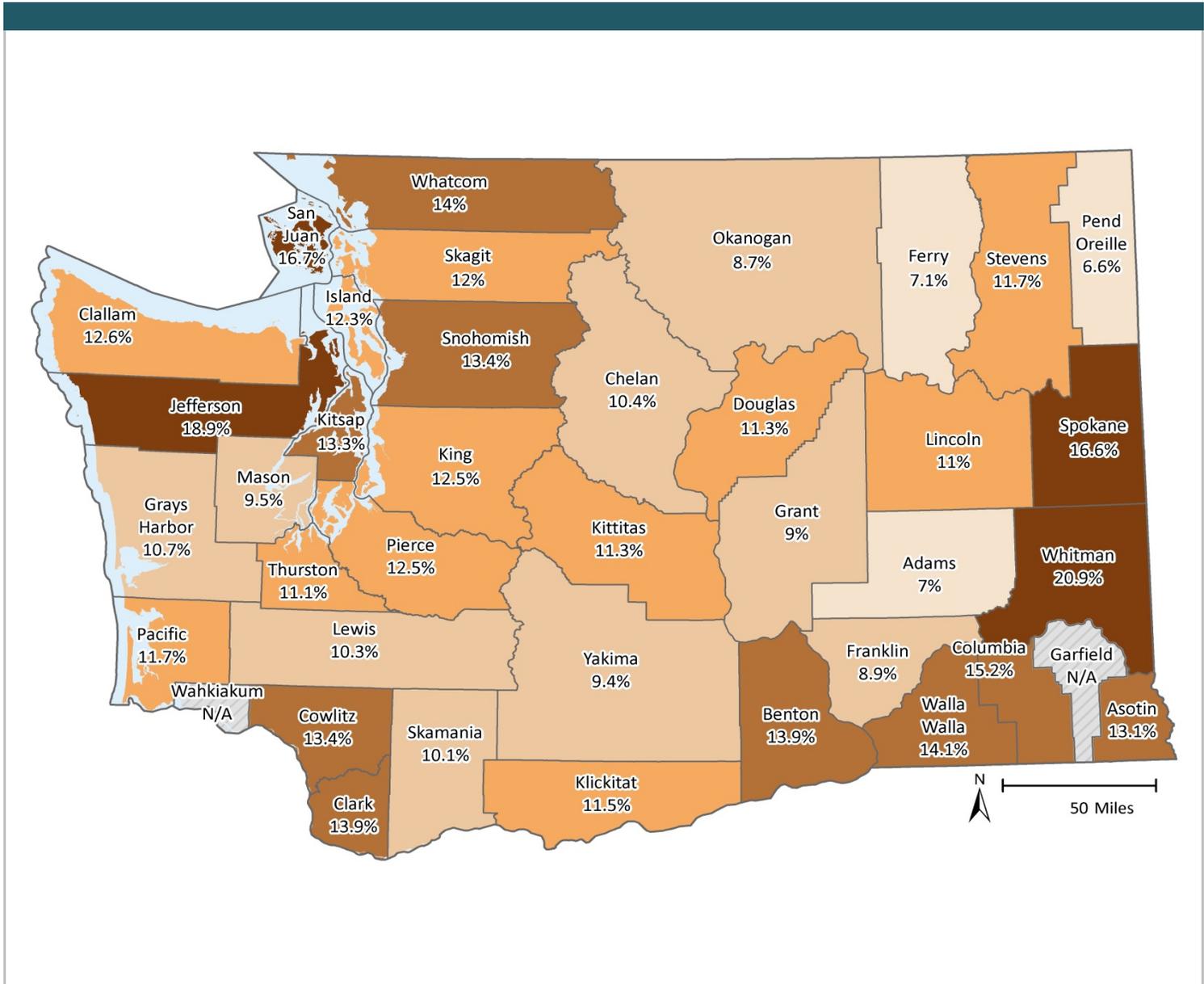
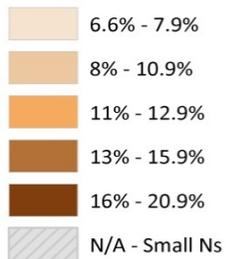
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

Percent of Medicaid-Disabled Youth and Adults with Psychotropic Polypharmacy



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.

Psychotropic Polypharmacy

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

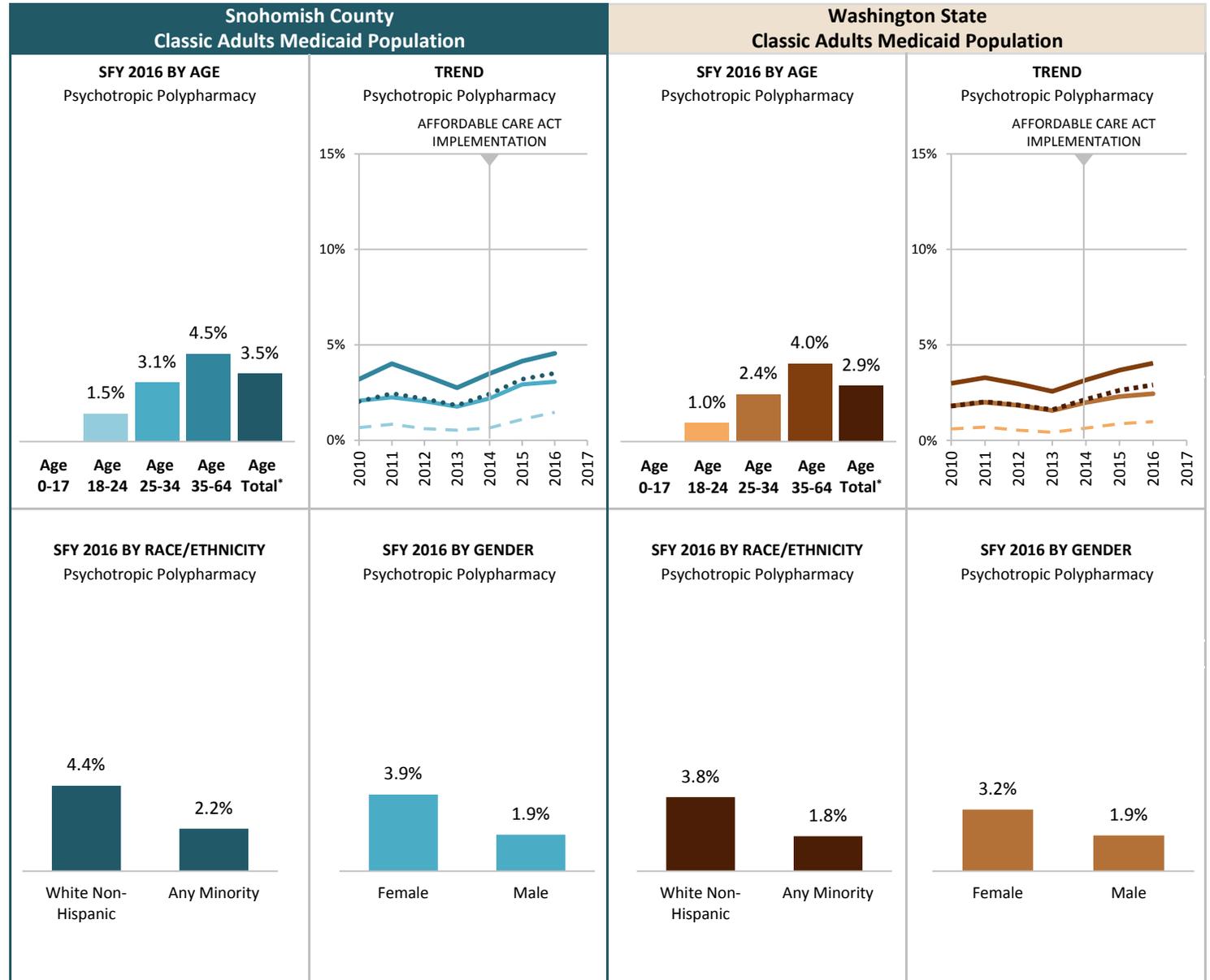
STATE:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Psychotropic Polypharmacy

	Snohomish County Classic Adults Medicaid Population								Washington State Classic Adults Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 18-24 w/psy. polypharm.	0.7%	0.8%	0.6%	0.5%	0.6%	1.1%	1.5%		0.6%	0.7%	0.5%	0.4%	0.6%	0.9%	1.0%	
Persons w/psy. polypharm.	29	36	24	19	21	29	34		318	371	268	198	268	302	290	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/psy. polypharm.	2.1%	2.3%	2.1%	1.8%	2.2%	2.9%	3.1%		1.8%	2.0%	1.8%	1.6%	2.0%	2.3%	2.4%	
Persons w/psy. polypharm.	143	169	154	130	172	238	239		1,431	1,691	1,558	1,328	1,777	2,096	2,130	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/psy. polypharm.	3.2%	4.0%	3.4%	2.7%	3.5%	4.1%	4.5%		3.0%	3.3%	3.0%	2.6%	3.2%	3.7%	4.0%	
Persons w/psy. polypharm.	155	217	193	154	251	338	368		1,610	1,917	1,774	1,551	2,436	3,181	3,451	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total† w/psy. polypharm.	2.0%	2.5%	2.2%	1.8%	2.4%	3.2%	3.5%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	327	422	371	303	444	605	641		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	3.2%	5.2%	3.7%	1.6%	2.7%	3.7%	5.0%		2.9%	3.1%	2.5%	2.3%	2.9%	3.4%	3.9%	
Persons w/psy. polypharm.	38	63	42	17	29	38	48		451	495	391	353	446	497	538	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/psy. polypharm.	1.3%	1.6%	1.1%		1.0%	1.3%	1.0%		0.9%	1.0%	0.9%	0.8%	1.0%	1.1%	1.2%	
Persons w/psy. polypharm.	11	16	12		13	19	14		77	96	93	83	128	153	162	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/psy. polypharm.	1.6%	2.0%	1.0%	0.9%	1.9%	2.1%	2.1%		1.1%	1.4%	1.2%	1.0%	1.4%	1.7%	1.9%	
Persons w/psy. polypharm.	18	26	13	12	28	33	31		223	314	275	229	334	391	399	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/psy. polypharm.		1.8%				1.7%	1.8%		0.8%	0.9%	1.0%	0.8%	1.0%	1.1%	1.1%	
Persons w/psy. polypharm.		11				15	15		53	66	75	62	95	112	102	
Total persons		492				601	613		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/psy. polypharm.	1.6%	1.7%	1.9%	1.1%	1.5%	2.1%	2.2%		1.0%	1.1%	1.1%	0.9%	1.1%	1.4%	1.6%	
Persons w/psy. polypharm.	24	29	35	21	32	49	52		272	326	341	283	417	549	579	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/psy. polypharm.	2.2%	2.6%	2.4%	2.3%	3.0%	4.0%	4.4%		2.2%	2.5%	2.3%	2.0%	2.8%	3.5%	3.8%	
Persons w/psy. polypharm.	242	300	273	248	347	475	502		2,420	2,836	2,570	2,194	3,241	4,088	4,282	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/psych polypharm.	1.8%	2.4%	1.8%	1.1%	1.6%	2.0%	2.2%		1.3%	1.5%	1.3%	1.1%	1.4%	1.6%	1.8%	
Persons w/psy. polypharm.	83	120	95	55	94	128	136		925	1,125	1,010	875	1,219	1,467	1,544	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/psy. polypharm.	2.3%	2.9%	2.4%	2.1%	2.9%	3.6%	3.9%		2.0%	2.3%	2.1%	1.8%	2.4%	2.9%	3.2%	
Persons w/psy. polypharm.	294	385	325	272	413	536	571		2,927	3,470	3,164	2,714	3,882	4,790	5,061	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/psy. polypharm.	1.0%	1.0%	1.3%	0.9%	0.8%	1.7%	1.9%		1.0%	1.1%	1.0%	0.8%	1.2%	1.7%	1.9%	
Persons w/psy. polypharm.	33	37	46	31	31	69	70		432	509	436	363	599	789	810	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Psychotropic Polypharmacy Use Rates Among Medicaid-Classic Adults, by County

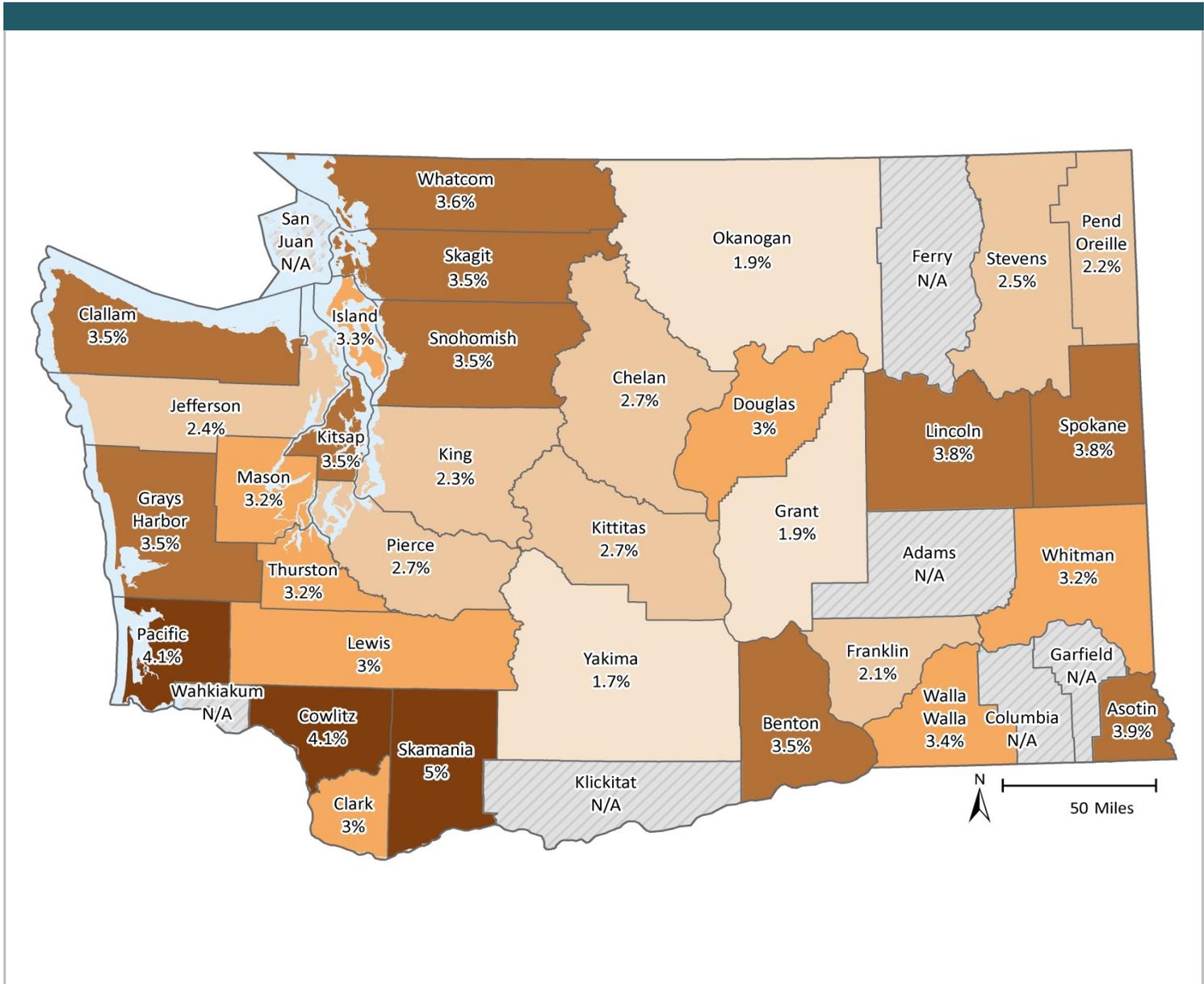
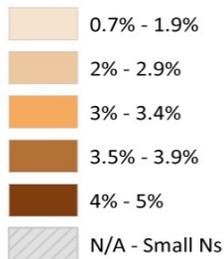
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

Percent of Medicaid-Classic Adults with Psychotropic Polypharmacy



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.

