

Pierce 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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Pierce 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

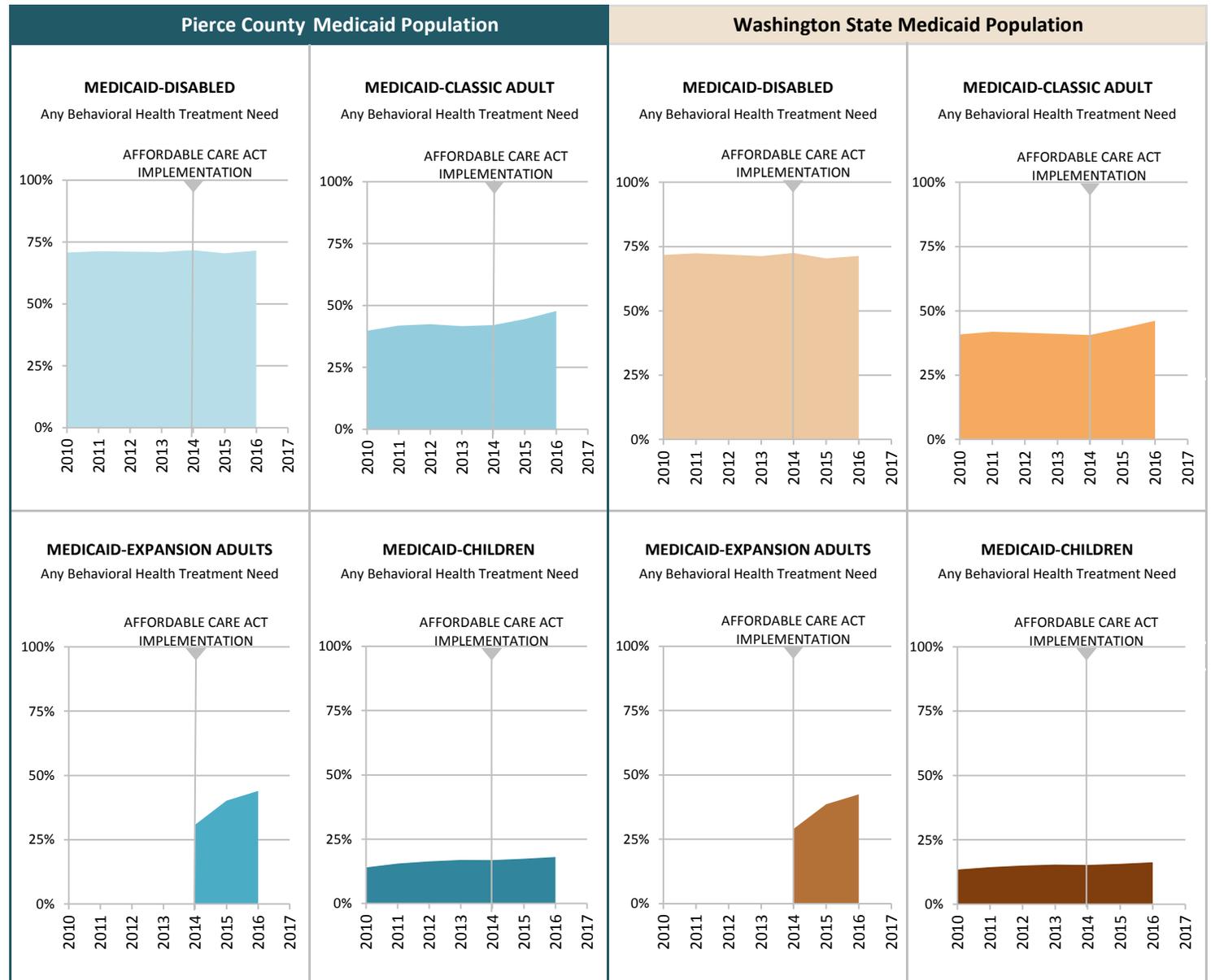
STATE:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	70.7%	71.2%	71.1%	70.9%	71.7%	70.4%	71.5%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	11,857	12,283	12,939	13,503	12,841	10,133	10,240		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	39.8%	41.8%	42.4%	41.6%	42.0%	44.5%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	10,295	11,640	12,071	11,778	12,355	13,140	13,405		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					30.8%	40.2%	44.0%							29.1%	38.6%	42.5%
Persons w/Any BH Tx Need					12,586	28,223	35,412						104,829	231,038	284,370	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	14.0%	15.5%	16.4%	16.9%	16.9%	17.4%	18.1%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	10,438	12,171	13,275	14,049	14,616	15,724	17,254		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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*

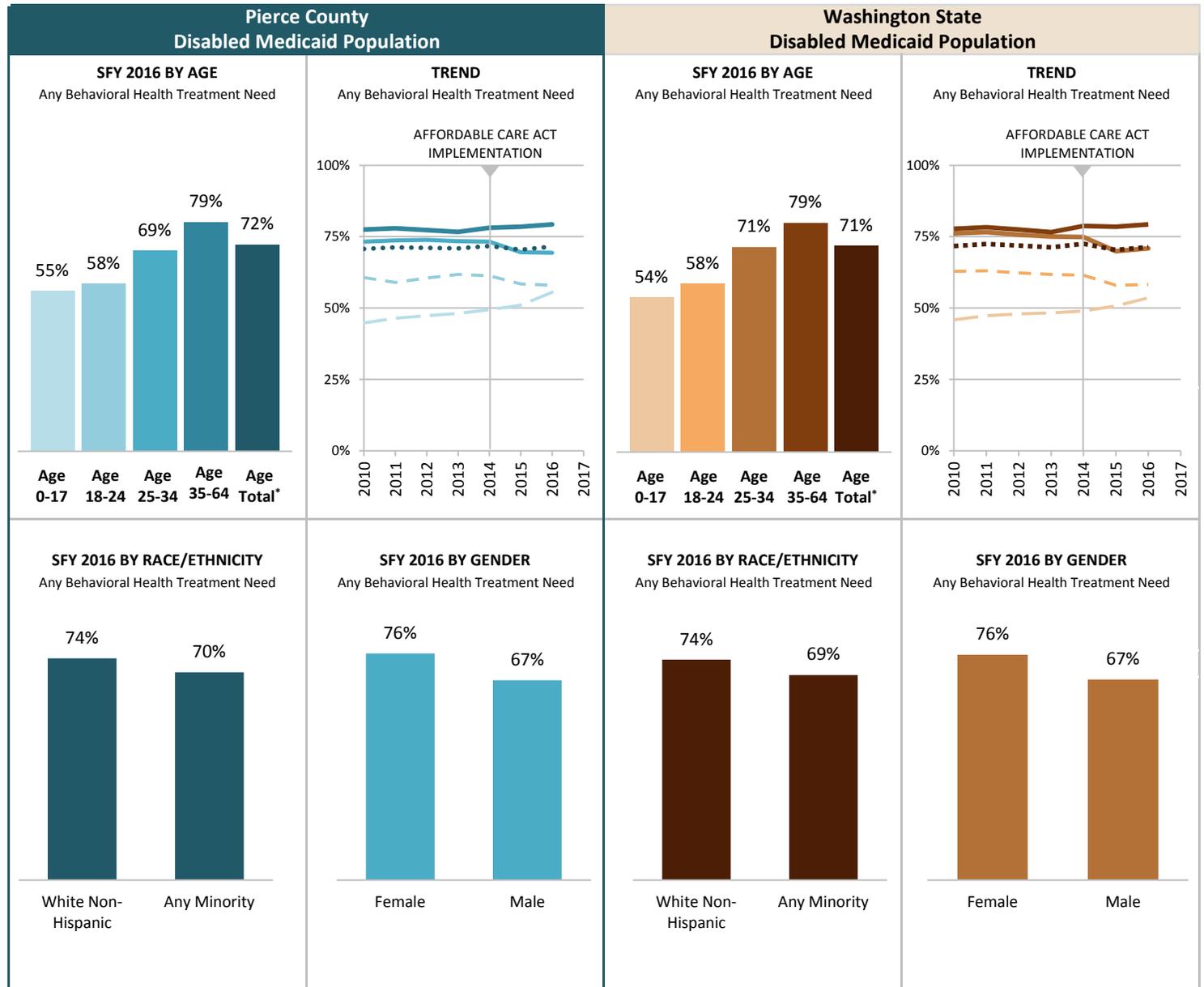
STATE:

- 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	Pierce 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	44.8%	46.4%	47.3%	48.1%	49.4%	51.1%	55.5%		45.9%	47.3%	47.9%	48.3%	49.0%	50.7%	53.5%	
Persons w/Any BH Tx Need	1,036	1,088	1,187	1,269	1,320	1,345	1,504		7,697	8,190	8,620	8,962	9,063	9,332	10,081	
Total persons	2,313	2,346	2,510	2,637	2,672	2,634	2,710		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Any BH Tx Need	60.7%	59.0%	60.5%	61.8%	61.4%	58.4%	58.0%		62.8%	63.0%	62.3%	61.8%	61.5%	58.0%	58.3%	
Persons w/Any BH Tx Need	1,002	995	1,042	1,059	967	758	758		7,808	7,887	7,830	7,880	7,308	5,679	5,611	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Any BH Tx Need	73.2%	73.7%	73.9%	73.4%	73.2%	69.5%	69.4%		76.1%	76.5%	75.7%	75.1%	74.8%	69.9%	70.9%	
Persons w/Any BH Tx Need	1,711	1,783	1,870	1,951	1,846	1,362	1,345		12,899	13,388	13,888	14,537	13,786	9,537	9,654	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Any BH Tx Need	77.5%	78.0%	77.3%	76.6%	78.1%	78.4%	79.3%		77.7%	78.3%	77.5%	76.6%	78.7%	78.4%	79.3%	
Persons w/Any BH Tx Need	8,108	8,417	8,840	9,224	8,708	6,668	6,633		61,190	63,560	66,195	68,726	66,067	47,610	46,909	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Any BH Tx Need	70.7%	71.2%	71.1%	70.9%	71.7%	70.4%	71.5%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	11,857	12,283	12,939	13,503	12,841	10,133	10,240		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		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	78.6%	78.9%	78.2%	80.2%	80.8%	81.3%	80.2%		79.6%	80.5%	79.4%	79.2%	80.0%	79.1%	79.3%	
Persons w/Any BH Tx Need	1,153	1,199	1,237	1,363	1,325	1,098	1,066		10,071	10,461	10,678	11,078	10,617	8,236	8,013	
Total persons	1,466	1,520	1,582	1,699	1,640	1,351	1,330		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Any BH Tx Need	61.3%	61.0%	63.2%	63.9%	64.5%	66.0%	64.2%		62.7%	63.8%	64.0%	63.2%	64.2%	63.5%	63.9%	
Persons w/Any BH Tx Need	698	693	728	764	717	603	565		3,867	4,032	4,117	4,270	4,115	3,209	3,189	
Total persons	1,139	1,136	1,152	1,196	1,112	913	880		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Any BH Tx Need	69.3%	69.9%	69.9%	70.0%	70.3%	69.6%	70.7%		72.4%	73.1%	72.6%	72.6%	73.0%	70.2%	71.7%	
Persons w/Any BH Tx Need	2,430	2,566	2,772	2,910	2,816	2,362	2,408		11,391	12,081	12,815	13,493	13,150	10,033	10,247	
Total persons	3,506	3,672	3,963	4,155	4,008	3,396	3,407		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Any BH Tx Need	55.6%	55.0%	54.8%	58.1%	58.4%	55.1%	55.9%		59.8%	61.1%	61.3%	61.0%	61.4%	59.5%	62.2%	
Persons w/Any BH Tx Need	318	330	358	399	380	309	308		1,602	1,776	1,863	2,003	1,992	1,550	1,621	
Total persons	572	600	653	687	651	561	551		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Any BH Tx Need	60.5%	60.2%	59.5%	62.4%	64.6%	60.1%	64.5%		58.2%	59.8%	60.3%	59.9%	61.0%	58.6%	61.6%	
Persons w/Any BH Tx Need	698	729	786	881	880	709	791		6,961	7,694	8,395	8,898	8,783	7,102	7,525	
Total persons	1,154	1,211	1,322	1,412	1,362	1,179	1,227		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Any BH Tx Need	73.8%	74.3%	74.6%	73.8%	74.6%	73.1%	74.5%		74.2%	74.8%	74.3%	73.7%	75.2%	73.3%	74.0%	
Persons w/Any BH Tx Need	6,821	7,039	7,361	7,591	7,169	5,472	5,526		58,288	59,854	61,660	63,679	60,903	44,713	44,352	
Total persons	9,241	9,476	9,871	10,288	9,612	7,484	7,420		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Any BH Tx Need	68.5%	68.9%	68.6%	69.2%	69.8%	68.9%	69.8%		69%	70%	69%	69%	70%	67%	69%	
Persons w/Any BH Tx Need	4,941	5,132	5,454	5,796	5,564	4,561	4,606		30,656	32,417	34,046	35,594	34,533	26,827	27,191	
Total persons	7,217	7,447	7,953	8,374	7,969	6,621	6,601		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Any BH Tx Need	74.1%	74.5%	74.5%	74.5%	75.9%	75.4%	76.2%		74.9%	75.6%	75.2%	74.7%	76.1%	74.8%	75.7%	
Persons w/Any BH Tx Need	6,227	6,346	6,673	6,930	6,542	5,275	5,274		46,172	47,799	49,189	50,465	48,279	37,014	36,598	
Total persons	8,406	8,519	8,961	9,296	8,623	7,000	6,924		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Any BH Tx Need	67.3%	68.0%	67.8%	67.4%	67.8%	65.7%	67.1%		68.6%	69.3%	68.7%	68.2%	69.2%	66.3%	67.4%	
Persons w/Any BH Tx Need	5,630	5,937	6,266	6,573	6,299	4,858	4,966		43,422	45,226	47,344	49,640	47,945	35,144	35,657	
Total persons	8,360	8,731	9,240	9,749	9,291	7,391	7,397		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

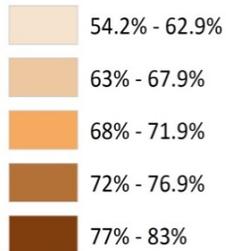
MARCH 2017

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.

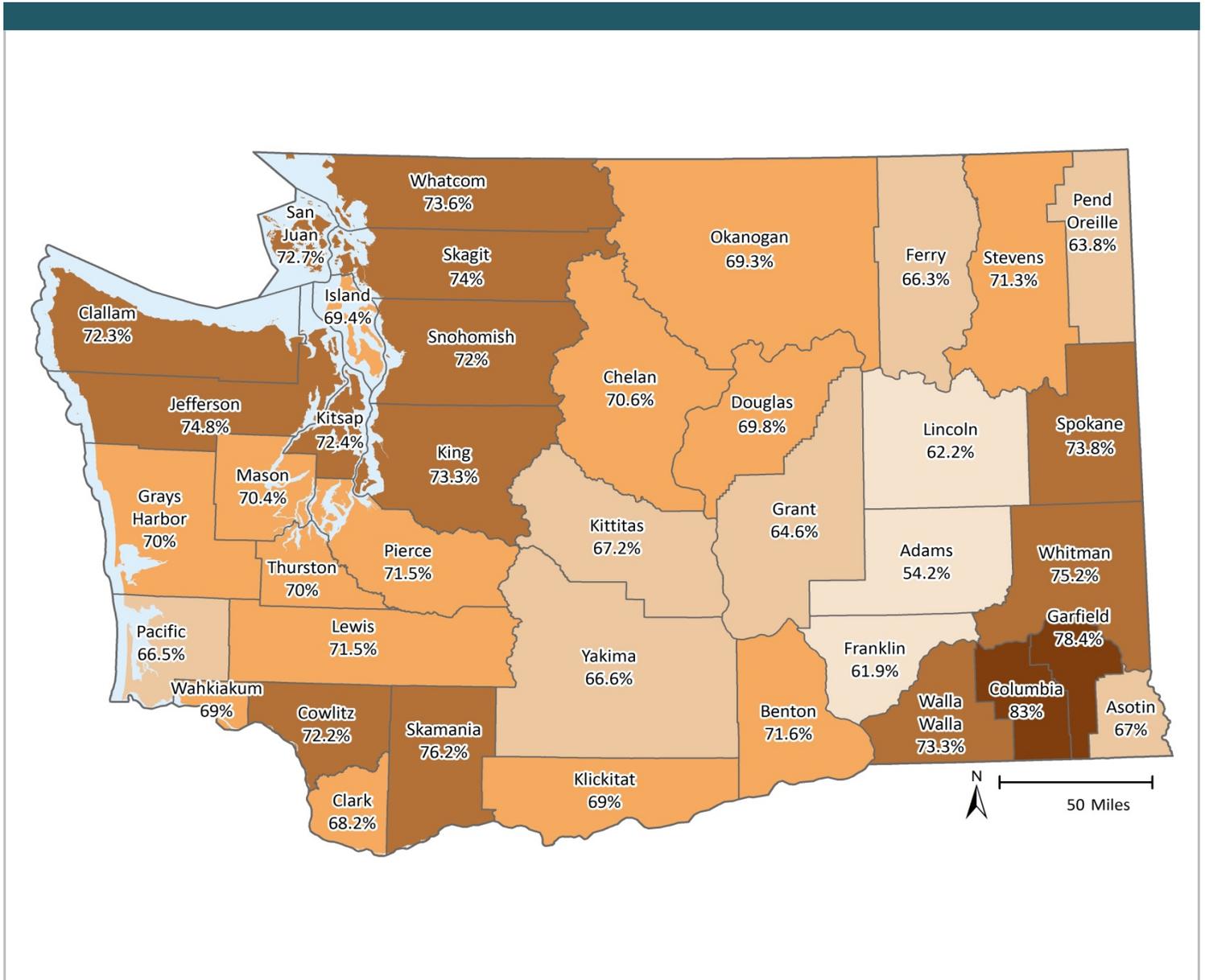
Percent of Medicaid-Disabled Youth and Adults with Any Behavioral Health Tx Need



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*

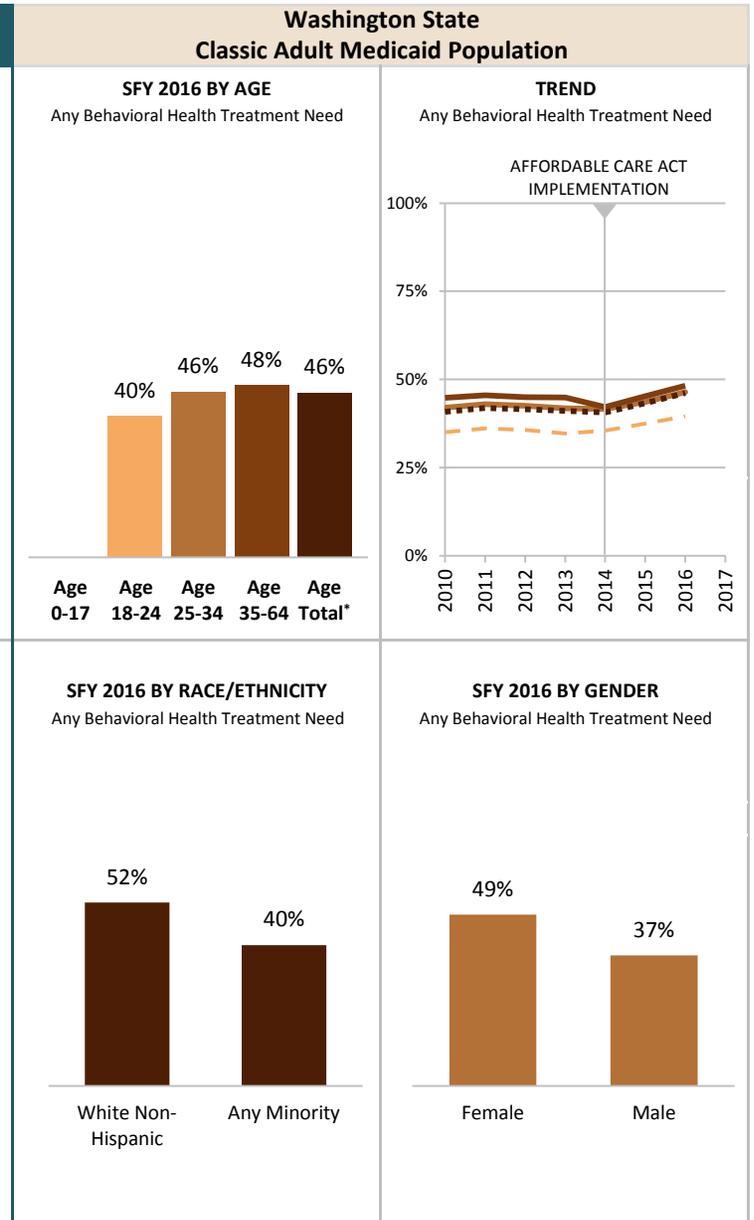
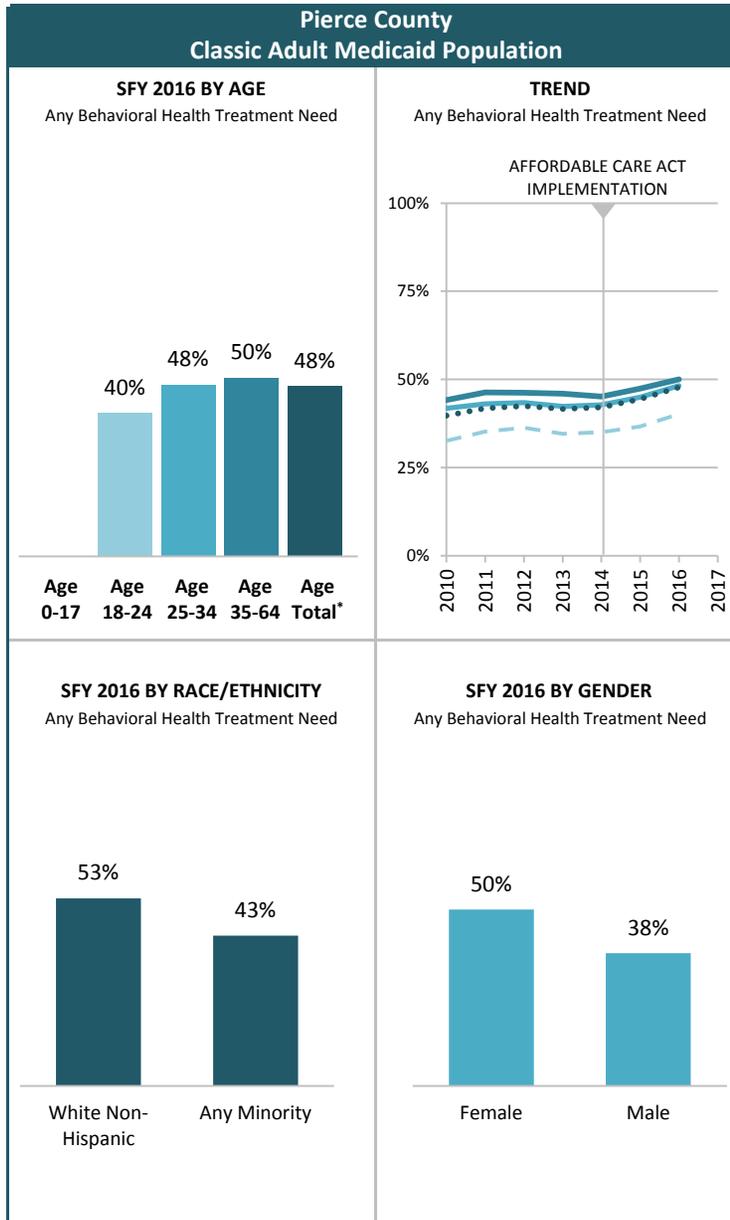
STATE:

- 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.



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Pierce 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	32.6%	35.2%	36.3%	34.6%	35.1%	36.7%	40.2%		35.1%	36.2%	35.7%	34.7%	35.5%	37.5%	39.5%	
Persons w/Any BH Tx Need	2,486	2,696	2,677	2,331	2,110	1,831	1,668		18,811	19,242	17,930	16,238	14,925	13,030	11,807	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Any BH Tx Need	41.9%	43.1%	43.4%	42.4%	42.8%	45.0%	48.2%		42.0%	43.0%	42.5%	41.8%	41.6%	43.6%	46.4%	
Persons w/Any BH Tx Need	4,684	5,224	5,502	5,471	5,697	6,058	6,216		33,376	36,503	36,212	35,509	37,434	39,841	40,534	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Any BH Tx Need	44.2%	46.4%	46.2%	46.0%	45.2%	47.4%	50.0%		44.8%	45.5%	44.9%	44.9%	42.2%	45.2%	48.2%	
Persons w/Any BH Tx Need	3,125	3,720	3,892	3,976	4,548	5,251	5,521		24,201	26,558	26,955	27,195	32,595	39,258	41,192	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Any BH Tx Need	39.8%	41.8%	42.4%	41.6%	42.0%	44.5%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	10,295	11,640	12,071	11,778	12,355	13,140	13,405		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		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	56.0%	55.9%	58.3%	56.5%	57.8%	60.8%	63.4%		58.0%	58.2%	57.9%	57.5%	57.4%	59.9%	62.5%	
Persons w/Any BH Tx Need	1,067	1,100	1,213	1,182	1,182	1,223	1,148		9,126	9,347	9,192	8,927	8,917	8,833	8,618	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Any BH Tx Need	29.3%	30.5%	32.3%	31.3%	29.6%	31.1%	34.2%		27.3%	27.5%	27.9%	27.6%	25.1%	27.0%	29.8%	
Persons w/Any BH Tx Need	478	538	584	579	616	689	717		2,441	2,706	2,900	2,892	3,221	3,736	3,958	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Any BH Tx Need	41.1%	43.0%	43.0%	41.2%	43.2%	45.3%	48.7%		38.0%	39.3%	38.4%	37.3%	38.1%	40.0%	42.4%	
Persons w/Any BH Tx Need	2,001	2,269	2,313	2,213	2,286	2,337	2,345		7,772	8,662	8,589	8,401	8,871	9,046	9,007	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Any BH Tx Need	24.6%	25.4%	25.2%	25.1%	25.7%	26.7%	28.9%		26.3%	27.5%	26.9%	26.5%	25.9%	27.7%	29.9%	
Persons w/Any BH Tx Need	415	459	484	500	561	620	670		1,738	1,981	2,063	2,120	2,401	2,782	2,895	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Any BH Tx Need	33.3%	36.7%	37.2%	36.0%	35.6%	38.4%	41.7%		34.0%	35.0%	34.7%	34.0%	32.9%	36.1%	38.6%	
Persons w/Any BH Tx Need	875	1,083	1,182	1,148	1,254	1,433	1,505		9,522	10,556	10,770	10,564	12,091	13,933	14,256	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Any BH Tx Need	43.5%	45.9%	46.3%	46.0%	46.3%	49.4%	53.2%		44.4%	45.8%	45.4%	45.2%	45.4%	48.8%	52.1%	
Persons w/Any BH Tx Need	6,024	6,832	7,024	6,857	7,207	7,621	7,810		48,478	51,959	50,800	49,390	52,982	57,313	57,986	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Any BH Tx Need	37.1%	38.7%	39.4%	38.1%	38.3%	40.1%	42.7%		38%	38%	38%	37%	36%	38%	40%	
Persons w/Any BH Tx Need	4,111	4,633	4,897	4,781	5,005	5,359	5,396		26,960	29,270	29,352	28,697	31,020	33,636	33,981	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Any BH Tx Need	41.5%	44.0%	44.8%	44.2%	44.6%	47.0%	50.1%		42.5%	43.9%	43.5%	43.1%	43.1%	45.9%	48.6%	
Persons w/Any BH Tx Need	8,477	9,506	9,878	9,758	10,257	11,109	11,377		61,664	66,247	65,546	64,159	69,252	75,901	77,321	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Any BH Tx Need	33.1%	34.3%	34.3%	32.3%	32.9%	34.5%	37.7%		35.1%	35.3%	34.7%	34.2%	32.2%	34.1%	37.1%	
Persons w/Any BH Tx Need	1,818	2,134	2,193	2,020	2,098	2,031	2,028		14,724	16,056	15,551	14,783	15,702	16,228	16,212	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		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

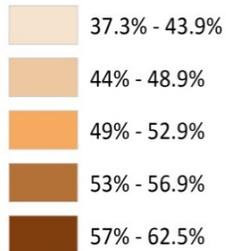
MARCH 2017

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.

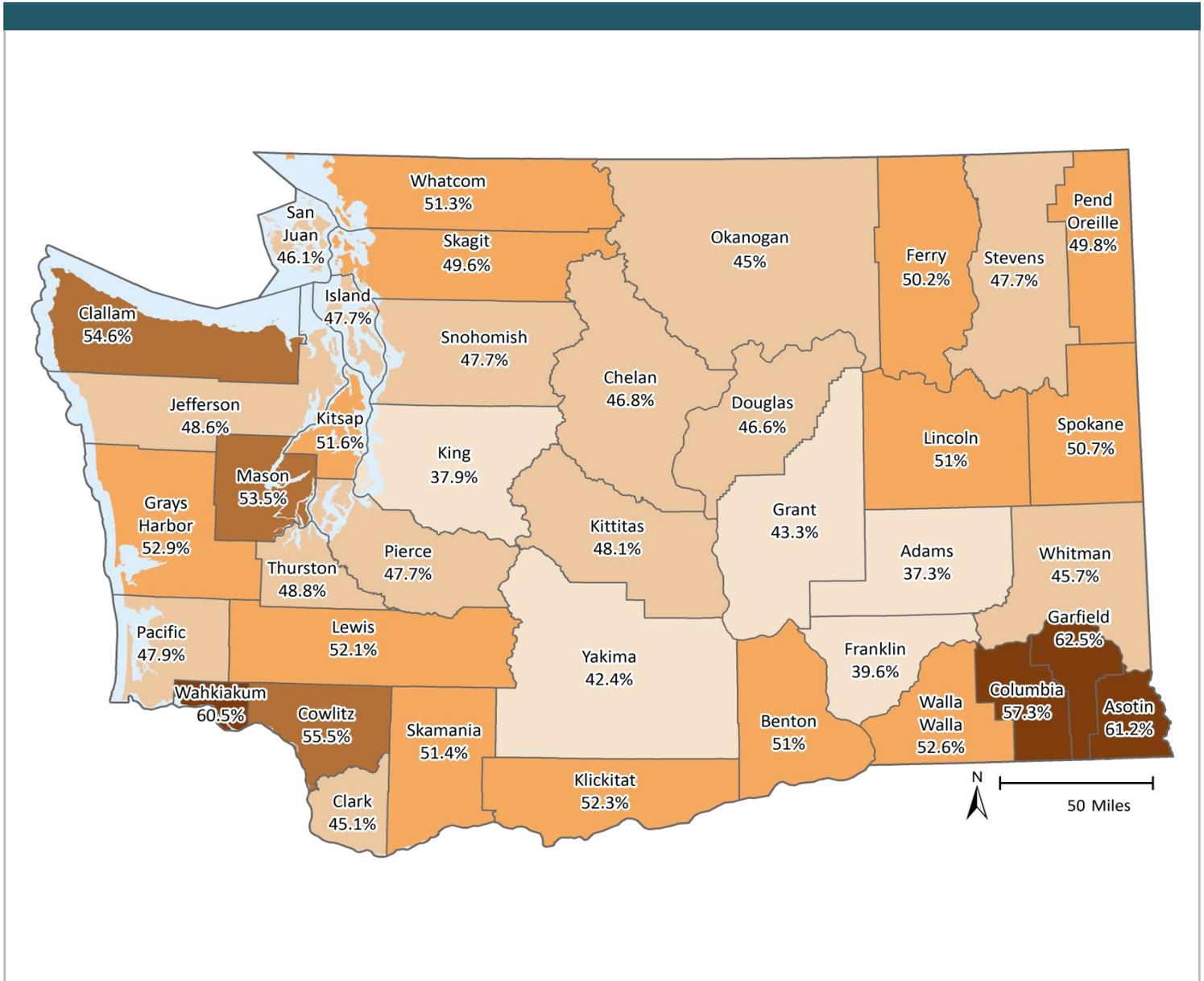
Percent of Medicaid-Classic Adults with Any Behavioral Health Tx Need



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*

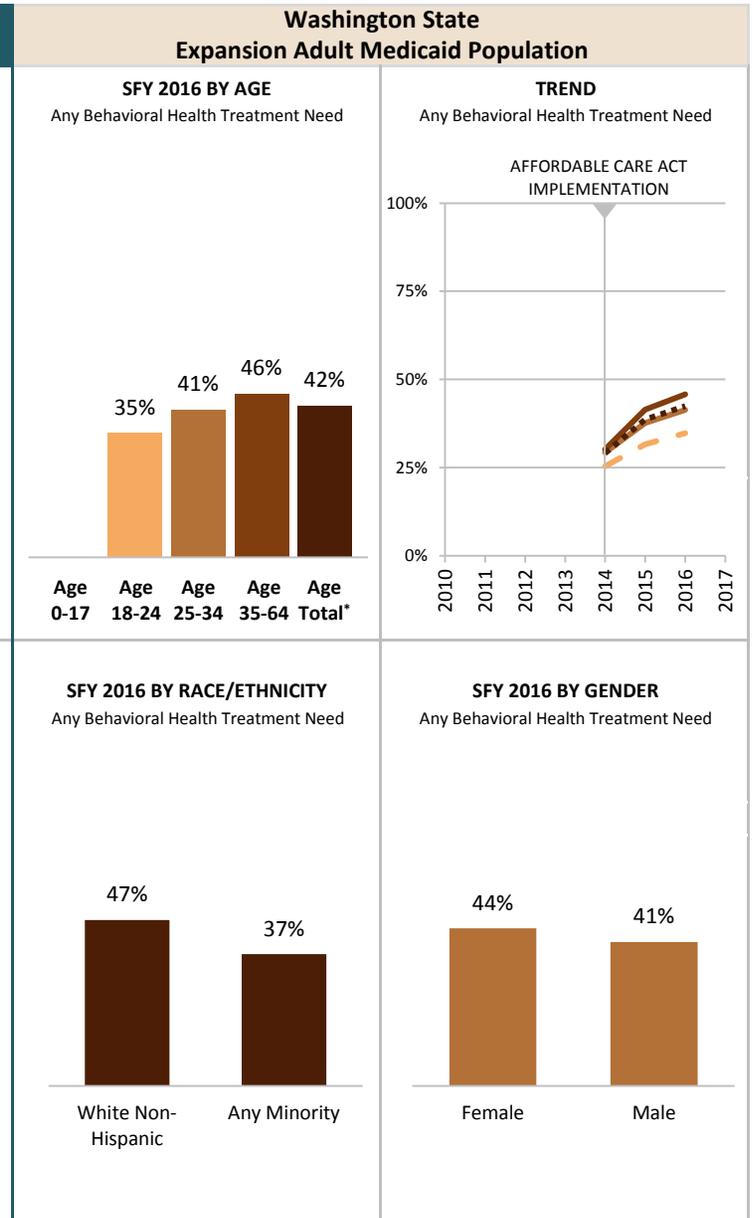
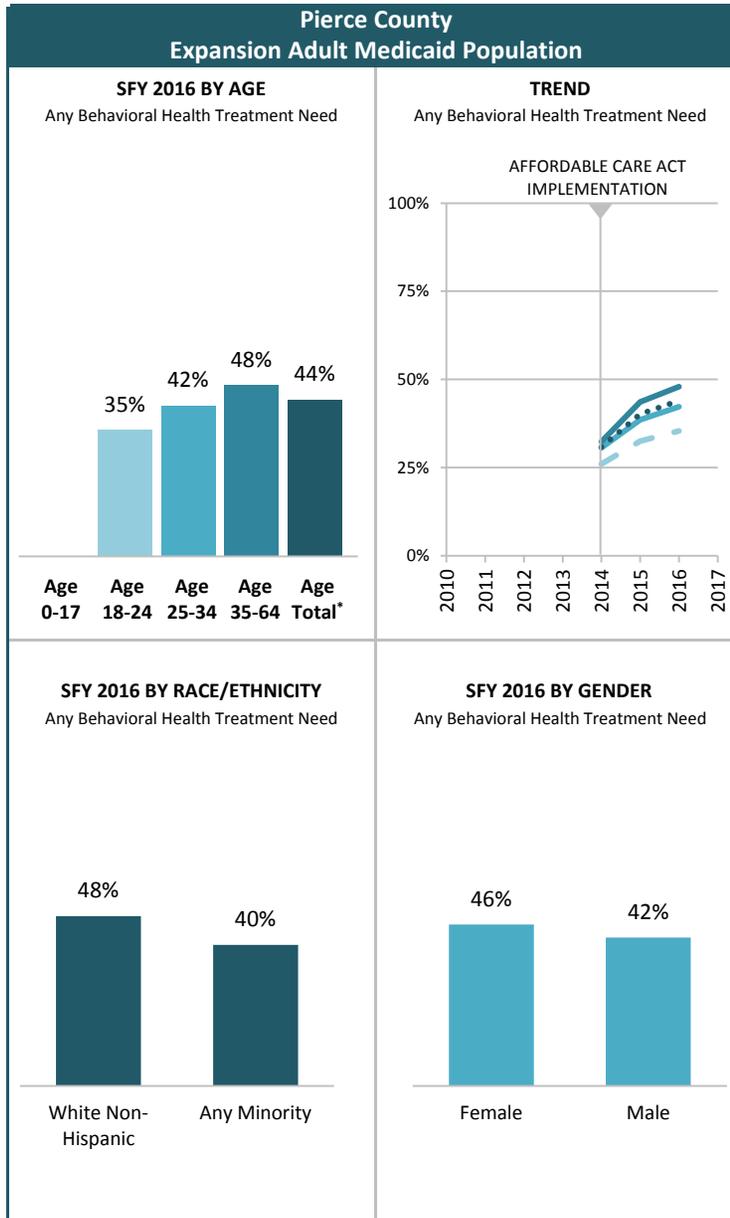
STATE:

- 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.



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Pierce 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					26.0%	32.5%	35.4%						25.3%	31.6%	34.8%	
Persons w/Any BH Tx Need					1,721	3,902	5,008						15,169	32,694	41,688	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/Any BH Tx Need					30.6%	38.6%	42.3%						29.2%	37.7%	41.3%	
Persons w/Any BH Tx Need					3,621	8,130	10,635						29,942	66,765	84,634	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/Any BH Tx Need					32.3%	43.6%	48.0%						30.1%	41.5%	45.8%	
Persons w/Any BH Tx Need					7,244	16,191	19,769						59,718	131,579	158,048	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total¹ w/Any BH Tx Need					30.8%	40.2%	44.0%						29.1%	38.6%	42.5%	
Persons w/Any BH Tx Need					12,586	28,223	35,412						104,829	231,038	284,370	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need					47.8%	57.4%	58.1%						50.4%	58.8%	60.5%	
Persons w/Any BH Tx Need					884	2,006	2,372						8,459	17,867	21,353	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/Any BH Tx Need					16.5%	24.4%	28.7%						13.9%	21.4%	25.0%	
Persons w/Any BH Tx Need					653	1,456	1,888						4,585	10,380	12,979	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/Any BH Tx Need					31.8%	41.6%	45.0%						27.5%	38.3%	41.1%	
Persons w/Any BH Tx Need					1,780	4,197	5,371						7,779	18,791	23,089	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/Any BH Tx Need					19.4%	27.1%	29.6%						19.0%	25.9%	29.3%	
Persons w/Any BH Tx Need					368	986	1,344						2,180	5,292	6,879	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/Any BH Tx Need					25.6%	34.8%	39.0%						22.5%	31.8%	36.3%	
Persons w/Any BH Tx Need					1,008	2,445	3,227						11,811	26,899	35,103	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/Any BH Tx Need					34.1%	43.8%	47.9%						33.1%	42.9%	46.8%	
Persons w/Any BH Tx Need					8,184	17,766	22,011						71,668	154,974	188,282	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/Any BH Tx Need					27.1%	36.5%	39.9%						24%	33%	37%	
Persons w/Any BH Tx Need					4,219	9,918	12,584						31,339	71,097	88,980	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/Any BH Tx Need					31.2%	41.5%	45.9%						29.4%	39.8%	44.4%	
Persons w/Any BH Tx Need					6,458	14,476	18,462						52,649	116,264	145,699	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/Any BH Tx Need					30.4%	38.9%	42.1%						28.8%	37.6%	40.6%	
Persons w/Any BH Tx Need					6,128	13,747	16,950						52,180	114,774	138,671	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

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

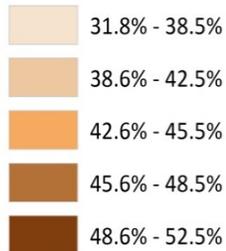
MARCH 2017

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.

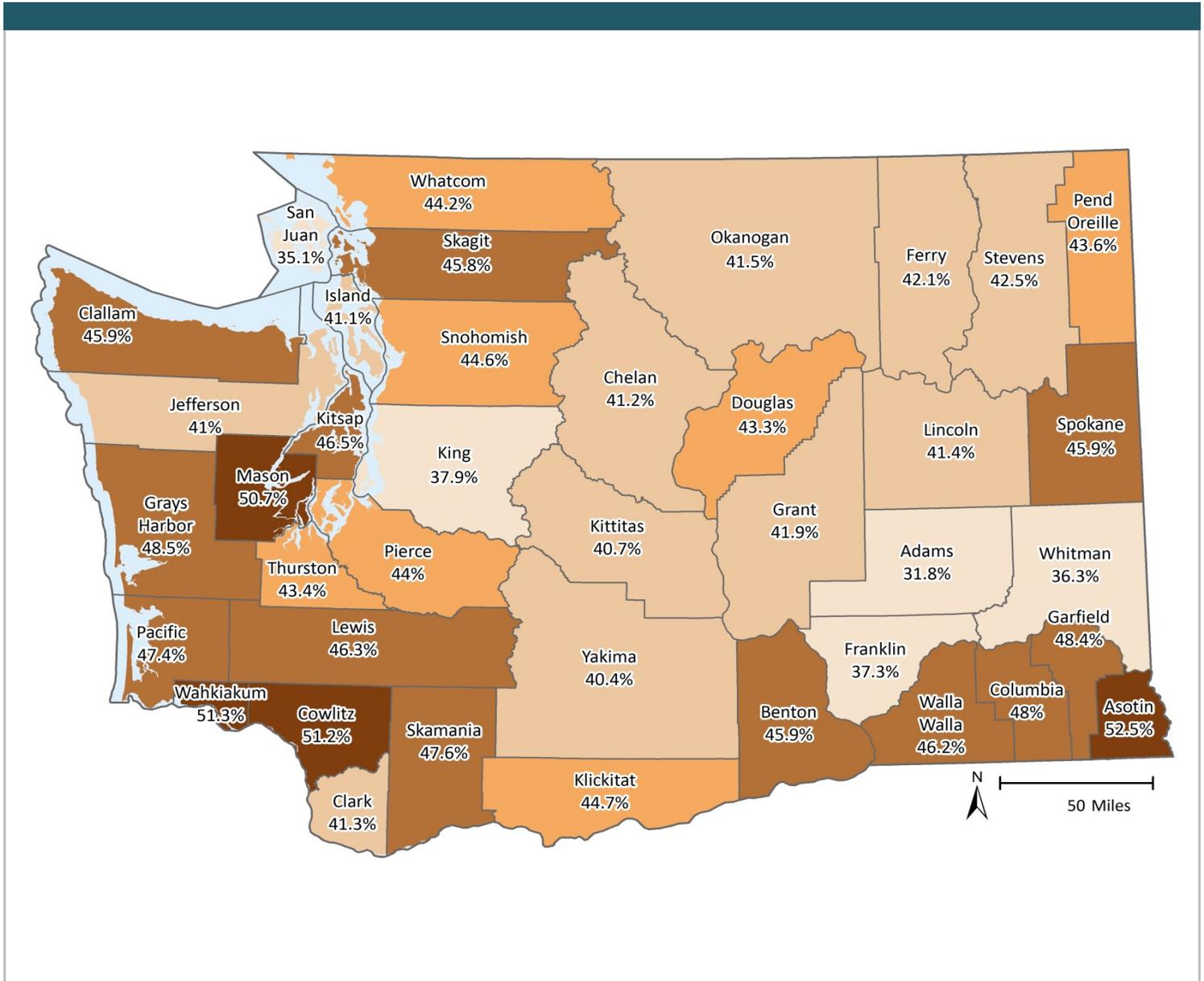
Percent of Medicaid-Expansion Adults with Any Behavioral Health Tx Need



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*

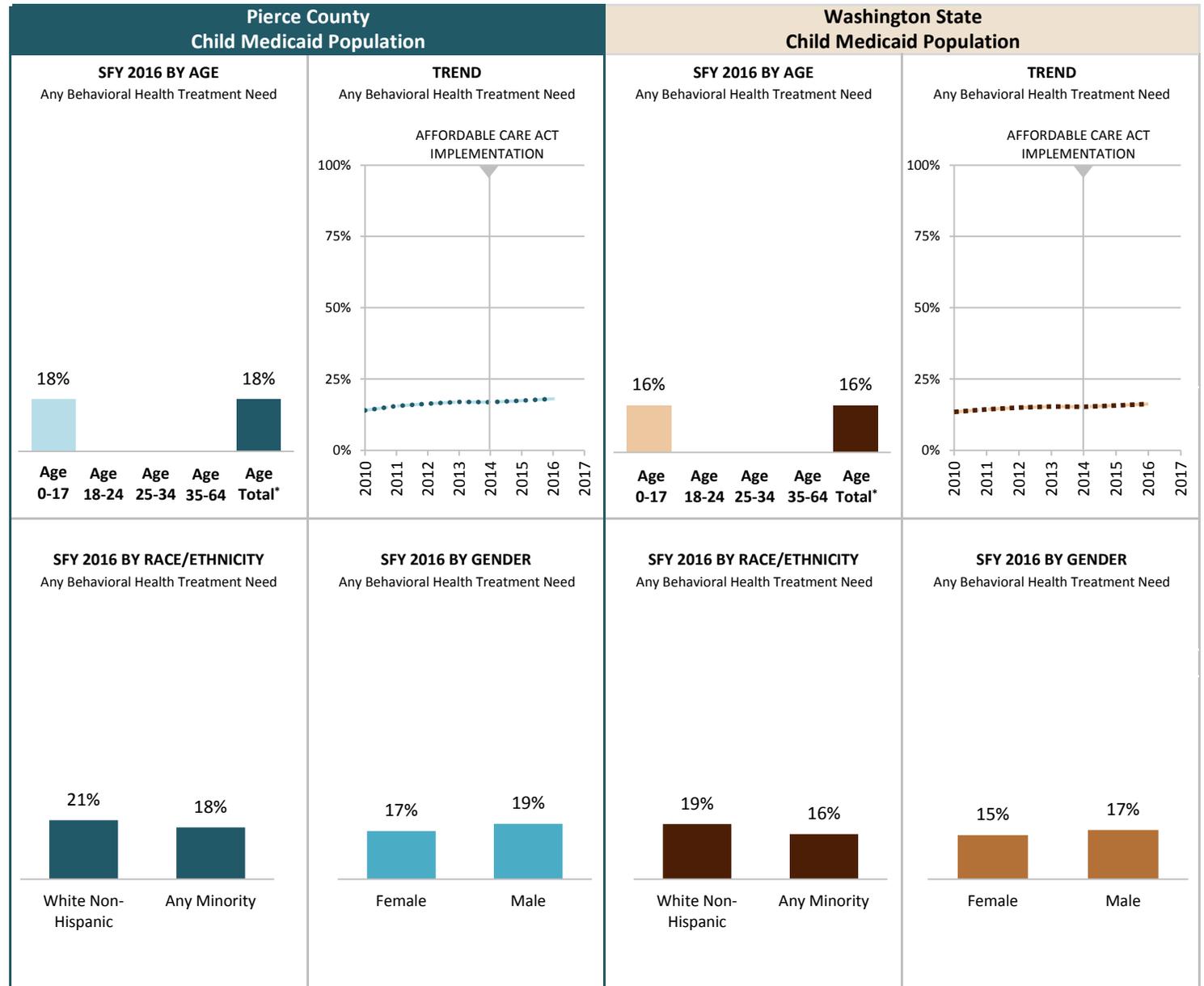
STATE:

- 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

STATE FISCAL YEAR	Pierce County Child Medicaid Population								Washington State Medicaid Population Child 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	14.0%	15.5%	16.4%	16.9%	16.9%	17.4%	18.1%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	10,438	12,171	13,275	14,049	14,616	15,724	17,254		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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	14.0%	15.5%	16.4%	16.9%	16.9%	17.4%	18.1%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	10,438	12,171	13,275	14,049	14,616	15,724	17,254		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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	24.7%	26.1%	27.3%	27.2%	28.5%	29.2%	29.9%		26.7%	27.2%	27.8%	28.4%	28.4%	28.7%	29.0%	
Persons w/Any BH Tx Need	1,235	1,321	1,427	1,458	1,528	1,577	1,654		10,825	11,217	11,512	11,763	11,740	11,770	11,876	
Total persons	4,994	5,070	5,232	5,359	5,358	5,405	5,540		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Any BH Tx Need	10.0%	12.0%	13.1%	13.3%	12.9%	13.3%	13.8%		8.8%	9.8%	10.7%	11.1%	10.9%	11.5%	12.2%	
Persons w/Any BH Tx Need	543	696	790	832	882	938	993		3,150	3,761	4,265	4,531	4,831	5,237	5,607	
Total persons	5,439	5,792	6,017	6,266	6,844	7,050	7,170		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Any BH Tx Need	16.1%	18.7%	19.5%	20.3%	20.3%	20.7%	21.1%		16.2%	17.5%	18.0%	18.2%	18.2%	18.6%	19.1%	
Persons w/Any BH Tx Need	2,302	2,743	2,926	3,108	3,201	3,351	3,571		10,379	11,671	12,336	12,789	13,190	13,742	14,458	
Total persons	14,324	14,662	15,002	15,296	15,757	16,198	16,923		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Any BH Tx Need	9.1%	10.9%	11.6%	12.5%	12.5%	12.1%	12.0%		9.2%	10.2%	11.0%	11.4%	11.6%	11.7%	11.9%	
Persons w/Any BH Tx Need	459	585	656	754	803	841	919		2,199	2,676	3,089	3,333	3,566	3,822	4,105	
Total persons	5,055	5,347	5,660	6,029	6,442	6,969	7,629		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Any BH Tx Need	11.9%	13.8%	14.8%	16.2%	16.4%	17.0%	17.7%		10.1%	11.5%	12.5%	13.0%	13.3%	14.0%	14.9%	
Persons w/Any BH Tx Need	1,849	2,242	2,506	2,787	2,946	3,236	3,561		19,049	22,863	25,566	27,156	28,691	31,152	34,104	
Total persons	15,517	16,209	16,916	17,162	17,940	19,026	20,086		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Any BH Tx Need	16.6%	17.7%	18.5%	18.9%	18.7%	19.6%	20.7%		16.5%	17.3%	17.8%	18.3%	17.9%	18.5%	19.3%	
Persons w/Any BH Tx Need	5,030	5,664	6,107	6,363	6,574	7,107	7,739		43,255	47,356	49,303	50,706	52,492	55,528	59,503	
Total persons	30,261	31,965	33,024	33,676	35,147	36,258	37,419		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Any BH Tx Need	13.5%	15.5%	16.4%	17.2%	17.2%	17.5%	18.1%		12%	14%	14%	15%	15%	15%	16%	
Persons w/Any BH Tx Need	5,237	6,223	6,791	7,306	7,651	8,142	8,874		39,232	44,949	48,859	51,215	53,301	56,638	60,909	
Total persons	38,651	40,120	41,501	42,541	44,532	46,531	48,916		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Any BH Tx Need	12.3%	13.8%	14.6%	15.1%	15.3%	16.0%	16.8%		12.1%	12.9%	13.5%	13.9%	14.0%	14.6%	15.4%	
Persons w/Any BH Tx Need	4,554	5,356	5,881	6,187	6,557	7,178	7,958		37,086	41,769	44,419	46,375	48,733	52,676	57,970	
Total persons	36,924	38,810	40,144	40,988	42,877	44,803	47,231		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Any BH Tx Need	15.7%	17.3%	18.1%	18.8%	18.4%	18.8%	19.3%		14.8%	15.8%	16.5%	16.8%	16.5%	16.7%	17.1%	
Persons w/Any BH Tx Need	5,884	6,815	7,394	7,862	8,059	8,546	9,296		46,587	52,346	55,781	57,626	59,348	62,254	66,526	
Total persons	37,431	39,493	40,829	41,904	43,691	45,483	48,164		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

