

# Cowlitz 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

RDA REPORT NUMBER  
4.95.08



### CONTENTS

PAGE	
<u>1</u>	<b>Any Behavioral Health Treatment Need Summary</b>
<u>3</u>	Medicaid-Disabled Any Behavioral Health Treatment Need
<u>6</u>	Medicaid-Classic Adult: Any Behavioral Health Treatment Need
<u>9</u>	Medicaid-Expansion Adult: Behavioral Health Treatment Need
<u>12</u>	Medicaid-Child: Any Behavioral Health Treatment Need
<u>15</u>	<b>Mental Illness Treatment Need Summary</b>
<u>17</u>	Medicaid-Disabled: Mental Illness Treatment Need
<u>20</u>	Medicaid-Classic Adult: Mental Illness Treatment Need
<u>23</u>	Medicaid-Expansion Adult: Mental Illness Treatment Need
<u>26</u>	Medicaid-Child: Mental Illness Treatment Need
<u>29</u>	<b>Substance Use Disorder Treatment Need Summary</b>
<u>31</u>	Medicaid-Disabled: Substance Use Disorder Treatment Need
<u>34</u>	Medicaid-Classic Adult: Substance Use Disorder Treatment Need
<u>37</u>	Medicaid-Expansion Adult: Substance Use Disorder Treatment Need
<u>40</u>	Medicaid-Child: Substance Use Disorder Treatment Need
<u>43</u>	<b>Co-occurring Disorder Treatment Need Summary</b>
<u>45</u>	Medicaid-Disabled: Co-occurring Disorder Treatment Need
<u>48</u>	Medicaid-Classic Adult: Co-occurring Disorder Treatment Need
<u>51</u>	Medicaid-Expansion Adult: Co-occurring Disorder Treatment Need
<u>54</u>	Medicaid-Child: Co-occurring Disorder Treatment Need
<u>57</u>	<b>Criminal Justice Involvement Summary</b>
<u>59</u>	Medicaid-Disabled: Criminal Justice Involvement
<u>62</u>	Medicaid-Classic Adult: Criminal Justice Involvement
<u>65</u>	Medicaid-Expansion Adult: Criminal Justice Involvement
<u>68</u>	Medicaid-Child: Criminal Justice Involvement
<u>71</u>	<b>Psychotropic Polypharmacy Summary</b>
<u>73</u>	Medicaid-Disabled: Psychotropic Polypharmacy
<u>76</u>	Medicaid-Classic Adult: Psychotropic Polypharmacy
<u>79</u>	Medicaid-Expansion Adult: Psychotropic Polypharmacy
<u>82</u>	Medicaid-Child: Psychotropic Polypharmacy

PAGE	
<u>85</u>	<b>Emergency Room Use Summary</b>
<u>87</u>	Medicaid-Disabled: Emergency Room Use
<u>90</u>	Medicaid-Classic Adult: Emergency Room Use
<u>93</u>	Medicaid-Expansion Adult: Emergency Room Use
<u>96</u>	Medicaid-Child: Emergency Room Use
<u>99</u>	<b>Homelessness Summary</b>
<u>101</u>	Medicaid-Disabled: Homelessness
<u>104</u>	Medicaid-Classic Adult: Homelessness
<u>107</u>	Medicaid-Expansion Adult: Homelessness
<u>110</u>	Medicaid-Child: Homelessness
<u>113</u>	<b>Technical Notes</b>

**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	Cowlitz County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Medicaid-Disabled</b>	<b>72.1%</b>	<b>72.2%</b>	<b>72.3%</b>	<b>71.5%</b>	<b>72.1%</b>	<b>70.9%</b>	<b>72.2%</b>		<b>71.7%</b>	<b>72.4%</b>	<b>71.9%</b>	<b>71.3%</b>	<b>72.5%</b>	<b>70.4%</b>	<b>71.4%</b>	
Persons w/Any BH Tx Need	2,374	2,537	2,607	2,700	2,613	2,194	2,241		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Medicaid-Classic Adults</b>	<b>49.2%</b>	<b>48.2%</b>	<b>47.9%</b>	<b>47.5%</b>	<b>48.3%</b>	<b>52.8%</b>	<b>55.5%</b>		<b>40.8%</b>	<b>41.9%</b>	<b>41.5%</b>	<b>41.1%</b>	<b>40.6%</b>	<b>43.3%</b>	<b>46.1%</b>	
Persons w/Any BH Tx Need	2,462	2,509	2,460	2,361	2,475	2,560	2,628		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>40.2%</b>	<b>48.2%</b>	<b>51.2%</b>						<b>29.1%</b>	<b>38.6%</b>	<b>42.5%</b>	
Persons w/Any BH Tx Need					2,614	5,442	6,774						104,829	231,038	284,370	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>19.8%</b>	<b>20.2%</b>	<b>20.5%</b>	<b>20.6%</b>	<b>21.2%</b>	<b>21.6%</b>	<b>21.4%</b>		<b>13.4%</b>	<b>14.4%</b>	<b>15.0%</b>	<b>15.4%</b>	<b>15.2%</b>	<b>15.7%</b>	<b>16.3%</b>	
Persons w/Any BH Tx Need	2,545	2,692	2,745	2,720	2,863	2,987	3,166		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		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\*

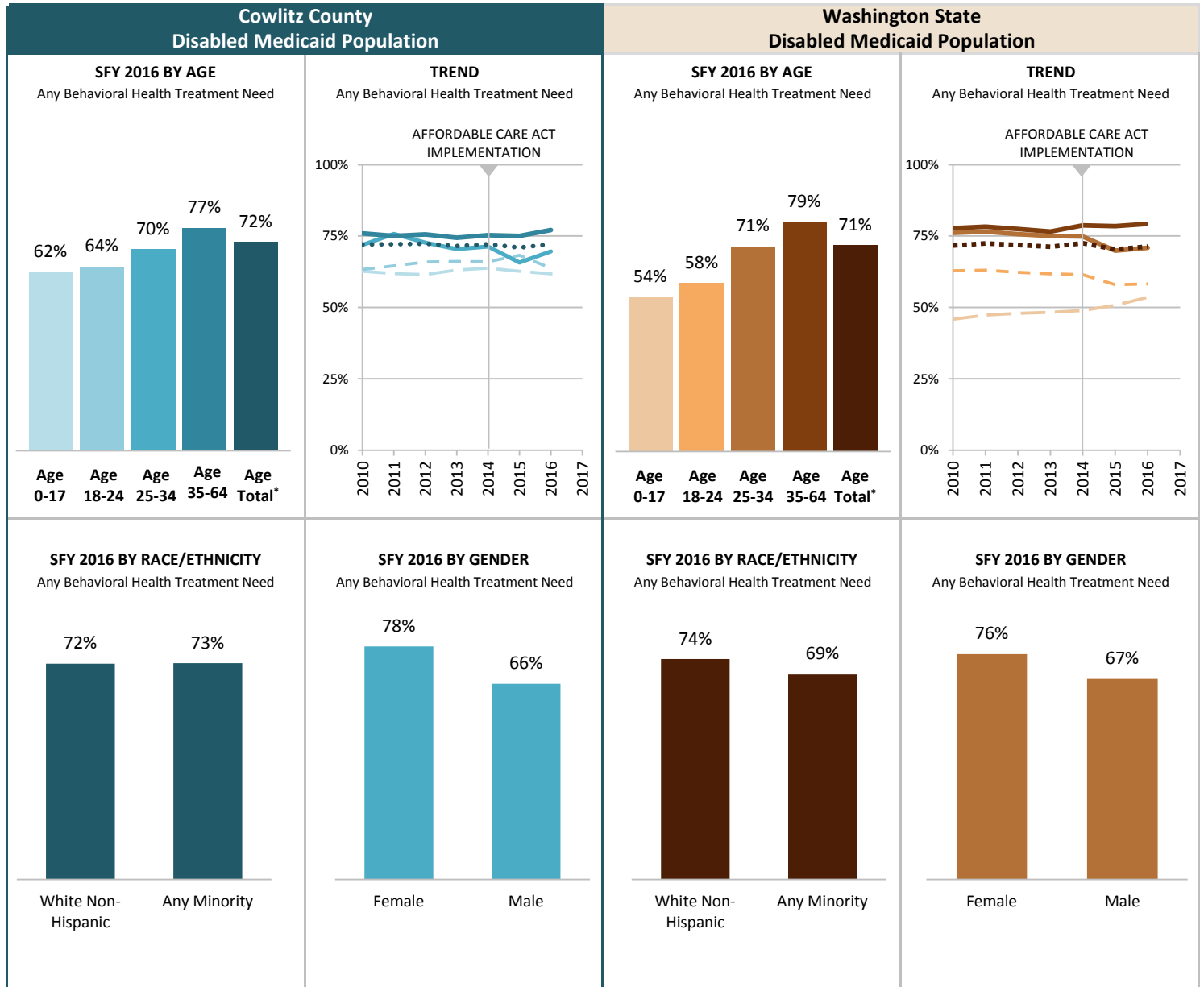
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Any BH Tx Need</b>	<b>62.7%</b>	<b>61.9%</b>	<b>61.5%</b>	<b>63.1%</b>	<b>63.7%</b>	<b>62.7%</b>	<b>61.7%</b>		<b>45.9%</b>	<b>47.3%</b>	<b>47.9%</b>	<b>48.3%</b>	<b>49.0%</b>	<b>50.7%</b>	<b>53.5%</b>	
Persons w/Any BH Tx Need	314	323	324	347	374	361	350		7,697	8,190	8,620	8,962	9,063	9,332	10,081	
Total persons	501	522	527	550	587	576	567		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
<b>Age 18-24 w/Any BH Tx Need</b>	<b>63.3%</b>	<b>64.6%</b>	<b>65.9%</b>	<b>66.1%</b>	<b>66.0%</b>	<b>68.2%</b>	<b>63.8%</b>		<b>62.8%</b>	<b>63.0%</b>	<b>62.3%</b>	<b>61.8%</b>	<b>61.5%</b>	<b>58.0%</b>	<b>58.3%</b>	
Persons w/Any BH Tx Need	214	219	207	226	206	189	176		7,808	7,887	7,830	7,880	7,308	5,679	5,611	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/Any BH Tx Need</b>	<b>71.9%</b>	<b>75.8%</b>	<b>72.7%</b>	<b>70.5%</b>	<b>71.3%</b>	<b>65.7%</b>	<b>69.6%</b>		<b>76.1%</b>	<b>76.5%</b>	<b>75.7%</b>	<b>75.1%</b>	<b>74.8%</b>	<b>69.9%</b>	<b>70.9%</b>	
Persons w/Any BH Tx Need	304	338	336	334	326	261	275		12,899	13,388	13,888	14,537	13,786	9,537	9,654	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/Any BH Tx Need</b>	<b>75.9%</b>	<b>75.1%</b>	<b>75.6%</b>	<b>74.4%</b>	<b>75.3%</b>	<b>75.0%</b>	<b>77.1%</b>		<b>77.7%</b>	<b>78.3%</b>	<b>77.5%</b>	<b>76.6%</b>	<b>78.7%</b>	<b>78.4%</b>	<b>79.3%</b>	
Persons w/Any BH Tx Need	1,542	1,657	1,740	1,793	1,707	1,383	1,440		61,190	63,560	66,195	68,726	66,067	47,610	46,909	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>1</sup> w/Any BH Tx Need</b>	<b>72.1%</b>	<b>72.2%</b>	<b>72.3%</b>	<b>71.5%</b>	<b>72.1%</b>	<b>70.9%</b>	<b>72.2%</b>		<b>71.7%</b>	<b>72.4%</b>	<b>71.9%</b>	<b>71.3%</b>	<b>72.5%</b>	<b>70.4%</b>	<b>71.4%</b>	
Persons w/Any BH Tx Need	2,374	2,537	2,607	2,700	2,613	2,194	2,241		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Any BH Tx Need</b>	<b>79.9%</b>	<b>82.7%</b>	<b>78.6%</b>	<b>77.9%</b>	<b>80.2%</b>	<b>78.4%</b>	<b>76.3%</b>		<b>79.6%</b>	<b>80.5%</b>	<b>79.4%</b>	<b>79.2%</b>	<b>80.0%</b>	<b>79.1%</b>	<b>79.3%</b>	
Persons w/Any BH Tx Need	326	369	397	459	462	353	338		10,071	10,461	10,678	11,078	10,617	8,236	8,013	
Total persons	408	446	505	589	576	450	443		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
<b>Asian w/Any BH Tx Need</b>	<b>72.5%</b>	<b>74.4%</b>	<b>71.8%</b>	<b>66.7%</b>	<b>62.2%</b>	<b>71.1%</b>	<b>55.6%</b>		<b>62.7%</b>	<b>63.8%</b>	<b>64.0%</b>	<b>63.2%</b>	<b>64.2%</b>	<b>63.5%</b>	<b>63.9%</b>	
Persons w/Any BH Tx Need	29	29	28	26	28	27	20		3,867	4,032	4,117	4,270	4,115	3,209	3,189	
Total persons	40	39	39	39	45	38	36		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
<b>Black w/Any BH Tx Need</b>	<b>72.0%</b>	<b>71.9%</b>	<b>73.8%</b>	<b>77.6%</b>	<b>79.3%</b>	<b>66.7%</b>	<b>71.0%</b>		<b>72.4%</b>	<b>73.1%</b>	<b>72.6%</b>	<b>72.6%</b>	<b>73.0%</b>	<b>70.2%</b>	<b>71.7%</b>	
Persons w/Any BH Tx Need	67	64	76	83	88	70	71		11,391	12,081	12,815	13,493	13,150	10,033	10,247	
Total persons	93	89	103	107	111	105	100		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
<b>Hawaiian/PI w/Any BH Tx Need</b>	<b>57.7%</b>	<b>72.7%</b>	<b>66.7%</b>	<b>69.7%</b>	<b>68.4%</b>	<b>75.0%</b>	<b>77.4%</b>		<b>59.8%</b>	<b>61.1%</b>	<b>61.3%</b>	<b>61.0%</b>	<b>61.4%</b>	<b>59.5%</b>	<b>62.2%</b>	
Persons w/Any BH Tx Need	15	16	20	23	26	27	24		1,602	1,776	1,863	2,003	1,992	1,550	1,621	
Total persons	26	22	30	33	38	36	31		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
<b>Hispanic w/Any BH Tx Need</b>	<b>62.4%</b>	<b>64.6%</b>	<b>63.3%</b>	<b>68.2%</b>	<b>70.2%</b>	<b>68.1%</b>	<b>65.4%</b>		<b>58.2%</b>	<b>59.8%</b>	<b>60.3%</b>	<b>59.9%</b>	<b>61.0%</b>	<b>58.6%</b>	<b>61.6%</b>	
Persons w/Any BH Tx Need	106	128	133	161	160	130	136		6,961	7,694	8,395	8,898	8,783	7,102	7,525	
Total persons	170	198	210	236	228	191	208		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
<b>White Only w/Any BH Tx Need</b>	<b>72.0%</b>	<b>71.8%</b>	<b>72.3%</b>	<b>71.2%</b>	<b>71.5%</b>	<b>70.7%</b>	<b>72.5%</b>		<b>74.2%</b>	<b>74.8%</b>	<b>74.3%</b>	<b>73.7%</b>	<b>75.2%</b>	<b>73.3%</b>	<b>74.0%</b>	
Persons w/Any BH Tx Need	1,876	1,981	2,006	2,023	1,920	1,641	1,700		58,288	59,854	61,660	63,679	60,903	44,713	44,352	
Total persons	2,607	2,760	2,774	2,841	2,685	2,320	2,346		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
<b>Any Minority w/Any BH Tx Need</b>	<b>74.3%</b>	<b>75.9%</b>	<b>73.6%</b>	<b>74.4%</b>	<b>76.5%</b>	<b>74.0%</b>	<b>72.7%</b>		<b>69%</b>	<b>70%</b>	<b>69%</b>	<b>69%</b>	<b>70%</b>	<b>67%</b>	<b>69%</b>	
Persons w/Any BH Tx Need	489	540	585	673	688	542	524		30,656	32,417	34,046	35,594	34,533	26,827	27,191	
Total persons	658	711	795	904	899	732	721		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
<b>Population by Gender</b>																
<b>Females w/Any BH Tx Need</b>	<b>75.9%</b>	<b>76.8%</b>	<b>76.3%</b>	<b>75.5%</b>	<b>76.6%</b>	<b>75.7%</b>	<b>78.4%</b>		<b>74.9%</b>	<b>75.6%</b>	<b>75.2%</b>	<b>74.7%</b>	<b>76.1%</b>	<b>74.8%</b>	<b>75.7%</b>	
Persons w/Any BH Tx Need	1,300	1,414	1,459	1,475	1,409	1,197	1,231		46,172	47,799	49,189	50,465	48,279	37,014	36,598	
Total persons	1,712	1,841	1,912	1,954	1,840	1,582	1,571		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
<b>Males w/Any BH Tx Need</b>	<b>67.9%</b>	<b>67.1%</b>	<b>67.8%</b>	<b>67.2%</b>	<b>67.6%</b>	<b>66.0%</b>	<b>65.8%</b>		<b>68.6%</b>	<b>69.3%</b>	<b>68.7%</b>	<b>68.2%</b>	<b>69.2%</b>	<b>66.3%</b>	<b>67.4%</b>	
Persons w/Any BH Tx Need	1,074	1,123	1,148	1,225	1,204	997	1,010		43,422	45,226	47,344	49,640	47,945	35,144	35,657	
Total persons	1,581	1,673	1,693	1,823	1,782	1,511	1,535		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

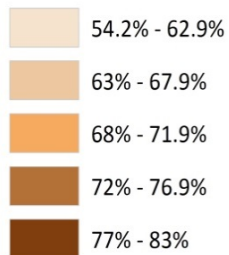
MARCH 2017

**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.

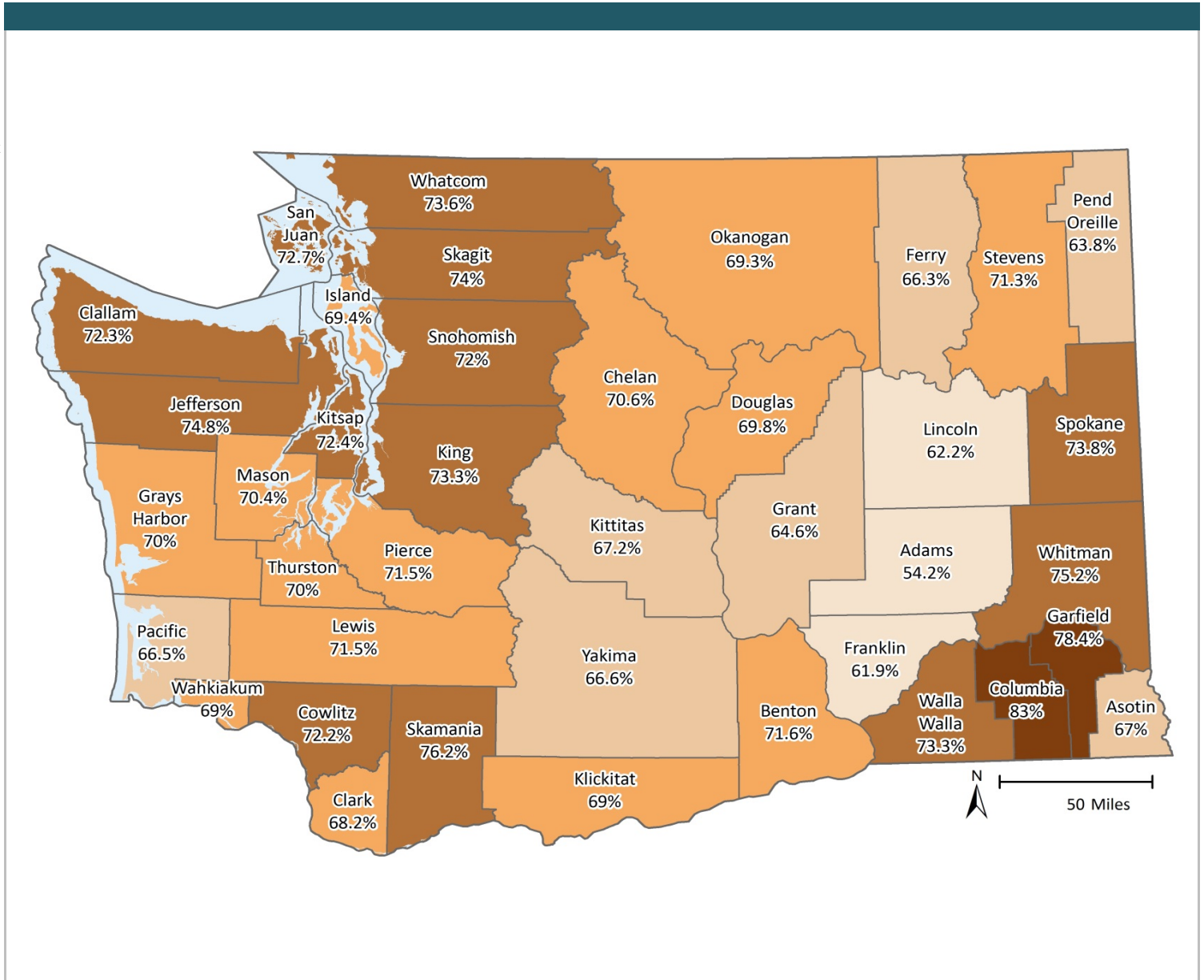
**Percent of Medicaid-Disabled Youth and Adults with Any Behavioral Health Tx Need**



**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\*

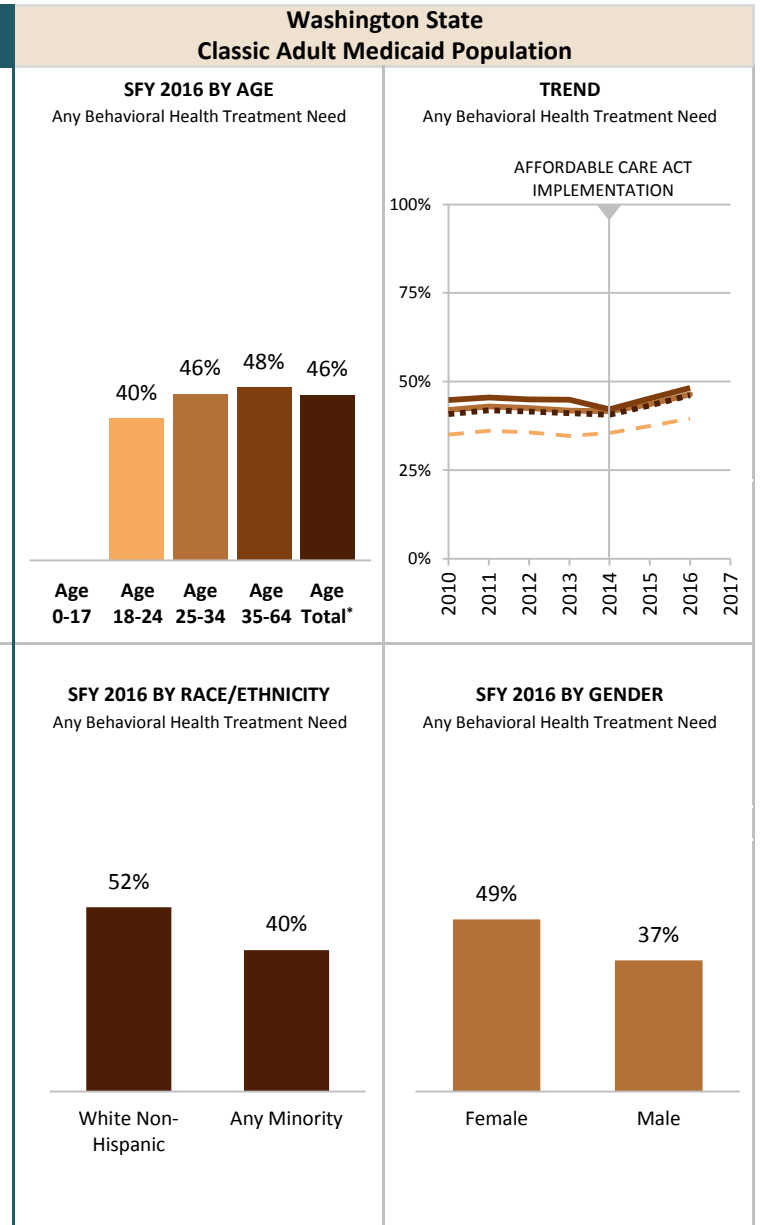
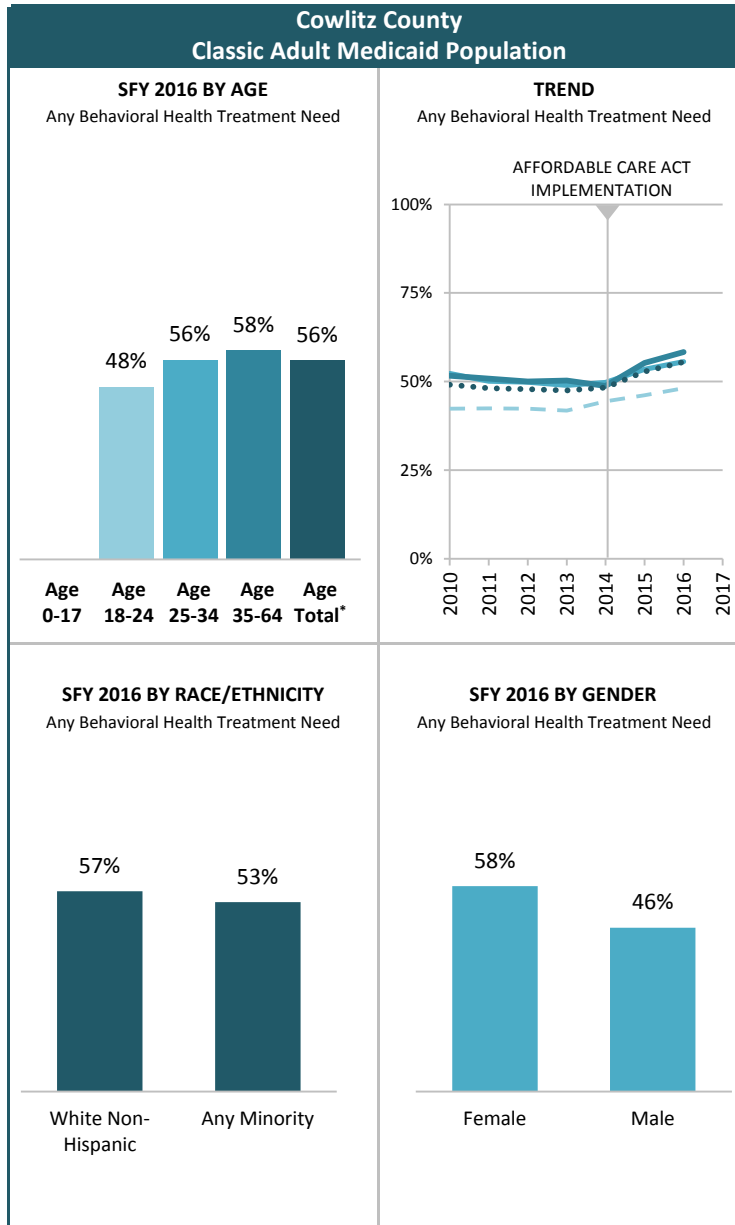
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Any BH Tx Need</b>																
Persons w/Any BH Tx Need																
Total persons																
<b>Age 18-24 w/Any BH Tx Need</b>	<b>42.3%</b>	<b>42.5%</b>	<b>42.4%</b>	<b>41.8%</b>	<b>44.5%</b>	<b>46.2%</b>	<b>48.1%</b>		<b>35.1%</b>	<b>36.2%</b>	<b>35.7%</b>	<b>34.7%</b>	<b>35.5%</b>	<b>37.5%</b>	<b>39.5%</b>	
Persons w/Any BH Tx Need	631	629	601	552	483	411	360		18,811	19,242	17,930	16,238	14,925	13,030	11,807	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/Any BH Tx Need</b>	<b>52.3%</b>	<b>50.2%</b>	<b>49.8%</b>	<b>49.0%</b>	<b>49.8%</b>	<b>53.5%</b>	<b>55.7%</b>		<b>42.0%</b>	<b>43.0%</b>	<b>42.5%</b>	<b>41.8%</b>	<b>41.6%</b>	<b>43.6%</b>	<b>46.4%</b>	
Persons w/Any BH Tx Need	1,090	1,108	1,102	1,063	1,137	1,146	1,193		33,376	36,503	36,212	35,509	37,434	39,841	40,534	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/Any BH Tx Need</b>	<b>51.7%</b>	<b>50.8%</b>	<b>50.1%</b>	<b>50.3%</b>	<b>48.8%</b>	<b>55.2%</b>	<b>58.3%</b>		<b>44.8%</b>	<b>45.5%</b>	<b>44.9%</b>	<b>44.9%</b>	<b>42.2%</b>	<b>45.2%</b>	<b>48.2%</b>	
Persons w/Any BH Tx Need	741	772	757	746	855	1,003	1,075		24,201	26,558	26,955	27,195	32,595	39,258	41,192	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total<sup>1</sup> w/Any BH Tx Need</b>	<b>49.2%</b>	<b>48.2%</b>	<b>47.9%</b>	<b>47.5%</b>	<b>48.3%</b>	<b>52.8%</b>	<b>55.5%</b>		<b>40.8%</b>	<b>41.9%</b>	<b>41.5%</b>	<b>41.1%</b>	<b>40.6%</b>	<b>43.3%</b>	<b>46.1%</b>	
Persons w/Any BH Tx Need	2,462	2,509	2,460	2,361	2,475	2,560	2,628		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Any BH Tx Need</b>	<b>62.4%</b>	<b>63.2%</b>	<b>65.6%</b>	<b>67.3%</b>	<b>65.4%</b>	<b>67.2%</b>	<b>64.9%</b>		<b>58.0%</b>	<b>58.2%</b>	<b>57.9%</b>	<b>57.5%</b>	<b>57.4%</b>	<b>59.9%</b>	<b>62.5%</b>	
Persons w/Any BH Tx Need	297	304	300	317	308	275	261		9,126	9,347	9,192	8,927	8,917	8,833	8,618	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/Any BH Tx Need</b>	<b>42.3%</b>	<b>38.8%</b>	<b>35.2%</b>	<b>41.7%</b>	<b>44.4%</b>	<b>43.5%</b>	<b>50.0%</b>		<b>27.3%</b>	<b>27.5%</b>	<b>27.9%</b>	<b>27.6%</b>	<b>25.1%</b>	<b>27.0%</b>	<b>29.8%</b>	
Persons w/Any BH Tx Need	47	38	37	43	48	47	46		2,441	2,706	2,900	2,892	3,221	3,736	3,958	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/Any BH Tx Need</b>	<b>55.5%</b>	<b>50.0%</b>	<b>47.7%</b>	<b>50.4%</b>	<b>53.9%</b>	<b>60.0%</b>	<b>55.7%</b>		<b>38.0%</b>	<b>39.3%</b>	<b>38.4%</b>	<b>37.3%</b>	<b>38.1%</b>	<b>40.0%</b>	<b>42.4%</b>	
Persons w/Any BH Tx Need	61	59	62	63	76	78	78		7,772	8,662	8,589	8,401	8,871	9,046	9,007	
Total persons	110	118	130	125	141	130	140		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
<b>Hawaiian/PI w/Any BH Tx Need</b>	<b>34.5%</b>	<b>37.3%</b>	<b>45.8%</b>	<b>44.0%</b>	<b>37.7%</b>	<b>24.4%</b>	<b>33.0%</b>		<b>26.3%</b>	<b>27.5%</b>	<b>26.9%</b>	<b>26.5%</b>	<b>25.9%</b>	<b>27.7%</b>	<b>29.9%</b>	
Persons w/Any BH Tx Need	20	22	22	22	26	19	30		1,738	1,981	2,063	2,120	2,401	2,782	2,895	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/Any BH Tx Need</b>	<b>41.5%</b>	<b>40.3%</b>	<b>38.7%</b>	<b>38.8%</b>	<b>42.3%</b>	<b>45.2%</b>	<b>47.5%</b>		<b>34.0%</b>	<b>35.0%</b>	<b>34.7%</b>	<b>34.0%</b>	<b>32.9%</b>	<b>36.1%</b>	<b>38.6%</b>	
Persons w/Any BH Tx Need	160	178	172	177	207	205	213		9,522	10,556	10,770	10,564	12,091	13,933	14,256	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/Any BH Tx Need</b>	<b>49.5%</b>	<b>48.5%</b>	<b>48.2%</b>	<b>47.1%</b>	<b>47.8%</b>	<b>53.2%</b>	<b>56.6%</b>		<b>44.4%</b>	<b>45.8%</b>	<b>45.4%</b>	<b>45.2%</b>	<b>45.4%</b>	<b>48.8%</b>	<b>52.1%</b>	
Persons w/Any BH Tx Need	1,927	1,954	1,914	1,809	1,875	1,991	2,050		48,478	51,959	50,800	49,390	52,982	57,313	57,986	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/Any BH Tx Need</b>	<b>50.5%</b>	<b>50.3%</b>	<b>49.7%</b>	<b>50.8%</b>	<b>51.4%</b>	<b>52.7%</b>	<b>53.5%</b>		<b>38%</b>	<b>38%</b>	<b>38%</b>	<b>37%</b>	<b>36%</b>	<b>38%</b>	<b>40%</b>	
Persons w/Any BH Tx Need	514	537	527	539	578	551	559		26,960	29,270	29,352	28,697	31,020	33,636	33,981	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/Any BH Tx Need</b>	<b>52.5%</b>	<b>52.0%</b>	<b>51.9%</b>	<b>51.7%</b>	<b>52.6%</b>	<b>56.1%</b>	<b>58.1%</b>		<b>42.5%</b>	<b>43.9%</b>	<b>43.5%</b>	<b>43.1%</b>	<b>43.1%</b>	<b>45.9%</b>	<b>48.6%</b>	
Persons w/Any BH Tx Need	1,955	1,972	1,975	1,896	2,008	2,097	2,153		61,664	66,247	65,546	64,159	69,252	75,901	77,321	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/Any BH Tx Need</b>	<b>39.5%</b>	<b>37.9%</b>	<b>36.4%</b>	<b>35.6%</b>	<b>35.9%</b>	<b>41.8%</b>	<b>46.3%</b>		<b>35.1%</b>	<b>35.3%</b>	<b>34.7%</b>	<b>34.2%</b>	<b>32.2%</b>	<b>34.1%</b>	<b>37.1%</b>	
Persons w/Any BH Tx Need	507	537	485	465	467	463	475		14,724	16,056	15,551	14,783	15,702	16,228	16,212	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		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

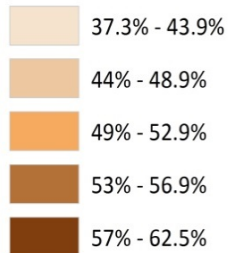
MARCH 2017

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.