Psychotropic Polypharmacy

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

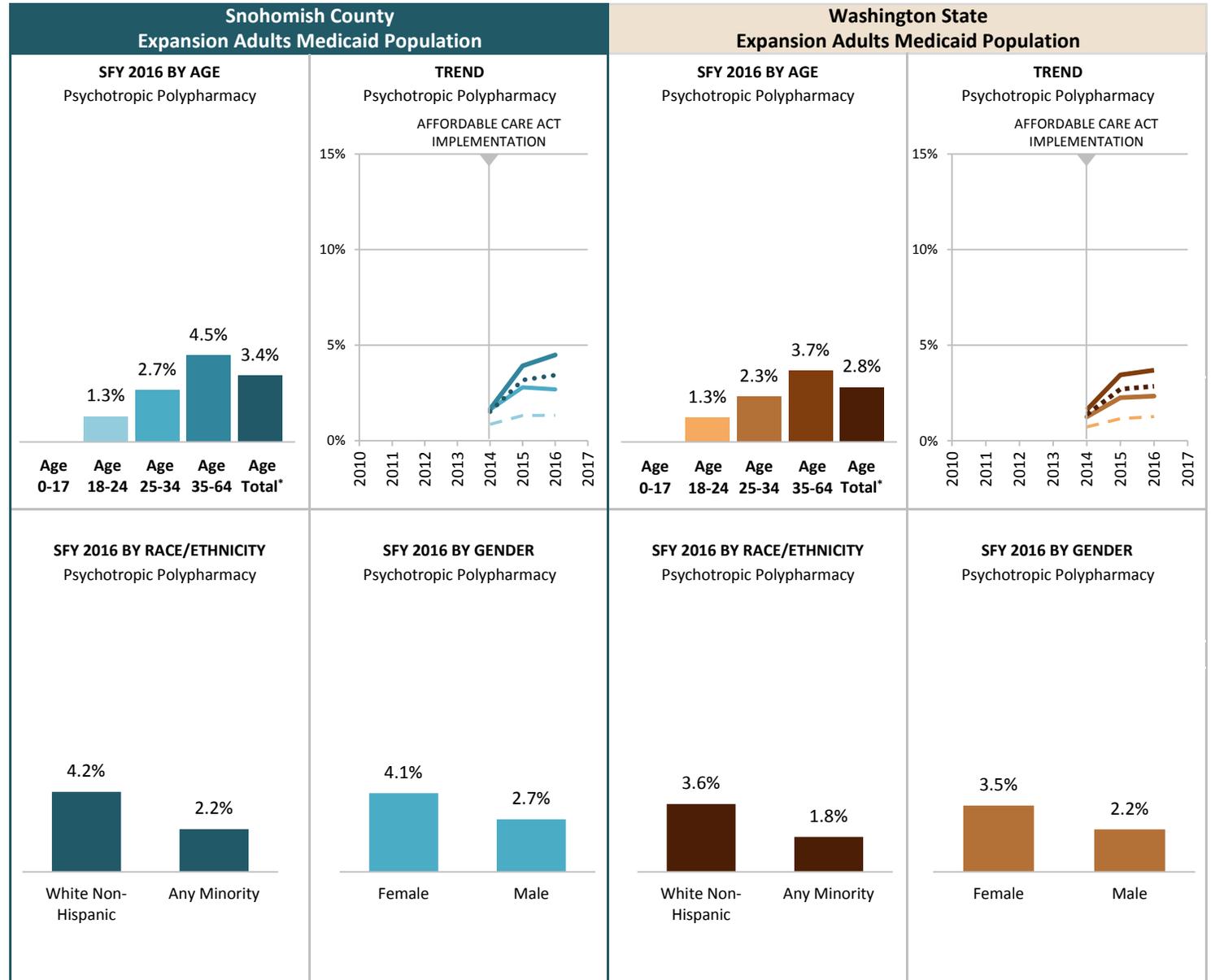
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Psychotropic Polypharmacy

STATE FISCAL YEAR	Snohomish County Expansion Adults Medicaid Population								Washington State Expansion Adults Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 18-24 w/psy. polypharm.					0.9%	1.3%	1.3%						0.7%	1.2%	1.3%	
Persons w/psy. polypharm.					41	114	133						429	1,190	1,511	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/psy. polypharm.					1.6%	2.8%	2.7%						1.3%	2.2%	2.3%	
Persons w/psy. polypharm.					145	440	487						1,283	3,989	4,780	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/psy. polypharm.					1.6%	3.9%	4.5%						1.6%	3.4%	3.7%	
Persons w/psy. polypharm.					301	1,167	1,462						3,210	10,908	12,721	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total† w/psy. polypharm.					1.5%	3.2%	3.4%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					487	1,721	2,082						4,922	16,087	19,012	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.					3.2%	4.8%	5.6%						2.5%	4.1%	4.1%	
Persons w/psy. polypharm.					35	109	162						424	1,255	1,456	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/psy. polypharm.						0.9%	1.2%						0.5%	1.1%	1.1%	
Persons w/psy. polypharm.						50	69						169	523	589	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/psy. polypharm.					0.9%	2.2%	2.4%						0.9%	1.9%	2.0%	
Persons w/psy. polypharm.					16	72	90						243	950	1,095	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/psy. polypharm.						1.4%	1.6%						0.7%	1.4%	1.3%	
Persons w/psy. polypharm.						28	35						77	279	313	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/psy. polypharm.					0.8%	1.7%	1.8%						0.6%	1.4%	1.5%	
Persons w/psy. polypharm.					24	90	109						308	1,154	1,483	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/psy. polypharm.					1.9%	3.9%	4.2%						1.7%	3.4%	3.6%	
Persons w/psy. polypharm.					401	1,374	1,631						3,793	12,139	14,330	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/psych polypharm.					0.8%	2.0%	2.2%						1%	2%	2%	
Persons w/psy. polypharm.					78	325	420						1,078	3,740	4,403	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/psy. polypharm.					1.7%	3.8%	4.1%						1.6%	3.3%	3.5%	
Persons w/psy. polypharm.					275	1,025	1,252						2,904	9,535	11,403	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/psy. polypharm.					1.4%	2.6%	2.7%						1.1%	2.1%	2.2%	
Persons w/psy. polypharm.					212	696	830						2,018	6,552	7,609	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Psychotropic Polypharmacy Use Rates Among Medicaid-Expansion Adults, by County

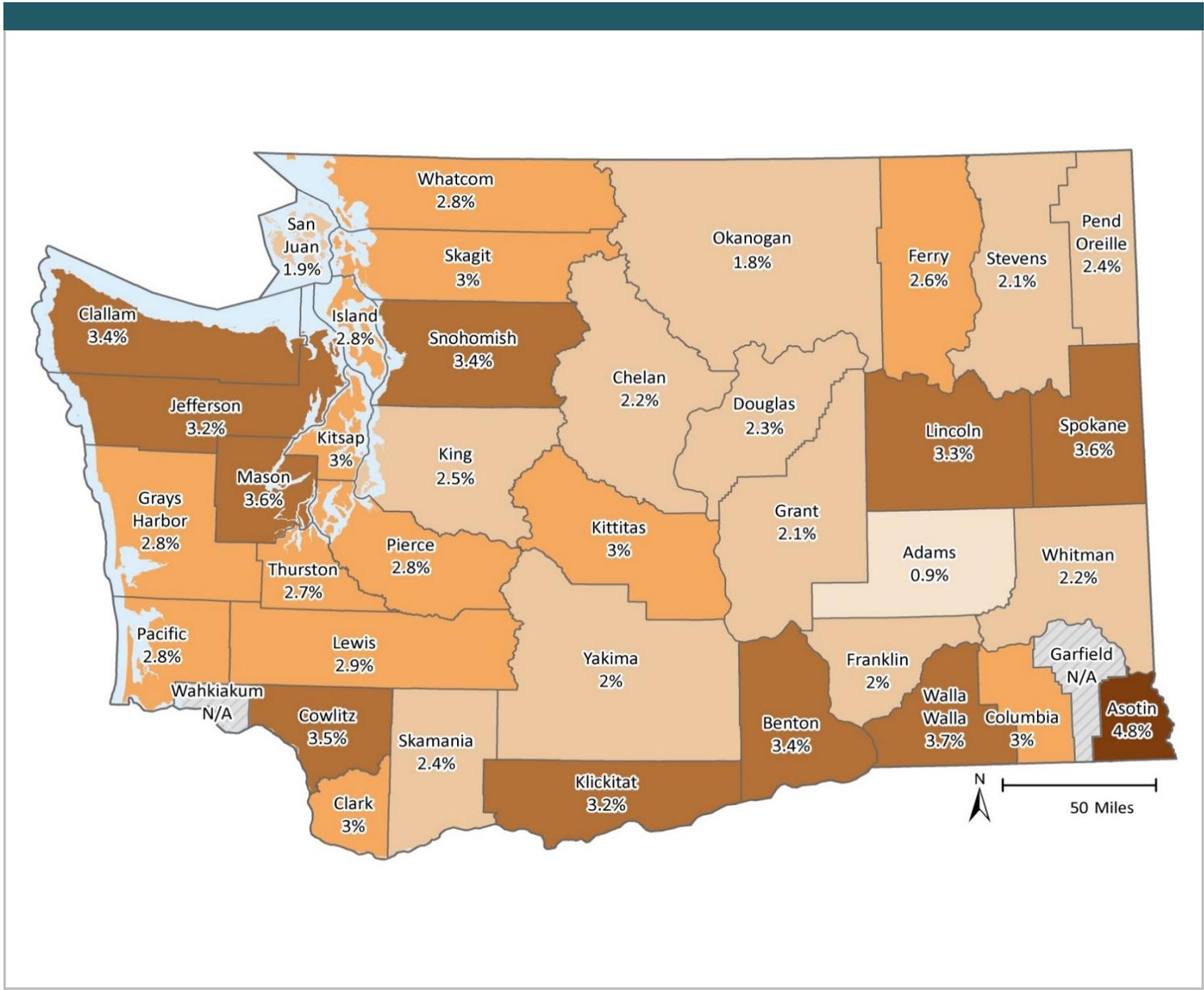
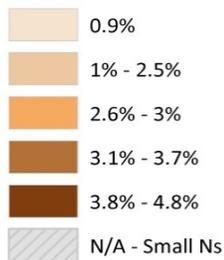
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

Percent of Medicaid-Expansion Adults with Psychotropic Polypharmacy



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.

Psychotropic Polypharmacy

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

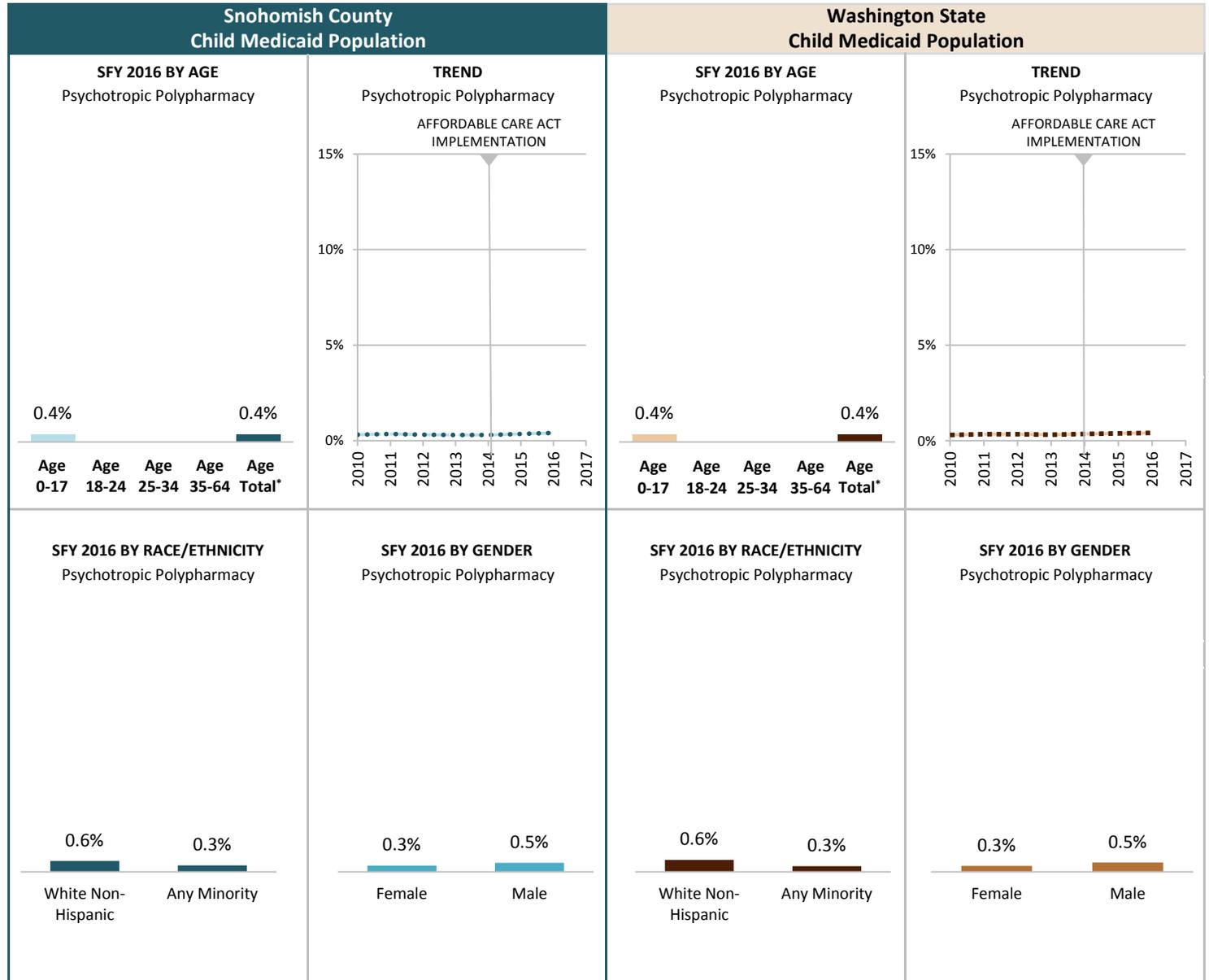
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Psychotropic Polypharmacy

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	171	210	190	183	196	238	284		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 25-34 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 35-64 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age Total† w/psy. polypharm.	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	171	210	190	183	196	238	284		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	1.0%	1.0%	0.9%	0.9%	0.7%	0.9%	1.0%		0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	
Persons w/psy. polypharm.	34	36	34	32	25	31	36		331	356	353	305	319	357	373	
Total persons	3,487	3,602	3,642	3,572	3,441	3,469	3,556		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/psy. polypharm.									0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	
Persons w/psy. polypharm.									55	65	56	56	58	75	80	
Total persons	3,780	4,124	4,267	4,342	4,809	5,040	5,120		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/psy. polypharm.	0.4%	0.5%	0.3%	0.5%	0.5%	0.5%	0.5%		0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	
Persons w/psy. polypharm.	16	25	16	24	27	27	31		248	291	280	273	303	325	351	
Total persons	4,410	4,713	4,883	5,090	5,469	5,726	6,074		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/psy. polypharm.									0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.									45	42	37	54	57	60	59	
Total persons	2,024	2,358	2,447	2,541	2,675	2,926	3,096		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/psy. polypharm.	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%		0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.	11	12	19	19	33	36	44		213	273	290	289	388	431	484	
Total persons	13,708	14,626	15,138	15,588	16,419	17,069	17,858		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/psy. polypharm.	0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%		0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	
Persons w/psy. polypharm.	108	139	127	111	115	154	177		1,118	1,372	1,391	1,299	1,545	1,697	1,937	
Total persons	26,558	28,037	28,283	27,875	29,574	30,434	31,221		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/psych polypharm.	0.2%	0.3%	0.2%	0.3%	0.3%	0.3%	0.3%		0%	0%	0%	0%	0%	0%	0%	
Persons w/psy. polypharm.	61	69	62	70	80	83	105		732	863	837	797	937	1,053	1,134	
Total persons	24,442	26,234	27,071	27,677	29,269	30,596	32,030		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/psy. polypharm.	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%		0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	
Persons w/psy. polypharm.	56	73	65	64	92	97	116		600	716	752	739	916	1,085	1,197	
Total persons	27,522	29,375	29,953	29,939	31,720	32,988	34,687		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/psy. polypharm.	0.4%	0.5%	0.4%	0.4%	0.3%	0.4%	0.5%		0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%	
Persons w/psy. polypharm.	115	137	125	119	104	141	168		1,257	1,532	1,481	1,363	1,576	1,690	1,897	
Total persons	28,001	30,018	30,521	30,603	32,399	33,747	35,591		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Psychotropic Polypharmacy Use Rates Among Medicaid-Children, by County

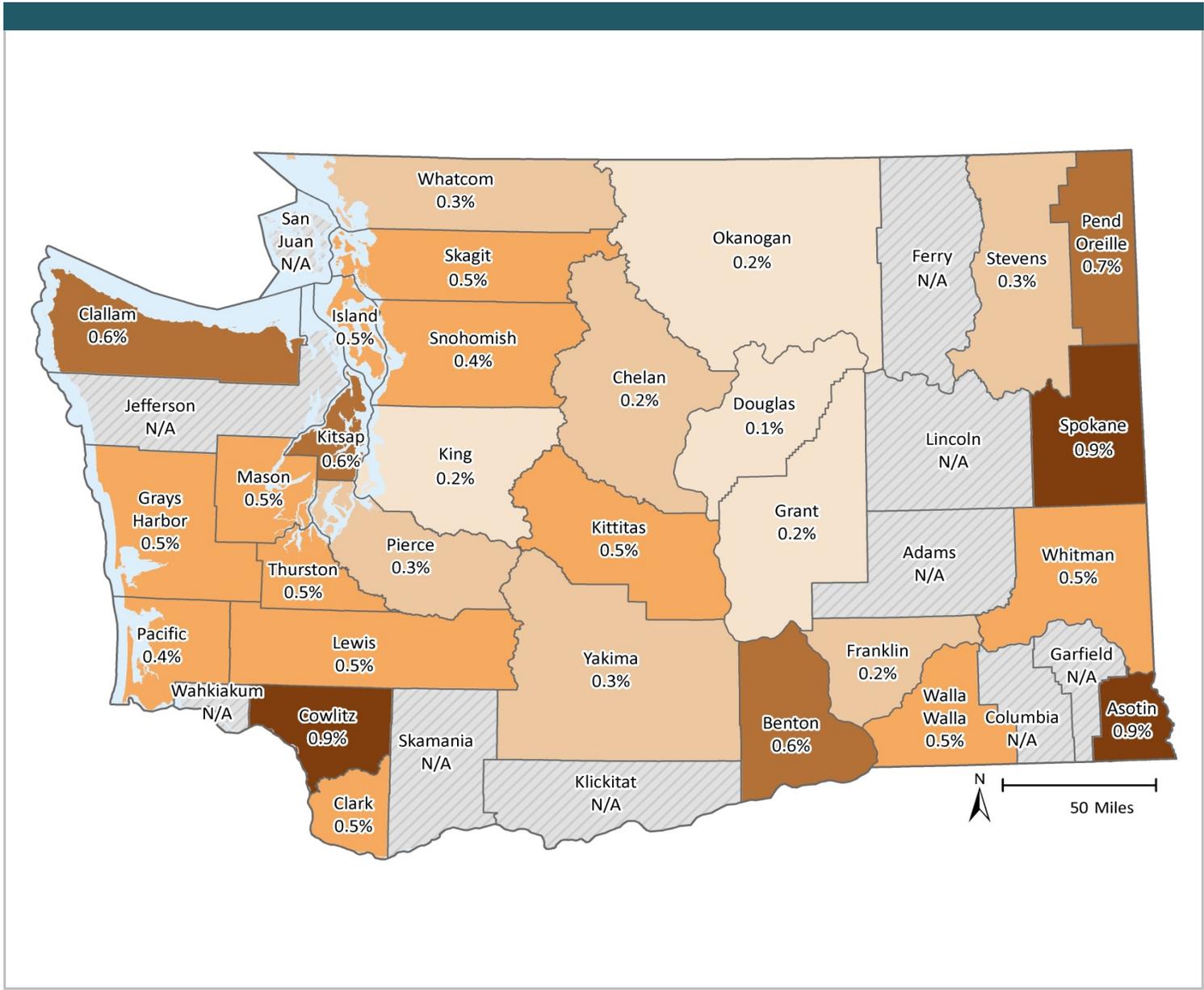
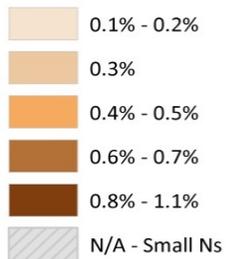
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

Percent of Medicaid-Children with Psychotropic Polypharmacy



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.