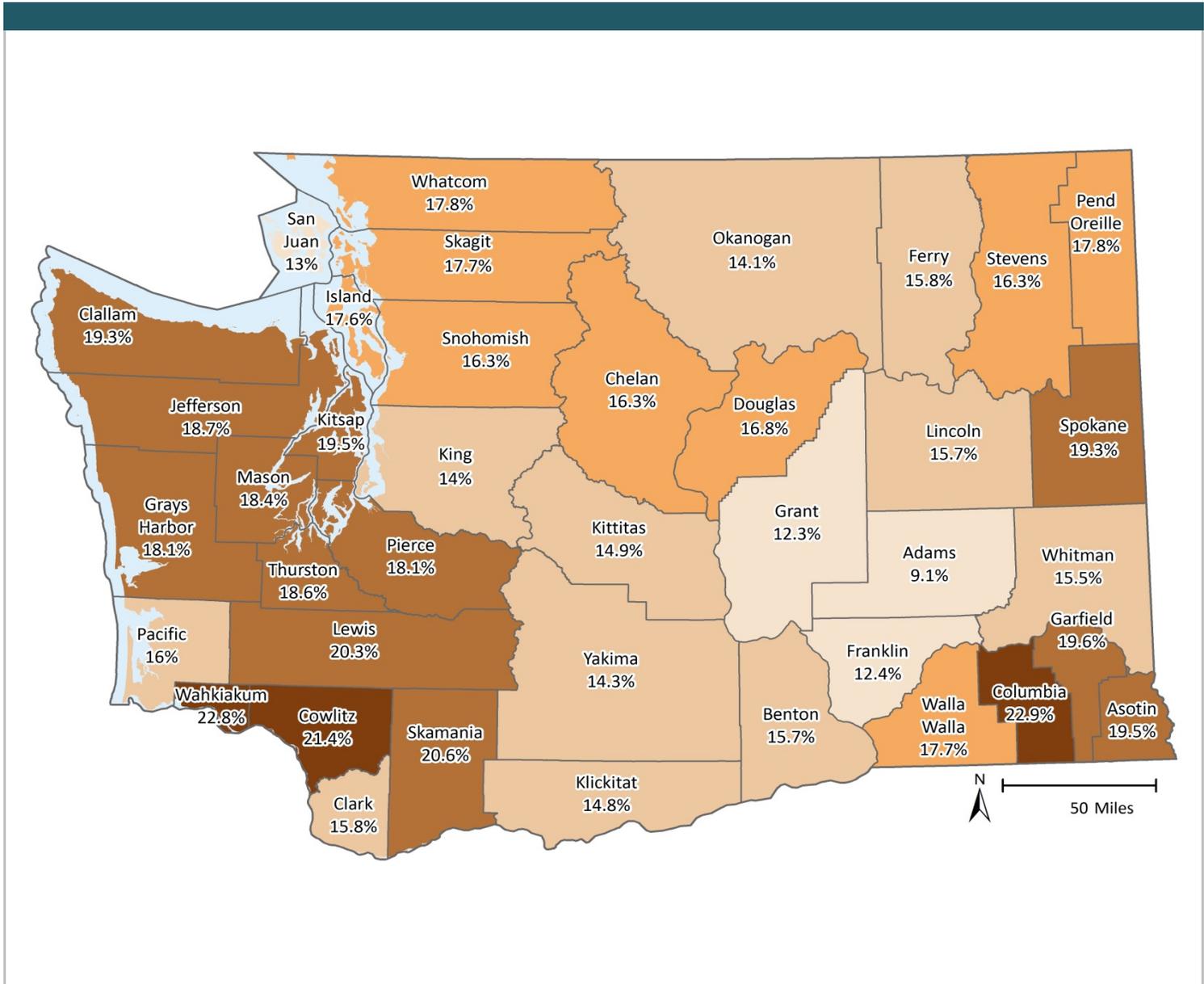
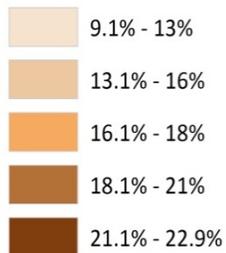
MARCH 2017

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

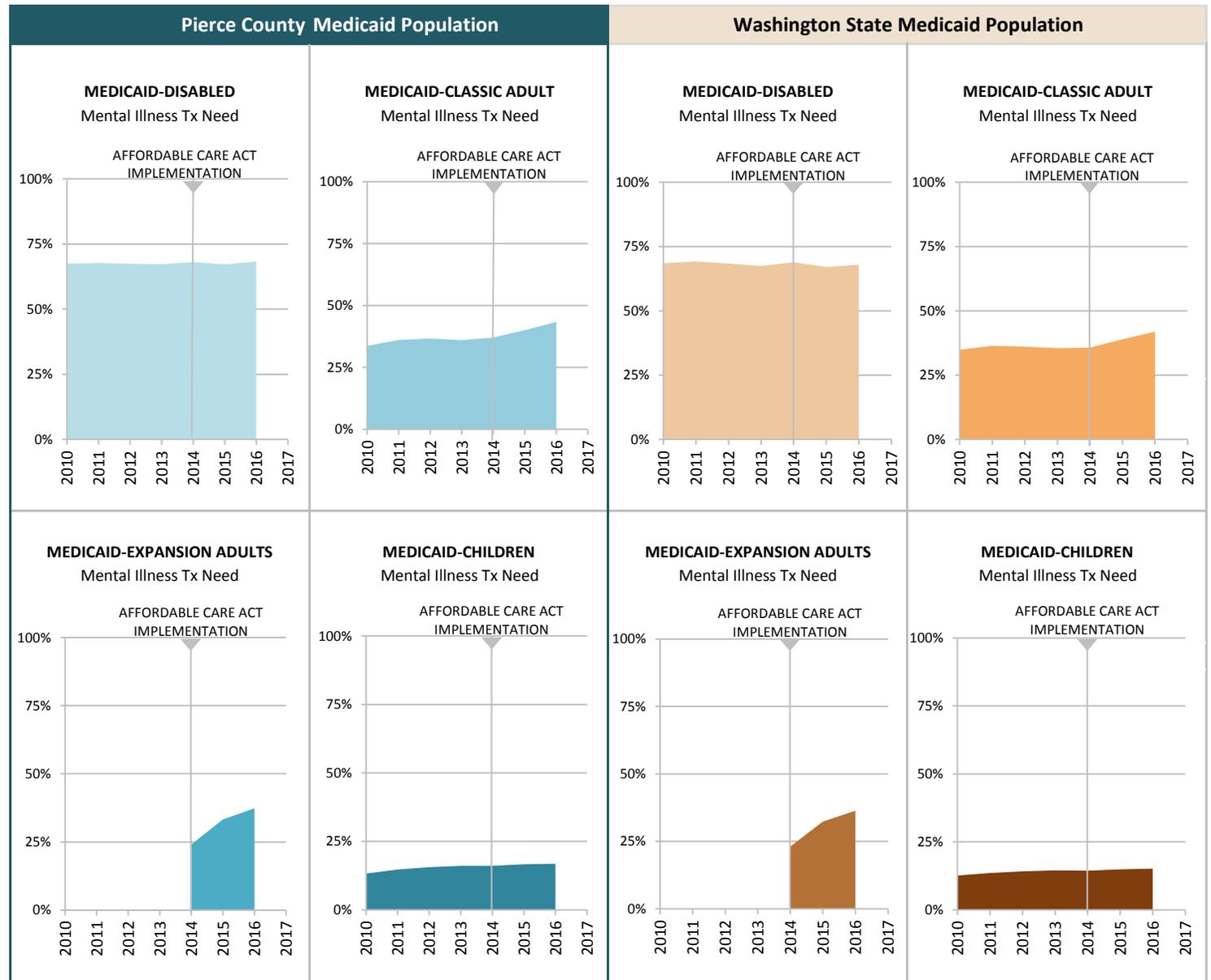
STATE:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	67.5%	67.7%	67.4%	67.3%	68.1%	67.2%	68.3%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	11,318	11,684	12,273	12,808	12,196	9,671	9,785		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	33.6%	36.0%	36.6%	36.0%	37.0%	40.0%	43.3%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	8,712	10,019	10,421	10,179	10,878	11,820	12,167		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					24.1%	33.3%	37.4%							23.1%	32.3%	36.4%
Persons w/MI Tx Need					9,838	23,357	30,074							83,208	193,369	243,541
Total persons					40,838	70,182	80,499							360,507	597,946	669,713
Medicaid-Children	13.2%	14.7%	15.6%	16.1%	16.1%	16.7%	16.8%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	9,852	11,530	12,629	13,326	13,910	15,034	16,069		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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*

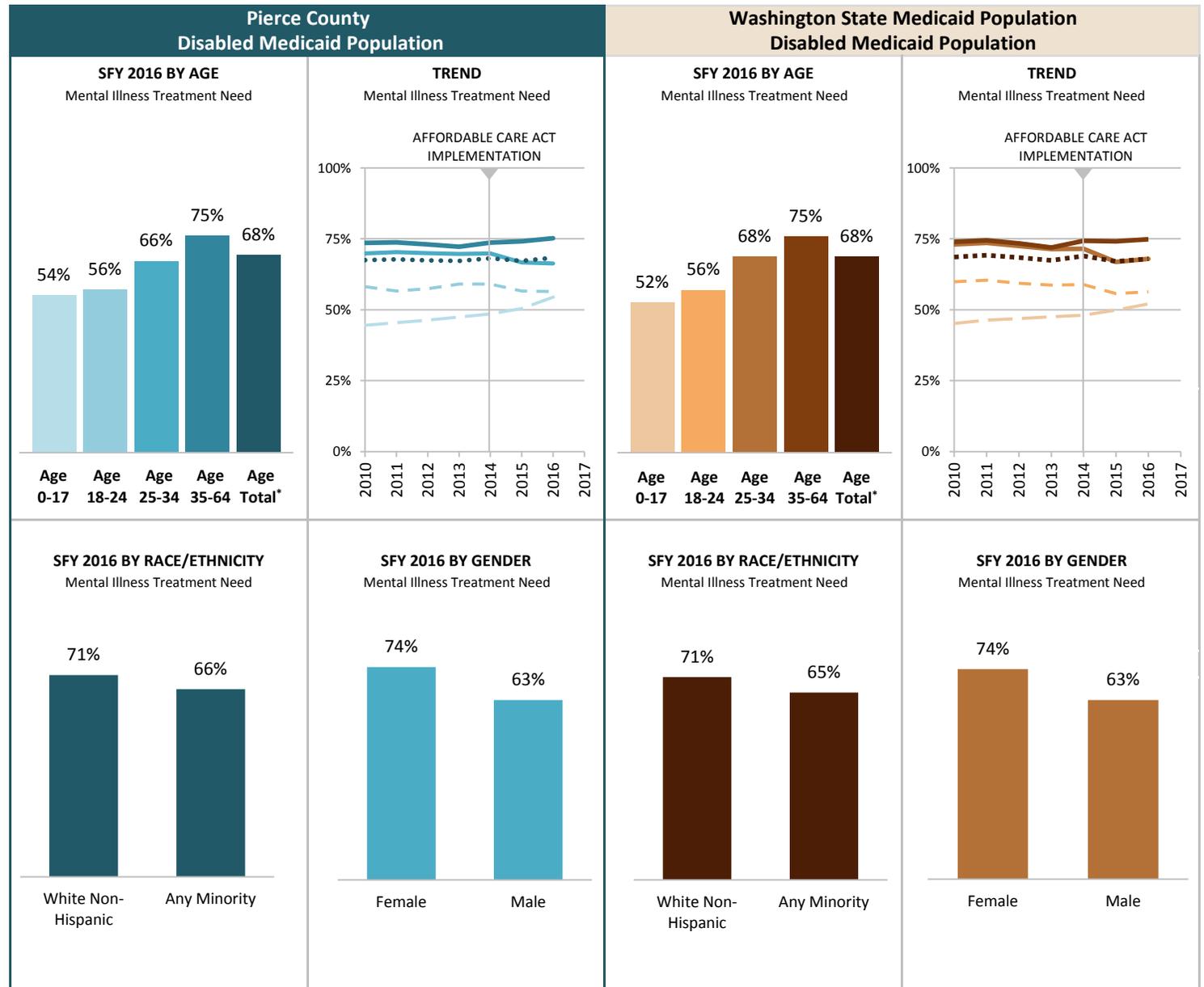
STATE:

- 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

	Pierce 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	44.5%	45.4%	46.4%	47.5%	48.5%	50.4%	54.4%		45.1%	46.4%	46.9%	47.5%	48.1%	49.9%	52.1%	
Persons w/MI Tx Need	1,030	1,066	1,164	1,252	1,297	1,328	1,474		7,574	8,025	8,442	8,813	8,896	9,186	9,806	
Total persons	2,313	2,346	2,510	2,637	2,672	2,634	2,710		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/MI Tx Need	58.2%	56.6%	57.5%	59.0%	59.0%	56.6%	56.4%		59.9%	60.4%	59.4%	58.7%	58.9%	55.7%	56.3%	
Persons w/MI Tx Need	961	955	990	1,012	930	734	737		7,445	7,558	7,455	7,482	6,992	5,450	5,421	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/MI Tx Need	69.8%	70.3%	69.9%	69.7%	69.9%	66.6%	66.3%		73.0%	73.6%	72.5%	71.4%	71.5%	66.9%	67.9%	
Persons w/MI Tx Need	1,632	1,701	1,770	1,852	1,762	1,306	1,286		12,368	12,873	13,297	13,823	13,168	9,120	9,250	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/MI Tx Need	73.5%	73.7%	73.0%	72.2%	73.6%	74.2%	75.2%		73.9%	74.5%	73.4%	72.0%	74.3%	74.1%	74.9%	
Persons w/MI Tx Need	7,695	7,962	8,349	8,692	8,207	6,303	6,288		58,202	60,490	62,655	64,587	62,365	44,998	44,303	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/MI Tx Need	67.5%	67.7%	67.4%	67.3%	68.1%	67.2%	68.3%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	11,318	11,684	12,273	12,808	12,196	9,671	9,785		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	73.8%	75.1%	74.6%	76.0%	76.3%	78.2%	76.8%		74.7%	76.2%	75.0%	74.1%	75.2%	74.4%	74.3%	
Persons w/MI Tx Need	1,082	1,142	1,180	1,292	1,251	1,057	1,021		9,456	9,902	10,080	10,362	9,972	7,743	7,510	
Total persons	1,466	1,520	1,582	1,699	1,640	1,351	1,330		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/MI Tx Need	59.1%	59.2%	60.8%	61.2%	62.3%	64.7%	62.7%		60.8%	62.0%	62.1%	61.0%	62.2%	62.1%	62.1%	
Persons w/MI Tx Need	673	672	700	732	693	591	552		3,748	3,922	3,996	4,124	3,982	3,136	3,096	
Total persons	1,139	1,136	1,152	1,196	1,112	913	880		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/MI Tx Need	64.6%	65.3%	65.5%	65.5%	65.8%	65.4%	66.4%		68.0%	69.0%	68.5%	67.8%	68.6%	66.1%	67.4%	
Persons w/MI Tx Need	2,266	2,397	2,595	2,722	2,638	2,222	2,263		10,692	11,405	12,084	12,609	12,357	9,453	9,644	
Total persons	3,506	3,672	3,963	4,155	4,008	3,396	3,407		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/MI Tx Need	52.8%	52.5%	52.1%	55.7%	57.1%	53.3%	54.1%		57.4%	59.0%	59.1%	59.0%	59.5%	57.8%	60.0%	
Persons w/MI Tx Need	302	315	340	383	372	299	298		1,536	1,715	1,794	1,935	1,928	1,507	1,564	
Total persons	572	600	653	687	651	561	551		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/MI Tx Need	57.4%	57.3%	56.3%	59.0%	61.0%	57.8%	62.0%		55.5%	57.0%	57.1%	56.8%	58.2%	56.4%	58.9%	
Persons w/MI Tx Need	662	694	744	833	831	681	761		6,632	7,330	7,950	8,430	8,384	6,833	7,196	
Total persons	1,154	1,211	1,322	1,412	1,362	1,179	1,227		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/MI Tx Need	71.1%	71.0%	71.0%	70.4%	71.2%	69.9%	71.4%		71.3%	71.8%	70.9%	69.9%	71.6%	70.0%	70.7%	
Persons w/MI Tx Need	662	694	744	833	831	681	761		55,989	57,443	58,839	60,416	58,016	42,681	42,349	
Total persons	9,241	9,476	9,871	10,288	9,612	7,484	7,420		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/MI Tx Need	64.5%	65.1%	64.7%	65.2%	65.9%	65.6%	66.4%		65%	66%	66%	65%	66%	64%	65%	
Persons w/MI Tx Need	4,656	4,848	5,148	5,460	5,254	4,344	4,385		28,981	30,796	32,246	33,509	32,670	25,492	25,766	
Total persons	7,217	7,447	7,953	8,374	7,969	6,621	6,601		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/MI Tx Need	72.7%	72.6%	72.6%	72.7%	74.1%	73.6%	74.2%		73.4%	74.0%	73.5%	72.8%	74.3%	72.9%	73.5%	
Persons w/MI Tx Need	6,108	6,189	6,509	6,758	6,387	5,154	5,141		45,213	46,818	48,086	49,183	47,126	36,082	35,556	
Total persons	8,406	8,519	8,961	9,296	8,623	7,000	6,924		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/MI Tx Need	62.3%	62.9%	62.4%	62.1%	62.5%	61.1%	62.8%		63.8%	64.6%	63.5%	62.5%	63.9%	61.6%	62.8%	
Persons w/MI Tx Need	5,210	5,495	5,764	6,050	5,809	4,517	4,644		40,376	42,128	43,763	45,522	44,295	32,672	33,224	
Total persons	8,360	8,731	9,240	9,749	9,291	7,391	7,397		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Mental Illness Treatment Need Rates

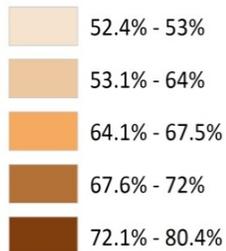
Among Medicaid-Disabled Youth and Adults, by County

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.

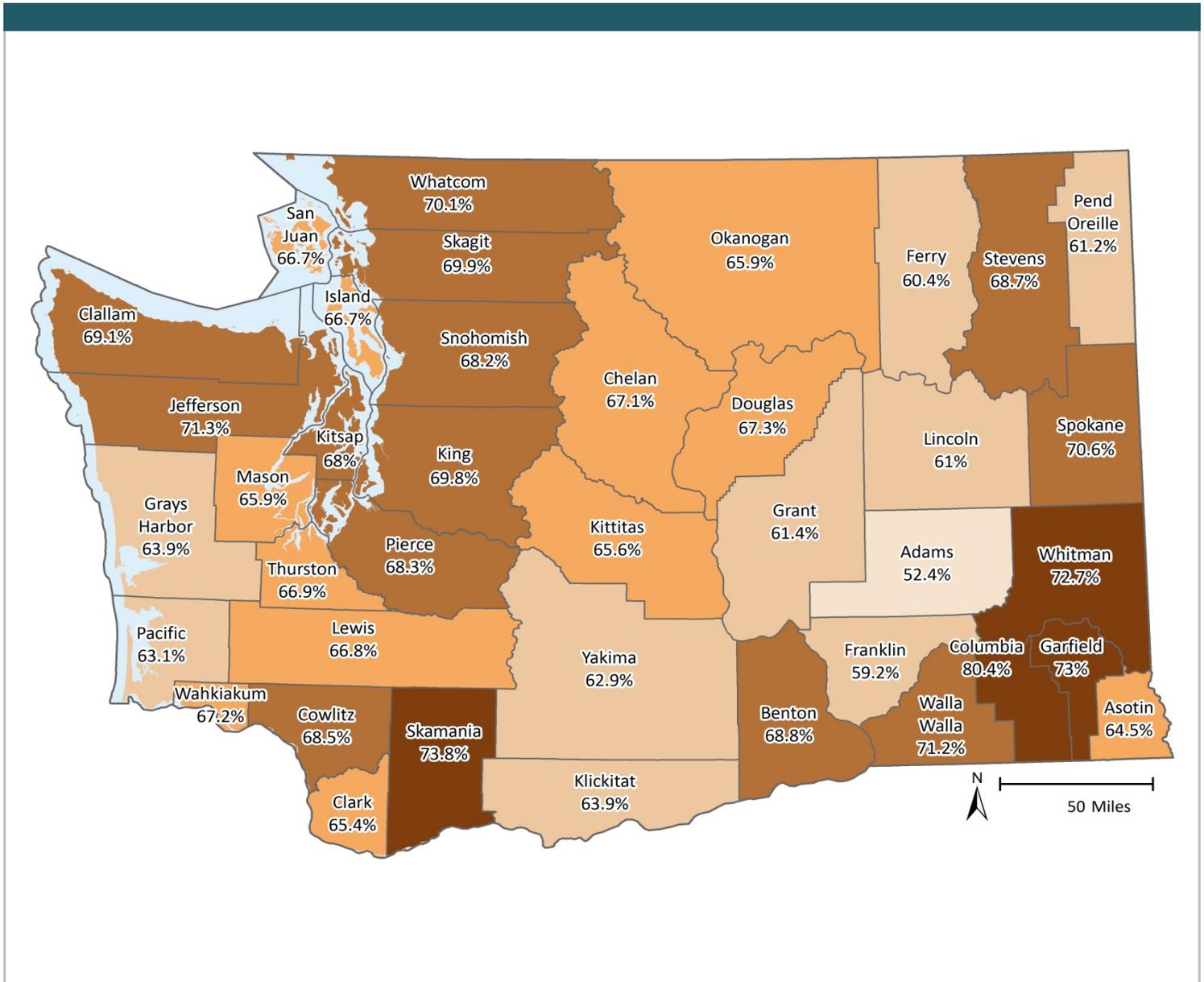
Percent of Medicaid-Disabled Youth and Adults with Mental Illness Tx Need



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*

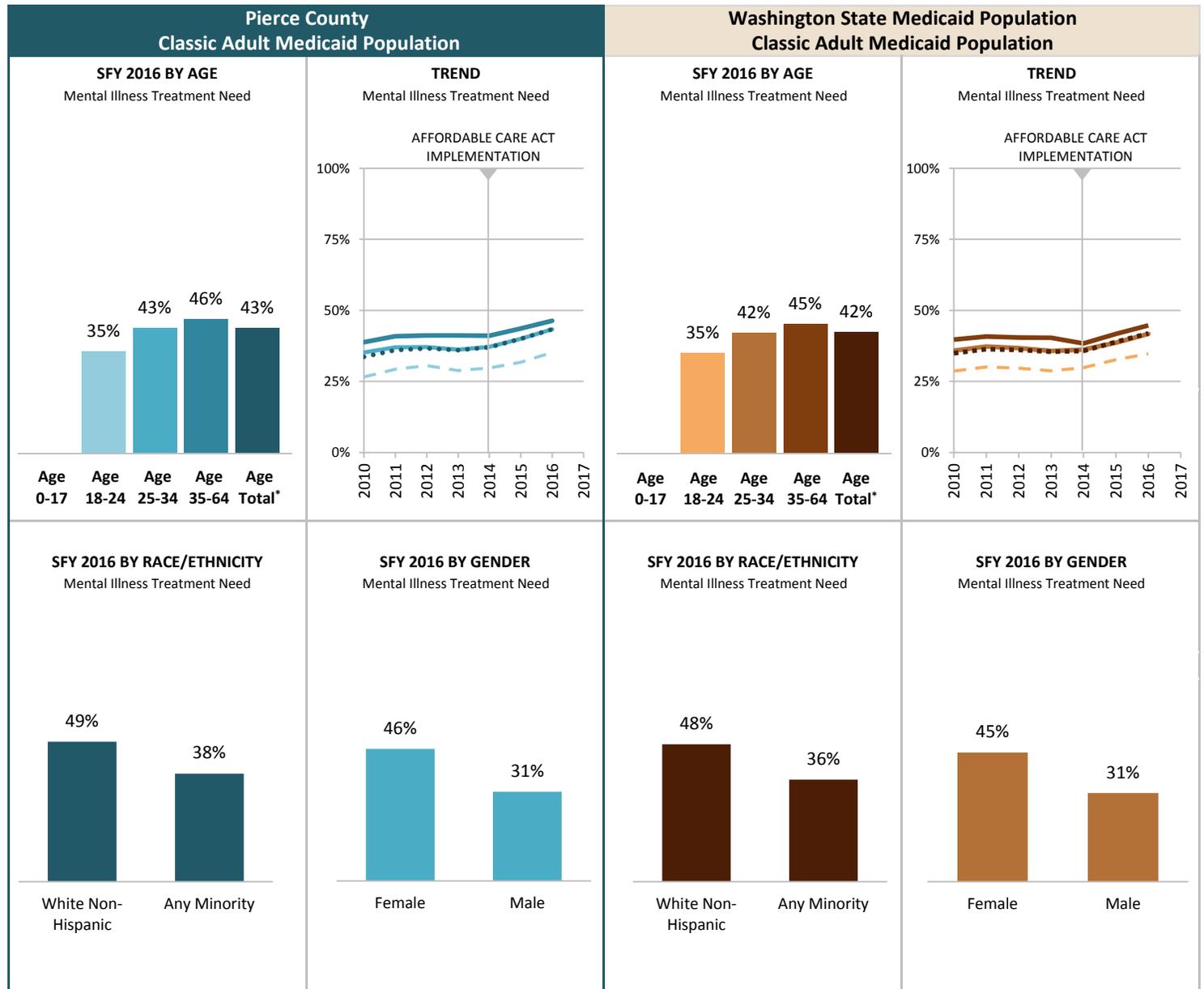
STATE:

- 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

	Pierce 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	26.6%	29.3%	30.6%	28.8%	29.7%	31.8%	35.2%		28.7%	30.1%	29.7%	28.7%	29.8%	32.6%	34.7%	
Persons w/MI Tx Need	2,026	2,245	2,254	1,942	1,787	1,585	1,461		15,375	16,033	14,930	13,440	12,554	11,331	10,376	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/MI Tx Need	35.2%	37.0%	37.1%	36.2%	37.2%	40.0%	43.4%		35.8%	37.3%	36.7%	35.8%	36.2%	38.7%	41.7%	
Persons w/MI Tx Need	3,939	4,489	4,698	4,679	4,955	5,396	5,593		28,470	31,662	31,287	30,377	32,525	35,327	36,407	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/MI Tx Need	38.8%	40.9%	41.2%	41.2%	41.1%	43.7%	46.3%		39.8%	40.8%	40.5%	40.4%	38.3%	41.8%	44.7%	
Persons w/MI Tx Need	2,747	3,285	3,469	3,558	4,136	4,839	5,113		21,490	23,840	24,285	24,437	29,616	36,246	38,210	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/MI Tx Need	33.6%	36.0%	36.6%	36.0%	37.0%	40.0%	43.3%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	8,712	10,019	10,421	10,179	10,878	11,820	12,167		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	45.6%	47.4%	48.2%	46.7%	48.9%	52.6%	56.7%		46.5%	47.5%	46.8%	46.0%	47.2%	50.5%	53.6%	
Persons w/MI Tx Need	869	932	1,002	978	999	1,059	1,027		7,306	7,620	7,435	7,139	7,323	7,455	7,387	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/MI Tx Need	24.0%	24.3%	26.7%	26.1%	25.0%	27.6%	30.5%		22.5%	22.9%	23.7%	23.4%	21.8%	24.1%	26.6%	
Persons w/MI Tx Need	391	429	484	483	521	611	640		2,012	2,256	2,464	2,448	2,794	3,336	3,539	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/MI Tx Need	32.9%	35.6%	35.6%	34.4%	37.1%	39.9%	43.3%		31.3%	33.3%	32.6%	31.5%	32.7%	35.4%	38.0%	
Persons w/MI Tx Need	1,601	1,878	1,915	1,849	1,964	2,061	2,083		6,407	7,327	7,285	7,088	7,623	7,997	8,081	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,628	21,247	
Hawaiian/PI w/MI Tx Need	20.1%	20.1%	19.8%	19.7%	21.8%	23.8%	25.2%		21.3%	22.5%	22.2%	21.6%	21.9%	24.2%	26.4%	
Persons w/MI Tx Need	339	363	381	393	475	553	583		1,406	1,619	1,703	1,734	2,028	2,430	2,552	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/MI Tx Need	28.2%	31.4%	32.3%	31.2%	31.7%	34.6%	37.5%		28.4%	29.5%	29.6%	28.9%	28.7%	32.5%	35.0%	
Persons w/MI Tx Need	741	927	1,027	995	1,117	1,292	1,355		7,938	8,918	9,178	8,972	10,522	12,537	12,907	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/MI Tx Need	37.8%	40.5%	41.0%	40.6%	41.5%	45.0%	49.0%		38.8%	40.6%	40.3%	39.9%	40.6%	44.4%	47.9%	
Persons w/MI Tx Need	741	927	1,027	995	1,117	1,292	1,355		42,400	46,084	45,054	43,542	47,321	52,141	53,278	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/MI Tx Need	30.1%	32.1%	32.8%	31.8%	32.9%	35.4%	37.9%		31%	32%	32%	31%	30%	33%	36%	
Persons w/MI Tx Need	3,335	3,841	4,076	3,994	4,300	4,736	4,793		22,085	24,464	24,585	23,928	26,494	29,661	30,248	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/MI Tx Need	36.8%	39.5%	40.1%	39.7%	40.3%	43.0%	46.2%		38.0%	39.7%	39.3%	38.6%	39.1%	42.2%	45.0%	
Persons w/MI Tx Need	7,516	8,541	8,844	8,754	9,281	10,181	10,488		55,194	59,991	59,188	57,534	62,765	69,738	71,499	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/MI Tx Need	21.8%	23.8%	24.7%	22.8%	25.0%	27.8%	31.2%		24.1%	25.4%	25.2%	24.8%	24.5%	27.7%	30.9%	
Persons w/MI Tx Need	1,196	1,478	1,577	1,425	1,597	1,639	1,679		10,141	11,544	11,314	10,720	11,930	13,166	13,494	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		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

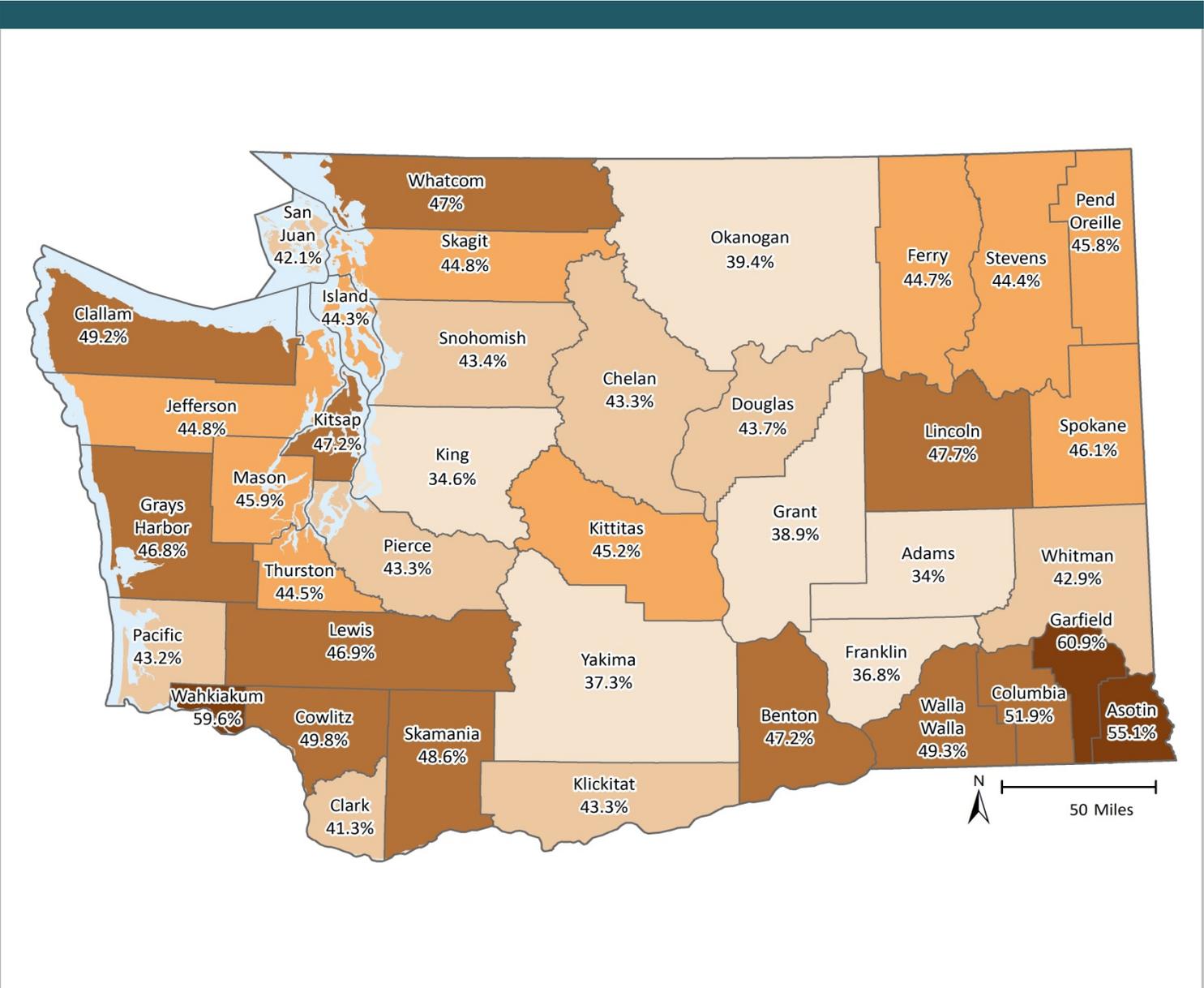
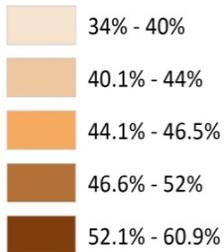
MARCH 2017

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*

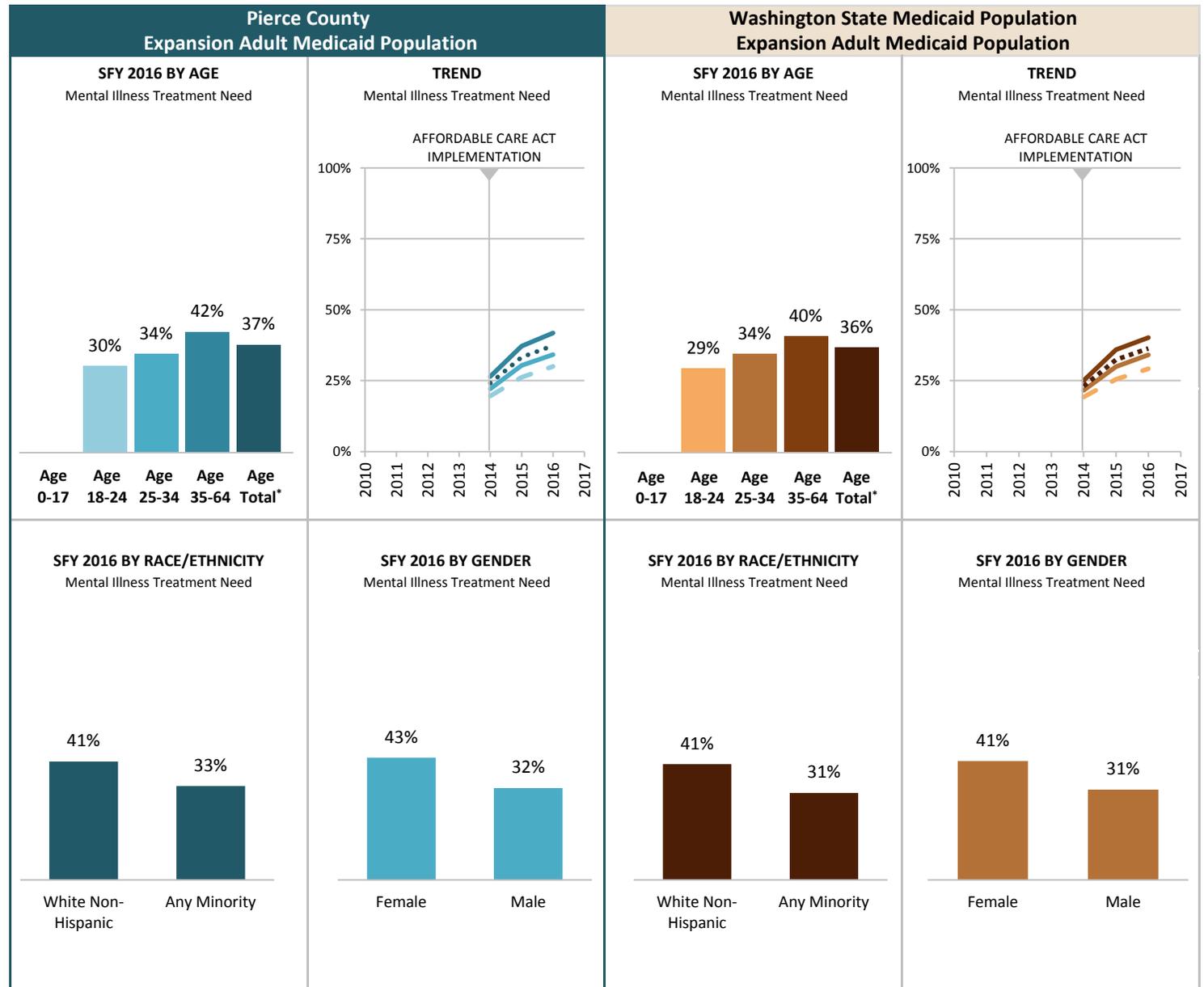
STATE:

- 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	Pierce 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					19.6%	26.2%	30.0%						19.3%	25.5%	29.2%	
Persons w/MI Tx Need					1,297	3,148	4,249						11,523	26,376	35,007	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/MI Tx Need					22.1%	30.4%	34.2%						21.6%	30.0%	34.1%	
Persons w/MI Tx Need					2,615	6,400	8,609						22,106	53,137	69,766	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/MI Tx Need					26.5%	37.2%	41.8%						25.0%	35.9%	40.2%	
Persons w/MI Tx Need					5,926	13,809	17,216						49,579	113,856	138,768	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total¹ w/MI Tx Need					24.1%	33.3%	37.4%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					9,838	23,357	30,074						83,208	193,369	243,541	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need					35.4%	46.3%	47.7%						35.5%	44.7%	47.3%	
Persons w/MI Tx Need					655	1,616	1,946						5,962	13,594	16,692	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/MI Tx Need					12.9%	20.2%	24.2%						11.1%	18.2%	21.8%	
Persons w/MI Tx Need					509	1,204	1,593						3,650	8,823	11,294	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/MI Tx Need					21.8%	31.6%	35.9%						19.4%	29.9%	33.2%	
Persons w/MI Tx Need					1,222	3,192	4,284						5,495	14,676	18,660	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/MI Tx Need					14.1%	21.5%	24.1%						14.2%	21.2%	24.5%	
Persons w/MI Tx Need					268	783	1,096						1,627	4,325	5,743	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/MI Tx Need					19.6%	28.7%	33.0%						17.3%	26.0%	30.3%	
Persons w/MI Tx Need					772	2,015	2,727						9,053	22,001	29,358	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/MI Tx Need					27.4%	37.0%	41.4%						26.9%	36.5%	40.7%	
Persons w/MI Tx Need					772	2,015	2,727						58,254	131,865	163,838	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/MI Tx Need					20.0%	29.0%	32.8%						18%	27%	31%	
Persons w/MI Tx Need					3,105	7,888	10,345						23,326	57,043	73,298	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/MI Tx Need					27.8%	38.3%	42.6%						26.5%	36.8%	41.4%	
Persons w/MI Tx Need					5,751	13,362	17,161						47,466	107,650	135,980	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/MI Tx Need					20.3%	28.3%	32.1%						19.7%	28.1%	31.5%	
Persons w/MI Tx Need					4,087	9,995	12,913						35,742	85,719	107,561	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

Mental Illness Treatment Need Rates

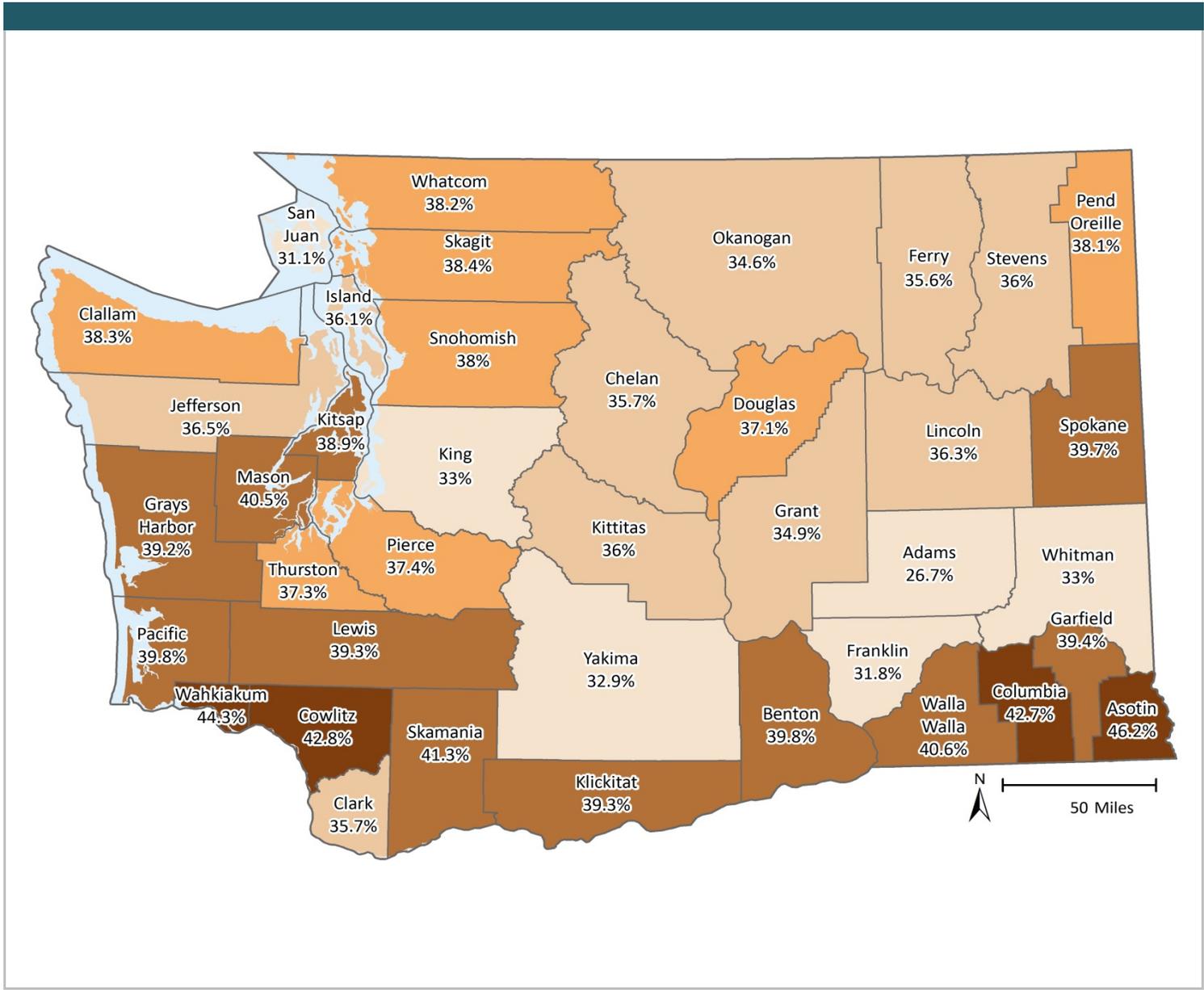
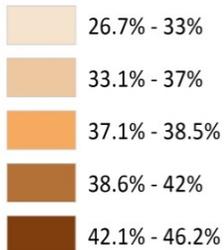
Among Medicaid-Expansion Adults, by County

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.

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*

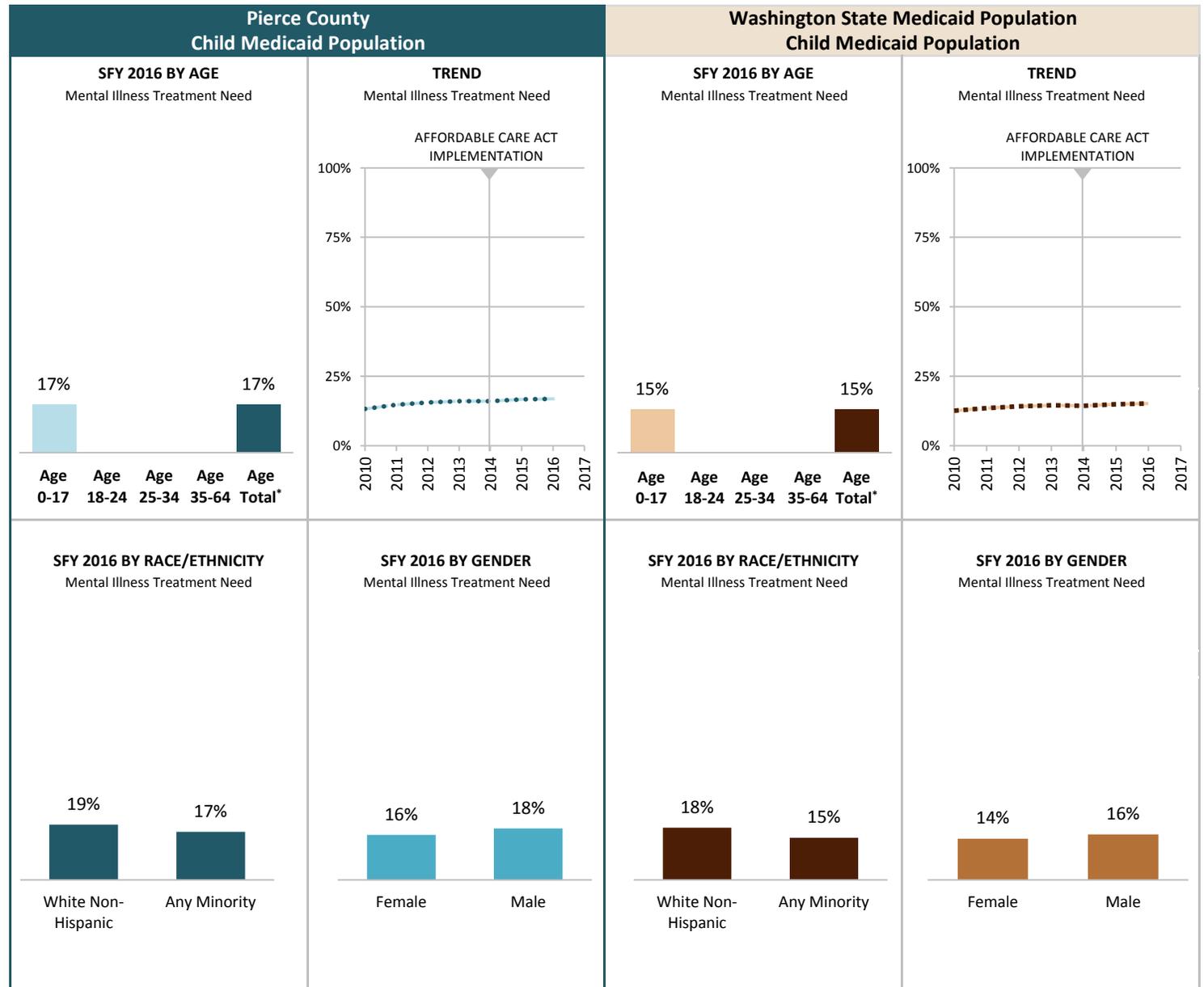
STATE:

- 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

	Pierce 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	13.2%	14.7%	15.6%	16.1%	16.1%	16.7%	16.8%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	9,852	11,530	12,629	13,326	13,910	15,034	16,069		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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	13.2%	14.7%	15.6%	16.1%	16.1%	16.7%	16.8%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	9,852	11,530	12,629	13,326	13,910	15,034	16,069		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	23.4%	24.5%	26.1%	25.9%	27.1%	27.7%	27.8%		25.0%	25.5%	26.1%	26.6%	26.6%	27.0%	27.2%	
Persons w/MI Tx Need	1,169	1,243	1,363	1,388	1,454	1,499	1,538		10,124	10,518	10,803	11,016	10,988	11,075	11,107	
Total persons	4,994	5,070	5,232	5,359	5,358	5,405	5,540		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/MI Tx Need	9.5%	11.5%	12.5%	12.4%	12.0%	12.7%	13.0%		8.2%	9.2%	10.1%	10.5%	10.4%	11.0%	11.4%	
Persons w/MI Tx Need	515	668	752	780	824	894	931		2,945	3,535	4,027	4,280	4,588	5,018	5,242	
Total persons	5,439	5,792	6,017	6,266	6,844	7,050	7,170		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/MI Tx Need	15.1%	17.6%	18.4%	19.1%	19.3%	19.7%	19.7%		15.2%	16.5%	16.9%	17.1%	17.1%	17.6%	17.7%	
Persons w/MI Tx Need	2,166	2,580	2,767	2,926	3,039	3,195	3,341		9,732	10,966	11,601	11,996	12,406	12,998	13,410	
Total persons	14,324	14,662	15,002	15,296	15,757	16,198	16,923		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/MI Tx Need	8.5%	10.2%	10.7%	11.6%	11.5%	11.5%	11.1%		8.5%	9.4%	10.3%	10.7%	10.9%	11.2%	11.1%	
Persons w/MI Tx Need	429	543	608	697	738	798	847		2,047	2,482	2,869	3,122	3,356	3,641	3,824	
Total persons	5,055	5,347	5,660	6,029	6,442	6,969	7,629		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/MI Tx Need	11.0%	12.9%	13.9%	15.2%	15.6%	16.2%	16.4%		9.3%	10.7%	11.7%	12.2%	12.4%	13.2%	13.7%	
Persons w/MI Tx Need	1,708	2,088	2,343	2,616	2,792	3,091	3,297		17,602	21,231	23,874	25,391	26,865	29,350	31,475	
Total persons	15,517	16,209	16,916	17,162	17,940	19,026	20,086		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/MI Tx Need	15.8%	16.9%	17.8%	18.1%	17.9%	18.8%	19.4%		15.6%	16.5%	17.0%	17.4%	17.1%	17.7%	18.3%	
Persons w/MI Tx Need	1,708	2,088	2,343	2,616	2,792	3,091	3,297		41,012	45,050	46,938	48,308	50,093	53,199	56,192	
Total persons	30,261	31,965	33,024	33,676	35,147	36,258	37,419		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/MI Tx Need	12.7%	14.6%	15.4%	16.1%	16.3%	16.7%	16.9%		11%	13%	13%	14%	14%	14%	15%	
Persons w/MI Tx Need	4,900	5,841	6,405	6,869	7,246	7,772	8,265		36,497	41,975	45,769	47,952	49,979	53,474	56,412	
Total persons	38,651	40,120	41,501	42,541	44,532	46,531	48,916		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/MI Tx Need	11.7%	13.2%	14.0%	14.4%	14.7%	15.4%	15.7%		11.4%	12.3%	12.8%	13.3%	13.3%	14.0%	14.4%	
Persons w/MI Tx Need	4,333	5,110	5,625	5,913	6,288	6,920	7,422		35,149	39,693	42,300	44,175	46,483	50,562	54,303	
Total persons	36,924	38,810	40,144	40,988	42,877	44,803	47,231		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/MI Tx Need	14.7%	16.3%	17.2%	17.7%	17.4%	17.8%	18.0%		13.8%	14.8%	15.5%	15.8%	15.5%	15.8%	15.9%	
Persons w/MI Tx Need	5,519	6,420	7,004	7,413	7,622	8,114	8,647		43,448	49,025	52,319	54,039	55,738	58,681	61,752	
Total persons	37,431	39,493	40,829	41,904	43,691	45,483	48,164		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Mental Illness Treatment Need Rates

Among Medicaid-Children, by County

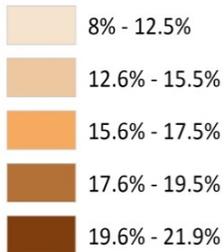
MARCH 2017

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.