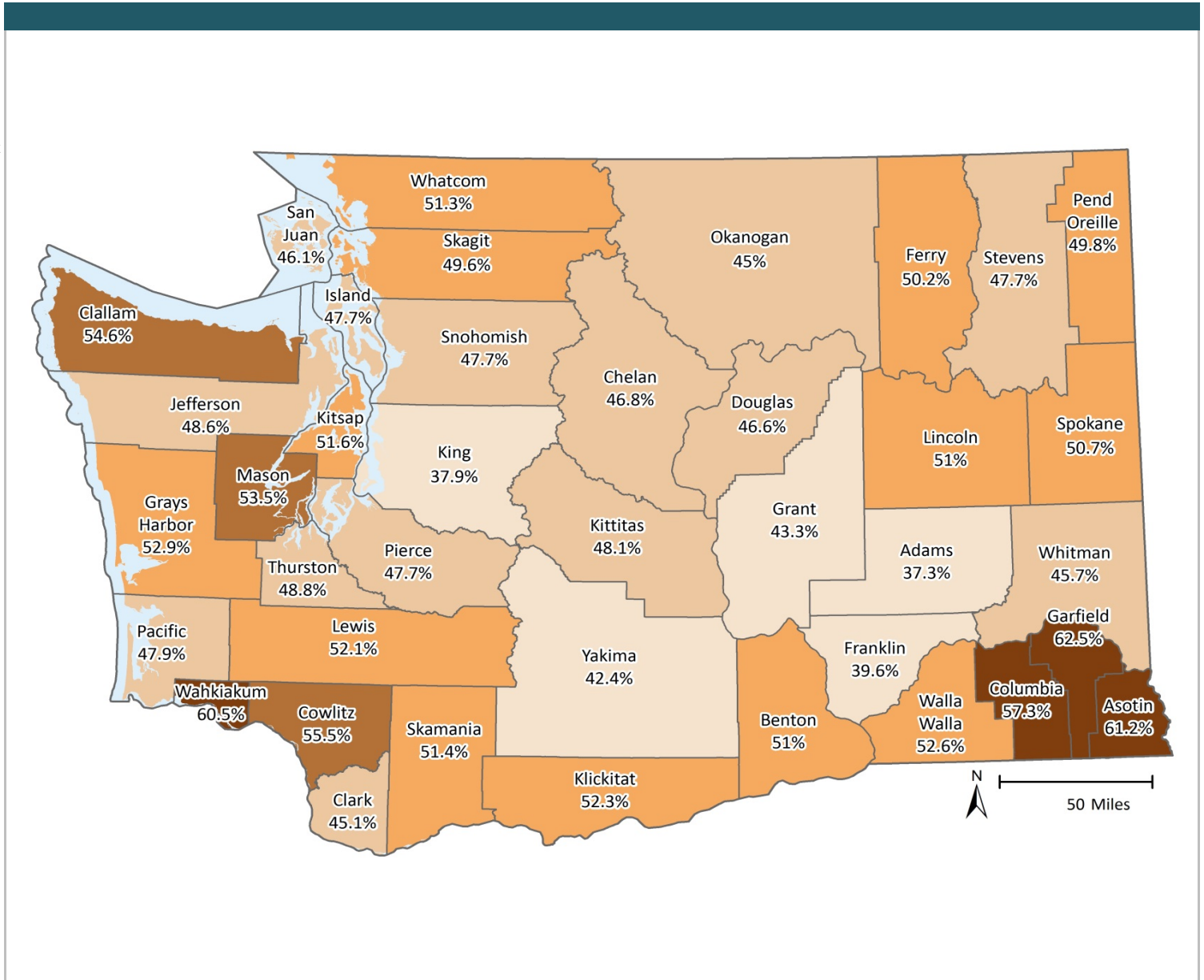
**Percent of Medicaid-Classic Adults with Any Behavioral Health Tx Need**



**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\*

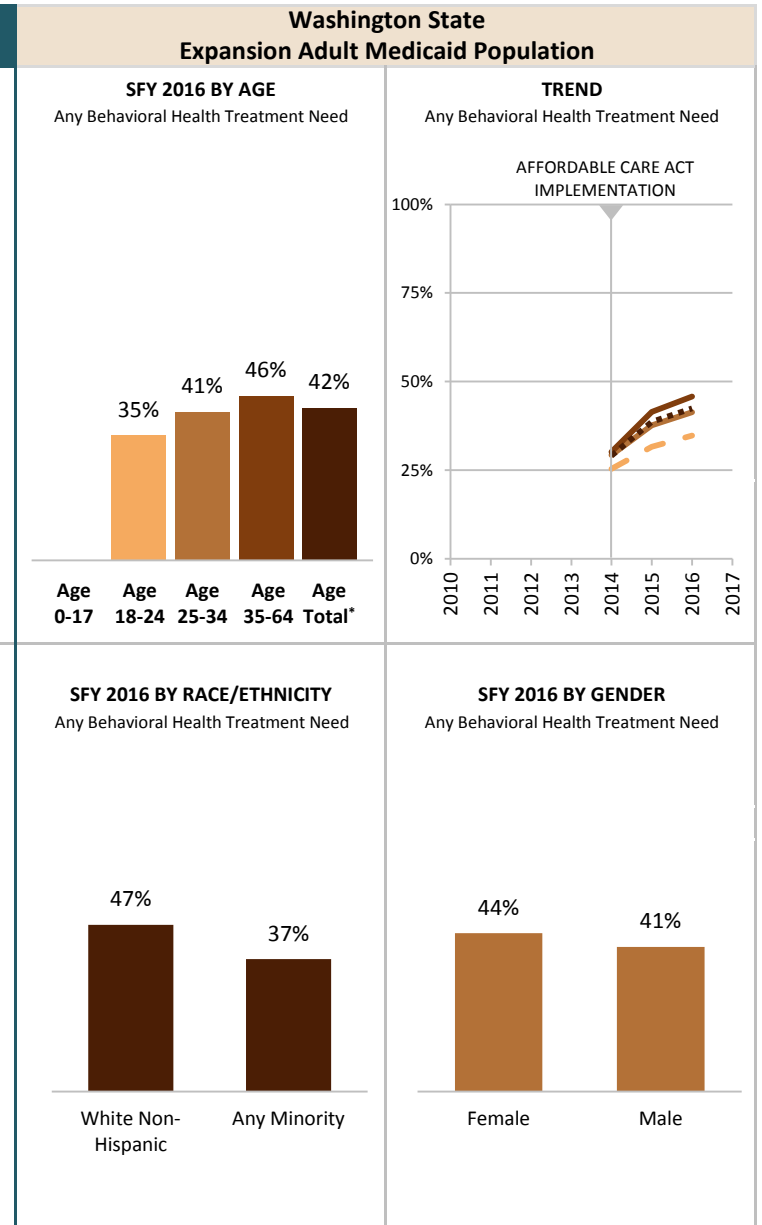
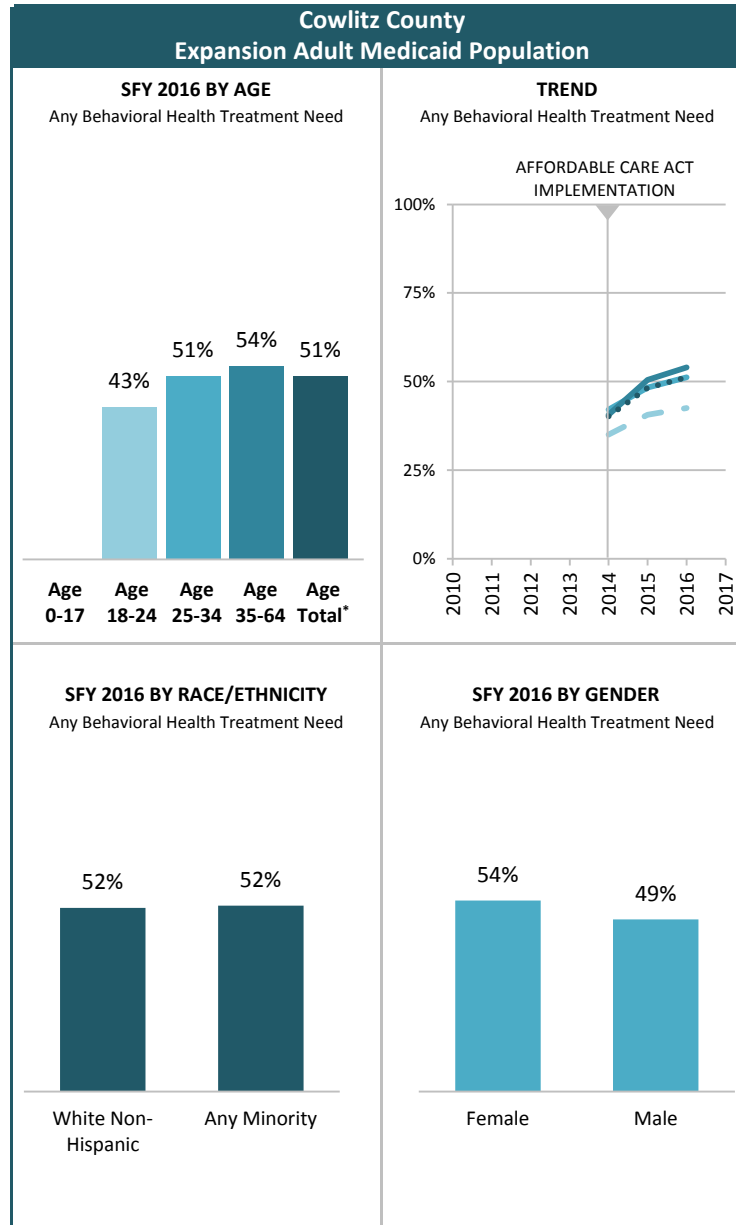
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Any BH Tx Need</b>																
Persons w/Any BH Tx Need																
Total persons																
<b>Age 18-24 w/Any BH Tx Need</b>					<b>35.0%</b>	<b>40.6%</b>	<b>42.6%</b>						<b>25.3%</b>	<b>31.6%</b>	<b>34.8%</b>	
Persons w/Any BH Tx Need					352	784	971						15,169	32,694	41,688	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/Any BH Tx Need</b>					<b>42.1%</b>	<b>48.3%</b>	<b>51.2%</b>						<b>29.2%</b>	<b>37.7%</b>	<b>41.3%</b>	
Persons w/Any BH Tx Need					714	1,480	1,954						29,942	66,765	84,634	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/Any BH Tx Need</b>					<b>40.7%</b>	<b>50.4%</b>	<b>54.0%</b>						<b>30.1%</b>	<b>41.5%</b>	<b>45.8%</b>	
Persons w/Any BH Tx Need					1,548	3,178	3,849						59,718	131,579	158,048	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>1</sup> w/Any BH Tx Need</b>					<b>40.2%</b>	<b>48.2%</b>	<b>51.2%</b>						<b>29.1%</b>	<b>38.6%</b>	<b>42.5%</b>	
Persons w/Any BH Tx Need					2,614	5,442	6,774						104,829	231,038	284,370	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Any BH Tx Need</b>					<b>62.9%</b>	<b>68.5%</b>	<b>68.5%</b>						<b>50.4%</b>	<b>58.8%</b>	<b>60.5%</b>	
Persons w/Any BH Tx Need					414	755	812						8,459	17,867	21,353	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/Any BH Tx Need</b>					<b>23.3%</b>	<b>31.5%</b>	<b>33.1%</b>						<b>13.9%</b>	<b>21.4%</b>	<b>25.0%</b>	
Persons w/Any BH Tx Need					37	75	95						4,585	10,380	12,979	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/Any BH Tx Need</b>					<b>51.5%</b>	<b>52.3%</b>	<b>53.1%</b>						<b>27.5%</b>	<b>38.3%</b>	<b>41.1%</b>	
Persons w/Any BH Tx Need					68	138	169						7,779	18,791	23,089	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/Any BH Tx Need</b>					<b>38.5%</b>	<b>36.9%</b>	<b>38.7%</b>						<b>19.0%</b>	<b>25.9%</b>	<b>29.3%</b>	
Persons w/Any BH Tx Need					30	55	75						2,180	5,292	6,879	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/Any BH Tx Need</b>					<b>28.5%</b>	<b>37.6%</b>	<b>43.5%</b>						<b>22.5%</b>	<b>31.8%</b>	<b>36.3%</b>	
Persons w/Any BH Tx Need					144	343	498						11,811	26,899	35,103	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/Any BH Tx Need</b>					<b>39.5%</b>	<b>48.1%</b>	<b>51.6%</b>						<b>33.1%</b>	<b>42.9%</b>	<b>46.8%</b>	
Persons w/Any BH Tx Need					1,971	4,142	5,200						71,668	154,974	188,282	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/Any BH Tx Need</b>					<b>44.4%</b>	<b>50.9%</b>	<b>52.2%</b>						<b>24%</b>	<b>33%</b>	<b>37%</b>	
Persons w/Any BH Tx Need					628	1,239	1,476						31,339	71,097	88,980	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/Any BH Tx Need</b>					<b>40.3%</b>	<b>49.5%</b>	<b>54.0%</b>						<b>29.4%</b>	<b>39.8%</b>	<b>44.4%</b>	
Persons w/Any BH Tx Need					1,296	2,687	3,412						52,649	116,264	145,699	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/Any BH Tx Need</b>					<b>40.0%</b>	<b>46.9%</b>	<b>48.7%</b>						<b>28.8%</b>	<b>37.6%</b>	<b>40.6%</b>	
Persons w/Any BH Tx Need					1,318	2,755	3,362						52,180	114,774	138,671	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

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

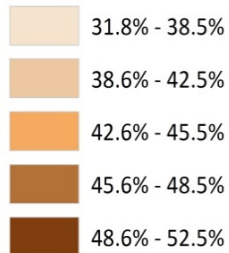
MARCH 2017

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.

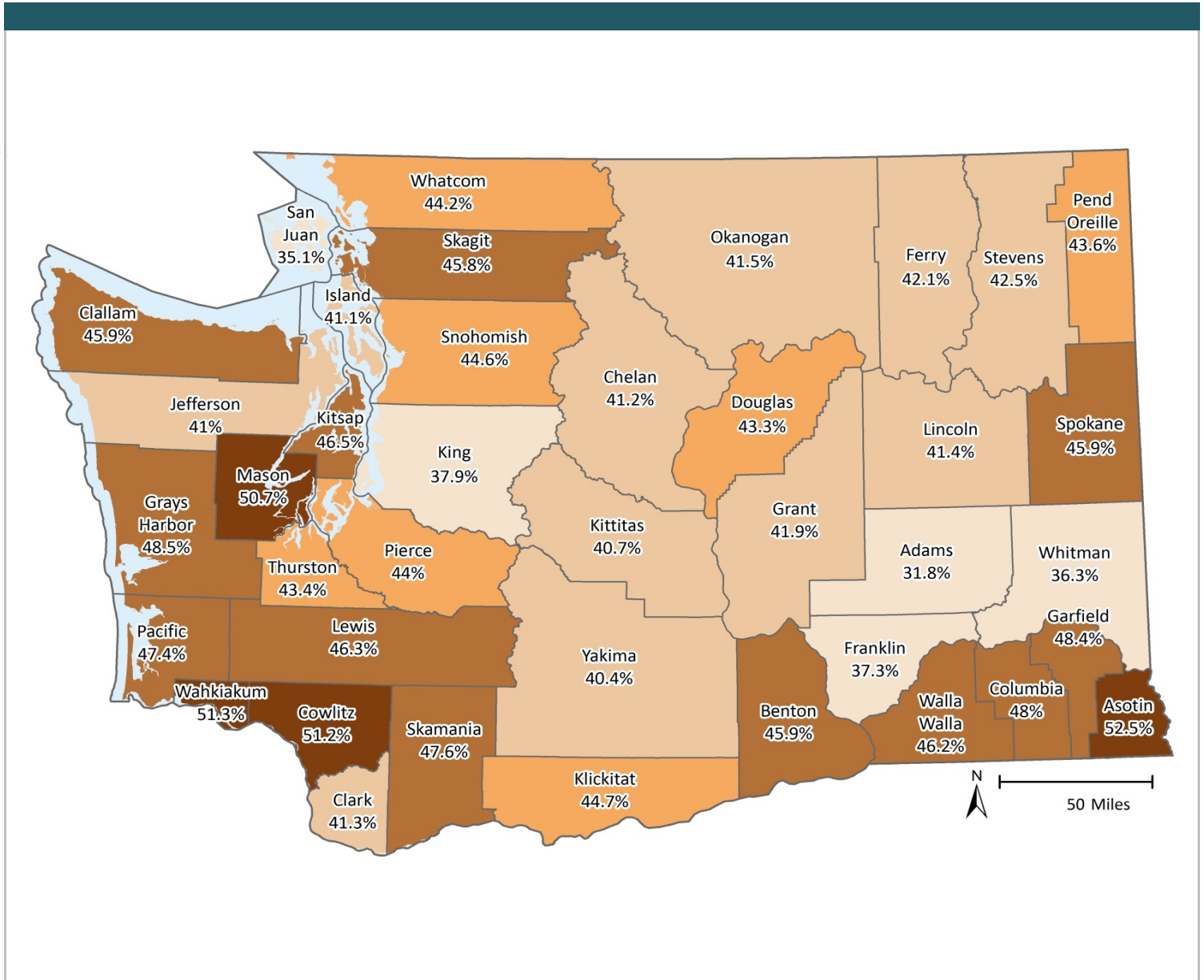
**Percent of Medicaid-Expansion Adults with Any Behavioral Health Tx Need**



**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\*

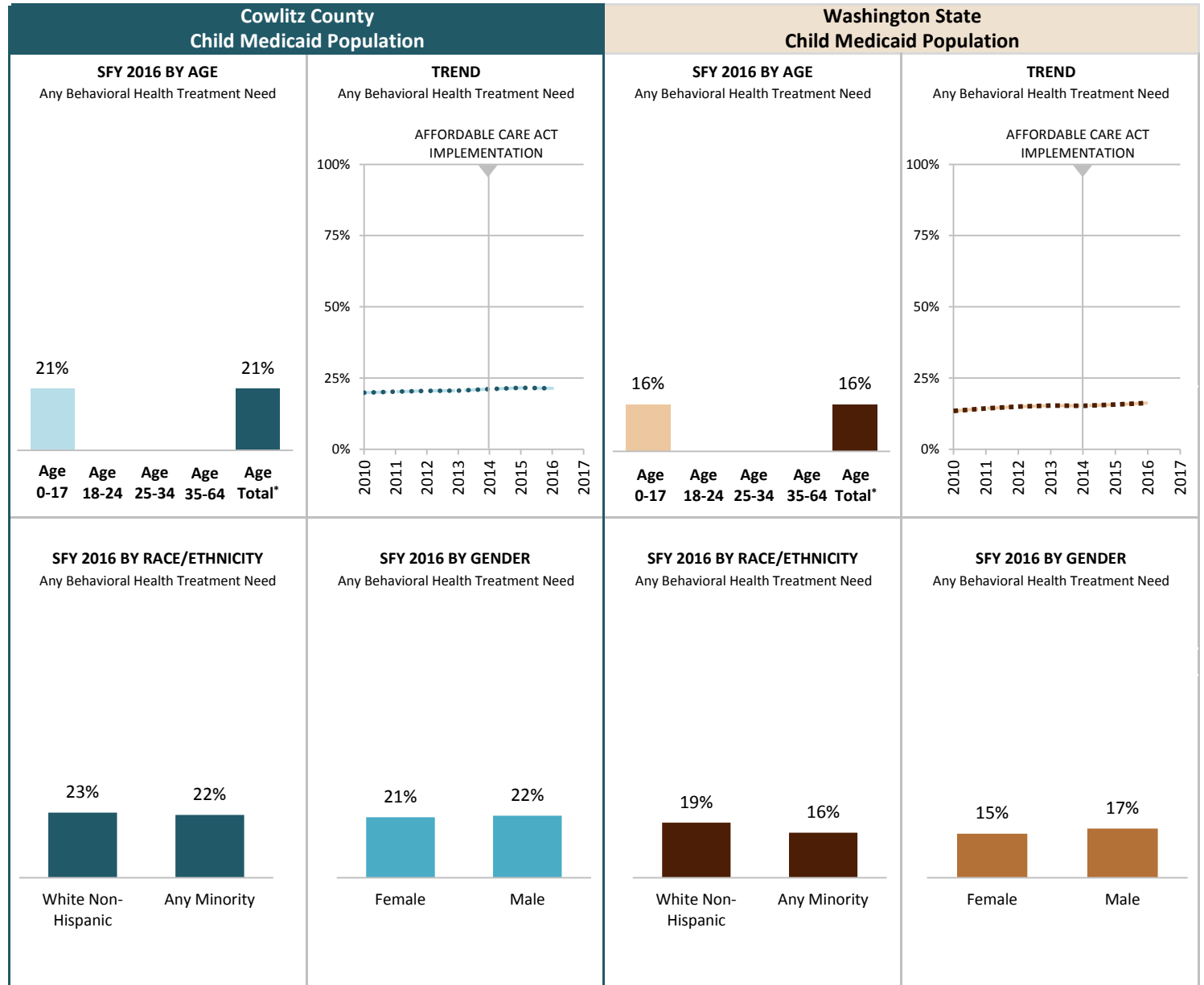
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Any BH Tx Need</b>	<b>19.8%</b>	<b>20.2%</b>	<b>20.5%</b>	<b>20.6%</b>	<b>21.2%</b>	<b>21.6%</b>	<b>21.4%</b>		<b>13.4%</b>	<b>14.4%</b>	<b>15.0%</b>	<b>15.4%</b>	<b>15.2%</b>	<b>15.7%</b>	<b>16.3%</b>	
Persons w/Any BH Tx Need	2,545	2,692	2,745	2,720	2,863	2,987	3,166		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Age 18-24 w/Any BH Tx Need</b>																
Persons w/Any BH Tx Need																
Total persons																
<b>Age 25-34 w/Any BH Tx Need</b>																
Persons w/Any BH Tx Need																
Total persons																
<b>Age 35-64 w/Any BH Tx Need</b>																
Persons w/Any BH Tx Need																
Total persons																
<b>Age Total<sup>1</sup> w/Any BH Tx Need</b>	<b>19.8%</b>	<b>20.2%</b>	<b>20.5%</b>	<b>20.6%</b>	<b>21.2%</b>	<b>21.6%</b>	<b>21.4%</b>		<b>13.4%</b>	<b>14.4%</b>	<b>15.0%</b>	<b>15.4%</b>	<b>15.2%</b>	<b>15.7%</b>	<b>16.3%</b>	
Persons w/Any BH Tx Need	2,545	2,692	2,745	2,720	2,863	2,987	3,166		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Any BH Tx Need</b>	<b>36.6%</b>	<b>35.9%</b>	<b>35.0%</b>	<b>36.3%</b>	<b>37.6%</b>	<b>35.9%</b>	<b>36.6%</b>		<b>26.7%</b>	<b>27.2%</b>	<b>27.8%</b>	<b>28.4%</b>	<b>28.4%</b>	<b>28.7%</b>	<b>29.0%</b>	
Persons w/Any BH Tx Need	377	364	339	340	344	311	309		10,825	11,217	11,512	11,763	11,740	11,770	11,876	
Total persons	1,029	1,013	969	937	914	867	844		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
<b>Asian w/Any BH Tx Need</b>	<b>17.3%</b>	<b>19.3%</b>	<b>20.7%</b>	<b>16.5%</b>	<b>15.3%</b>	<b>13.7%</b>	<b>16.2%</b>		<b>8.8%</b>	<b>9.8%</b>	<b>10.7%</b>	<b>11.1%</b>	<b>10.9%</b>	<b>11.5%</b>	<b>12.2%</b>	
Persons w/Any BH Tx Need	47	54	57	47	47	41	49		3,150	3,761	4,265	4,531	4,831	5,237	5,607	
Total persons	271	280	276	284	308	300	302		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
<b>Black w/Any BH Tx Need</b>	<b>28.2%</b>	<b>27.6%</b>	<b>31.0%</b>	<b>28.6%</b>	<b>28.4%</b>	<b>28.0%</b>	<b>27.1%</b>		<b>16.2%</b>	<b>17.5%</b>	<b>18.0%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>18.6%</b>	<b>19.1%</b>	
Persons w/Any BH Tx Need	120	126	142	130	144	143	151		10,379	11,671	12,336	12,789	13,190	13,742	14,458	
Total persons	426	456	458	455	507	511	558		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
<b>Hawaiian/PI w/Any BH Tx Need</b>	<b>16.0%</b>	<b>19.6%</b>	<b>20.3%</b>	<b>19.8%</b>	<b>21.5%</b>	<b>20.0%</b>	<b>17.4%</b>		<b>9.2%</b>	<b>10.2%</b>	<b>11.0%</b>	<b>11.4%</b>	<b>11.6%</b>	<b>11.7%</b>	<b>11.9%</b>	
Persons w/Any BH Tx Need	33	47	47	47	56	55	58		2,199	2,676	3,089	3,333	3,566	3,822	4,105	
Total persons	206	240	232	237	261	275	333		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
<b>Hispanic w/Any BH Tx Need</b>	<b>15.4%</b>	<b>15.3%</b>	<b>16.1%</b>	<b>16.3%</b>	<b>17.5%</b>	<b>18.5%</b>	<b>19.0%</b>		<b>10.1%</b>	<b>11.5%</b>	<b>12.5%</b>	<b>13.0%</b>	<b>13.3%</b>	<b>14.0%</b>	<b>14.9%</b>	
Persons w/Any BH Tx Need	408	429	465	477	517	565	605		19,049	22,863	25,566	27,156	28,691	31,152	34,104	
Total persons	2,648	2,811	2,893	2,918	2,954	3,050	3,190		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
<b>White Only w/Any BH Tx Need</b>	<b>20.8%</b>	<b>21.5%</b>	<b>21.8%</b>	<b>21.7%</b>	<b>22.3%</b>	<b>23.1%</b>	<b>22.8%</b>		<b>16.5%</b>	<b>17.3%</b>	<b>17.8%</b>	<b>18.3%</b>	<b>17.9%</b>	<b>18.5%</b>	<b>19.3%</b>	
Persons w/Any BH Tx Need	1,673	1,777	1,806	1,777	1,861	1,968	2,061		43,255	47,356	49,303	50,706	52,492	55,528	59,503	
Total persons	8,057	8,250	8,278	8,181	8,339	8,523	9,035		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
<b>Any Minority w/Any BH Tx Need</b>	<b>20.6%</b>	<b>20.4%</b>	<b>20.9%</b>	<b>21.0%</b>	<b>21.6%</b>	<b>21.7%</b>	<b>22.0%</b>		<b>12%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>	<b>16%</b>	
Persons w/Any BH Tx Need	855	888	916	920	971	990	1,053		39,232	44,949	48,859	51,215	53,301	56,638	60,909	
Total persons	4,153	4,346	4,385	4,386	4,492	4,559	4,777		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
<b>Population by Gender</b>																
<b>Females w/Any BH Tx Need</b>	<b>17.8%</b>	<b>18.5%</b>	<b>18.3%</b>	<b>18.5%</b>	<b>20.1%</b>	<b>21.3%</b>	<b>21.1%</b>		<b>12.1%</b>	<b>12.9%</b>	<b>13.5%</b>	<b>13.9%</b>	<b>14.0%</b>	<b>14.6%</b>	<b>15.4%</b>	
Persons w/Any BH Tx Need	1,142	1,244	1,229	1,249	1,364	1,462	1,548		37,086	41,769	44,419	46,375	48,733	52,676	57,970	
Total persons	6,419	6,723	6,724	6,734	6,781	6,863	7,321		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
<b>Males w/Any BH Tx Need</b>	<b>21.9%</b>	<b>21.9%</b>	<b>22.8%</b>	<b>22.7%</b>	<b>22.2%</b>	<b>21.8%</b>	<b>21.7%</b>		<b>14.8%</b>	<b>15.8%</b>	<b>16.5%</b>	<b>16.8%</b>	<b>16.5%</b>	<b>16.7%</b>	<b>17.1%</b>	
Persons w/Any BH Tx Need	1,403	1,448	1,516	1,471	1,499	1,525	1,618		46,587	52,346	55,781	57,626	59,348	62,254	66,526	
Total persons	6,408	6,602	6,658	6,494	6,749	6,989	7,461		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

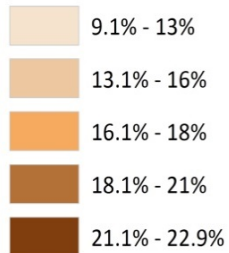
MARCH 2017

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.