Emergency Department Use Rate per 1000 Coverage Months

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Emergency Department Use

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Med.-Disabled/ Rate per 1000	146	135	112	112	110	103	98		133	130	118	114	113	111	110	
SFY ED Use Count	16,008	15,494	13,089	13,704	13,416	9,380	8,972		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	10.998	11.447	11.659	12.232	12.212	9.133	9.158		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Med.-Classic Adults/ Rate per 1000	124	118	92	90	83	76	73		112	111	94	92	89	84	82	
SFY ED Use Count	15,408	16,150	12,524	11,990	12,895	14,102	13,079		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	12.475	13.732	13.642	13.297	15.485	18.527	17.918		149.10	158.95	157.58	155.57	180.00	212.12	202.81	
Med.-Expan. Adults/Rate per 1000					55	57	56						59	60	59	
SFY ED Use Count					8,702	28,342	32,203						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					15.837	49.810	57.700						182.153	552.945	642.446	
Med.-Children/Rate per 1000	37	38	33	34	33	35	31		42	41	35	36	36	40	36	
SFY ED Use Count	21,395	23,746	20,677	21,344	21,210	24,412	23,208		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	57.263	61.944	63.244	63.047	65.033	70.376	75.571		651.343	690.061	706.855	714.079	733.280	779.926	828.512	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

Use rate is defined as the number of Emergency Department (ED) visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

COUNTY:

- — — Age 0-17
- - - Age 18-24
- — — Age 25-34
- — — Age 35-64
- Age Total*

STATE:

- — — Age 0-17
- - - Age 18-24
- — — Age 25-34
- — — Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Emergency Department Use (Rate per 1000 Coverage Months)

STATE FISCAL YEAR	Snohomish County								Washington State							
	Disabled Medicaid Population								Disabled Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 0-17 /ED Use Rate per 1000	62	64	66	57	58	63	62		69	64	59	59	61	65	61	
SFY ED Use Count	823	864	920	839	868	916	988		12,975	12,654	11,937	12,448	12,842	13,792	13,133	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.332	1.349	1.395	1.464	1.487	1.458	1.599		18.937	19.637	20.371	21.190	21.161	21.084	21.389	
Age 18-24 /ED Use Rate per 1000	137	123	98	93	82	67	63		133	125	112	102	95	83	84	
SFY ED Use Count	1,674	1,530	1,194	1,078	917	632	577		17,422	16,659	14,744	13,722	12,427	9,194	9,104	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.225	1.244	1.223	1.155	1.119	0.944	0.917		13.065	13.380	13.201	13.450	13.029	11.013	10.789	
Age 25-34 /ED Use Rate per 1000	232	196	158	148	145	121	121		187	182	165	151	147	136	132	
SFY ED Use Count	3,878	3,444	2,750	2,790	2,748	1,615	1,636		33,324	33,492	31,193	30,200	29,728	21,095	20,527	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.675	1.755	1.737	1.879	1.900	1.333	1.347		17.775	18.453	18.925	19.958	20.184	15.541	15.567	
Age 35-64/ED Use Rate per 1000	142	136	113	116	115	115	109		136	135	122	120	120	123	125	
SFY ED Use Count	9,633	9,656	8,225	8,997	8,883	6,217	5,771		109,901	111,873	104,948	107,989	108,603	84,219	83,771	
SFY Medicaid Mo. Cnt. (10 Thsds)	6.767	7.099	7.304	7.734	7.707	5.398	5.294		80.579	83.100	85.964	89.946	90.555	68.348	67.022	
Age Total† /ED Use Rate per 1000	146	135	112	112	110	103	98		133	130	118	114	113	111	110	
SFY ED Use Count	16,008	15,494	13,089	13,704	13,416	9,380	8,972		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	10.998	11.447	11.659	12.232	12.212	9.133	9.158		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	214	197	171	153	165	157	136		183	181	165	157	160	159	156	
SFY ED Use Count	2,008	1,863	1,663	1,472	1,567	1,107	943		24,821	25,287	23,631	23,447	23,640	18,883	18,082	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.938	0.943	0.971	0.960	0.950	0.704	0.695		13.572	13.970	14.306	14.956	14.732	11.907	11.556	
Asian /ED Use Rate per 1000	64	69	63	78	79	60	50		68	67	63	68	68	67	64	
SFY ED Use Count	374	433	389	501	524	299	265		4,452	4,514	4,192	4,730	4,820	3,857	3,640	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.584	0.624	0.618	0.641	0.664	0.500	0.526		6.545	6.727	6.704	6.987	7.045	5.749	5.669	
Black /ED Use Rate per 1000	162	144	133	127	118	112	115		147	142	132	130	128	126	123	
SFY ED Use Count	1,290	1,189	1,184	1,239	1,175	862	945		24,717	25,092	24,462	25,470	25,469	20,347	20,037	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.796	0.828	0.889	0.976	0.993	0.770	0.821		16.788	17.638	18.591	19.653	19.892	16.202	16.247	
Hawaiian/PI /ED Use Rate per 1000	86	86	68	61	101	60	71		111	104	95	98	105	97	96	
SFY ED Use Count	178	218	167	160	290	120	160		3,063	3,127	2,933	3,294	3,715	2,847	2,843	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.207	0.253	0.246	0.261	0.286	0.200	0.226		2.750	2.999	3.086	3.356	3.529	2.925	2.955	
Hispanic /ED Use Rate per 1000	158	124	124	104	107	96	99		126	120	106	101	103	102	101	
SFY ED Use Count	995	875	963	918	1,001	753	846		15,803	16,322	15,347	15,708	16,342	13,989	13,998	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.628	0.705	0.774	0.882	0.939	0.788	0.855		12.563	13.557	14.478	15.532	15.863	13.724	13.858	
White Only /ED Use Rate per 1000	144	136	109	112	108	104	99		131	129	116	112	110	108	108	
SFY ED Use Count	11,511	11,236	9,074	9,737	9,305	6,577	6,123		107,286	107,648	98,997	98,865	97,337	74,448	73,664	
SFY Medicaid Mo. Cnt. (10 Thsds)	7.989	8.248	8.292	8.662	8.581	6.326	6.216		81.700	83.497	85.150	88.160	88.215	69.086	68.022	
Any Minority /ED Use Rate per 1000	154	138	124	115	117	104	101		139	134	122	118	119	117	115	
SFY ED Use Count	4,424	4,173	3,928	3,871	4,013	2,737	2,788		65,496	66,206	62,848	64,390	65,209	52,950	51,778	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.872	3.025	3.168	3.356	3.426	2.634	2.763		47.224	49.415	51.498	54.391	54.694	45.106	44.831	
Population by Gender																
Females /ED Use Rate per 1000	166	153	126	123	124	114	112		149	146	131	126	125	126	126	
SFY ED Use Count	9,143	8,845	7,349	7,369	7,296	5,079	4,962		96,882	97,499	88,974	88,362	87,304	70,840	68,935	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.501	5.781	5.833	6.015	5.882	4.447	4.436		64.918	66.673	67.889	70.030	69.575	56.077	54.925	
Males /ED Use Rate per 1000	125	117	99	102	97	92	85		117	114	105	102	101	96	96	
SFY ED Use Count	6,865	6,649	5,740	6,335	6,120	4,301	4,010		76,740	77,179	73,848	75,997	76,296	57,460	57,600	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.498	5.666	5.827	6.216	6.331	4.687	4.722		65.437	67.897	70.571	74.513	75.354	59.910	59.843	

Emergency Department Use (Rate per 1,000 Coverage Months) Among Medicaid-Disabled Youth and Adults, by County

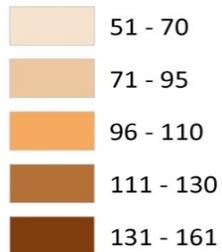
MARCH 2017

SFY 2016

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

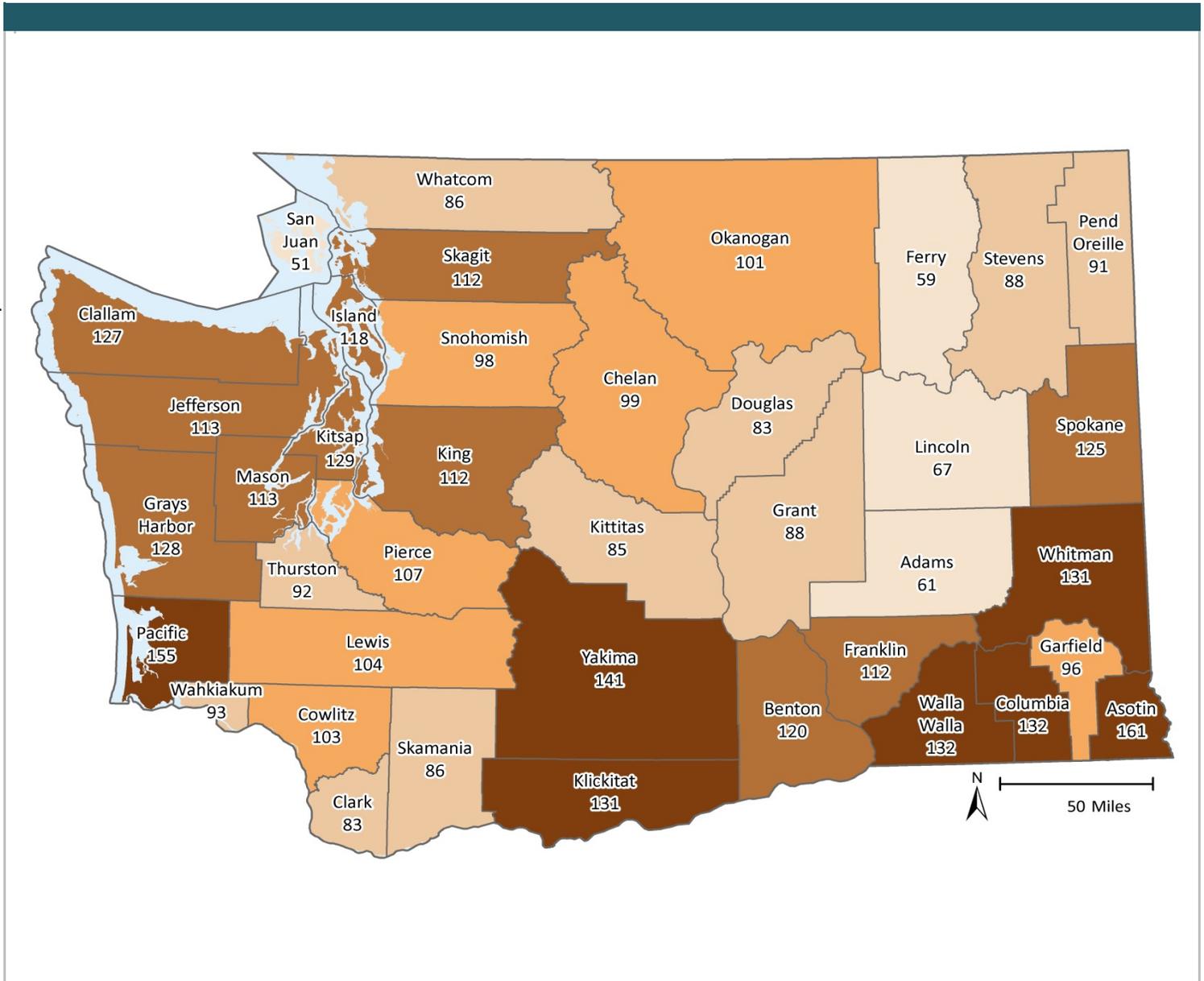
Rate of ED Use per 1000 coverage months for Medicaid-Disabled Youth and Adults



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

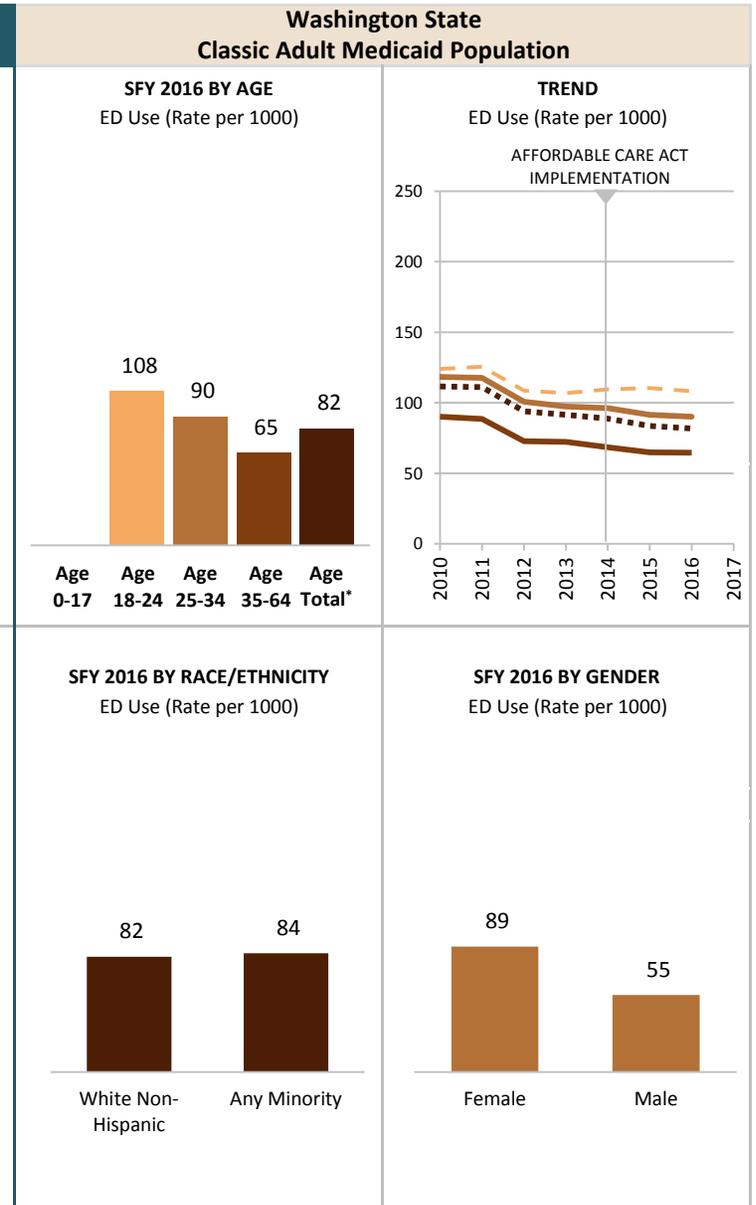
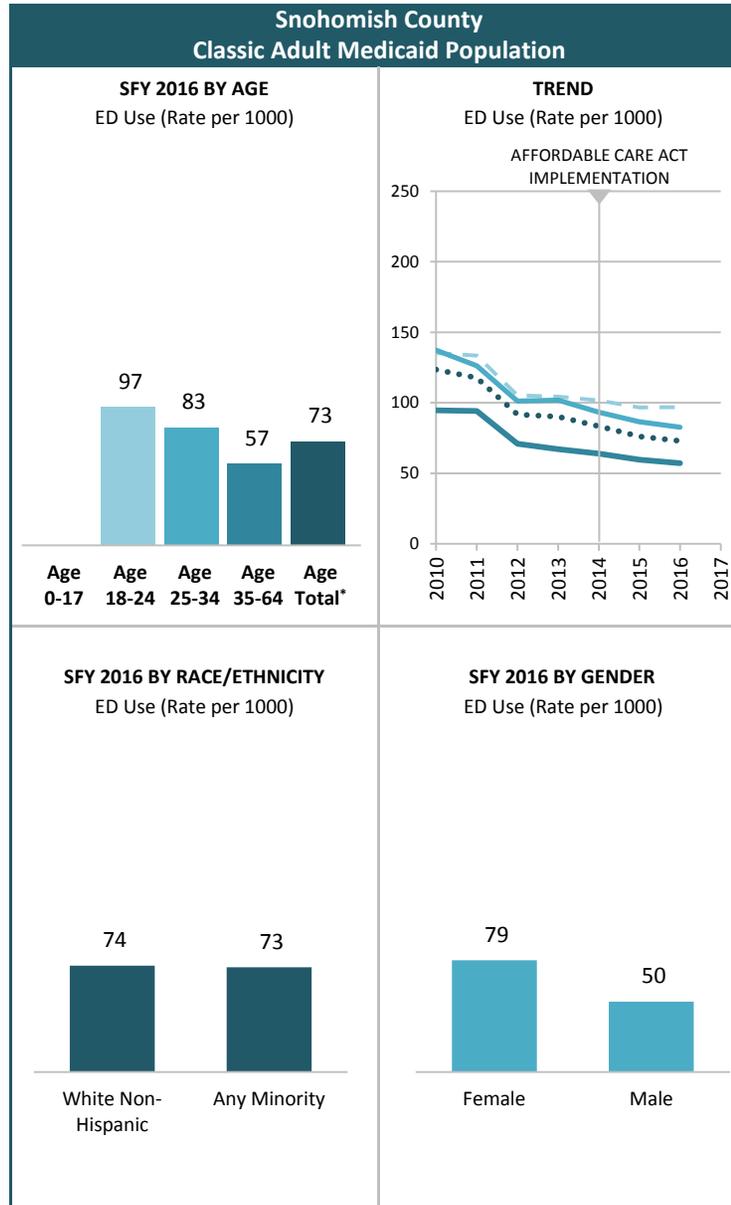
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Emergency Department Use (Rate per 1000 Coverage Months)