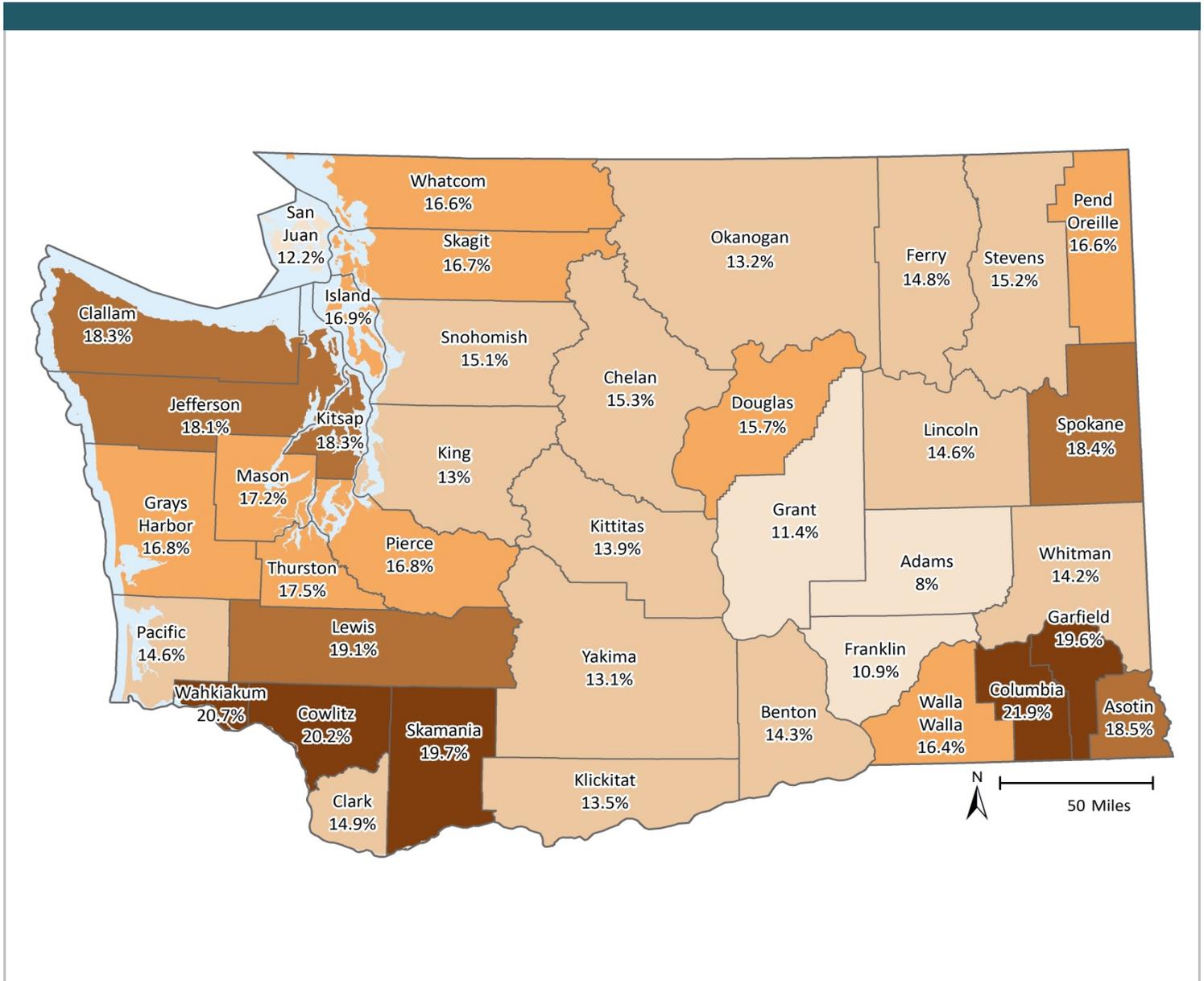
Percent of Medicaid-Children with Mental Illness Tx Need



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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	27.6%	29.4%	30.8%	31.4%	31.6%	30.4%	31.3%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx Need	4,232	4,648	5,126	5,464	5,141	3,884	3,977		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	14.4%	15.0%	15.6%	15.5%	15.3%	15.5%	16.8%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx Need	3,738	4,180	4,433	4,396	4,505	4,570	4,728		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					13.7%	17.8%	19.0%						12.3%	16.4%	17.6%	
Persons w/SUD Tx Need					5,586	12,503	15,277						44,496	98,286	117,882	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	4.5%	4.5%	4.5%	4.8%	4.5%	4.4%	4.1%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	870	934	972	1,079	1,074	1,104	1,099		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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*

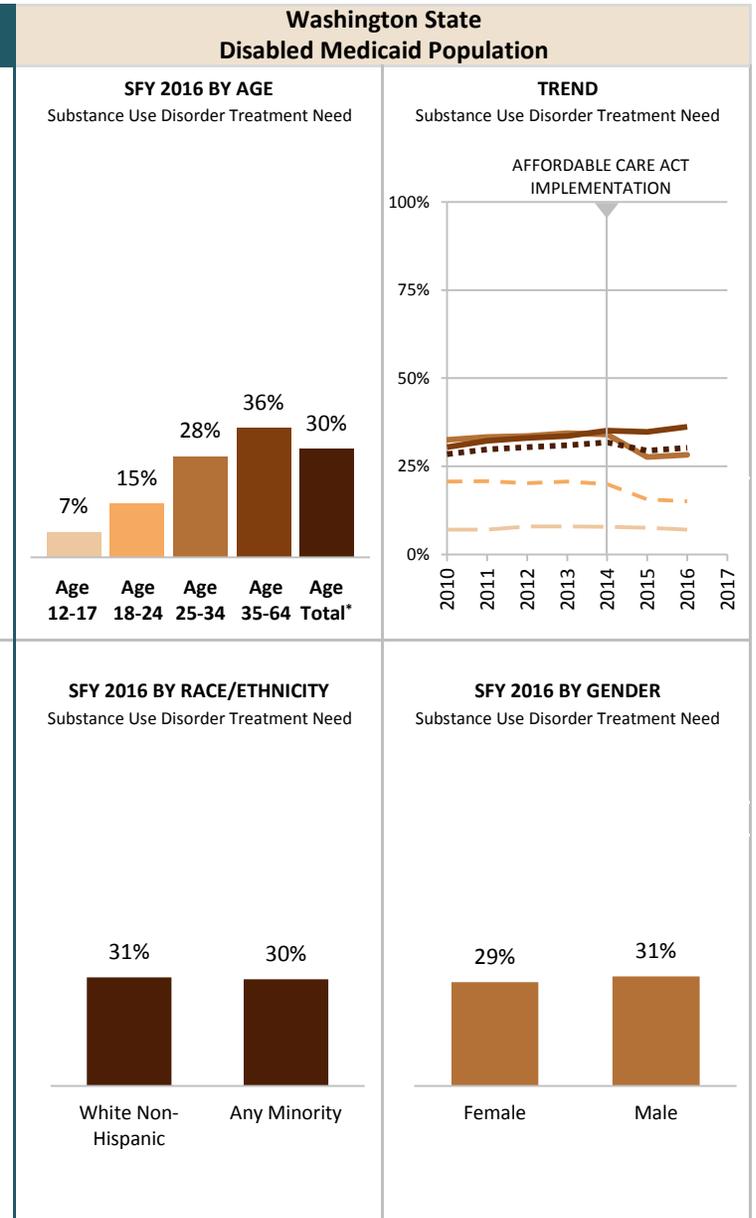
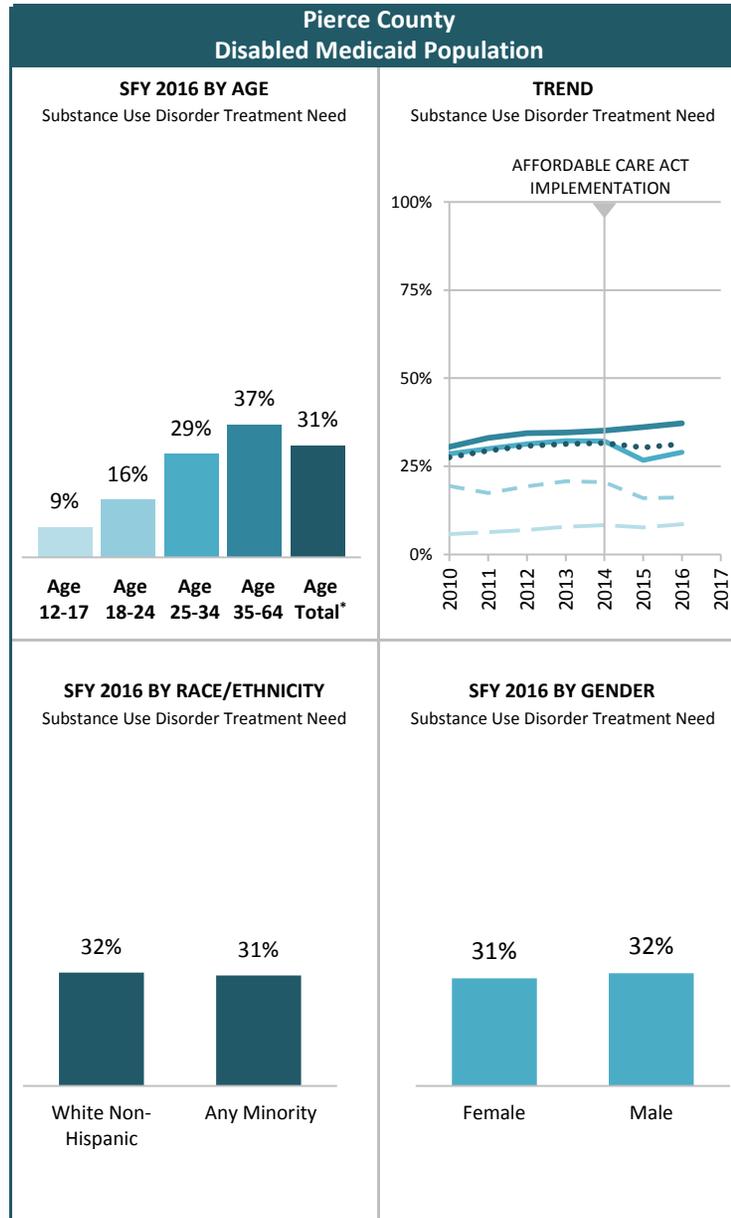
STATE:

- 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	Pierce 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	5.8%	6.3%	6.9%	7.9%	8.3%	7.7%	8.6%		7.0%	7.1%	7.9%	8.0%	7.9%	7.6%	7.1%	
Persons w/SUD Tx Need	51	56	67	80	86	79	93		447	466	550	579	582	565	553	
Total persons	882	886	965	1,016	1,032	1,030	1,086		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/SUD Tx Need	19.4%	17.5%	19.3%	20.8%	20.6%	16.0%	16.1%		20.7%	20.8%	20.3%	20.7%	20.0%	15.6%	15.1%	
Persons w/SUD Tx Need	321	295	333	357	324	208	211		2,577	2,606	2,546	2,636	2,374	1,529	1,454	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/SUD Tx Need	28.5%	30.0%	31.3%	32.3%	32.2%	26.8%	29.0%		32.5%	33.3%	33.6%	34.4%	34.1%	27.6%	28.3%	
Persons w/SUD Tx Need	667	725	793	857	811	525	562		5,513	5,825	6,171	6,661	6,273	3,767	3,852	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/SUD Tx Need	30.5%	33.1%	34.4%	34.6%	35.2%	36.1%	37.2%		30.5%	32.2%	33.1%	33.6%	35.1%	34.8%	36.3%	
Persons w/SUD Tx Need	3,193	3,572	3,933	4,170	3,920	3,072	3,111		23,995	26,177	28,237	30,127	29,479	21,092	21,461	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/SUD Tx Need	27.6%	29.4%	30.8%	31.4%	31.6%	30.4%	31.3%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx need	4,232	4,648	5,126	5,464	5,141	3,884	3,977		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	40.5%	42.4%	42.1%	42.9%	43.4%	40.7%	41.5%		41.5%	42.8%	42.7%	43.3%	44.1%	42.3%	42.8%	
Persons w/SUD Tx Need	537	594	611	663	645	495	499		4,848	5,139	5,311	5,601	5,404	4,018	3,962	
Total persons	1,325	1,400	1,451	1,545	1,485	1,216	1,203		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/SUD Tx Need	13.2%	14.4%	16.9%	18.8%	19.5%	17.4%	19.2%		14.8%	16.0%	16.8%	17.8%	17.9%	15.4%	16.6%	
Persons w/SUD Tx Need	140	150	180	208	199	142	151		855	943	1,006	1,123	1,065	705	740	
Total persons	1,058	1,044	1,064	1,108	1,023	818	786		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/SUD Tx Need	33.0%	34.1%	34.8%	35.5%	35.3%	34.9%	34.5%		35.4%	36.4%	36.6%	37.0%	36.8%	33.8%	34.0%	
Persons w/SUD Tx Need	1,011	1,088	1,203	1,288	1,218	1,001	998		4,970	5,357	5,767	6,166	5,916	4,174	4,197	
Total persons	3,061	3,193	3,460	3,624	3,450	2,866	2,896		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Hawaiian/PI w/SUD Tx Need	21.6%	22.6%	22.0%	22.8%	23.4%	19.0%	21.0%		21.3%	22.3%	23.1%	23.1%	22.5%	18.3%	21.2%	
Persons w/SUD Tx Need	107	116	121	133	126	84	92		494	561	605	653	617	383	445	
Total persons	495	513	549	583	538	443	439		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/SUD Tx Need	25.1%	25.9%	25.4%	26.3%	27.2%	22.2%	24.4%		23.3%	24.8%	25.3%	24.9%	25.2%	21.5%	23.2%	
Persons w/SUD Tx Need	224	242	264	292	292	194	218		2,097	2,414	2,696	2,854	2,778	1,878	2,067	
Total persons	894	936	1,039	1,110	1,072	872	895		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/SUD Tx Need	26.7%	29.0%	30.9%	31.4%	31.4%	30.5%	32.0%		27.7%	29.2%	30.1%	30.8%	32.0%	29.8%	30.8%	
Persons w/SUD Tx Need	2,328	2,593	2,884	3,051	2,836	2,116	2,189		20,527	22,085	23,588	25,164	24,481	16,906	17,110	
Total persons	8,704	8,941	9,328	9,712	9,042	6,939	6,846		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/SUD Tx Need	29.6%	30.9%	31.5%	32.2%	32.6%	30.9%	31.2%		31%	32%	32%	32%	32%	30%	30%	
Persons w/SUD Tx Need	1,891	2,031	2,215	2,389	2,275	1,745	1,763		11,918	12,864	13,735	14,653	14,057	9,923	10,076	
Total persons	6,392	6,582	7,033	7,409	6,988	5,653	5,645		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/SUD Tx Need	24.1%	26.1%	27.7%	28.5%	29.0%	29.2%	30.6%		24.4%	25.7%	26.6%	27.2%	28.4%	28.1%	29.5%	
Persons w/SUD Tx Need	1,905	2,091	2,334	2,479	2,333	1,890	1,957		14,101	15,233	16,342	17,286	16,918	12,802	13,119	
Total persons	7,890	8,014	8,419	8,709	8,052	6,470	6,397		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/SUD Tx Need	31.3%	32.9%	33.9%	34.3%	34.2%	31.6%	32.1%		32.6%	34.0%	34.3%	34.6%	35.1%	30.8%	31.1%	
Persons w/SUD Tx Need	2,327	2,557	2,792	2,985	2,808	1,994	2,020		18,431	19,841	21,162	22,717	21,790	14,151	14,201	
Total persons	7,445	7,776	8,237	8,715	8,222	6,317	6,300		56,603	58,414	61,776	65,594	62,069	45,905	45,684	

Substance Use Disorder Treatment Need Rates Among Medicaid-Disabled Youth and Adults, by County

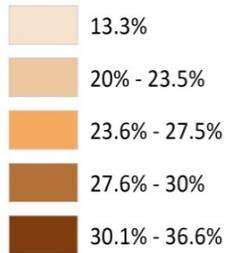
MARCH 2017

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.

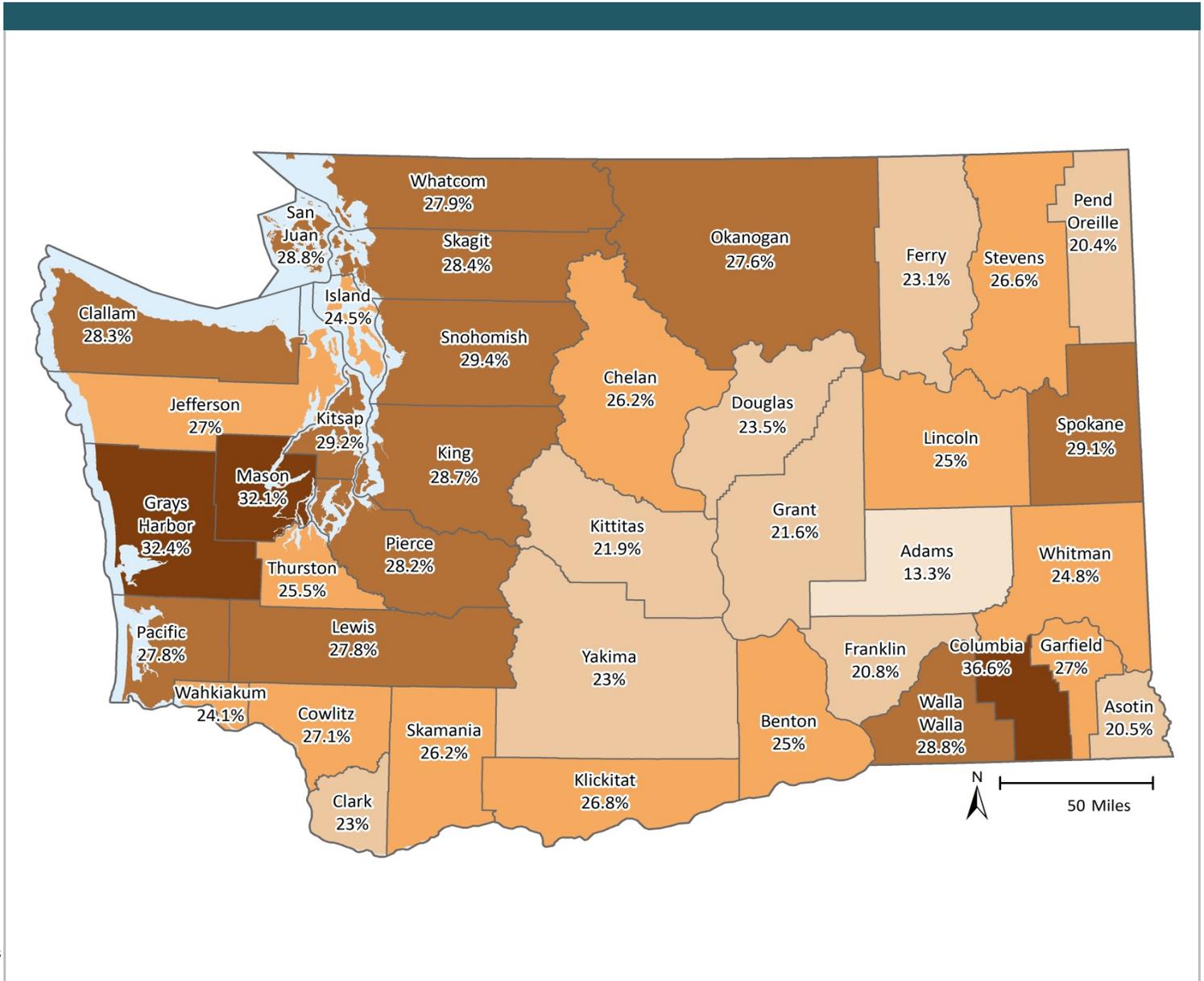
Percent of Medicaid-Disabled Youth and Adults with Substance Use Disorder Tx Need



SOURCE & POPULATION

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





Pierce 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*

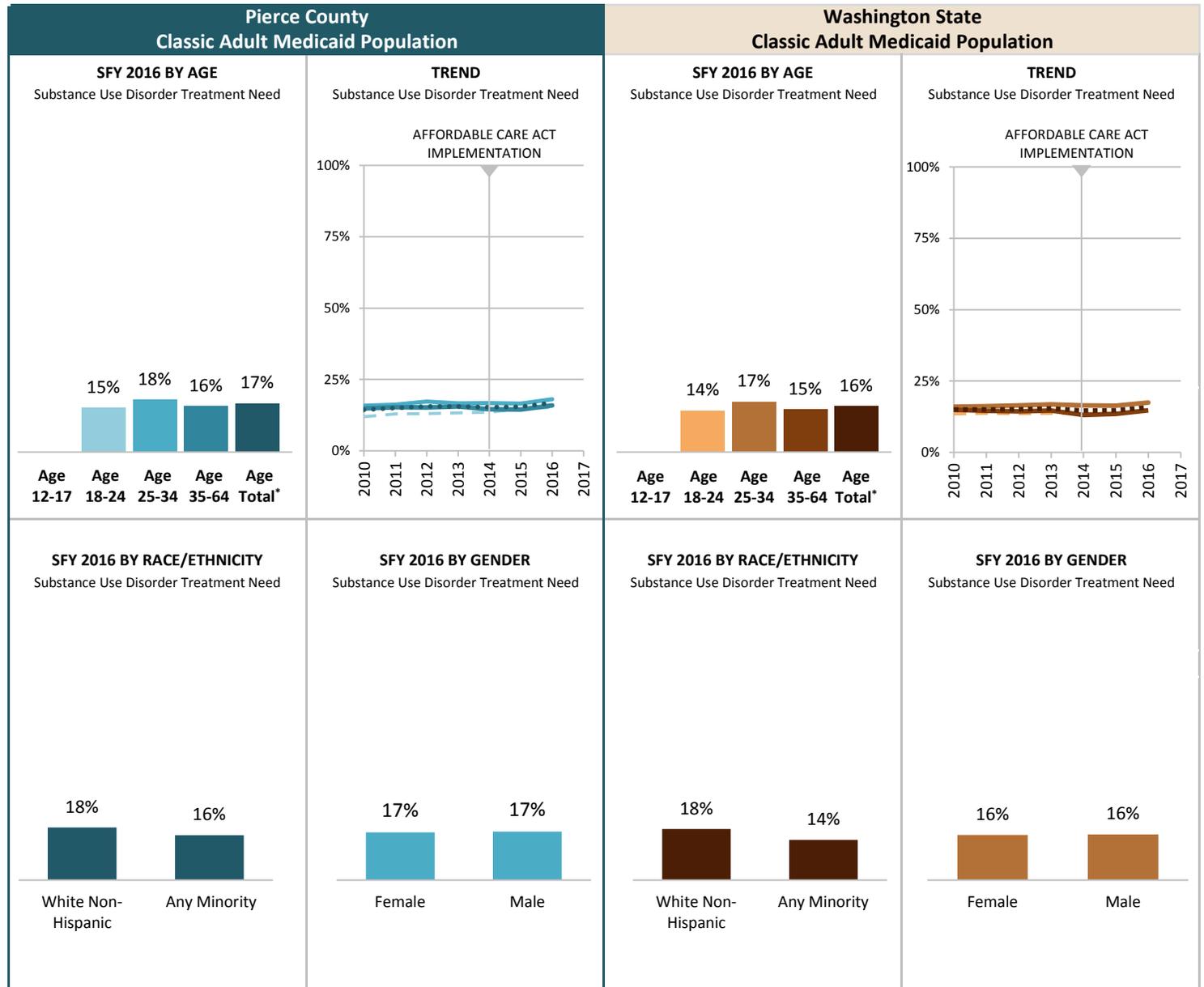
STATE:

- 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	Pierce 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	12.0%	12.9%	13.0%	13.3%	13.5%	14.7%	15.3%	13.5%	13.7%	13.5%	13.7%	13.6%	13.6%	14.3%		
Persons w/SUD Tx Need	914	990	959	897	814	732	635	7,255	7,270	6,809	6,406	5,740	4,723	4,276		
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152	53,642	53,226	50,282	46,798	42,062	34,728	29,874		
Age 25-34 w/SUD Tx Need	15.9%	16.2%	17.3%	16.7%	16.7%	16.6%	18.1%	16.0%	16.2%	16.5%	16.8%	16.5%	16.3%	17.5%		
Persons w/SUD Tx Need	1,777	1,966	2,192	2,155	2,224	2,232	2,335	12,715	13,723	14,035	14,300	14,820	14,935	15,275		
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896	79,426	84,872	85,154	84,954	89,881	91,384	87,322		
Age 35-64 w/SUD Tx Need	14.8%	15.3%	15.2%	15.5%	14.6%	14.5%	15.9%	14.9%	14.6%	14.4%	14.7%	13.1%	13.5%	14.7%		
Persons w/SUD Tx Need	1,047	1,224	1,282	1,344	1,467	1,606	1,758	8,073	8,493	8,614	8,876	10,132	11,718	12,599		
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035	54,048	58,368	59,987	60,533	77,257	86,785	85,486		
Age Total¹ w/SUD Tx Need	14.4%	15.0%	15.6%	15.5%	15.3%	15.5%	16.8%	15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%		
Persons w/SUD Tx Need	3,738	4,180	4,433	4,396	4,505	4,570	4,728	28,043	29,486	29,458	29,582	30,692	31,376	32,150		
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083	187,116	196,466	195,423	192,285	209,200	212,897	202,682		
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	27.4%	27.7%	29.5%	28.8%	30.1%	29.9%	29.2%	30.9%	30.6%	31.1%	31.3%	30.8%	30.9%	32.6%		
Persons w/SUD Tx Need	522	544	613	602	616	602	529	4,866	4,917	4,931	4,868	4,776	4,558	4,490		
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812	15,724	16,055	15,880	15,536	15,526	14,748	13,780		
Asian w/SUD Tx Need	11.3%	12.1%	12.7%	11.9%	11.4%	10.5%	10.8%	10.4%	10.1%	9.7%	10.0%	8.8%	8.1%	8.8%		
Persons w/SUD Tx Need	184	214	230	220	237	232	227	926	997	1,005	1,042	1,135	1,123	1,170		
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096	8,946	9,857	10,383	10,472	12,826	13,850	13,283		
Black w/SUD Tx Need	17.3%	18.1%	17.5%	16.9%	18.2%	18.3%	19.4%	15.1%	14.9%	14.6%	14.4%	14.5%	14.6%	15.6%		
Persons w/SUD Tx Need	842	953	939	907	963	943	936	3,085	3,282	3,257	3,241	3,382	3,309	3,320		
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814	8,946	9,857	10,383	10,472	12,826	13,850	13,283		
Hawaiian/PI w/SUD Tx Need	9.4%	10.6%	10.5%	10.3%	9.3%	8.9%	9.4%	10.4%	10.6%	10.4%	10.3%	9.7%	9.5%	10.0%		
Persons w/SUD Tx Need	158	191	202	205	203	206	219	689	762	800	822	899	958	967		
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318	6,597	7,206	7,668	8,012	9,280	10,049	9,680		
Hispanic w/SUD Tx Need	10.9%	11.9%	12.2%	12.0%	11.8%	11.7%	12.6%	11.8%	11.7%	11.5%	11.7%	10.4%	10.0%	10.9%		
Persons w/SUD Tx Need	286	352	387	383	416	435	454	3,301	3,541	3,580	3,648	3,814	3,871	4,026		
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610	27,981	30,192	31,042	31,071	36,696	38,578	36,904		
White Only w/SUD Tx Need	14.8%	15.3%	16.0%	16.2%	15.7%	16.2%	18.4%	15.3%	15.6%	15.8%	16.3%	15.9%	16.5%	17.9%		
Persons w/SUD Tx Need	2,048	2,269	2,423	2,422	2,445	2,499	2,703	16,743	17,696	17,638	17,801	18,587	19,364	19,911		
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667	109,240	113,562	111,810	109,193	116,622	117,491	111,271		
Any Minority w/SUD Tx Need	15.0%	15.8%	16.0%	15.5%	15.5%	15.3%	15.7%	16%	15.5%	15%	15%	14%	13%	14%		
Persons w/SUD Tx Need	1,665	1,888	1,983	1,946	2,034	2,042	1,986	11,154	11,650	11,690	11,663	11,975	11,853	12,006		
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647	71,412	76,204	77,640	77,666	87,020	89,353	84,953		
Population by Gender																
Females w/SUD Tx Need	13.3%	14.0%	14.9%	15.1%	15.1%	15.4%	16.8%	13.8%	13.9%	14.2%	14.6%	14.3%	14.6%	15.8%		
Persons w/SUD Tx Need	2,713	3,025	3,279	3,325	3,477	3,649	3,813	19,959	21,011	21,389	21,744	22,974	24,185	25,160		
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705	145,117	150,966	150,554	149,017	160,506	165,344	158,994		
Males w/SUD Tx Need	18.7%	18.6%	18.1%	17.1%	16.1%	15.6%	17.0%	19.2%	18.6%	18.0%	18.1%	15.9%	15.1%	16.0%		
Persons w/SUD Tx Need	1,025	1,155	1,154	1,071	1,028	921	915	8,084	8,475	8,069	7,838	7,718	7,191	6,990		
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378	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

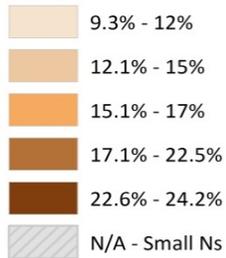
MARCH 2017

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.

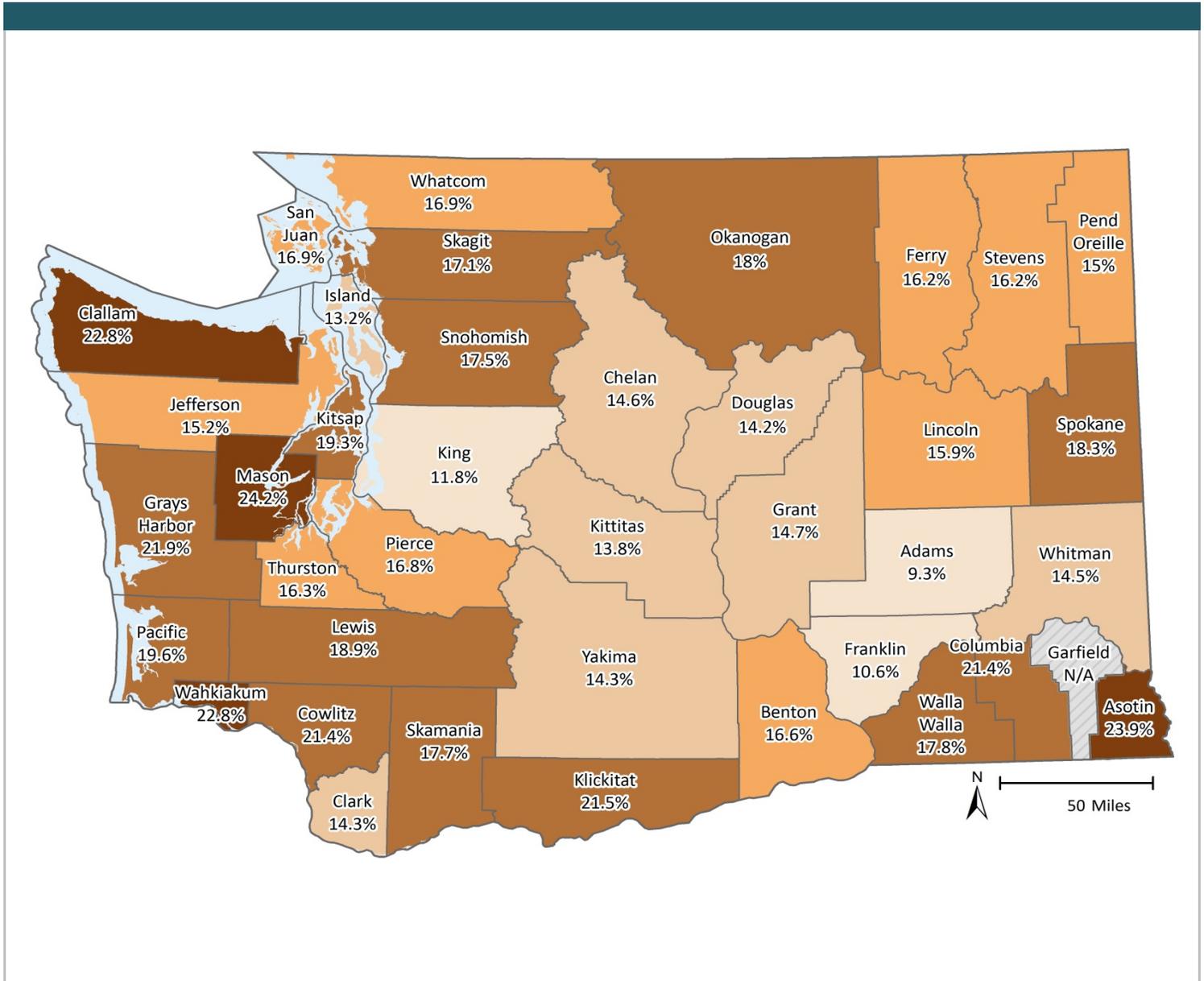
Percent of Medicaid-Classic Adults with Substance Use Disorder Tx Need



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.



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*

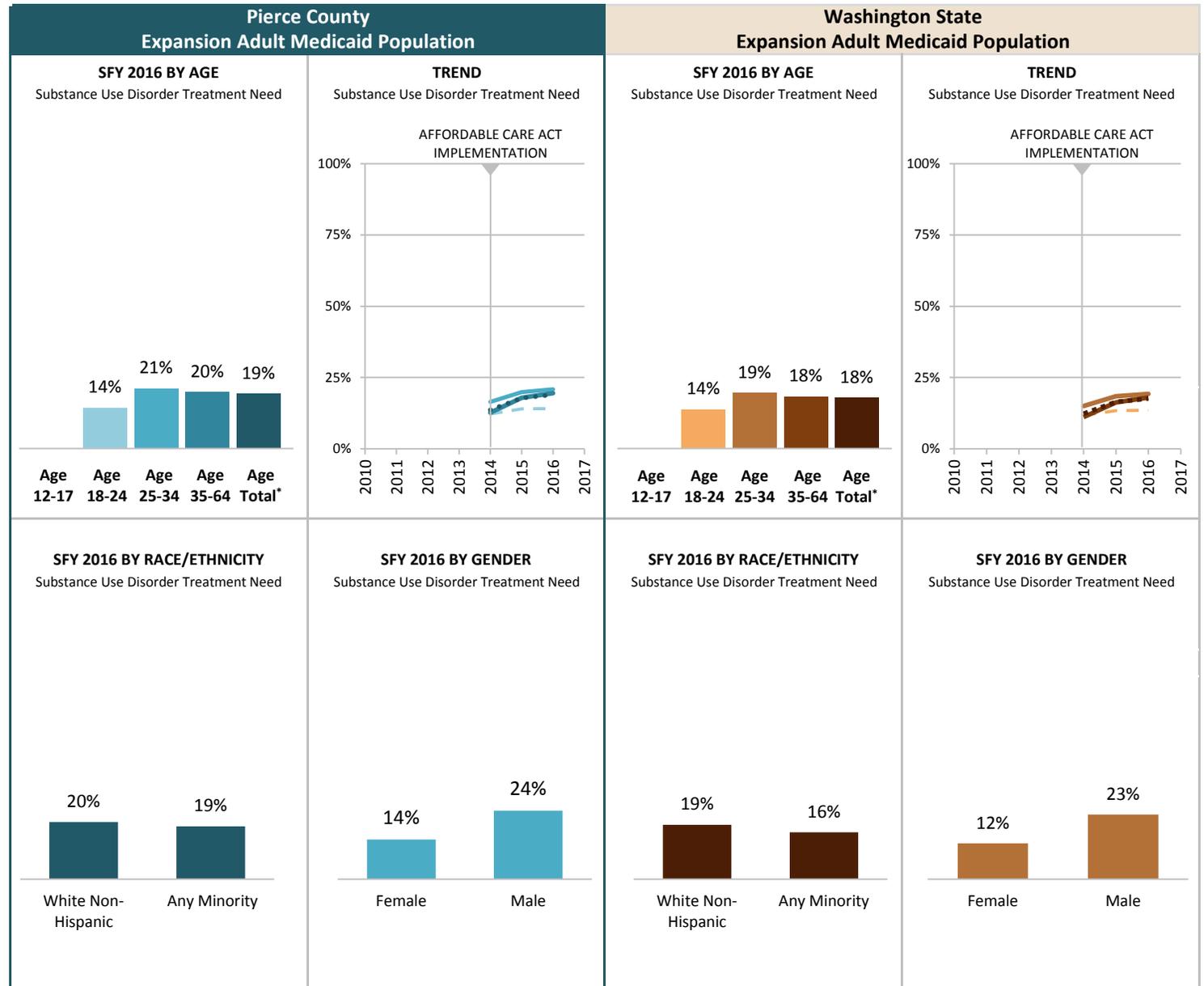
STATE:

- 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	Pierce 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					12.2%	14.0%	14.1%						11.8%	13.4%	13.6%	
Persons w/SUD Tx Need					805	1,682	1,992						7,068	13,885	16,235	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/SUD Tx Need					16.5%	19.9%	20.9%						15.1%	18.4%	19.3%	
Persons w/SUD Tx Need					1,949	4,187	5,249						15,416	32,675	39,531	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/SUD Tx Need					12.6%	17.9%	19.5%						11.1%	16.3%	18.0%	
Persons w/SUD Tx Need					2,832	6,634	8,036						22,012	51,726	62,116	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total¹ w/SUD Tx Need					13.7%	17.8%	19.0%						12.3%	16.4%	17.6%	
Persons w/SUD Tx need					5,586	12,503	15,277						44,496	98,286	117,882	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need					27.6%	33.1%	33.7%						31.8%	36.9%	37.4%	
Persons w/SUD Tx Need					510	1,157	1,374						5,334	11,217	13,193	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/SUD Tx Need					6.6%	9.5%	10.7%						4.9%	7.1%	8.0%	
Persons w/SUD Tx Need					261	567	705						1,621	3,463	4,132	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/SUD Tx Need					17.3%	22.1%	22.8%						14.7%	19.5%	20.1%	
Persons w/SUD Tx Need					968	2,229	2,718						4,155	9,556	11,311	
Total persons					5,605	10,089	11,925						32,924	48,483	51,833	
Hawaiian/PI w/SUD Tx Need					9.3%	12.0%	12.1%						8.7%	10.8%	11.4%	
Persons w/SUD Tx Need					176	438	550						991	2,209	2,678	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/SUD Tx Need					10.8%	14.4%	15.4%						9.1%	12.4%	13.7%	
Persons w/SUD Tx Need					427	1,012	1,269						4,784	10,505	13,292	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/SUD Tx Need					14.5%	18.6%	20.0%						13.5%	17.9%	19.1%	
Persons w/SUD Tx Need					3,474	7,563	9,209						29,246	64,550	76,824	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/SUD Tx Need					13.3%	17.7%	18.5%						11%	15%	16%	
Persons w/SUD Tx Need					2,062	4,806	5,845						14,923	32,724	39,468	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/SUD Tx Need					9.1%	12.6%	13.9%						7.9%	11.2%	12.5%	
Persons w/SUD Tx Need					1,888	4,391	5,598						14,181	32,876	40,978	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/SUD Tx Need					18.3%	23.0%	24.1%						16.7%	21.4%	22.5%	
Persons w/SUD Tx Need					3,698	8,112	9,679						30,315	65,410	76,904	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

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

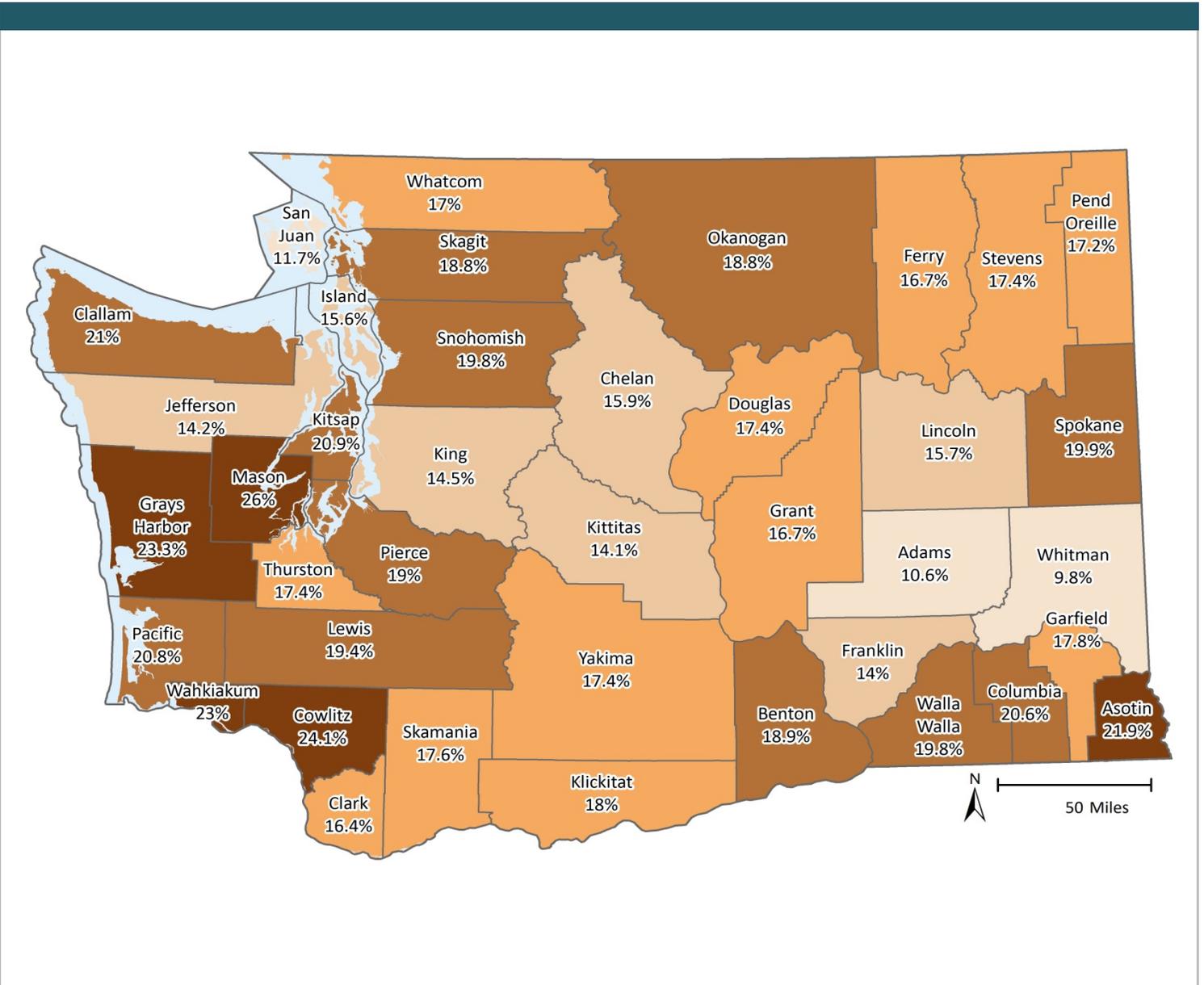
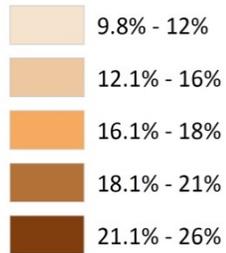
MARCH 2017

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.