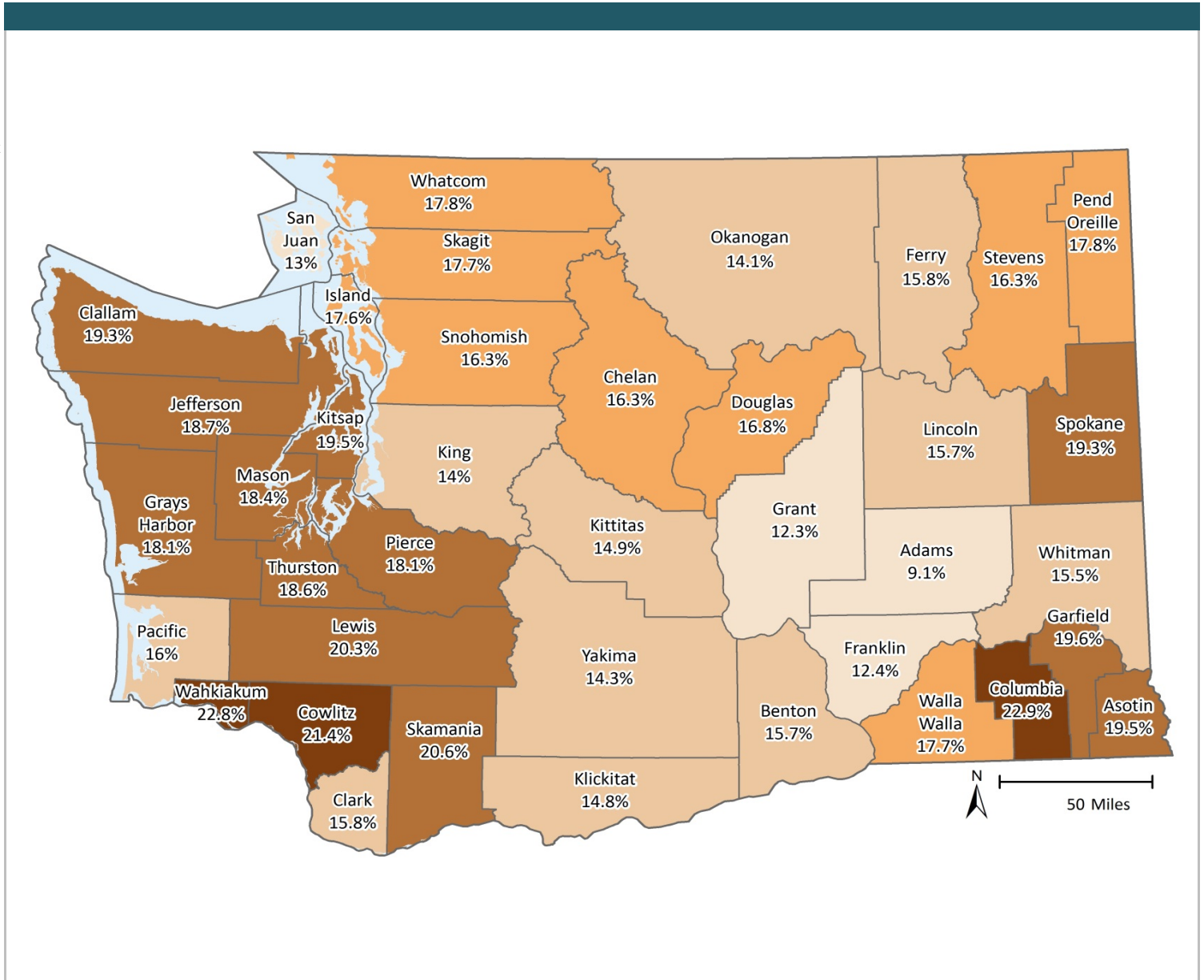
**Percent of Medicaid-Children with Any Behavioral Health Tx Need**



**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**

	Cowlitz County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>by Medicaid Sub-Population</b>																
<b>Medicaid-Disabled</b>	<b>68.8%</b>	<b>69.1%</b>	<b>69.3%</b>	<b>67.5%</b>	<b>68.2%</b>	<b>67.3%</b>	<b>68.5%</b>		<b>68.5%</b>	<b>69.2%</b>	<b>68.4%</b>	<b>67.4%</b>	<b>68.9%</b>	<b>67.1%</b>	<b>67.9%</b>	
Persons w/MI Tx Need	2,266	2,429	2,497	2,550	2,470	2,082	2,128		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Medicaid-Classic Adults</b>	<b>43.2%</b>	<b>43.1%</b>	<b>42.9%</b>	<b>41.7%</b>	<b>43.1%</b>	<b>47.3%</b>	<b>49.8%</b>		<b>34.9%</b>	<b>36.4%</b>	<b>36.1%</b>	<b>35.5%</b>	<b>35.7%</b>	<b>38.9%</b>	<b>41.9%</b>	
Persons w/MI Tx Need	2,161	2,246	2,208	2,074	2,208	2,292	2,359		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>33.2%</b>	<b>39.6%</b>	<b>42.8%</b>						<b>23.1%</b>	<b>32.3%</b>	<b>36.4%</b>	
Persons w/MI Tx Need					2,161	4,476	5,659						83,208	193,369	243,541	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>18.9%</b>	<b>19.4%</b>	<b>19.6%</b>	<b>19.7%</b>	<b>20.3%</b>	<b>20.7%</b>	<b>20.2%</b>		<b>12.6%</b>	<b>13.6%</b>	<b>14.2%</b>	<b>14.5%</b>	<b>14.4%</b>	<b>14.9%</b>	<b>15.2%</b>	
Persons w/MI Tx Need	2,427	2,585	2,623	2,610	2,747	2,866	2,991		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		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\*

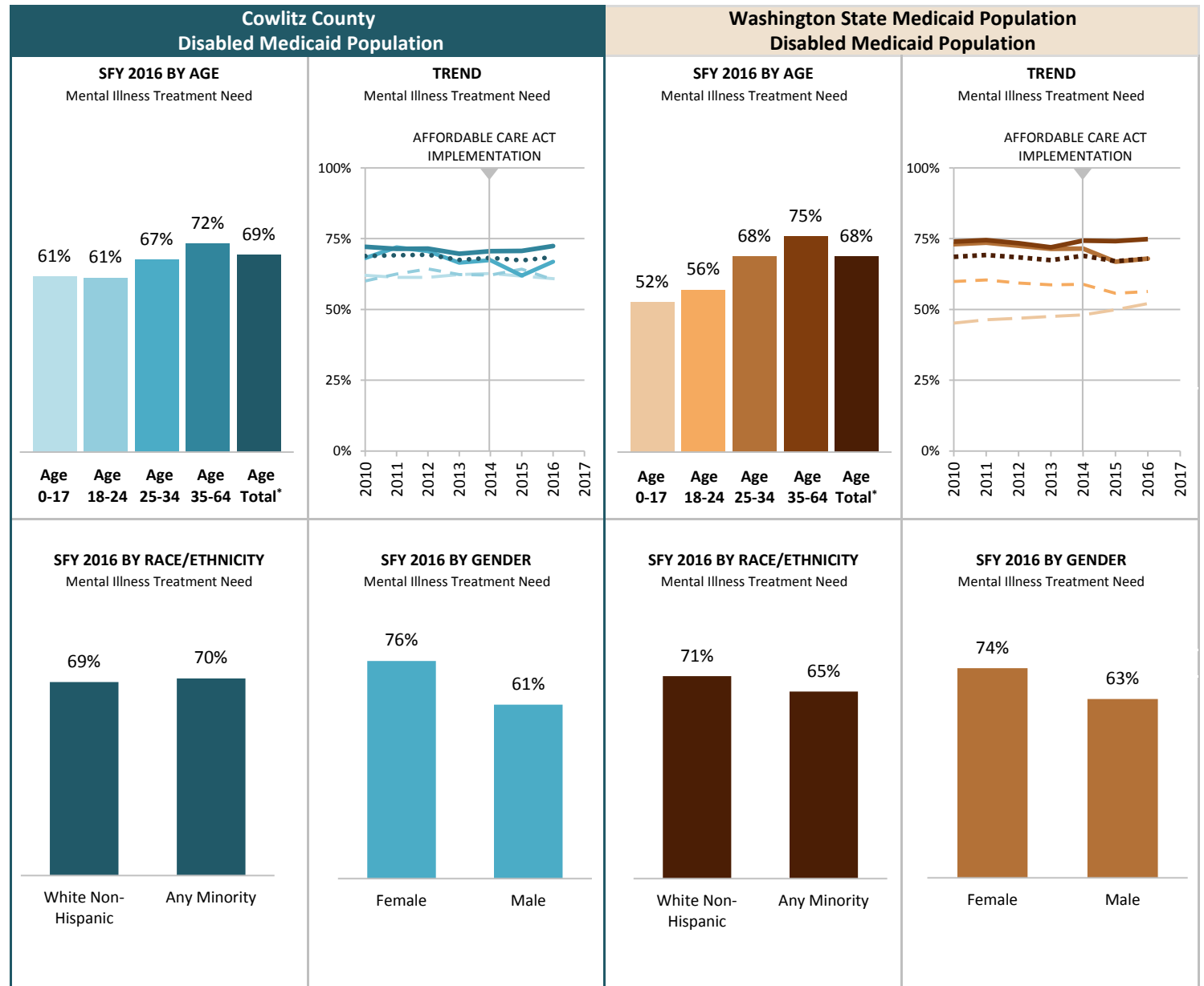
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/MI Tx Need</b>	<b>62.1%</b>	<b>61.3%</b>	<b>61.3%</b>	<b>62.4%</b>	<b>62.7%</b>	<b>61.8%</b>	<b>60.8%</b>		<b>45.1%</b>	<b>46.4%</b>	<b>46.9%</b>	<b>47.5%</b>	<b>48.1%</b>	<b>49.9%</b>	<b>52.1%</b>	
Persons w/MI Tx Need	311	320	323	343	368	356	345		7,574	8,025	8,442	8,813	8,896	9,186	9,806	
Total persons	501	522	527	550	587	576	567		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
<b>Age 18-24 w/MI Tx Need</b>	<b>60.1%</b>	<b>62.5%</b>	<b>64.3%</b>	<b>62.3%</b>	<b>62.2%</b>	<b>64.3%</b>	<b>60.5%</b>		<b>59.9%</b>	<b>60.4%</b>	<b>59.4%</b>	<b>58.7%</b>	<b>58.9%</b>	<b>55.7%</b>	<b>56.3%</b>	
Persons w/MI Tx Need	203	212	202	213	194	178	167		7,445	7,558	7,455	7,482	6,992	5,450	5,421	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/MI Tx Need</b>	<b>68.1%</b>	<b>72.0%</b>	<b>70.6%</b>	<b>66.5%</b>	<b>67.4%</b>	<b>62.0%</b>	<b>66.8%</b>		<b>73.0%</b>	<b>73.6%</b>	<b>72.5%</b>	<b>71.4%</b>	<b>71.5%</b>	<b>66.9%</b>	<b>67.9%</b>	
Persons w/MI Tx Need	288	321	326	315	308	246	264		12,368	12,873	13,297	13,823	13,168	9,120	9,250	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/MI Tx Need</b>	<b>72.1%</b>	<b>71.4%</b>	<b>71.5%</b>	<b>69.6%</b>	<b>70.6%</b>	<b>70.6%</b>	<b>72.4%</b>		<b>73.9%</b>	<b>74.5%</b>	<b>73.4%</b>	<b>72.0%</b>	<b>74.3%</b>	<b>74.1%</b>	<b>74.9%</b>	
Persons w/MI Tx Need	1,464	1,576	1,646	1,679	1,600	1,302	1,352		58,202	60,490	62,655	64,587	62,365	44,998	44,303	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>1</sup> w/MI Tx Need</b>	<b>68.8%</b>	<b>69.1%</b>	<b>69.3%</b>	<b>67.5%</b>	<b>68.2%</b>	<b>67.3%</b>	<b>68.5%</b>		<b>68.5%</b>	<b>69.2%</b>	<b>68.4%</b>	<b>67.4%</b>	<b>68.9%</b>	<b>67.1%</b>	<b>67.9%</b>	
Persons w/MI Tx Need	2,266	2,429	2,497	2,550	2,470	2,082	2,128		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/MI Tx Need</b>	<b>76.2%</b>	<b>80.3%</b>	<b>76.4%</b>	<b>73.9%</b>	<b>75.7%</b>	<b>74.7%</b>	<b>73.4%</b>		<b>74.7%</b>	<b>76.2%</b>	<b>75.0%</b>	<b>74.1%</b>	<b>75.2%</b>	<b>74.4%</b>	<b>74.3%</b>	
Persons w/MI Tx Need	311	358	386	435	436	336	325		9,456	9,902	10,080	10,362	9,972	7,743	7,510	
Total persons	408	446	505	589	576	450	443		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
<b>Asian w/MI Tx Need</b>	<b>70.0%</b>	<b>74.4%</b>	<b>69.2%</b>	<b>64.1%</b>	<b>60.0%</b>	<b>71.1%</b>	<b>55.6%</b>		<b>60.8%</b>	<b>62.0%</b>	<b>62.1%</b>	<b>61.0%</b>	<b>62.2%</b>	<b>62.1%</b>	<b>62.1%</b>	
Persons w/MI Tx Need	28	29	27	25	27	27	20		3,748	3,922	3,996	4,124	3,982	3,136	3,096	
Total persons	40	39	39	39	45	38	36		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
<b>Black w/MI Tx Need</b>	<b>68.8%</b>	<b>66.3%</b>	<b>68.9%</b>	<b>72.9%</b>	<b>73.0%</b>	<b>61.9%</b>	<b>68.0%</b>		<b>68.0%</b>	<b>69.0%</b>	<b>68.5%</b>	<b>67.8%</b>	<b>68.6%</b>	<b>66.1%</b>	<b>67.4%</b>	
Persons w/MI Tx Need	64	59	71	78	81	65	68		10,692	11,405	12,084	12,609	12,357	9,453	9,644	
Total persons	93	89	103	107	111	105	100		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
<b>Hawaiian/PI w/MI Tx Need</b>	<b>53.8%</b>	<b>72.7%</b>	<b>63.3%</b>	<b>63.6%</b>	<b>63.2%</b>	<b>72.2%</b>	<b>74.2%</b>		<b>57.4%</b>	<b>59.0%</b>	<b>59.1%</b>	<b>59.0%</b>	<b>59.5%</b>	<b>57.8%</b>	<b>60.0%</b>	
Persons w/MI Tx Need	14	16	19	21	24	26	23		1,536	1,715	1,794	1,935	1,928	1,507	1,564	
Total persons	26	22	30	33	38	36	31		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
<b>Hispanic w/MI Tx Need</b>	<b>58.8%</b>	<b>63.1%</b>	<b>61.4%</b>	<b>64.8%</b>	<b>67.5%</b>	<b>64.4%</b>	<b>62.5%</b>		<b>55.5%</b>	<b>57.0%</b>	<b>57.1%</b>	<b>56.8%</b>	<b>58.2%</b>	<b>56.4%</b>	<b>58.9%</b>	
Persons w/MI Tx Need	100	125	129	153	154	123	130		6,632	7,330	7,950	8,430	8,384	6,833	7,196	
Total persons	170	198	210	236	228	191	208		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
<b>White Only w/MI Tx Need</b>	<b>68.8%</b>	<b>68.6%</b>	<b>69.1%</b>	<b>67.2%</b>	<b>67.7%</b>	<b>67.1%</b>	<b>68.7%</b>		<b>71.3%</b>	<b>71.8%</b>	<b>70.9%</b>	<b>69.9%</b>	<b>71.6%</b>	<b>70.0%</b>	<b>70.7%</b>	
Persons w/MI Tx Need	100	125	129	153	154	123	130		55,989	57,443	58,839	60,416	58,016	42,681	42,349	
Total persons	2,607	2,760	2,774	2,841	2,685	2,320	2,346		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
<b>Any Minority w/MI Tx Need</b>	<b>70.7%</b>	<b>73.4%</b>	<b>71.2%</b>	<b>70.5%</b>	<b>72.1%</b>	<b>70.4%</b>	<b>69.9%</b>		<b>65%</b>	<b>66%</b>	<b>66%</b>	<b>65%</b>	<b>66%</b>	<b>64%</b>	<b>65%</b>	
Persons w/MI Tx Need	465	522	566	637	648	515	504		28,981	30,796	32,246	33,509	32,670	25,492	25,766	
Total persons	658	711	795	904	899	732	721		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
<b>Population by Gender</b>																
<b>Females w/MI Tx Need</b>	<b>73.5%</b>	<b>75.0%</b>	<b>74.2%</b>	<b>73.1%</b>	<b>74.5%</b>	<b>73.5%</b>	<b>76.1%</b>		<b>73.4%</b>	<b>74.0%</b>	<b>73.5%</b>	<b>72.8%</b>	<b>74.3%</b>	<b>72.9%</b>	<b>73.5%</b>	
Persons w/MI Tx Need	1,259	1,381	1,419	1,428	1,371	1,162	1,195		45,213	46,818	48,086	49,183	47,126	36,082	35,556	
Total persons	1,712	1,841	1,912	1,954	1,840	1,582	1,571		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
<b>Males w/MI Tx Need</b>	<b>63.7%</b>	<b>62.6%</b>	<b>63.7%</b>	<b>61.5%</b>	<b>61.7%</b>	<b>60.9%</b>	<b>60.8%</b>		<b>63.8%</b>	<b>64.6%</b>	<b>63.5%</b>	<b>62.5%</b>	<b>63.9%</b>	<b>61.6%</b>	<b>62.8%</b>	
Persons w/MI Tx Need	1,007	1,048	1,078	1,122	1,099	920	933		40,376	42,128	43,763	45,522	44,295	32,672	33,224	
Total persons	1,581	1,673	1,693	1,823	1,782	1,511	1,535		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

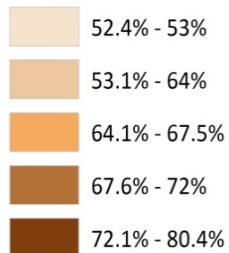
MARCH 2017

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.

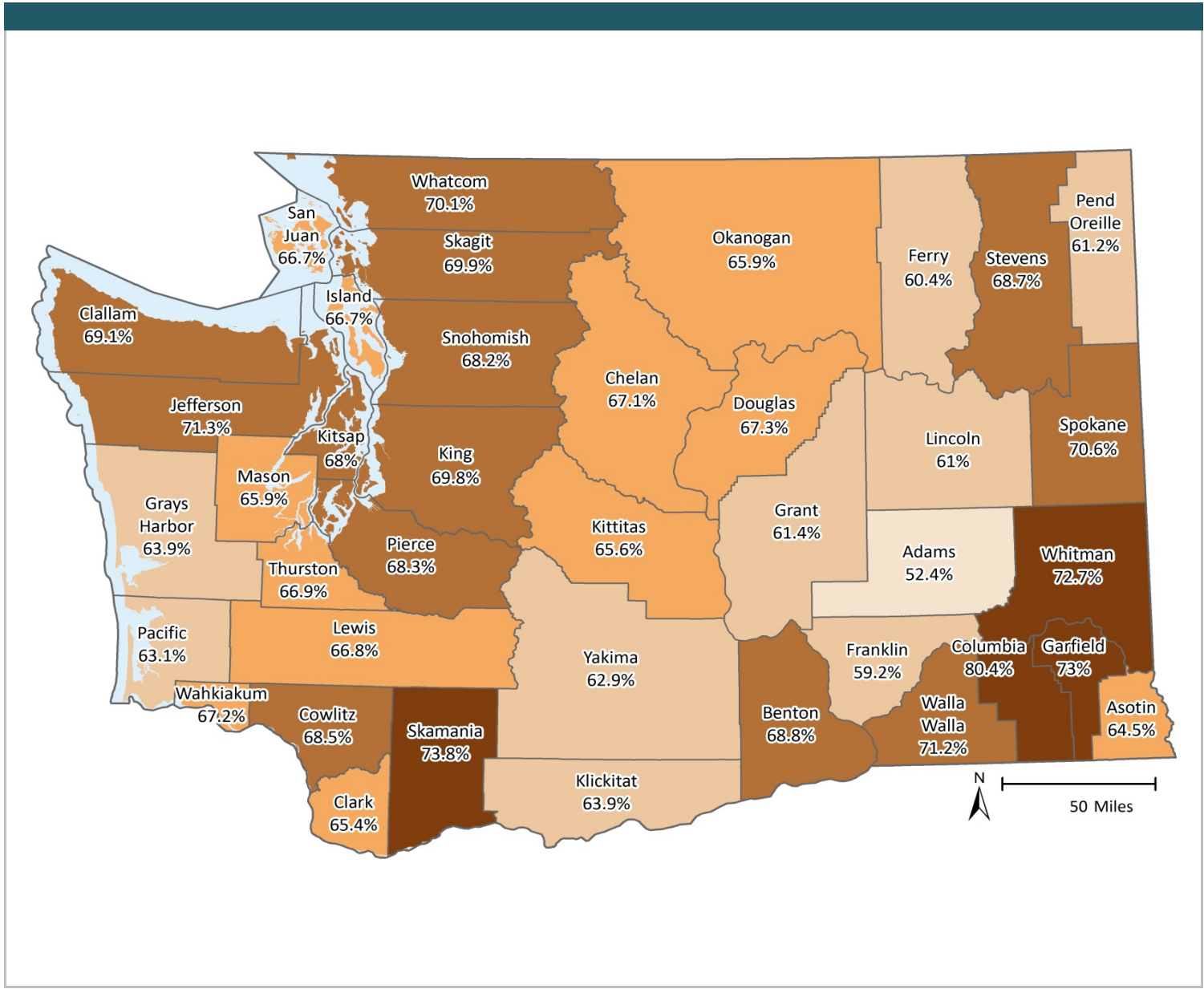
**Percent of Medicaid-Disabled Youth and Adults with Mental Illness Tx Need**



**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.





# Cowlitz County

## Behavioral Health Treatment Needs and Outcomes

### Mental Illness Treatment Need

**INDICATOR**

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

**COUNTY:**

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

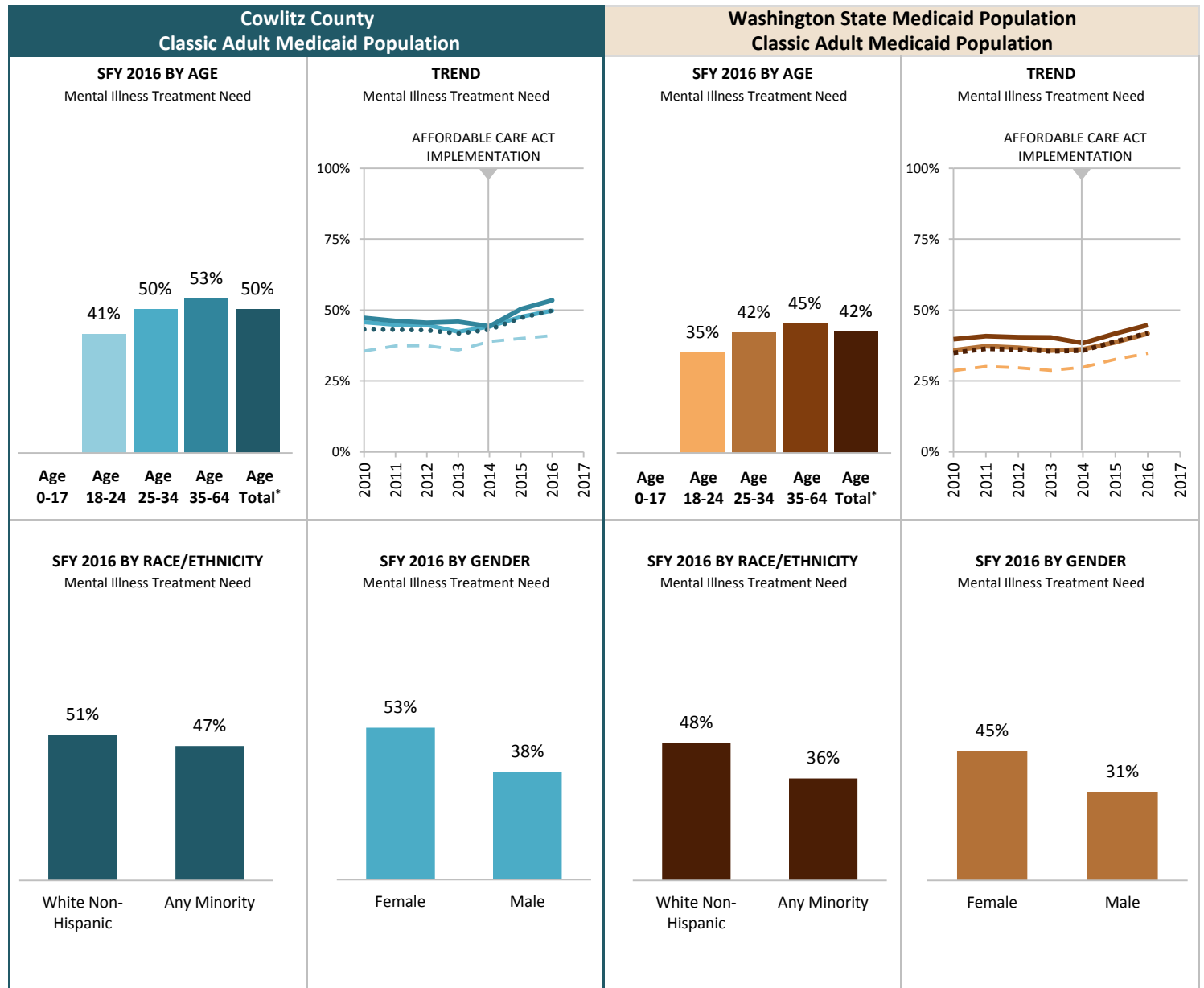
**STATE:**

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

**SOURCE & POPULATION**

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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/MI Tx Need</b>																
Persons w/MI Tx Need																
Total persons																
<b>Age 18-24 w/MI Tx Need</b>	<b>35.6%</b>	<b>37.4%</b>	<b>37.4%</b>	<b>35.9%</b>	<b>39.0%</b>	<b>40.0%</b>	<b>41.0%</b>		<b>28.7%</b>	<b>30.1%</b>	<b>29.7%</b>	<b>28.7%</b>	<b>29.8%</b>	<b>32.6%</b>	<b>34.7%</b>	
Persons w/MI Tx Need	530	554	531	474	423	356	307		15,375	16,033	14,930	13,440	12,554	11,331	10,376	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/MI Tx Need</b>	<b>45.8%</b>	<b>44.8%</b>	<b>44.7%</b>	<b>42.4%</b>	<b>44.2%</b>	<b>47.7%</b>	<b>49.8%</b>		<b>35.8%</b>	<b>37.3%</b>	<b>36.7%</b>	<b>35.8%</b>	<b>36.2%</b>	<b>38.7%</b>	<b>41.7%</b>	
Persons w/MI Tx Need	953	990	989	920	1,009	1,021	1,067		28,470	31,662	31,287	30,377	32,525	35,327	36,407	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/MI Tx Need</b>	<b>47.3%</b>	<b>46.2%</b>	<b>45.5%</b>	<b>45.9%</b>	<b>44.3%</b>	<b>50.4%</b>	<b>53.4%</b>		<b>39.8%</b>	<b>40.8%</b>	<b>40.5%</b>	<b>40.4%</b>	<b>38.3%</b>	<b>41.8%</b>	<b>44.7%</b>	
Persons w/MI Tx Need	678	702	688	680	776	915	985		21,490	23,840	24,285	24,437	29,616	36,246	38,210	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total<sup>1</sup> w/MI Tx Need</b>	<b>43.2%</b>	<b>43.1%</b>	<b>42.9%</b>	<b>41.7%</b>	<b>43.1%</b>	<b>47.3%</b>	<b>49.8%</b>		<b>34.9%</b>	<b>36.4%</b>	<b>36.1%</b>	<b>35.5%</b>	<b>35.7%</b>	<b>38.9%</b>	<b>41.9%</b>	
Persons w/MI Tx Need	2,161	2,246	2,208	2,074	2,208	2,292	2,359		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/MI Tx Need</b>	<b>55.3%</b>	<b>58.4%</b>	<b>61.5%</b>	<b>59.9%</b>	<b>58.6%</b>	<b>59.2%</b>	<b>57.7%</b>		<b>46.5%</b>	<b>47.5%</b>	<b>46.8%</b>	<b>46.0%</b>	<b>47.2%</b>	<b>50.5%</b>	<b>53.6%</b>	
Persons w/MI Tx Need	263	281	281	282	276	242	232		7,306	7,620	7,435	7,139	7,323	7,455	7,387	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/MI Tx Need</b>	<b>36.0%</b>	<b>35.7%</b>	<b>29.5%</b>	<b>36.9%</b>	<b>38.0%</b>	<b>39.8%</b>	<b>44.6%</b>		<b>22.5%</b>	<b>22.9%</b>	<b>23.7%</b>	<b>23.4%</b>	<b>21.8%</b>	<b>24.1%</b>	<b>26.6%</b>	
Persons w/MI Tx Need	40	35	31	38	41	43	41		2,012	2,256	2,464	2,448	2,794	3,336	3,539	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/MI Tx Need</b>	<b>50.0%</b>	<b>48.3%</b>	<b>41.5%</b>	<b>43.2%</b>	<b>48.2%</b>	<b>50.0%</b>	<b>50.0%</b>		<b>31.3%</b>	<b>33.3%</b>	<b>32.6%</b>	<b>31.5%</b>	<b>32.7%</b>	<b>35.4%</b>	<b>38.0%</b>	
Persons w/MI Tx Need	55	57	54	54	68	65	70		6,407	7,327	7,285	7,088	7,623	7,997	8,081	
Total persons	110	118	130	125	141	130	140		20,472	22,019	22,359	22,509	23,300	26,028	21,247	
<b>Hawaiian/PI w/MI Tx Need</b>	<b>29.3%</b>	<b>32.2%</b>	<b>39.6%</b>	<b>36.0%</b>	<b>31.9%</b>	<b>21.8%</b>	<b>27.5%</b>		<b>21.3%</b>	<b>22.5%</b>	<b>22.2%</b>	<b>21.6%</b>	<b>21.9%</b>	<b>24.2%</b>	<b>26.4%</b>	
Persons w/MI Tx Need	17	19	19	18	22	17	25		1,406	1,619	1,703	1,734	2,028	2,430	2,552	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/MI Tx Need</b>	<b>35.5%</b>	<b>35.1%</b>	<b>33.8%</b>	<b>33.3%</b>	<b>38.4%</b>	<b>40.5%</b>	<b>41.7%</b>		<b>28.4%</b>	<b>29.5%</b>	<b>29.6%</b>	<b>28.9%</b>	<b>28.7%</b>	<b>32.5%</b>	<b>35.0%</b>	
Persons w/MI Tx Need	137	155	150	152	188	184	187		7,938	8,918	9,178	8,972	10,522	12,537	12,907	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/MI Tx Need</b>	<b>43.5%</b>	<b>43.1%</b>	<b>43.2%</b>	<b>41.3%</b>	<b>42.5%</b>	<b>47.8%</b>	<b>51.0%</b>		<b>38.8%</b>	<b>40.6%</b>	<b>40.3%</b>	<b>39.9%</b>	<b>40.6%</b>	<b>44.4%</b>	<b>47.9%</b>	
Persons w/MI Tx Need	137	155	150	152	188	184	187		42,400	46,084	45,054	43,542	47,321	52,141	53,278	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/MI Tx Need</b>	<b>44.5%</b>	<b>45.8%</b>	<b>44.8%</b>	<b>45.0%</b>	<b>46.0%</b>	<b>46.6%</b>	<b>47.2%</b>		<b>31%</b>	<b>32%</b>	<b>32%</b>	<b>31%</b>	<b>30%</b>	<b>33%</b>	<b>36%</b>	
Persons w/MI Tx Need	453	489	475	477	518	487	493		22,085	24,464	24,585	23,928	26,494	29,661	30,248	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/MI Tx Need</b>	<b>47.8%</b>	<b>47.9%</b>	<b>47.9%</b>	<b>46.8%</b>	<b>48.4%</b>	<b>51.4%</b>	<b>53.2%</b>		<b>38.0%</b>	<b>39.7%</b>	<b>39.3%</b>	<b>38.6%</b>	<b>39.1%</b>	<b>42.2%</b>	<b>45.0%</b>	
Persons w/MI Tx Need	1,779	1,815	1,824	1,718	1,849	1,921	1,971		55,194	59,991	59,188	57,534	62,765	69,738	71,499	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/MI Tx Need</b>	<b>29.7%</b>	<b>30.4%</b>	<b>28.8%</b>	<b>27.3%</b>	<b>27.6%</b>	<b>33.5%</b>	<b>37.8%</b>		<b>24.1%</b>	<b>25.4%</b>	<b>25.2%</b>	<b>24.8%</b>	<b>24.5%</b>	<b>27.7%</b>	<b>30.9%</b>	
Persons w/MI Tx Need	382	431	384	356	359	371	388		10,141	11,544	11,314	10,720	11,930	13,166	13,494	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		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