	Snohomish County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 18-24 /ED Use Rate per 1000	135	133	105	104	102	97	97	124	126	109	107	110	110	108		
SFY ED Use Count	4,547	4,491	3,274	2,936	2,779	2,482	2,162	53,310	54,426	44,192	40,203	39,862	37,483	31,868		
SFY Medicaid Mo. Cnt. (10 Thsds)	3.361	3.365	3.113	2.813	2.731	2.568	2.230	43.018	43.340	40.649	37.636	36.365	33.922	29.474		
Age 25-34 /ED Use Rate per 1000	137	126	101	102	93	87	83	118	118	101	97	96	92	90		
SFY ED Use Count	7,195	7,463	5,937	5,928	6,219	6,761	6,264	73,885	79,814	68,104	65,952	74,519	82,712	78,140		
SFY Medicaid Mo. Cnt. (10 Thsds)	5.241	5.912	5.868	5.821	6.666	7.806	7.565	62.472	67.822	67.654	67.713	77.421	90.340	86.684		
Age 35-64/ED Use Rate per 1000	95	94	71	67	64	60	57	90	89	73	72	69	65	65		
SFY ED Use Count	3,666	4,196	3,313	3,126	3,897	4,859	4,653	39,316	42,325	35,863	36,281	45,412	56,975	55,926		
SFY Medicaid Mo. Cnt. (10 Thsds)	3.873	4.455	4.662	4.663	6.089	8.153	8.123	43.611	47.789	49.275	50.219	66.215	87.856	86.656		
Age Total† /ED Use Rate per 1000	124	118	92	90	83	76	73	112	111	94	92	89	84	82		
SFY ED Use Count	15,408	16,150	12,524	11,990	12,895	14,102	13,079	166,511	176,565	148,159	142,436	159,793	177,170	165,934		
SFY Medicaid Mo. Cnt. (10 Thsds)	12.475	13.732	13.642	13.297	15.485	18.527	17.918	149.101	158.951	157.578	155.569	180.001	212.118	202.815		
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	197	190	149	118	116	124	118	165	165	136	127	125	124	122		
SFY ED Use Count	1,993	1,927	1,370	1,044	1,075	1,273	1,193	22,079	22,734	18,331	16,777	17,671	18,813	17,927		
SFY Medicaid Mo. Cnt. (10 Thsds)	1.010	1.014	0.922	0.881	0.929	1.029	1.011	13.414	13.767	13.515	13.187	14.121	15.222	14.640		
Asian /ED Use Rate per 1000	74	64	49	59	51	43	41	66	62	54	56	53	47	49		
SFY ED Use Count	451	490	397	457	516	595	539	4,515	4,756	4,415	4,588	5,585	6,362	6,227		
SFY Medicaid Mo. Cnt. (10 Thsds)	0.610	0.771	0.811	0.777	1.013	1.374	1.325	6.860	7.714	8.167	8.189	10.483	13.478	12.825		
Black /ED Use Rate per 1000	132	115	98	103	98	90	83	116	117	104	103	102	101	97		
SFY ED Use Count	1,208	1,179	1,027	1,150	1,278	1,337	1,215	19,934	21,923	19,655	19,490	21,685	23,260	21,134		
SFY Medicaid Mo. Cnt. (10 Thsds)	0.915	1.025	1.051	1.113	1.299	1.480	1.461	17.191	18.684	18.867	18.937	21.172	23.026	21.765		
Hawaiian/PI /ED Use Rate per 1000	90	87	70	67	65	61	58	83	82	74	73	74	70	72		
SFY ED Use Count	326	399	334	315	388	499	437	4,137	4,590	4,404	4,550	5,689	6,726	6,559		
SFY Medicaid Mo. Cnt. (10 Thsds)	0.361	0.460	0.478	0.472	0.594	0.823	0.758	4.988	5.567	5.955	6.259	7.657	9.596	9.168		
Hispanic /ED Use Rate per 1000	102	102	86	85	77	70	76	104	102	88	88	87	82	81		
SFY ED Use Count	1,190	1,333	1,232	1,228	1,383	1,596	1,669	22,967	24,388	21,702	21,643	26,514	31,656	29,555		
SFY Medicaid Mo. Cnt. (10 Thsds)	1.167	1.313	1.430	1.450	1.795	2.293	2.208	22.024	24.021	24.692	24.641	30.556	38.680	36.393		
White Only /ED Use Rate per 1000	126	121	94	92	85	78	74	114	114	95	92	89	84	82		
SFY ED Use Count	10,744	11,199	8,557	8,176	8,664	9,258	8,522	99,871	105,336	86,413	82,027	90,588	98,566	92,103		
SFY Medicaid Mo. Cnt. (10 Thsds)	8.499	9.288	9.131	8.870	10.155	11.855	11.447	87.403	92.363	90.486	88.935	101.355	117.547	112.552		
Any Minority /ED Use Rate per 1000	126	118	92	89	82	75	73	112	111	95	93	90	85	84		
SFY ED Use Count	4,464	4,727	3,800	3,632	4,057	4,665	4,351	64,720	69,112	59,962	58,657	67,429	76,264	71,284		
SFY Medicaid Mo. Cnt. (10 Thsds)	3.557	4.010	4.109	4.067	4.936	6.197	5.945	57.623	62.111	63.150	62.938	74.584	89.324	84.561		
Population by Gender																
Females /ED Use Rate per 1000	129	125	100	97	91	83	79	119	120	102	99	97	91	89		
SFY ED Use Count	13,000	13,650	10,761	10,293	11,158	12,157	11,312	139,817	148,695	125,599	120,942	136,007	151,563	142,581		
SFY Medicaid Mo. Cnt. (10 Thsds)	10.050	10.950	10.808	10.627	12.305	14.682	14.363	117.537	124.062	122.833	121.806	140.360	166.156	160.103		
Males /ED Use Rate per 1000	99	90	62	64	55	51	50	85	80	65	64	60	56	55		
SFY ED Use Count	2,408	2,500	1,763	1,697	1,737	1,945	1,767	26,694	27,870	22,560	21,494	23,786	25,607	23,353		
SFY Medicaid Mo. Cnt. (10 Thsds)	2.425	2.783	2.835	2.670	3.180	3.845	3.555	31.565	34.890	34.745	33.763	39.641	45.962	42.712		

Emergency Department Use (Rate per 1,000 Coverage Months) Among Medicaid-Classic Adults, by County

MARCH 2017

SFY 2016

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

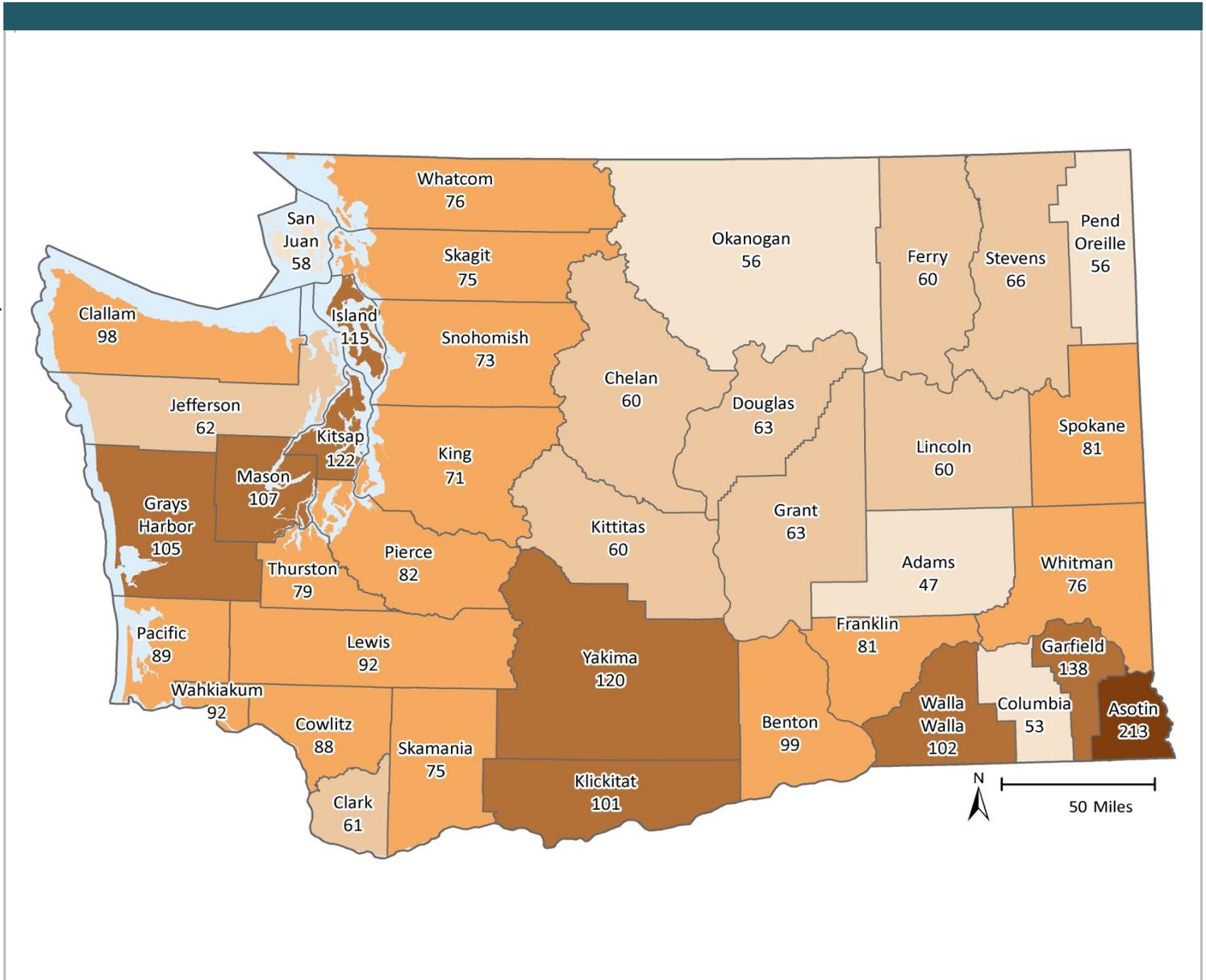
Rate of ED Use per 1000 coverage months for Medicaid-Classic Adults



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

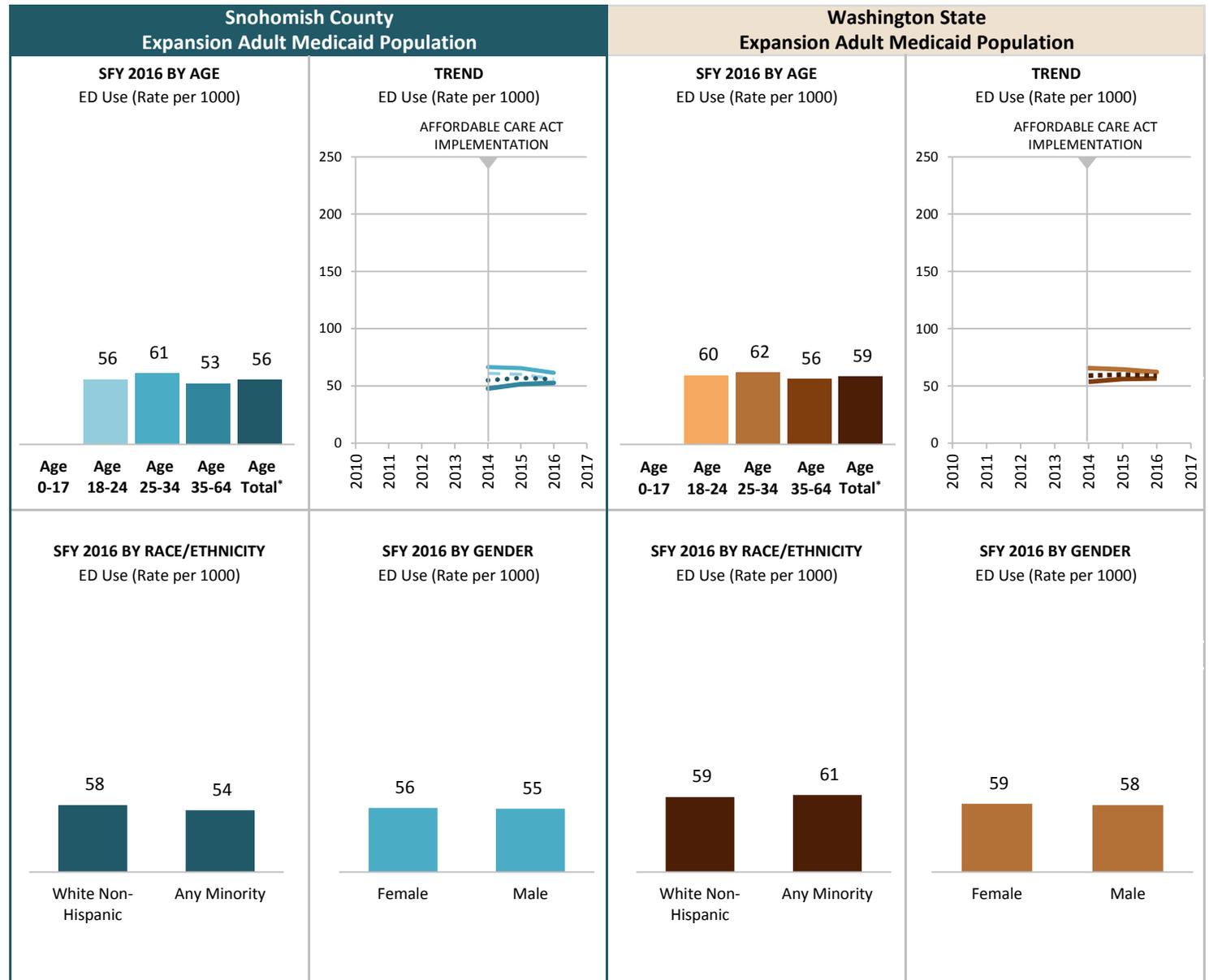
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Emergency Department Use (Rate per 1000 Coverage Months)

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 18-24 /ED Use Rate per 1000					61	60	56						66	64	60	
SFY ED Use Count					1,501	4,789	5,437						20,550	61,366	69,749	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.459	7.951	9.712						31.266	96.569	117.129	
Age 25-34 /ED Use Rate per 1000					66	66	61						66	64	62	
SFY ED Use Count					2,892	9,289	10,343						33,192	103,327	118,967	
SFY Medicaid Mo. Cnt. (10 Thsds)					4.356	14.154	16.827						50.565	160.272	191.668	
Age 35-64/ED Use Rate per 1000					48	51	53						54	56	56	
SFY ED Use Count					4,309	14,264	16,423						53,779	165,906	188,193	
SFY Medicaid Mo. Cnt. (10 Thsds)					9.022	27.705	31.161						100.322	296.104	333.649	
Age Total† /ED Use Rate per 1000					55	57	56						59	60	59	
SFY ED Use Count					8,702	28,342	32,203						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					15.837	49.810	57.700						182.153	552.945	642.446	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000					137	111	102						120	111	105	
SFY ED Use Count					740	2,326	2,811						10,352	32,134	37,051	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.540	2.089	2.764						8.651	29.005	35.387	
Asian /ED Use Rate per 1000					21	22	24						24	26	27	
SFY ED Use Count					405	1,127	1,327						4,054	11,623	13,321	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.938	5.131	5.545						16.913	45.279	49.274	
Black /ED Use Rate per 1000					81	74	78						84	82	80	
SFY ED Use Count					733	2,197	2,752						11,976	38,067	43,822	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.907	2.984	3.527						14.280	46.235	54.737	
Hawaiian/PI /ED Use Rate per 1000					36	40	39						50	50	50	
SFY ED Use Count					187	705	763						2,798	9,035	10,768	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.524	1.748	1.970						5.554	18.244	21.642	
Hispanic /ED Use Rate per 1000					50	53	53						53	56	57	
SFY ED Use Count					731	2,525	3,018						14,018	44,778	52,730	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.469	4.783	5.725						26.607	79.715	92.796	
White Only /ED Use Rate per 1000					59	61	58						61	61	59	
SFY ED Use Count					6,052	19,883	22,053						66,991	203,276	229,016	
SFY Medicaid Mo. Cnt. (10 Thsds)					10.301	32.705	37.709						109.696	333.649	387.527	
Any Minority /ED Use Rate per 1000					51	52	54						59	61	61	
SFY ED Use Count					2,499	7,916	9,515						38,837	121,375	140,334	
SFY Medicaid Mo. Cnt. (10 Thsds)					4.910	15.138	17.652						66.078	199.095	230.384	
Population by Gender																
Females /ED Use Rate per 1000					51	57	56						56	59	59	
SFY ED Use Count					4,110	14,528	16,393						51,163	162,681	187,907	
SFY Medicaid Mo. Cnt. (10 Thsds)					8.093	25.410	29.202						90.984	274.642	317.371	
Males /ED Use Rate per 1000					59	57	55						62	60	58	
SFY ED Use Count					4,592	13,814	15,810						56,358	167,918	189,002	
SFY Medicaid Mo. Cnt. (10 Thsds)					7.743	24.400	28.498						91.168	278.302	325.075	