Pierce 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*

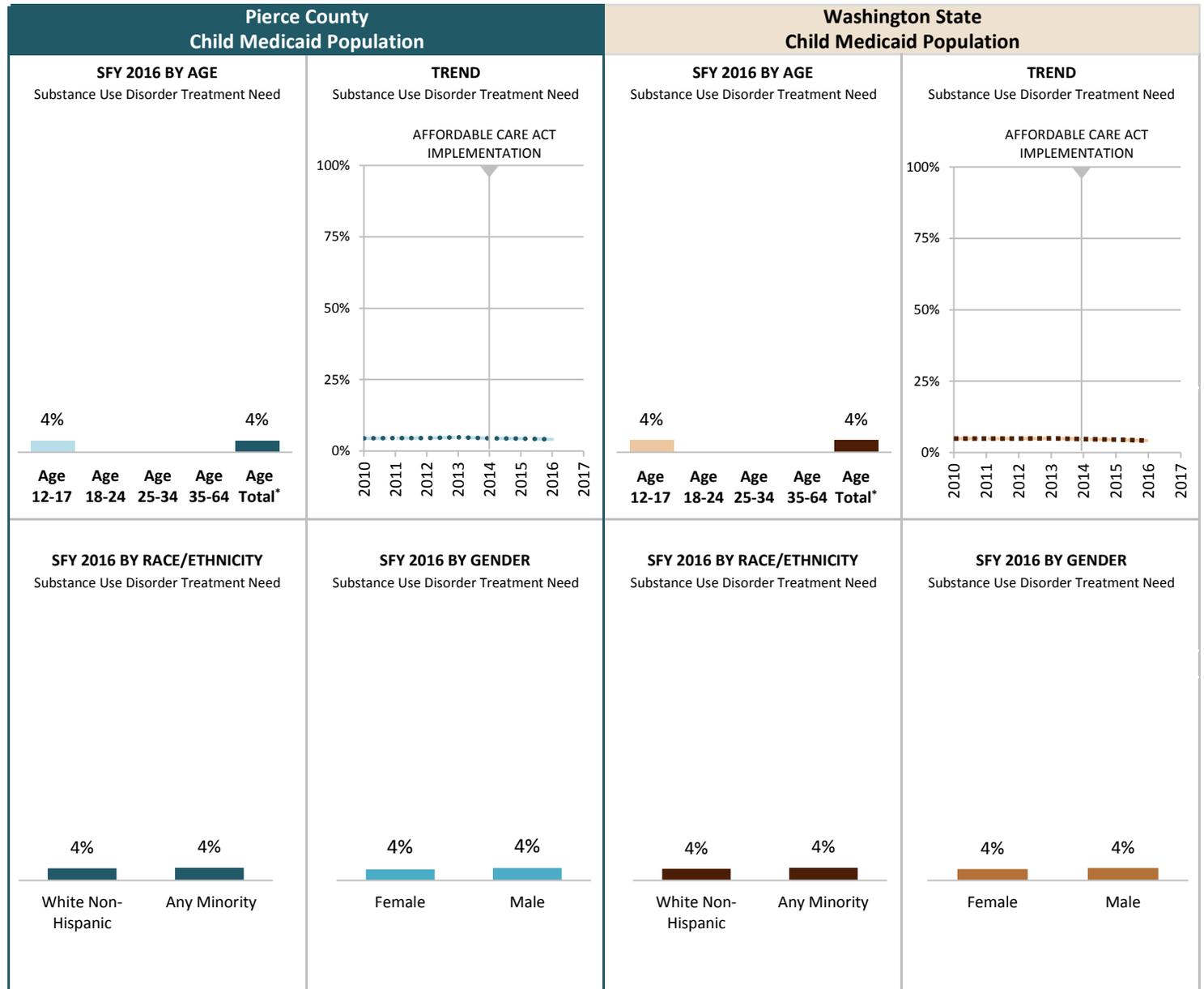
STATE:

- 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

	Pierce 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	4.5%	4.5%	4.5%	4.8%	4.5%	4.4%	4.1%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	870	934	972	1,079	1,074	1,104	1,099		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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	4.5%	4.5%	4.5%	4.8%	4.5%	4.4%	4.1%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx need	870	934	972	1,079	1,074	1,104	1,099		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	9.4%	10.5%	9.7%	8.7%	8.0%	8.9%	8.0%		11.4%	11.0%	11.5%	11.7%	11.5%	11.1%	9.7%	
Persons w/SUD Tx Need	138	159	155	145	137	154	143		1,401	1,401	1,479	1,541	1,514	1,478	1,311	
Total persons	1,470	1,516	1,600	1,663	1,716	1,737	1,786		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/SUD Tx Need	3.3%	3.2%	3.8%	4.3%	4.0%	3.4%	2.5%		3.3%	3.2%	3.2%	3.4%	3.0%	2.7%	2.5%	
Persons w/SUD Tx Need	51	55	70	82	87	79	60		373	384	405	435	435	423	394	
Total persons	1,539	1,708	1,826	1,928	2,185	2,320	2,369		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/SUD Tx Need	5.1%	5.2%	5.8%	6.8%	6.5%	6.1%	5.6%		5.7%	5.7%	5.8%	6.1%	6.1%	6.2%	5.6%	
Persons w/SUD Tx Need	198	211	248	299	299	291	277		1,004	1,068	1,121	1,221	1,263	1,313	1,247	
Total persons	3,910	4,088	4,242	4,386	4,573	4,750	4,969		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Hawaiian/PI w/SUD Tx Need	3.3%	4.3%	4.1%	5.0%	4.8%	3.1%	2.6%		3.6%	3.9%	3.9%	4.0%	4.0%	3.8%	3.2%	
Persons w/SUD Tx Need	45	63	65	84	88	60	54		236	284	306	324	345	346	310	
Total persons	1,383	1,479	1,572	1,691	1,832	1,924	2,117		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/SUD Tx Need	5.4%	5.9%	5.8%	5.6%	4.8%	4.6%	4.4%		4.6%	5.1%	5.1%	5.2%	4.9%	4.7%	4.2%	
Persons w/SUD Tx Need	185	213	229	238	228	238	250		2,043	2,417	2,578	2,798	2,870	2,949	2,858	
Total persons	3,446	3,639	3,979	4,285	4,797	5,217	5,728		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/SUD Tx Need	4.2%	3.9%	3.8%	4.0%	4.0%	4.2%	4.2%		4.8%	4.7%	4.7%	4.7%	4.4%	4.4%	4.1%	
Persons w/SUD Tx Need	362	366	364	397	410	444	460		3,669	3,793	3,839	3,849	3,874	3,968	3,809	
Total persons	8,708	9,360	9,558	9,837	10,372	10,614	10,968		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/SUD Tx Need	5.0%	5.3%	5.4%	5.7%	5.1%	4.8%	4.4%		5%	5%	5%	6%	5%	5%	4%	
Persons w/SUD Tx Need	503	565	605	679	658	656	632		4,275	4,719	5,000	5,338	5,426	5,501	5,187	
Total persons	10,067	10,627	11,227	11,883	12,872	13,604	14,476		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/SUD Tx Need	3.8%	3.8%	3.9%	4.2%	4.0%	3.8%	3.9%		4.2%	4.1%	4.2%	4.2%	4.2%	4.2%	4.0%	
Persons w/SUD Tx Need	369	393	416	464	479	478	521		3,387	3,565	3,701	3,860	4,110	4,320	4,308	
Total persons	9,714	10,307	10,728	11,112	12,009	12,648	13,313		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/SUD Tx Need	5.2%	5.2%	5.2%	5.4%	4.9%	5.0%	4.3%		5.6%	5.7%	5.7%	5.8%	5.2%	5.0%	4.3%	
Persons w/SUD Tx Need	501	541	556	615	595	626	578		4,576	4,971	5,166	5,358	5,220	5,190	4,760	
Total persons	9,633	10,317	10,758	11,379	12,087	12,591	13,338		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

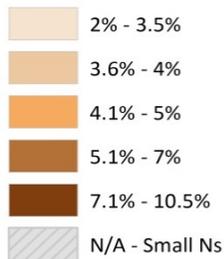
MARCH 2017

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.

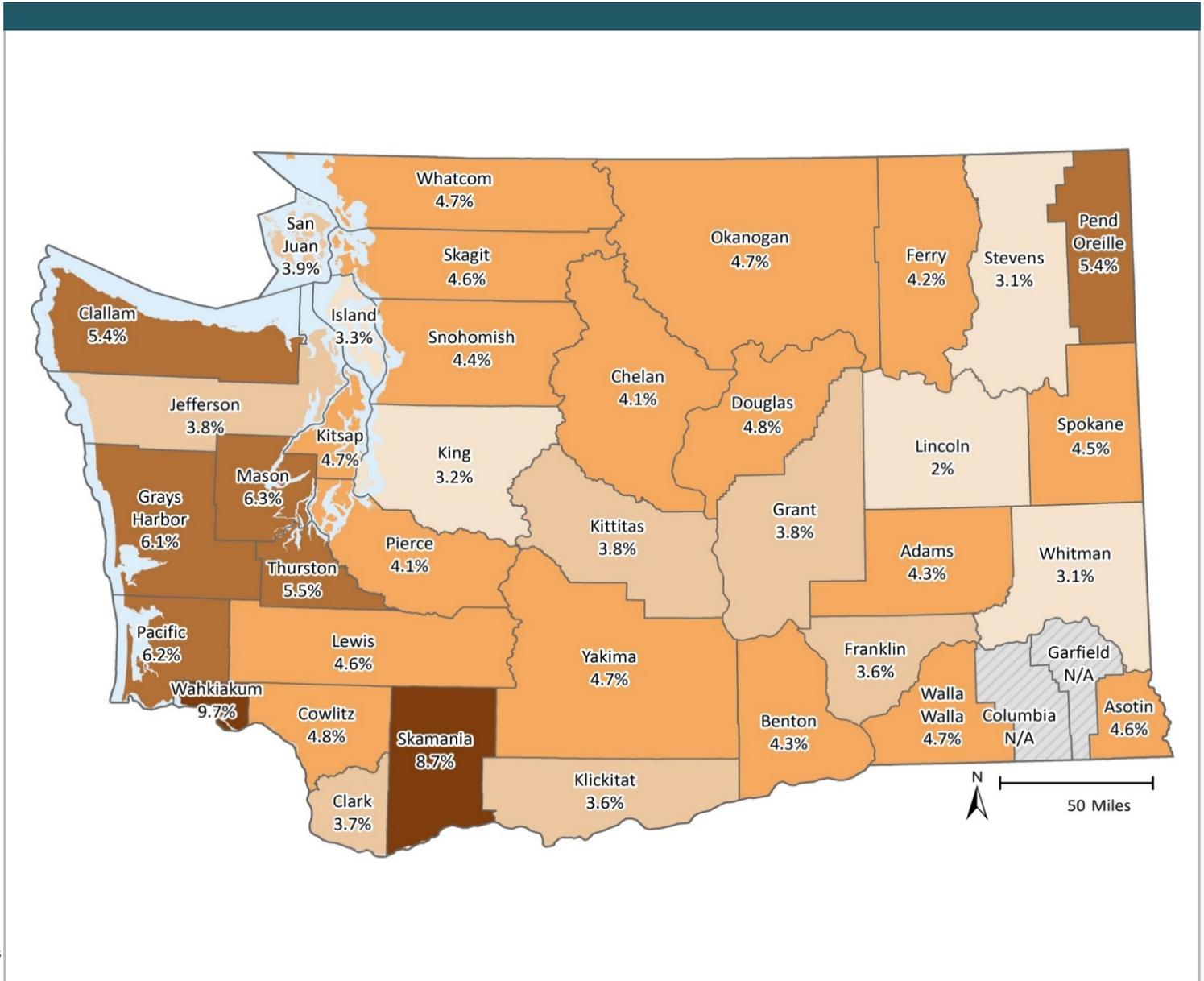
Percent of Medicaid Children with Substance Use Disorder Tx Need



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.





Pierce 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:

- Disabled
- Classic Adults
- Expansion Adults
- Children

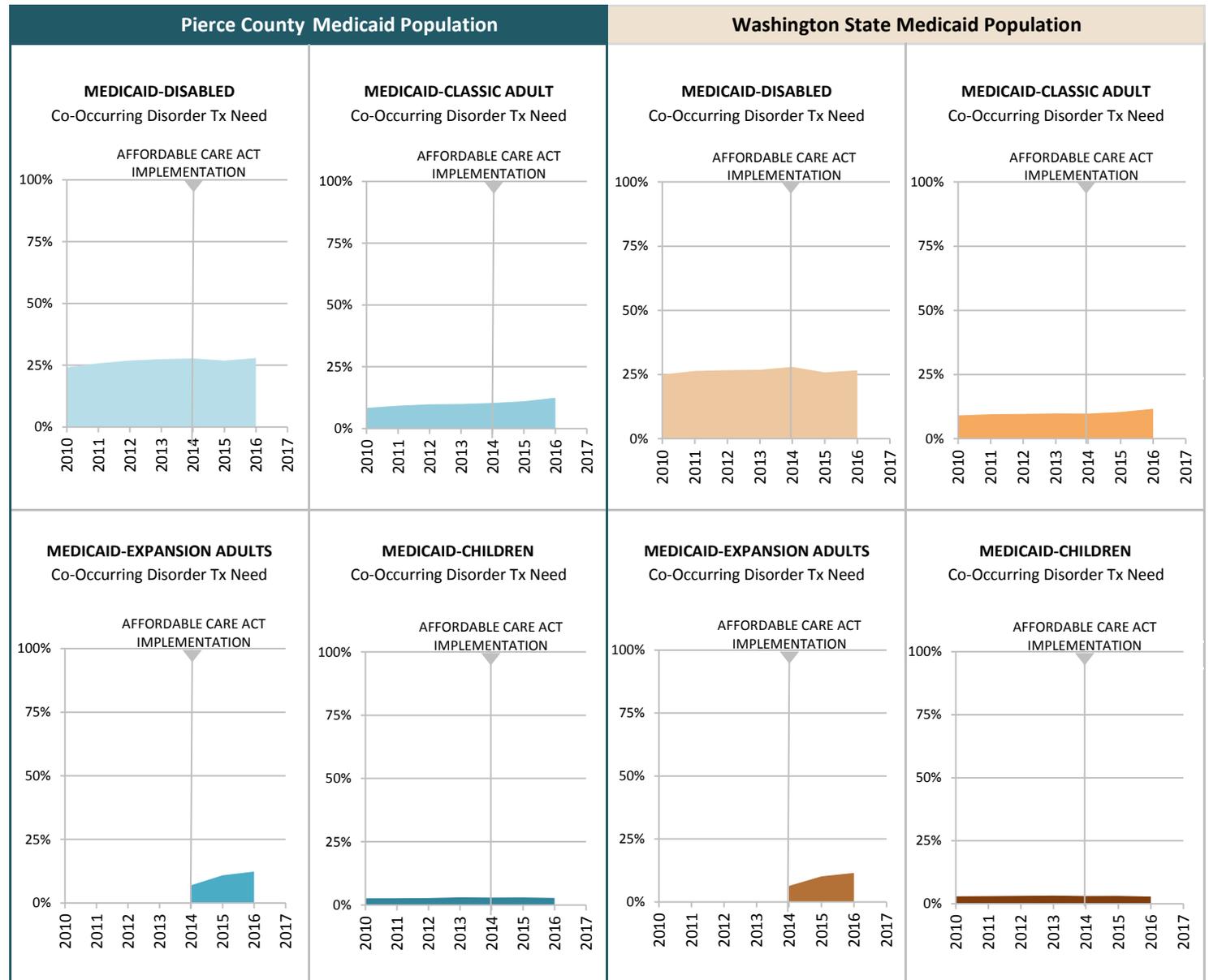
STATE:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	24.1%	25.7%	26.9%	27.4%	27.7%	26.8%	27.9%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	3,696	4,063	4,473	4,777	4,508	3,431	3,538		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	8.3%	9.2%	9.8%	9.9%	10.3%	11.0%	12.4%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	2,155	2,559	2,783	2,797	3,028	3,250	3,490		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					6.9%	10.9%	12.3%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					2,838	7,637	9,939						22,875	60,617	77,053	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	2.6%	2.7%	2.7%	3.0%	2.9%	3.0%	2.8%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	509	547	589	679	704	752	741		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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*

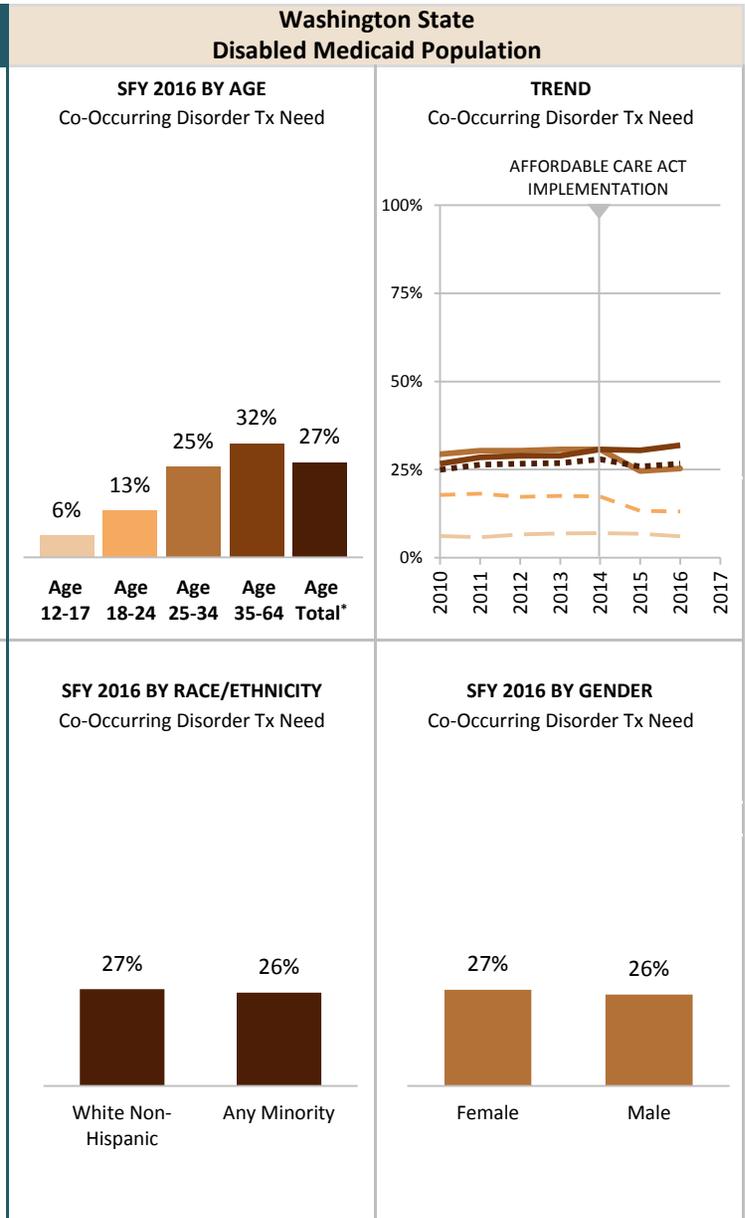
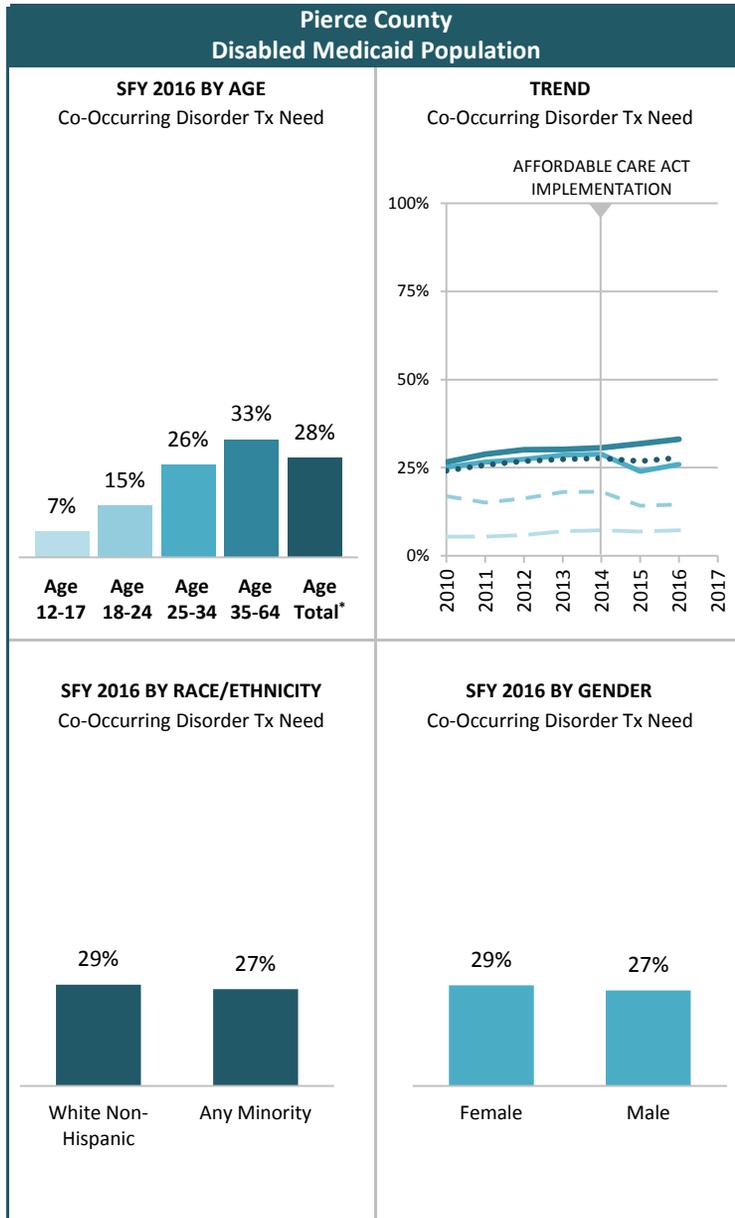
STATE:

- 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

STATE FISCAL YEAR	Pierce 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/COD Tx Need	5.4%	5.4%	5.9%	7.0%	7.3%	6.9%	7.3%		6.1%	5.9%	6.6%	6.9%	7.0%	6.8%	6.1%	
Persons w/COD Tx Need	48	48	57	71	75	71	79		390	385	460	505	513	507	478	
Total persons	882	886	965	1,016	1,032	1,030	1,086		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/COD Tx Need	16.9%	15.1%	16.3%	18.1%	18.2%	14.2%	14.5%		17.8%	18.2%	17.3%	17.6%	17.3%	13.3%	13.1%	
Persons w/COD Tx Need	280	255	281	310	287	184	190		2,214	2,277	2,171	2,238	2,058	1,300	1,264	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/COD Tx Need	25.2%	26.6%	27.4%	28.5%	28.8%	23.9%	25.9%		29.4%	30.4%	30.4%	30.7%	30.7%	24.6%	25.3%	
Persons w/COD Tx Need	588	643	693	758	727	469	503		4,982	5,310	5,580	5,947	5,655	3,350	3,448	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/COD Tx Need	26.6%	28.9%	30.1%	30.2%	30.7%	31.8%	33.1%		26.7%	28.5%	28.9%	29.0%	30.7%	30.4%	31.9%	
Persons w/COD Tx Need	2,780	3,117	3,442	3,638	3,419	2,707	2,766		21,007	23,107	24,697	25,988	25,777	18,480	18,855	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/COD Tx Need	24.1%	25.7%	26.9%	27.4%	27.7%	26.8%	27.9%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	3,696	4,063	4,473	4,777	4,508	3,431	3,538		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	35.2%	38.4%	38.3%	38.4%	38.6%	37.3%	37.9%		36.3%	38.3%	38.0%	37.9%	38.9%	37.2%	37.5%	
Persons w/COD Tx Need	466	538	556	594	573	454	456		4,242	4,591	4,723	4,900	4,771	3,536	3,478	
Total persons	1,325	1,400	1,451	1,545	1,485	1,216	1,203		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/COD Tx Need	10.9%	12.4%	14.3%	15.9%	17.1%	15.9%	17.8%		12.8%	14.2%	14.8%	15.5%	15.8%	13.8%	14.8%	
Persons w/COD Tx Need	115	129	152	176	175	130	140		739	836	891	981	936	634	660	
Total persons	1,058	1,044	1,064	1,108	1,023	818	786		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/COD Tx Need	27.7%	28.9%	29.8%	30.4%	30.2%	30.1%	29.6%		30.5%	31.9%	32.0%	31.8%	32.0%	29.2%	29.4%	
Persons w/COD Tx Need	847	923	1,030	1,102	1,043	864	856		4,283	4,694	5,046	5,297	5,143	3,609	3,627	
Total persons	3,061	3,193	3,460	3,624	3,450	2,866	2,896		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/COD Tx Need	18.4%	19.7%	18.8%	20.1%	21.9%	16.7%	18.9%		18.6%	20.1%	20.6%	20.8%	20.2%	16.4%	18.9%	
Persons w/COD Tx Need	91	101	103	117	118	74	83		431	504	541	588	556	344	397	
Total persons	495	513	549	583	538	443	439		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/COD Tx Need	21.4%	22.3%	21.4%	22.2%	22.9%	19.3%	21.7%		19.8%	21.3%	21.3%	20.9%	21.8%	18.7%	20.3%	
Persons w/COD Tx Need	191	209	222	246	246	168	194		1,783	2,071	2,272	2,404	2,404	1,630	1,805	
Total persons	894	936	1,039	1,110	1,072	872	895		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/COD Tx Need	23.8%	25.6%	27.2%	27.8%	27.8%	27.1%	28.8%		24.7%	26.1%	26.5%	26.8%	28.2%	26.3%	27.3%	
Persons w/COD Tx Need	2,074	2,290	2,540	2,700	2,515	1,879	1,969		18,256	19,704	20,806	21,931	21,632	14,914	15,182	
Total persons	8,704	8,941	9,328	9,712	9,042	6,939	6,846		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/COD Tx Need	25.2%	26.6%	27.2%	27.8%	28.2%	27.1%	27.5%		26%	28%	28%	28%	28%	26%	26%	
Persons w/COD Tx Need	1,609	1,753	1,915	2,058	1,972	1,533	1,552		10,279	11,291	11,980	12,611	12,250	8,633	8,770	
Total persons	6,392	6,582	7,033	7,409	6,988	5,653	5,645		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/COD Tx Need	22.6%	24.2%	25.8%	26.5%	27.1%	27.4%	28.6%		22.8%	24.1%	24.9%	25.2%	26.6%	26.1%	27.3%	
Persons w/COD Tx Need	1,786	1,939	2,176	2,311	2,182	1,770	1,829		13,171	14,285	15,277	16,036	15,802	11,909	12,172	
Total persons	7,890	8,014	8,419	8,709	8,052	6,470	6,397		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/COD Tx Need	25.7%	27.3%	27.9%	28.3%	28.3%	26.3%	27.1%		27.2%	28.7%	28.5%	28.4%	29.3%	25.5%	26.0%	
Persons w/COD Tx Need	1,910	2,124	2,297	2,466	2,326	1,661	1,709		15,422	16,794	17,631	18,642	18,201	11,728	11,873	
Total persons	7,445	7,776	8,237	8,715	8,222	6,317	6,300		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

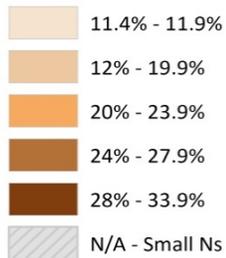
MARCH 2017

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.

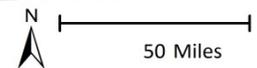
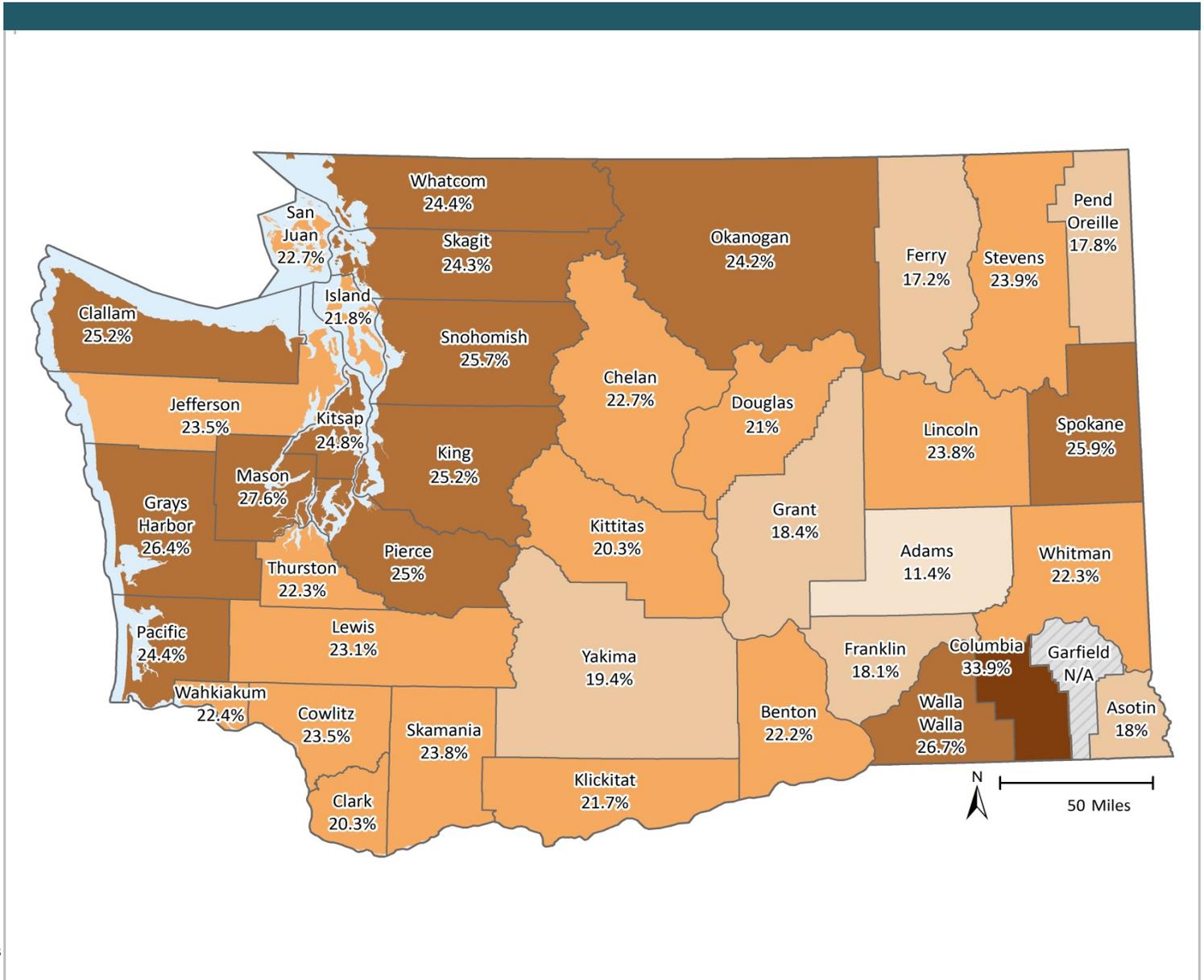
Percent of Medicaid-Disabled Youth and Adults with Co-Occurring Disorder Tx Need



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.





Pierce 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*

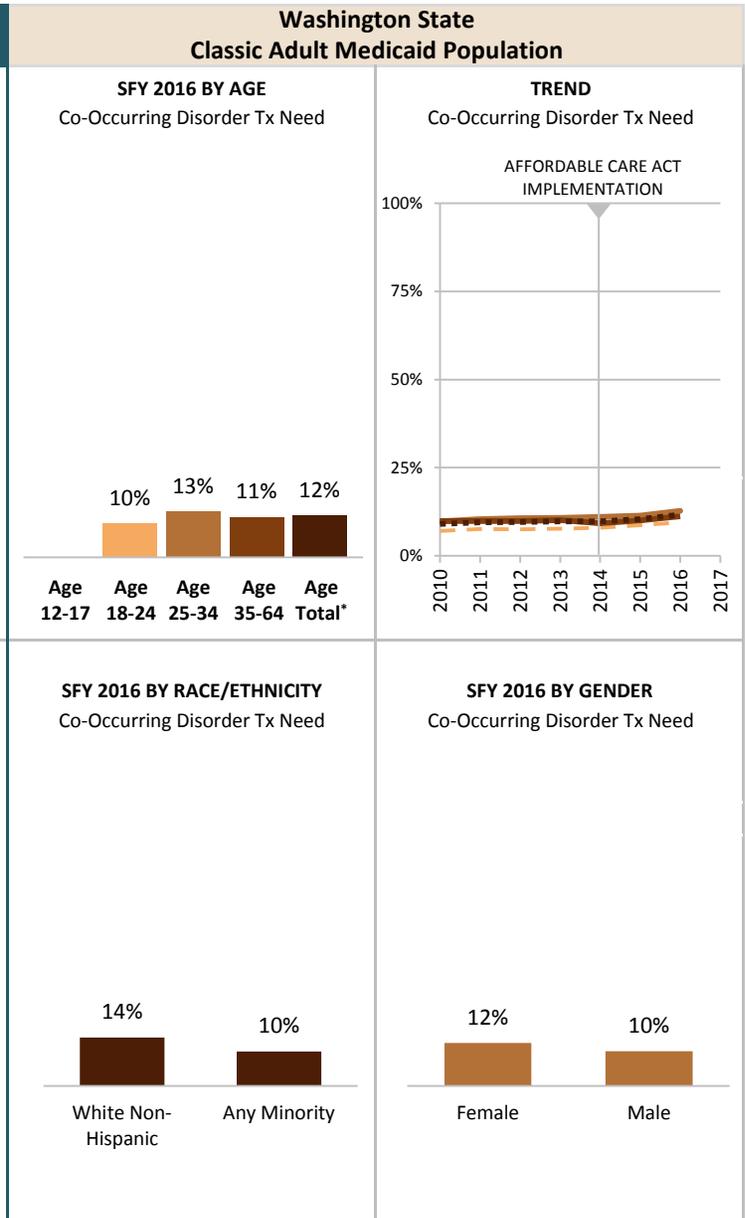
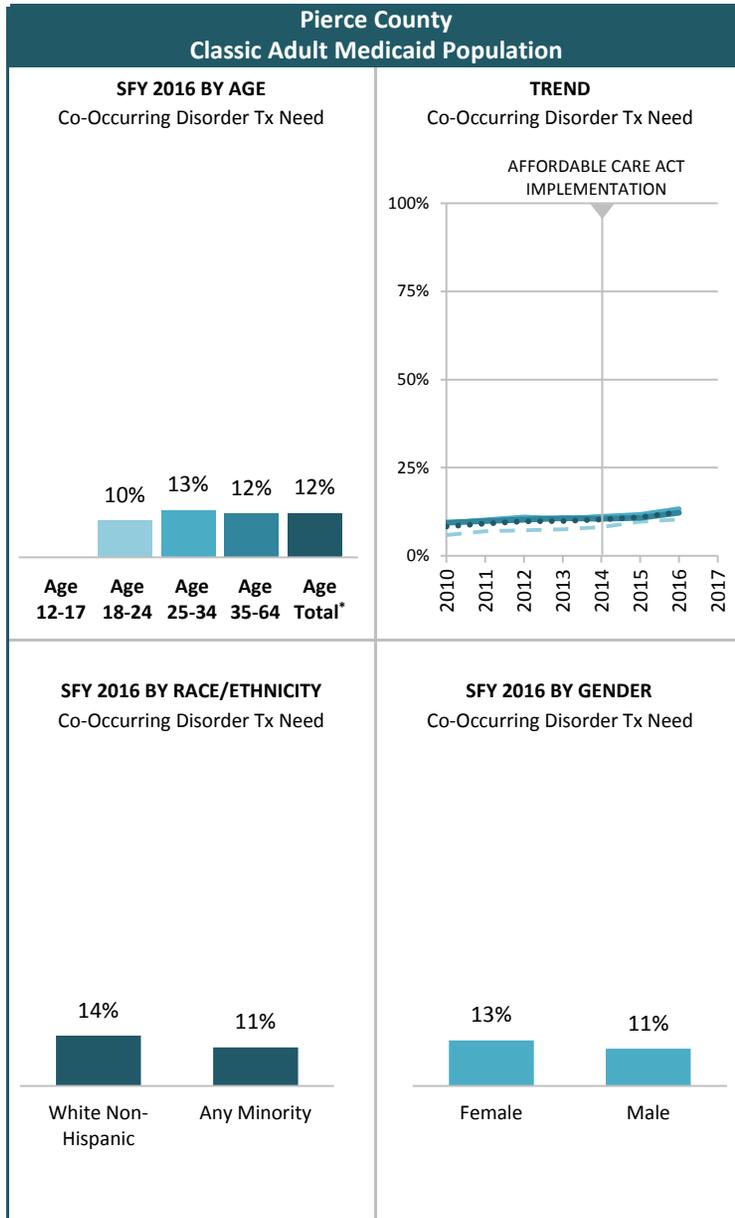
STATE:

- 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

	Pierce 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	6.0%	7.0%	7.3%	7.5%	8.2%	9.7%	10.3%		7.1%	7.6%	7.6%	7.7%	8.0%	8.7%	9.5%	
Persons w/COD Tx Need	454	539	536	508	491	486	428		3,819	4,061	3,809	3,608	3,369	3,024	2,845	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/COD Tx Need	9.2%	10.1%	11.0%	10.6%	11.1%	11.6%	13.3%		9.8%	10.5%	10.7%	10.8%	11.0%	11.4%	12.8%	
Persons w/COD Tx Need	1,032	1,231	1,388	1,363	1,482	1,570	1,712		7,809	8,882	9,110	9,168	9,911	10,421	11,148	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/COD Tx Need	9.5%	9.8%	10.2%	10.7%	10.5%	10.8%	12.2%		9.9%	9.9%	9.9%	10.1%	9.3%	10.0%	11.2%	
Persons w/COD Tx Need	669	789	859	926	1,055	1,194	1,350		5,362	5,775	5,944	6,118	7,153	8,706	9,617	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/COD Tx Need	8.3%	9.2%	9.8%	9.9%	10.3%	11.0%	12.4%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	2,155	2,559	2,783	2,797	3,028	3,250	3,490		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	17.0%	19.1%	19.3%	19.0%	21.2%	21.8%	22.5%		19.4%	19.9%	20.0%	19.8%	20.5%	21.6%	23.7%	
Persons w/COD Tx Need	324	376	402	398	433	438	408		3,046	3,190	3,174	3,080	3,182	3,180	3,259	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/COD Tx Need	5.9%	5.9%	7.2%	6.7%	6.8%	7.0%	7.2%		5.6%	5.5%	5.5%	5.7%	5.5%	5.2%	5.7%	
Persons w/COD Tx Need	97	105	130	124	142	154	150		497	547	569	598	708	723	751	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/COD Tx Need	9.1%	10.7%	10.1%	10.1%	12.1%	12.9%	14.0%		8.4%	8.8%	8.7%	8.6%	9.2%	10.0%	11.3%	
Persons w/COD Tx Need	442	562	541	543	641	667	674		1,720	1,947	1,953	1,928	2,134	2,260	2,394	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/COD Tx Need	4.9%	5.3%	5.2%	4.9%	5.4%	6.0%	5.7%		5.4%	5.6%	5.7%	5.4%	5.7%	6.0%	6.4%	
Persons w/COD Tx Need	82	95	99	98	117	139	132		357	400	440	436	526	606	624	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/COD Tx Need	5.8%	6.6%	7.3%	7.2%	7.9%	7.9%	8.4%		6.1%	6.3%	6.4%	6.6%	6.1%	6.4%	7.3%	
Persons w/COD Tx Need	152	196	232	230	279	294	304		1,717	1,903	1,988	2,056	2,245	2,475	2,677	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/COD Tx Need	9.1%	9.8%	10.6%	10.9%	10.9%	11.8%	14.2%		9.8%	10.4%	10.6%	10.9%	11.1%	12.1%	13.7%	
Persons w/COD Tx Need	1,258	1,455	1,609	1,629	1,690	1,821	2,087		10,665	11,821	11,892	11,953	12,926	14,192	15,203	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/COD Tx Need	8.0%	9.2%	9.4%	9.2%	10.2%	10.6%	10.9%		9%	9%	9%	9%	9%	9%	10%	
Persons w/COD Tx Need	889	1,096	1,162	1,159	1,329	1,419	1,383		6,279	6,844	6,923	6,894	7,449	7,878	8,273	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/COD Tx Need	8.6%	9.5%	10.2%	10.5%	10.9%	11.5%	12.9%		9.3%	9.8%	10.0%	10.1%	10.3%	10.9%	12.2%	
Persons w/COD Tx Need	1,752	2,060	2,245	2,321	2,501	2,721	2,924		13,489	14,755	15,031	15,119	16,487	18,022	19,338	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/COD Tx Need	7.3%	8.0%	8.4%	7.6%	8.3%	9.0%	10.5%		8.3%	8.7%	8.5%	8.7%	8.1%	8.7%	9.8%	
Persons w/COD Tx Need	403	499	538	476	527	529	566		3,501	3,963	3,832	3,775	3,946	4,129	4,272	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		41,999	45,500	44,869	43,268	48,694	47,553	43,688	



Pierce 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*

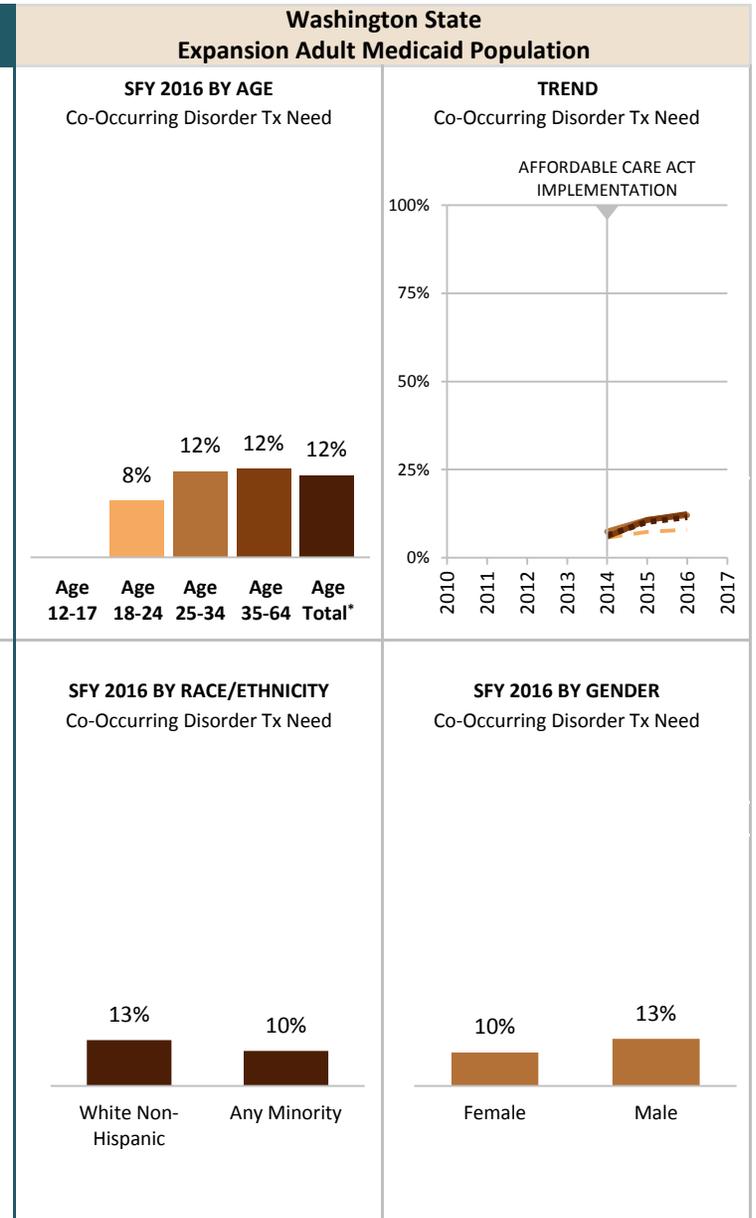
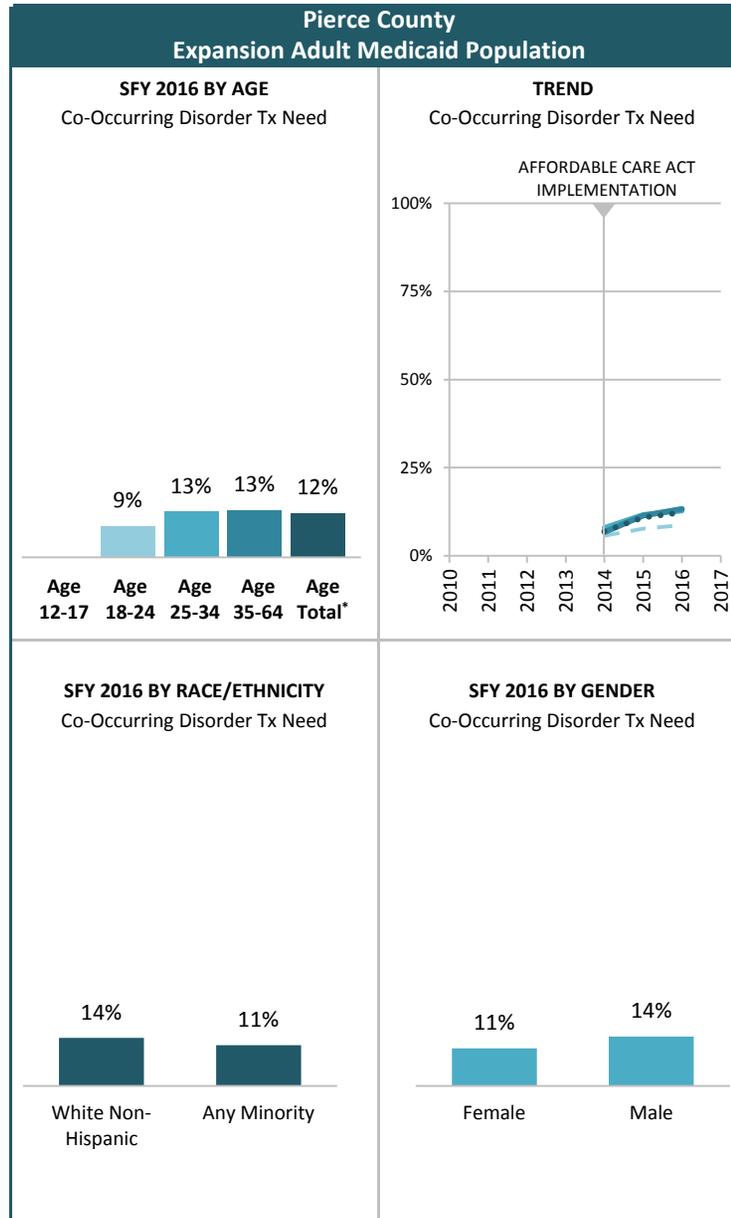
STATE:

- 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 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	Pierce 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					5.8%	7.7%	8.7%						5.7%	7.3%	8.0%	
Persons w/COD Tx Need					381	928	1,233						3,422	7,567	9,554	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/COD Tx Need					8.0%	11.7%	12.8%						7.4%	10.7%	12.0%	
Persons w/COD Tx Need					943	2,457	3,223						7,580	19,047	24,663	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/COD Tx Need					6.8%	11.5%	13.3%						6.0%	10.7%	12.4%	
Persons w/COD Tx Need					1,514	4,252	5,483						11,873	34,003	42,836	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total¹ w/COD Tx Need					6.9%	10.9%	12.3%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					2,838	7,637	9,939						22,875	60,617	77,053	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need					15.2%	22.0%	23.2%						16.9%	22.8%	24.2%	
Persons w/COD Tx Need					281	767	948						2,837	6,944	8,532	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/COD Tx Need					3.0%	5.3%	6.2%						2.1%	3.9%	4.7%	
Persons w/COD Tx Need					117	315	410						686	1,906	2,447	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/COD Tx Need					7.3%	12.1%	13.7%						6.6%	11.1%	12.3%	
Persons w/COD Tx Need					410	1,224	1,631						1,871	5,441	6,882	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/COD Tx Need					4.0%	6.5%	6.7%						3.8%	6.1%	6.6%	
Persons w/COD Tx Need					76	235	302						438	1,242	1,542	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/COD Tx Need					4.8%	8.3%	9.3%						3.9%	6.6%	7.8%	
Persons w/COD Tx Need					191	582	769						2,026	5,607	7,547	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/COD Tx Need					7.8%	11.8%	13.5%						7.3%	11.5%	13.0%	
Persons w/COD Tx Need					1,873	4,805	6,210						15,832	41,441	52,380	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/COD Tx Need					6.1%	10.2%	11.4%						5%	9%	10%	
Persons w/COD Tx Need					948	2,776	3,606						6,910	18,670	23,786	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/COD Tx Need					5.7%	9.4%	10.7%						5.0%	8.3%	9.5%	
Persons w/COD Tx Need					1,181	3,277	4,297						8,998	24,262	31,259	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/COD Tx Need					8.2%	12.3%	14.0%						7.7%	11.9%	13.4%	
Persons w/COD Tx Need					1,657	4,360	5,642						13,877	36,355	45,794	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

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

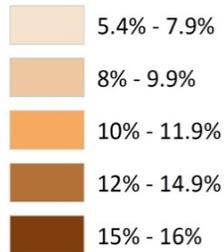
MARCH 2017

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.

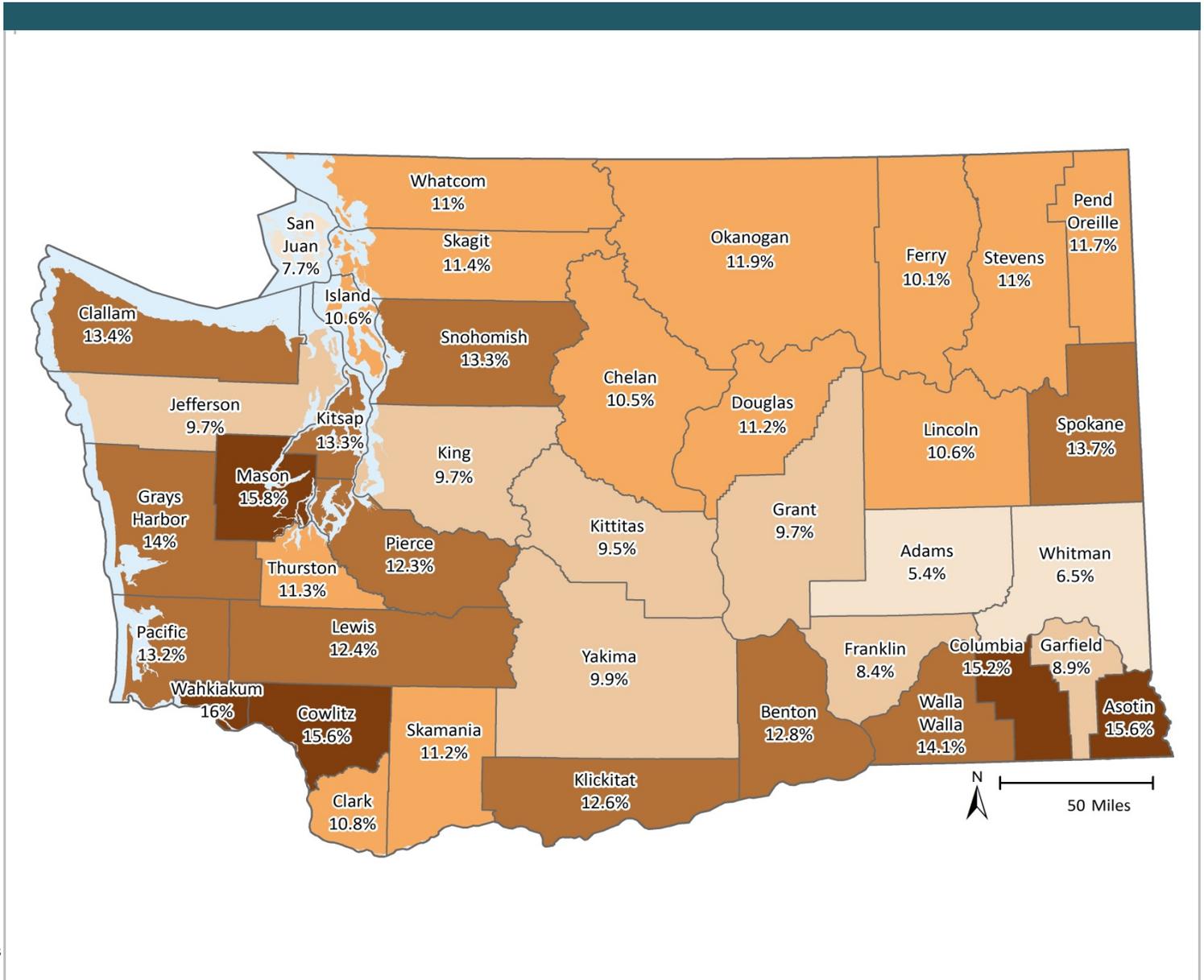
Percent of Medicaid-Expansion Adults with Co-Occurring Disorder Tx Need



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.