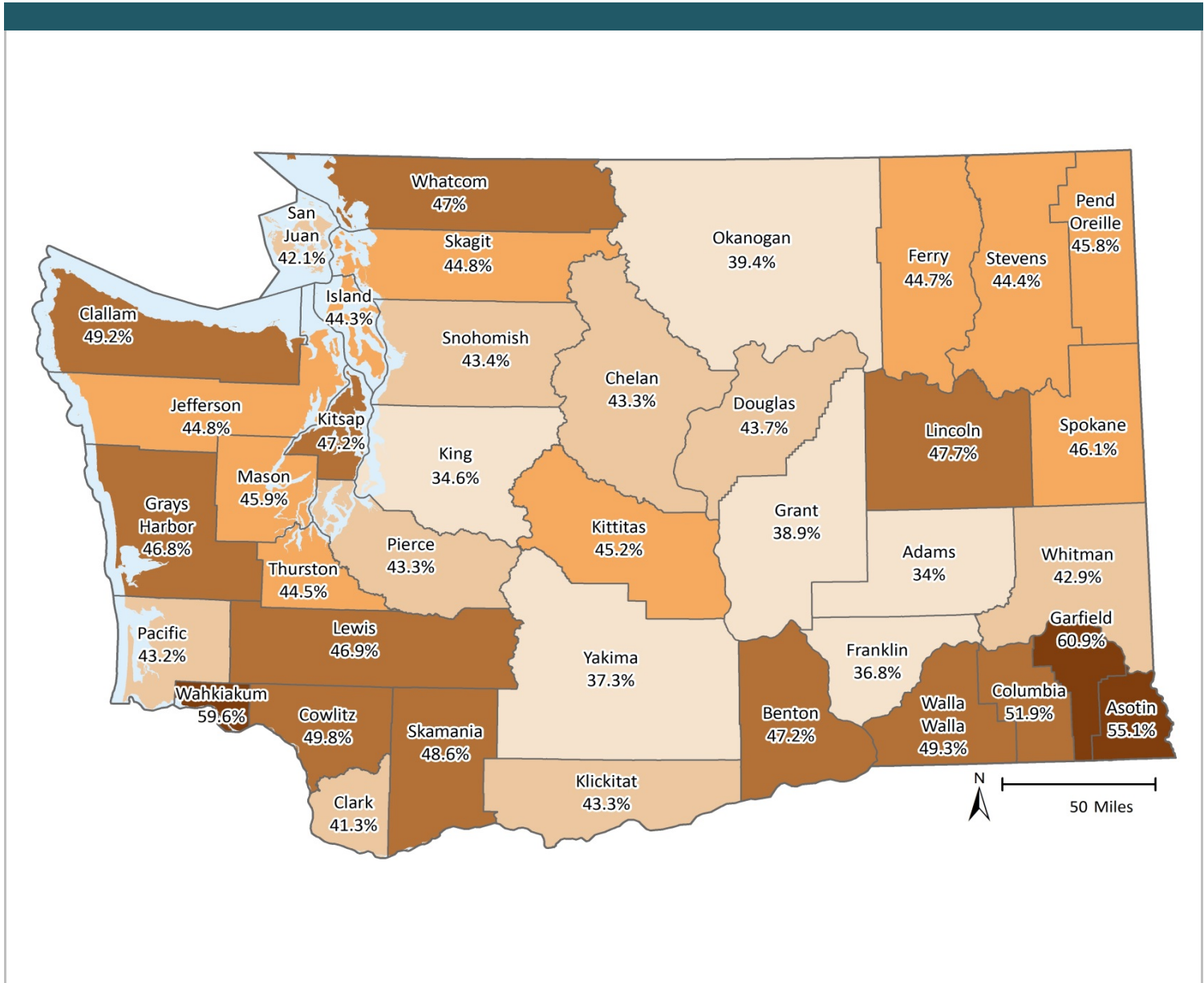
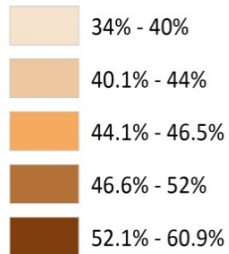
MARCH 2017

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\*

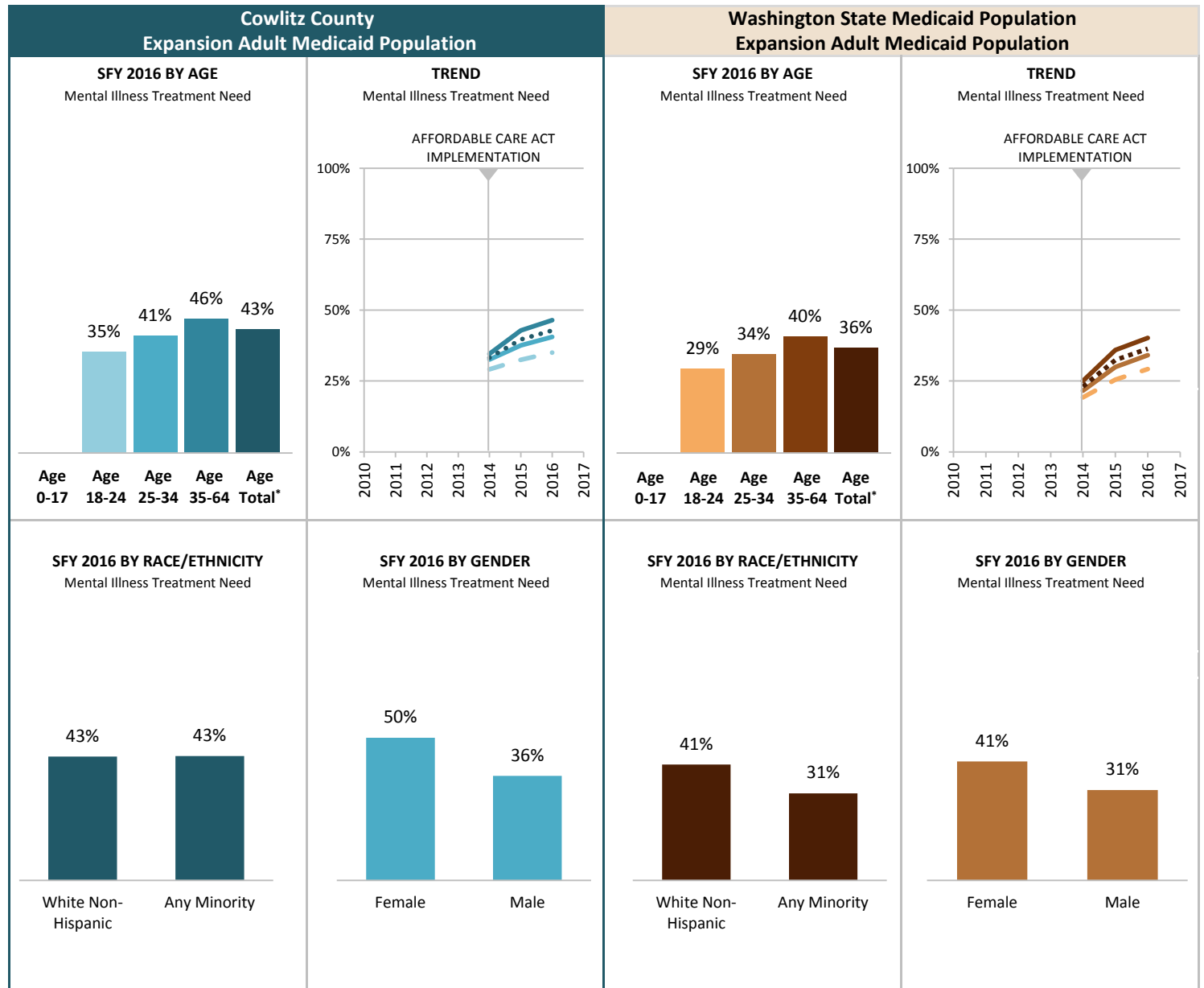
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/MI Tx Need</b>																
Persons w/MI Tx Need																
Total persons																
<b>Age 18-24 w/MI Tx Need</b>					<b>29.2%</b>	<b>32.5%</b>	<b>35.1%</b>						<b>19.3%</b>	<b>25.5%</b>	<b>29.2%</b>	
Persons w/MI Tx Need					293	627	800						11,523	26,376	35,007	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/MI Tx Need</b>					<b>32.5%</b>	<b>37.6%</b>	<b>40.5%</b>						<b>21.6%</b>	<b>30.0%</b>	<b>34.1%</b>	
Persons w/MI Tx Need					552	1,151	1,546						22,106	53,137	69,766	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/MI Tx Need</b>					<b>34.6%</b>	<b>42.8%</b>	<b>46.5%</b>						<b>25.0%</b>	<b>35.9%</b>	<b>40.2%</b>	
Persons w/MI Tx Need					1,316	2,698	3,313						49,579	113,856	138,768	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>1</sup> w/MI Tx Need</b>					<b>33.2%</b>	<b>39.6%</b>	<b>42.8%</b>						<b>23.1%</b>	<b>32.3%</b>	<b>36.4%</b>	
Persons w/MI Tx Need					2,161	4,476	5,659						83,208	193,369	243,541	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/MI Tx Need</b>					<b>54.3%</b>	<b>58.6%</b>	<b>58.7%</b>						<b>35.5%</b>	<b>44.7%</b>	<b>47.3%</b>	
Persons w/MI Tx Need					357	646	696						5,962	13,594	16,692	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/MI Tx Need</b>					<b>20.1%</b>	<b>25.2%</b>	<b>26.5%</b>						<b>11.1%</b>	<b>18.2%</b>	<b>21.8%</b>	
Persons w/MI Tx Need					32	60	76						3,650	8,823	11,294	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/MI Tx Need</b>					<b>37.1%</b>	<b>41.3%</b>	<b>41.5%</b>						<b>19.4%</b>	<b>29.9%</b>	<b>33.2%</b>	
Persons w/MI Tx Need					49	109	132						5,495	14,676	18,660	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/MI Tx Need</b>					<b>34.6%</b>	<b>30.2%</b>	<b>28.9%</b>						<b>14.2%</b>	<b>21.2%</b>	<b>24.5%</b>	
Persons w/MI Tx Need					27	45	56						1,627	4,325	5,743	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/MI Tx Need</b>					<b>20.0%</b>	<b>29.9%</b>	<b>35.7%</b>						<b>17.3%</b>	<b>26.0%</b>	<b>30.3%</b>	
Persons w/MI Tx Need					101	273	409						9,053	22,001	29,358	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/MI Tx Need</b>					<b>32.8%</b>	<b>39.4%</b>	<b>43.2%</b>						<b>26.9%</b>	<b>36.5%</b>	<b>40.7%</b>	
Persons w/MI Tx Need					101	273	409						58,254	131,865	163,838	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/MI Tx Need</b>					<b>36.2%</b>	<b>42.3%</b>	<b>43.4%</b>						<b>18%</b>	<b>27%</b>	<b>31%</b>	
Persons w/MI Tx Need					512	1,029	1,228						23,326	57,043	73,298	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/MI Tx Need</b>					<b>36.4%</b>	<b>45.2%</b>	<b>49.7%</b>						<b>26.5%</b>	<b>36.8%</b>	<b>41.4%</b>	
Persons w/MI Tx Need					1,168	2,449	3,144						47,466	107,650	135,980	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/MI Tx Need</b>					<b>30.1%</b>	<b>34.5%</b>	<b>36.4%</b>						<b>19.7%</b>	<b>28.1%</b>	<b>31.5%</b>	
Persons w/MI Tx Need					993	2,027	2,515						35,742	85,719	107,561	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

# Mental Illness Treatment Need Rates

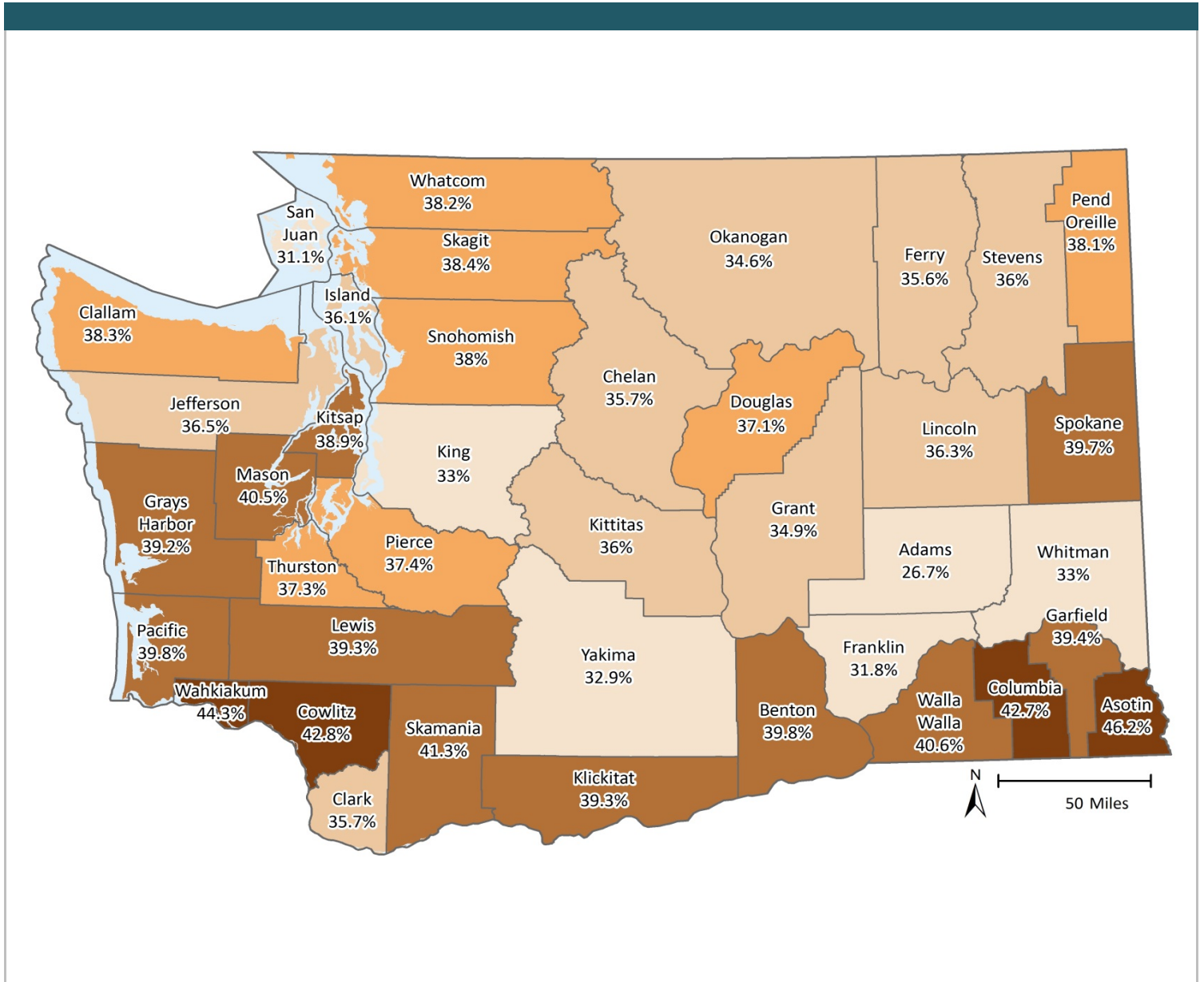
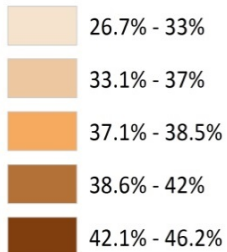
## Among Medicaid-Expansion Adults, by County

**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\*

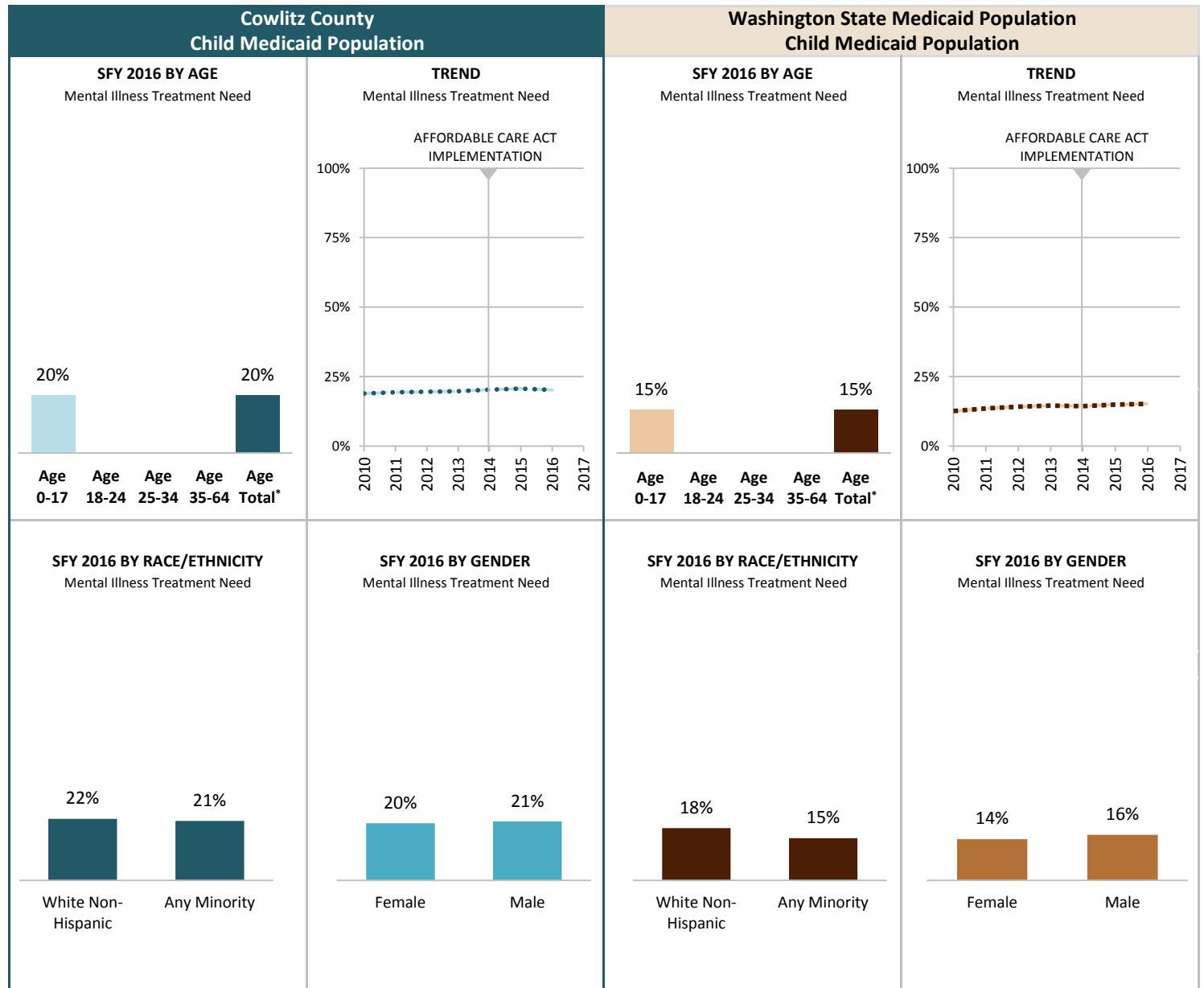
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/MI Tx Need</b>	<b>18.9%</b>	<b>19.4%</b>	<b>19.6%</b>	<b>19.7%</b>	<b>20.3%</b>	<b>20.7%</b>	<b>20.2%</b>		<b>12.6%</b>	<b>13.6%</b>	<b>14.2%</b>	<b>14.5%</b>	<b>14.4%</b>	<b>14.9%</b>	<b>15.2%</b>	
Persons w/MI Tx Need	2,427	2,585	2,623	2,610	2,747	2,866	2,991		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Age 18-24 w/MI Tx Need</b>																
Persons w/MI Tx Need																
Total persons																
<b>Age 25-34 w/MI Tx Need</b>																
Persons w/MI Tx Need																
Total persons																
<b>Age 35-64 w/MI Tx Need</b>																
Persons w/MI Tx Need																
Total persons																
<b>Age Total<sup>1</sup> w/MI Tx Need</b>	<b>18.9%</b>	<b>19.4%</b>	<b>19.6%</b>	<b>19.7%</b>	<b>20.3%</b>	<b>20.7%</b>	<b>20.2%</b>		<b>12.6%</b>	<b>13.6%</b>	<b>14.2%</b>	<b>14.5%</b>	<b>14.4%</b>	<b>14.9%</b>	<b>15.2%</b>	
Persons w/MI Tx Need	2,427	2,585	2,623	2,610	2,747	2,866	2,991		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/MI Tx Need</b>	<b>35.3%</b>	<b>34.6%</b>	<b>33.0%</b>	<b>34.7%</b>	<b>36.0%</b>	<b>34.8%</b>	<b>34.8%</b>		<b>25.0%</b>	<b>25.5%</b>	<b>26.1%</b>	<b>26.6%</b>	<b>26.6%</b>	<b>27.0%</b>	<b>27.2%</b>	
Persons w/MI Tx Need	363	350	320	325	329	302	294		10,124	10,518	10,803	11,016	10,988	11,075	11,107	
Total persons	1,029	1,013	969	937	914	867	844		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
<b>Asian w/MI Tx Need</b>	<b>16.6%</b>	<b>18.6%</b>	<b>20.3%</b>	<b>16.2%</b>	<b>14.6%</b>	<b>12.7%</b>	<b>14.2%</b>		<b>8.2%</b>	<b>9.2%</b>	<b>10.1%</b>	<b>10.5%</b>	<b>10.4%</b>	<b>11.0%</b>	<b>11.4%</b>	
Persons w/MI Tx Need	45	52	56	46	45	38	43		2,945	3,535	4,027	4,280	4,588	5,018	5,242	
Total persons	271	280	276	284	308	300	302		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
<b>Black w/MI Tx Need</b>	<b>26.8%</b>	<b>27.0%</b>	<b>29.5%</b>	<b>27.7%</b>	<b>27.6%</b>	<b>27.0%</b>	<b>25.6%</b>		<b>15.2%</b>	<b>16.5%</b>	<b>16.9%</b>	<b>17.1%</b>	<b>17.1%</b>	<b>17.6%</b>	<b>17.7%</b>	
Persons w/MI Tx Need	114	123	135	126	140	138	143		9,732	10,966	11,601	11,996	12,406	12,998	13,410	
Total persons	426	456	458	455	507	511	558		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
<b>Hawaiian/PI w/MI Tx Need</b>	<b>15.0%</b>	<b>18.3%</b>	<b>20.3%</b>	<b>19.4%</b>	<b>21.1%</b>	<b>20.0%</b>	<b>16.5%</b>		<b>8.5%</b>	<b>9.4%</b>	<b>10.3%</b>	<b>10.7%</b>	<b>10.9%</b>	<b>11.2%</b>	<b>11.1%</b>	
Persons w/MI Tx Need	31	44	47	46	55	55	55		2,047	2,482	2,869	3,122	3,356	3,641	3,824	
Total persons	206	240	232	237	261	275	333		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
<b>Hispanic w/MI Tx Need</b>	<b>14.3%</b>	<b>14.7%</b>	<b>15.2%</b>	<b>15.7%</b>	<b>16.6%</b>	<b>17.8%</b>	<b>18.0%</b>		<b>9.3%</b>	<b>10.7%</b>	<b>11.7%</b>	<b>12.2%</b>	<b>12.4%</b>	<b>13.2%</b>	<b>13.7%</b>	
Persons w/MI Tx Need	379	412	439	458	490	543	574		17,602	21,231	23,874	25,391	26,865	29,350	31,475	
Total persons	2,648	2,811	2,893	2,918	2,954	3,050	3,190		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
<b>White Only w/MI Tx Need</b>	<b>19.8%</b>	<b>20.7%</b>	<b>21.0%</b>	<b>20.9%</b>	<b>21.5%</b>	<b>22.1%</b>	<b>21.5%</b>		<b>15.6%</b>	<b>16.5%</b>	<b>17.0%</b>	<b>17.4%</b>	<b>17.1%</b>	<b>17.7%</b>	<b>18.3%</b>	
Persons w/MI Tx Need	379	412	439	458	490	543	574		41,012	45,050	46,938	48,308	50,093	53,199	56,192	
Total persons	8,057	8,250	8,278	8,181	8,339	8,523	9,035		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
<b>Any Minority w/MI Tx Need</b>	<b>19.6%</b>	<b>19.6%</b>	<b>19.8%</b>	<b>20.2%</b>	<b>20.6%</b>	<b>20.9%</b>	<b>20.9%</b>		<b>11%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	
Persons w/MI Tx Need	812	853	869	884	927	953	998		36,497	41,975	45,769	47,952	49,979	53,474	56,412	
Total persons	4,153	4,346	4,385	4,386	4,492	4,559	4,777		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
<b>Population by Gender</b>																
<b>Females w/MI Tx Need</b>	<b>17.0%</b>	<b>17.7%</b>	<b>17.5%</b>	<b>18.0%</b>	<b>19.5%</b>	<b>20.5%</b>	<b>19.9%</b>		<b>11.4%</b>	<b>12.3%</b>	<b>12.8%</b>	<b>13.3%</b>	<b>13.3%</b>	<b>14.0%</b>	<b>14.4%</b>	
Persons w/MI Tx Need	1,092	1,189	1,174	1,209	1,323	1,410	1,458		35,149	39,693	42,300	44,175	46,483	50,562	54,303	
Total persons	6,419	6,723	6,724	6,734	6,781	6,863	7,321		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
<b>Males w/MI Tx Need</b>	<b>20.8%</b>	<b>21.1%</b>	<b>21.8%</b>	<b>21.6%</b>	<b>21.1%</b>	<b>20.8%</b>	<b>20.5%</b>		<b>13.8%</b>	<b>14.8%</b>	<b>15.5%</b>	<b>15.8%</b>	<b>15.5%</b>	<b>15.8%</b>	<b>15.9%</b>	
Persons w/MI Tx Need	1,335	1,396	1,449	1,401	1,424	1,456	1,533		43,448	49,025	52,319	54,039	55,738	58,681	61,752	
Total persons	6,408	6,602	6,658	6,494	6,749	6,989	7,461		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

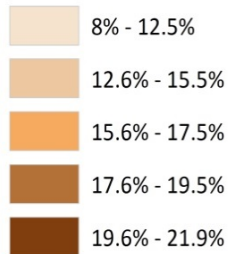
# Mental Illness Treatment Need Rates Among Medicaid-Children, by County

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.