Emergency Department Use (Rate per 1,000 Coverage Months) Among Medicaid-Expansion Adults, by County

MARCH 2017

SFY 2016

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

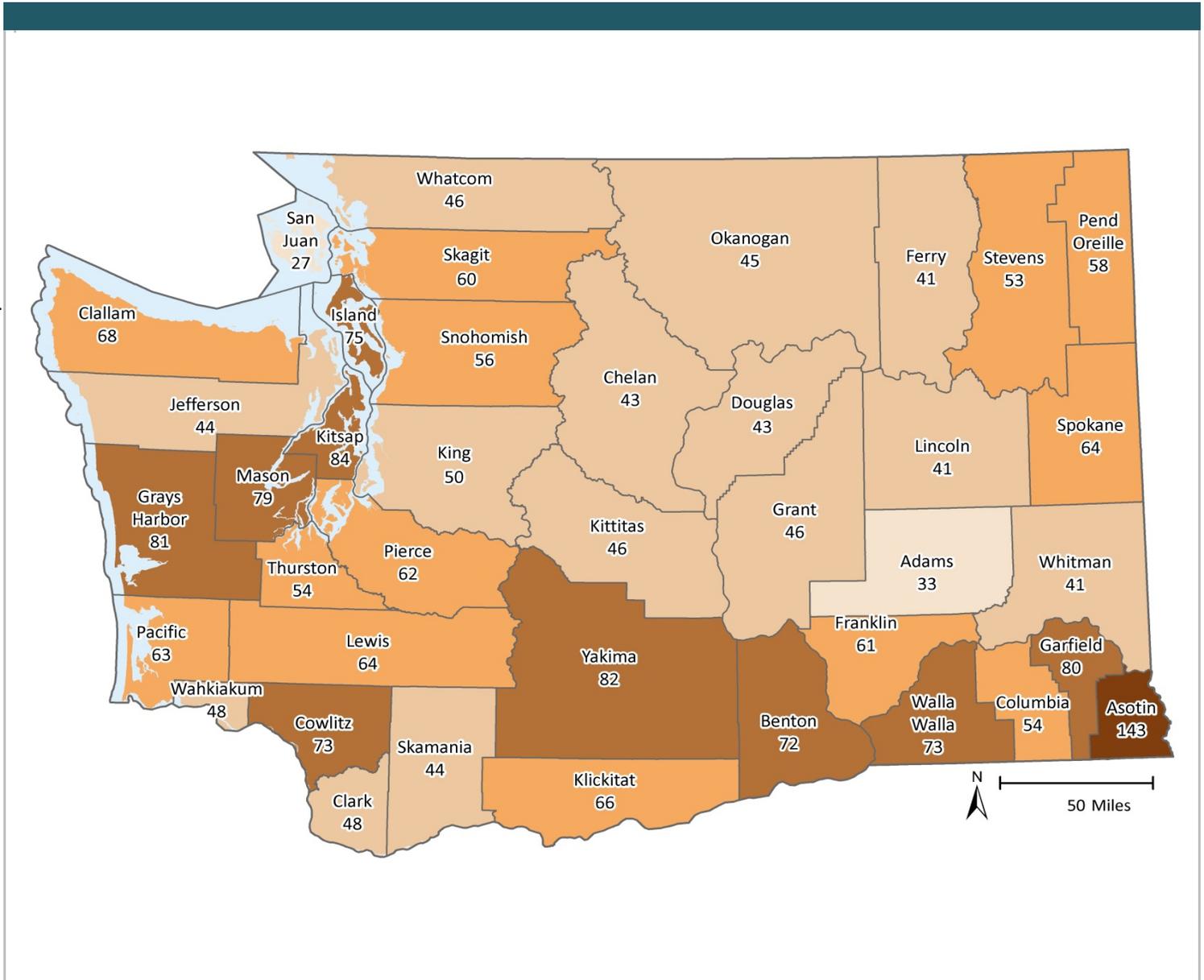
Rate of ED Use per 1000 coverage months for Medicaid-Expansion Adults



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

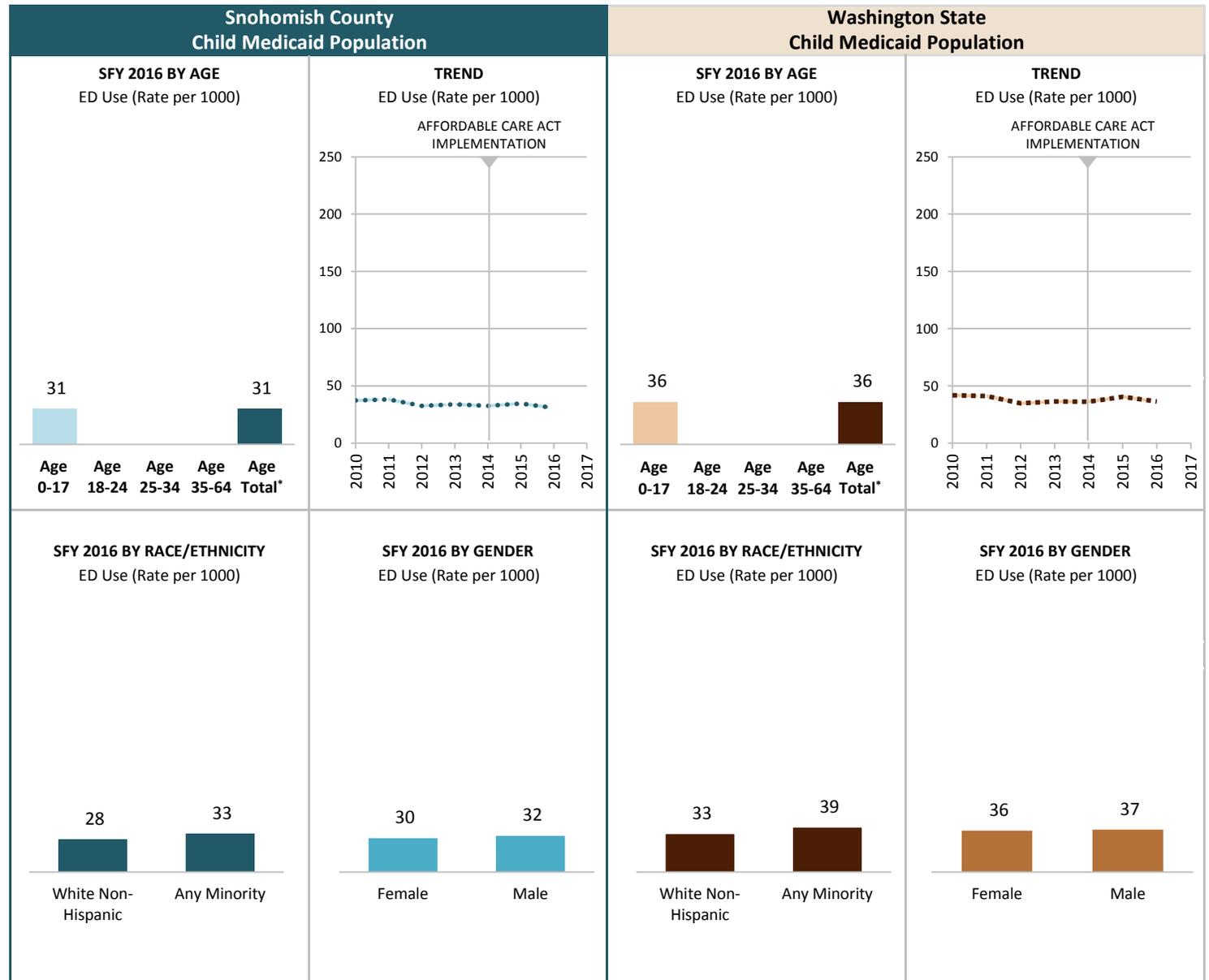
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Emergency Department Use (Rate per 1000 Coverage Months)

	Snohomish County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000	37	38	33	34	33	35	31		42	41	35	36	36	40	36	
SFY ED Use Count	21,395	23,746	20,677	21,344	21,210	24,412	23,208		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	57.263	61.944	63.244	63.047	65.033	70.376	75.571		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
Age 18-24 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 25-34 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 35-64/ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age Total† /ED Use Rate per 1000	37	38	33	34	33	35	31		42	41	35	36	36	40	36	
SFY ED Use Count	21,395	23,746	20,677	21,344	21,210	24,412	23,208		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	57.263	61.944	63.244	63.047	65.033	70.376	75.571		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	53	51	45	44	42	43	37		55	53	47	48	47	51	45	
SFY ED Use Count	1,943	1,929	1,735	1,632	1,476	1,581	1,445		23,882	23,553	20,808	21,058	20,321	22,252	20,488	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.651	3.776	3.836	3.694	3.509	3.637	3.875		43.359	44.329	44.432	44.298	43.361	44.035	45.324	
Asian /ED Use Rate per 1000	26	27	24	26	24	24	21		24	24	22	23	23	26	23	
SFY ED Use Count	1,010	1,142	1,080	1,157	1,156	1,288	1,169		9,141	9,758	9,216	10,078	10,676	12,502	11,351	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.861	4.259	4.468	4.532	4.850	5.372	5.519		37.644	40.438	42.103	43.046	45.593	48.798	50.102	
Black /ED Use Rate per 1000	44	46	41	43	41	44	40		44	45	41	42	42	48	42	
SFY ED Use Count	2,061	2,301	2,125	2,293	2,338	2,674	2,613		30,340	32,237	29,994	31,888	32,276	37,684	34,629	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.634	4.955	5.184	5.379	5.644	6.058	6.578		68.256	71.559	73.599	75.120	76.416	79.215	82.682	
Hawaiian/PI /ED Use Rate per 1000	31	35	32	34	31	35	29		38	39	35	37	37	40	35	
SFY ED Use Count	653	848	826	880	838	1,056	945		9,394	10,613	10,095	11,170	11,597	13,556	12,804	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.097	2.404	2.563	2.622	2.693	3.022	3.276		24.736	27.264	29.251	30.458	31.623	34.004	36.909	
Hispanic /ED Use Rate per 1000	44	46	36	38	37	39	35		50	48	37	40	40	46	41	
SFY ED Use Count	6,434	7,179	5,913	6,316	6,317	7,307	7,011		101,976	103,169	83,227	89,981	91,993	110,792	103,864	
SFY Medicaid Mo. Cnt. (10 Thsds)	14.609	15.772	16.364	16.791	17.276	18.535	19.786		204.069	215.795	222.440	226.878	231.589	243.291	255.104	
White Only /ED Use Rate per 1000	34	35	31	31	31	32	28		37	37	33	34	33	36	33	
SFY ED Use Count	9,326	10,245	9,034	9,051	9,059	10,237	9,503		100,941	106,304	94,823	97,153	99,593	115,320	110,411	
SFY Medicaid Mo. Cnt. (10 Thsds)	27.417	29.295	29.474	28.908	29.692	31.883	33.526		273.089	286.326	290.593	289.951	297.587	316.154	331.518	
Any Minority /ED Use Rate per 1000	41	43	35	37	35	38	33		46	45	37	39	39	44	39	
SFY ED Use Count	10,677	11,846	10,226	10,741	10,665	12,318	11,631		156,665	160,107	135,882	146,020	148,434	176,403	164,441	
SFY Medicaid Mo. Cnt. (10 Thsds)	25.740	27.791	28.877	29.352	30.312	32.779	34.981		339.312	358.217	368.889	375.759	384.207	403.690	422.961	
Population by Gender																
Females /ED Use Rate per 1000	36	39	32	33	32	34	30		41	40	34	36	36	40	36	
SFY ED Use Count	10,354	11,840	10,180	10,312	10,319	11,954	11,087		131,808	137,701	118,857	126,022	128,856	153,642	146,708	
SFY Medicaid Mo. Cnt. (10 Thsds)	28.372	30.632	31.379	31.168	32.161	34.830	37.323		321.978	340.726	348.813	352.004	361.357	384.346	408.192	
Males /ED Use Rate per 1000	38	38	33	35	33	35	32		43	42	35	37	37	41	37	
SFY ED Use Count	11,041	11,906	10,497	11,032	10,891	12,458	12,121		140,586	146,046	126,946	134,345	136,881	161,937	154,962	
SFY Medicaid Mo. Cnt. (10 Thsds)	28.891	31.313	31.865	31.879	32.872	35.545	38.248		329.366	349.335	358.043	362.075	371.923	395.580	420.320	

Emergency Department Use (Rate per 1,000 Coverage Months) Among Medicaid-Children, by County

MARCH 2017

SFY 2016

INDICATOR

Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

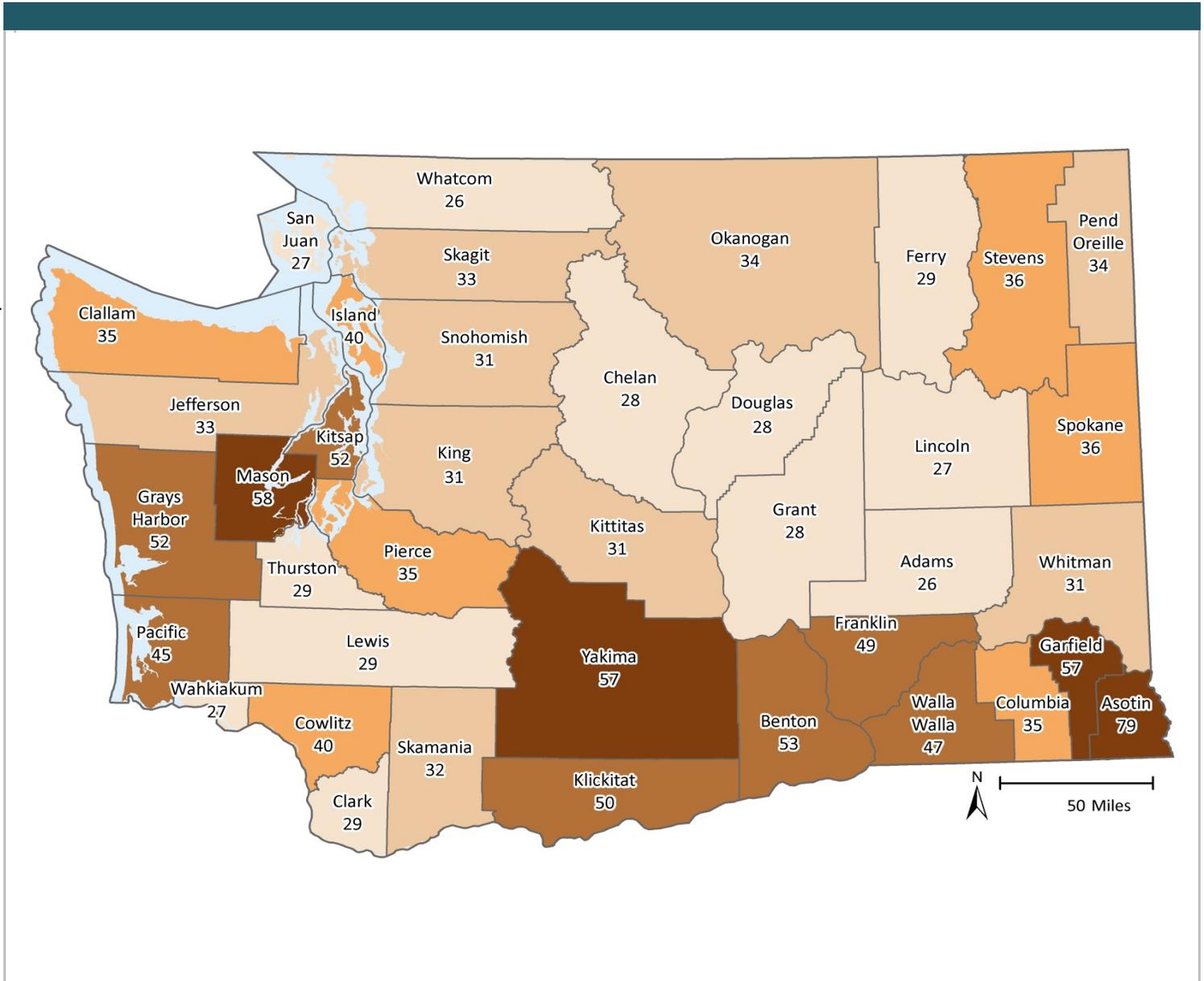
Rate of ED Use per 1000 coverage months for Medicaid-Children



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



Homelessness

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Medicaid coverage in the year. Clients in multiple Medicaid sub-populations during the year are attributed to only one sub-population based on a hierarchy: Disabled, Classic Adult, Expansion Adult, and then Children. See Technical Notes for details.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Homelessness

	Snohomish County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	8.4%	7.9%	8.1%	8.2%	7.2%	4.2%	3.9%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	888	878	940	991	814	338	317		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	3.6%	3.7%	3.6%	3.8%	2.9%	2.7%	2.6%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	586	628	625	639	538	508	476		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					5.3%	5.8%	5.7%						5.2%	5.5%	5.3%	
Persons w/Homelessness					1,691	3,152	3,461						18,570	32,850	35,815	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Medicaid-Children	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%	0.8%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	413	412	425	402	415	495	545		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	

Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care Act (ACA) has significantly changed the composition of the adult Medicaid caseload, and the share of adult Medicaid coverage comprised of newly covered adults varies across counties. Reviewing information by coverage group supports more valid comparisons of client experiences across counties.

Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the “classic non-disabled adult” coverage group experienced a caseload increase related to changes in eligibility rules that tended to bring healthier new enrollees into this preexisting coverage group. Also, some preexisting high-risk coverage groups (Presumptive SSI, Disability Lifeline and ADATSA coverage groups) transitioned into New Adult coverage upon implementation of the ACA, creating an initial New Adult population in 2014 with a higher prevalence of physical and behavioral health risk factors, compared to the composition of the New Adult population in 2015 and future years. As a result, caution should be used in interpreting trends – even within major coverage groups – in particular over the 2013 to 2015 time period.

Homelessness

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

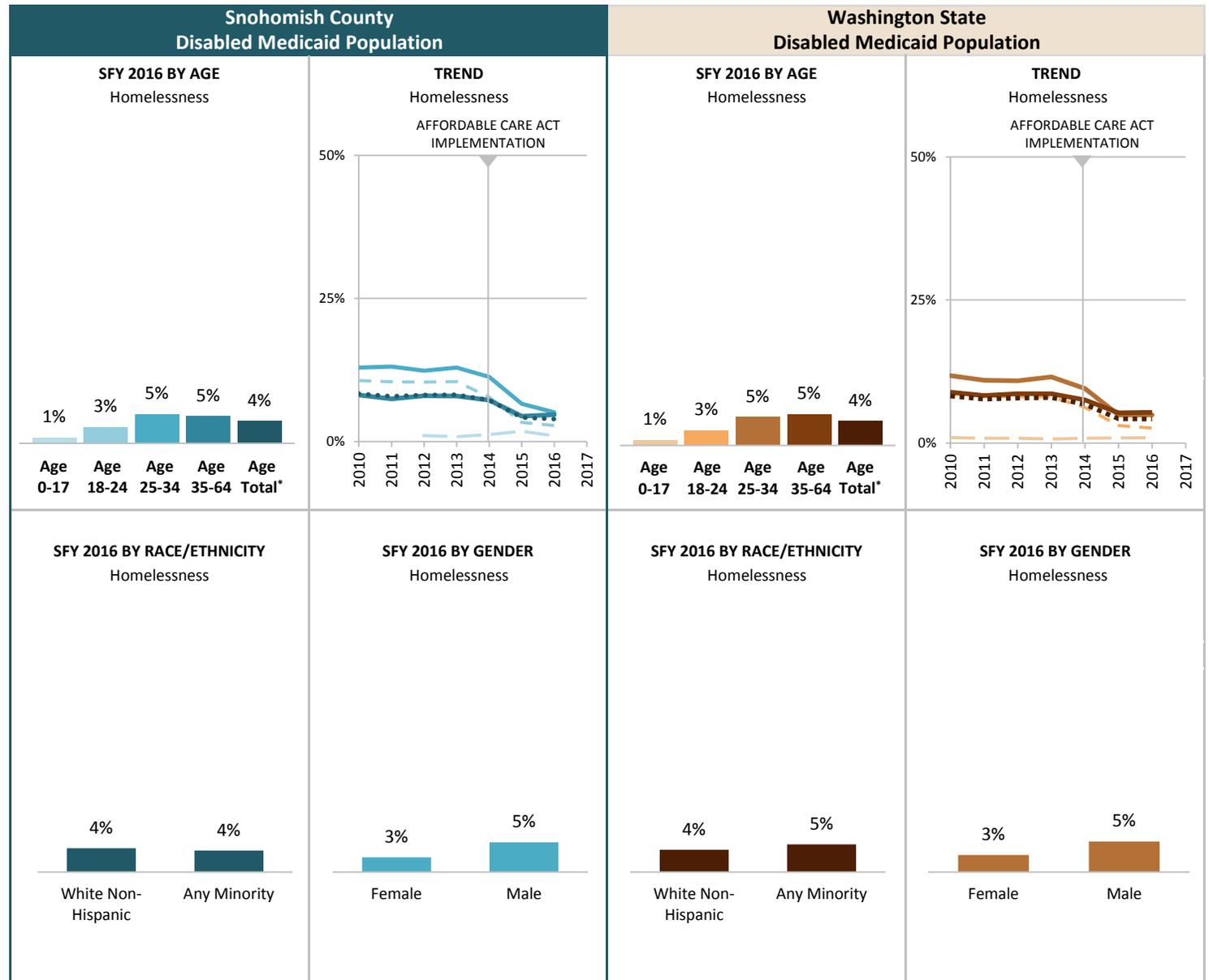
STATE:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Homelessness

	Snohomish County Disabled Medicaid Population								Washington State Medicaid Population Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness	1.2%		1.0%	0.8%	1.2%	1.8%	1.0%		1.0%	0.9%	0.9%	0.7%	0.9%	0.9%	0.9%	
Persons w/Homelessness	14		13	11	16	23	14		162	150	153	135	160	165	176	
Total persons	1,199	1,202	1,252	1,305	1,293	1,281	1,408		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Homelessness	10.7%	10.5%	10.4%	10.5%	7.8%	3.3%	2.8%		8.6%	8.2%	8.1%	8.1%	6.2%	3.1%	2.6%	
Persons w/Homelessness	124	123	122	117	80	28	23		1,070	1,031	1,018	1,031	742	299	252	
Total persons	1,161	1,177	1,174	1,117	1,031	842	815		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Homelessness	12.9%	13.1%	12.4%	12.9%	11.3%	6.6%	5.1%		11.8%	11.0%	10.9%	11.5%	9.5%	4.9%	4.9%	
Persons w/Homelessness	209	220	212	241	198	76	60		1,998	1,918	2,000	2,237	1,757	670	670	
Total persons	1,617	1,682	1,716	1,867	1,751	1,155	1,180		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Homelessness	8.1%	7.4%	8.0%	7.9%	7.2%	4.4%	4.7%		8.9%	8.3%	8.6%	8.6%	7.6%	5.3%	5.4%	
Persons w/Homelessness	541	525	593	622	520	211	220		7,021	6,766	7,382	7,732	6,336	3,210	3,180	
Total persons	6,657	7,048	7,404	7,833	7,199	4,786	4,669		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Homelessness	8.4%	7.9%	8.1%	8.2%	7.2%	4.2%	3.9%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	888	878	940	991	814	338	317		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	10,634	11,109	11,546	12,122	11,274	8,064	8,072		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	10.6%	8.8%	10.9%	11.2%	8.5%	7.0%	5.3%		11.8%	10.9%	10.8%	10.5%	8.6%	5.9%	6.1%	
Persons w/Homelessness	93	79	101	107	74	43	32		1,498	1,411	1,449	1,474	1,139	614	620	
Total persons	880	893	927	954	875	611	604		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Homelessness	4.3%	4.7%	3.8%	4.3%	3.9%				4.9%	4.7%	4.9%	5.2%	4.5%	2.6%	2.4%	
Persons w/Homelessness	24	29	23	27	24				301	294	315	352	288	132	122	
Total persons	563	613	611	634	610	446	464		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Homelessness	13.9%	14.2%	12.5%	12.5%	8.5%	6.7%	6.2%		16.2%	15.1%	14.6%	14.3%	12.1%	7.5%	7.2%	
Persons w/Homelessness	105	114	107	118	77	46	45		2,554	2,495	2,574	2,653	2,189	1,073	1,032	
Total persons	753	804	857	941	906	686	730		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Homelessness	7.0%	7.3%	7.9%	8.0%	7.5%				6.5%	6.1%	6.6%	7.1%	6.0%	3.2%	2.6%	
Persons w/Homelessness	14	18	19	21	20				174	176	200	232	194	84	69	
Total persons	199	245	240	263	265	176	200		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Homelessness	9.1%	6.6%	6.9%	6.3%	5.8%	3.0%	3.7%		6.0%	5.7%	5.8%	5.7%	4.6%	3.0%	2.9%	
Persons w/Homelessness	56	45	53	55	51	21	28		714	731	806	851	663	359	351	
Total persons	618	682	770	871	880	702	755		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Homelessness	8.0%	7.7%	8.0%	8.2%	7.4%	4.2%	4.1%		7.0%	6.7%	6.9%	7.1%	6.1%	3.8%	3.9%	
Persons w/Homelessness	614	614	656	698	582	236	226		5,533	5,323	5,752	6,158	4,973	2,340	2,341	
Total persons	7,717	7,983	8,215	8,545	7,893	5,566	5,452		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Homelessness	9.8%	8.9%	9.1%	8.7%	7.1%	4.3%	3.7%		10.4%	9.7%	9.7%	9.5%	8.0%	4.9%	4.8%	
Persons w/Homelessness	269	260	280	290	224	100	91		4,648	4,492	4,746	4,908	3,956	1,967	1,906	
Total persons	2,739	2,919	3,086	3,316	3,162	2,334	2,438		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Homelessness	5.5%	5.3%	5.8%	5.8%	4.9%	2.9%	2.6%		5.2%	4.9%	5.1%	5.2%	4.4%	3.0%	3.0%	
Persons w/Homelessness	290	294	332	343	265	116	101		3,220	3,083	3,313	3,523	2,786	1,503	1,447	
Total persons	5,302	5,577	5,729	5,935	5,428	3,933	3,913		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Homelessness	11.2%	10.6%	10.5%	10.5%	9.4%	5.4%	5.2%		11.1%	10.4%	10.5%	10.5%	9.0%	5.4%	5.4%	
Persons w/Homelessness	598	584	608	648	549	222	216		7,031	6,782	7,240	7,612	6,209	2,841	2,831	
Total persons	5,332	5,532	5,817	6,187	5,846	4,131	4,159		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Homelessness Rates

Among Medicaid-Disabled Youth and Adults, by County

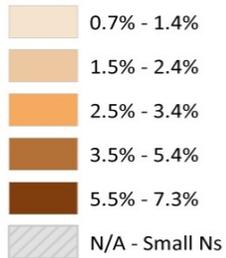
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

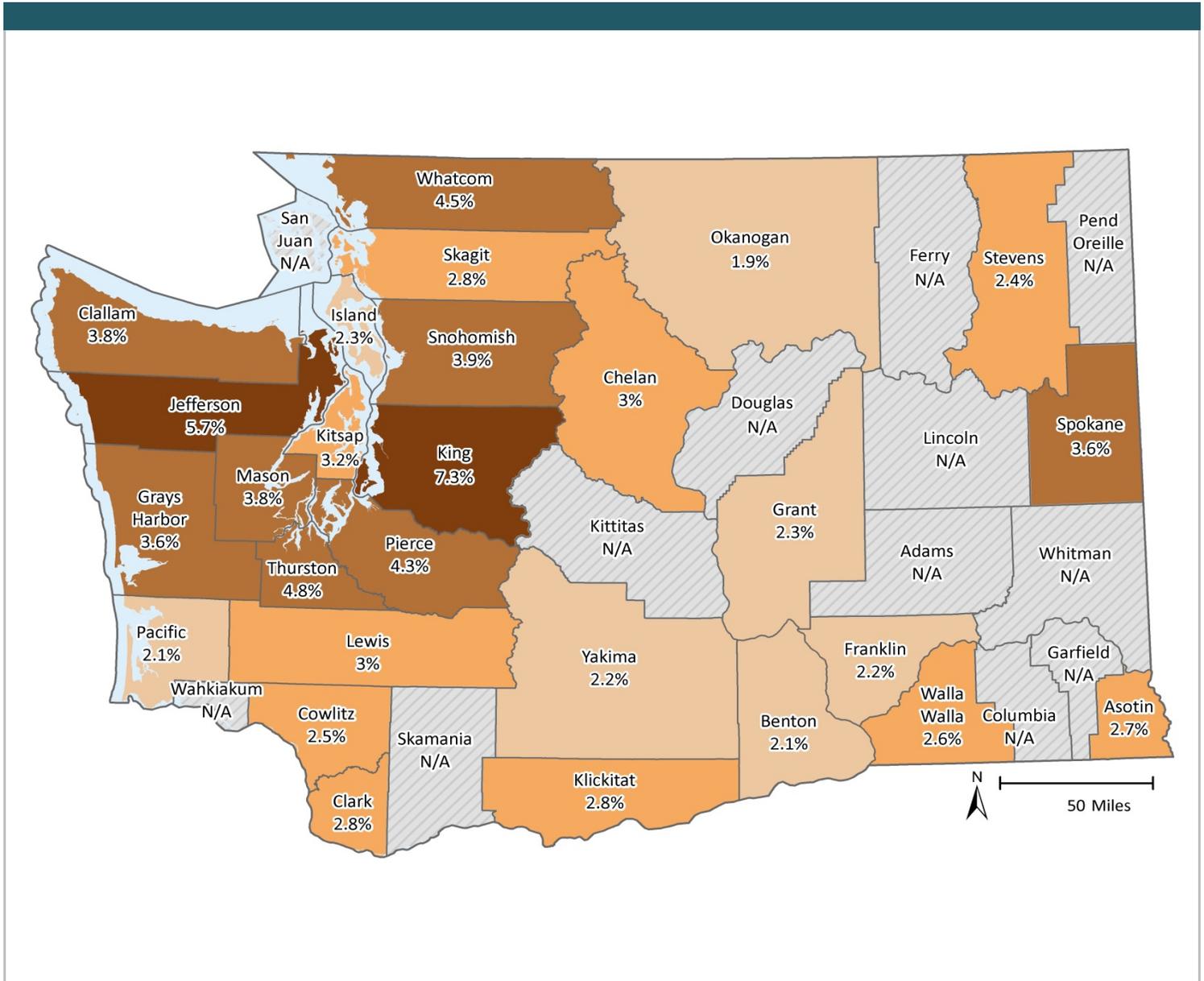
Percent of Medicaid-Disabled Youth and Adults with Homelessness



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Disabled-Medicaid coverage in the year. Disabled-Medicaid category includes adults and children.

*Those age 65 and older have been excluded due to incomplete data.



Homelessness

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

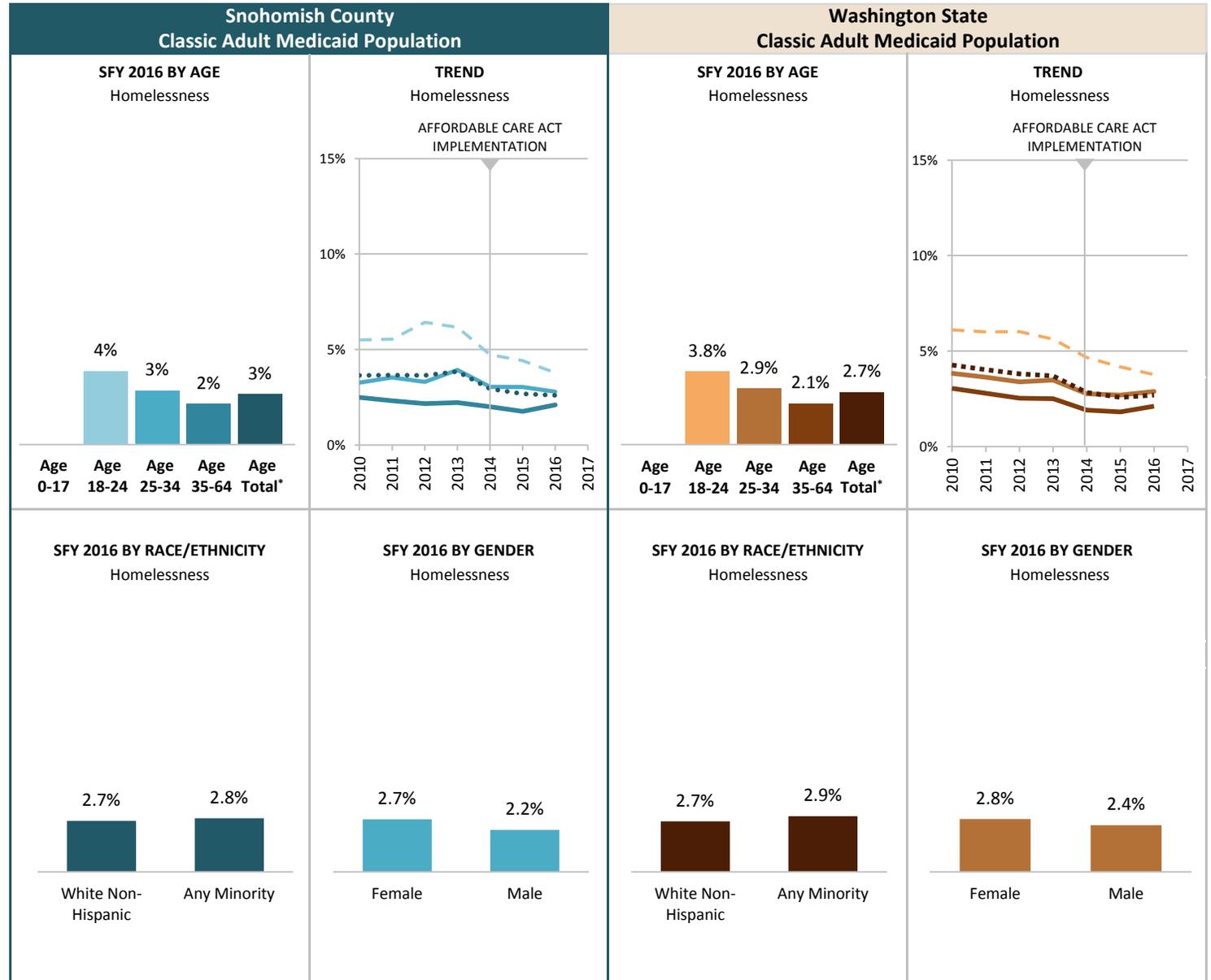
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Homelessness