Pierce 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*

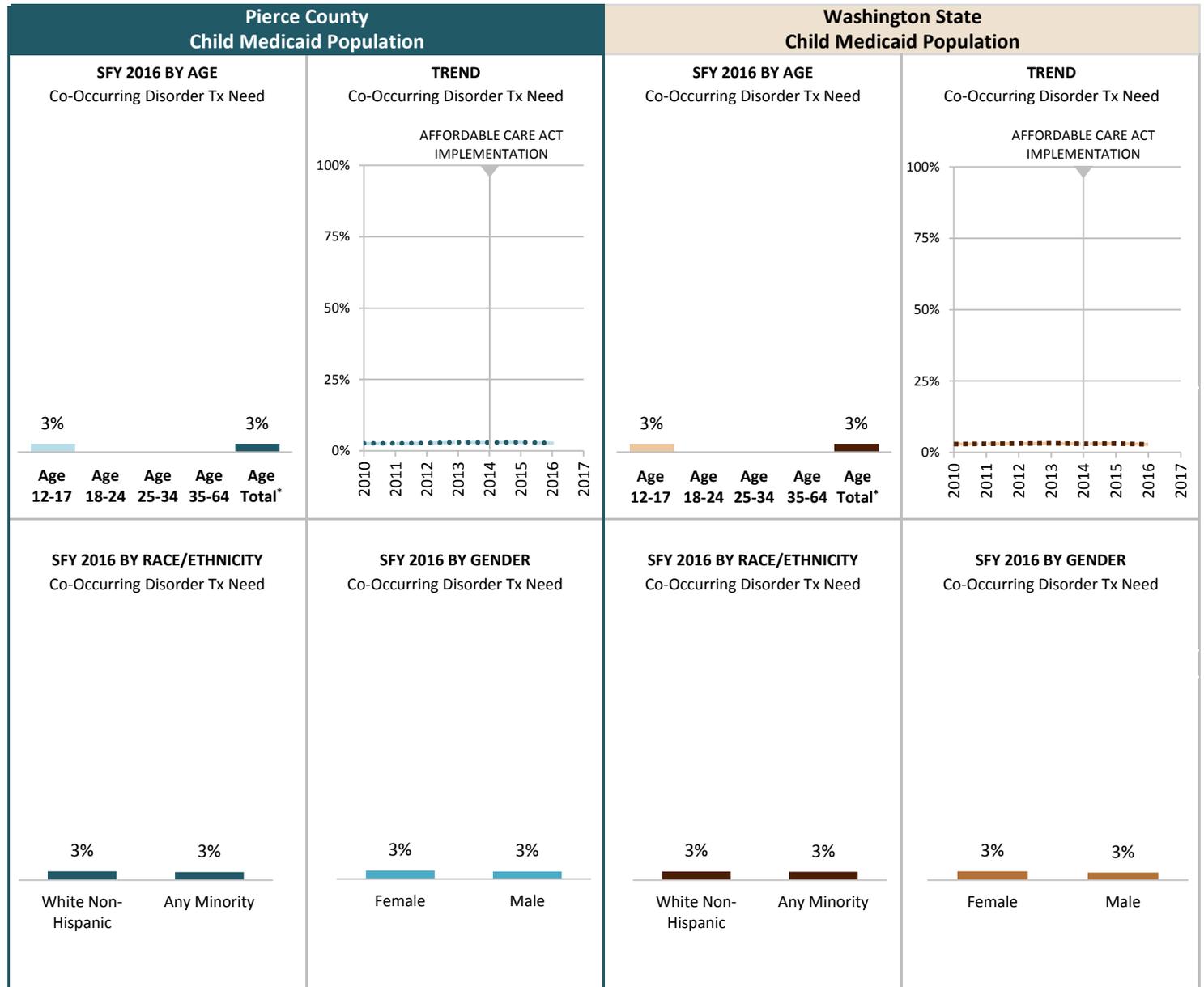
STATE:

- 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

	Pierce 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	2.6%	2.7%	2.7%	3.0%	2.9%	3.0%	2.8%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	509	547	589	679	704	752	741		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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	2.6%	2.7%	2.7%	3.0%	2.9%	3.0%	2.8%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	509	547	589	679	704	752	741		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	7.3%	7.7%	7.4%	6.6%	6.0%	6.7%	6.0%		8.2%	8.1%	8.4%	8.7%	8.6%	8.5%	7.5%	
Persons w/COD Tx Need	108	116	118	109	103	116	107		1,006	1,030	1,085	1,139	1,131	1,131	1,011	
Total persons	1,470	1,516	1,600	1,663	1,716	1,737	1,786		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/COD Tx Need	2.1%	2.3%	2.5%	2.5%	2.4%	2.1%	1.7%		1.9%	1.8%	1.9%	2.1%	1.9%	1.9%	1.7%	
Persons w/COD Tx Need	32	40	45	49	52	48	41		216	221	240	276	283	287	271	
Total persons	1,539	1,708	1,826	1,928	2,185	2,320	2,369		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/COD Tx Need	3.1%	2.8%	3.7%	4.4%	4.6%	4.2%	3.9%		3.4%	3.4%	3.7%	3.9%	4.0%	4.2%	3.8%	
Persons w/COD Tx Need	120	113	156	192	209	200	193		607	642	712	781	826	897	837	
Total persons	3,910	4,088	4,242	4,386	4,573	4,750	4,969		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/COD Tx Need	1.9%	2.4%	1.8%	2.7%	2.6%	2.0%	1.7%		2.2%	2.2%	2.1%	2.5%	2.5%	2.6%	2.2%	
Persons w/COD Tx Need	26	35	28	46	47	39	37		143	162	162	198	215	237	220	
Total persons	1,383	1,479	1,572	1,691	1,832	1,924	2,117		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/COD Tx Need	2.3%	2.8%	2.8%	2.8%	2.5%	2.6%	2.4%		2.3%	2.5%	2.7%	2.8%	2.6%	2.6%	2.5%	
Persons w/COD Tx Need	79	102	110	118	121	134	135		1,003	1,207	1,349	1,512	1,537	1,652	1,702	
Total persons	3,446	3,639	3,979	4,285	4,797	5,217	5,728		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/COD Tx Need	2.6%	2.5%	2.6%	2.8%	2.8%	3.1%	3.0%		3.1%	3.1%	3.2%	3.3%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	224	230	244	278	292	324	332		2,320	2,489	2,611	2,698	2,760	2,935	2,824	
Total persons	8,708	9,360	9,558	9,837	10,372	10,614	10,968		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/COD Tx Need	2.8%	3.0%	3.1%	3.4%	3.2%	3.1%	2.8%		3%	3%	3%	3%	3%	3%	3%	
Persons w/COD Tx Need	284	316	345	400	408	426	407		2,437	2,702	2,946	3,219	3,267	3,473	3,349	
Total persons	10,067	10,627	11,227	11,883	12,872	13,604	14,476		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/COD Tx Need	2.5%	2.5%	2.6%	3.0%	3.0%	3.0%	3.0%		2.9%	2.9%	3.0%	3.1%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	243	259	283	337	355	378	395		2,322	2,461	2,631	2,825	3,022	3,373	3,299	
Total persons	9,714	10,307	10,728	11,112	12,009	12,648	13,313		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/COD Tx Need	2.8%	2.8%	2.8%	3.0%	2.9%	3.0%	2.6%		3.0%	3.1%	3.3%	3.3%	3.0%	2.9%	2.6%	
Persons w/COD Tx Need	266	288	306	342	349	374	346		2,444	2,737	2,933	3,101	3,017	3,049	2,901	
Total persons	9,633	10,317	10,758	11,379	12,087	12,591	13,338		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

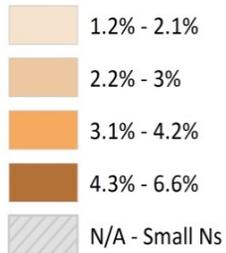
MARCH 2017

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.

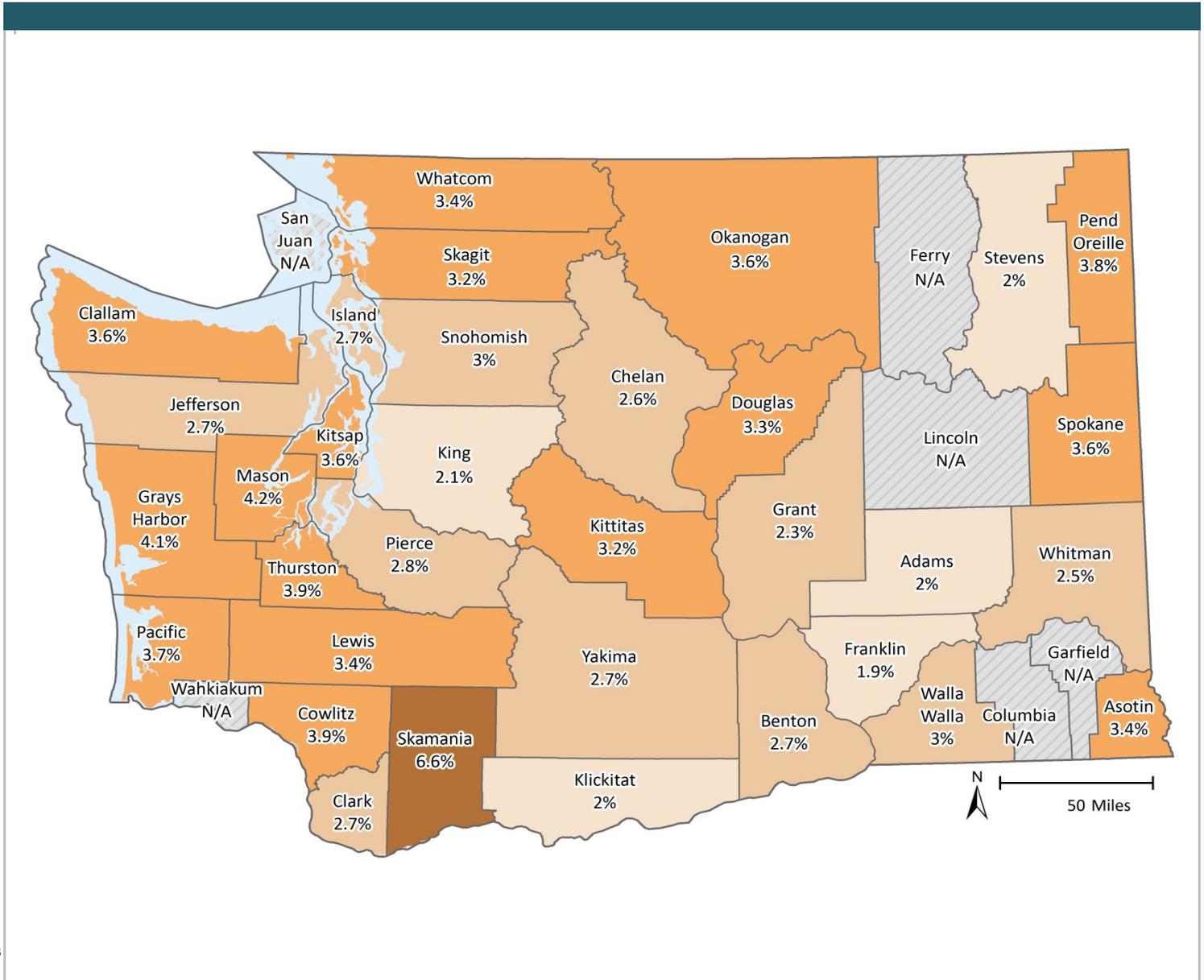
Percent of Medicaid-Children with Co-Occurring Disorder Tx Need



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

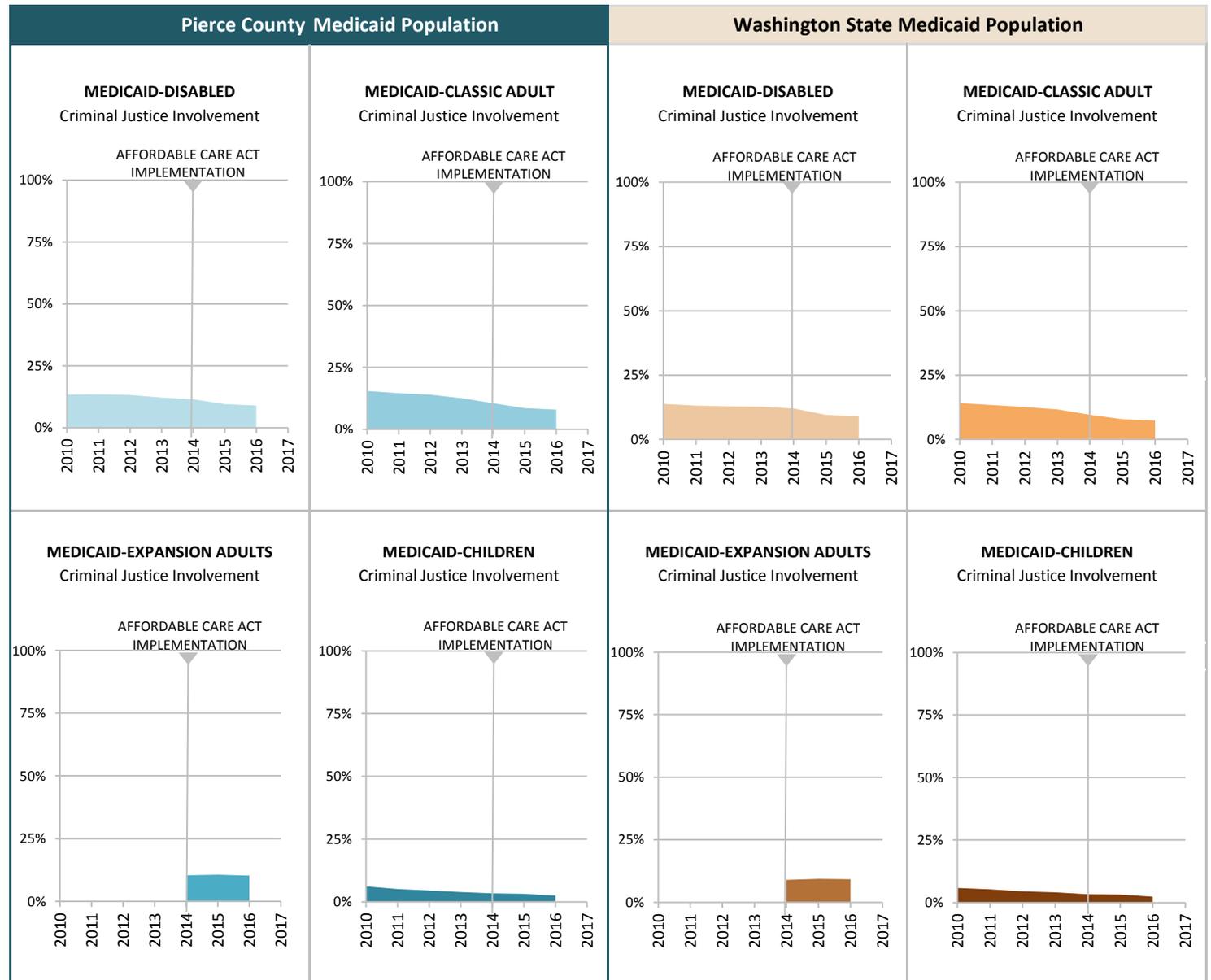
STATE MEDICAID:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	13.3%	13.5%	13.2%	12.1%	11.5%	9.5%	8.9%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	2,045	2,124	2,198	2,113	1,864	1,215	1,134		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	15.4%	14.5%	13.9%	12.5%	10.5%	8.5%	7.9%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	3,998	4,043	3,969	3,539	3,075	2,513	2,216		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					10.4%	10.6%	10.3%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					4,239	7,444	8,257						32,382	56,183	61,932	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	6.2%	5.1%	4.5%	3.9%	3.4%	3.2%	2.5%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	1,195	1,057	976	882	823	811	672		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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.



Pierce 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*

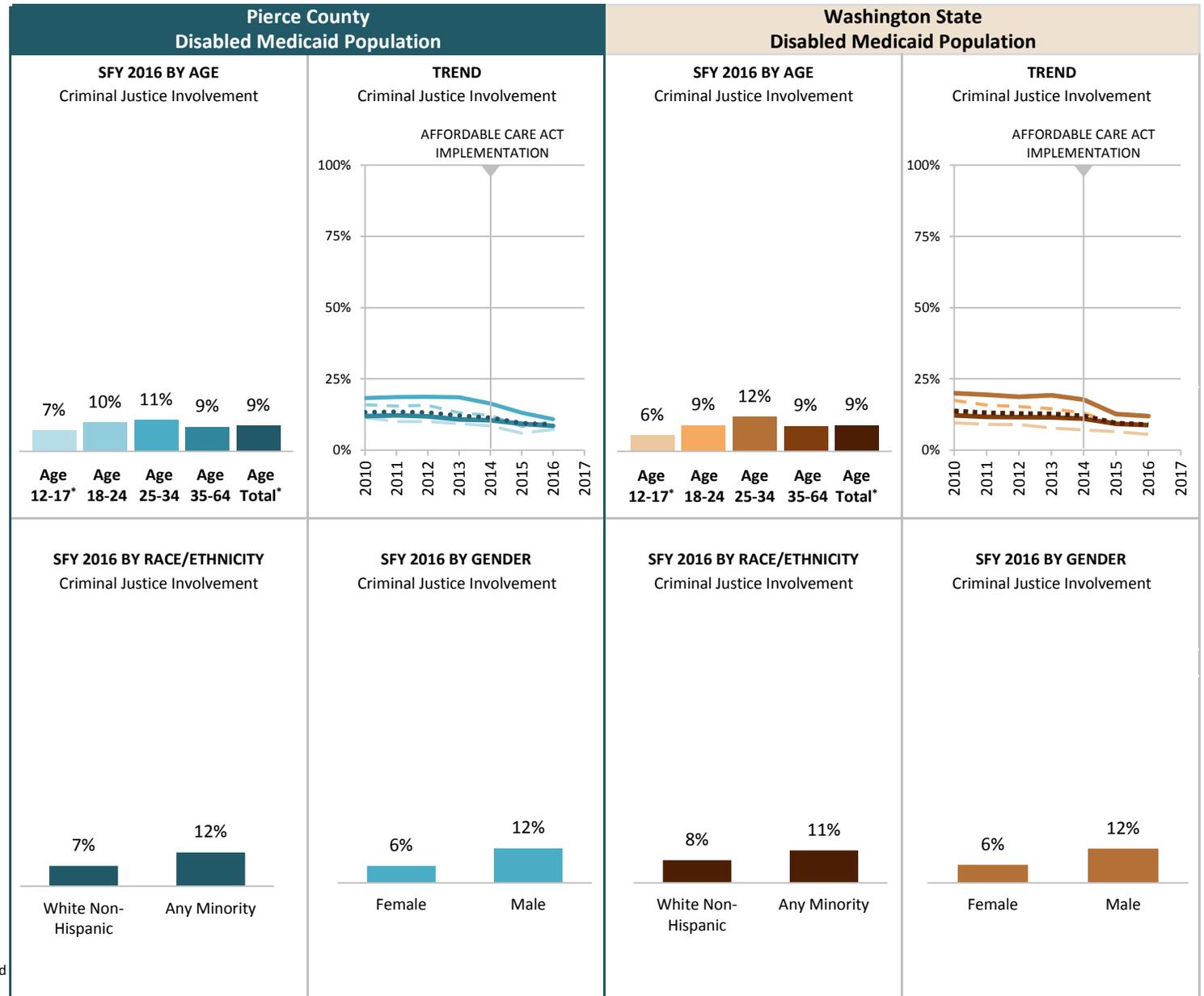
STATE:

- 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

STATE FISCAL YEAR	Pierce 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/CJ Involvement	11.5%	10.0%	10.1%	9.4%	8.5%	6.0%	7.3%		9.6%	9.1%	9.0%	7.8%	7.1%	6.5%	5.6%	
Persons w/CJ Involvement	101	89	97	95	88	62	79		610	598	623	566	523	485	435	
Total persons	882	886	965	1,016	1,032	1,030	1,086		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/CJ Involvement	15.9%	15.5%	15.8%	13.1%	12.2%	8.3%	10.0%		17.5%	15.9%	15.3%	14.6%	13.0%	9.3%	9.0%	
Persons w/CJ Involvement	263	261	272	225	192	108	131		2,169	1,986	1,921	1,859	1,545	913	868	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/CJ Involvement	18.3%	18.6%	18.7%	18.6%	16.4%	13.2%	10.8%		20.0%	19.4%	18.7%	19.3%	17.7%	12.7%	12.0%	
Persons w/CJ Involvement	428	451	473	493	414	258	210		3,380	3,397	3,437	3,740	3,260	1,728	1,631	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/CJ Involvement	12.0%	12.3%	11.9%	10.8%	10.5%	9.3%	8.5%		12.2%	11.7%	11.6%	11.5%	11.1%	9.2%	8.8%	
Persons w/CJ Involvement	1,253	1,323	1,356	1,300	1,170	787	714		9,642	9,514	9,874	10,307	9,306	5,598	5,192	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total[†] w/CJ Involvement	13.3%	13.5%	13.2%	12.1%	11.5%	9.5%	8.9%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	2,045	2,124	2,198	2,113	1,864	1,215	1,134		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	15,335	15,790	16,656	17,424	16,274	12,787	12,697		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	21.3%	20.1%	19.5%	19.2%	16.6%	14.0%	13.8%		20.4%	19.4%	18.7%	18.7%	17.8%	14.0%	14.1%	
Persons w/CJ Involvement	282	281	283	296	246	170	166		2,380	2,329	2,321	2,422	2,183	1,334	1,307	
Total persons	1,325	1,400	1,451	1,545	1,485	1,216	1,203		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/CJ Involvement	8.1%	8.2%	8.6%	7.0%	7.5%	7.1%	4.8%		8.8%	8.2%	8.4%	7.9%	7.8%	5.6%	5.1%	
Persons w/CJ Involvement	86	86	92	78	77	58	38		507	486	507	500	461	255	226	
Total persons	1,058	1,044	1,064	1,108	1,023	818	786		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/CJ Involvement	20.7%	22.2%	21.6%	19.2%	19.1%	16.7%	15.4%		22.7%	21.7%	20.8%	20.5%	19.8%	15.7%	15.1%	
Persons w/CJ Involvement	635	710	749	695	659	479	445		3,182	3,196	3,279	3,424	3,176	1,943	1,868	
Total persons	3,061	3,193	3,460	3,624	3,450	2,866	2,896		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/CJ Involvement	12.9%	12.3%	11.8%	10.1%	8.9%	7.4%	7.1%		12.7%	11.9%	11.9%	11.2%	10.3%	7.6%	7.5%	
Persons w/CJ Involvement	64	63	65	59	48	33	31		295	298	311	317	284	160	157	
Total persons	495	513	549	583	538	443	439		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/CJ Involvement	13.6%	14.7%	12.7%	12.3%	10.7%	7.8%	8.2%		14.1%	13.8%	13.2%	12.7%	12.4%	9.9%	8.8%	
Persons w/CJ Involvement	122	138	132	137	115	68	73		1,269	1,340	1,411	1,464	1,361	862	785	
Total persons	894	936	1,039	1,110	1,072	872	895		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/CJ Involvement	11.2%	10.9%	10.8%	10.0%	9.4%	7.4%	6.9%		12.2%	11.5%	11.3%	11.3%	10.6%	8.3%	7.8%	
Persons w/CJ Involvement	974	975	1,006	976	846	513	475		9,044	8,717	8,886	9,272	8,084	4,720	4,342	
Total persons	8,704	8,941	9,328	9,712	9,042	6,939	6,846		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/CJ Involvement	16.7%	17.3%	16.8%	15.3%	14.5%	12.3%	11.6%		17%	17%	16%	16%	15%	12%	11%	
Persons w/CJ Involvement	1,068	1,139	1,179	1,132	1,012	697	654		6,712	6,723	6,906	7,135	6,503	3,970	3,747	
Total persons	6,392	6,582	7,033	7,409	6,988	5,653	5,645		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/CJ Involvement	8.9%	9.0%	8.8%	8.1%	7.2%	6.7%	5.9%		9.2%	8.9%	8.6%	8.5%	7.9%	6.7%	6.2%	
Persons w/CJ Involvement	706	722	737	708	582	435	378		5,307	5,309	5,287	5,421	4,694	3,056	2,757	
Total persons	7,890	8,014	8,419	8,709	8,052	6,470	6,397		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/CJ Involvement	18.0%	18.0%	17.7%	16.1%	15.6%	12.3%	12.0%		18.5%	17.4%	17.1%	16.8%	16.0%	12.3%	11.8%	
Persons w/CJ Involvement	1,339	1,402	1,461	1,405	1,282	780	756		10,494	10,186	10,568	11,051	9,940	5,668	5,369	
Total persons	7,445	7,776	8,237	8,715	8,222	6,317	6,300		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

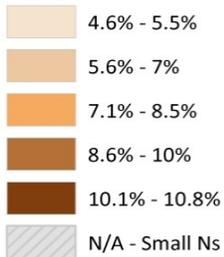
MARCH 2017

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.

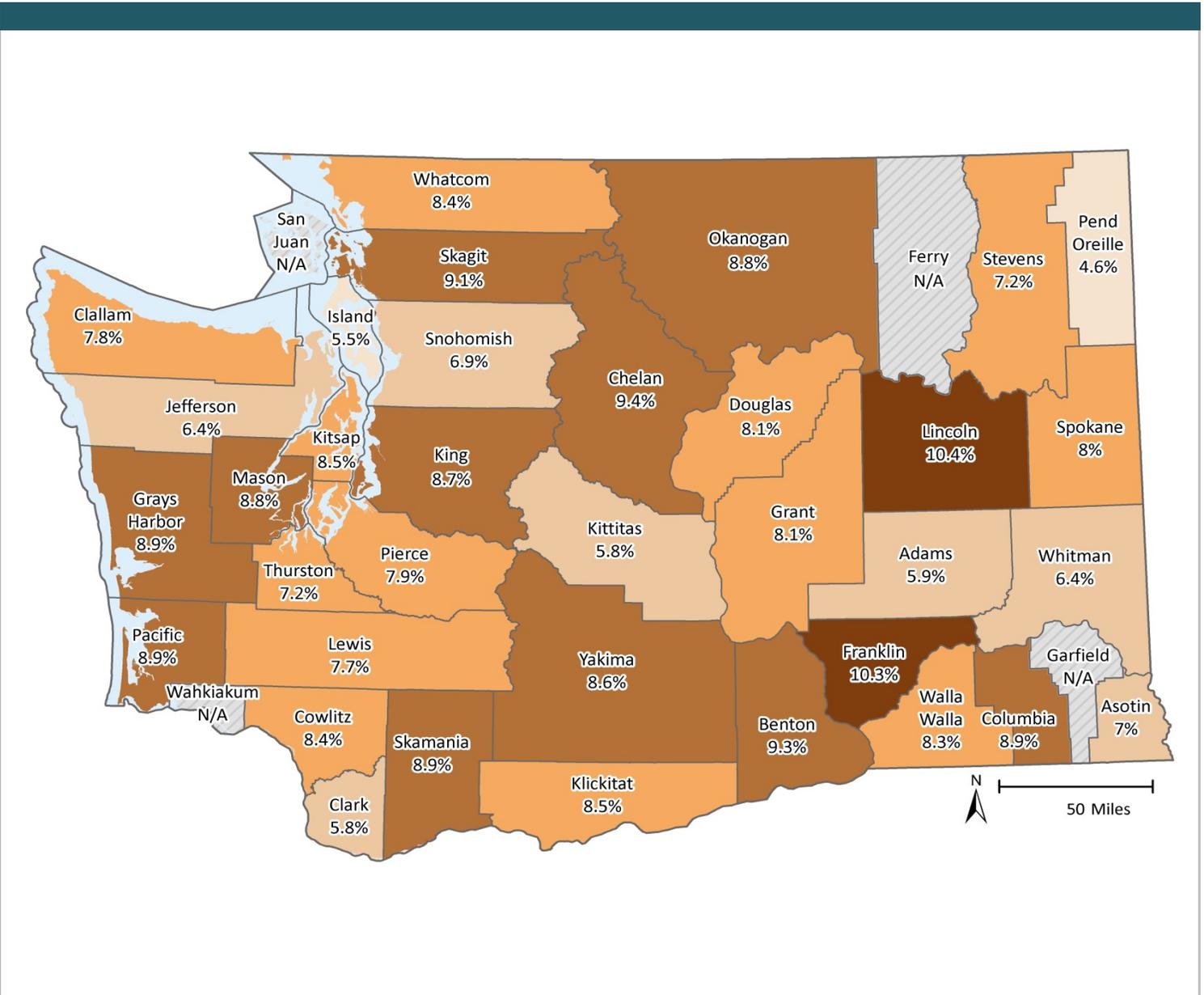
Percent of Medicaid-Disabled Youth and Adults with Criminal Justice Involvement



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*

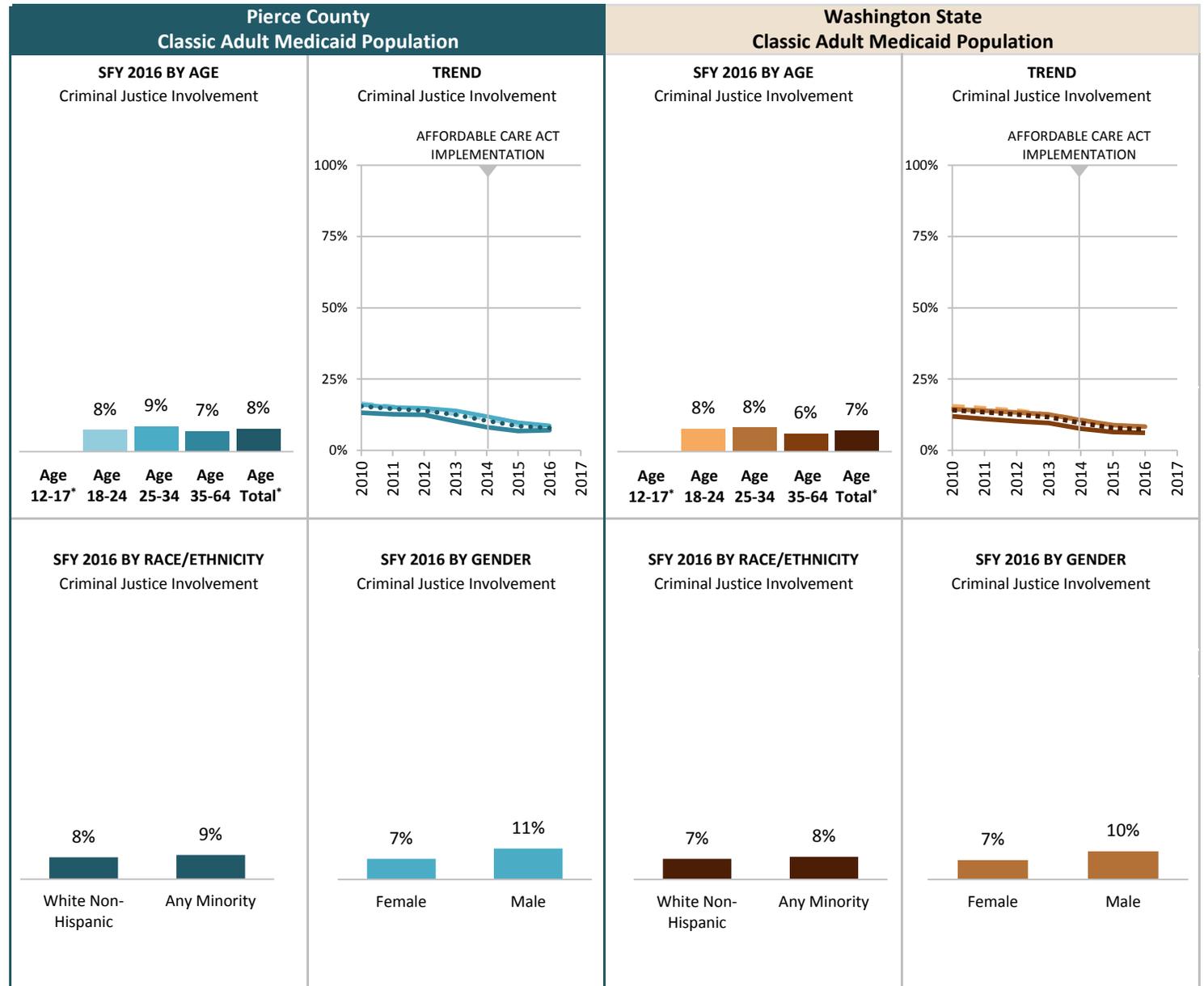
STATE:

- 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	Pierce 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/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement	16.7%	15.6%	14.0%	12.6%	10.9%	8.7%	7.5%		15.7%	15.0%	14.2%	12.7%	11.1%	8.7%	8.0%	
Persons w/CJ Involvement	1,271	1,196	1,031	851	657	436	313		8,439	7,983	7,124	5,956	4,651	3,024	2,382	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/CJ Involvement	16.0%	15.1%	14.9%	14.0%	12.0%	9.8%	8.7%		14.5%	13.9%	13.3%	12.6%	10.6%	8.9%	8.3%	
Persons w/CJ Involvement	1,790	1,831	1,885	1,803	1,592	1,325	1,126		11,497	11,820	11,327	10,668	9,545	8,141	7,290	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/CJ Involvement	13.3%	12.7%	12.5%	10.2%	8.2%	6.8%	7.0%		12.0%	11.1%	10.3%	9.6%	7.6%	6.4%	6.2%	
Persons w/CJ Involvement	937	1,016	1,053	885	826	752	777		6,476	6,470	6,166	5,834	5,858	5,576	5,307	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total[†] w/CJ Involvement	15.4%	14.5%	13.9%	12.5%	10.5%	8.5%	7.9%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	3,998	4,043	3,969	3,539	3,075	2,513	2,216		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	23.3%	20.8%	20.6%	17.5%	16.2%	14.3%	12.9%		23.3%	22.2%	21.3%	19.7%	17.6%	15.2%	14.6%	
Persons w/CJ Involvement	443	410	428	367	332	287	233		3,665	3,568	3,389	3,068	2,731	2,241	2,018	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/CJ Involvement	12.2%	11.9%	12.7%	10.3%	7.5%	5.8%	5.3%		10.4%	9.6%	9.4%	8.0%	6.2%	5.0%	4.5%	
Persons w/CJ Involvement	199	210	229	190	156	128	111		931	943	976	838	796	691	602	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/CJ Involvement	23.4%	20.8%	21.1%	18.5%	15.4%	12.7%	11.5%		19.2%	17.8%	16.6%	15.2%	13.3%	10.9%	9.8%	
Persons w/CJ Involvement	1,140	1,099	1,132	994	814	655	553		3,932	3,913	3,721	3,416	3,100	2,467	2,076	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/CJ Involvement	12.8%	12.8%	12.3%	10.9%	8.2%	6.4%	5.8%		12.9%	12.2%	11.7%	9.5%	8.1%	6.5%	5.9%	
Persons w/CJ Involvement	215	231	237	217	180	148	135		848	878	894	760	748	649	568	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/CJ Involvement	12.9%	13.0%	13.2%	12.9%	9.7%	7.7%	6.8%		13.9%	13.7%	12.9%	12.2%	9.5%	7.7%	7.0%	
Persons w/CJ Involvement	339	384	419	410	342	287	244		3,888	4,127	4,010	3,792	3,504	2,959	2,586	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/CJ Involvement	13.9%	13.5%	12.3%	11.2%	9.7%	8.0%	7.7%		13.3%	12.6%	11.8%	11.1%	9.0%	7.6%	7.3%	
Persons w/CJ Involvement	1,931	2,004	1,870	1,667	1,511	1,235	1,130		14,551	14,305	13,221	12,069	10,538	8,895	8,099	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/CJ Involvement	18.1%	16.7%	16.6%	14.6%	11.8%	9.4%	8.5%		16%	15%	14%	13%	11%	9%	8%	
Persons w/CJ Involvement	2,006	1,998	2,056	1,836	1,542	1,262	1,078		11,590	11,738	11,206	10,252	9,400	7,749	6,782	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/CJ Involvement	12.9%	12.4%	11.9%	10.6%	9.2%	7.7%	7.2%		11.7%	11.2%	10.5%	9.8%	8.3%	7.1%	6.7%	
Persons w/CJ Involvement	2,625	2,668	2,622	2,334	2,114	1,815	1,636		16,960	16,967	15,867	14,617	13,376	11,812	10,694	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/CJ Involvement	25.0%	22.1%	21.1%	19.3%	15.1%	11.9%	10.8%		22.5%	20.5%	19.5%	18.1%	13.7%	10.4%	9.8%	
Persons w/CJ Involvement	1,373	1,375	1,347	1,205	961	698	580		9,452	9,306	8,750	7,841	6,678	4,929	4,285	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Criminal Justice Involvement Rates

Among Medicaid-Classic Adults, by County

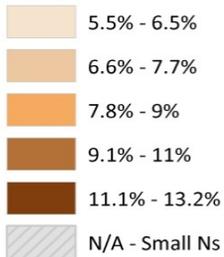
MARCH 2017

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.

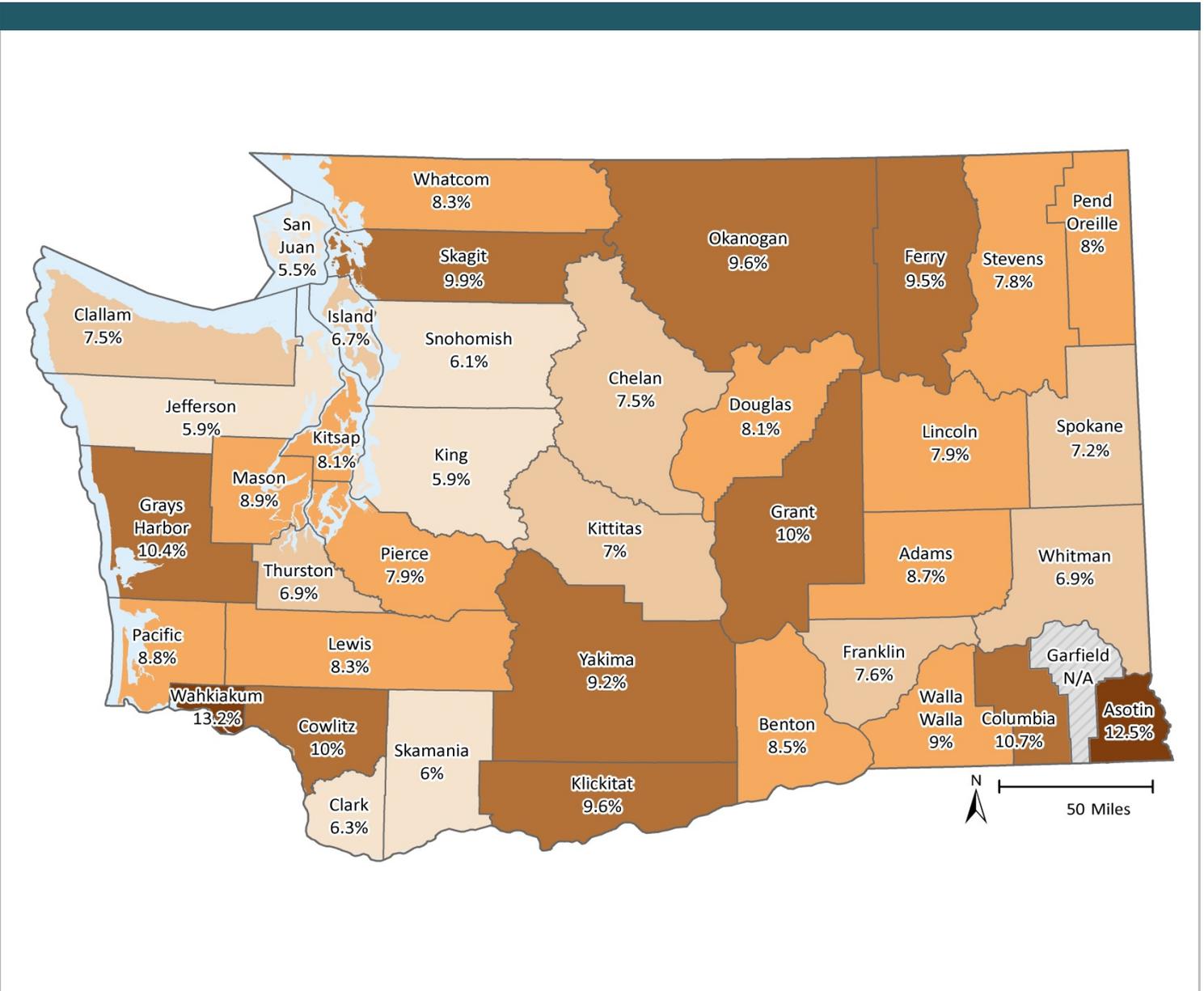
Percent of Medicaid-Classic Adults with Criminal Justice Involvement



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*

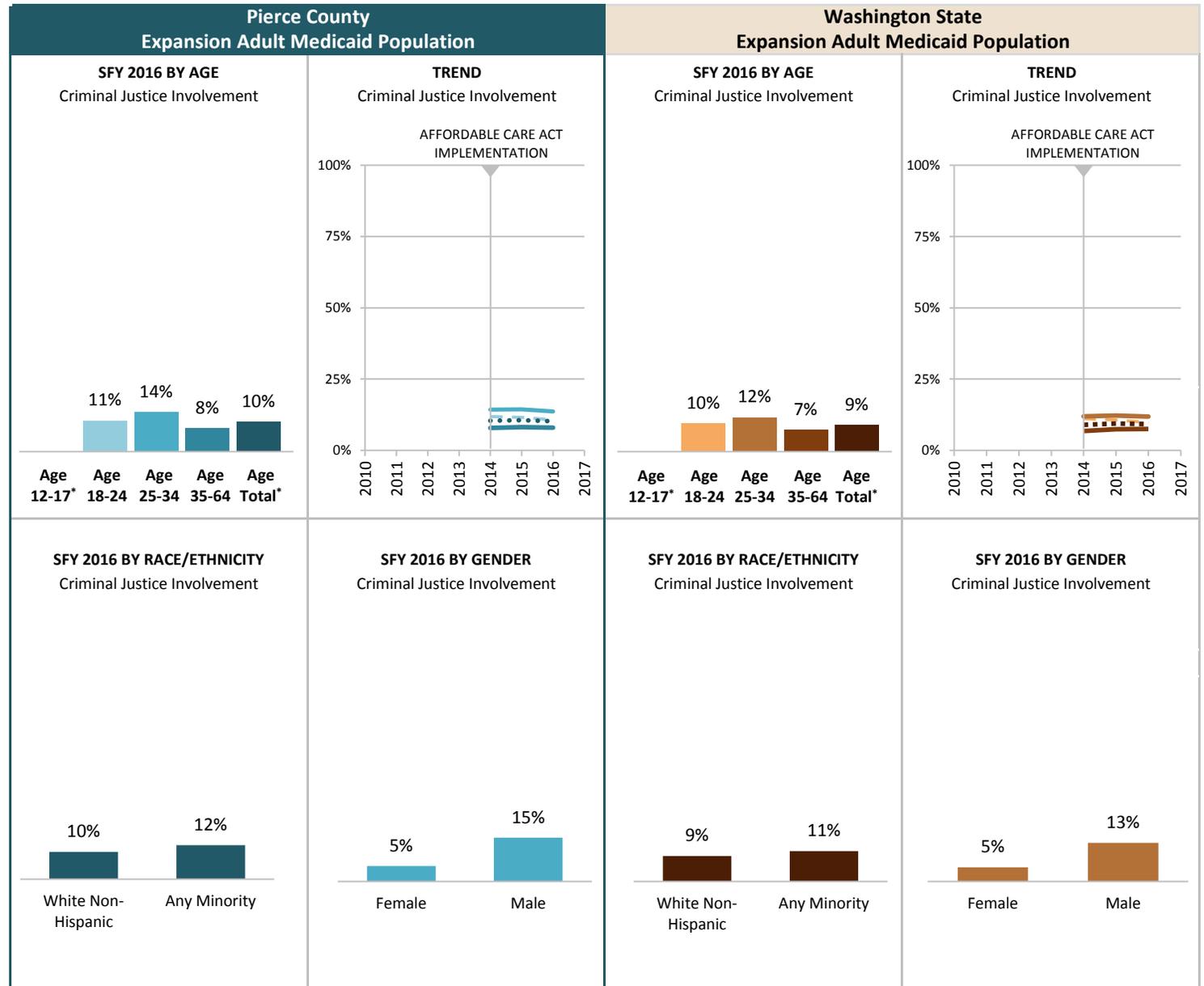
STATE:

- 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	Pierce 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					11.9%	11.6%	10.7%						11.2%	10.7%	9.8%	
Persons w/CJ Involvement					783	1,389	1,518						6,674	11,052	11,751	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/CJ Involvement					14.3%	14.4%	13.7%						12.0%	12.2%	11.9%	
Persons w/CJ Involvement					1,691	3,027	3,440						12,268	21,609	24,337	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/CJ Involvement					7.9%	8.2%	8.0%						6.8%	7.4%	7.5%	
Persons w/CJ Involvement					1,765	3,028	3,299						13,440	23,522	25,844	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total[†] w/CJ Involvement					10.4%	10.6%	10.3%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					4,239	7,444	8,257						32,382	56,183	61,932	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement					17.6%	18.7%	17.1%						21.4%	21.3%	19.8%	
Persons w/CJ Involvement					326	652	697						3,599	6,462	6,981	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/CJ Involvement					5.4%	6.1%	5.9%						4.1%	4.7%	4.7%	
Persons w/CJ Involvement					213	366	390						1,365	2,290	2,430	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/CJ Involvement					17.7%	17.9%	17.3%						14.9%	15.7%	15.4%	
Persons w/CJ Involvement					991	1,805	2,063						4,205	7,707	8,631	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/CJ Involvement					8.9%	9.3%	8.6%						8.0%	8.0%	7.8%	
Persons w/CJ Involvement					168	340	389						917	1,629	1,830	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/CJ Involvement					9.3%	9.8%	9.3%						8.5%	9.2%	9.3%	
Persons w/CJ Involvement					367	690	766						4,450	7,829	9,022	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/CJ Involvement					9.9%	9.8%	9.6%						8.9%	9.1%	8.9%	
Persons w/CJ Involvement					2,381	3,978	4,404						19,312	32,907	35,892	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/CJ Involvement					11.7%	12.4%	11.9%						10%	11%	11%	
Persons w/CJ Involvement					1,825	3,377	3,761						12,841	22,753	25,401	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/CJ Involvement					6.0%	5.8%	5.4%						4.8%	5.0%	4.9%	
Persons w/CJ Involvement					1,240	2,008	2,162						8,688	14,742	16,055	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/CJ Involvement					14.9%	15.4%	15.1%						13.1%	13.6%	13.4%	
Persons w/CJ Involvement					2,999	5,436	6,095						23,694	41,441	45,877	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

Criminal Justice Involvement Rates

Among Medicaid-Expansion Adults, by County

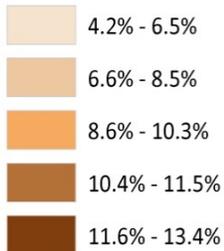
MARCH 2017

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.