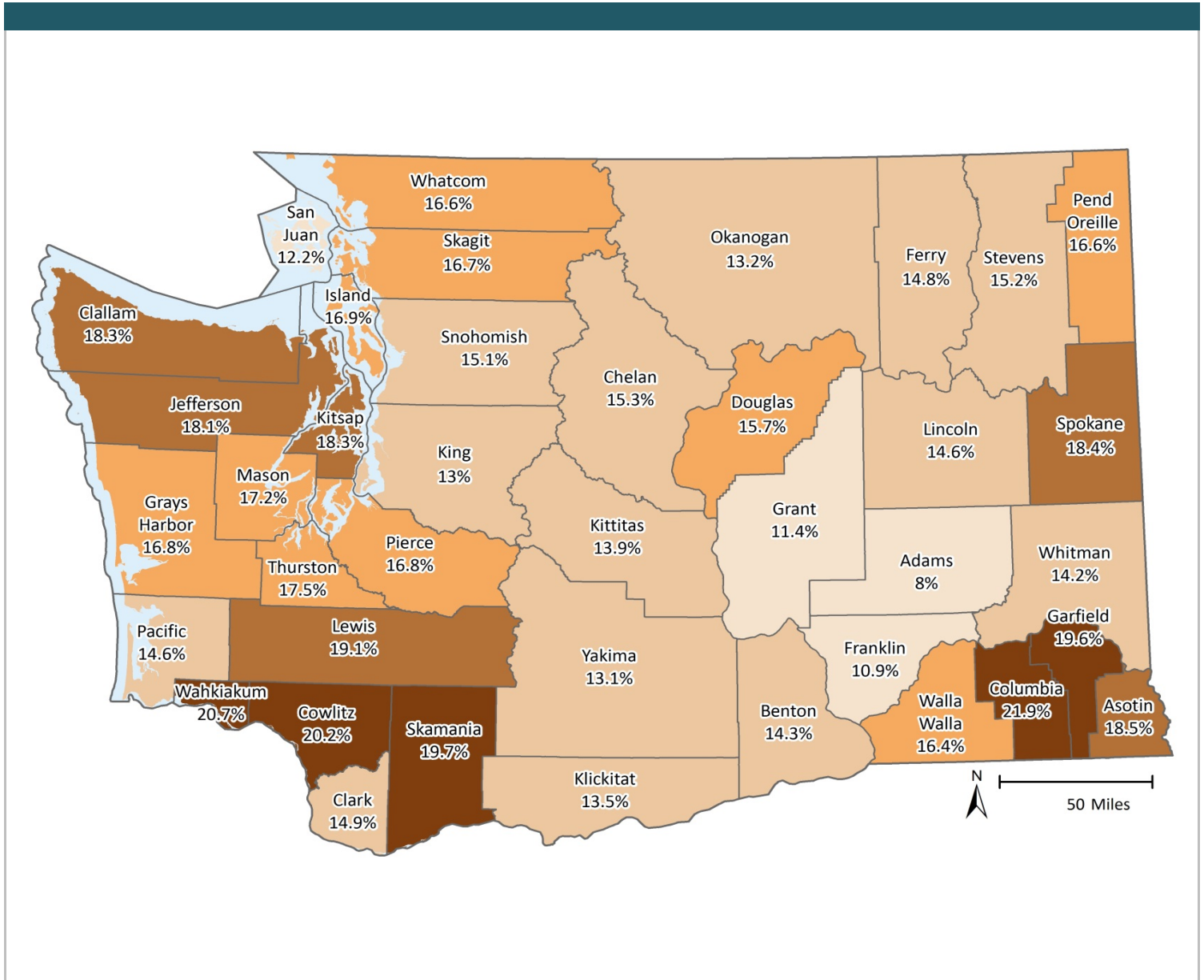
**Percent of Medicaid-Children with Mental Illness Tx Need**



**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	Cowlitz County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Medicaid-Disabled</b>	<b>24.7%</b>	<b>27.4%</b>	<b>28.0%</b>	<b>27.5%</b>	<b>27.5%</b>	<b>27.6%</b>	<b>29.7%</b>		<b>28.4%</b>	<b>29.8%</b>	<b>30.4%</b>	<b>31.0%</b>	<b>31.8%</b>	<b>29.4%</b>	<b>30.3%</b>	
Persons w/SUD Tx Need	742	879	924	953	909	769	828		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Medicaid-Classic Adults</b>	<b>18.7%</b>	<b>18.2%</b>	<b>17.7%</b>	<b>18.9%</b>	<b>18.7%</b>	<b>19.0%</b>	<b>21.4%</b>		<b>15.0%</b>	<b>15.0%</b>	<b>15.1%</b>	<b>15.4%</b>	<b>14.7%</b>	<b>14.7%</b>	<b>15.9%</b>	
Persons w/SUD Tx Need	937	948	911	938	957	923	1,013		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>18.4%</b>	<b>22.8%</b>	<b>24.1%</b>						<b>12.3%</b>	<b>16.4%</b>	<b>17.6%</b>	
Persons w/SUD Tx Need					1,198	2,574	3,184						44,496	98,286	117,882	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>5.7%</b>	<b>5.0%</b>	<b>6.0%</b>	<b>6.1%</b>	<b>6.2%</b>	<b>5.8%</b>	<b>4.8%</b>		<b>4.9%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>4.7%</b>	<b>4.6%</b>	<b>4.2%</b>	
Persons w/SUD Tx Need	197	183	219	218	232	223	200		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		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\*

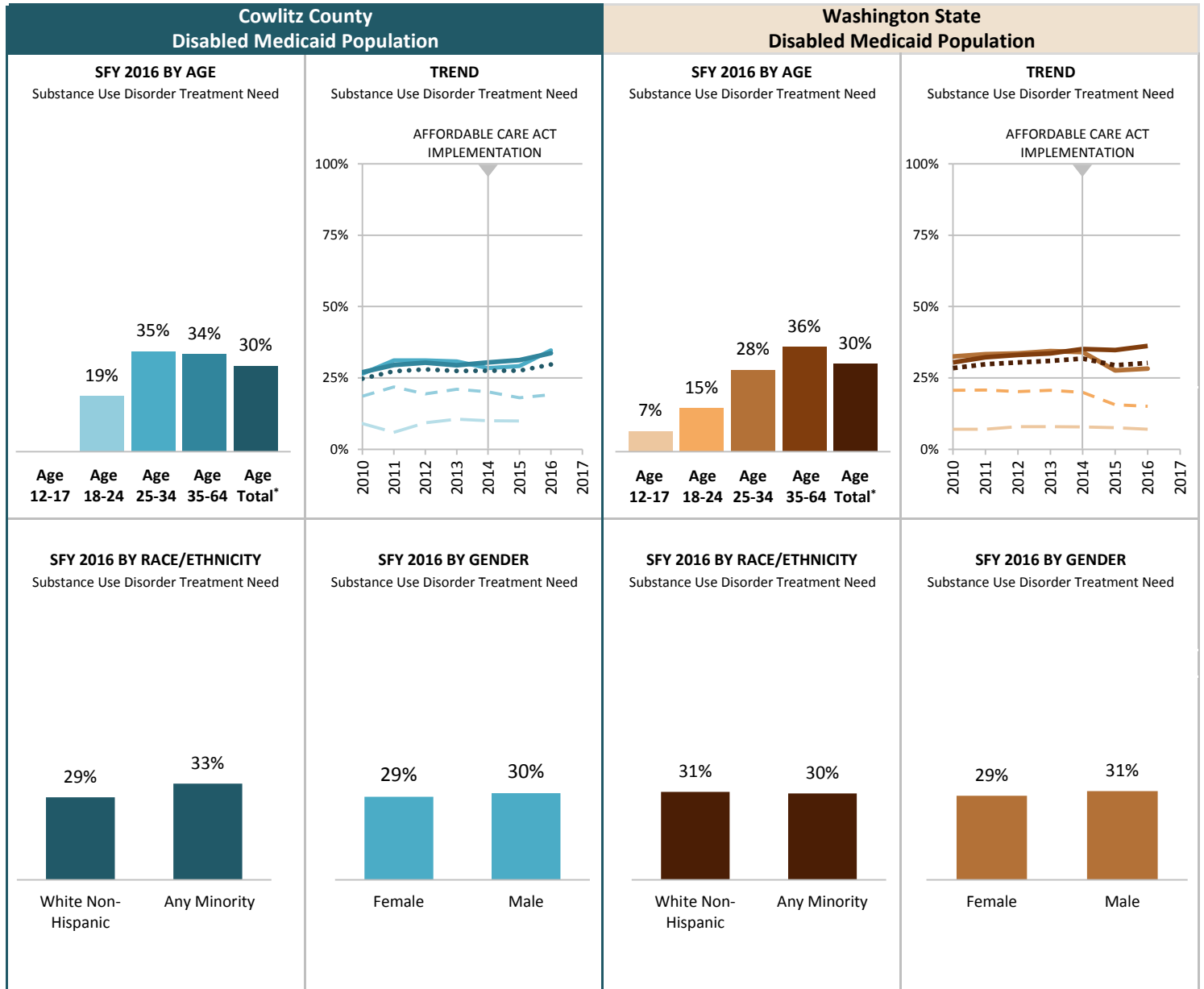
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/SUD Tx Need</b>	<b>9.1%</b>	<b>6.0%</b>	<b>9.3%</b>	<b>10.5%</b>	<b>10.1%</b>	<b>9.9%</b>			<b>7.0%</b>	<b>7.1%</b>	<b>7.9%</b>	<b>8.0%</b>	<b>7.9%</b>	<b>7.6%</b>	<b>7.1%</b>	
Persons w/SUD Tx Need	19	13	21	25	27	27			447	466	550	579	582	565	553	
Total persons	209	218	226	237	268	272	247		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
<b>Age 18-24 w/SUD Tx Need</b>	<b>18.6%</b>	<b>21.8%</b>	<b>19.4%</b>	<b>21.1%</b>	<b>20.2%</b>	<b>18.1%</b>	<b>19.2%</b>		<b>20.7%</b>	<b>20.8%</b>	<b>20.3%</b>	<b>20.7%</b>	<b>20.0%</b>	<b>15.6%</b>	<b>15.1%</b>	
Persons w/SUD Tx Need	63	74	61	72	63	50	53		2,577	2,606	2,546	2,636	2,374	1,529	1,454	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/SUD Tx Need</b>	<b>26.5%</b>	<b>31.2%</b>	<b>31.2%</b>	<b>30.8%</b>	<b>28.4%</b>	<b>29.2%</b>	<b>34.7%</b>		<b>32.5%</b>	<b>33.3%</b>	<b>33.6%</b>	<b>34.4%</b>	<b>34.1%</b>	<b>27.6%</b>	<b>28.3%</b>	
Persons w/SUD Tx Need	112	139	144	146	130	116	137		5,513	5,825	6,171	6,661	6,273	3,767	3,852	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/SUD Tx Need</b>	<b>27.0%</b>	<b>29.6%</b>	<b>30.3%</b>	<b>29.4%</b>	<b>30.4%</b>	<b>31.3%</b>	<b>33.7%</b>		<b>30.5%</b>	<b>32.2%</b>	<b>33.1%</b>	<b>33.6%</b>	<b>35.1%</b>	<b>34.8%</b>	<b>36.3%</b>	
Persons w/SUD Tx Need	548	653	698	710	689	576	629		23,995	26,177	28,237	30,127	29,479	21,092	21,461	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>1</sup> w/SUD Tx Need</b>	<b>24.7%</b>	<b>27.4%</b>	<b>28.0%</b>	<b>27.5%</b>	<b>27.5%</b>	<b>27.6%</b>	<b>29.7%</b>		<b>28.4%</b>	<b>29.8%</b>	<b>30.4%</b>	<b>31.0%</b>	<b>31.8%</b>	<b>29.4%</b>	<b>30.3%</b>	
Persons w/SUD Tx need	742	879	924	953	909	769	828		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/SUD Tx Need</b>	<b>30.8%</b>	<b>37.6%</b>	<b>34.9%</b>	<b>33.9%</b>	<b>34.0%</b>	<b>35.2%</b>	<b>37.1%</b>		<b>41.5%</b>	<b>42.8%</b>	<b>42.7%</b>	<b>43.3%</b>	<b>44.1%</b>	<b>42.3%</b>	<b>42.8%</b>	
Persons w/SUD Tx Need	113	149	160	184	181	143	147		4,848	5,139	5,311	5,601	5,404	4,018	3,962	
Total persons	367	396	459	543	532	406	396		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
<b>Asian w/SUD Tx Need</b>									<b>14.8%</b>	<b>16.0%</b>	<b>16.8%</b>	<b>17.8%</b>	<b>17.9%</b>	<b>15.4%</b>	<b>16.6%</b>	
Persons w/SUD Tx Need									855	943	1,006	1,123	1,065	705	740	
Total persons	39	38	37	39	42	32	31		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
<b>Black w/SUD Tx Need</b>	<b>32.1%</b>	<b>34.7%</b>	<b>34.0%</b>	<b>39.6%</b>	<b>36.1%</b>	<b>27.7%</b>	<b>37.5%</b>		<b>35.4%</b>	<b>36.4%</b>	<b>36.6%</b>	<b>37.0%</b>	<b>36.8%</b>	<b>33.8%</b>	<b>34.0%</b>	
Persons w/SUD Tx Need	26	26	32	38	35	23	30		4,970	5,357	5,767	6,166	5,916	4,174	4,197	
Total persons	81	75	94	96	97	83	80		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
<b>Hawaiian/PI w/SUD Tx Need</b>									<b>21.3%</b>	<b>22.3%</b>	<b>23.1%</b>	<b>23.1%</b>	<b>22.5%</b>	<b>18.3%</b>	<b>21.2%</b>	
Persons w/SUD Tx Need									494	561	605	653	617	383	445	
Total persons	19	16	21	21	26	27	24		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
<b>Hispanic w/SUD Tx Need</b>	<b>20.8%</b>	<b>25.9%</b>	<b>23.0%</b>	<b>21.4%</b>	<b>19.6%</b>	<b>24.1%</b>	<b>26.8%</b>		<b>23.3%</b>	<b>24.8%</b>	<b>25.3%</b>	<b>24.9%</b>	<b>25.2%</b>	<b>21.5%</b>	<b>23.2%</b>	
Persons w/SUD Tx Need	25	36	34	37	33	34	41		2,097	2,414	2,696	2,854	2,778	1,878	2,067	
Total persons	120	139	148	173	168	141	153		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
<b>White Only w/SUD Tx Need</b>	<b>24.1%</b>	<b>26.4%</b>	<b>27.4%</b>	<b>26.5%</b>	<b>26.5%</b>	<b>26.8%</b>	<b>28.8%</b>		<b>27.7%</b>	<b>29.2%</b>	<b>30.1%</b>	<b>30.8%</b>	<b>32.0%</b>	<b>29.8%</b>	<b>30.8%</b>	
Persons w/SUD Tx Need	582	678	708	702	659	573	617		20,527	22,085	23,588	25,164	24,481	16,906	17,110	
Total persons	2,415	2,571	2,586	2,647	2,486	2,137	2,144		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
<b>Any Minority w/SUD Tx Need</b>	<b>28.1%</b>	<b>33.1%</b>	<b>31.2%</b>	<b>31.5%</b>	<b>31.6%</b>	<b>31.1%</b>	<b>33.5%</b>		<b>31%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>30%</b>	<b>30%</b>	
Persons w/SUD Tx Need	159	199	214	249	248	194	206		11,918	12,864	13,735	14,653	14,057	9,923	10,076	
Total persons	565	602	685	790	785	624	615		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
<b>Population by Gender</b>																
<b>Females w/SUD Tx Need</b>	<b>22.2%</b>	<b>25.7%</b>	<b>27.0%</b>	<b>25.7%</b>	<b>25.2%</b>	<b>27.0%</b>	<b>29.1%</b>		<b>24.4%</b>	<b>25.7%</b>	<b>26.6%</b>	<b>27.2%</b>	<b>28.4%</b>	<b>28.1%</b>	<b>29.5%</b>	
Persons w/SUD Tx Need	360	447	488	476	440	401	429		14,101	15,233	16,342	17,286	16,918	12,802	13,119	
Total persons	1,623	1,742	1,809	1,851	1,743	1,484	1,473		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
<b>Males w/SUD Tx Need</b>	<b>27.7%</b>	<b>29.4%</b>	<b>29.2%</b>	<b>29.6%</b>	<b>30.1%</b>	<b>28.2%</b>	<b>30.4%</b>		<b>32.6%</b>	<b>34.0%</b>	<b>34.3%</b>	<b>34.6%</b>	<b>35.1%</b>	<b>30.8%</b>	<b>31.1%</b>	
Persons w/SUD Tx Need	382	432	436	477	469	368	399		18,431	19,841	21,162	22,717	21,790	14,151	14,201	
Total persons	1,378	1,468	1,495	1,613	1,560	1,305	1,313		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

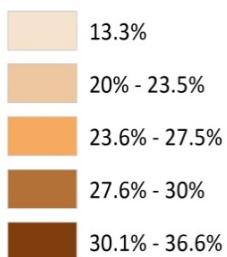
MARCH 2017

**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.

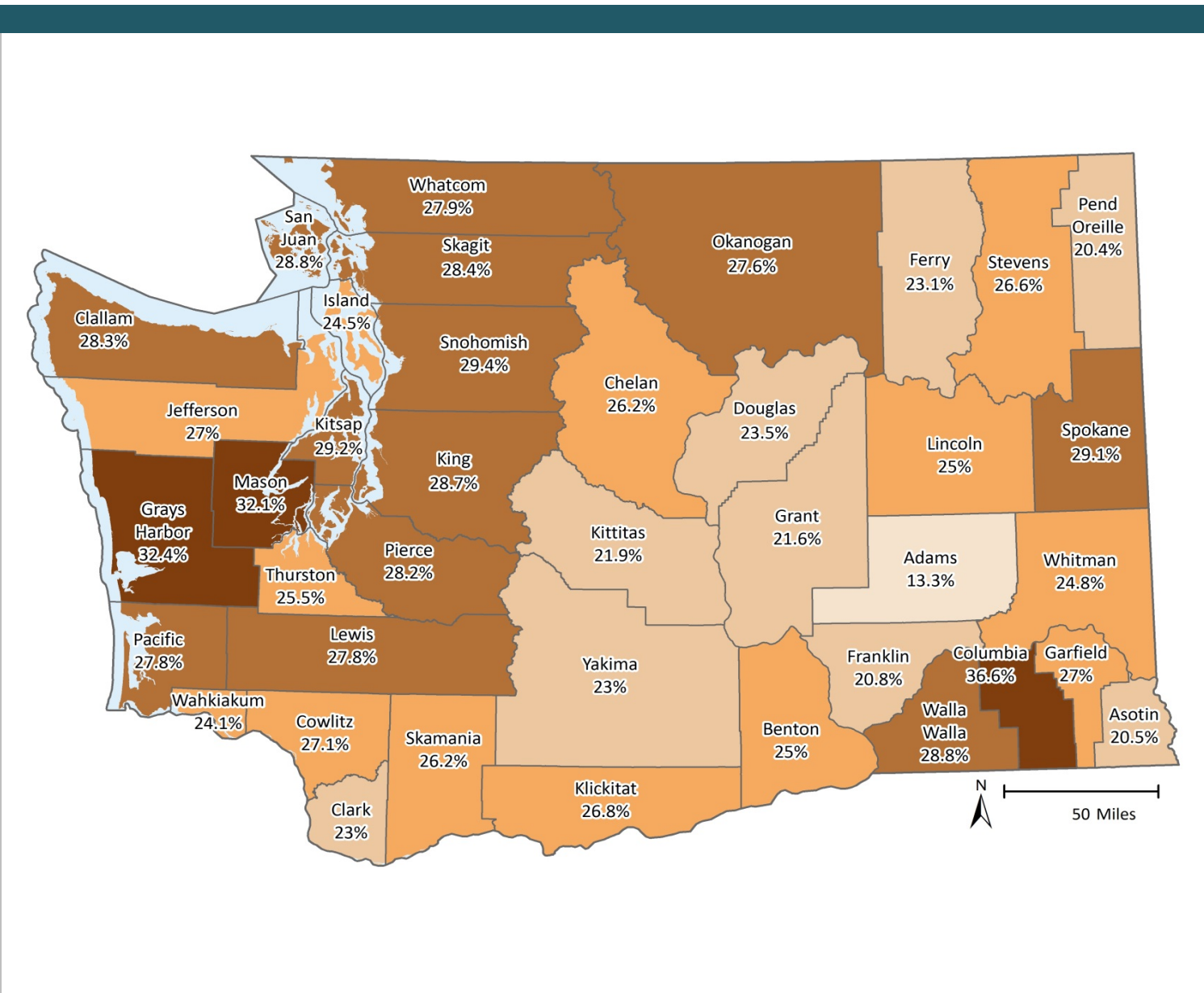
**Percent of Medicaid-Disabled Youth and Adults with Substance Use Disorder Tx Need**



**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.





# Cowlitz 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\*

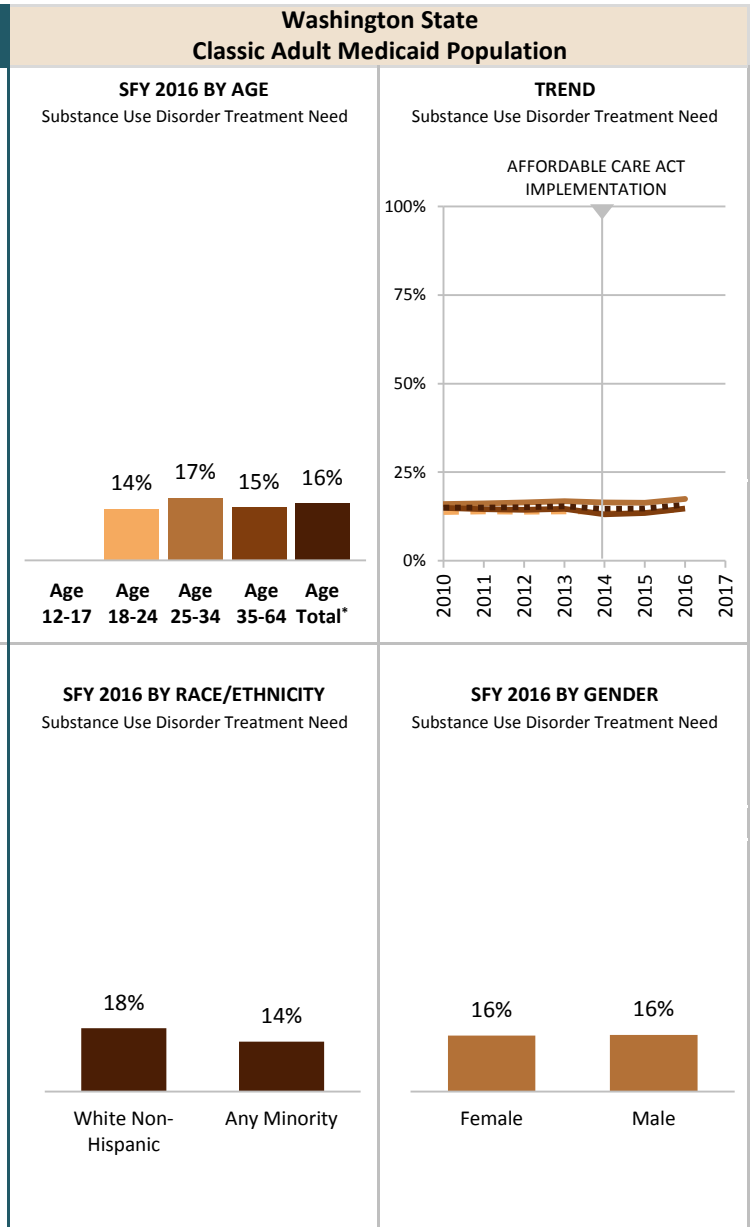
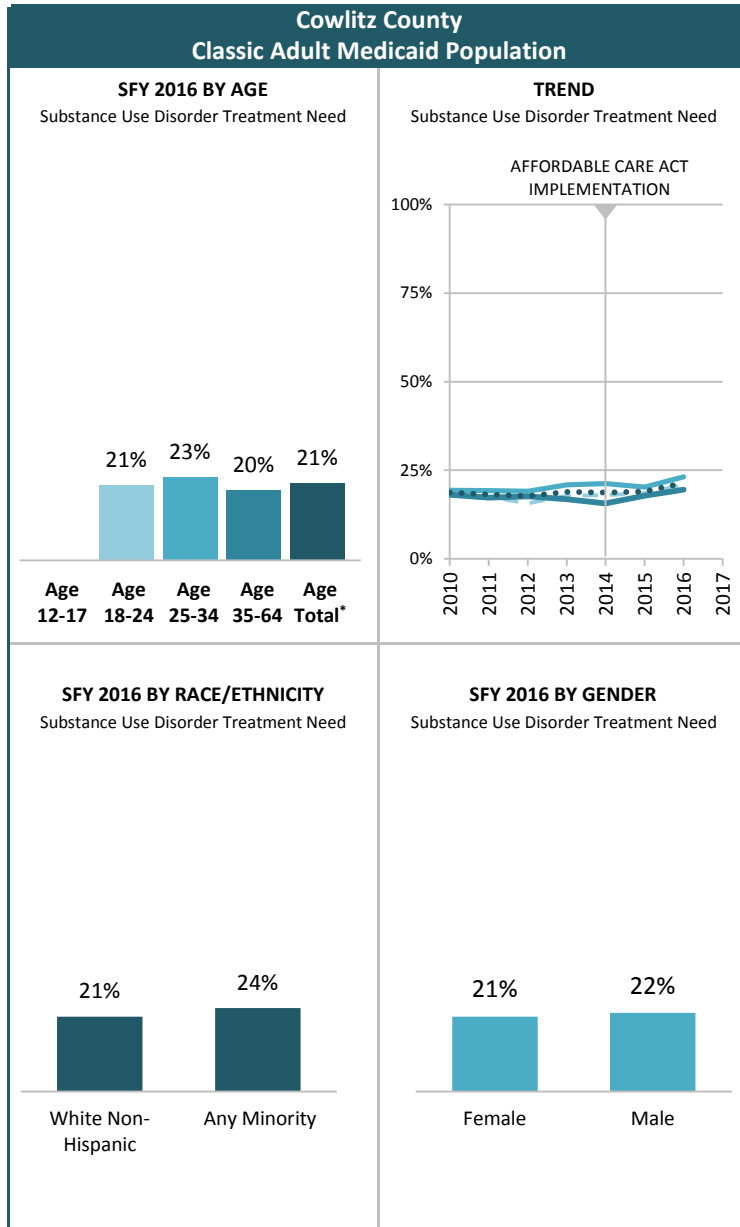
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/SUD Tx Need</b>																
Persons w/SUD Tx Need																
Total persons																
<b>Age 18-24 w/SUD Tx Need</b>	<b>18.3%</b>	<b>17.6%</b>	<b>15.7%</b>	<b>17.8%</b>	<b>18.0%</b>	<b>18.5%</b>	<b>20.9%</b>		<b>13.5%</b>	<b>13.7%</b>	<b>13.5%</b>	<b>13.7%</b>	<b>13.6%</b>	<b>13.6%</b>	<b>14.3%</b>	
Persons w/SUD Tx Need	273	260	222	235	196	165	156		7,255	7,270	6,809	6,406	5,740	4,723	4,276	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/SUD Tx Need</b>	<b>19.4%</b>	<b>19.3%</b>	<b>19.1%</b>	<b>20.9%</b>	<b>21.3%</b>	<b>20.3%</b>	<b>23.2%</b>		<b>16.0%</b>	<b>16.2%</b>	<b>16.5%</b>	<b>16.8%</b>	<b>16.5%</b>	<b>16.3%</b>	<b>17.5%</b>	
Persons w/SUD Tx Need	404	426	422	453	486	434	497		12,715	13,723	14,035	14,300	14,820	14,935	15,275	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/SUD Tx Need</b>	<b>18.1%</b>	<b>17.2%</b>	<b>17.7%</b>	<b>16.9%</b>	<b>15.7%</b>	<b>17.8%</b>	<b>19.5%</b>		<b>14.9%</b>	<b>14.6%</b>	<b>14.4%</b>	<b>14.7%</b>	<b>13.1%</b>	<b>13.5%</b>	<b>14.7%</b>	
Persons w/SUD Tx Need	260	262	267	250	275	324	360		8,073	8,493	8,614	8,876	10,132	11,718	12,599	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total<sup>1</sup> w/SUD Tx Need</b>	<b>18.7%</b>	<b>18.2%</b>	<b>17.7%</b>	<b>18.9%</b>	<b>18.7%</b>	<b>19.0%</b>	<b>21.4%</b>		<b>15.0%</b>	<b>15.0%</b>	<b>15.1%</b>	<b>15.4%</b>	<b>14.7%</b>	<b>14.7%</b>	<b>15.9%</b>	
Persons w/SUD Tx need	937	948	911	938	957	923	1,013		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/SUD Tx Need</b>	<b>28.6%</b>	<b>27.4%</b>	<b>26.9%</b>	<b>31.0%</b>	<b>28.5%</b>	<b>28.4%</b>	<b>33.3%</b>		<b>30.9%</b>	<b>30.6%</b>	<b>31.1%</b>	<b>31.3%</b>	<b>30.8%</b>	<b>30.9%</b>	<b>32.6%</b>	
Persons w/SUD Tx Need	136	132	123	146	134	116	134		4,866	4,917	4,931	4,868	4,776	4,558	4,490	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/SUD Tx Need</b>	<b>18.0%</b>	<b>15.3%</b>	<b>17.1%</b>	<b>20.4%</b>	<b>20.4%</b>	<b>19.4%</b>	<b>28.3%</b>		<b>10.4%</b>	<b>10.1%</b>	<b>9.7%</b>	<b>10.0%</b>	<b>8.8%</b>	<b>8.1%</b>	<b>8.8%</b>	
Persons w/SUD Tx Need	20	15	18	21	22	21	26		926	997	1,005	1,042	1,135	1,123	1,170	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/SUD Tx Need</b>	<b>23.6%</b>	<b>18.6%</b>	<b>21.5%</b>	<b>23.2%</b>	<b>25.5%</b>	<b>30.0%</b>	<b>27.1%</b>		<b>15.1%</b>	<b>14.9%</b>	<b>14.6%</b>	<b>14.4%</b>	<b>14.5%</b>	<b>14.6%</b>	<b>15.6%</b>	
Persons w/SUD Tx Need	26	22	28	29	36	39	38		3,085	3,282	3,257	3,241	3,382	3,309	3,320	
Total persons	110	118	130	125	141	130	140		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Hawaiian/PI w/SUD Tx Need</b>				<b>24.0%</b>			<b>17.6%</b>		<b>10.4%</b>	<b>10.6%</b>	<b>10.4%</b>	<b>10.3%</b>	<b>9.7%</b>	<b>9.5%</b>	<b>10.0%</b>	
Persons w/SUD Tx Need				12			16		689	762	800	822	899	958	967	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/SUD Tx Need</b>	<b>16.1%</b>	<b>15.4%</b>	<b>14.0%</b>	<b>14.3%</b>	<b>14.9%</b>	<b>13.4%</b>	<b>15.4%</b>		<b>11.8%</b>	<b>11.7%</b>	<b>11.5%</b>	<b>11.7%</b>	<b>10.4%</b>	<b>10.0%</b>	<b>10.9%</b>	
Persons w/SUD Tx Need	62	68	62	65	73	61	69		3,301	3,541	3,580	3,648	3,814	3,871	4,026	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/SUD Tx Need</b>	<b>18.3%</b>	<b>18.1%</b>	<b>17.4%</b>	<b>18.4%</b>	<b>18.4%</b>	<b>19.0%</b>	<b>21.1%</b>		<b>15.3%</b>	<b>15.6%</b>	<b>15.8%</b>	<b>16.3%</b>	<b>15.9%</b>	<b>16.5%</b>	<b>17.9%</b>	
Persons w/SUD Tx Need	711	729	693	706	723	710	764		16,743	17,696	17,638	17,801	18,587	19,364	19,911	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/SUD Tx Need</b>	<b>21.8%</b>	<b>20.4%</b>	<b>20.4%</b>	<b>21.7%</b>	<b>20.7%</b>	<b>20.4%</b>	<b>23.5%</b>		<b>16%</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>	<b>14%</b>	<b>13%</b>	<b>14%</b>	
Persons w/SUD Tx Need	222	218	216	230	233	213	246		11,154	11,650	11,690	11,663	11,975	11,853	12,006	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/SUD Tx Need</b>	<b>17.9%</b>	<b>17.6%</b>	<b>17.7%</b>	<b>18.9%</b>	<b>18.6%</b>	<b>19.0%</b>	<b>21.2%</b>		<b>13.8%</b>	<b>13.9%</b>	<b>14.2%</b>	<b>14.6%</b>	<b>14.3%</b>	<b>14.6%</b>	<b>15.8%</b>	
Persons w/SUD Tx Need	666	669	673	692	711	712	785		19,959	21,011	21,389	21,744	22,974	24,185	25,160	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/SUD Tx Need</b>	<b>21.1%</b>	<b>19.7%</b>	<b>17.9%</b>	<b>18.9%</b>	<b>18.9%</b>	<b>19.0%</b>	<b>22.2%</b>		<b>19.2%</b>	<b>18.6%</b>	<b>18.0%</b>	<b>18.1%</b>	<b>15.9%</b>	<b>15.1%</b>	<b>16.0%</b>	
Persons w/SUD Tx Need	271	279	238	246	246	211	228		8,084	8,475	8,069	7,838	7,718	7,191	6,990	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		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

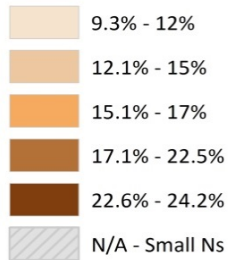
MARCH 2017

**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.

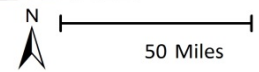
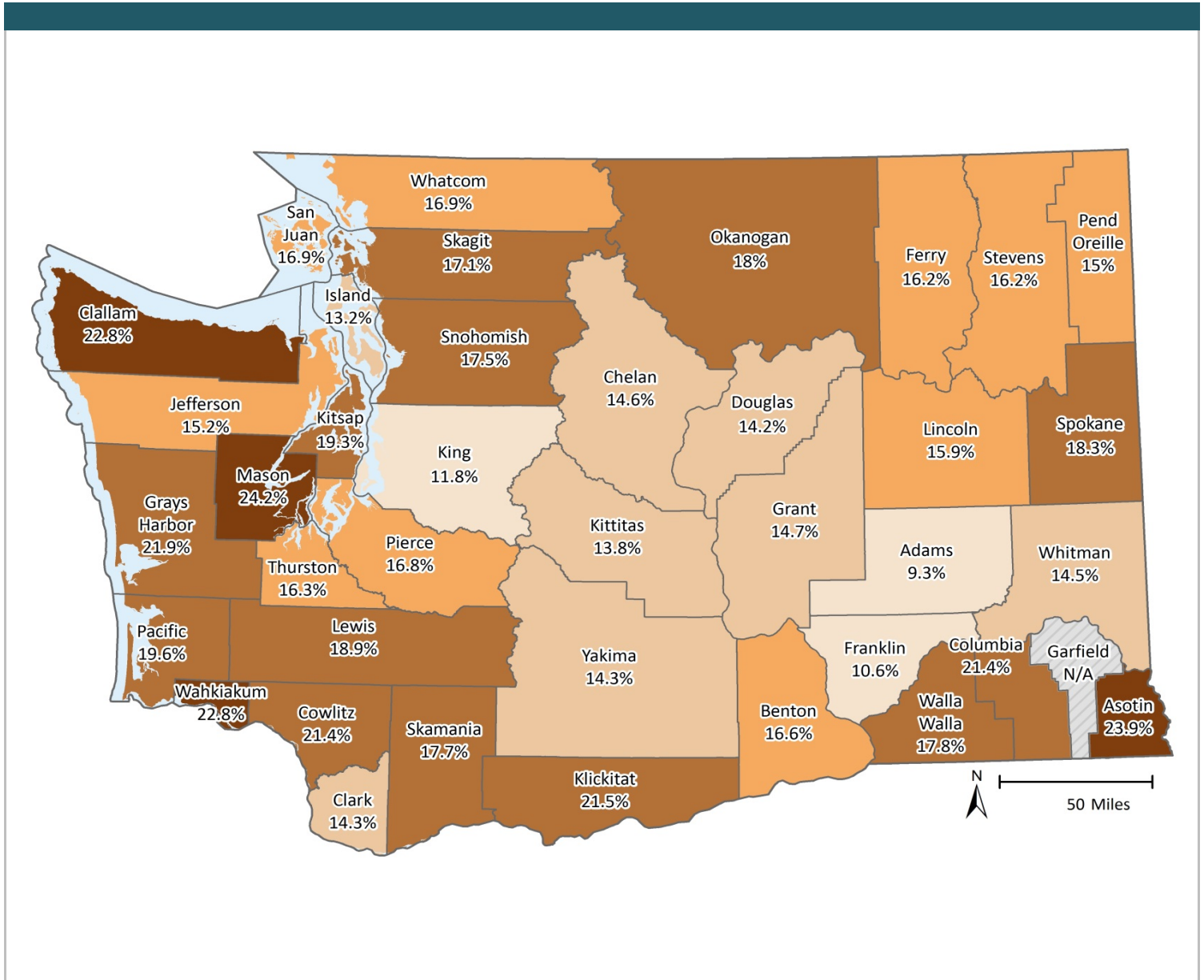
**Percent of Medicaid-Classic Adults with Substance Use Disorder Tx Need**