	Snohomish County Classic Adult Medicaid Population								Washington State Medicaid Population Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness	5.5%	5.5%	6.4%	6.2%	4.7%	4.4%	3.8%		6.1%	6.0%	6.0%	5.6%	4.7%	4.2%	3.8%	
Persons w/Homelessness	240	236	254	223	154	117	88		3,283	3,200	3,031	2,635	1,962	1,451	1,127	
Total persons	4,356	4,257	3,955	3,612	3,251	2,642	2,325		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Homelessness	3.3%	3.5%	3.3%	3.9%	3.1%	3.0%	2.8%		3.8%	3.6%	3.4%	3.5%	2.8%	2.7%	2.9%	
Persons w/Homelessness	225	266	248	291	240	247	218		3,049	3,082	2,894	2,965	2,487	2,464	2,526	
Total persons	6,881	7,499	7,503	7,394	7,851	8,126	7,813		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Homelessness	2.5%	2.3%	2.2%	2.2%	2.0%	1.8%	2.1%		3.1%	2.8%	2.5%	2.5%	1.9%	1.8%	2.1%	
Persons w/Homelessness	121	126	123	125	144	144	170		1,653	1,629	1,522	1,522	1,475	1,579	1,811	
Total persons	4,840	5,420	5,674	5,605	7,178	8,159	8,095		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Homelessness	3.6%	3.7%	3.6%	3.8%	2.9%	2.7%	2.6%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	586	628	625	639	538	508	476		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	16,077	17,176	17,132	16,611	18,280	18,927	18,233		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	5.3%	6.4%	5.4%	6.8%	6.4%	7.0%	5.6%		7.0%	6.7%	6.5%	6.1%	5.0%	5.0%	5.2%	
Persons w/Homelessness	64	78	61	71	68	71	54		1,102	1,082	1,027	950	769	742	711	
Total persons	1,200	1,219	1,134	1,051	1,061	1,016	968		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Homelessness	2.0%	2.2%	1.8%	2.2%		1.2%	1.4%		3.1%	3.0%	2.8%	2.6%	1.9%	1.5%	1.6%	
Persons w/Homelessness	17	22	19	22		18	19		274	293	294	275	249	210	216	
Total persons	848	984	1,062	991	1,282	1,441	1,397		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Homelessness	7.2%	6.0%	5.7%	5.2%	5.2%	5.1%	4.5%		8.6%	7.5%	7.1%	6.6%	5.5%	5.3%	5.3%	
Persons w/Homelessness	83	77	74	72	77	79	67		1,764	1,648	1,587	1,491	1,272	1,199	1,124	
Total persons	1,146	1,275	1,289	1,387	1,494	1,537	1,491		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Homelessness	3.0%	2.3%	2.1%	1.8%	1.8%	2.4%	2.3%		4.1%	3.9%	3.8%	3.2%	2.6%	2.4%	2.9%	
Persons w/Homelessness	15	14	13	11	14	21	19		272	281	294	256	238	239	278	
Total persons	492	601	613	614	767	870	840		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Homelessness	2.7%	2.5%	3.5%	4.0%	2.1%	2.0%	1.8%		3.2%	2.9%	2.8%	2.7%	1.8%	1.8%	1.8%	
Persons w/Homelessness	42	43	64	75	47	47	41		895	876	882	836	674	683	646	
Total persons	1,546	1,696	1,831	1,856	2,201	2,371	2,335		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Homelessness	3.5%	3.7%	3.8%	3.9%	3.0%	2.6%	2.7%		3.9%	3.8%	3.5%	3.5%	2.8%	2.5%	2.7%	
Persons w/Homelessness	382	426	431	431	351	314	302		4,235	4,269	3,934	3,874	3,209	2,927	2,952	
Total persons	10,827	11,440	11,297	10,934	11,752	11,937	11,387		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Homelessness	4.2%	3.9%	3.6%	3.9%	3.1%	3.0%	2.8%		5.1%	4.7%	4.4%	4.1%	3.1%	2.8%	2.9%	
Persons w/Homelessness	194	200	190	202	184	194	173		3,653	3,553	3,441	3,195	2,679	2,531	2,482	
Total persons	4,587	5,074	5,216	5,134	5,986	6,425	6,217		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Homelessness	3.5%	3.5%	3.6%	3.7%	3.0%	2.8%	2.7%		4.1%	3.8%	3.6%	3.5%	2.8%	2.7%	2.8%	
Persons w/Homelessness	442	468	488	484	426	414	395		5,894	5,785	5,485	5,290	4,512	4,436	4,396	
Total persons	12,795	13,504	13,471	13,163	14,255	14,846	14,509		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Homelessness	4.4%	4.4%	3.7%	4.5%	2.8%	2.3%	2.2%		5.0%	4.7%	4.4%	4.2%	2.9%	2.2%	2.4%	
Persons w/Homelessness	144	160	137	155	112	94	81		2,091	2,126	1,962	1,832	1,412	1,058	1,068	
Total persons	3,282	3,672	3,661	3,448	4,025	4,081	3,724		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Homelessness Rates Among Medicaid-Classic Adults, by County

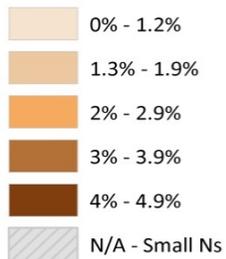
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

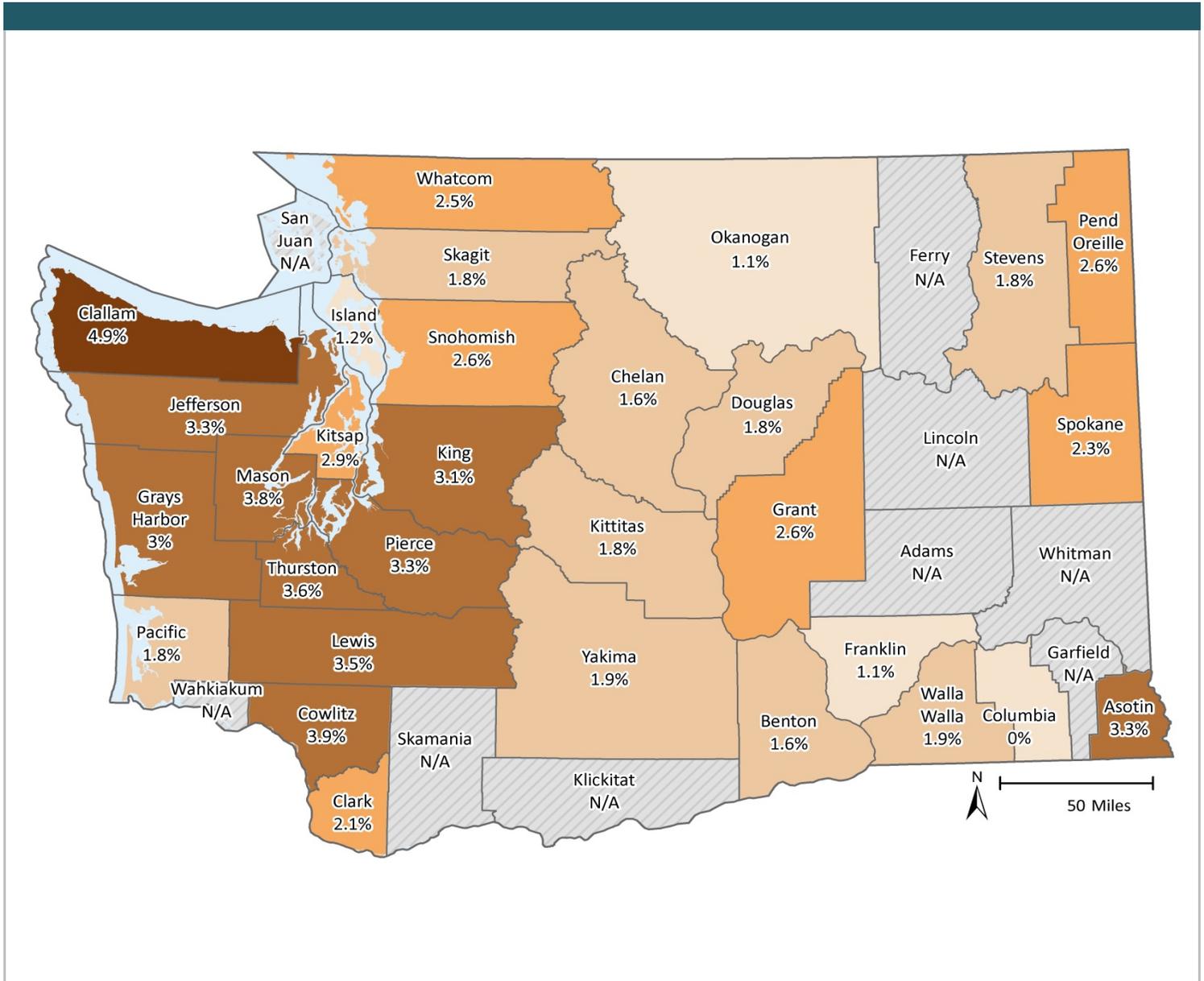
Percent of Medicaid-Classic Adults with Homelessness



SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Classic Adult-Medicaid coverage in the year. Classic Adult-Medicaid does not include children.

*Those age 65 and older have been excluded due to incomplete data.



Homelessness

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

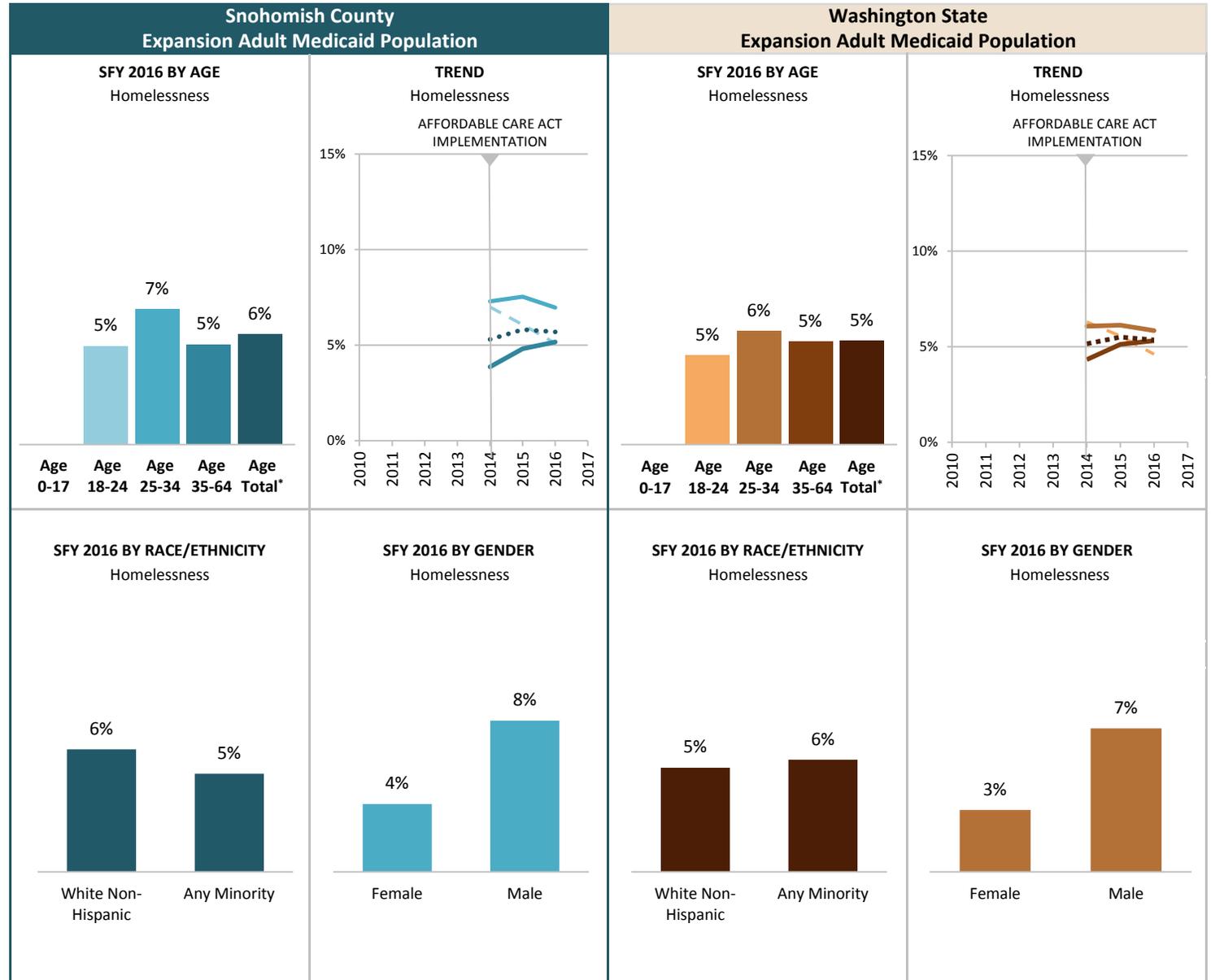
STATE:

- Age 0-17
- Age 18-24
- Age 25-34
- Age 35-64
- Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Homelessness

STATE FISCAL YEAR	Snohomish County Expansion Adult Medicaid Population								Washington State Medicaid Population Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness					7.0%	6.1%	5.1%						6.3%	5.6%	4.6%	
Persons w/Homelessness					335	524	512						3,773	5,743	5,513	
Total persons					4,789	8,639	10,060						59,852	103,457	119,804	
Age 25-34 w/Homelessness					7.3%	7.5%	7.0%						6.1%	6.1%	5.8%	
Persons w/Homelessness					651	1,191	1,264						6,217	10,847	11,965	
Total persons					8,927	15,802	18,146						102,393	177,330	204,738	
Age 35-64 w/Homelessness					3.9%	4.8%	5.2%						4.3%	5.1%	5.3%	
Persons w/Homelessness					705	1,437	1,685						8,580	16,260	18,337	
Total persons					18,243	29,854	32,633						198,262	317,159	345,171	
Age Total¹ w/Homelessness					5.3%	5.8%	5.7%						5.2%	5.5%	5.3%	
Persons w/Homelessness					1,691	3,152	3,461						18,570	32,850	35,815	
Total persons					31,959	54,295	60,839						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Homelessness					14.2%	12.1%	11.2%						12.2%	12.2%	11.4%	
Persons w/Homelessness					155	276	323						2,051	3,694	4,036	
Total persons					1,091	2,287	2,892						16,783	30,399	35,266	
Asian w/Homelessness					1.3%	1.6%	1.8%						1.8%	2.2%	2.3%	
Persons w/Homelessness					49	90	103						603	1,076	1,179	
Total persons					3,832	5,506	5,869						32,924	48,483	51,833	
Black w/Homelessness					9.1%	9.4%	8.6%						12.1%	12.3%	10.9%	
Persons w/Homelessness					169	306	323						3,422	6,039	6,113	
Total persons					1,847	3,255	3,758						28,284	49,017	56,142	
Hawaiian/PI w/Homelessness					3.2%	3.2%	3.7%						4.2%	4.5%	4.3%	
Persons w/Homelessness					35	62	81						485	910	1,009	
Total persons					1,109	1,949	2,197						11,451	20,416	23,467	
Hispanic w/Homelessness					3.8%	4.2%	4.4%						3.4%	3.8%	3.7%	
Persons w/Homelessness					113	222	271						1,765	3,189	3,556	
Total persons					2,995	5,257	6,136						52,399	84,681	96,834	
White Only w/Homelessness					5.9%	6.5%	6.3%						5.1%	5.4%	5.4%	
Persons w/Homelessness					1,226	2,288	2,480						11,159	19,614	21,643	
Total persons					20,705	35,406	39,261						216,846	361,260	402,225	
Any Minority w/Homelessness					4.6%	5.1%	5.1%						5.6%	6.1%	5.8%	
Persons w/Homelessness					459	843	956						7,289	12,988	13,857	
Total persons					9,922	16,562	18,895						130,167	212,403	239,488	
Population by Gender																
Females w/Homelessness					3.1%	3.5%	3.5%						2.9%	3.2%	3.2%	
Persons w/Homelessness					504	944	1,079						5,268	9,395	10,502	
Total persons					16,266	27,220	30,543						179,152	292,424	328,130	
Males w/Homelessness					7.6%	8.2%	7.9%						7.3%	7.7%	7.4%	
Persons w/Homelessness					1,187	2,208	2,382						13,302	23,455	25,313	
Total persons					15,693	27,075	30,296						181,355	305,522	341,583	