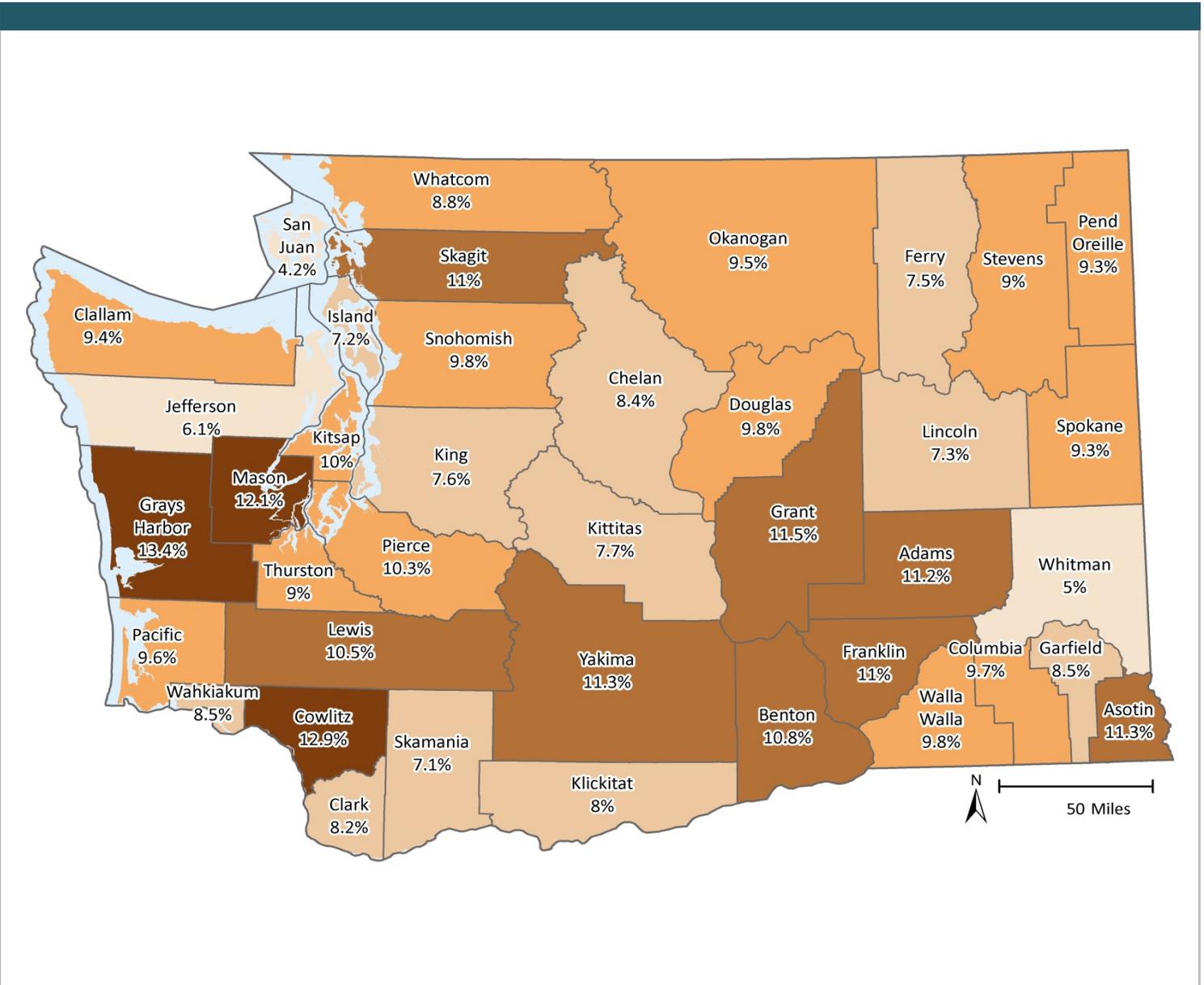
Percent of Medicaid-Expansion Adults with Criminal Justice Involvement



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*

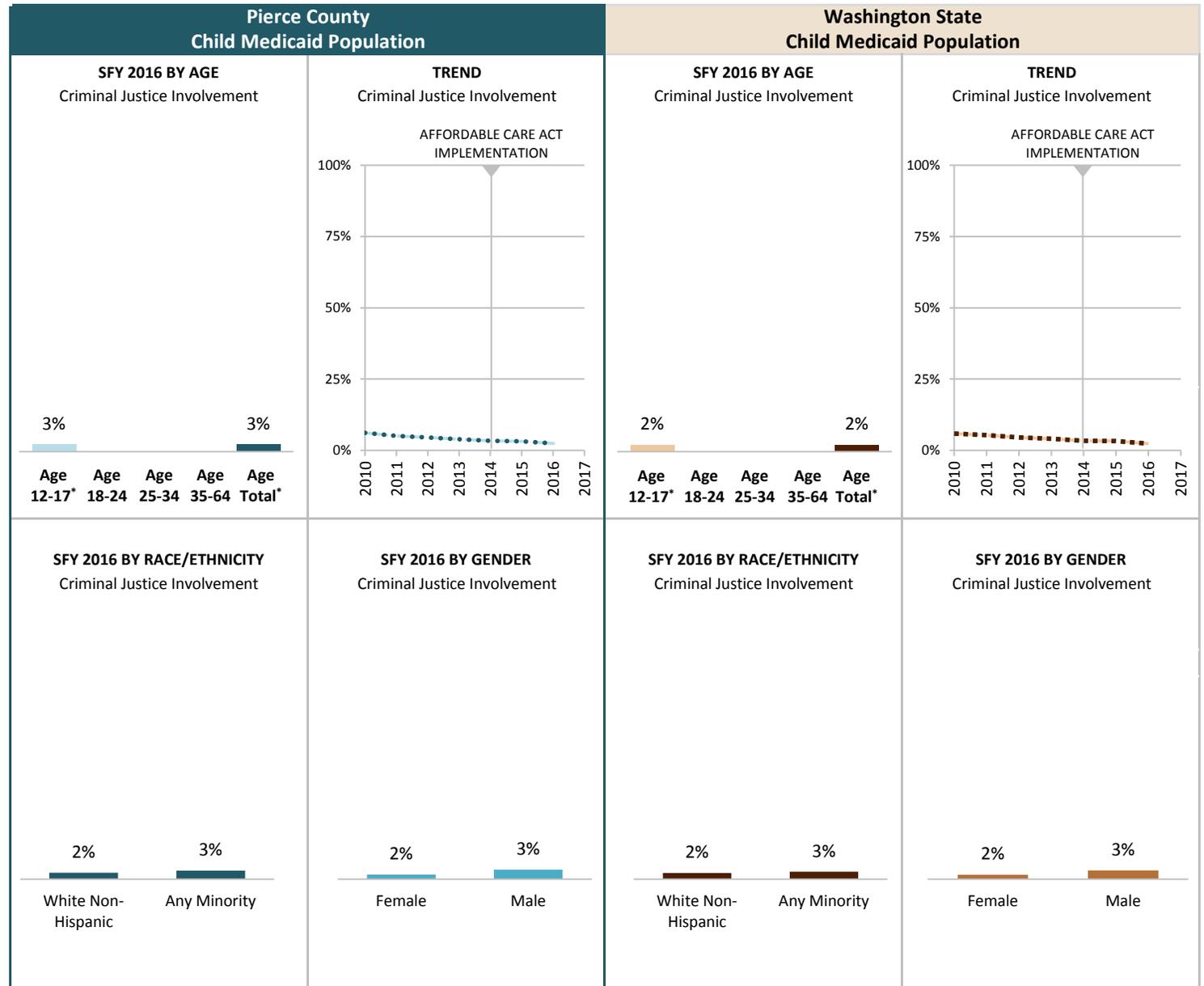
STATE:

- 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

STATE FISCAL YEAR	Pierce County Child Medicaid Population								Washington State Child 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	6.2%	5.1%	4.5%	3.9%	3.4%	3.2%	2.5%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	1,195	1,057	976	882	823	811	672		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		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	6.2%	5.1%	4.5%	3.9%	3.4%	3.2%	2.5%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	1,195	1,057	976	882	823	811	672		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	19,347	20,624	21,486	22,491	24,096	25,239	26,651		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	9.7%	8.3%	7.4%	7.0%	6.0%	6.3%	5.0%		10.4%	9.3%	8.5%	8.2%	7.1%	7.0%	5.2%	
Persons w/CJ Involvement	142	126	118	116	103	110	90		1,269	1,186	1,094	1,072	931	923	709	
Total persons	1,470	1,516	1,600	1,663	1,716	1,737	1,786		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/CJ Involvement	4.0%	3.9%	4.1%	2.8%	2.4%	2.3%	1.1%		3.8%	3.5%	3.0%	2.5%	1.8%	1.8%	1.2%	
Persons w/CJ Involvement	62	66	75	54	52	54	27		426	428	375	324	261	271	193	
Total persons	1,539	1,708	1,826	1,928	2,185	2,320	2,369		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/CJ Involvement	9.0%	7.7%	7.9%	7.0%	6.2%	5.6%	5.4%		8.7%	7.7%	6.9%	6.4%	5.5%	5.4%	4.5%	
Persons w/CJ Involvement	353	314	337	309	284	266	269		1,548	1,426	1,324	1,283	1,142	1,145	997	
Total persons	3,910	4,088	4,242	4,386	4,573	4,750	4,969		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/CJ Involvement	5.0%	4.7%	4.7%	4.0%	2.8%	3.1%	2.2%		4.8%	4.3%	4.1%	3.7%	2.9%	3.0%	2.2%	
Persons w/CJ Involvement	69	69	74	67	51	59	46		315	313	318	297	251	276	212	
Total persons	1,383	1,479	1,572	1,691	1,832	1,924	2,117		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/CJ Involvement	5.7%	4.6%	4.2%	3.3%	2.8%	2.4%	2.0%		6.1%	5.7%	4.7%	4.1%	3.3%	3.2%	2.3%	
Persons w/CJ Involvement	197	167	169	142	132	125	112		2,681	2,715	2,383	2,191	1,944	2,006	1,564	
Total persons	3,446	3,639	3,979	4,285	4,797	5,217	5,728		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/CJ Involvement	5.8%	4.8%	3.9%	3.2%	3.1%	3.1%	2.2%		5.4%	5.0%	4.1%	3.9%	3.2%	3.1%	2.2%	
Persons w/CJ Involvement	504	449	369	316	323	324	240		4,088	3,971	3,367	3,168	2,781	2,795	2,075	
Total persons	8,708	9,360	9,558	9,837	10,372	10,614	10,968		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/CJ Involvement	6.8%	5.7%	5.3%	4.7%	3.8%	3.5%	3.0%		7%	6%	5%	5%	4%	4%	3%	
Persons w/CJ Involvement	686	601	600	563	494	480	428		5,388	5,196	4,684	4,395	3,874	3,901	3,099	
Total persons	10,067	10,627	11,227	11,883	12,872	13,604	14,476		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/CJ Involvement	4.3%	3.4%	3.2%	2.7%	2.3%	2.2%	1.7%		4.2%	3.8%	3.2%	2.9%	2.4%	2.3%	1.6%	
Persons w/CJ Involvement	419	346	348	295	279	273	224		3,439	3,277	2,817	2,651	2,324	2,329	1,751	
Total persons	9,714	10,307	10,728	11,112	12,009	12,648	13,313		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/CJ Involvement	8.1%	6.9%	5.8%	5.2%	4.5%	4.3%	3.4%		7.5%	6.8%	5.9%	5.3%	4.4%	4.2%	3.1%	
Persons w/CJ Involvement	776	711	628	587	544	538	448		6,103	5,960	5,282	4,941	4,378	4,411	3,458	
Total persons	9,633	10,317	10,758	11,379	12,087	12,591	13,338		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Criminal Justice Involvement Rates Among Medicaid-Children, by County

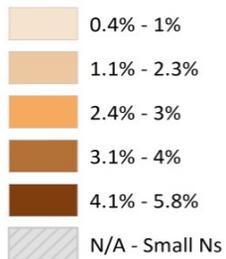
MARCH 2017

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.

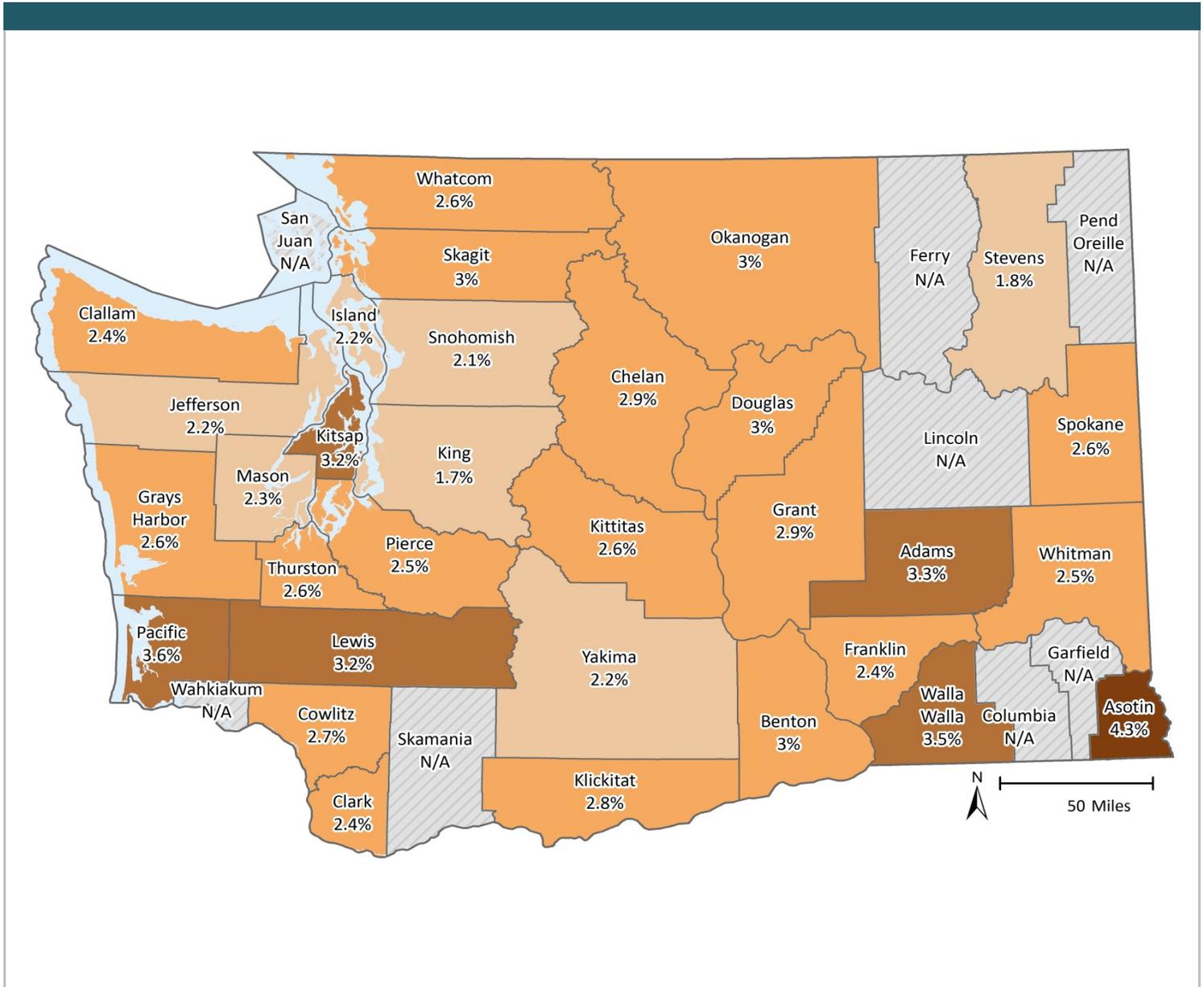
Percent of Medicaid-Children with Criminal Justice Involvement



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.





Pierce County

Behavioral Health Treatment Needs and Outcomes

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

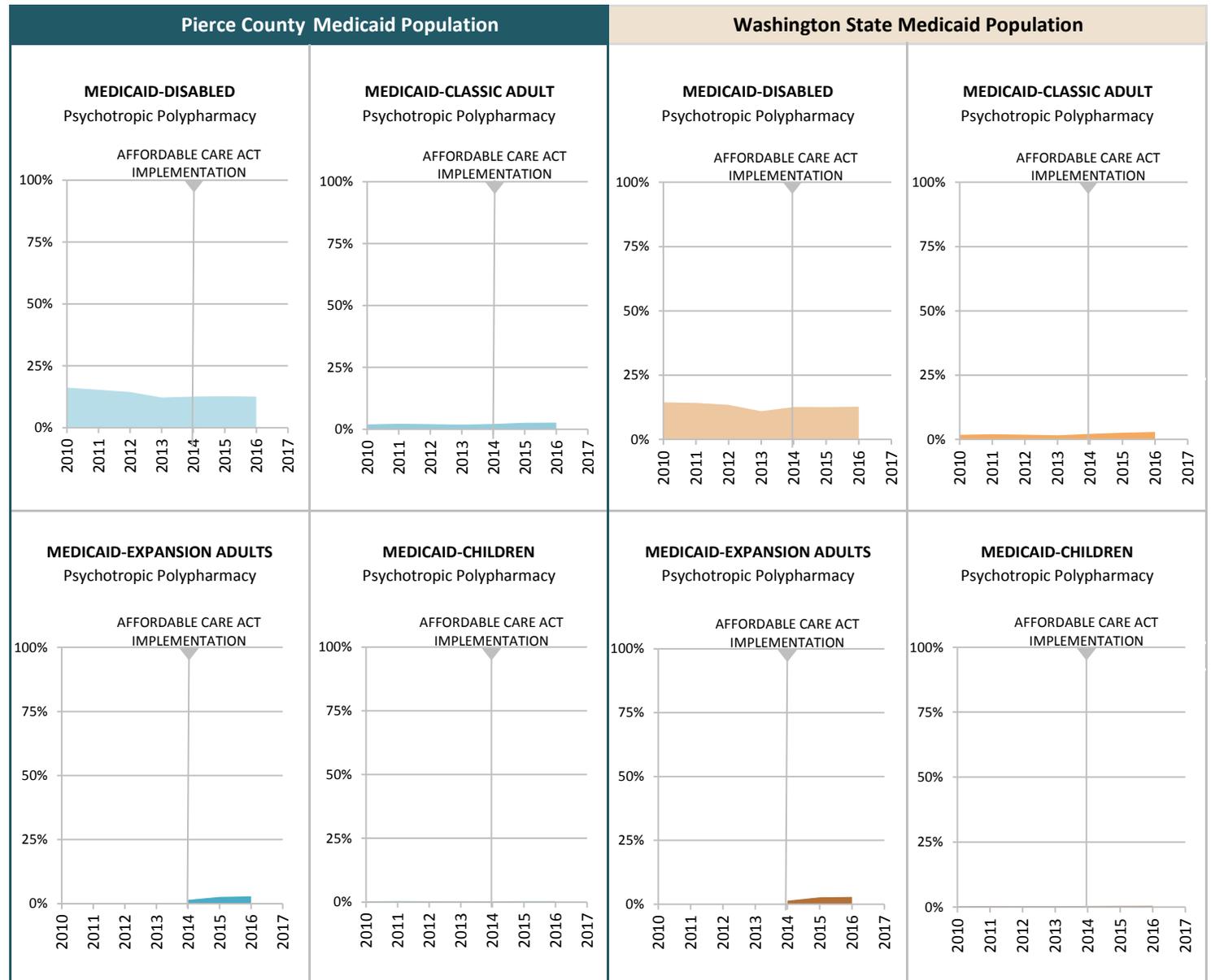
STATE:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	16.2%	15.3%	14.4%	12.2%	12.5%	12.7%	12.5%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	2,711	2,638	2,618	2,317	2,246	1,825	1,792		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	1.9%	2.2%	2.0%	1.8%	2.1%	2.6%	2.7%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	498	608	581	522	618	764	745		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					1.4%	2.6%	2.8%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					591	1,828	2,279						4,922	16,087	19,012	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	214	265	249	260	251	292	312		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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*

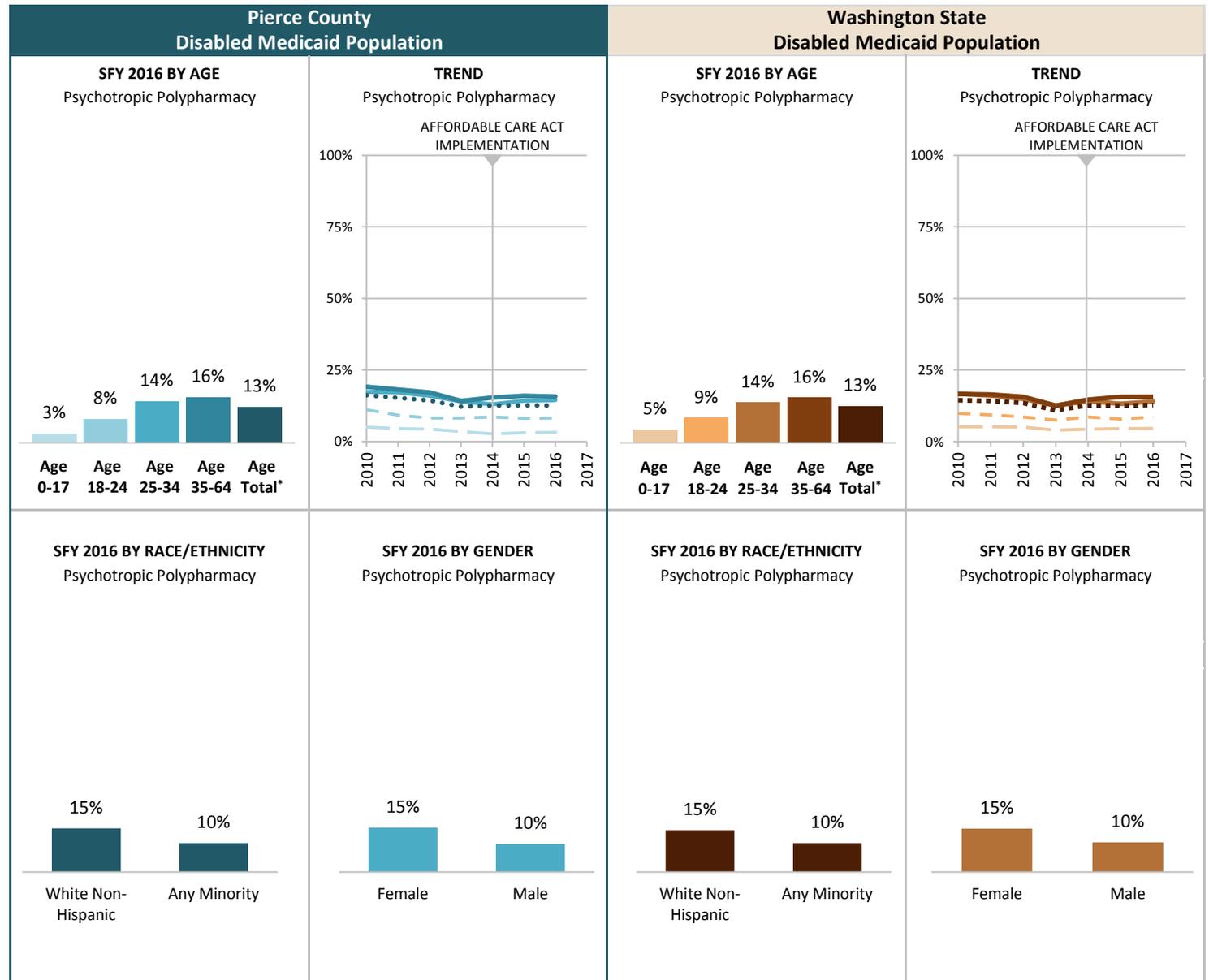
STATE:

- 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	Pierce 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.	5.1%	4.6%	4.4%	3.5%	2.7%	3.1%	3.3%		5.2%	5.2%	5.1%	4.0%	4.3%	4.5%	4.6%	
Persons w/psy. polypharm.	118	107	110	92	73	82	89		866	897	912	733	798	832	863	
Total persons	2,313	2,346	2,510	2,637	2,672	2,634	2,710		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/psy. polypharm.	11.1%	9.2%	8.2%	8.2%	8.6%	8.2%	8.2%		9.8%	9.3%	8.6%	7.5%	8.6%	7.9%	8.6%	
Persons w/psy. polypharm.	183	156	142	141	136	106	107		1,219	1,161	1,077	961	1,017	770	829	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/psy. polypharm.	17.4%	17.2%	16.0%	14.0%	13.0%	14.2%	14.4%		16.7%	16.1%	14.9%	12.5%	14.1%	13.2%	14.0%	
Persons w/psy. polypharm.	406	416	405	372	327	279	280		2,834	2,813	2,729	2,425	2,599	1,802	1,906	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/psy. polypharm.	19.2%	18.1%	17.1%	14.2%	15.3%	16.0%	15.7%		16.6%	16.5%	15.6%	12.6%	14.7%	15.6%	15.6%	
Persons w/psy. polypharm.	2,004	1,959	1,961	1,712	1,710	1,358	1,316		13,096	13,369	13,348	11,275	12,312	9,460	9,259	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total† w/psy. polypharm.	16.2%	15.3%	14.4%	12.2%	12.5%	12.7%	12.5%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	2,711	2,638	2,618	2,317	2,246	1,825	1,792		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	19.5%	18.4%	16.5%	15.8%	15.2%	14.7%	15.2%		16.5%	16.0%	14.9%	12.6%	14.1%	13.9%	14.3%	
Persons w/psy. polypharm.	286	280	261	269	249	199	202		2,082	2,076	1,998	1,764	1,872	1,446	1,449	
Total persons	1,466	1,520	1,582	1,699	1,640	1,351	1,330		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/psy. polypharm.	10.4%	10.8%	11.7%	10.1%	9.6%	10.6%	11.1%		10.5%	10.6%	10.8%	9.2%	9.9%	10.4%	11.2%	
Persons w/psy. polypharm.	119	123	135	121	107	97	98		646	670	695	622	636	525	558	
Total persons	1,139	1,136	1,152	1,196	1,112	913	880		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/psy. polypharm.	11.6%	11.0%	10.5%	9.4%	9.5%	9.5%	9.0%		11.4%	11.4%	10.8%	8.9%	9.8%	9.6%	9.3%	
Persons w/psy. polypharm.	405	403	415	390	382	324	306		1,798	1,887	1,903	1,663	1,761	1,368	1,334	
Total persons	3,506	3,672	3,963	4,155	4,008	3,396	3,407		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/psy. polypharm.	11.5%	8.5%	8.1%	8.7%	8.1%	8.9%	8.0%		11.0%	10.4%	10.0%	8.9%	9.3%	10.4%	10.2%	
Persons w/psy. polypharm.	66	51	53	60	53	50	44		295	302	305	291	303	272	267	
Total persons	572	600	653	687	651	561	551		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/psy. polypharm.	11.0%	10.6%	8.9%	8.3%	8.7%	7.1%	6.9%		8.2%	8.3%	7.9%	6.6%	7.8%	7.1%	7.5%	
Persons w/psy. polypharm.	127	128	118	117	119	84	85		986	1,067	1,100	976	1,121	866	913	
Total persons	1,154	1,211	1,322	1,412	1,362	1,179	1,227		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/psy. polypharm.	19.0%	18.0%	17.2%	14.0%	14.6%	15.3%	15.1%		16.2%	16.0%	15.1%	12.3%	14.3%	14.5%	14.7%	
Persons w/psy. polypharm.	1,760	1,704	1,696	1,443	1,400	1,143	1,124		12,727	12,774	12,568	10,595	11,589	8,853	8,786	
Total persons	9,241	9,476	9,871	10,288	9,612	7,484	7,420		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/psych polypharm.	13.0%	12.4%	11.5%	10.4%	10.5%	10.2%	10.0%		12%	12%	11%	9%	10%	10%	10%	
Persons w/psy. polypharm.	939	920	917	869	838	675	660		5,233	5,413	5,439	4,758	5,080	3,967	4,017	
Total persons	7,217	7,447	7,953	8,374	7,969	6,621	6,601		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/psy. polypharm.	19.3%	18.6%	17.6%	14.8%	15.4%	15.4%	15.5%		16.9%	16.8%	15.9%	13.1%	15.0%	15.1%	15.2%	
Persons w/psy. polypharm.	1,625	1,583	1,575	1,373	1,326	1,078	1,072		10,386	10,599	10,431	8,849	9,495	7,465	7,353	
Total persons	8,406	8,519	8,961	9,296	8,623	7,000	6,924		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/psy. polypharm.	13.0%	12.1%	11.3%	9.7%	9.9%	10.1%	9.7%		12.1%	11.7%	11.1%	9.0%	10.4%	10.2%	10.4%	
Persons w/psy. polypharm.	1,086	1,055	1,043	944	920	747	720		7,629	7,641	7,635	6,545	7,231	5,399	5,504	
Total persons	8,360	8,731	9,240	9,749	9,291	7,391	7,397		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

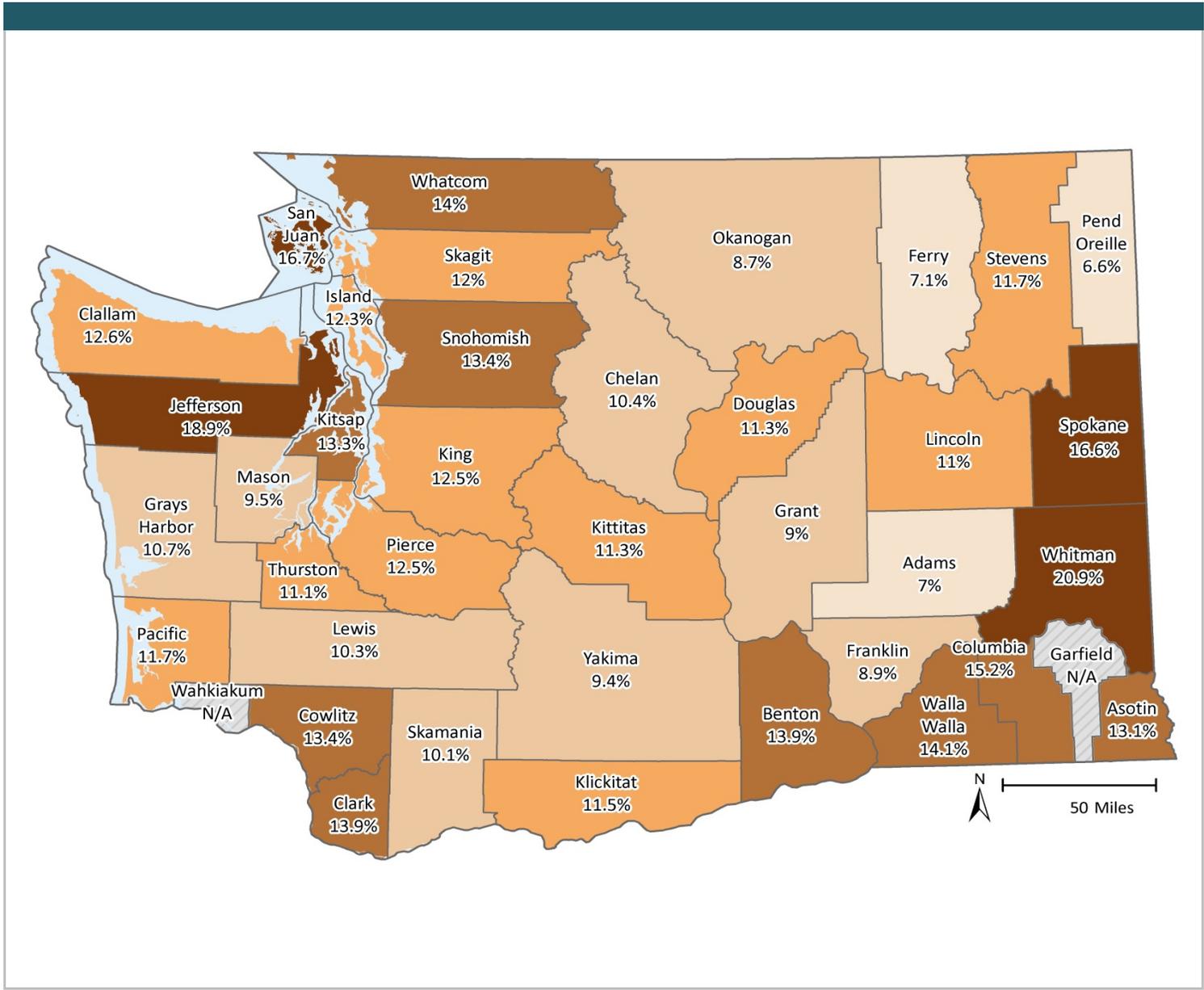
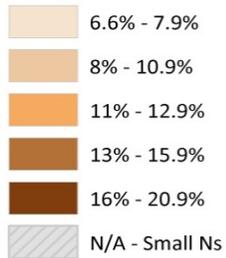
MARCH 2017

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*

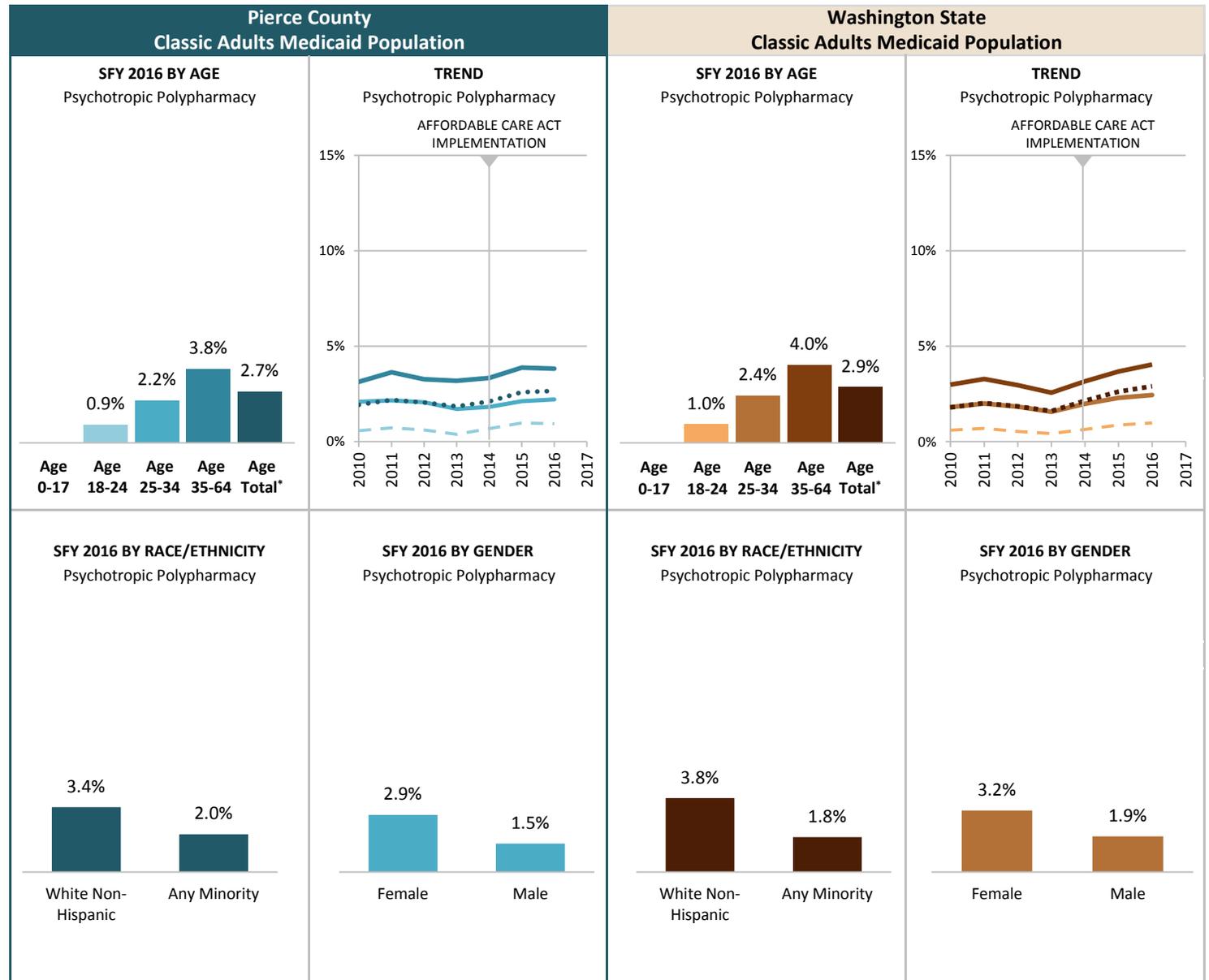
STATE:

- 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

STATE FISCAL YEAR	Pierce County Classic Adults Medicaid Population								Washington State Classic 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.	0.6%	0.7%	0.6%	0.4%	0.7%	1.0%	0.9%		0.6%	0.7%	0.5%	0.4%	0.6%	0.9%	1.0%	
Persons w/psy. polypharm.	44	55	45	26	41	49	39		318	371	268	198	268	302	290	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/psy. polypharm.	2.1%	2.2%	2.1%	1.7%	1.8%	2.1%	2.2%		1.8%	2.0%	1.8%	1.6%	2.0%	2.3%	2.4%	
Persons w/psy. polypharm.	233	262	261	221	241	285	284		1,431	1,691	1,558	1,328	1,777	2,096	2,130	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/psy. polypharm.	3.1%	3.6%	3.3%	3.2%	3.3%	3.9%	3.8%		3.0%	3.3%	3.0%	2.6%	3.2%	3.7%	4.0%	
Persons w/psy. polypharm.	221	291	275	275	336	430	422		1,610	1,917	1,774	1,551	2,436	3,181	3,451	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total† w/psy. polypharm.	1.9%	2.2%	2.0%	1.8%	2.1%	2.6%	2.7%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	498	608	581	522	618	764	745		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	3.4%	3.9%	2.5%	2.4%	2.6%	3.9%	3.9%		2.9%	3.1%	2.5%	2.3%	2.9%	3.4%	3.9%	
Persons w/psy. polypharm.	64	76	51	50	54	79	70		451	495	391	353	446	497	538	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/psy. polypharm.	1.2%	1.2%	1.4%	0.9%	1.1%	1.4%	1.4%		0.9%	1.0%	0.9%	0.8%	1.0%	1.1%	1.2%	
Persons w/psy. polypharm.	20	22	26	16	23	31	29		77	96	93	83	128	153	162	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/psy. polypharm.	1.4%	1.6%	1.5%	1.4%	1.3%	1.8%	1.8%		1.1%	1.4%	1.2%	1.0%	1.4%	1.7%	1.9%	
Persons w/psy. polypharm.	67	85	79	76	68	94	88		223	314	275	229	334	391	399	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/psy. polypharm.	0.8%	0.8%	0.9%	0.7%	1.0%	1.0%	0.7%		0.8%	0.9%	1.0%	0.8%	1.0%	1.1%	1.1%	
Persons w/psy. polypharm.	14	14	18	13	22	23	17		53	66	75	62	95	112	102	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/psy. polypharm.	1.3%	1.6%	1.9%	1.4%	1.6%	1.9%	2.1%		1.0%	1.1%	1.1%	0.9%	1.1%	1.4%	1.6%	
Persons w/psy. polypharm.	35	46	61	46	56	71	77		272	326	341	283	417	549	579	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/psy. polypharm.	2.4%	2.7%	2.6%	2.3%	2.7%	3.3%	3.4%		2.2%	2.5%	2.3%	2.0%	2.8%	3.5%	3.8%	
Persons w/psy. polypharm.	331	396	390	340	423	515	492		2,420	2,836	2,570	2,194	3,241	4,088	4,282	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/psych polypharm.	1.5%	1.7%	1.5%	1.4%	1.5%	1.8%	2.0%		1.3%	1.5%	1.3%	1.1%	1.4%	1.6%	1.8%	
Persons w/psy. polypharm.	165	207	189	179	192	246	247		925	1,125	1,010	875	1,219	1,467	1,544	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/psy. polypharm.	2.2%	2.5%	2.3%	2.1%	2.4%	2.9%	2.9%		2.0%	2.3%	2.1%	1.8%	2.4%	2.9%	3.2%	
Persons w/psy. polypharm.	452	537	517	460	548	675	666		2,927	3,470	3,164	2,714	3,882	4,790	5,061	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/psy. polypharm.	0.8%	1.1%	1.0%	1.0%	1.1%	1.5%	1.5%		1.0%	1.1%	1.0%	0.8%	1.2%	1.7%	1.9%	
Persons w/psy. polypharm.	46	71	64	62	70	89	79		432	509	436	363	599	789	810	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

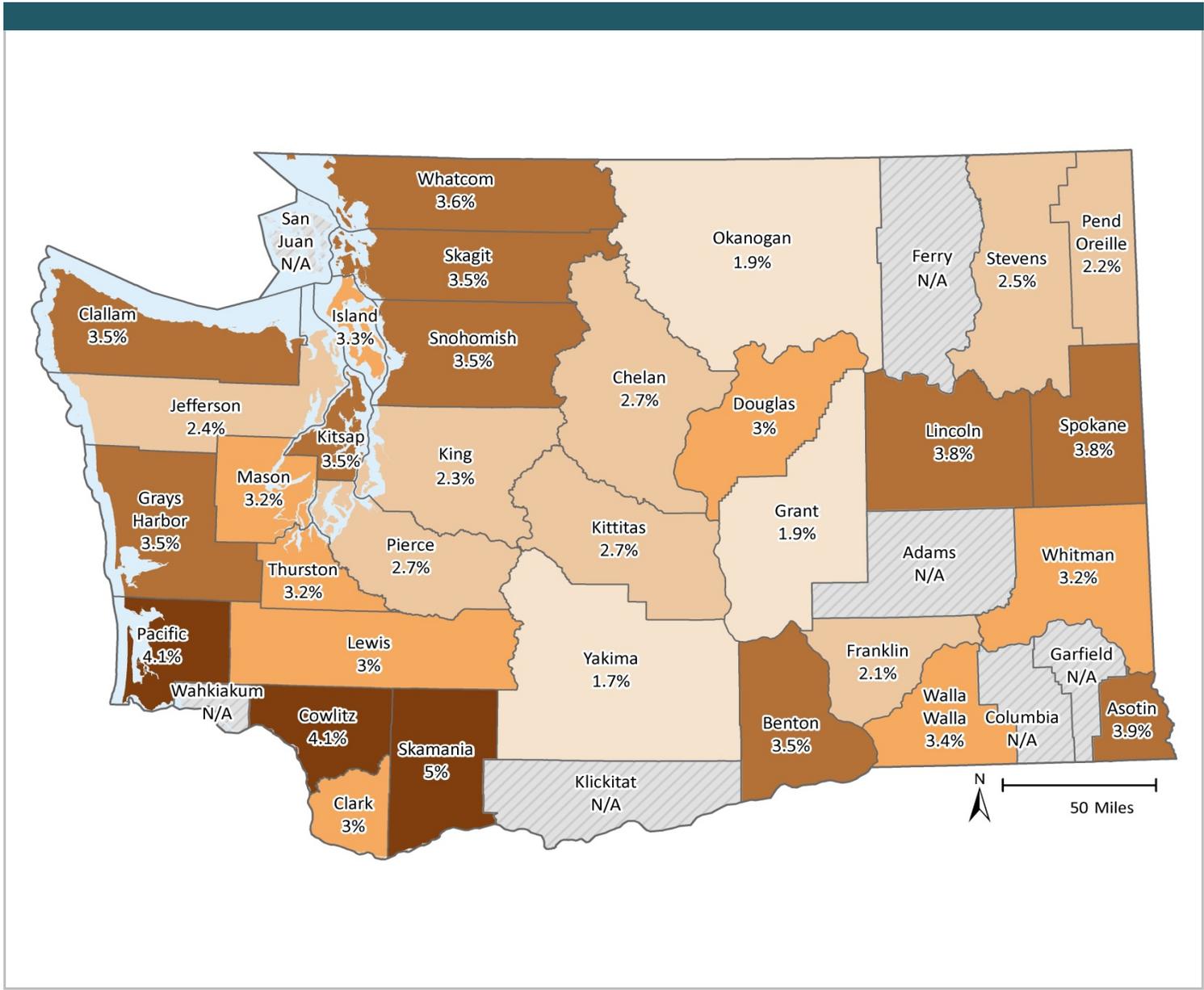
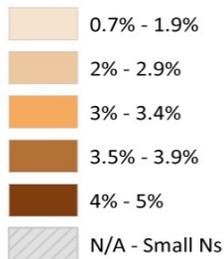
MARCH 2017

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*

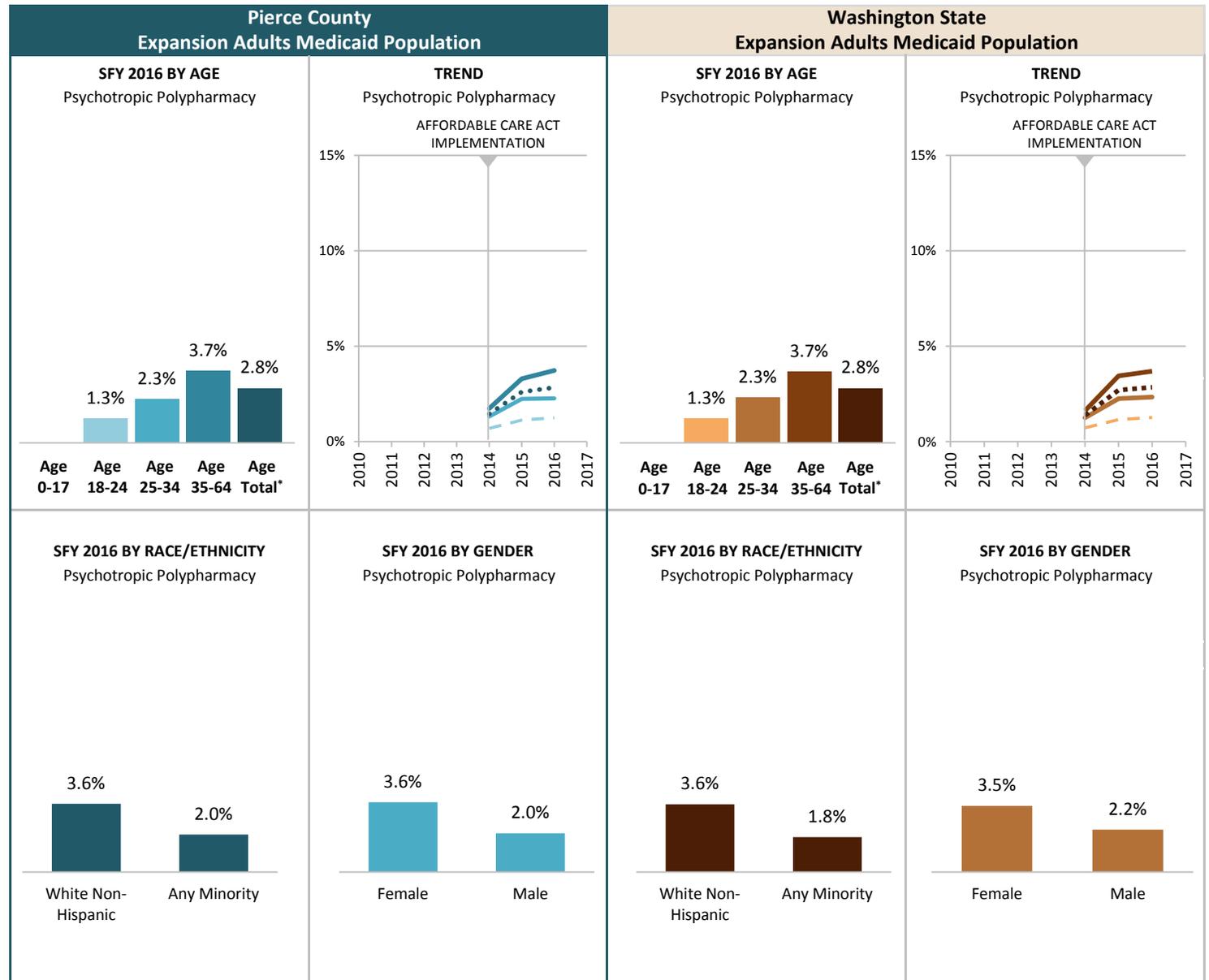
STATE:

- 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	Pierce 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.					0.7%	1.1%	1.3%						0.7%	1.2%	1.3%	
Persons w/psy. polypharm.					46	135	177						429	1,190	1,511	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/psy. polypharm.					1.3%	2.2%	2.3%						1.3%	2.2%	2.3%	
Persons w/psy. polypharm.					155	470	569						1,283	3,989	4,780	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/psy. polypharm.					1.7%	3.3%	3.7%						1.6%	3.4%	3.7%	
Persons w/psy. polypharm.					390	1,223	1,533						3,210	10,908	12,721	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total† w/psy. polypharm.					1.4%	2.6%	2.8%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					591	1,828	2,279						4,922	16,087	19,012	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.					2.9%	3.9%	3.8%						2.5%	4.1%	4.1%	
Persons w/psy. polypharm.					54	137	156						424	1,255	1,456	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/psy. polypharm.					0.5%	1.2%	1.0%						0.5%	1.1%	1.1%	
Persons w/psy. polypharm.					18	70	69						169	523	589	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/psy. polypharm.					1.0%	1.7%	1.9%						0.9%	1.9%	2.0%	
Persons w/psy. polypharm.					58	174	228						243	950	1,095	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/psy. polypharm.					0.8%	1.3%	1.1%						0.7%	1.4%	1.3%	
Persons w/psy. polypharm.					16	46	50						77	279	313	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/psy. polypharm.					0.7%	1.5%	1.9%						0.6%	1.4%	1.5%	
Persons w/psy. polypharm.					26	108	158						308	1,154	1,483	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/psy. polypharm.					1.8%	3.2%	3.6%						1.7%	3.4%	3.6%	
Persons w/psy. polypharm.					430	1,304	1,631						3,793	12,139	14,330	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/psych polypharm.					1.0%	1.8%	2.0%						1%	2%	2%	
Persons w/psy. polypharm.					159	502	617						1,078	3,740	4,403	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/psy. polypharm.					1.9%	3.4%	3.6%						1.6%	3.3%	3.5%	
Persons w/psy. polypharm.					383	1,170	1,462						2,904	9,535	11,403	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/psy. polypharm.					1.0%	1.9%	2.0%						1.1%	2.1%	2.2%	
Persons w/psy. polypharm.					208	658	817						2,018	6,552	7,609	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

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*

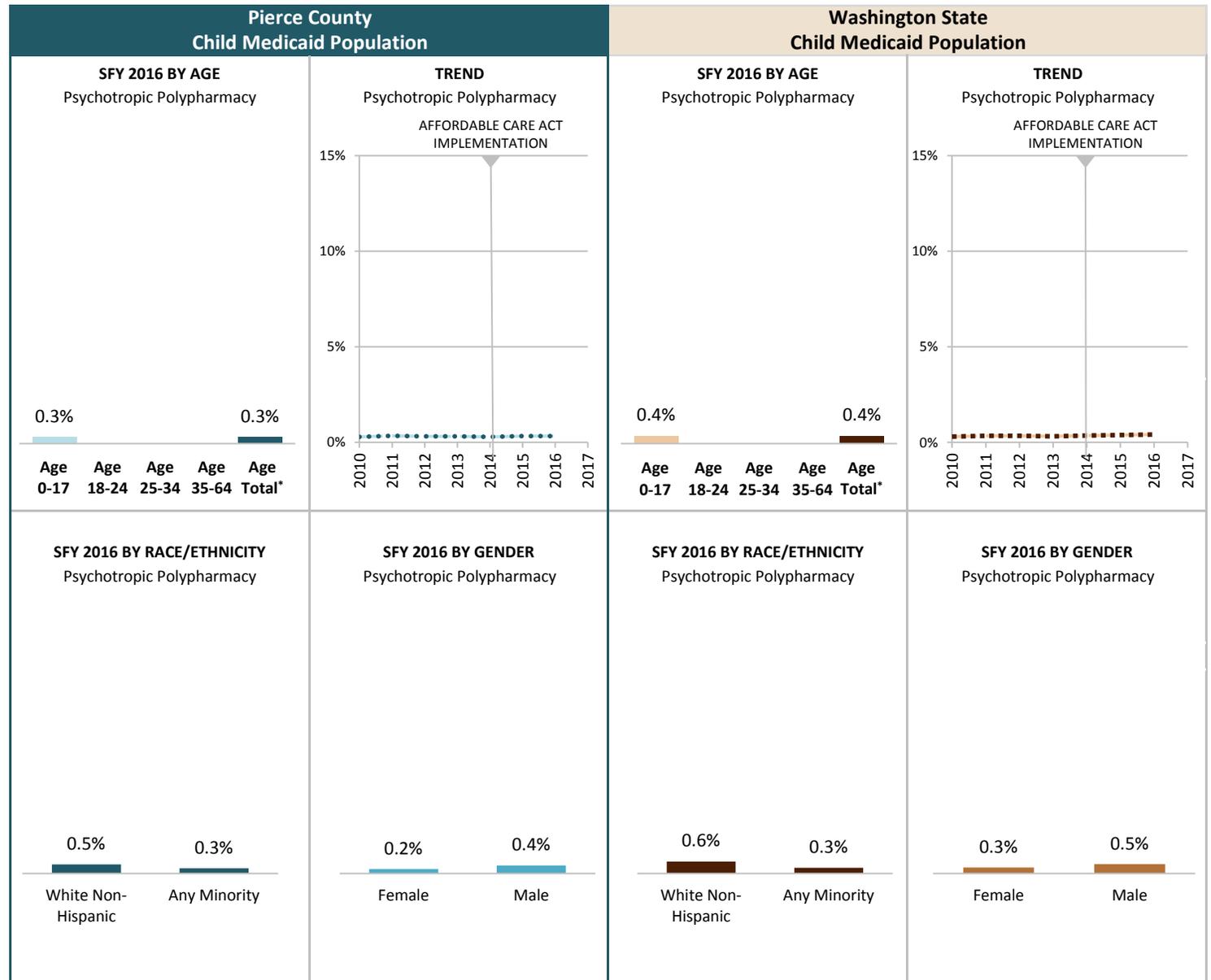
STATE:

- 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

	Pierce 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%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	214	265	249	260	251	292	312		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	214	265	249	260	251	292	312		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	0.7%	0.8%	0.8%	0.7%	0.5%	0.7%	0.7%		0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	
Persons w/psy. polypharm.	36	43	40	37	26	40	37		331	356	353	305	319	357	373	
Total persons	4,994	5,070	5,232	5,359	5,358	5,405	5,540		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/psy. polypharm.						0.2%	0.2%		0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	
Persons w/psy. polypharm.						13	12		55	65	56	56	58	75	80	
Total persons	5,439	5,792	6,017	6,266	6,844	7,050	7,170		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/psy. polypharm.	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%		0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	
Persons w/psy. polypharm.	42	59	58	45	48	49	58		248	291	280	273	303	325	351	
Total persons	14,324	14,662	15,002	15,296	15,757	16,198	16,923		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/psy. polypharm.				0.2%		0.2%			0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.				13		11			45	42	37	54	57	60	59	
Total persons	5,055	5,347	5,660	6,029	6,442	6,969	7,629		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/psy. polypharm.	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%		0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.	22	22	32	39	35	40	46		213	273	290	289	388	431	484	
Total persons	15,517	16,209	16,916	17,162	17,940	19,026	20,086		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%	0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	
Persons w/psy. polypharm.	124	151	132	140	147	165	176		1,118	1,372	1,391	1,299	1,545	1,697	1,937	
Total persons	30,261	31,965	33,024	33,676	35,147	36,258	37,419		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/psych polypharm.	0.2%	0.3%	0.3%	0.3%	0.2%	0.3%	0.3%		0%	0%	0%	0%	0%	0%	0%	
Persons w/psy. polypharm.	89	111	115	119	103	124	131		732	863	837	797	937	1,053	1,134	
Total persons	38,651	40,120	41,501	42,541	44,532	46,531	48,916		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%	0.2%	0.2%	0.2%		0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	
Persons w/psy. polypharm.	61	85	86	83	81	97	111		600	716	752	739	916	1,085	1,197	
Total persons	36,924	38,810	40,144	40,988	42,877	44,803	47,231		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%	0.4%	0.4%	0.4%		0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%	
Persons w/psy. polypharm.	153	180	163	177	170	195	201		1,257	1,532	1,481	1,363	1,576	1,690	1,897	
Total persons	37,431	39,493	40,829	41,904	43,691	45,483	48,164		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Psychotropic Polypharmacy Use Rates Among Medicaid-Children, by County