**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.





# Cowlitz County

## Behavioral Health Treatment Needs and Outcomes

### Substance Use Disorder Treatment Need

**INDICATOR**

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

**COUNTY:**

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

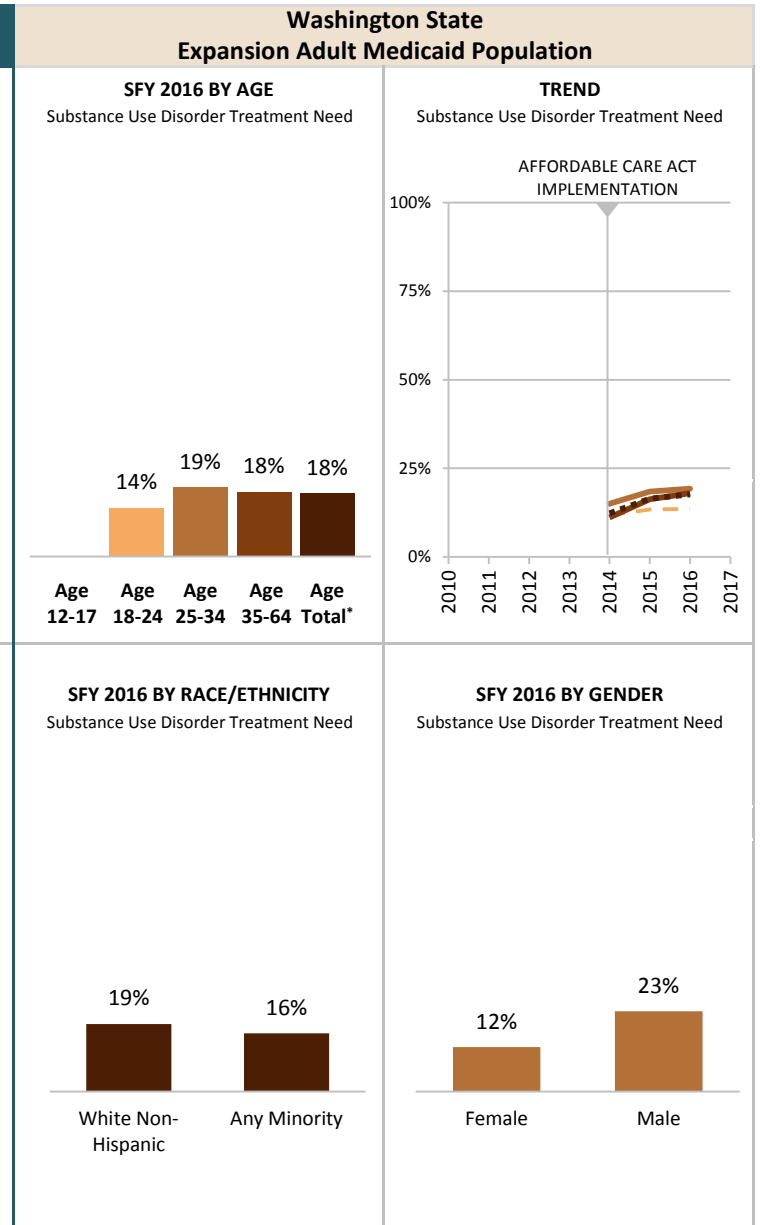
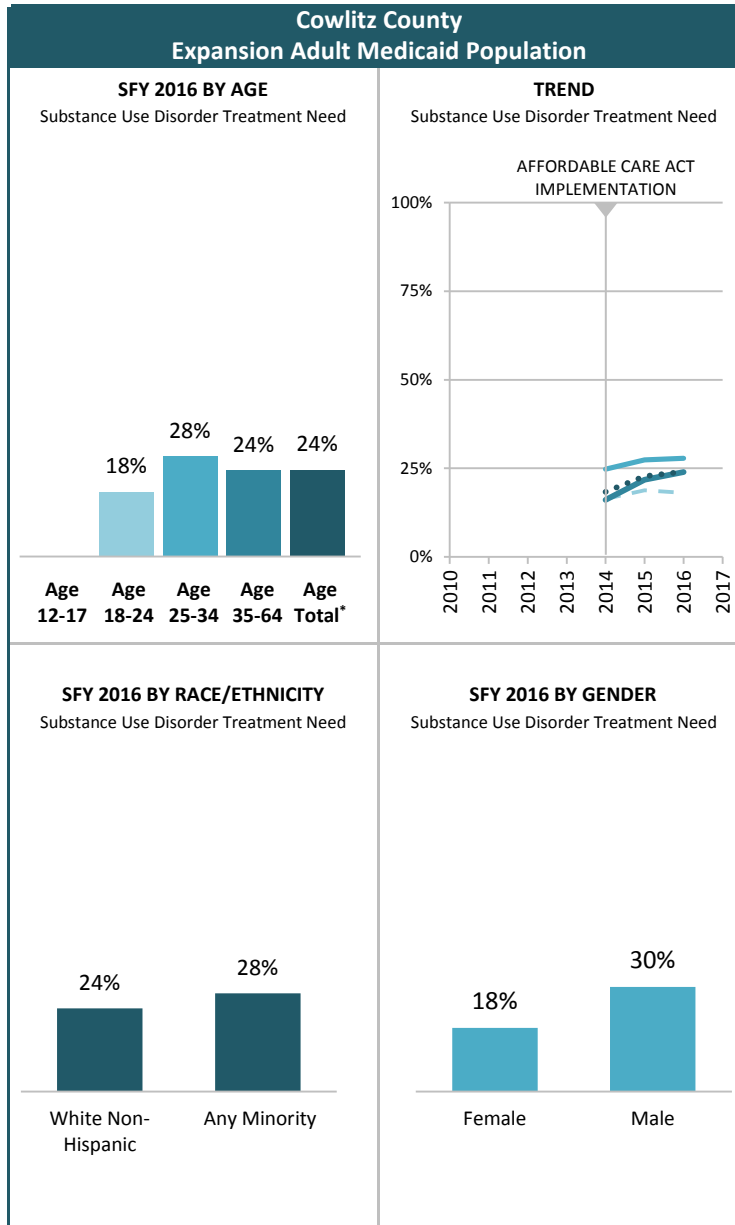
**STATE:**

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

**SOURCE & POPULATION**

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/SUD Tx Need</b>																
Persons w/SUD Tx Need																
Total persons																
<b>Age 18-24 w/SUD Tx Need</b>					<b>16.4%</b>	<b>18.9%</b>	<b>18.1%</b>						<b>11.8%</b>	<b>13.4%</b>	<b>13.6%</b>	
Persons w/SUD Tx Need					165	364	412						7,068	13,885	16,235	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/SUD Tx Need</b>					<b>24.8%</b>	<b>27.4%</b>	<b>27.8%</b>						<b>15.1%</b>	<b>18.4%</b>	<b>19.3%</b>	
Persons w/SUD Tx Need					421	838	1,062						15,416	32,675	39,531	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/SUD Tx Need</b>					<b>16.1%</b>	<b>21.8%</b>	<b>24.0%</b>						<b>11.1%</b>	<b>16.3%</b>	<b>18.0%</b>	
Persons w/SUD Tx Need					612	1,372	1,710						22,012	51,726	62,116	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>1</sup> w/SUD Tx Need</b>					<b>18.4%</b>	<b>22.8%</b>	<b>24.1%</b>						<b>12.3%</b>	<b>16.4%</b>	<b>17.6%</b>	
Persons w/SUD Tx need					1,198	2,574	3,184						44,496	98,286	117,882	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/SUD Tx Need</b>					<b>35.0%</b>	<b>37.7%</b>	<b>39.4%</b>						<b>31.8%</b>	<b>36.9%</b>	<b>37.4%</b>	
Persons w/SUD Tx Need					230	416	467						5,334	11,217	13,193	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/SUD Tx Need</b>					<b>9.4%</b>	<b>16.4%</b>	<b>16.7%</b>						<b>4.9%</b>	<b>7.1%</b>	<b>8.0%</b>	
Persons w/SUD Tx Need					15	39	48						1,621	3,463	4,132	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/SUD Tx Need</b>					<b>28.0%</b>	<b>28.8%</b>	<b>30.5%</b>						<b>14.7%</b>	<b>19.5%</b>	<b>20.1%</b>	
Persons w/SUD Tx Need					37	76	97						4,155	9,556	11,311	
Total persons					132	264	318						32,924	48,483	51,833	
<b>Hawaiian/PI w/SUD Tx Need</b>					<b>16.7%</b>	<b>22.8%</b>	<b>25.3%</b>						<b>8.7%</b>	<b>10.8%</b>	<b>11.4%</b>	
Persons w/SUD Tx Need					13	34	49						991	2,209	2,678	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/SUD Tx Need</b>					<b>14.9%</b>	<b>18.1%</b>	<b>19.8%</b>						<b>9.1%</b>	<b>12.4%</b>	<b>13.7%</b>	
Persons w/SUD Tx Need					75	165	227						4,784	10,505	13,292	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/SUD Tx Need</b>					<b>17.3%</b>	<b>22.0%</b>	<b>23.5%</b>						<b>13.5%</b>	<b>17.9%</b>	<b>19.1%</b>	
Persons w/SUD Tx Need					864	1,899	2,368						29,246	64,550	76,824	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/SUD Tx Need</b>					<b>23.4%</b>	<b>27.0%</b>	<b>27.7%</b>						<b>11%</b>	<b>15%</b>	<b>16%</b>	
Persons w/SUD Tx Need					332	656	783						14,923	32,724	39,468	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/SUD Tx Need</b>					<b>12.8%</b>	<b>16.6%</b>	<b>18.0%</b>						<b>7.9%</b>	<b>11.2%</b>	<b>12.5%</b>	
Persons w/SUD Tx Need					411	901	1,138						14,181	32,876	40,978	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/SUD Tx Need</b>					<b>23.9%</b>	<b>28.5%</b>	<b>29.6%</b>						<b>16.7%</b>	<b>21.4%</b>	<b>22.5%</b>	
Persons w/SUD Tx Need					787	1,673	2,046						30,315	65,410	76,904	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	



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

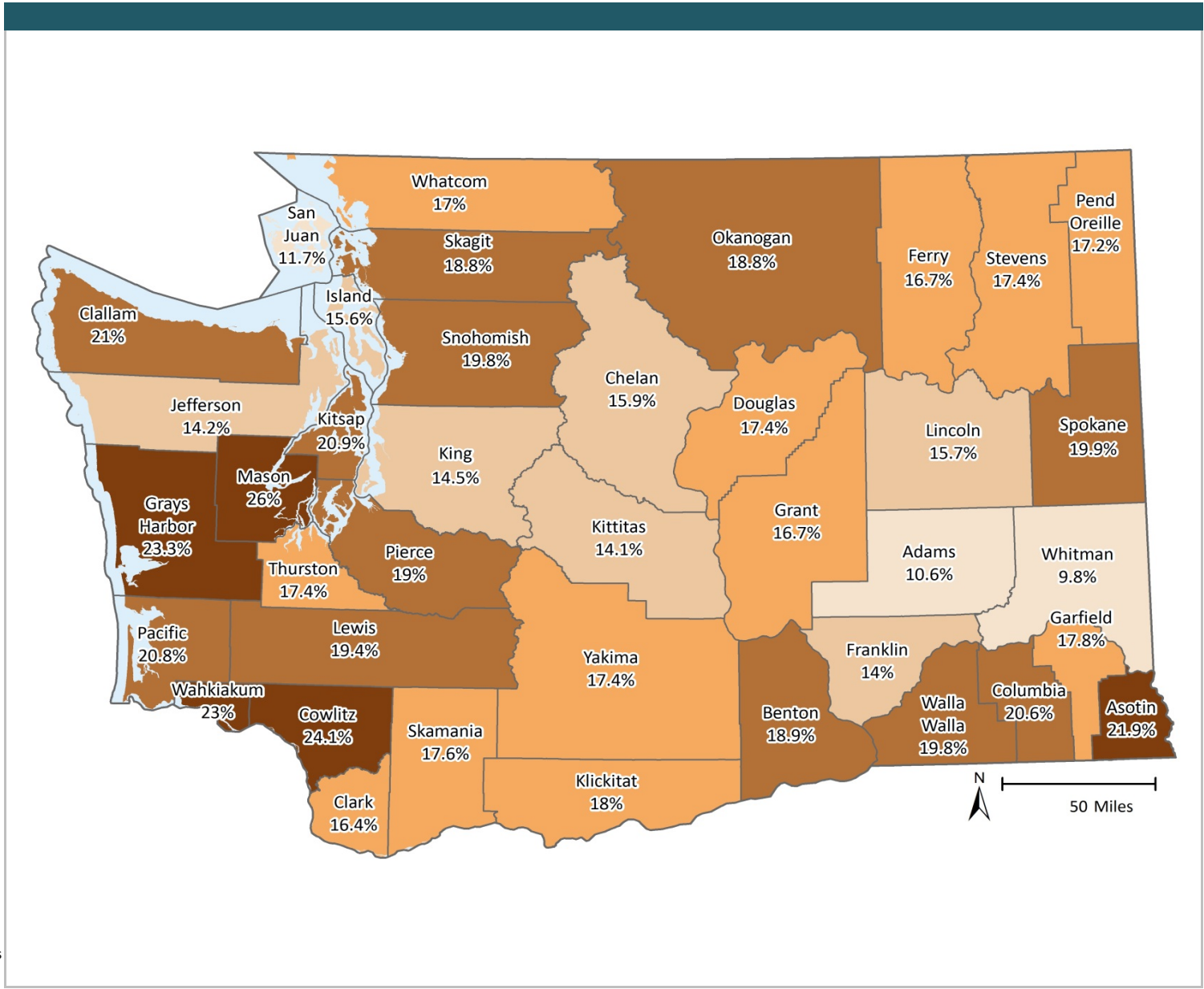
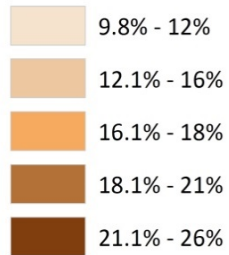
MARCH 2017

**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.



# Cowlitz 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\*

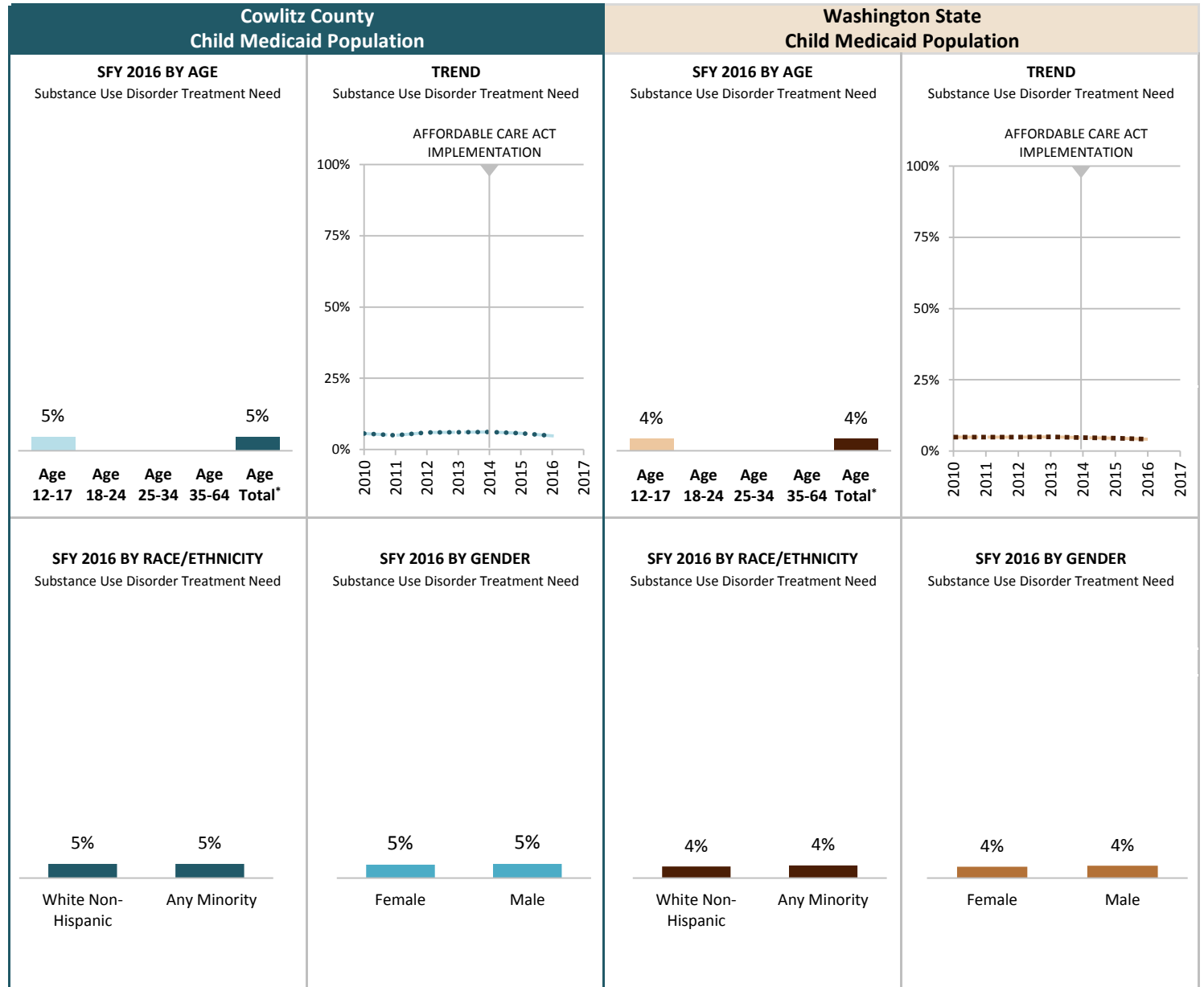
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/SUD Tx Need</b>	<b>5.7%</b>	<b>5.0%</b>	<b>6.0%</b>	<b>6.1%</b>	<b>6.2%</b>	<b>5.8%</b>	<b>4.8%</b>		<b>4.9%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>4.7%</b>	<b>4.6%</b>	<b>4.2%</b>	
Persons w/SUD Tx Need	197	183	219	218	232	223	200		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Age 18-24 w/SUD Tx Need</b>																
Persons w/SUD Tx Need																
Total persons																
<b>Age 25-34 w/SUD Tx Need</b>																
Persons w/SUD Tx Need																
Total persons																
<b>Age 35-64 w/SUD Tx Need</b>																
Persons w/SUD Tx Need																
Total persons																
<b>Age Total<sup>1</sup> w/SUD Tx Need</b>	<b>5.7%</b>	<b>5.0%</b>	<b>6.0%</b>	<b>6.1%</b>	<b>6.2%</b>	<b>5.8%</b>	<b>4.8%</b>		<b>4.9%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>4.7%</b>	<b>4.6%</b>	<b>4.2%</b>	
Persons w/SUD Tx need	197	183	219	218	232	223	200		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/SUD Tx Need</b>	<b>13.9%</b>	<b>11.5%</b>	<b>13.2%</b>	<b>16.2%</b>	<b>18.9%</b>	<b>13.2%</b>	<b>10.5%</b>		<b>11.4%</b>	<b>11.0%</b>	<b>11.5%</b>	<b>11.7%</b>	<b>11.5%</b>	<b>11.1%</b>	<b>9.7%</b>	
Persons w/SUD Tx Need	47	40	43	51	60	39	33		1,401	1,401	1,479	1,541	1,514	1,478	1,311	
Total persons	337	348	326	314	317	295	313		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
<b>Asian w/SUD Tx Need</b>									<b>3.3%</b>	<b>3.2%</b>	<b>3.2%</b>	<b>3.4%</b>	<b>3.0%</b>	<b>2.7%</b>	<b>2.5%</b>	
Persons w/SUD Tx Need									373	384	405	435	435	423	394	
Total persons	88	96	91	76	96	89	93		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
<b>Black w/SUD Tx Need</b>	<b>8.8%</b>		<b>7.4%</b>		<b>11.3%</b>	<b>10.4%</b>			<b>5.7%</b>	<b>5.7%</b>	<b>5.8%</b>	<b>6.1%</b>	<b>6.1%</b>	<b>6.2%</b>	<b>5.6%</b>	
Persons w/SUD Tx Need	12		11		17	15			1,004	1,068	1,121	1,221	1,263	1,313	1,247	
Total persons	136	149	148	128	150	144	150		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
<b>Hawaiian/PI w/SUD Tx Need</b>									<b>3.6%</b>	<b>3.9%</b>	<b>3.9%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>3.8%</b>	<b>3.2%</b>	
Persons w/SUD Tx Need									236	284	306	324	345	346	310	
Total persons	54	70	65	57	69	55	78		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
<b>Hispanic w/SUD Tx Need</b>	<b>5.4%</b>	<b>4.2%</b>	<b>5.1%</b>	<b>6.7%</b>	<b>6.5%</b>	<b>4.9%</b>	<b>3.6%</b>		<b>4.6%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>5.2%</b>	<b>4.9%</b>	<b>4.7%</b>	<b>4.2%</b>	
Persons w/SUD Tx Need	32	27	34	47	50	40	33		2,043	2,417	2,578	2,798	2,870	2,949	2,858	
Total persons	588	639	663	705	767	814	921		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
<b>White Only w/SUD Tx Need</b>	<b>4.7%</b>	<b>4.6%</b>	<b>5.8%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>5.3%</b>	<b>5.0%</b>		<b>4.8%</b>	<b>4.7%</b>	<b>4.7%</b>	<b>4.7%</b>	<b>4.4%</b>	<b>4.4%</b>	<b>4.1%</b>	
Persons w/SUD Tx Need	111	110	140	120	123	135	130		3,669	3,793	3,839	3,849	3,874	3,968	3,809	
Total persons	2,346	2,408	2,411	2,373	2,432	2,527	2,611		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
<b>Any Minority w/SUD Tx Need</b>	<b>8.0%</b>	<b>6.3%</b>	<b>6.8%</b>	<b>8.4%</b>	<b>8.7%</b>	<b>6.9%</b>	<b>4.9%</b>		<b>5%</b>	<b>5%</b>	<b>5%</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>4%</b>	
Persons w/SUD Tx Need	84	72	78	97	109	88	70		4,275	4,719	5,000	5,338	5,426	5,501	5,187	
Total persons	1,056	1,146	1,141	1,153	1,257	1,271	1,420		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
<b>Population by Gender</b>																
<b>Females w/SUD Tx Need</b>	<b>4.5%</b>	<b>4.7%</b>	<b>4.8%</b>	<b>4.8%</b>	<b>5.2%</b>	<b>5.5%</b>	<b>4.7%</b>		<b>4.2%</b>	<b>4.1%</b>	<b>4.2%</b>	<b>4.2%</b>	<b>4.2%</b>	<b>4.2%</b>	<b>4.0%</b>	
Persons w/SUD Tx Need	77	85	87	86	98	108	99		3,387	3,565	3,701	3,860	4,110	4,320	4,308	
Total persons	1,725	1,821	1,811	1,794	1,897	1,968	2,109		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
<b>Males w/SUD Tx Need</b>	<b>6.8%</b>	<b>5.4%</b>	<b>7.3%</b>	<b>7.4%</b>	<b>7.2%</b>	<b>6.0%</b>	<b>5.0%</b>		<b>5.6%</b>	<b>5.7%</b>	<b>5.7%</b>	<b>5.8%</b>	<b>5.2%</b>	<b>5.0%</b>	<b>4.3%</b>	
Persons w/SUD Tx Need	120	98	132	132	134	115	101		4,576	4,971	5,166	5,358	5,220	5,190	4,760	
Total persons	1,757	1,817	1,818	1,791	1,858	1,909	2,025		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

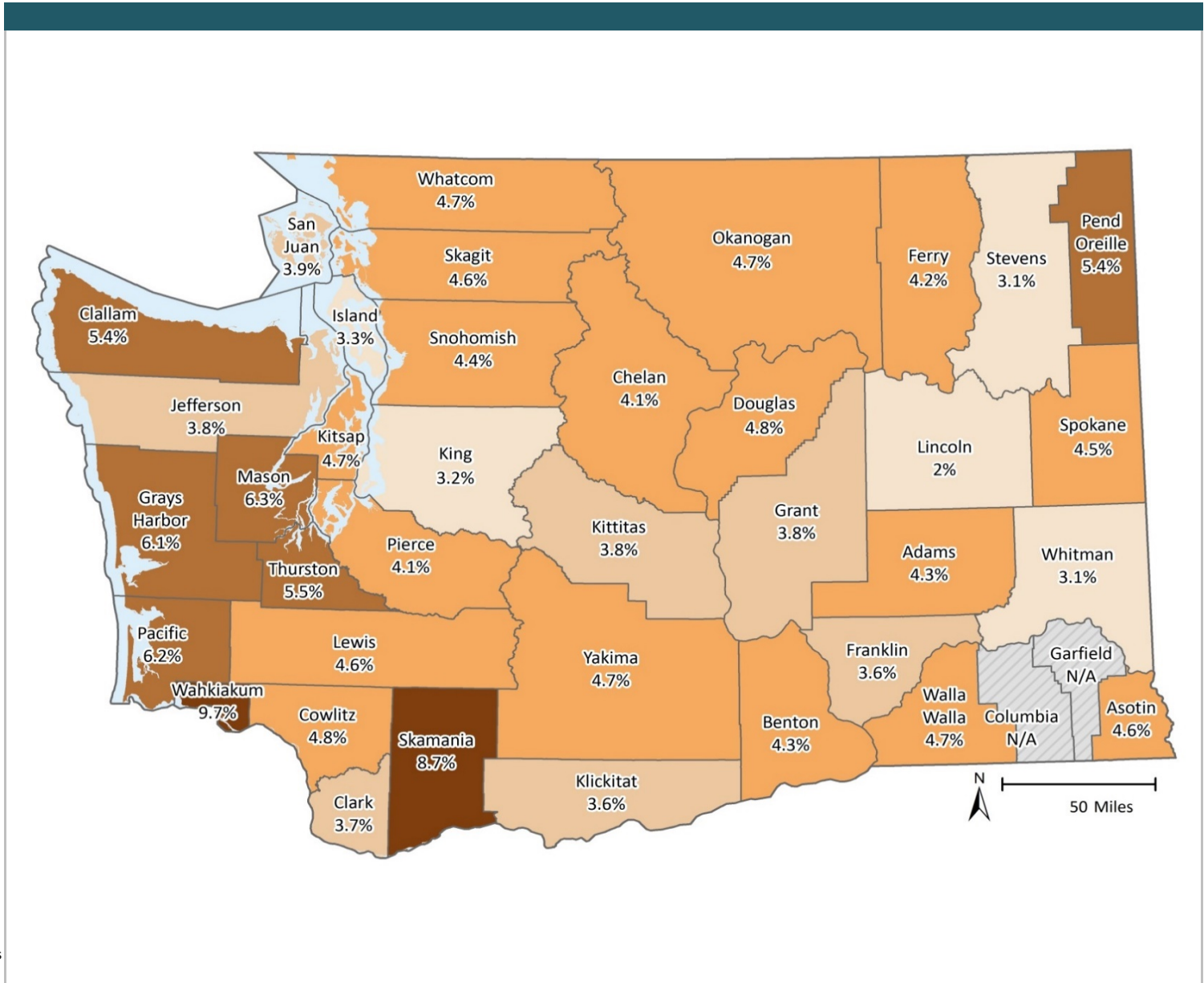
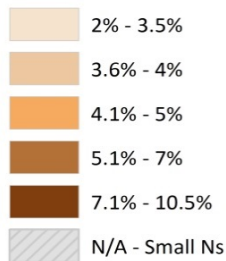
MARCH 2017

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.