Homelessness Rates Among Medicaid-Expansion Adults, by County

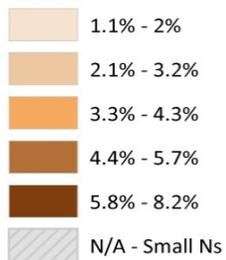
MARCH 2017

SFY 2016

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

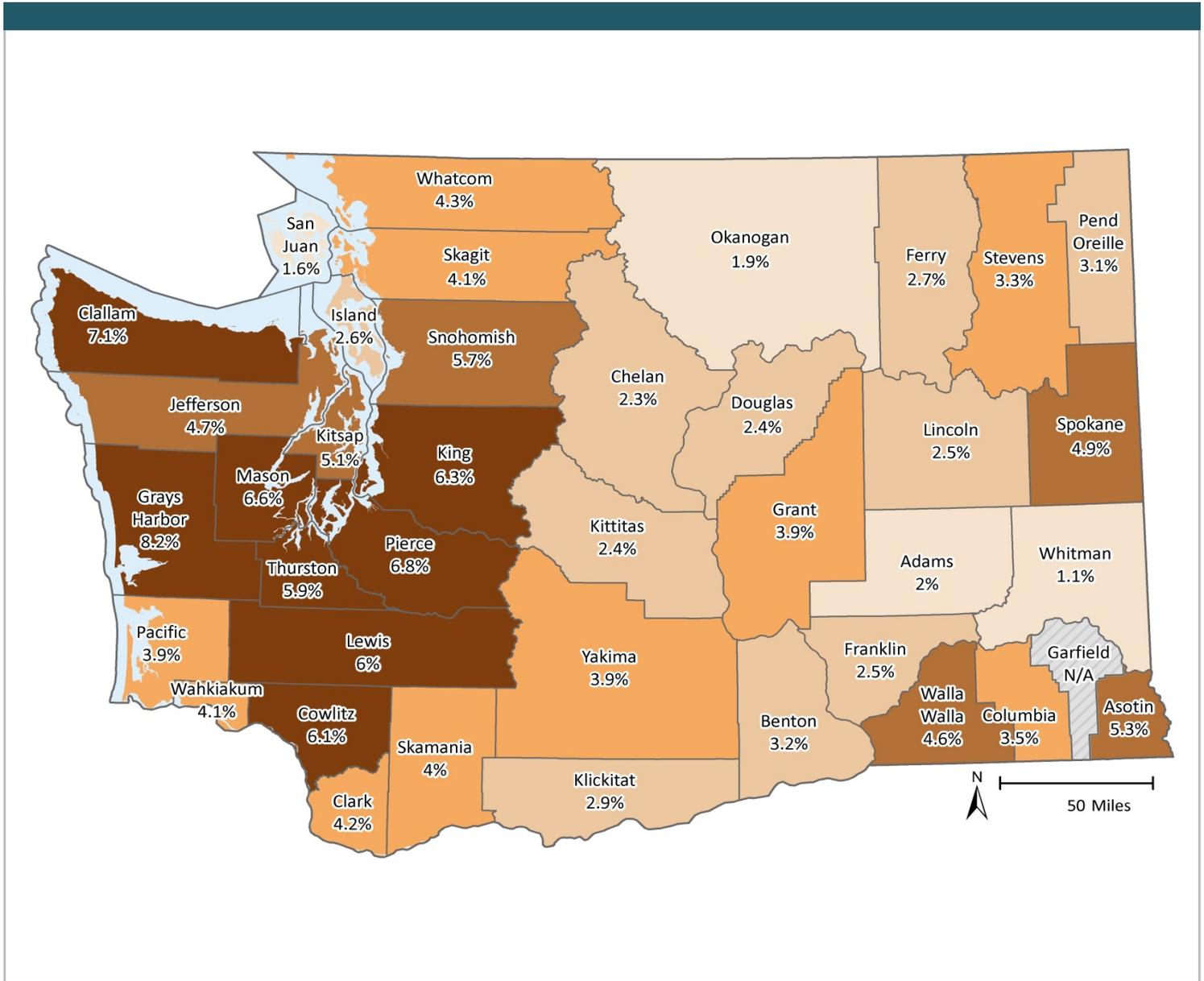
Percent of Medicaid-Expansion Adults with Homelessness



SOURCE & POPULATION

DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.

*Those age 65 and older have been excluded due to incomplete data.



Homelessness

INDICATOR

Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY. See Technical Notes for details.

COUNTY:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

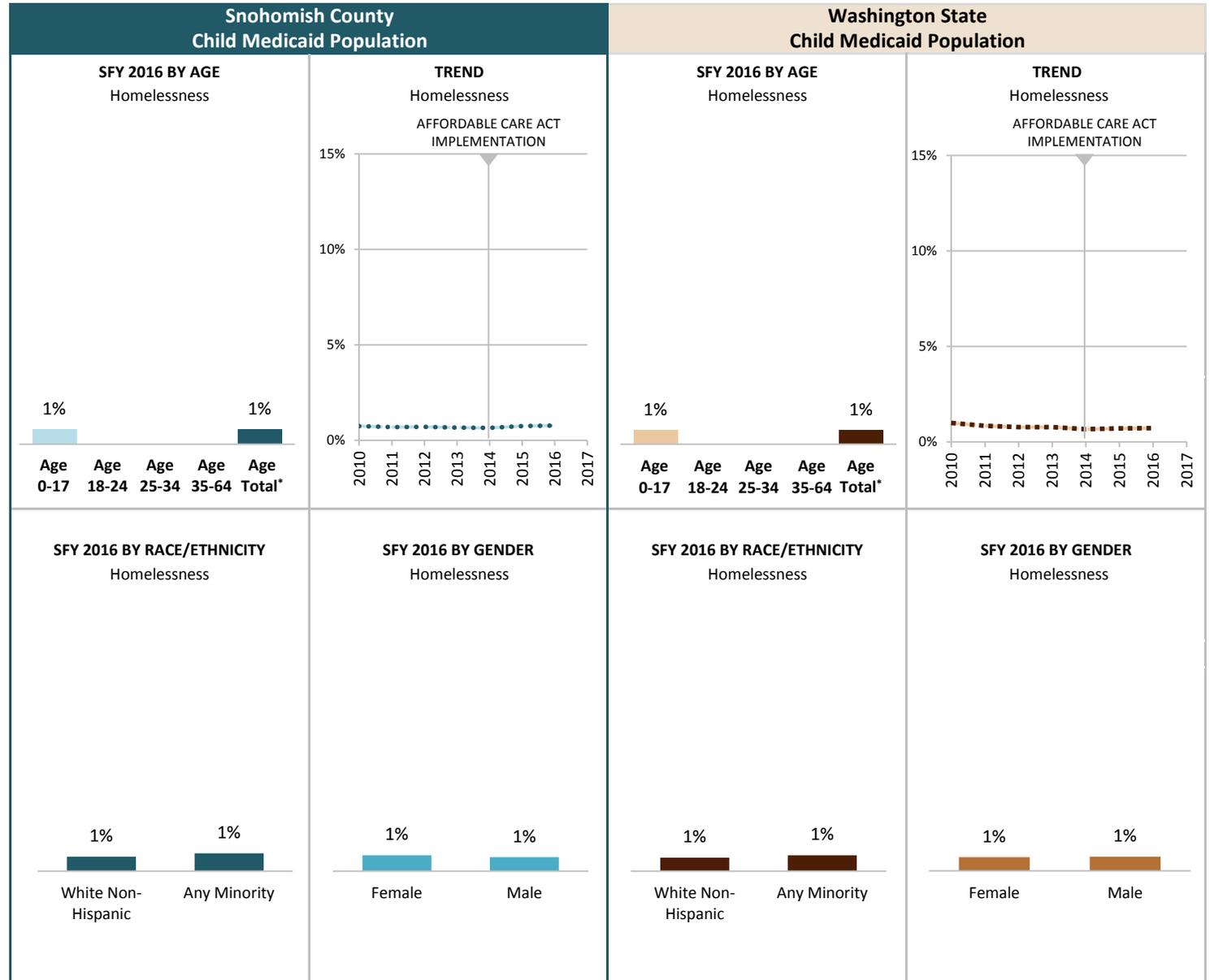
STATE:

- Age 0-17
- - - Age 18-24
- Age 25-34
- Age 35-64
- · · · · Age Total*

SOURCE & POPULATION

DSHS Integrated Client Database.
Population residing in geographic area as of June 30 of the year, with at least one month of Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

*Those age 65 and older have been excluded due to incomplete data.



SUPPORTING TABLES | Homelessness

	Snohomish County Child Medicaid Population								Washington State Medicaid Population Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%	0.8%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	413	412	425	402	415	495	545		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 25-34 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 35-64 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age Total¹ w/Homelessness	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%	0.8%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	413	412	425	402	415	495	545		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	55,523	59,393	60,474	60,542	64,119	66,735	70,278		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	1.1%	1.4%	0.9%	1.0%	1.0%	1.6%	1.6%		1.7%	1.5%	1.3%	1.4%	1.2%	1.2%	1.2%	
Persons w/Homelessness	40	50	32	34	33	55	56		709	599	553	583	478	494	504	
Total persons	3,487	3,602	3,642	3,572	3,441	3,469	3,556		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Homelessness	0.5%		0.5%	0.4%	0.3%	0.4%	0.6%		0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	
Persons w/Homelessness	18		20	17	15	20	33		218	199	202	208	189	180	207	
Total persons	3,780	4,124	4,267	4,342	4,809	5,040	5,120		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Homelessness	1.4%	1.6%	2.1%	1.6%	1.7%	2.0%	2.0%		2.7%	2.3%	2.1%	2.1%	1.8%	2.1%	2.0%	
Persons w/Homelessness	62	75	102	81	93	115	123		1,740	1,523	1,468	1,479	1,320	1,524	1,518	
Total persons	4,410	4,713	4,883	5,090	5,469	5,726	6,074		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Homelessness	1.1%	0.7%	0.8%	0.5%	0.6%	1.0%	1.3%		1.2%	1.1%	1.0%	1.0%	0.8%	0.8%	0.9%	
Persons w/Homelessness	22	16	19	13	16	30	39		299	289	271	288	233	277	323	
Total persons	2,024	2,358	2,447	2,541	2,675	2,926	3,096		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Homelessness	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%	0.6%		0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	
Persons w/Homelessness	64	79	75	85	92	92	116		1,258	1,268	1,075	1,059	997	1,053	1,223	
Total persons	13,708	14,626	15,138	15,588	16,419	17,069	17,858		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Homelessness	0.8%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%		0.9%	0.8%	0.7%	0.7%	0.6%	0.7%	0.7%	
Persons w/Homelessness	222	197	190	179	190	215	232		2,365	2,088	1,994	2,037	1,848	2,033	2,149	
Total persons	26,558	28,037	28,283	27,875	29,574	30,434	31,221		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Homelessness	0.7%	0.8%	0.8%	0.7%	0.7%	0.9%	0.9%		1.1%	1.0%	0.9%	0.9%	0.7%	0.8%	0.8%	
Persons w/Homelessness	173	203	220	207	216	263	293		3,528	3,202	2,970	3,011	2,675	2,943	3,156	
Total persons	24,442	26,234	27,071	27,677	29,269	30,596	32,030		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Homelessness	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.8%		1.0%	0.9%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	197	214	208	208	233	242	286		3,042	2,793	2,593	2,601	2,332	2,530	2,674	
Total persons	27,522	29,375	29,953	29,939	31,720	32,988	34,687		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Homelessness	0.8%	0.7%	0.7%	0.6%	0.6%	0.7%	0.7%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	216	198	217	194	182	253	259		3,089	2,751	2,592	2,666	2,343	2,616	2,833	
Total persons	28,001	30,018	30,521	30,603	32,399	33,747	35,591		314,940	331,406	338,610	342,993	359,929	372,207	388,323	



TECHNICAL NOTES

Medicaid Population Definitions and Limitations

The population used for this report consists of children, youth, and adults, ages 0-64, who had at least one month of medical coverage under Title XIX of Medicaid during the state fiscal year (SFY). Two aspects of the population are worth noting.

1) Limitations on Medicare Data Use: Those ages 65 and older were excluded from the analysis because they are primarily on Medicare and Medicare data was unavailable for purposes of this analytical project. It was thus impossible to provide an accurate description of the 65 and older population.

2) ACA Expansion: The time series element of this analytical product bridges the implementation of the Affordable Care Act (ACA), which expanded Medicaid. With ACA expansion beginning in January 2014, the Medicaid population increased substantially. As a result, four Medicaid populations should be analyzed separately to avoid incorrect inferences. For example, the expanded Medicaid population has lower morbidity rates than the traditional Medicaid population. If these two groups were combined, a drop in morbidity would be seen that is actually the result of changes in the populations served rather than changes in the programs. To avoid this issue the current analysis breaks the Medicaid population into the following four analytical groups.

DISABLED-MEDICAID: Full-scope Title XIX (Medicaid) federally qualified individuals who meet disability criteria under one of the following programs: Categorically Needy Blind/Disabled, Categorically Needy Health Care for Workers with Disabilities (HWD), Categorically Needy Breast & Cervical Cancer Treatment Program, Medically Needy Blind/Disabled.

CLASSIC ADULT-MEDICAID: Full-scope Title XIX (Medicaid) federally qualified adult Pregnant Women (with Modified Adjusted Gross Income [MAGI] up to 193% of the federal poverty level [FPL]) and adult Caretaker/Relatives, age 18 and over.

EXPANSION ADULT-MEDICAID: Non-disabled federally qualified adults between ages 19-64 with Modified Adjusted Gross Income (MAGI) less than 138% of the federal poverty level (FPL) and who would not qualify for 'Classic' Adult Medicaid coverage. Includes adults who aged out of Foster Care, until they turn 26.

CHILD-MEDICAID: Full-scope Title XIX (Medicaid, with Modified Adjusted Gross Income [MAGI] up to 205% of the federal poverty level [FPL]), and Title XXI (CHIP, with Modified Adjusted Gross Income [MAGI] up to 305% of the federal poverty level [FPL]) for federally qualified non-disabled children under age 18.

Metric Definition Descriptions

Mental Illness Treatment Need: In the current or past State Fiscal Year (SFY), any mental health diagnosis, prescription or service recorded in administrative data. The following diagnostic categories are included: Psychotic, Bipolar, Depressive, Anxiety, Adjustment, and ADHD/Conduct/Impulse disorders. The following medication classes are included: Antipsychotic, Antimania, Antidepressant, Antianxiety, and ADHD. Mental health services include Division of Behavioral Health and Recovery's contracted community inpatient or outpatient services, state hospital or children's long-term inpatient (CLIP) services, tribal mental health services, and Children's Administration Behavioral Rehabilitation Services (BRS). Medical claim indicators are based on the International Classification of Diseases, version 9 and 10 (ICD-9 or ICD-10). The source data are drawn from the ProviderOne Operational Data Store (P1 ODS) and Division of Behavioral Health and Recovery.

Substance Use Disorder Treatment Need (SUD Tx Need): In the current or past SFY, at least one substance-related diagnosis, procedure, prescription, treatment, or substance use related arrest. Data for this measure are derived from a combination of: 1) Fee-for-service paid claims and accepted managed care encounters in the ProviderOne Operational Data Store (P1 ODS), 2) Treatment and Report Generation Tool (TARGET) encounters, and 3) Alcohol or other drug (AOD) related arrest charges from the Washington State Patrol (WSP). Medical claim indicators are based on the International Classification of Diseases, version 9 and 10 (ICD-9 or ICD-10). TARGET indicators are based on records of detox and treatment for substance use disorders. Arrest indicators are based on arrests for SUD related offenses.

Any Behavioral Health Treatment Need (BH Tx Need): Presence of mental illness treatment need or a substance use disorder treatment need during the current or prior SFY. For greater detail on how each component is measured please see the definitions of Mental Illness Treatment Need and Substance Use Disorder above.

Co-occurring Disorder Treatment Need (COD Tx Need): Presence of both a mental health treatment need and a substance use disorder treatment need during the SFY or prior SFY. For greater detail on how each component is measured please see the definitions of Mental Illness Treatment Need and Substance Use Disorder above.

Criminal Justice Involvement: The presence of either (1) any arrest for a felony or gross misdemeanor during the SFY, as recorded in the Washington State Patrol database or, (2) activity recorded in the Washington State Institute for Public Policy (WSIPP) recidivism database that indicates a disposition associated with criminal activity (conviction, detention, JRA referral, deferral, or diversion).

Psychotropic Polypharmacy: The presence of four or more psychotropic medication prescriptions in the SFY, as indicated from claims data for filled prescriptions drawn from the Provider One Operational Data Store (P1 ODS). In the present analysis psychotropic medication includes Antipsychotics, Antimania medications, Antidepressants, Antianxiety medications, and ADHD medications.

Emergency Department Utilization (ED Use): The emergency department use rate is defined as the number of Emergency Department visits in SFY per 1,000 member-months. Member-months are months in which individuals had coverage under Medicaid. The Medicaid coverage month criteria is essential for this measure since emergency department visits are pulled from Medicaid claims data and do not include claims from non-Medicaid sources. Not using the Medicaid coverage month concept would result in artificially deflating the ED Use rates. Data for this measure are derived from a combination of fee-for-service paid claims and accepted managed care encounters in the ProviderOne Operational Data Store (P1 ODS).

Homelessness: Homelessness is defined as experiencing at least one episode of being homeless without housing (i.e., unable to stay with a friend or relative), a stay in an Emergency Housing Shelter, or a stay in a Battered Spouse Shelter in the SFY. The data for the homeless measure are drawn from the Washington State Automated Client Eligibility System (ACES).

Population by Race-Ethnicity

Race and ethnicity data is based on DSHS clients' self report. Clients can report more than one race. The current set of reporting categories are Non-Hispanic White (one race only), Any Minority, American Indian or Alaska Native, Black or African-American, Asian, Native Hawaiian or Pacific Islander, and Hispanic. Since a person can be a member of more than one minority group, the percentages for individual racial categories will sum to more than the percent shown for "Any Minority." "White Only" and "Any Minority" sum to 100 percent.

Map Classification

The 2014 rate maps were created using the Jenks Optimization method which works to minimize variance within classes and maximize variance between classes (also known as "Natural Breaks" or "Goodness of Variance Fit"). Typically, 5 classes or fewer are recommended.

References: Jenks, G. F. & M. R. Coulson (1963) Class intervals for statistical maps. *International Yearbook of Cartography*, 3, 119-134.

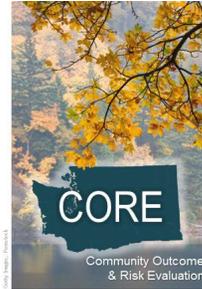
Wei, R., Tong, D. & J. M. Phillips (2016) An integrated classification scheme for mapping estimates and errors of estimation from the American Community Survey. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2016.04.003>.

Data Sources: 1) DSHS Integrated Client Database. 2) DSHS Community Outcomes and Risk Evaluation (CORE) Information System.

Snohomish County

Behavioral Health Treatment Needs and Outcomes

MARCH 2017



CONTRIBUTORS

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<https://www.dshs.wa.gov/sesa/rda/research-reports>

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