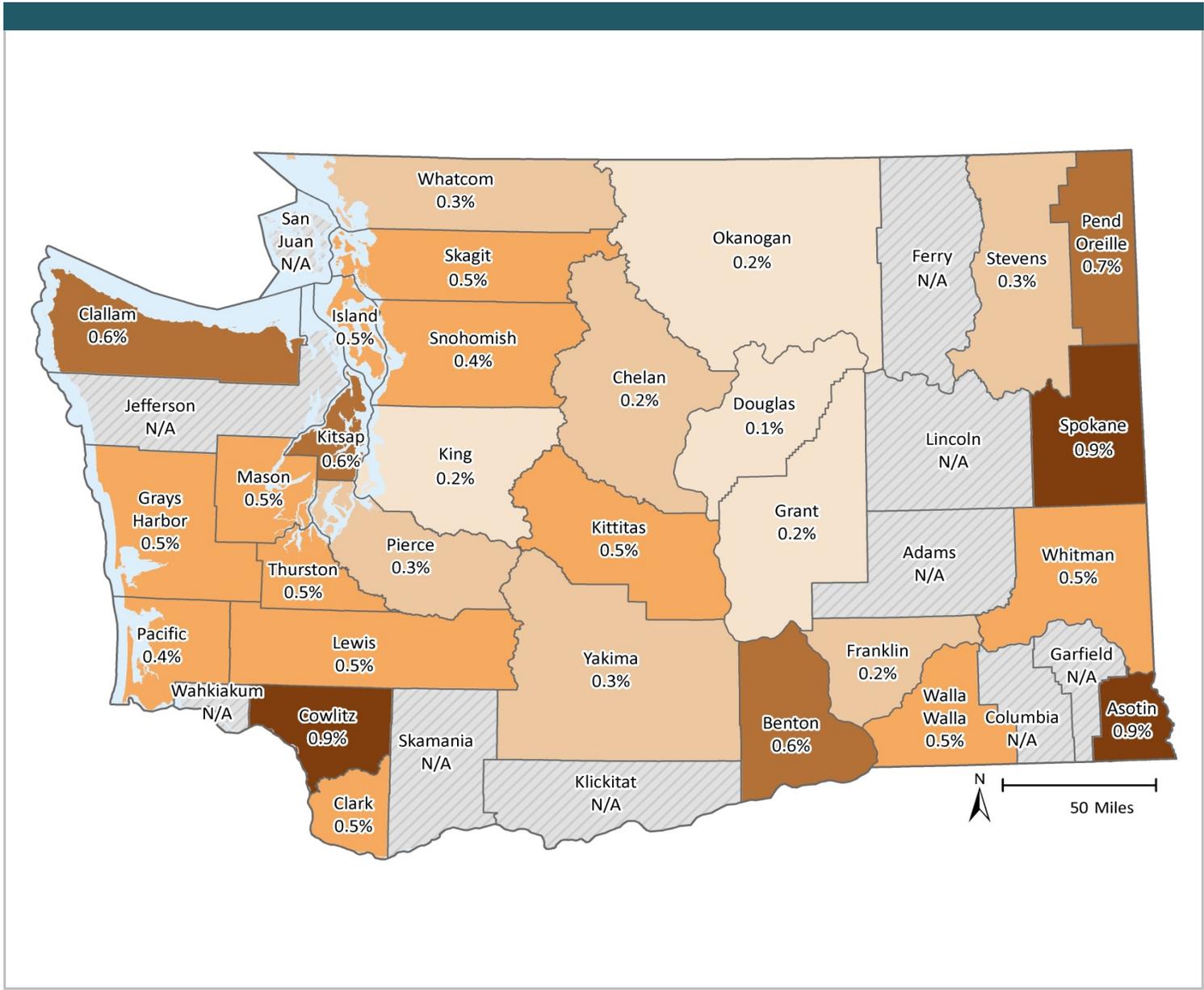
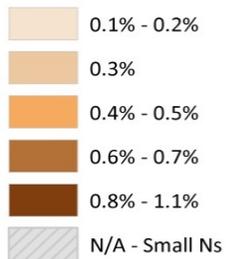
MARCH 2017

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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Med.-Disabled/ Rate per 1000	133	133	121	114	110	111	107		133	130	118	114	113	111	110	
SFY ED Use Count	23,316	24,063	22,692	22,531	21,554	18,068	17,441		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	17.551	18.110	18.778	19.726	19.590	16.254	16.235		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Med.-Classic Adults/ Rate per 1000	110	110	100	93	88	85	82		112	111	94	92	89	84	82	
SFY ED Use Count	22,949	24,894	23,268	21,647	22,910	25,098	23,259		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	20.796	22.635	23.197	23.209	25.927	29.368	28.370		149.10	158.95	157.58	155.57	180.00	212.12	202.81	
Med.-Expan. Adults/Rate per 1000					66	63	62						59	60	59	
SFY ED Use Count					13,553	40,916	47,773						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					20.505	64.743	77.415						182.153	552.945	642.446	
Med.-Children/Rate per 1000	33	33	32	34	34	38	35		42	41	35	36	36	40	36	
SFY ED Use Count	25,623	27,361	27,459	29,403	30,018	36,430	36,014		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	76.877	81.932	84.840	86.781	89.247	95.066	103.001		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	Pierce 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	52	52	48	51	54	60	55		69	64	59	59	61	65	61	
SFY ED Use Count	1,337	1,375	1,346	1,523	1,628	1,788	1,670		12,975	12,654	11,937	12,448	12,842	13,792	13,133	
SFY Medicaid Mo.Cnt. (10 Thsds)	2.568	2.634	2.795	2.959	3.012	3.002	3.063		18.937	19.637	20.371	21.190	21.161	21.084	21.389	
Age 18-24 /ED Use Rate per 1000	126	118	103	97	92	90	86		133	125	112	102	95	83	84	
SFY ED Use Count	2,186	2,119	1,856	1,753	1,591	1,303	1,256		17,422	16,659	14,744	13,722	12,427	9,194	9,104	
SFY Medicaid Mo.Cnt. (10 Thsds)	1.742	1.791	1.800	1.812	1.721	1.451	1.457		13.065	13.380	13.201	13.450	13.029	11.013	10.789	
Age 25-34 /ED Use Rate per 1000	179	183	175	151	142	131	123		187	182	165	151	147	136	132	
SFY ED Use Count	4,393	4,668	4,567	4,153	3,937	2,932	2,734		33,324	33,492	31,193	30,200	29,728	21,095	20,527	
SFY Medicaid Mo.Cnt. (10 Thsds)	2.452	2.545	2.611	2.751	2.775	2.232	2.228		17.775	18.453	18.925	19.958	20.184	15.541	15.567	
Age 35-64/ED Use Rate per 1000	143	143	129	124	119	126	124		136	135	122	120	120	123	125	
SFY ED Use Count	15,400	15,901	14,923	15,102	14,398	12,045	11,781		109,901	111,873	104,948	107,989	108,603	84,219	83,771	
SFY Medicaid Mo.Cnt. (10 Thsds)	10.790	11.139	11.571	12.204	12.083	9.569	9.487		80.579	83.100	85.964	89.946	90.555	68.348	67.022	
Age Total† /ED Use Rate per 1000	133	133	121	114	110	111	107		133	130	118	114	113	111	110	
SFY ED Use Count	23,316	24,063	22,692	22,531	21,554	18,068	17,441		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo.Cnt. (10 Thsds)	17.551	18.110	18.778	19.726	19.590	16.254	16.235		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	191	186	172	164	151	168	165		183	181	165	157	160	159	156	
SFY ED Use Count	2,975	3,016	2,865	2,939	2,724	2,589	2,492		24,821	25,287	23,631	23,447	23,640	18,883	18,082	
SFY Medicaid Mo.Cnt. (10 Thsds)	1.561	1.624	1.667	1.790	1.807	1.543	1.511		13.572	13.970	14.306	14.956	14.732	11.907	11.556	
Asian /ED Use Rate per 1000	60	62	59	73	64	70	64		68	67	63	68	68	67	64	
SFY ED Use Count	740	753	723	917	787	732	646		4,452	4,514	4,192	4,730	4,820	3,857	3,640	
SFY Medicaid Mo.Cnt. (10 Thsds)	1.228	1.221	1.220	1.252	1.238	1.040	1.008		6.545	6.727	6.704	6.987	7.045	5.749	5.669	
Black /ED Use Rate per 1000	152	153	135	135	128	130	122		147	142	132	130	128	126	123	
SFY ED Use Count	5,696	6,033	5,641	5,989	5,669	4,994	4,732		24,717	25,092	24,462	25,470	25,469	20,347	20,037	
SFY Medicaid Mo.Cnt. (10 Thsds)	3.753	3.953	4.187	4.448	4.442	3.855	3.865		16.788	17.638	18.591	19.653	19.892	16.202	16.247	
Hawaiian/PI /ED Use Rate per 1000	114	111	92	103	115	109	92		111	104	95	98	105	97	96	
SFY ED Use Count	662	675	605	709	815	681	568		3,063	3,127	2,933	3,294	3,715	2,847	2,843	
SFY Medicaid Mo.Cnt. (10 Thsds)	0.580	0.610	0.658	0.691	0.706	0.622	0.619		2.750	2.999	3.086	3.356	3.529	2.925	2.955	
Hispanic /ED Use Rate per 1000	127	125	99	103	106	88	92		126	120	106	101	103	102	101	
SFY ED Use Count	1,534	1,575	1,346	1,498	1,583	1,154	1,254		15,803	16,322	15,347	15,708	16,342	13,989	13,998	
SFY Medicaid Mo.Cnt. (10 Thsds)	1.203	1.262	1.363	1.459	1.488	1.312	1.370		12.563	13.557	14.478	15.532	15.863	13.724	13.858	
White Only /ED Use Rate per 1000	130	131	121	109	106	107	102		131	129	116	112	110	108	108	
SFY ED Use Count	12,565	12,984	12,275	11,585	11,118	9,037	8,621		107,286	107,648	98,997	98,865	97,337	74,448	73,664	
SFY Medicaid Mo.Cnt. (10 Thsds)	9.654	9.896	10.151	10.596	10.499	8.481	8.457		81.700	83.497	85.150	88.160	88.215	69.086	68.022	
Any Minority /ED Use Rate per 1000	140	138	124	122	118	119	116		139	134	122	118	119	117	115	
SFY ED Use Count	10,662	10,972	10,268	10,755	10,296	8,909	8,683		65,496	66,206	62,848	64,390	65,209	52,950	51,778	
SFY Medicaid Mo.Cnt. (10 Thsds)	7.643	7.924	8.309	8.802	8.762	7.487	7.476		47.224	49.415	51.498	54.391	54.694	45.106	44.831	
Population by Gender																
Females /ED Use Rate per 1000	151	155	141	131	126	129	123		149	146	131	126	125	126	126	
SFY ED Use Count	13,413	13,889	13,073	12,686	11,942	10,209	9,676		96,882	97,499	88,974	88,362	87,304	70,840	68,935	
SFY Medicaid Mo.Cnt. (10 Thsds)	8.897	8.989	9.267	9.661	9.457	7.927	7.876		64.918	66.673	67.889	70.030	69.575	56.077	54.925	
Males /ED Use Rate per 1000	114	112	101	98	95	94	93		117	114	105	102	101	96	96	
SFY ED Use Count	9,903	10,174	9,619	9,845	9,612	7,859	7,765		76,740	77,179	73,848	75,997	76,296	57,460	57,600	
SFY Medicaid Mo.Cnt. (10 Thsds)	8.654	9.121	9.511	10.066	10.133	8.328	8.359		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.

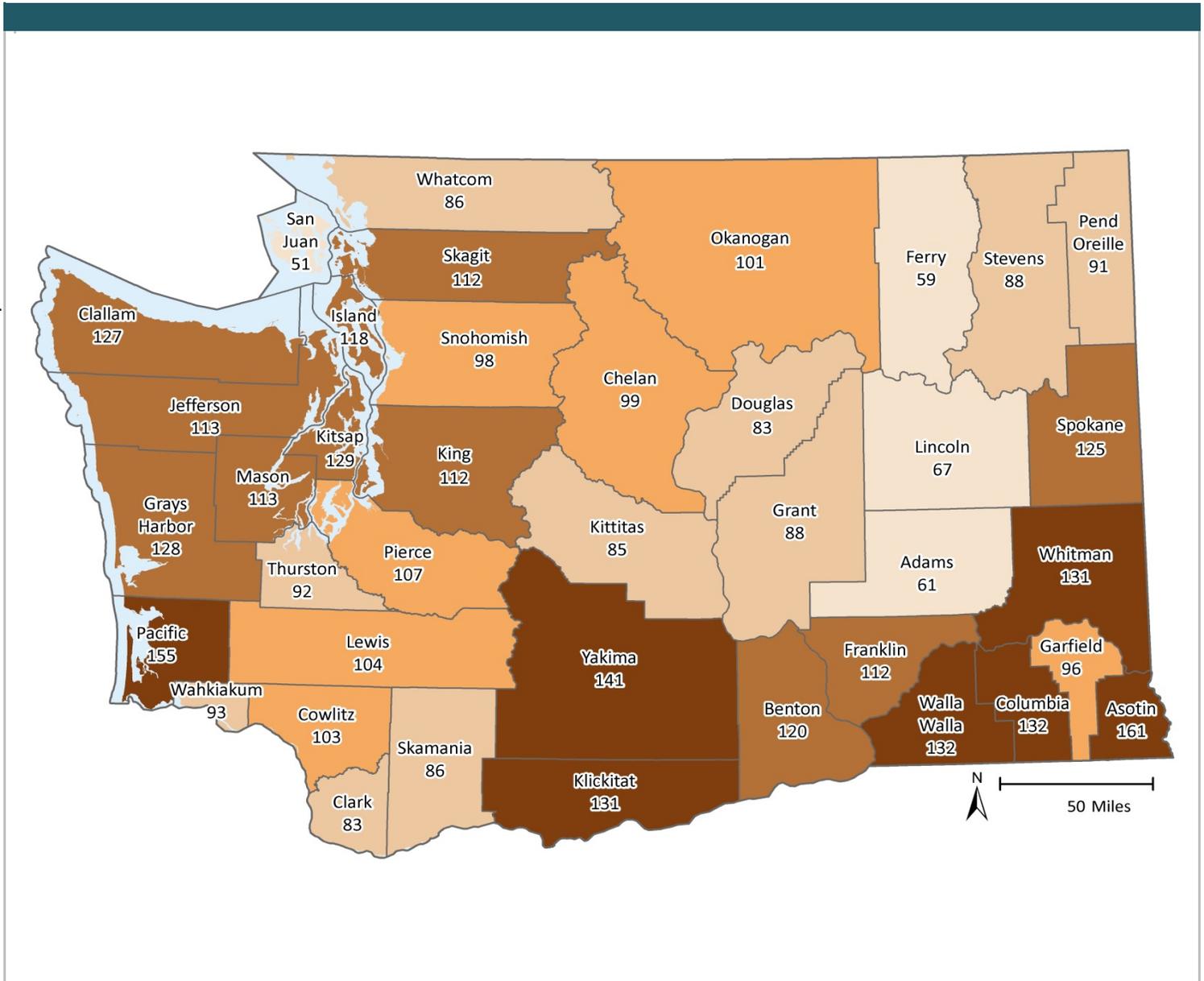
Rate of ED Use per 1000 coverage months for Medicaid-Disabled Youth and Adults



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*

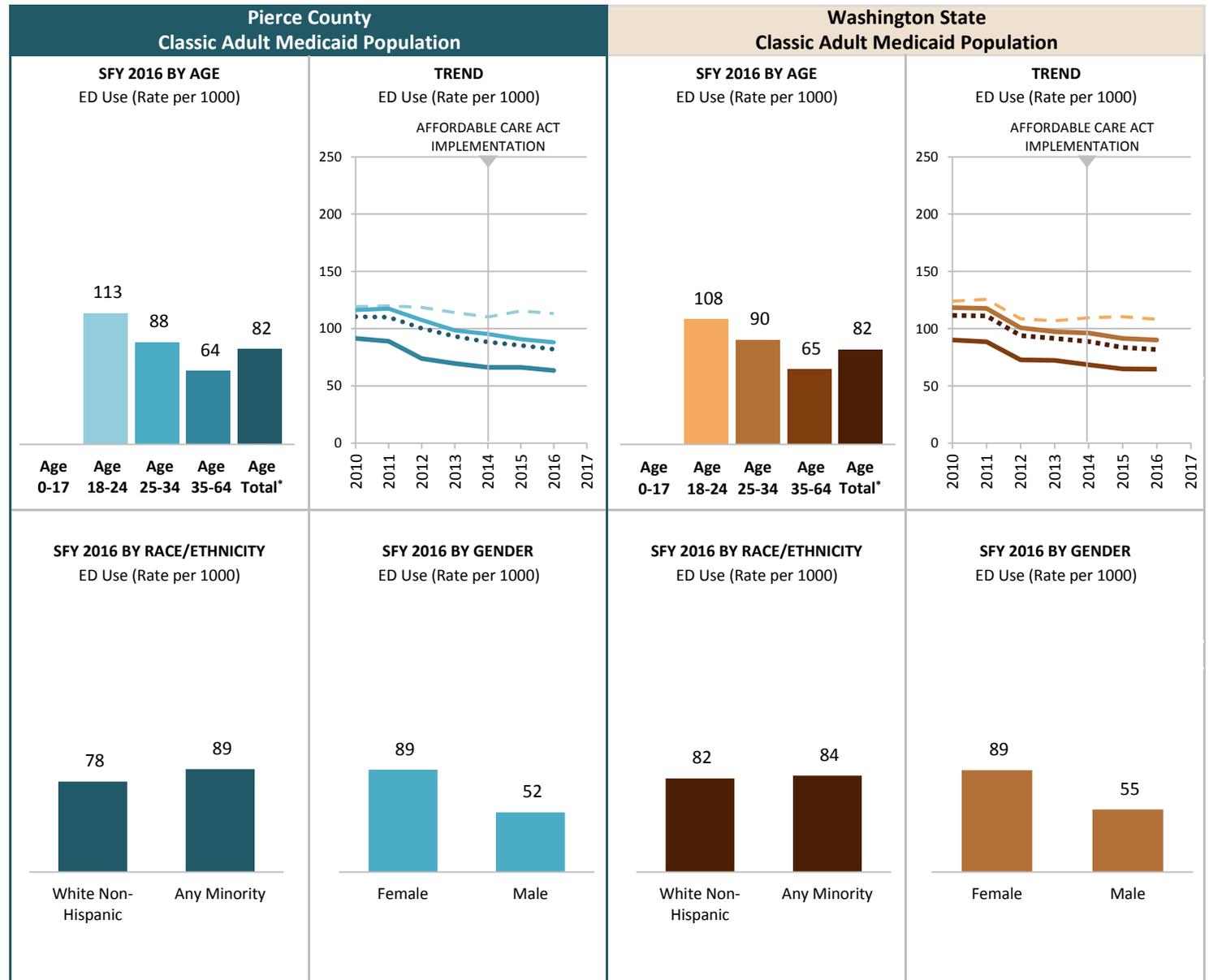
STATE:

- 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)

STATE FISCAL YEAR	Pierce 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 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	119	120	119	114	110	115	113		124	126	109	107	110	110	108	
SFY ED Use Count	7,310	7,511	7,149	6,281	5,772	5,549	4,639		53,310	54,426	44,192	40,203	39,862	37,483	31,868	
SFY Medicaid Mo. Cnt. (10 Thsds)	6.127	6.269	6.028	5.507	5.235	4.807	4.097		43.018	43.340	40.649	37.636	36.365	33.922	29.474	
Age 25-34 /ED Use Rate per 1000	116	118	108	99	95	91	88		118	118	101	97	96	92	90	
SFY ED Use Count	10,401	11,574	10,996	10,349	11,213	12,101	11,462		73,885	79,814	68,104	65,952	74,519	82,712	78,140	
SFY Medicaid Mo. Cnt. (10 Thsds)	8.949	9.846	10.228	10.504	11.755	13.325	13.009		62.472	67.822	67.654	67.713	77.421	90.340	86.684	
Age 35-64/ED Use Rate per 1000	92	89	74	70	66	66	64		90	89	73	72	69	65	65	
SFY ED Use Count	5,238	5,809	5,123	5,017	5,925	7,448	7,158		39,316	42,325	35,863	36,281	45,412	56,975	55,926	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.720	6.520	6.941	7.198	8.938	11.237	11.265		43.611	47.789	49.275	50.219	66.215	87.856	86.656	
Age Total† /ED Use Rate per 1000	110	110	100	93	88	85	82		112	111	94	92	89	84	82	
SFY ED Use Count	22,949	24,894	23,268	21,647	22,910	25,098	23,259		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	20.796	22.635	23.197	23.209	25.927	29.368	28.370		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	165	160	146	132	127	124	116		165	165	136	127	125	124	122	
SFY ED Use Count	2,647	2,678	2,608	2,372	2,398	2,529	2,233		22,079	22,734	18,331	16,777	17,671	18,813	17,927	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.602	1.675	1.785	1.795	1.884	2.042	1.923		13.414	13.767	13.515	13.187	14.121	15.222	14.640	
Asian /ED Use Rate per 1000	69	66	64	60	60	57	58		66	62	54	56	53	47	49	
SFY ED Use Count	891	951	957	896	1,073	1,258	1,213		4,515	4,756	4,415	4,588	5,585	6,362	6,227	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.298	1.446	1.488	1.488	1.793	2.211	2.098		6.860	7.714	8.167	8.189	10.483	13.478	12.825	
Black /ED Use Rate per 1000	130	133	119	111	108	106	105		116	117	104	103	102	101	97	
SFY ED Use Count	5,465	6,017	5,458	5,093	5,305	5,564	5,237		19,934	21,923	19,655	19,490	21,685	23,260	21,134	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.211	4.525	4.587	4.597	4.913	5.228	4.980		17.191	18.684	18.867	18.937	21.172	23.026	21.765	
Hawaiian/Pi /ED Use Rate per 1000	84	82	77	73	78	74	78		83	82	74	73	74	70	72	
SFY ED Use Count	1,090	1,162	1,155	1,174	1,459	1,684	1,783		4,137	4,590	4,404	4,550	5,689	6,726	6,559	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.299	1.422	1.506	1.610	1.866	2.268	2.285		4.988	5.567	5.955	6.259	7.657	9.596	9.168	
Hispanic /ED Use Rate per 1000	99	100	99	88	90	85	81		104	102	88	88	87	82	81	
SFY ED Use Count	2,063	2,401	2,557	2,300	2,718	3,100	2,929		22,967	24,388	21,702	21,643	26,514	31,656	29,555	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.078	2.392	2.579	2.607	3.032	3.637	3.599		22.024	24.021	24.692	24.641	30.556	38.680	36.393	
White Only /ED Use Rate per 1000	110	109	99	92	85	84	78		114	114	95	92	89	84	82	
SFY ED Use Count	12,218	13,193	12,231	11,283	11,661	12,909	11,606		99,871	105,336	86,413	82,027	90,588	98,566	92,103	
SFY Medicaid Mo. Cnt. (10 Thsds)	11.114	12.100	12.338	12.247	13.746	15.424	14.890		87.403	92.363	90.486	88.935	101.355	117.547	112.552	
Any Minority /ED Use Rate per 1000	114	115	104	97	95	90	89		112	111	95	93	90	85	84	
SFY ED Use Count	10,368	11,354	10,704	10,095	10,982	11,899	11,341		64,720	69,112	59,962	58,657	67,429	76,264	71,284	
SFY Medicaid Mo. Cnt. (10 Thsds)	9.091	9.907	10.280	10.405	11.616	13.278	12.801		57.623	62.111	63.150	62.938	74.584	89.324	84.561	
Population by Gender																
Females /ED Use Rate per 1000	118	119	110	102	96	93	89		119	120	102	99	97	91	89	
SFY ED Use Count	19,703	21,366	20,007	18,707	19,831	22,101	20,550		139,817	148,695	125,599	120,942	136,007	151,563	142,581	
SFY Medicaid Mo. Cnt. (10 Thsds)	16.672	17.909	18.251	18.308	20.623	23.716	23.143		117.537	124.062	122.833	121.806	140.360	166.156	160.103	
Males /ED Use Rate per 1000	79	75	66	60	58	53	52		85	80	65	64	60	56	55	
SFY ED Use Count	3,246	3,528	3,261	2,940	3,079	2,997	2,709		26,694	27,870	22,560	21,494	23,786	25,607	23,353	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.124	4.726	4.946	4.901	5.304	5.652	5.226		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.

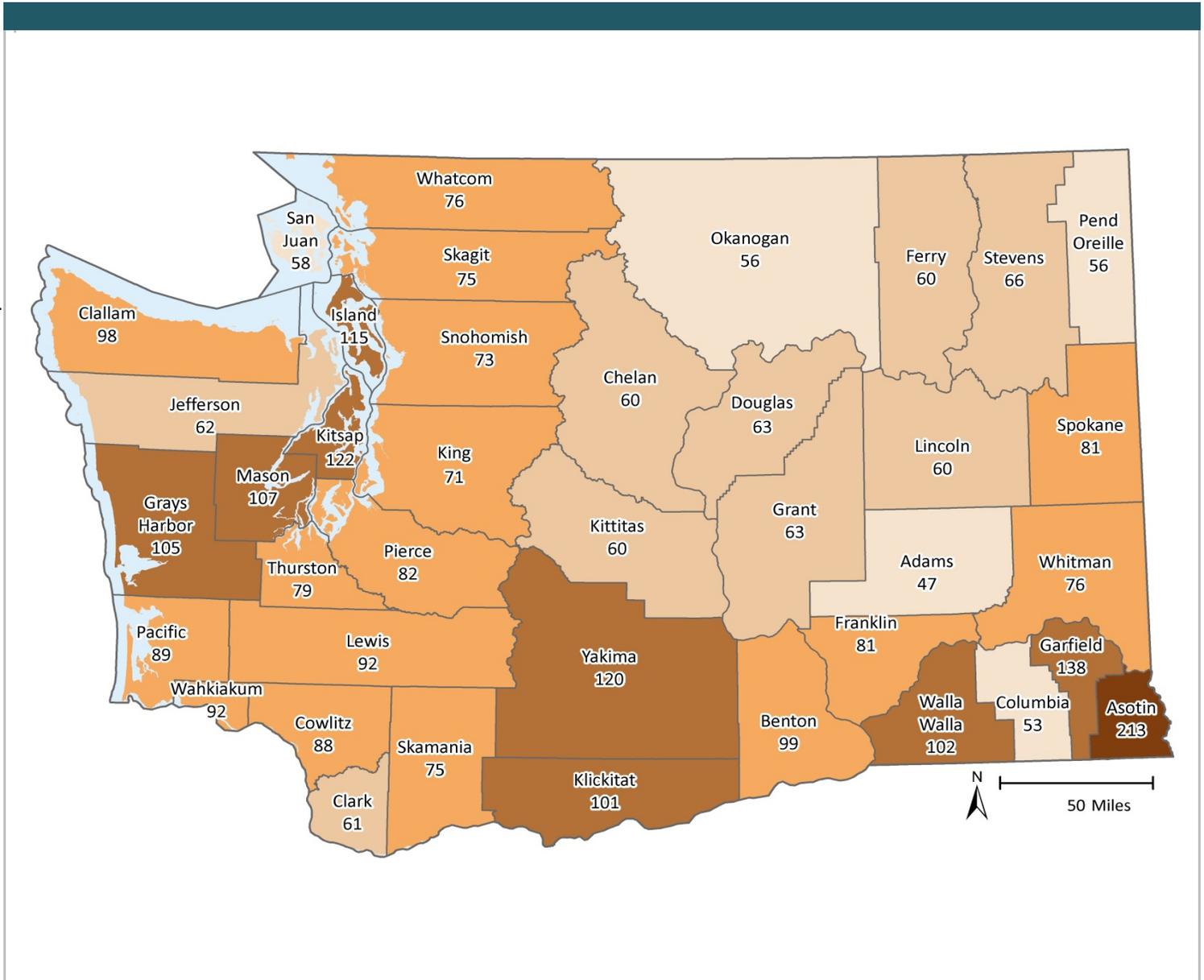
Rate of ED Use per 1000 coverage months for Medicaid-Classic Adults



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*

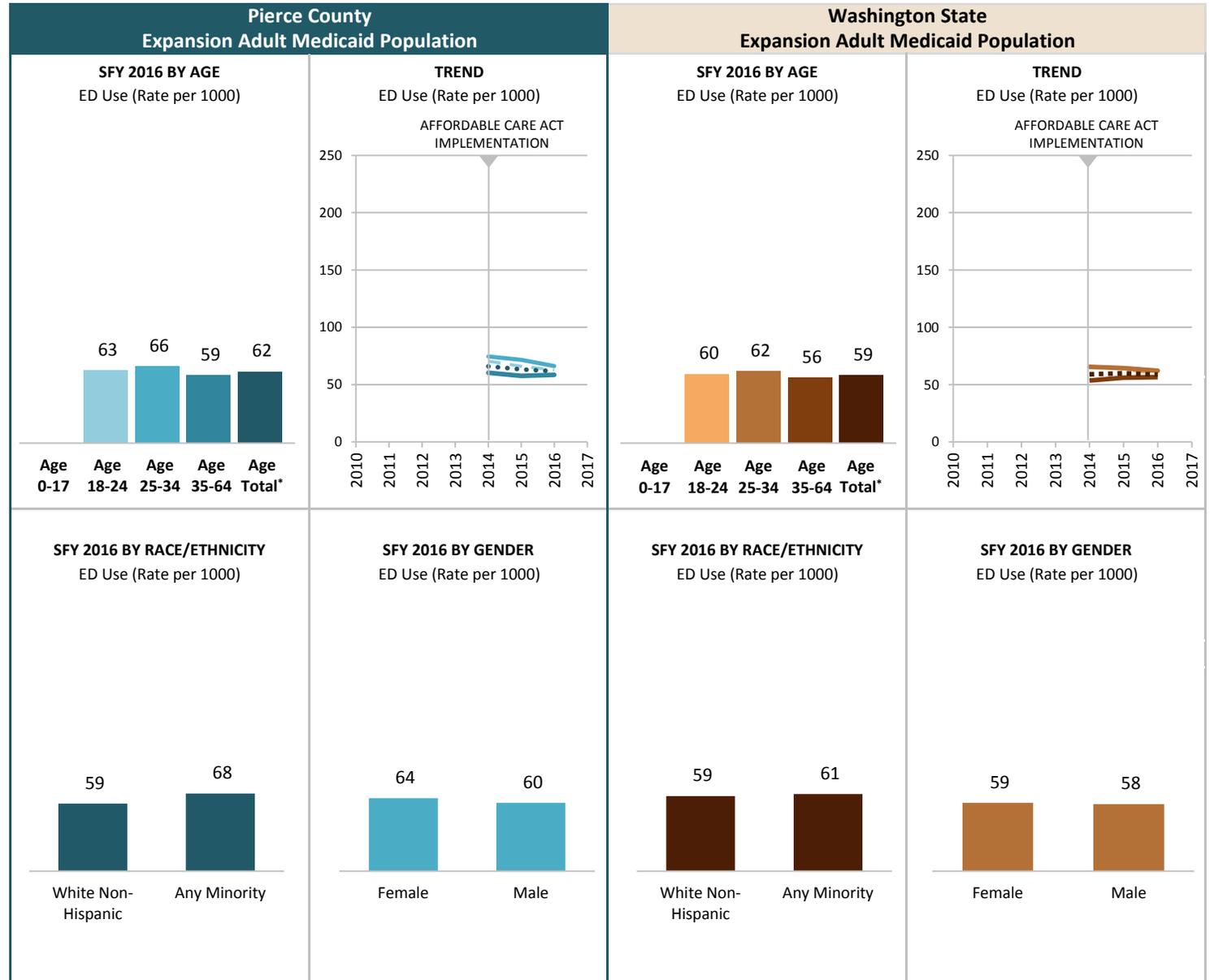
STATE:

- 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	Pierce 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					71	66	63						66	64	60	
SFY ED Use Count					2,395	7,290	8,637						20,550	61,366	69,749	
SFY Medicaid Mo. Cnt. (10 Thsds)					3.394	11.038	13.757						31.266	96.569	117.129	
Age 25-34 /ED Use Rate per 1000					75	72	66						66	64	62	
SFY ED Use Count					4,331	13,690	15,673						33,192	103,327	118,967	
SFY Medicaid Mo. Cnt. (10 Thsds)					5.808	19.120	23.654						50.565	160.272	191.668	
Age 35-64/ED Use Rate per 1000					60	58	59						54	56	56	
SFY ED Use Count					6,827	19,936	23,463						53,779	165,906	188,193	
SFY Medicaid Mo. Cnt. (10 Thsds)					11.304	34.585	40.004						100.322	296.104	333.649	
Age Total† /ED Use Rate per 1000					66	63	62						59	60	59	
SFY ED Use Count					13,553	40,916	47,773						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					20.505	64.743	77.415						182.153	552.945	642.446	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000					107	103	98						120	111	105	
SFY ED Use Count					994	3,400	3,981						10,352	32,134	37,051	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.930	3.293	4.065						8.651	29.005	35.387	
Asian /ED Use Rate per 1000					31	29	36						24	26	27	
SFY ED Use Count					628	1,646	2,249						4,054	11,623	13,321	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.031	5.635	6.334						16.913	45.279	49.274	
Black /ED Use Rate per 1000					94	90	86						84	82	80	
SFY ED Use Count					2,629	8,460	10,075						11,976	38,067	43,822	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.786	9.438	11.710						14.280	46.235	54.737	
Hawaiian/PI /ED Use Rate per 1000					61	62	62						50	50	50	
SFY ED Use Count					555	2,006	2,625						2,798	9,035	10,768	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.910	3.248	4.231						5.554	18.244	21.642	
Hispanic /ED Use Rate per 1000					62	63	60						53	56	57	
SFY ED Use Count					1,217	4,014	4,702						14,018	44,778	52,730	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.974	6.413	7.798						26.607	79.715	92.796	
White Only /ED Use Rate per 1000					66	61	59						61	61	59	
SFY ED Use Count					8,021	22,761	26,066						66,991	203,276	229,016	
SFY Medicaid Mo. Cnt. (10 Thsds)					12.118	37.549	44.318						109.696	333.649	387.527	
Any Minority /ED Use Rate per 1000					69	69	68						59	61	61	
SFY ED Use Count					5,355	17,455	20,664						38,837	121,375	140,334	
SFY Medicaid Mo. Cnt. (10 Thsds)					7.800	25.206	30.464						66.078	199.095	230.384	
Population by Gender																
Females /ED Use Rate per 1000					64	63	64						56	59	59	
SFY ED Use Count					6,668	20,646	24,897						51,163	162,681	187,907	
SFY Medicaid Mo. Cnt. (10 Thsds)					10.433	32.744	39.070						90.984	274.642	317.371	
Males /ED Use Rate per 1000					68	63	60						62	60	58	
SFY ED Use Count					6,885	20,270	22,876						56,358	167,918	189,002	
SFY Medicaid Mo. Cnt. (10 Thsds)					10.072	31.999	38.345						91.168	278.302	325.075	

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

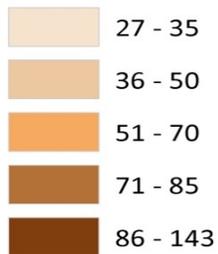
MARCH 2017

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.

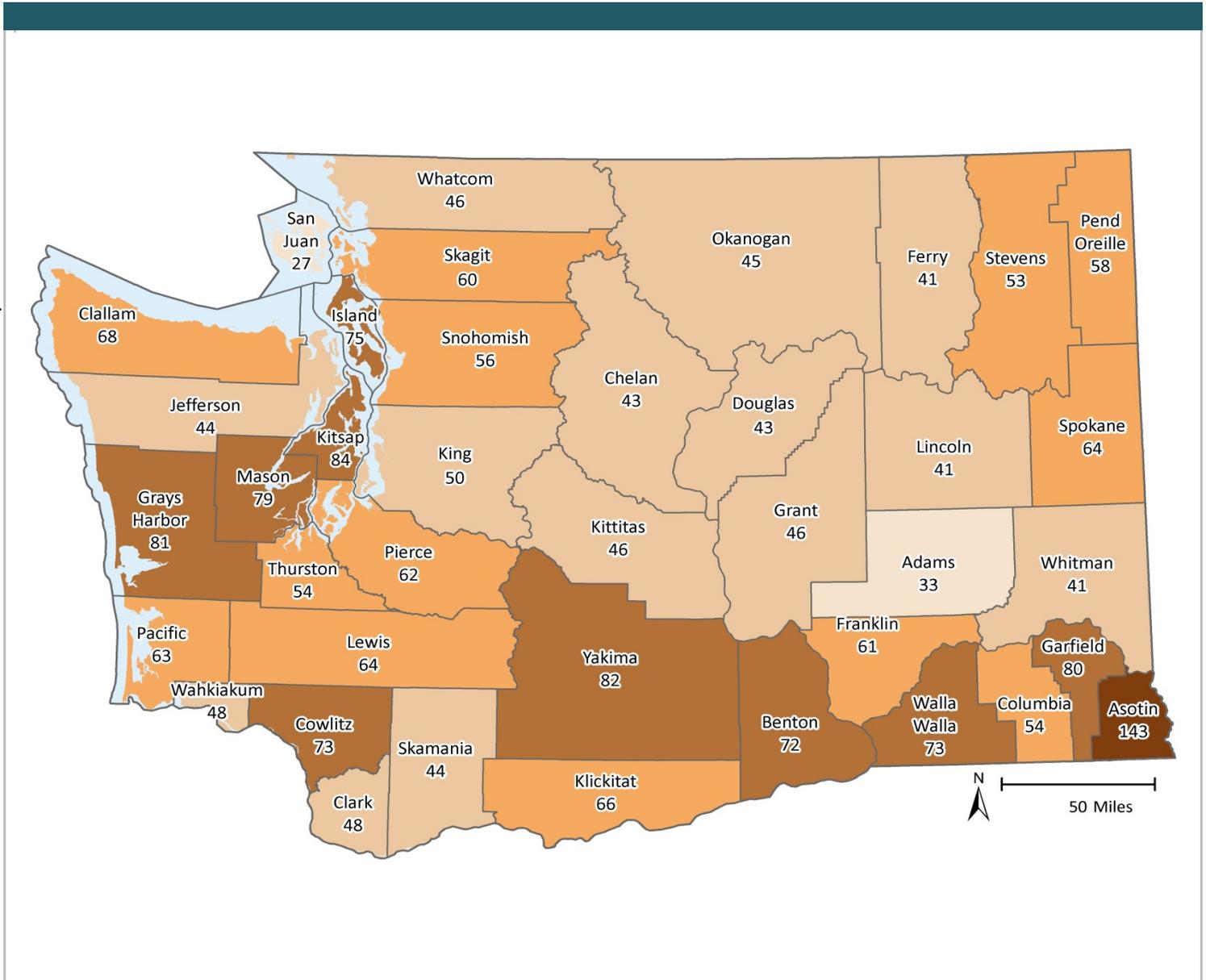
Rate of ED Use per 1000 coverage months for Medicaid-Expansion Adults



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.





Pierce County

Behavioral Health Treatment Needs and Outcomes

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*

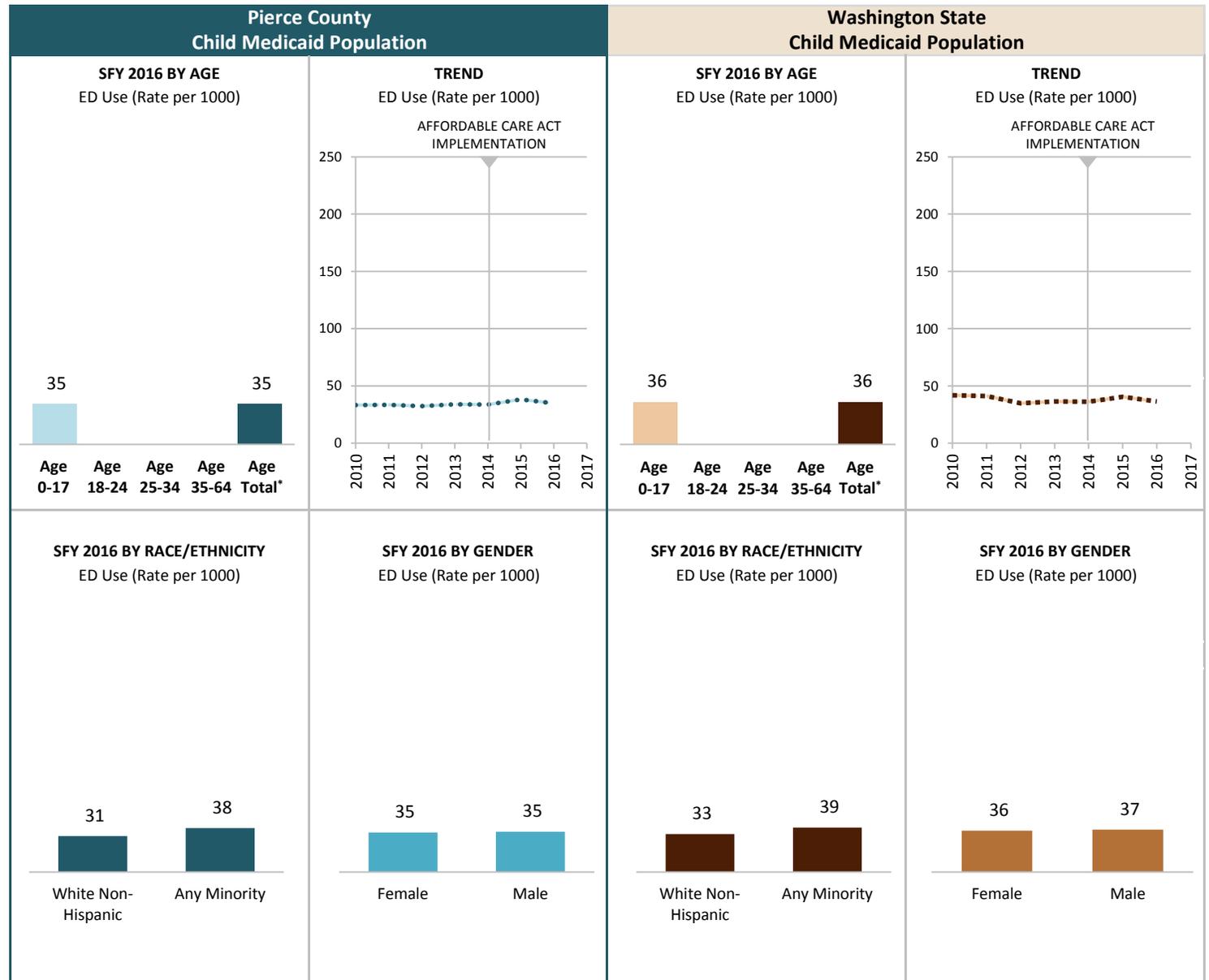
STATE:

- 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)

	Pierce 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	33	33	32	34	34	38	35		42	41	35	36	36	40	36	
SFY ED Use Count	25,623	27,361	27,459	29,403	30,018	36,430	36,014		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	76.877	81.932	84.840	86.781	89.247	95.066	103.001		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	33	33	32	34	34	38	35		42	41	35	36	36	40	36	
SFY ED Use Count	25,623	27,361	27,459	29,403	30,018	36,430	36,014		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	76.877	81.932	84.840	86.781	89.247	95.066	103.001		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	46	45	43	45	41	47	43		55	53	47	48	47	51	45	
SFY ED Use Count	2,389	2,455	2,369	2,555	2,280	2,693	2,630		23,882	23,553	20,808	21,058	20,321	22,252	20,488	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.208	5.405	5.544	5.640	5.577	5.735	6.108		43.359	44.329	44.432	44.298	43.361	44.035	45.324	
Asian /ED Use Rate per 1000	23	23	23	23	25	30	25		24	24	22	23	23	26	23	
SFY ED Use Count	1,349	1,442	1,465	1,550	1,815	2,303	1,968		9,141	9,758	9,216	10,078	10,676	12,502	11,351	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.745	6.171	6.403	6.672	7.148	7.639	7.881		37.644	40.438	42.103	43.046	45.593	48.798	50.102	
Black /ED Use Rate per 1000	40	40	39	40	41	47	43		44	45	41	42	42	48	42	
SFY ED Use Count	6,059	6,268	6,312	6,590	6,731	8,161	7,869		30,340	32,237	29,994	31,888	32,276	37,684	34,629	
SFY Medicaid Mo. Cnt. (10 Thsds)	15.243	15.764	16.042	16.422	16.565	17.223	18.500		68.256	71.559	73.599	75.120	76.416	79.215	82.682	
Hawaiian/PI /ED Use Rate per 1000	34	36	35	37	37	43	39		38	39	35	37	37	40	35	
SFY ED Use Count	1,770	2,024	2,059	2,343	2,422	3,112	3,158		9,394	10,613	10,095	11,170	11,597	13,556	12,804	
SFY Medicaid Mo. Cnt. (10 Thsds)	5.214	5.575	5.917	6.306	6.587	7.221	8.130		24.736	27.264	29.251	30.458	31.623	34.004	36.909	
Hispanic /ED Use Rate per 1000	36	37	34	36	36	41	39		50	48	37	40	40	46	41	
SFY ED Use Count	5,872	6,491	6,242	6,619	6,772	8,393	8,531		101,976	103,169	83,227	89,981	91,993	110,792	103,864	
SFY Medicaid Mo. Cnt. (10 Thsds)	16.416	17.443	18.205	18.564	19.074	20.477	22.129		204.069	215.795	222.440	226.878	231.589	243.291	255.104	
White Only /ED Use Rate per 1000	30	30	30	31	31	34	31		37	37	33	34	33	36	33	
SFY ED Use Count	9,289	9,881	10,225	10,829	11,056	12,877	12,530		100,941	106,304	94,823	97,153	99,593	115,320	110,411	
SFY Medicaid Mo. Cnt. (10 Thsds)	31.172	33.240	34.389	34.946	35.877	38.040	40.328		273.089	286.326	290.593	289.951	297.587	316.154	331.518	
Any Minority /ED Use Rate per 1000	36	36	35	36	36	42	38		46	45	37	39	39	44	39	
SFY ED Use Count	14,673	15,614	15,349	16,340	16,840	20,788	20,339		156,665	160,107	135,882	146,020	148,434	176,403	164,441	
SFY Medicaid Mo. Cnt. (10 Thsds)	40.735	42.889	44.285	45.467	46.696	49.584	53.488		339.312	358.217	368.889	375.759	384.207	403.690	422.961	
Population by Gender																
Females /ED Use Rate per 1000	33	33	32	34	33	38	35		41	40	34	36	36	40	36	
SFY ED Use Count	12,559	13,357	13,502	14,446	14,736	17,944	17,638		131,808	137,701	118,857	126,022	128,856	153,642	146,708	
SFY Medicaid Mo. Cnt. (10 Thsds)	38.220	40.671	42.067	42.930	44.223	47.167	51.015		321.978	340.726	348.813	352.004	361.357	384.346	408.192	
Males /ED Use Rate per 1000	34	34	33	34	34	39	35		43	42	35	37	37	41	37	
SFY ED Use Count	13,064	14,004	13,957	14,957	15,282	18,486	18,376		140,586	146,046	126,946	134,345	136,881	161,937	154,962	
SFY Medicaid Mo. Cnt. (10 Thsds)	38.657	41.261	42.773	43.851	45.024	47.899	51.986		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.