# Cowlitz 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

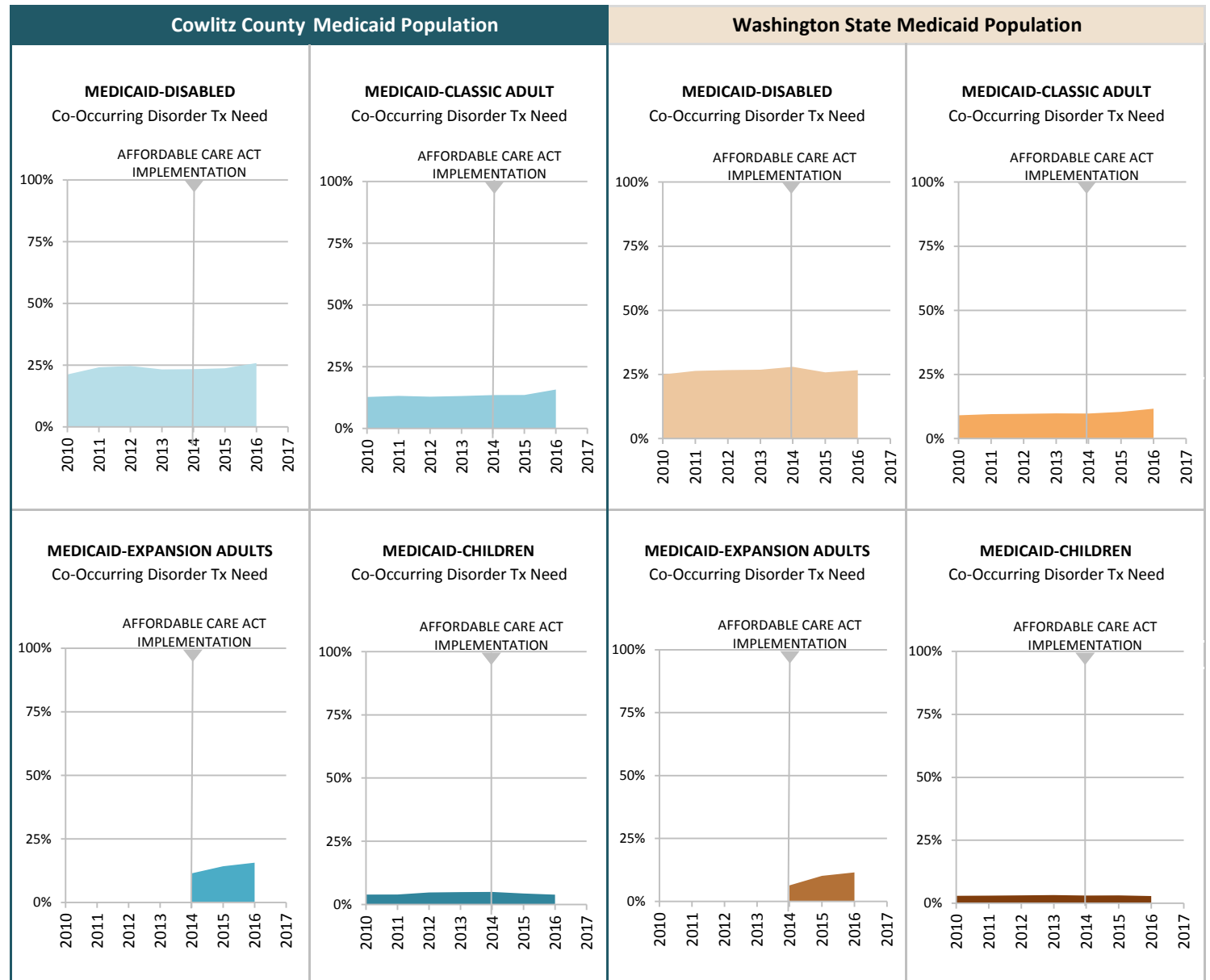
**STATE:**

- 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

	Cowlitz County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>by Medicaid Sub-Population</b>																
<b>Medicaid-Disabled</b>	<b>21.2%</b>	<b>24.1%</b>	<b>24.6%</b>	<b>23.2%</b>	<b>23.3%</b>	<b>23.7%</b>	<b>25.8%</b>		<b>25.0%</b>	<b>26.4%</b>	<b>26.7%</b>	<b>26.8%</b>	<b>28.0%</b>	<b>25.8%</b>	<b>26.6%</b>	
Persons w/COD Tx Need	636	773	814	805	771	661	719		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Medicaid-Classic Adults</b>	<b>12.7%</b>	<b>13.2%</b>	<b>12.8%</b>	<b>13.1%</b>	<b>13.5%</b>	<b>13.5%</b>	<b>15.7%</b>		<b>9.1%</b>	<b>9.5%</b>	<b>9.7%</b>	<b>9.8%</b>	<b>9.8%</b>	<b>10.4%</b>	<b>11.6%</b>	
Persons w/COD Tx Need	636	685	659	651	690	655	744		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>11.4%</b>	<b>14.2%</b>	<b>15.6%</b>						<b>6.3%</b>	<b>10.1%</b>	<b>11.5%</b>	
Persons w/COD Tx Need					745	1,608	2,069						22,875	60,617	77,053	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>3.9%</b>	<b>3.9%</b>	<b>4.7%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>4.3%</b>	<b>3.9%</b>		<b>2.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.2%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>2.8%</b>	
Persons w/COD Tx Need	136	143	172	175	186	168	160		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		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\*

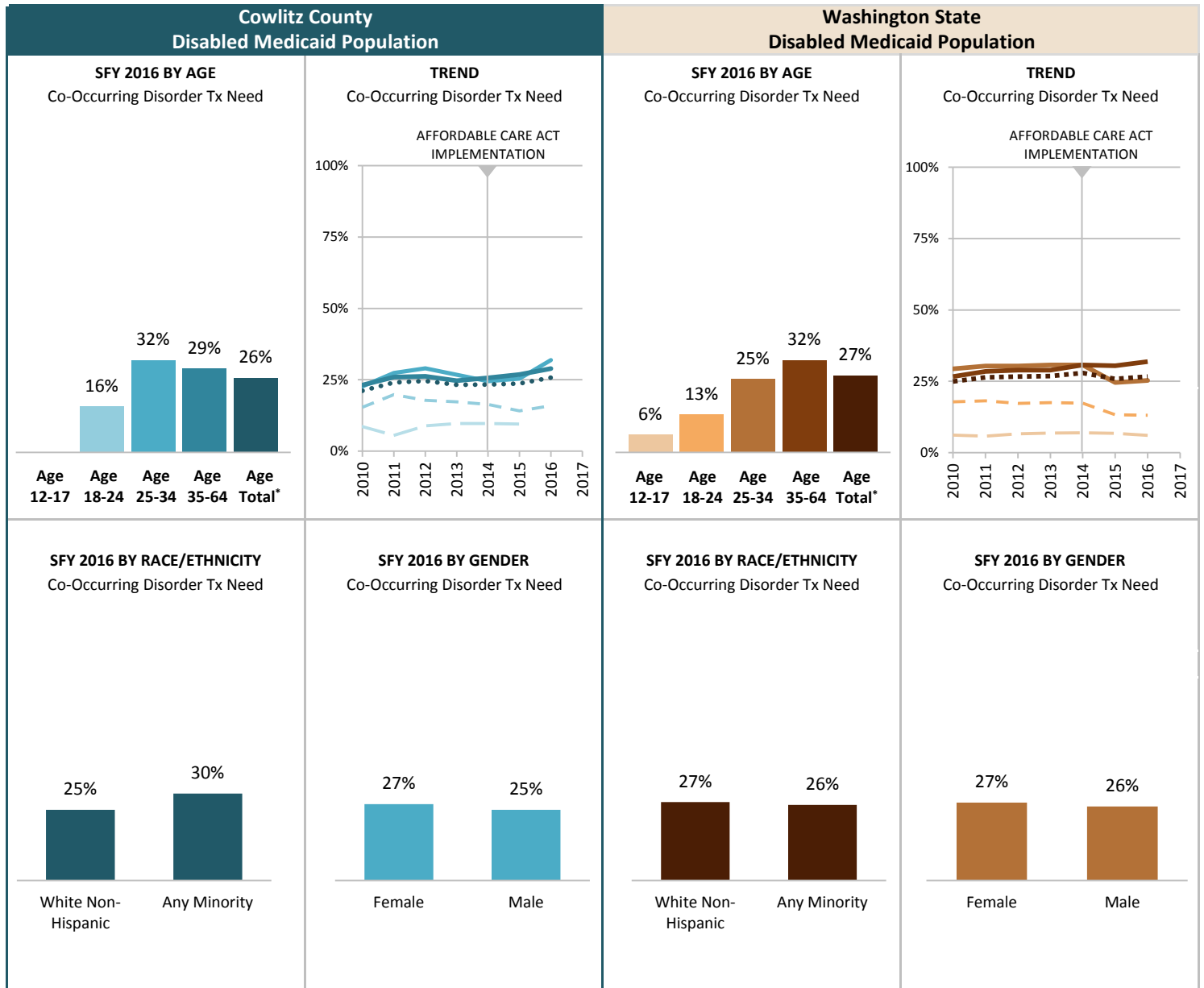
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/COD Tx Need</b>	<b>8.6%</b>	<b>5.5%</b>	<b>8.8%</b>	<b>9.7%</b>	<b>9.7%</b>	<b>9.6%</b>			<b>6.1%</b>	<b>5.9%</b>	<b>6.6%</b>	<b>6.9%</b>	<b>7.0%</b>	<b>6.8%</b>	<b>6.1%</b>	
Persons w/COD Tx Need	18	12	20	23	26	26			390	385	460	505	513	507	478	
Total persons	209	218	226	237	268	272	247		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
<b>Age 18-24 w/COD Tx Need</b>	<b>15.4%</b>	<b>19.8%</b>	<b>17.8%</b>	<b>17.3%</b>	<b>16.3%</b>	<b>14.1%</b>	<b>15.9%</b>		<b>17.8%</b>	<b>18.2%</b>	<b>17.3%</b>	<b>17.6%</b>	<b>17.3%</b>	<b>13.3%</b>	<b>13.1%</b>	
Persons w/COD Tx Need	52	67	56	59	51	39	44		2,214	2,277	2,171	2,238	2,058	1,300	1,264	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/COD Tx Need</b>	<b>22.7%</b>	<b>27.4%</b>	<b>29.0%</b>	<b>26.8%</b>	<b>24.5%</b>	<b>25.4%</b>	<b>31.9%</b>		<b>29.4%</b>	<b>30.4%</b>	<b>30.4%</b>	<b>30.7%</b>	<b>30.7%</b>	<b>24.6%</b>	<b>25.3%</b>	
Persons w/COD Tx Need	96	122	134	127	112	101	126		4,982	5,310	5,580	5,947	5,655	3,350	3,448	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/COD Tx Need</b>	<b>23.1%</b>	<b>25.9%</b>	<b>26.2%</b>	<b>24.7%</b>	<b>25.7%</b>	<b>26.9%</b>	<b>29.0%</b>		<b>26.7%</b>	<b>28.5%</b>	<b>28.9%</b>	<b>29.0%</b>	<b>30.7%</b>	<b>30.4%</b>	<b>31.9%</b>	
Persons w/COD Tx Need	470	572	604	596	582	495	541		21,007	23,107	24,697	25,988	25,777	18,480	18,855	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>1</sup> w/COD Tx Need</b>	<b>21.2%</b>	<b>24.1%</b>	<b>24.6%</b>	<b>23.2%</b>	<b>23.3%</b>	<b>23.7%</b>	<b>25.8%</b>		<b>25.0%</b>	<b>26.4%</b>	<b>26.7%</b>	<b>26.8%</b>	<b>28.0%</b>	<b>25.8%</b>	<b>26.6%</b>	
Persons w/COD Tx Need	636	773	814	805	771	661	719		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/COD Tx Need</b>	<b>26.7%</b>	<b>35.1%</b>	<b>32.5%</b>	<b>29.5%</b>	<b>29.3%</b>	<b>31.0%</b>	<b>33.8%</b>		<b>36.3%</b>	<b>38.3%</b>	<b>38.0%</b>	<b>37.9%</b>	<b>38.9%</b>	<b>37.2%</b>	<b>37.5%</b>	
Persons w/COD Tx Need	98	139	149	160	156	126	134		4,242	4,591	4,723	4,900	4,771	3,536	3,478	
Total persons	367	396	459	543	532	406	396		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
<b>Asian w/COD Tx Need</b>									<b>12.8%</b>	<b>14.2%</b>	<b>14.8%</b>	<b>15.5%</b>	<b>15.8%</b>	<b>13.8%</b>	<b>14.8%</b>	
Persons w/COD Tx Need									739	836	891	981	936	634	660	
Total persons	39	38	37	39	42	32	31		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
<b>Black w/COD Tx Need</b>	<b>28.4%</b>	<b>28.0%</b>	<b>28.7%</b>	<b>34.4%</b>	<b>28.9%</b>	<b>22.9%</b>	<b>35.0%</b>		<b>30.5%</b>	<b>31.9%</b>	<b>32.0%</b>	<b>31.8%</b>	<b>32.0%</b>	<b>29.2%</b>	<b>29.4%</b>	
Persons w/COD Tx Need	23	21	27	33	28	19	28		4,283	4,694	5,046	5,297	5,143	3,609	3,627	
Total persons	81	75	94	96	97	83	80		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
<b>Hawaiian/PI w/COD Tx Need</b>									<b>18.6%</b>	<b>20.1%</b>	<b>20.6%</b>	<b>20.8%</b>	<b>20.2%</b>	<b>16.4%</b>	<b>18.9%</b>	
Persons w/COD Tx Need									431	504	541	588	556	344	397	
Total persons	19	16	21	21	26	27	24		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
<b>Hispanic w/COD Tx Need</b>	<b>15.8%</b>	<b>23.7%</b>	<b>20.3%</b>	<b>17.3%</b>	<b>16.7%</b>	<b>19.1%</b>	<b>22.9%</b>		<b>19.8%</b>	<b>21.3%</b>	<b>21.3%</b>	<b>20.9%</b>	<b>21.8%</b>	<b>18.7%</b>	<b>20.3%</b>	
Persons w/COD Tx Need	19	33	30	30	28	27	35		1,783	2,071	2,272	2,404	2,404	1,630	1,805	
Total persons	120	139	148	173	168	141	153		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
<b>White Only w/COD Tx Need</b>	<b>20.7%</b>	<b>22.9%</b>	<b>23.9%</b>	<b>22.3%</b>	<b>22.5%</b>	<b>23.0%</b>	<b>24.8%</b>		<b>24.7%</b>	<b>26.1%</b>	<b>26.5%</b>	<b>26.8%</b>	<b>28.2%</b>	<b>26.3%</b>	<b>27.3%</b>	
Persons w/COD Tx Need	501	590	618	590	559	492	531		18,256	19,704	20,806	21,931	21,632	14,914	15,182	
Total persons	2,415	2,571	2,586	2,647	2,486	2,137	2,144		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
<b>Any Minority w/COD Tx Need</b>	<b>23.9%</b>	<b>30.2%</b>	<b>28.5%</b>	<b>27.1%</b>	<b>26.8%</b>	<b>26.9%</b>	<b>30.4%</b>		<b>26%</b>	<b>28%</b>	<b>28%</b>	<b>28%</b>	<b>28%</b>	<b>26%</b>	<b>26%</b>	
Persons w/COD Tx Need	135	182	195	214	210	168	187		10,279	11,291	11,980	12,611	12,250	8,633	8,770	
Total persons	565	602	685	790	785	624	615		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
<b>Population by Gender</b>																
<b>Females w/COD Tx Need</b>	<b>19.7%</b>	<b>23.8%</b>	<b>24.8%</b>	<b>23.3%</b>	<b>23.2%</b>	<b>24.8%</b>	<b>26.7%</b>		<b>22.8%</b>	<b>24.1%</b>	<b>24.9%</b>	<b>25.2%</b>	<b>26.6%</b>	<b>26.1%</b>	<b>27.3%</b>	
Persons w/COD Tx Need	320	415	448	431	405	368	394		13,171	14,285	15,277	16,036	15,802	11,909	12,172	
Total persons	1,623	1,742	1,809	1,851	1,743	1,484	1,473		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
<b>Males w/COD Tx Need</b>	<b>22.9%</b>	<b>24.4%</b>	<b>24.5%</b>	<b>23.2%</b>	<b>23.5%</b>	<b>22.5%</b>	<b>24.8%</b>		<b>27.2%</b>	<b>28.7%</b>	<b>28.5%</b>	<b>28.4%</b>	<b>29.3%</b>	<b>25.5%</b>	<b>26.0%</b>	
Persons w/COD Tx Need	316	358	366	374	366	293	325		15,422	16,794	17,631	18,642	18,201	11,728	11,873	
Total persons	1,378	1,468	1,495	1,613	1,560	1,305	1,313		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

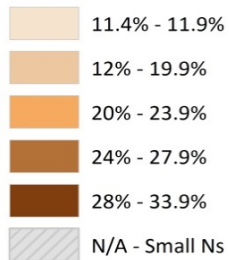
MARCH 2017

**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.

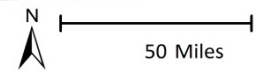
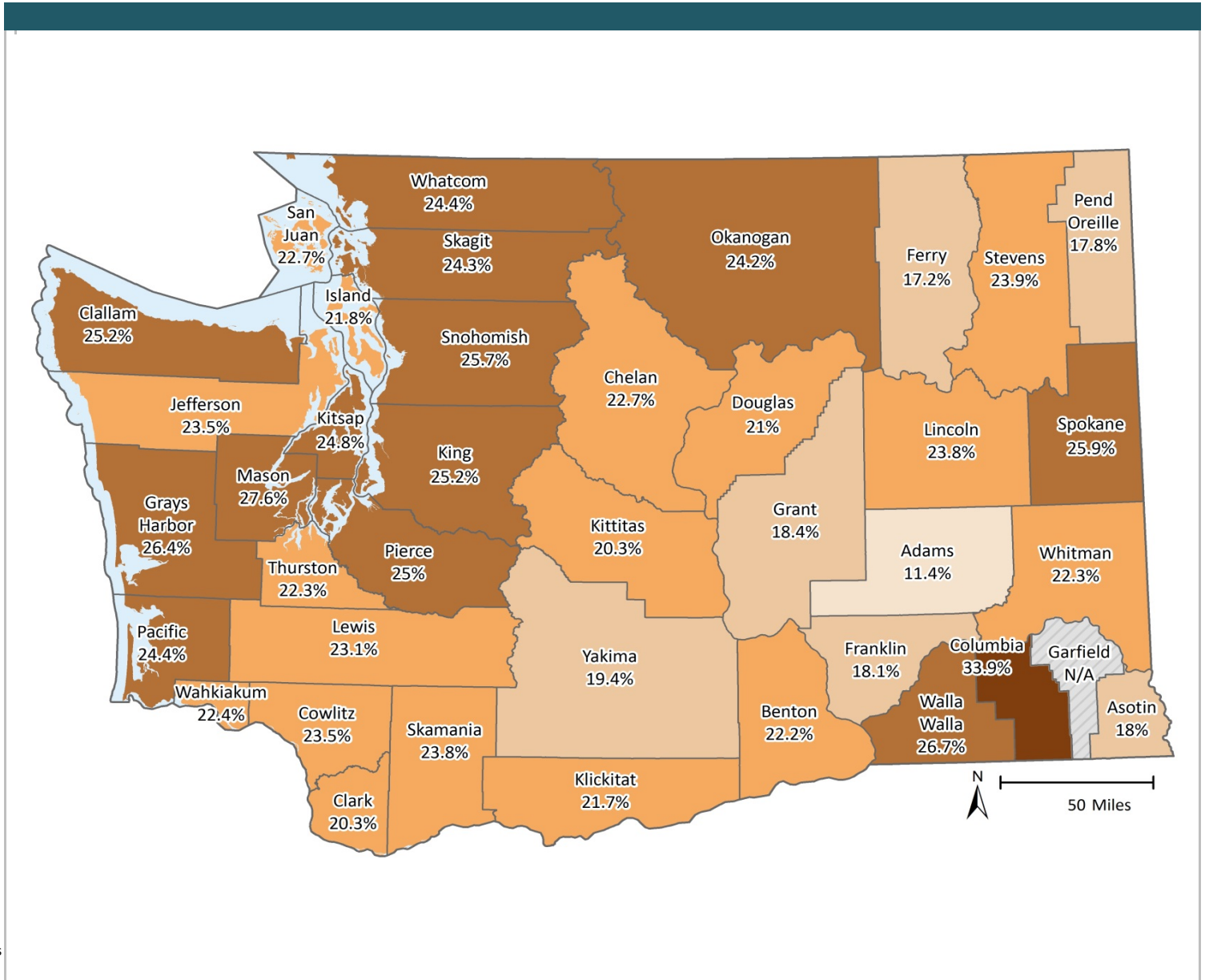
**Percent of Medicaid-Disabled Youth and Adults with Co-Occurring Disorder Tx Need**



**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.





# Cowlitz 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\*

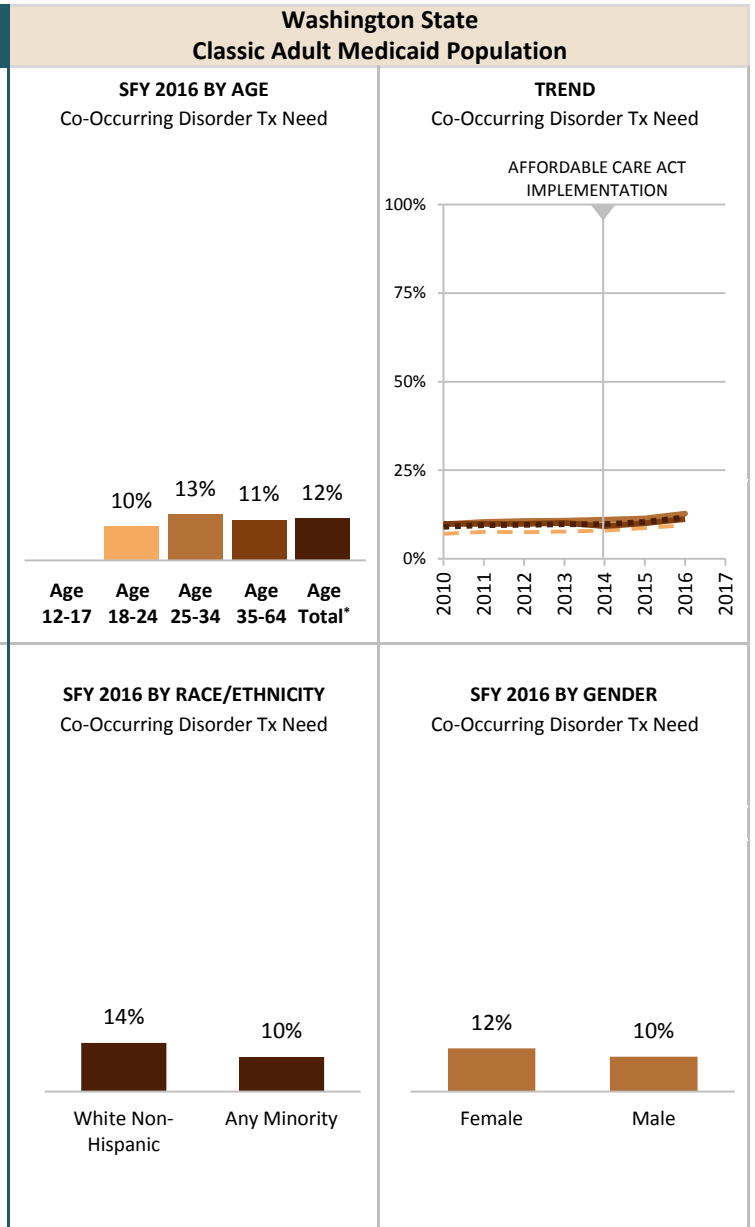
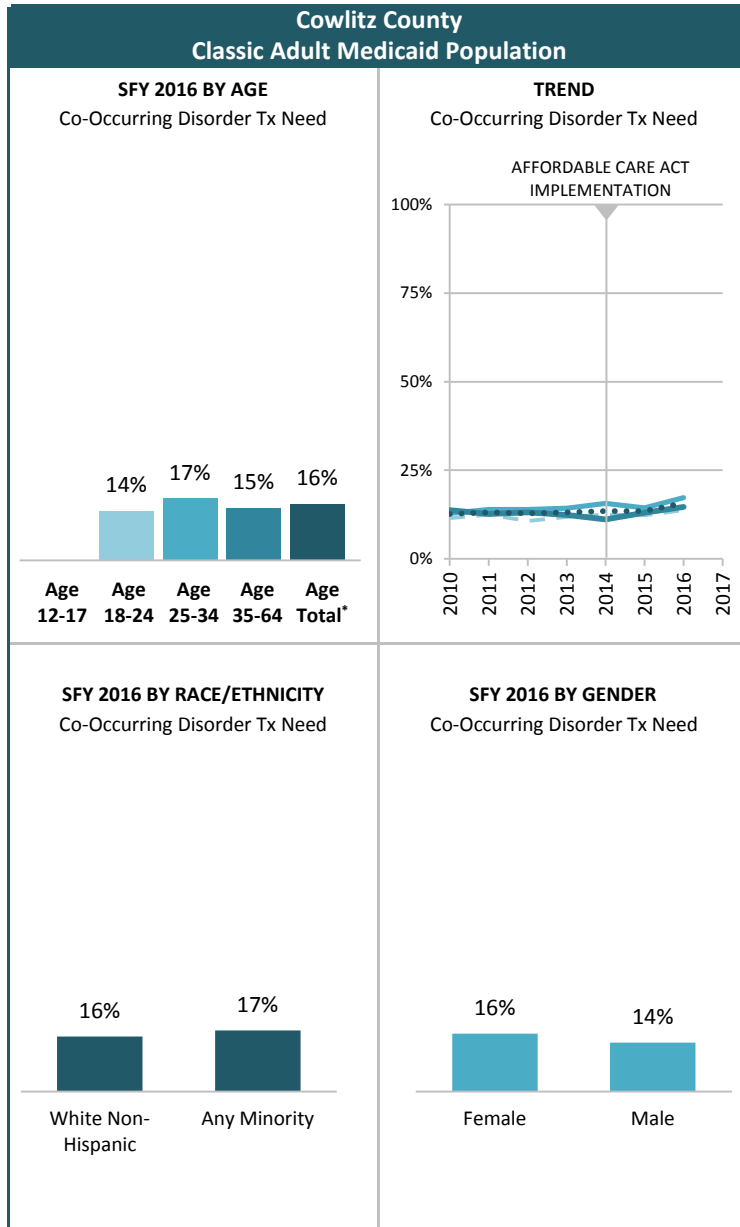
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/COD Tx Need</b>																
Persons w/COD Tx Need																
Total persons																
<b>Age 18-24 w/COD Tx Need</b>	<b>11.5%</b>	<b>12.5%</b>	<b>10.7%</b>	<b>11.9%</b>	<b>12.5%</b>	<b>12.4%</b>	<b>13.8%</b>		<b>7.1%</b>	<b>7.6%</b>	<b>7.6%</b>	<b>7.7%</b>	<b>8.0%</b>	<b>8.7%</b>	<b>9.5%</b>	
Persons w/COD Tx Need	172	185	152	157	136	110	103		3,819	4,061	3,809	3,608	3,369	3,024	2,845	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/COD Tx Need</b>	<b>12.8%</b>	<b>13.9%</b>	<b>14.0%</b>	<b>14.3%</b>	<b>15.7%</b>	<b>14.4%</b>	<b>17.3%</b>		<b>9.8%</b>	<b>10.5%</b>	<b>10.7%</b>	<b>10.8%</b>	<b>11.0%</b>	<b>11.4%</b>	<b>12.8%</b>	
Persons w/COD Tx Need	267	308	309	310	358	309	371		7,809	8,882	9,110	9,168	9,911	10,421	11,148	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/COD Tx Need</b>	<b>13.7%</b>	<b>12.6%</b>	<b>13.1%</b>	<b>12.4%</b>	<b>11.2%</b>	<b>13.0%</b>	<b>14.7%</b>		<b>9.9%</b>	<b>9.9%</b>	<b>9.9%</b>	<b>10.1%</b>	<b>9.3%</b>	<b>10.0%</b>	<b>11.2%</b>	
Persons w/COD Tx Need	197	192	198	184	196	236	270		5,362	5,775	5,944	6,118	7,153	8,706	9,617	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total<sup>1</sup> w/COD Tx Need</b>	<b>12.7%</b>	<b>13.2%</b>	<b>12.8%</b>	<b>13.1%</b>	<b>13.5%</b>	<b>13.5%</b>	<b>15.7%</b>		<b>9.1%</b>	<b>9.5%</b>	<b>9.7%</b>	<b>9.8%</b>	<b>9.8%</b>	<b>10.4%</b>	<b>11.6%</b>	
Persons w/COD Tx Need	636	685	659	651	690	655	744		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/COD Tx Need</b>	<b>21.4%</b>	<b>22.7%</b>	<b>22.8%</b>	<b>23.6%</b>	<b>21.7%</b>	<b>20.3%</b>	<b>26.1%</b>		<b>19.4%</b>	<b>19.9%</b>	<b>20.0%</b>	<b>19.8%</b>	<b>20.5%</b>	<b>21.6%</b>	<b>23.7%</b>	
Persons w/COD Tx Need	102	109	104	111	102	83	105		3,046	3,190	3,174	3,080	3,182	3,180	3,259	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/COD Tx Need</b>	<b>11.7%</b>	<b>12.2%</b>	<b>11.4%</b>	<b>15.5%</b>	<b>13.9%</b>	<b>15.7%</b>	<b>22.8%</b>		<b>5.6%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.7%</b>	<b>5.5%</b>	<b>5.2%</b>	<b>5.7%</b>	
Persons w/COD Tx Need	13	12	12	16	15	17	21		497	547	569	598	708	723	751	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/COD Tx Need</b>	<b>18.2%</b>	<b>16.9%</b>	<b>15.4%</b>	<b>16.0%</b>	<b>19.9%</b>	<b>20.0%</b>	<b>21.4%</b>		<b>8.4%</b>	<b>8.8%</b>	<b>8.7%</b>	<b>8.6%</b>	<b>9.2%</b>	<b>10.0%</b>	<b>11.3%</b>	
Persons w/COD Tx Need	20	20	20	20	28	26	30		1,720	1,947	1,953	1,928	2,134	2,260	2,394	
Total persons	110	118	130	125	141	130	140		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
<b>Hawaiian/PI w/COD Tx Need</b>							<b>12.1%</b>		<b>5.4%</b>	<b>5.6%</b>	<b>5.7%</b>	<b>5.4%</b>	<b>5.7%</b>	<b>6.0%</b>	<b>6.4%</b>	
Persons w/COD Tx Need							11		357	400	440	436	526	606	624	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/COD Tx Need</b>	<b>10.1%</b>	<b>10.2%</b>	<b>9.0%</b>	<b>8.8%</b>	<b>11.0%</b>	<b>8.8%</b>	<b>9.6%</b>		<b>6.1%</b>	<b>6.3%</b>	<b>6.4%</b>	<b>6.6%</b>	<b>6.1%</b>	<b>6.4%</b>	<b>7.3%</b>	
Persons w/COD Tx Need	39	45	40	40	54	40	43		1,717	1,903	1,988	2,056	2,245	2,475	2,677	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/COD Tx Need</b>	<b>12.2%</b>	<b>12.8%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>13.2%</b>	<b>13.5%</b>	<b>15.5%</b>		<b>9.8%</b>	<b>10.4%</b>	<b>10.6%</b>	<b>10.9%</b>	<b>11.1%</b>	<b>12.1%</b>	<b>13.7%</b>	
Persons w/COD Tx Need	475	515	495	481	517	506	562		10,665	11,821	11,892	11,953	12,926	14,192	15,203	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/COD Tx Need</b>	<b>15.8%</b>	<b>15.9%</b>	<b>15.5%</b>	<b>15.8%</b>	<b>15.4%</b>	<b>14.3%</b>	<b>17.2%</b>		<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>10%</b>	
Persons w/COD Tx Need	161	170	164	168	173	149	180		6,279	6,844	6,923	6,894	7,449	7,878	8,273	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/COD Tx Need</b>	<b>13.2%</b>	<b>13.5%</b>	<b>13.7%</b>	<b>14.0%</b>	<b>14.5%</b>	<b>14.3%</b>	<b>16.3%</b>		<b>9.3%</b>	<b>9.8%</b>	<b>10.0%</b>	<b>10.1%</b>	<b>10.3%</b>	<b>10.9%</b>	<b>12.2%</b>	
Persons w/COD Tx Need	490	512	522	514	552	536	603		13,489	14,755	15,031	15,119	16,487	18,022	19,338	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/COD Tx Need</b>	<b>11.4%</b>	<b>12.2%</b>	<b>10.3%</b>	<b>10.5%</b>	<b>10.6%</b>	<b>10.7%</b>	<b>13.7%</b>		<b>8.3%</b>	<b>8.7%</b>	<b>8.5%</b>	<b>8.7%</b>	<b>8.1%</b>	<b>8.7%</b>	<b>9.8%</b>	
Persons w/COD Tx Need	146	173	137	137	138	119	141		3,501	3,963	3,832	3,775	3,946	4,129	4,272	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