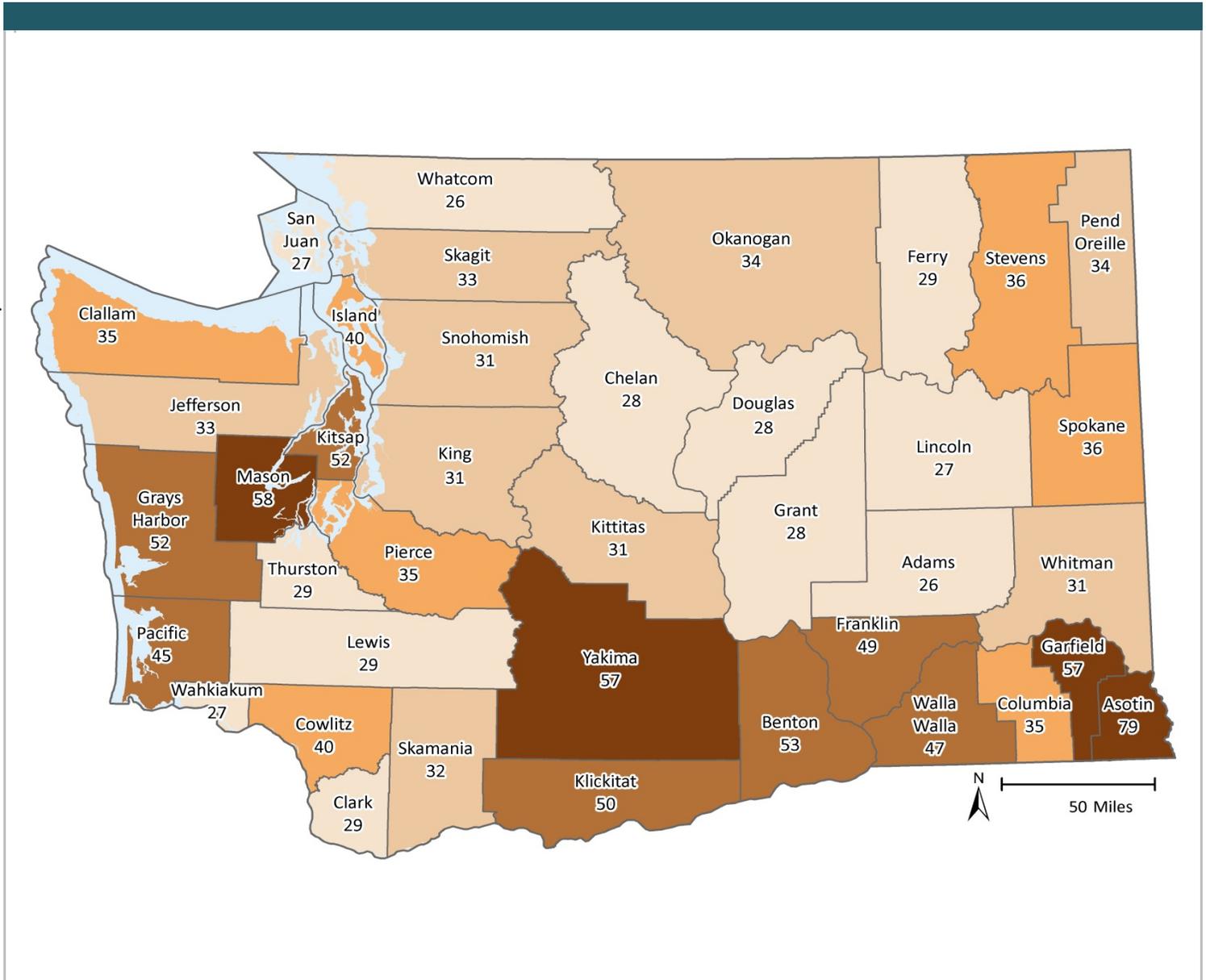
Rate of ED Use per 1000 coverage months for Medicaid-Children



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

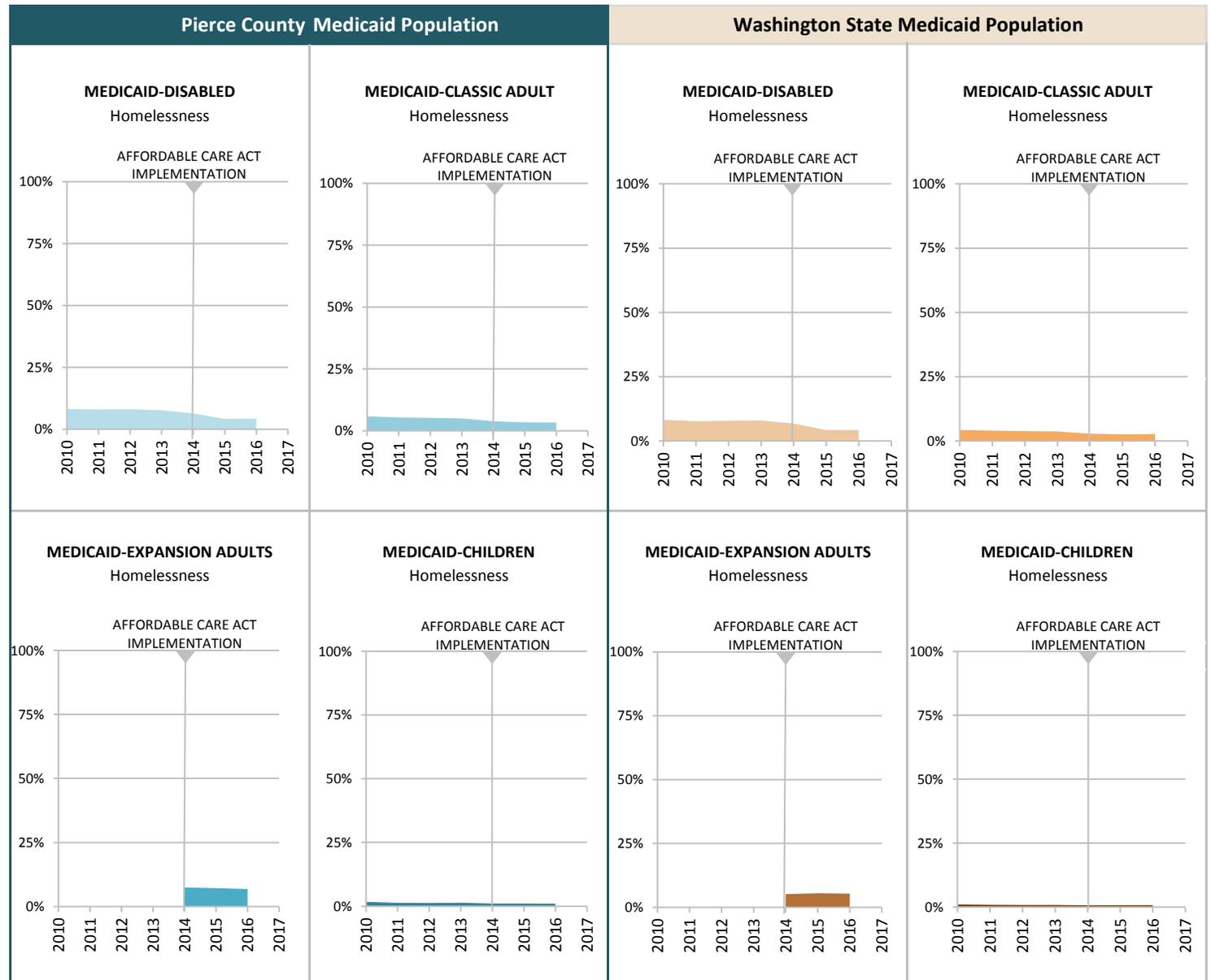
STATE:

- 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

STATE FISCAL YEAR by Medicaid Sub-Population	Pierce County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	8.2%	7.9%	8.1%	7.6%	6.4%	4.1%	4.3%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	1,371	1,366	1,469	1,454	1,144	596	614		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	5.8%	5.4%	5.2%	5.0%	3.8%	3.4%	3.3%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	1,508	1,489	1,478	1,407	1,123	998	926		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					7.4%	7.2%	6.8%						5.2%	5.5%	5.3%	
Persons w/Homelessness					3,021	5,040	5,479						18,570	32,850	35,815	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Medicaid-Children	1.7%	1.3%	1.2%	1.4%	1.0%	1.0%	1.0%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	1,257	1,022	1,006	1,124	903	940	946		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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*

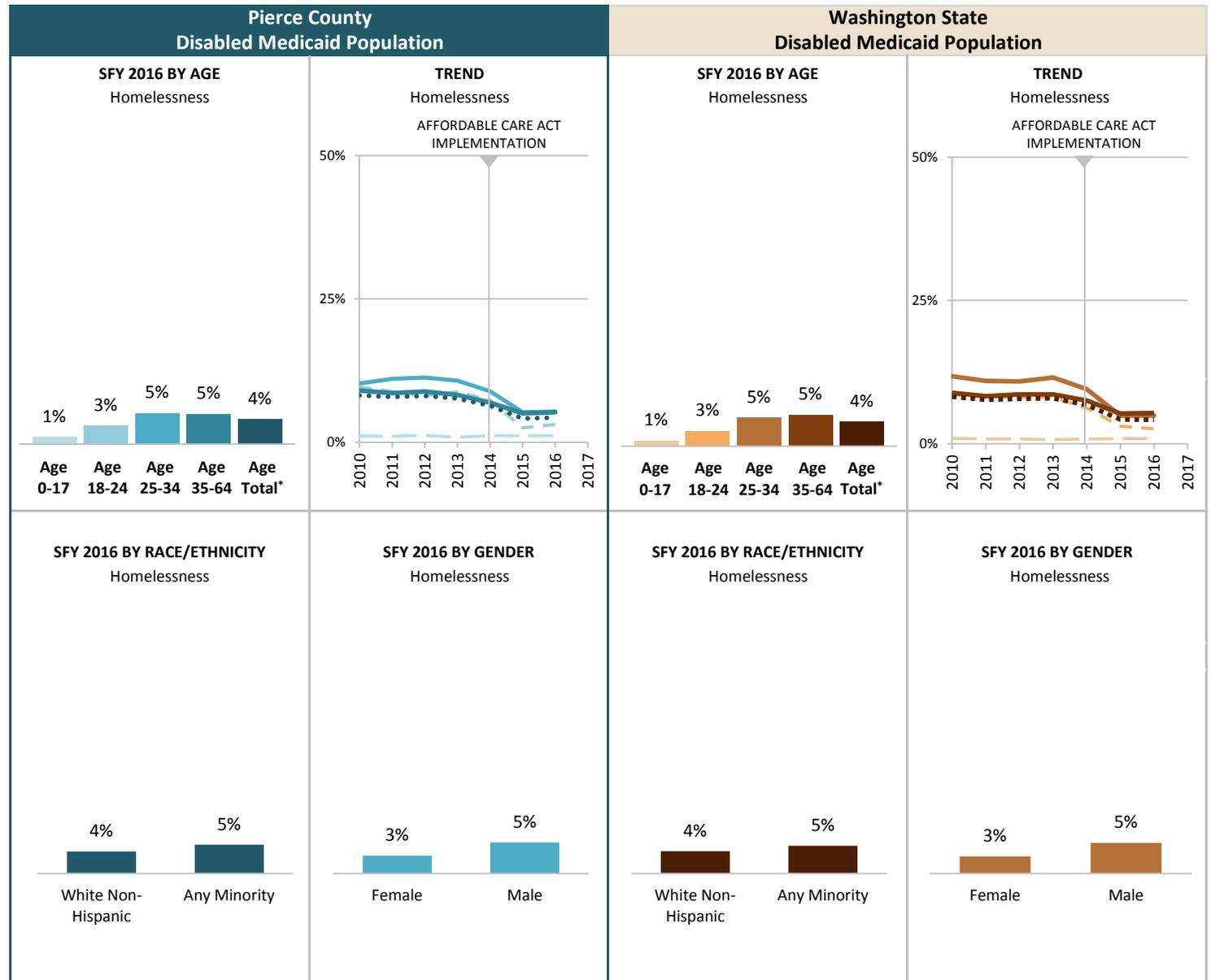
STATE:

- 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

STATE FISCAL YEAR	Pierce 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/Homelessness	1.1%	1.0%	1.2%	0.9%	1.2%	1.1%	1.2%		1.0%	0.9%	0.9%	0.7%	0.9%	0.9%	0.9%	
Persons w/Homelessness	26	24	31	23	32	30	32		162	150	153	135	160	165	176	
Total persons	2,313	2,346	2,510	2,637	2,672	2,634	2,710		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Homelessness	9.7%	8.8%	8.1%	8.8%	7.4%	2.5%	3.1%		8.6%	8.2%	8.1%	8.1%	6.2%	3.1%	2.6%	
Persons w/Homelessness	160	149	139	151	116	33	41		1,070	1,031	1,018	1,031	742	299	252	
Total persons	1,652	1,687	1,723	1,714	1,576	1,297	1,307		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Homelessness	10.3%	11.1%	11.3%	10.8%	8.9%	5.3%	5.4%		11.8%	11.0%	10.9%	11.5%	9.5%	4.9%	4.9%	
Persons w/Homelessness	240	268	286	286	224	103	104		1,998	1,918	2,000	2,237	1,757	670	670	
Total persons	2,337	2,420	2,531	2,657	2,522	1,960	1,939		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Homelessness	9.0%	8.6%	8.9%	8.3%	6.9%	5.1%	5.2%		8.9%	8.3%	8.6%	8.6%	7.6%	5.3%	5.4%	
Persons w/Homelessness	945	925	1,013	994	772	430	437		7,021	6,766	7,382	7,732	6,336	3,210	3,180	
Total persons	10,464	10,797	11,437	12,037	11,144	8,500	8,365		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Homelessness	8.2%	7.9%	8.1%	7.6%	6.4%	4.1%	4.3%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	1,371	1,366	1,469	1,454	1,144	596	614		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	16,766	17,250	18,201	19,045	17,914	14,391	14,321		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	11.9%	11.8%	10.4%	9.6%	7.3%	6.2%	6.1%		11.8%	10.9%	10.8%	10.5%	8.6%	5.9%	6.1%	
Persons w/Homelessness	175	179	165	163	120	84	81		1,498	1,411	1,449	1,474	1,139	614	620	
Total persons	1,466	1,520	1,582	1,699	1,640	1,351	1,330		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Homelessness	3.2%	3.0%	3.6%	4.3%	2.8%	2.2%	2.2%		4.9%	4.7%	4.9%	5.2%	4.5%	2.6%	2.4%	
Persons w/Homelessness	37	34	41	52	31	20	19		301	294	315	352	288	132	122	
Total persons	1,139	1,136	1,152	1,196	1,112	913	880		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Homelessness	11.8%	10.9%	11.6%	10.3%	8.8%	5.9%	6.3%		16.2%	15.1%	14.6%	14.3%	12.1%	7.5%	7.2%	
Persons w/Homelessness	412	399	458	427	353	202	213		2,554	2,495	2,574	2,653	2,189	1,073	1,032	
Total persons	3,506	3,672	3,963	4,155	4,008	3,396	3,407		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Homelessness	4.5%	3.7%	5.1%	6.3%	4.3%	3.0%	2.7%		6.5%	6.1%	6.6%	7.1%	6.0%	3.2%	2.6%	
Persons w/Homelessness	26	22	33	43	28	17	15		174	176	200	232	194	84	69	
Total persons	572	600	653	687	651	561	551		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Homelessness	7.5%	6.4%	7.3%	6.8%	5.2%	3.6%	3.3%		6.0%	5.7%	5.8%	5.7%	4.6%	3.0%	2.9%	
Persons w/Homelessness	87	77	96	96	71	43	40		714	731	806	851	663	359	351	
Total persons	1,154	1,211	1,322	1,412	1,362	1,179	1,227		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Homelessness	7.3%	7.2%	7.2%	7.0%	6.0%	3.6%	3.8%		7.0%	6.7%	6.9%	7.1%	6.1%	3.8%	3.9%	
Persons w/Homelessness	670	681	711	721	575	271	283		5,533	5,323	5,752	6,158	4,973	2,340	2,341	
Total persons	9,241	9,476	9,871	10,288	9,612	7,484	7,420		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Homelessness	9.6%	9.1%	9.4%	8.7%	7.1%	4.9%	5.0%		10.4%	9.7%	9.7%	9.5%	8.0%	4.9%	4.8%	
Persons w/Homelessness	690	680	750	727	565	322	329		4,648	4,492	4,746	4,908	3,956	1,967	1,906	
Total persons	7,217	7,447	7,953	8,374	7,969	6,621	6,601		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Homelessness	5.6%	5.2%	5.4%	5.3%	4.3%	3.1%	3.1%		5.2%	4.9%	5.1%	5.2%	4.4%	3.0%	3.0%	
Persons w/Homelessness	471	441	488	497	369	217	216		3,220	3,083	3,313	3,523	2,786	1,503	1,447	
Total persons	8,406	8,519	8,961	9,296	8,623	7,000	6,924		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Homelessness	10.8%	10.6%	10.6%	9.8%	8.3%	5.1%	5.4%		11.1%	10.4%	10.5%	10.5%	9.0%	5.4%	5.4%	
Persons w/Homelessness	900	925	981	957	775	379	398		7,031	6,782	7,240	7,612	6,209	2,841	2,831	
Total persons	8,360	8,731	9,240	9,749	9,291	7,391	7,397		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Homelessness Rates

Among Medicaid-Disabled Youth and Adults, by County

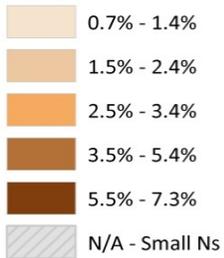
MARCH 2017

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.

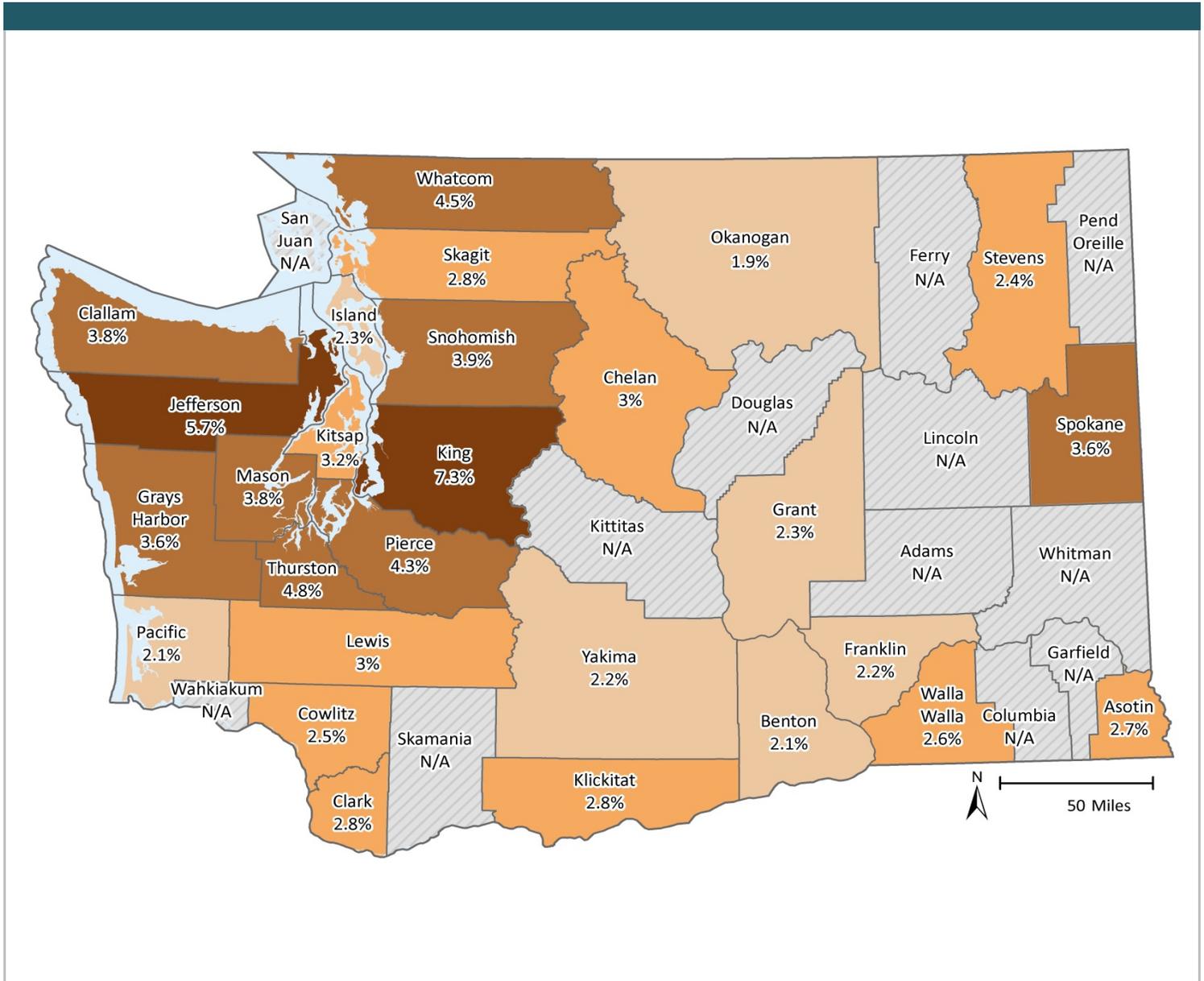
Percent of Medicaid-Disabled Youth and Adults with Homelessness



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*

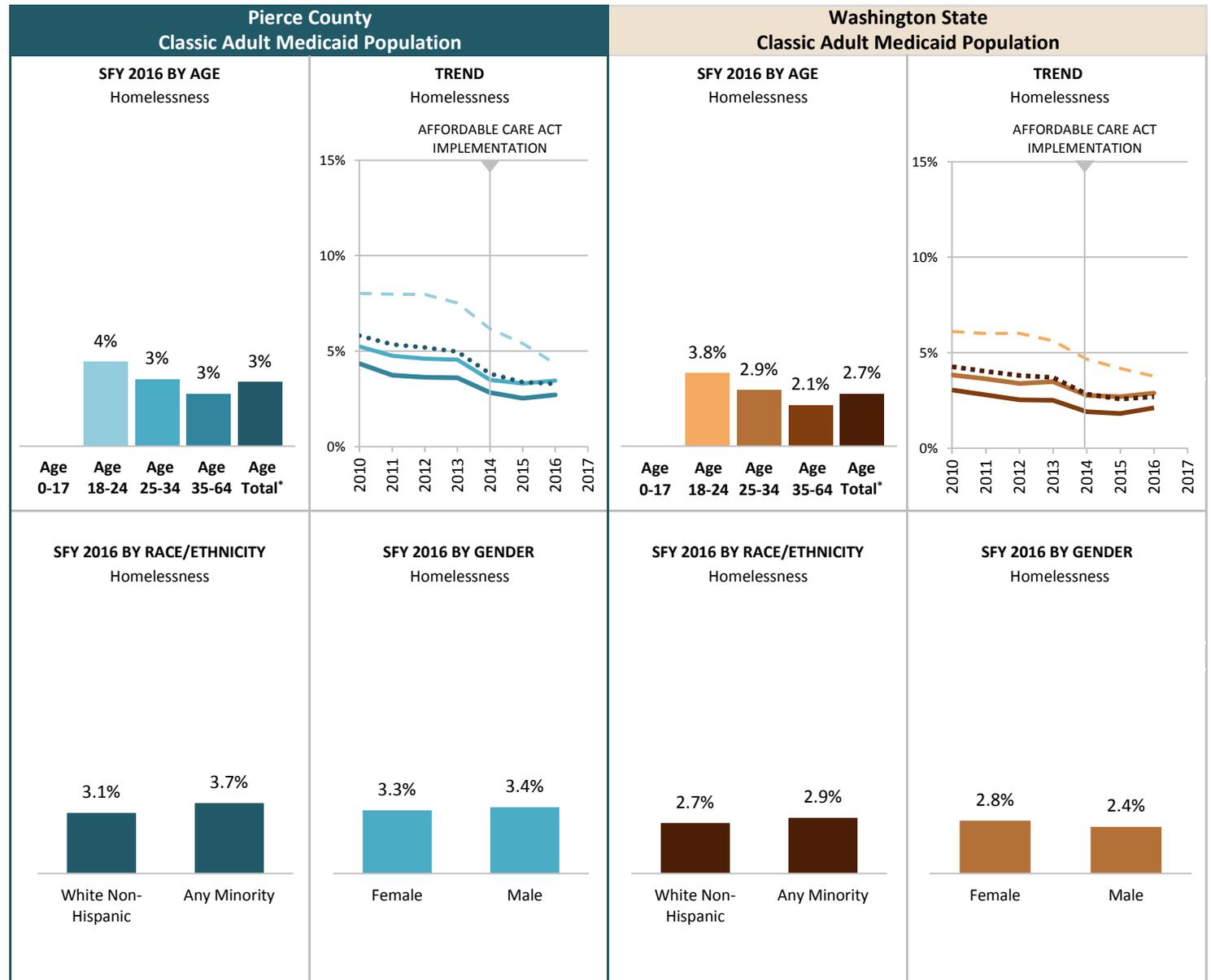
STATE:

- 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

STATE FISCAL YEAR	Pierce 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/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness	8.0%	8.0%	8.0%	7.5%	6.2%	5.4%	4.3%		6.1%	6.0%	6.0%	5.6%	4.7%	4.2%	3.8%	
Persons w/Homelessness	612	612	588	507	371	270	180		3,283	3,200	3,031	2,635	1,962	1,451	1,127	
Total persons	7,630	7,664	7,374	6,738	6,014	4,990	4,152		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Homelessness	5.3%	4.8%	4.6%	4.6%	3.5%	3.3%	3.5%		3.8%	3.6%	3.4%	3.5%	2.8%	2.7%	2.9%	
Persons w/Homelessness	588	577	584	588	466	446	447		3,049	3,082	2,894	2,965	2,487	2,464	2,526	
Total persons	11,191	12,132	12,666	12,918	13,307	13,477	12,896		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Homelessness	4.4%	3.7%	3.6%	3.6%	2.8%	2.5%	2.7%		3.1%	2.8%	2.5%	2.5%	1.9%	1.8%	2.1%	
Persons w/Homelessness	308	300	306	312	286	282	299		1,653	1,629	1,522	1,522	1,475	1,579	1,811	
Total persons	7,071	8,022	8,416	8,644	10,063	11,084	11,035		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Homelessness	5.8%	5.4%	5.2%	5.0%	3.8%	3.4%	3.3%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	1,508	1,489	1,478	1,407	1,123	998	926		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	25,892	27,818	28,456	28,300	29,384	29,551	28,083		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	10.3%	9.0%	9.4%	7.7%	5.6%	6.6%	5.6%		7.0%	6.7%	6.5%	6.1%	5.0%	5.0%	5.2%	
Persons w/Homelessness	197	177	196	162	115	133	102		1,102	1,082	1,027	950	769	742	711	
Total persons	1,905	1,967	2,079	2,093	2,045	2,013	1,812		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Homelessness	4.2%	4.5%	4.7%	4.0%	3.0%	2.1%	1.8%		3.1%	3.0%	2.8%	2.6%	1.9%	1.5%	1.6%	
Persons w/Homelessness	69	80	85	74	63	47	38		274	293	294	275	249	210	216	
Total persons	1,631	1,766	1,810	1,852	2,082	2,214	2,096		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Homelessness	9.4%	8.4%	8.5%	8.2%	6.2%	5.7%	5.5%		8.6%	7.5%	7.1%	6.6%	5.5%	5.3%	5.3%	
Persons w/Homelessness	458	445	456	438	330	295	263		1,764	1,648	1,587	1,491	1,272	1,199	1,124	
Total persons	4,873	5,272	5,377	5,369	5,290	5,160	4,814		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Homelessness	4.6%	4.6%	4.6%	3.7%	3.2%	2.7%	2.5%		4.1%	3.9%	3.8%	3.2%	2.6%	2.4%	2.9%	
Persons w/Homelessness	78	83	89	74	70	62	58		272	281	294	256	238	239	278	
Total persons	1,684	1,804	1,921	1,991	2,182	2,324	2,318		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Homelessness	5.4%	5.3%	4.7%	4.0%	3.0%	2.9%	2.6%		3.2%	2.9%	2.8%	2.7%	1.8%	1.8%	1.8%	
Persons w/Homelessness	143	156	149	127	106	108	94		895	876	882	836	674	683	646	
Total persons	2,628	2,951	3,180	3,190	3,520	3,731	3,610		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Homelessness	5.2%	4.5%	4.3%	4.4%	3.5%	3.1%	3.1%		3.9%	3.8%	3.5%	3.5%	2.8%	2.5%	2.7%	
Persons w/Homelessness	715	676	657	662	541	476	461		4,235	4,269	3,934	3,874	3,209	2,927	2,952	
Total persons	13,857	14,876	15,163	14,918	15,554	15,419	14,667		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Homelessness	7.0%	6.6%	6.5%	5.9%	4.4%	3.9%	3.7%		5.1%	4.7%	4.4%	4.1%	3.1%	2.8%	2.9%	
Persons w/Homelessness	771	794	807	735	573	517	462		3,653	3,553	3,441	3,195	2,679	2,531	2,482	
Total persons	11,079	11,968	12,414	12,546	13,084	13,373	12,647		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Homelessness	5.6%	5.0%	4.9%	4.8%	3.7%	3.4%	3.3%		4.1%	3.8%	3.6%	3.5%	2.8%	2.7%	2.8%	
Persons w/Homelessness	1,138	1,079	1,071	1,061	857	815	742		5,894	5,785	5,485	5,290	4,512	4,436	4,396	
Total persons	20,405	21,596	22,065	22,055	23,007	23,661	22,705		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Homelessness	6.7%	6.6%	6.4%	5.5%	4.2%	3.1%	3.4%		5.0%	4.7%	4.4%	4.2%	2.9%	2.2%	2.4%	
Persons w/Homelessness	370	410	407	346	266	183	184		2,091	2,126	1,962	1,832	1,412	1,058	1,068	
Total persons	5,487	6,222	6,391	6,245	6,377	5,890	5,378		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Homelessness Rates Among Medicaid-Classic Adults, by County

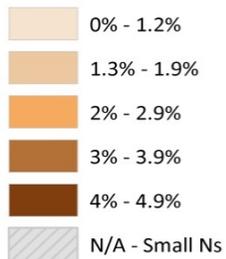
MARCH 2017

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.

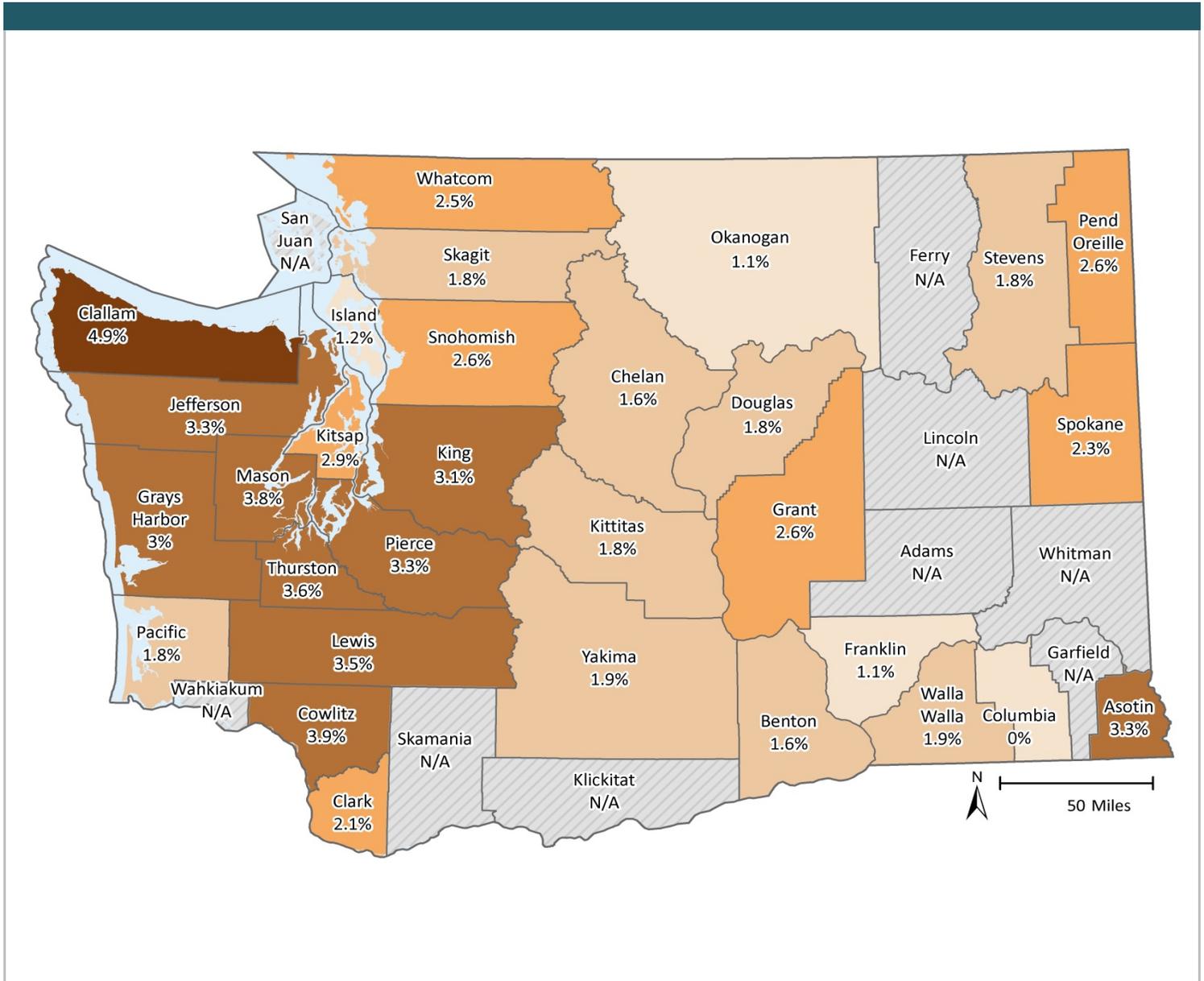
Percent of Medicaid-Classic Adults with Homelessness



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*

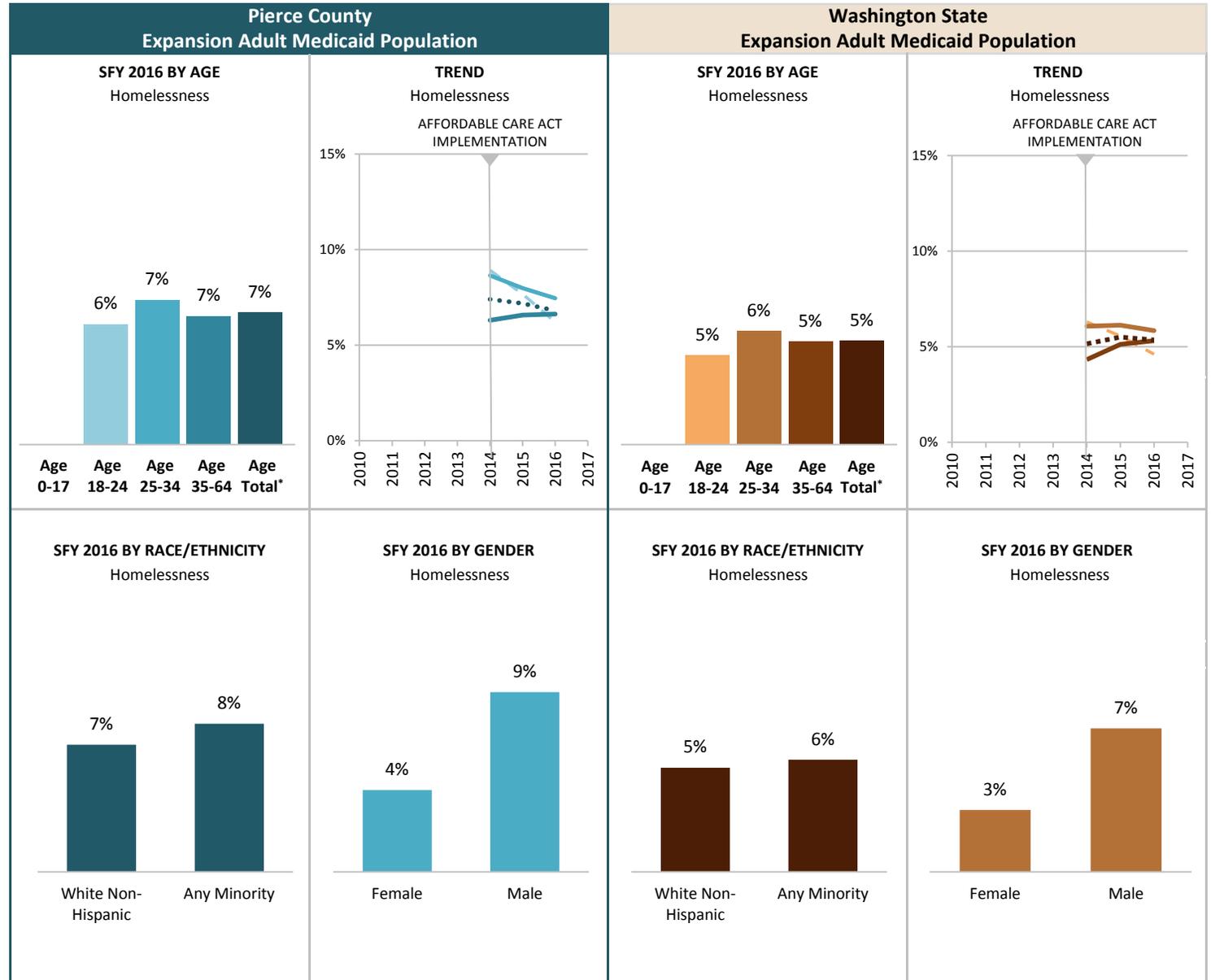
STATE:

- 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	Pierce 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					8.9%	7.7%	6.2%						6.3%	5.6%	4.6%	
Persons w/Homelessness					589	920	877						3,773	5,743	5,513	
Total persons					6,607	12,002	14,142						59,852	103,457	119,804	
Age 25-34 w/Homelessness					8.6%	8.0%	7.5%						6.1%	6.1%	5.8%	
Persons w/Homelessness					1,022	1,682	1,876						6,217	10,847	11,965	
Total persons					11,833	21,067	25,164						102,393	177,330	204,738	
Age 35-64 w/Homelessness					6.3%	6.6%	6.6%						4.3%	5.1%	5.3%	
Persons w/Homelessness					1,410	2,438	2,726						8,580	16,260	18,337	
Total persons					22,398	37,113	41,193						198,262	317,159	345,171	
Age Total¹ w/Homelessness					7.4%	7.2%	6.8%						5.2%	5.5%	5.3%	
Persons w/Homelessness					3,021	5,040	5,479						18,570	32,850	35,815	
Total persons					40,838	70,182	80,499						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Homelessness					14.8%	13.7%	12.2%						12.2%	12.2%	11.4%	
Persons w/Homelessness					273	478	496						2,051	3,694	4,036	
Total persons					1,850	3,494	4,080						16,783	30,399	35,266	
Asian w/Homelessness					3.1%	3.2%	3.1%						1.8%	2.2%	2.3%	
Persons w/Homelessness					122	193	205						603	1,076	1,179	
Total persons					3,948	5,960	6,587						32,924	48,483	51,833	
Black w/Homelessness					14.2%	13.0%	11.3%						12.1%	12.3%	10.9%	
Persons w/Homelessness					796	1,309	1,345						3,422	6,039	6,113	
Total persons					5,605	10,089	11,925						28,284	49,017	56,142	
Hawaiian/PI w/Homelessness					4.5%	5.0%	4.7%						4.2%	4.5%	4.3%	
Persons w/Homelessness					85	181	214						485	910	1,009	
Total persons					1,895	3,643	4,539						11,451	20,416	23,467	
Hispanic w/Homelessness					5.6%	5.8%	5.1%						3.4%	3.8%	3.7%	
Persons w/Homelessness					220	409	423						1,765	3,189	3,556	
Total persons					3,941	7,019	8,264						52,399	84,681	96,834	
White Only w/Homelessness					7.0%	6.7%	6.6%						5.1%	5.4%	5.4%	
Persons w/Homelessness					1,674	2,711	3,016						11,159	19,614	21,643	
Total persons					24,021	40,605	45,942						216,846	361,260	402,225	
Any Minority w/Homelessness					8.5%	8.4%	7.6%						5.6%	6.1%	5.8%	
Persons w/Homelessness					1,326	2,292	2,415						7,289	12,988	13,857	
Total persons					15,560	27,160	31,573						130,167	212,403	239,488	
Population by Gender																
Females w/Homelessness					4.3%	4.2%	4.3%						2.9%	3.2%	3.2%	
Persons w/Homelessness					896	1,461	1,716						5,268	9,395	10,502	
Total persons					20,668	34,877	40,255						179,152	292,424	328,130	
Males w/Homelessness					10.5%	10.1%	9.4%						7.3%	7.7%	7.4%	
Persons w/Homelessness					2,125	3,579	3,763						13,302	23,455	25,313	
Total persons					20,170	35,305	40,244						181,355	305,522	341,583	

Homelessness Rates Among Medicaid-Expansion Adults, by County

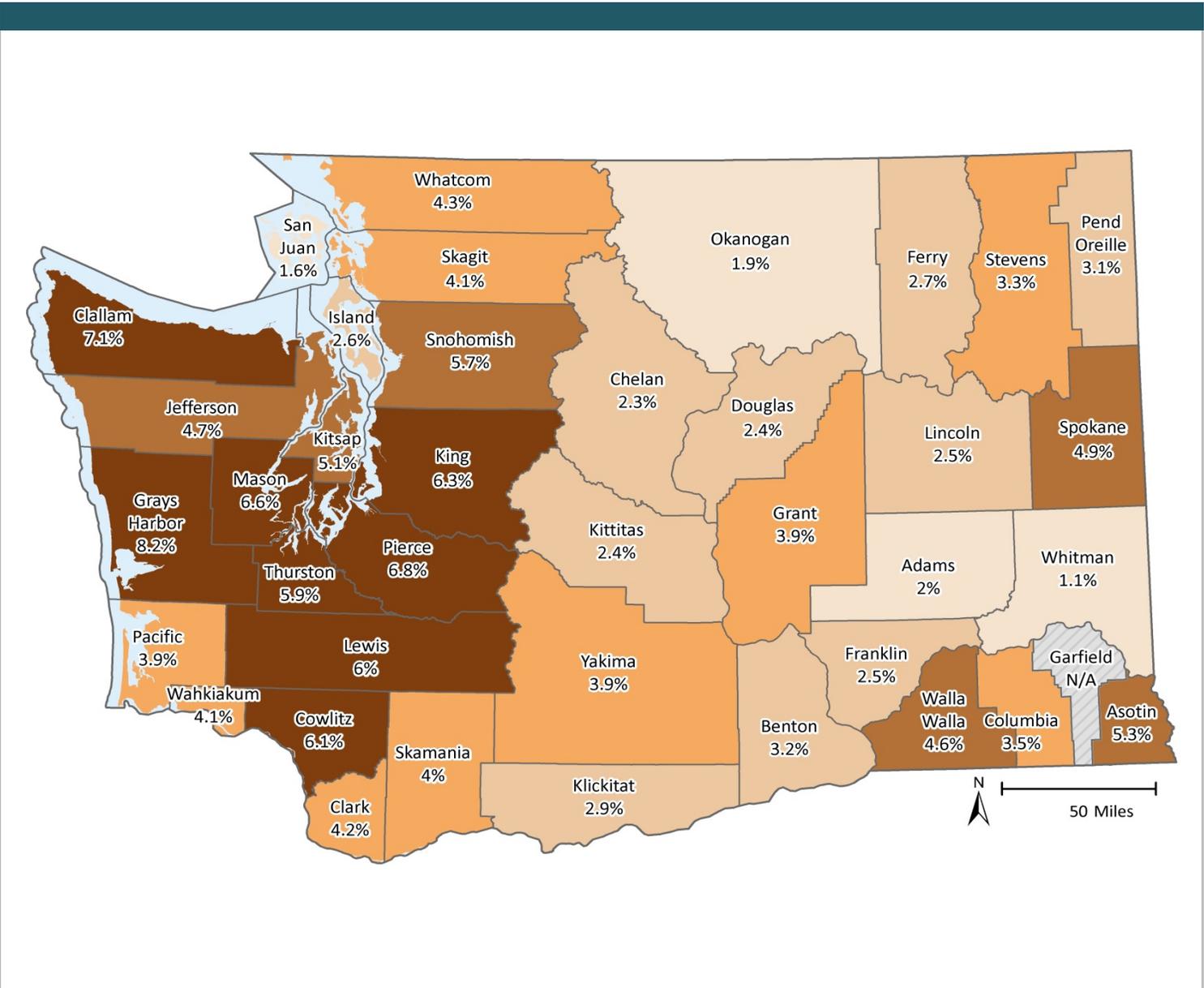
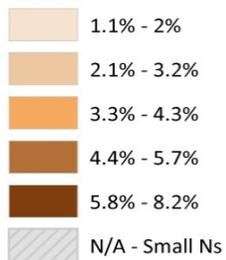
MARCH 2017

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*

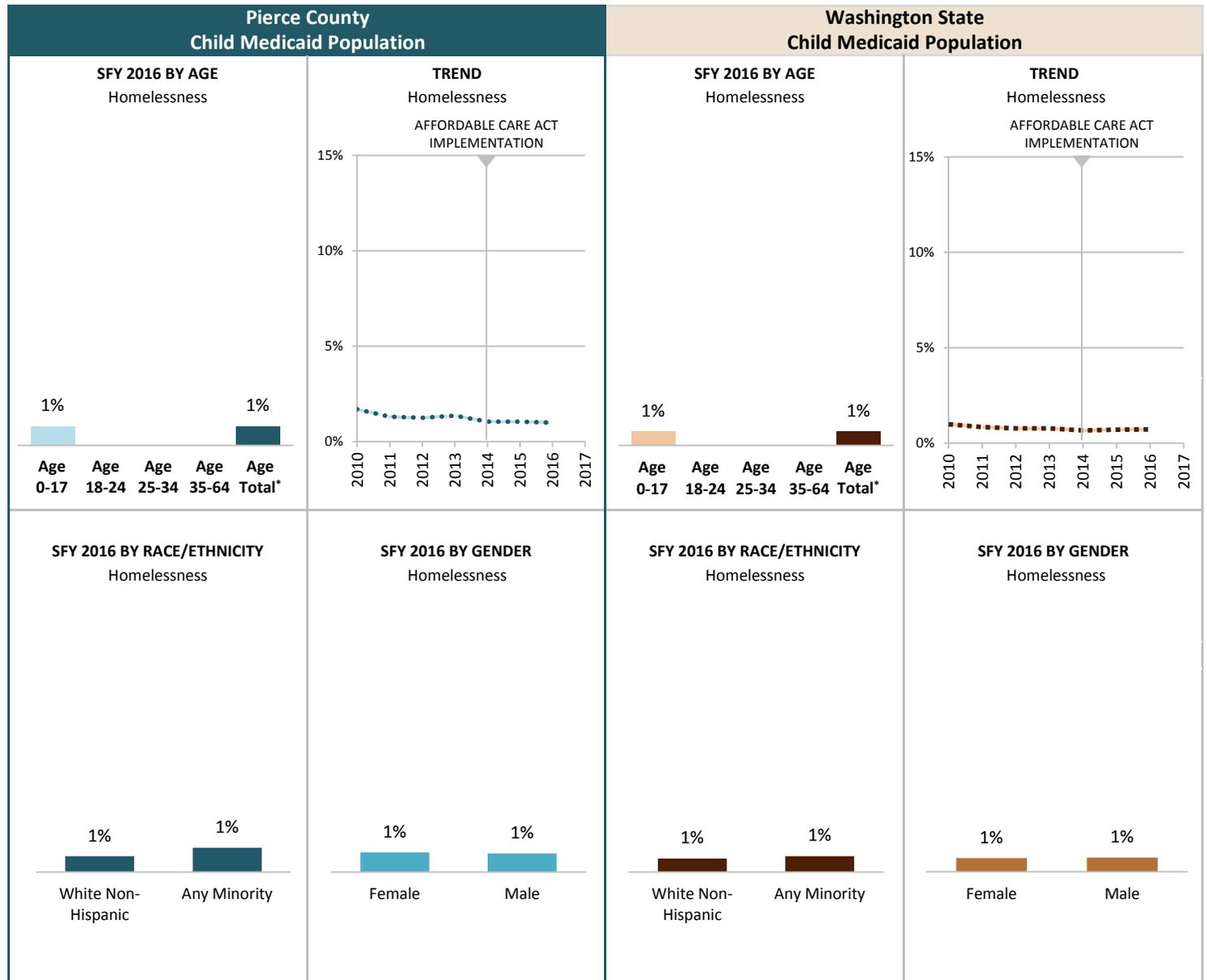
STATE:

- 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

STATE FISCAL YEAR	Pierce County Child Medicaid Population								Washington State Medicaid Population Child 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	1.7%	1.3%	1.2%	1.4%	1.0%	1.0%	1.0%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	1,257	1,022	1,006	1,124	903	940	946		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		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	1.7%	1.3%	1.2%	1.4%	1.0%	1.0%	1.0%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	1,257	1,022	1,006	1,124	903	940	946		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	74,355	78,303	80,973	82,892	86,568	90,286	95,395		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	2.8%	1.8%	1.8%	2.0%	1.4%	1.8%	1.8%		1.7%	1.5%	1.3%	1.4%	1.2%	1.2%	1.2%	
Persons w/Homelessness	140	93	94	105	77	97	102		709	599	553	583	478	494	504	
Total persons	4,994	5,070	5,232	5,359	5,358	5,405	5,540		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Homelessness	1.2%	0.9%	1.0%	1.0%	0.6%	0.6%	0.6%		0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	
Persons w/Homelessness	64	55	59	65	43	43	42		218	199	202	208	189	180	207	
Total persons	5,439	5,792	6,017	6,266	6,844	7,050	7,170		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Homelessness	3.3%	2.6%	2.6%	2.7%	2.1%	2.3%	2.2%		2.7%	2.3%	2.1%	2.1%	1.8%	2.1%	2.0%	
Persons w/Homelessness	468	385	394	416	333	366	369		1,740	1,523	1,468	1,479	1,320	1,524	1,518	
Total persons	14,324	14,662	15,002	15,296	15,757	16,198	16,923		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Homelessness	1.7%	1.5%	1.1%	1.2%	1.0%	1.0%	0.9%		1.2%	1.1%	1.0%	1.0%	0.8%	0.8%	0.9%	
Persons w/Homelessness	84	82	64	75	62	70	70		299	289	271	288	233	277	323	
Total persons	5,055	5,347	5,660	6,029	6,442	6,969	7,629		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Homelessness	1.4%	1.1%	0.8%	1.0%	0.8%	0.8%	0.8%		0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	
Persons w/Homelessness	212	184	142	174	145	155	159		1,258	1,268	1,075	1,059	997	1,053	1,223	
Total persons	15,517	16,209	16,916	17,162	17,940	19,026	20,086		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Homelessness	1.4%	1.0%	1.0%	1.1%	0.9%	0.9%	0.8%		0.9%	0.8%	0.7%	0.7%	0.6%	0.7%	0.7%	
Persons w/Homelessness	427	329	343	382	318	321	304		2,365	2,088	1,994	2,037	1,848	2,033	2,149	
Total persons	30,261	31,965	33,024	33,676	35,147	36,258	37,419		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Homelessness	2.0%	1.6%	1.5%	1.6%	1.2%	1.3%	1.2%		1.1%	1.0%	0.9%	0.9%	0.7%	0.8%	0.8%	
Persons w/Homelessness	771	637	613	688	545	584	610		3,528	3,202	2,970	3,011	2,675	2,943	3,156	
Total persons	38,651	40,120	41,501	42,541	44,532	46,531	48,916		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Homelessness	1.8%	1.4%	1.3%	1.3%	1.1%	1.1%	1.0%		1.0%	0.9%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	657	528	520	553	468	494	483		3,042	2,793	2,593	2,601	2,332	2,530	2,674	
Total persons	36,924	38,810	40,144	40,988	42,877	44,803	47,231		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Homelessness	1.6%	1.3%	1.2%	1.4%	1.0%	1.0%	1.0%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	600	494	486	571	435	446	463		3,089	2,751	2,592	2,666	2,343	2,616	2,833	
Total persons	37,431	39,493	40,829	41,904	43,691	45,483	48,164		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.

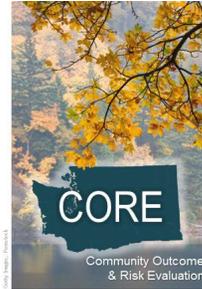
Wei, R., Tong, D. & J. M. Phillips (2016) An integrated classification scheme for mapping estimates and errors of estimation from the American Community Survey. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2016.04.003>.

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

Pierce 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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