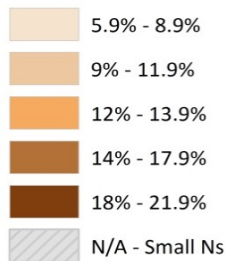
MARCH 2017

SFY 2016

**INDICATOR**

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

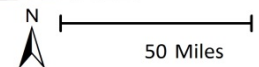
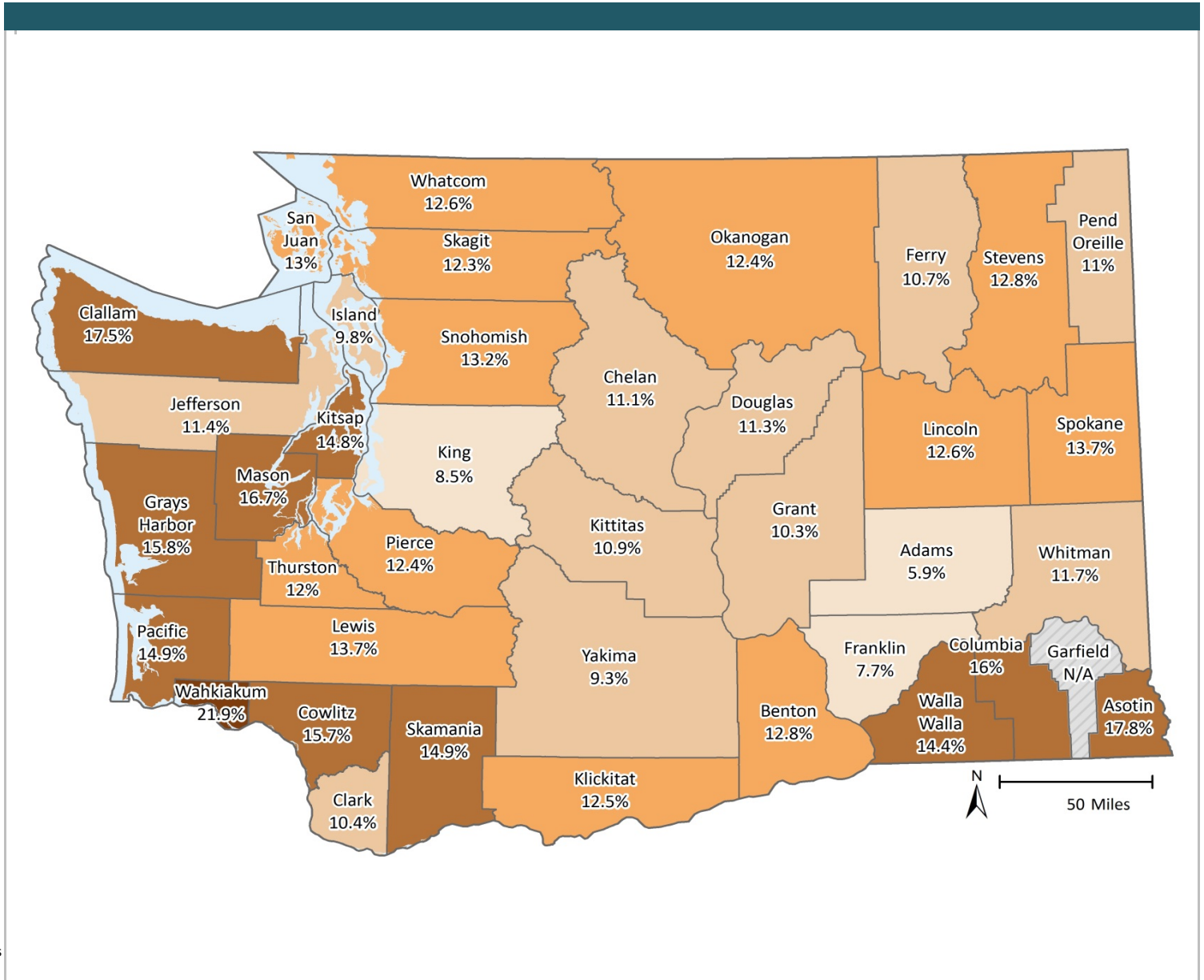
**Percent of Medicaid-Classic Adults with Co-Occurring Disorder Tx Need**



**SOURCE & POPULATION**

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

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



### Co-Occurring Disorder Treatment Need

**INDICATOR**

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

**COUNTY:**

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

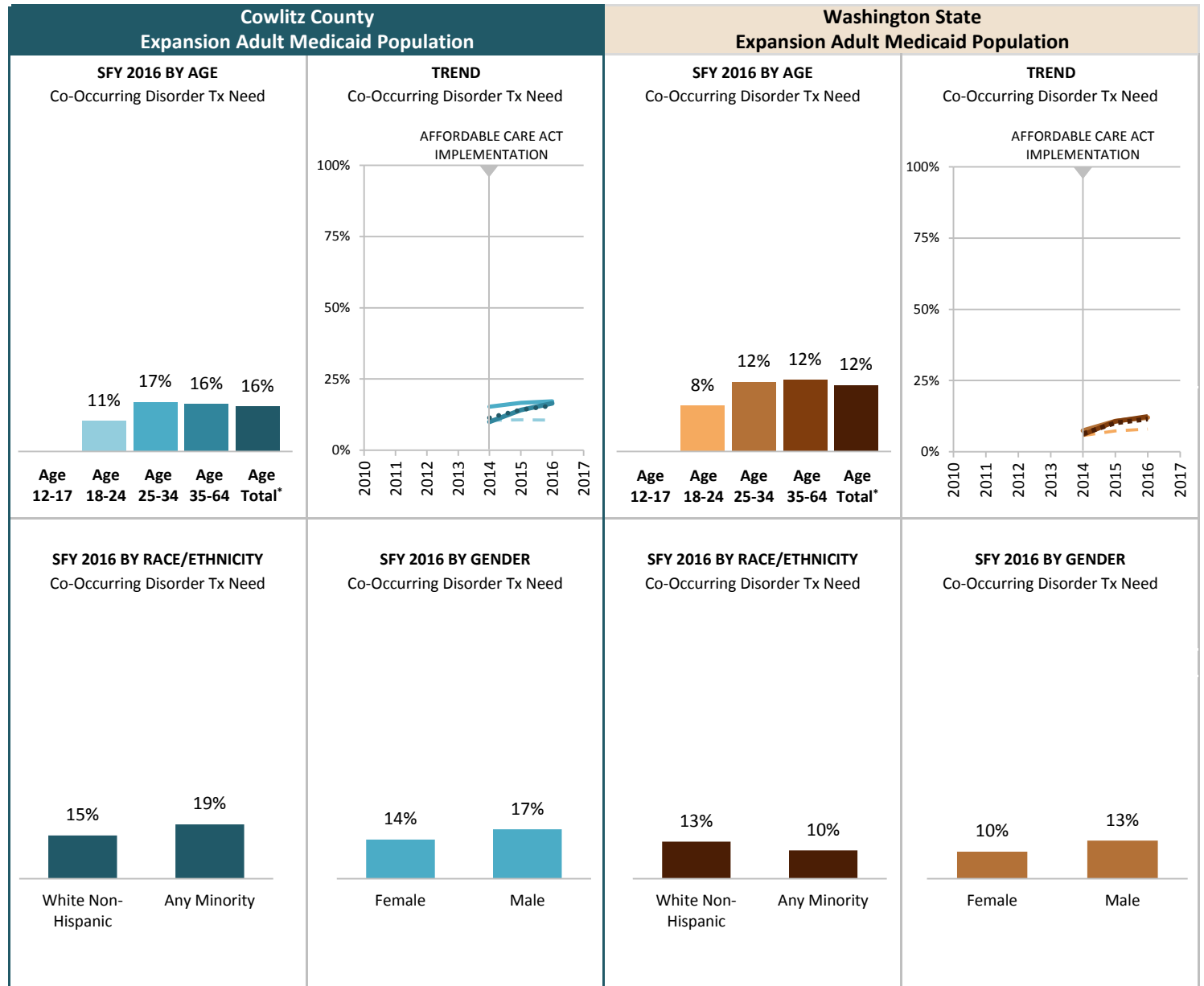
**STATE:**

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

**SOURCE & POPULATION**

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

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



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

STATE FISCAL YEAR	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/COD Tx Need</b>																
Persons w/COD Tx Need																
Total persons																
<b>Age 18-24 w/COD Tx Need</b>					<b>10.5%</b>	<b>10.7%</b>	<b>10.6%</b>						<b>5.7%</b>	<b>7.3%</b>	<b>8.0%</b>	
Persons w/COD Tx Need					106	207	241						3,422	7,567	9,554	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/COD Tx Need</b>					<b>15.3%</b>	<b>16.6%</b>	<b>17.1%</b>						<b>7.4%</b>	<b>10.7%</b>	<b>12.0%</b>	
Persons w/COD Tx Need					259	509	654						7,580	19,047	24,663	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/COD Tx Need</b>					<b>10.0%</b>	<b>14.2%</b>	<b>16.5%</b>						<b>6.0%</b>	<b>10.7%</b>	<b>12.4%</b>	
Persons w/COD Tx Need					380	892	1,174						11,873	34,003	42,836	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>1</sup> w/COD Tx Need</b>					<b>11.4%</b>	<b>14.2%</b>	<b>15.6%</b>						<b>6.3%</b>	<b>10.1%</b>	<b>11.5%</b>	
Persons w/COD Tx Need					745	1,608	2,069						22,875	60,617	77,053	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/COD Tx Need</b>					<b>26.3%</b>	<b>27.9%</b>	<b>29.6%</b>						<b>16.9%</b>	<b>22.8%</b>	<b>24.2%</b>	
Persons w/COD Tx Need					173	307	351						2,837	6,944	8,532	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/COD Tx Need</b>						<b>10.1%</b>	<b>10.1%</b>						<b>2.1%</b>	<b>3.9%</b>	<b>4.7%</b>	
Persons w/COD Tx Need						24	29						686	1,906	2,447	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/COD Tx Need</b>					<b>13.6%</b>	<b>17.8%</b>	<b>18.9%</b>						<b>6.6%</b>	<b>11.1%</b>	<b>12.3%</b>	
Persons w/COD Tx Need					18	47	60						1,871	5,441	6,882	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/COD Tx Need</b>						<b>16.1%</b>	<b>15.5%</b>						<b>3.8%</b>	<b>6.1%</b>	<b>6.6%</b>	
Persons w/COD Tx Need						24	30						438	1,242	1,542	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/COD Tx Need</b>					<b>6.3%</b>	<b>10.4%</b>	<b>12.0%</b>						<b>3.9%</b>	<b>6.6%</b>	<b>7.8%</b>	
Persons w/COD Tx Need					32	95	138						2,026	5,607	7,547	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/COD Tx Need</b>					<b>10.6%</b>	<b>13.3%</b>	<b>15.1%</b>						<b>7.3%</b>	<b>11.5%</b>	<b>13.0%</b>	
Persons w/COD Tx Need					529	1,150	1,519						15,832	41,441	52,380	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/COD Tx Need</b>					<b>15.3%</b>	<b>18.3%</b>	<b>18.9%</b>						<b>5%</b>	<b>9%</b>	<b>10%</b>	
Persons w/COD Tx Need					216	446	535						6,910	18,670	23,786	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/COD Tx Need</b>					<b>8.8%</b>	<b>12.2%</b>	<b>13.8%</b>						<b>5.0%</b>	<b>8.3%</b>	<b>9.5%</b>	
Persons w/COD Tx Need					283	663	870						8,998	24,262	31,259	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/COD Tx Need</b>					<b>14.0%</b>	<b>16.1%</b>	<b>17.4%</b>						<b>7.7%</b>	<b>11.9%</b>	<b>13.4%</b>	
Persons w/COD Tx Need					462	945	1,199						13,877	36,355	45,794	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

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

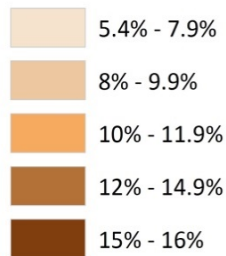
MARCH 2017

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.

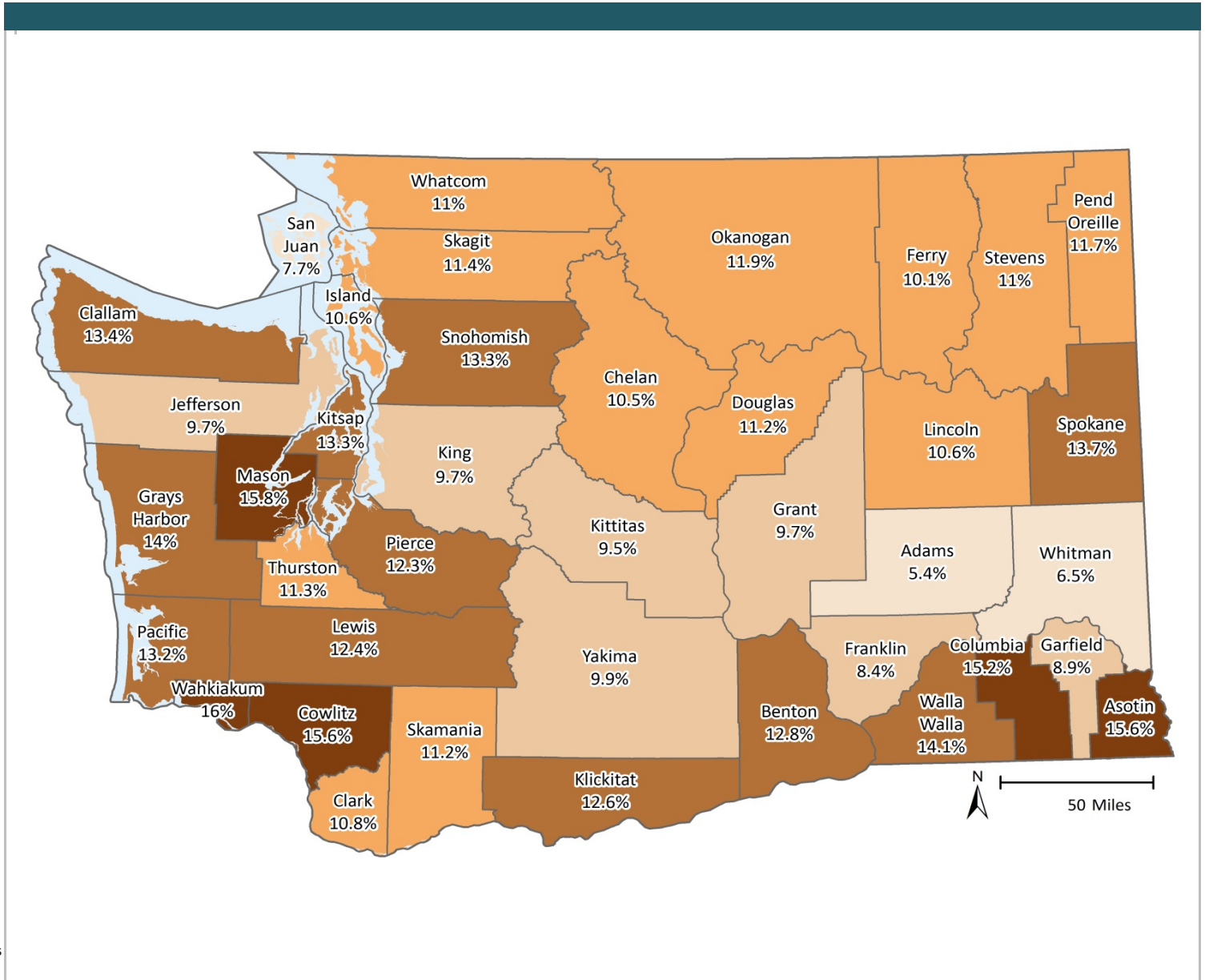
**Percent of Medicaid-Expansion Adults with Co-Occurring Disorder Tx Need**



**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.





# Cowlitz 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\*

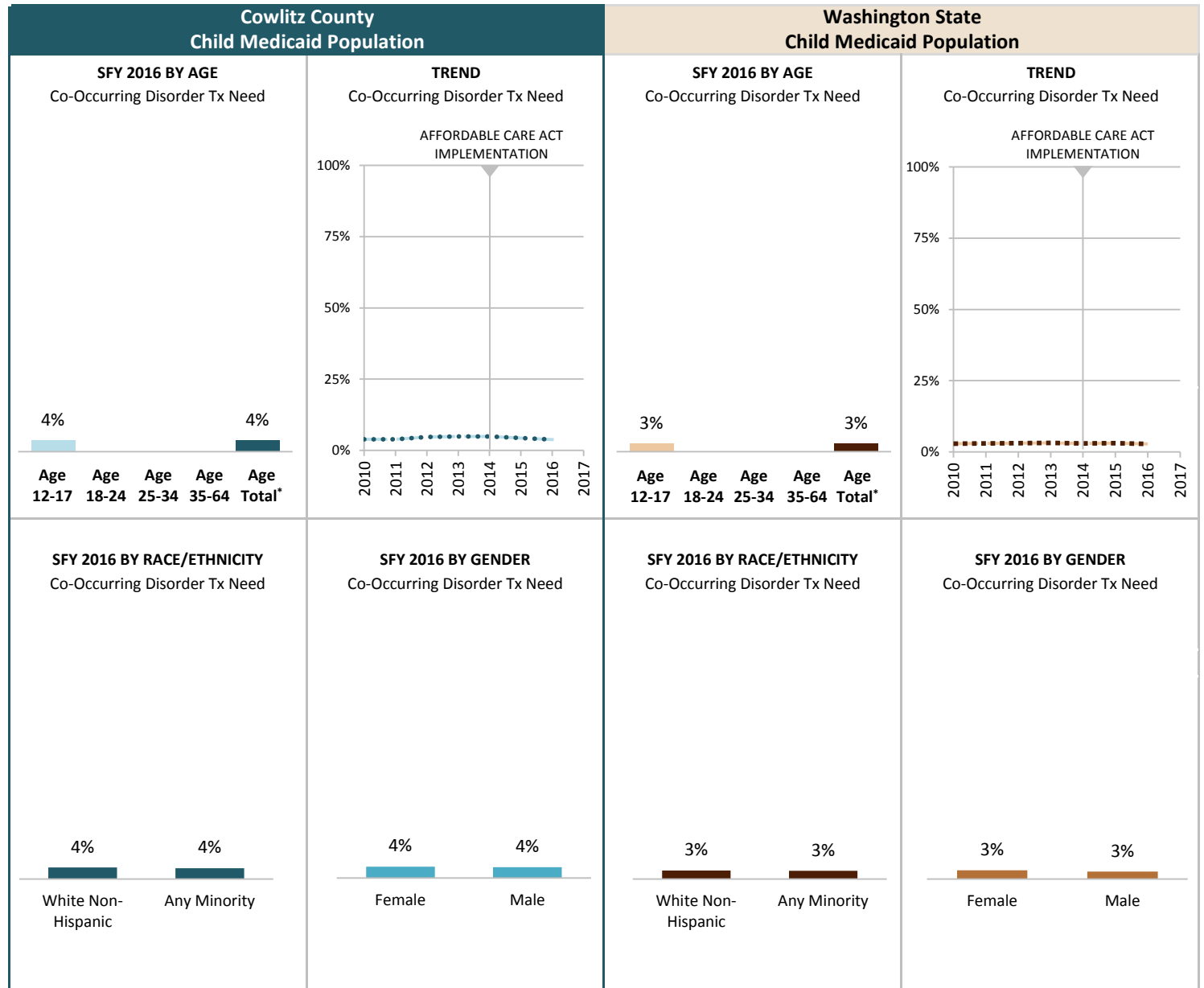
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/COD Tx Need</b>	<b>3.9%</b>	<b>3.9%</b>	<b>4.7%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>4.3%</b>	<b>3.9%</b>		<b>2.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.2%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>2.8%</b>	
Persons w/COD Tx Need	136	143	172	175	186	168	160		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Age 18-24 w/COD Tx Need</b>																
Persons w/COD Tx Need																
Total persons																
<b>Age 25-34 w/COD Tx Need</b>																
Persons w/COD Tx Need																
Total persons																
<b>Age 35-64 w/COD Tx Need</b>																
Persons w/COD Tx Need																
Total persons																
<b>Age Total<sup>1</sup> w/COD Tx Need</b>	<b>3.9%</b>	<b>3.9%</b>	<b>4.7%</b>	<b>4.9%</b>	<b>5.0%</b>	<b>4.3%</b>	<b>3.9%</b>		<b>2.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.2%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>2.8%</b>	
Persons w/COD Tx Need	136	143	172	175	186	168	160		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/COD Tx Need</b>	<b>12.2%</b>	<b>9.8%</b>	<b>10.1%</b>	<b>15.0%</b>	<b>17.4%</b>	<b>11.9%</b>	<b>8.3%</b>		<b>8.2%</b>	<b>8.1%</b>	<b>8.4%</b>	<b>8.7%</b>	<b>8.6%</b>	<b>8.5%</b>	<b>7.5%</b>	
Persons w/COD Tx Need	41	34	33	47	55	35	26		1,006	1,030	1,085	1,139	1,131	1,131	1,011	
Total persons	337	348	326	314	317	295	313		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
<b>Asian w/COD Tx Need</b>									<b>1.9%</b>	<b>1.8%</b>	<b>1.9%</b>	<b>2.1%</b>	<b>1.9%</b>	<b>1.9%</b>	<b>1.7%</b>	
Persons w/COD Tx Need									216	221	240	276	283	287	271	
Total persons	88	96	91	76	96	89	93		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
<b>Black w/COD Tx Need</b>					<b>10.0%</b>	<b>7.6%</b>			<b>3.4%</b>	<b>3.4%</b>	<b>3.7%</b>	<b>3.9%</b>	<b>4.0%</b>	<b>4.2%</b>	<b>3.8%</b>	
Persons w/COD Tx Need					15	11			607	642	712	781	826	897	837	
Total persons	136	149	148	128	150	144	150		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
<b>Hawaiian/PI w/COD Tx Need</b>									<b>2.2%</b>	<b>2.2%</b>	<b>2.1%</b>	<b>2.5%</b>	<b>2.5%</b>	<b>2.6%</b>	<b>2.2%</b>	
Persons w/COD Tx Need									143	162	162	198	215	237	220	
Total persons	54	70	65	57	69	55	78		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
<b>Hispanic w/COD Tx Need</b>	<b>2.7%</b>	<b>3.3%</b>	<b>3.9%</b>	<b>5.8%</b>	<b>4.7%</b>	<b>3.6%</b>	<b>2.6%</b>		<b>2.3%</b>	<b>2.5%</b>	<b>2.7%</b>	<b>2.8%</b>	<b>2.6%</b>	<b>2.6%</b>	<b>2.5%</b>	
Persons w/COD Tx Need	16	21	26	41	36	29	24		1,003	1,207	1,349	1,512	1,537	1,652	1,702	
Total persons	588	639	663	705	767	814	921		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
<b>White Only w/COD Tx Need</b>	<b>3.2%</b>	<b>3.6%</b>	<b>4.6%</b>	<b>3.8%</b>	<b>4.0%</b>	<b>3.9%</b>	<b>4.1%</b>		<b>3.1%</b>	<b>3.1%</b>	<b>3.2%</b>	<b>3.3%</b>	<b>3.1%</b>	<b>3.3%</b>	<b>3.0%</b>	
Persons w/COD Tx Need	75	86	112	90	97	99	106		2,320	2,489	2,611	2,698	2,760	2,935	2,824	
Total persons	2,346	2,408	2,411	2,373	2,432	2,527	2,611		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
<b>Any Minority w/COD Tx Need</b>	<b>5.7%</b>	<b>5.0%</b>	<b>5.3%</b>	<b>7.4%</b>	<b>7.1%</b>	<b>5.4%</b>	<b>3.8%</b>		<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	
Persons w/COD Tx Need	60	57	60	85	89	69	54		2,437	2,702	2,946	3,219	3,267	3,473	3,349	
Total persons	1,056	1,146	1,141	1,153	1,257	1,271	1,420		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
<b>Population by Gender</b>																
<b>Females w/COD Tx Need</b>	<b>3.4%</b>	<b>3.8%</b>	<b>4.1%</b>	<b>4.1%</b>	<b>4.4%</b>	<b>4.5%</b>	<b>4.0%</b>		<b>2.9%</b>	<b>2.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.1%</b>	<b>3.3%</b>	<b>3.0%</b>	
Persons w/COD Tx Need	59	69	74	74	84	88	84		2,322	2,461	2,631	2,825	3,022	3,373	3,299	
Total persons	1,725	1,821	1,811	1,794	1,897	1,968	2,109		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
<b>Males w/COD Tx Need</b>	<b>4.4%</b>	<b>4.1%</b>	<b>5.4%</b>	<b>5.6%</b>	<b>5.5%</b>	<b>4.2%</b>	<b>3.8%</b>		<b>3.0%</b>	<b>3.1%</b>	<b>3.3%</b>	<b>3.3%</b>	<b>3.0%</b>	<b>2.9%</b>	<b>2.6%</b>	
Persons w/COD Tx Need	77	74	98	101	102	80	76		2,444	2,737	2,933	3,101	3,017	3,049	2,901	
Total persons	1,757	1,817	1,818	1,791	1,858	1,909	2,025		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

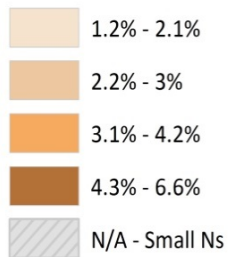
MARCH 2017

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.

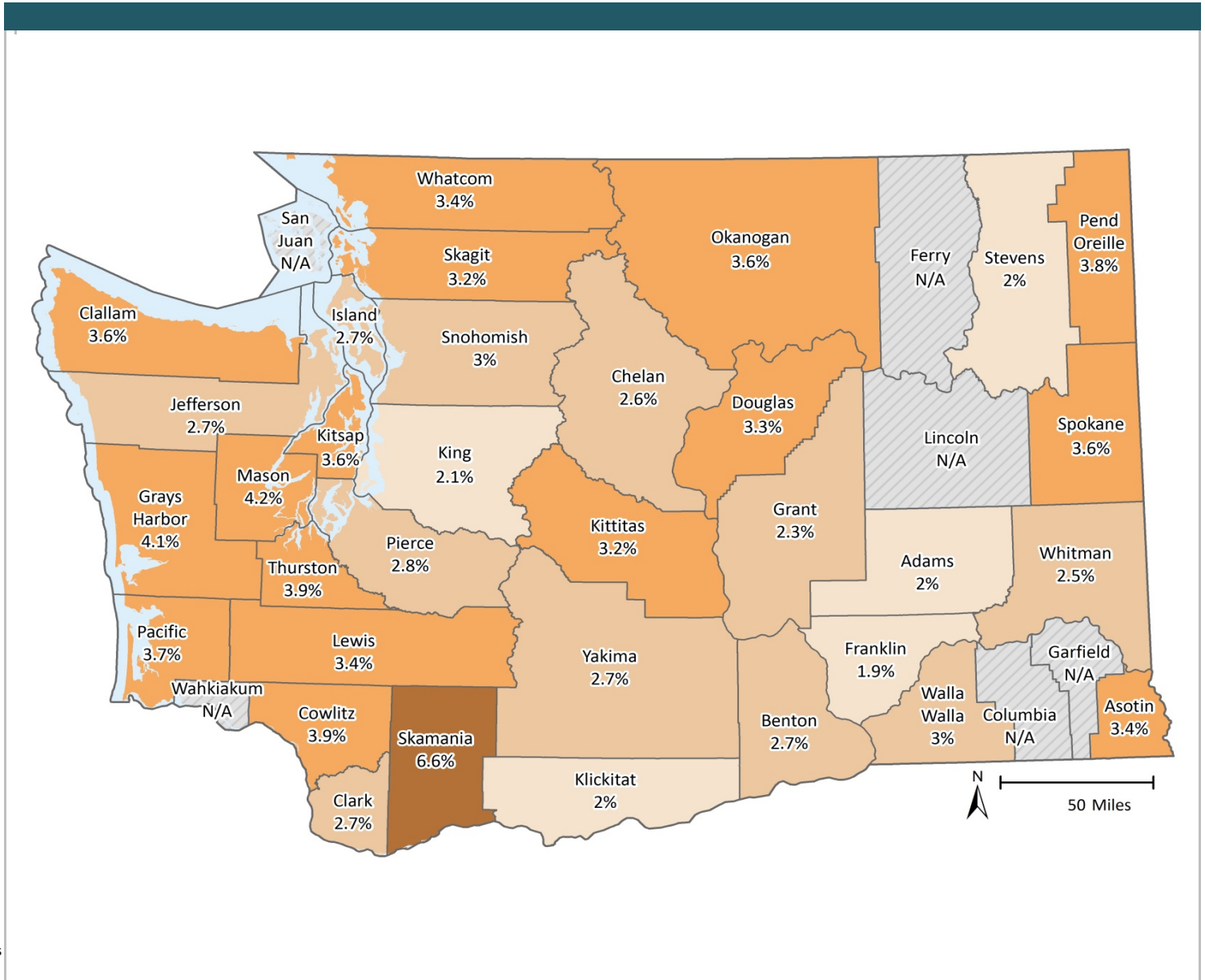
**Percent of Medicaid-Children with Co-Occurring Disorder Tx Need**



**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

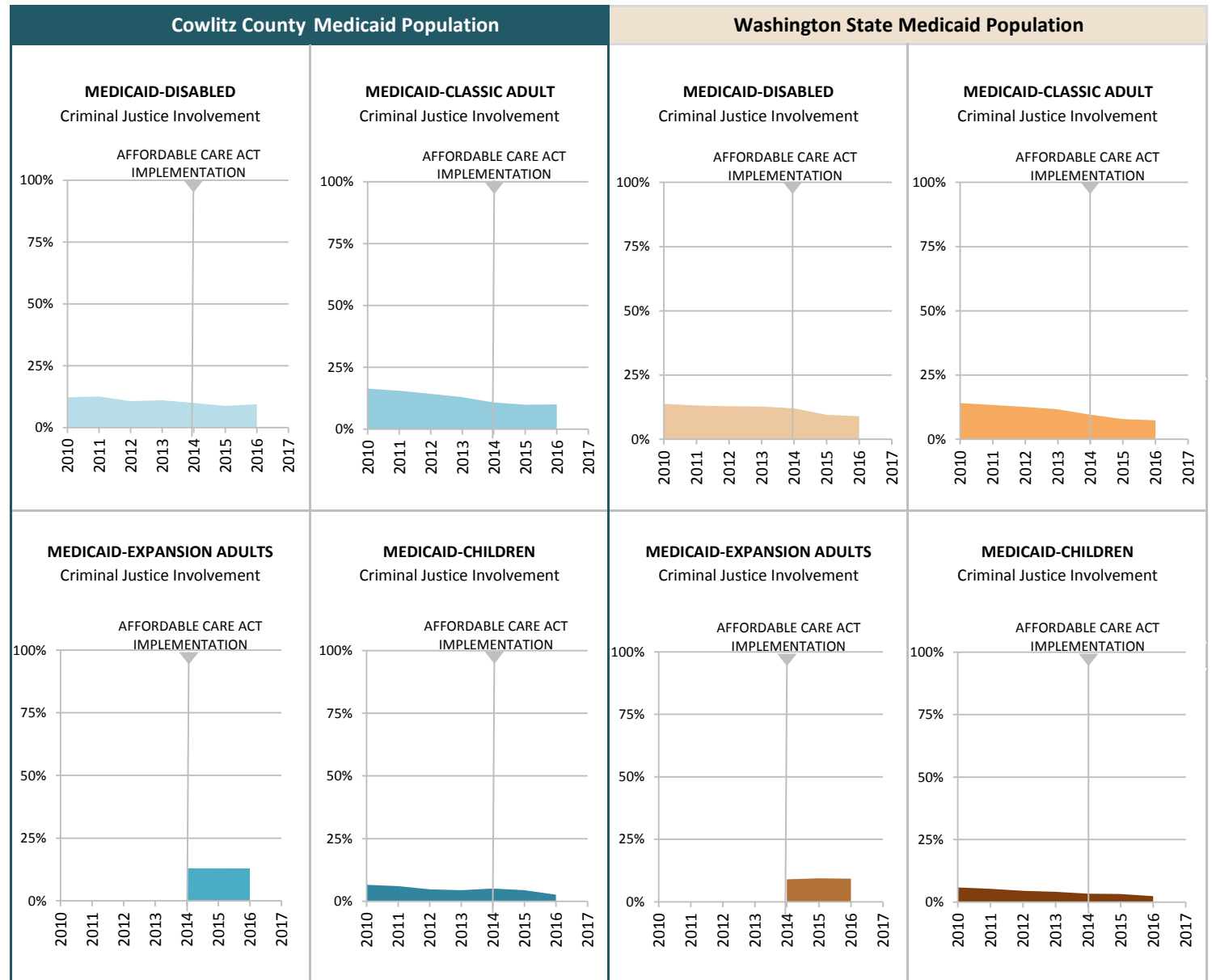
**STATE MEDICAID:**

- 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

	Cowlitz County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>by Medicaid Sub-Population</b>																
<b>Medicaid-Disabled</b>	<b>12.2%</b>	<b>12.5%</b>	<b>10.7%</b>	<b>11.0%</b>	<b>9.9%</b>	<b>8.7%</b>	<b>9.4%</b>		<b>13.8%</b>	<b>13.2%</b>	<b>12.9%</b>	<b>12.8%</b>	<b>12.0%</b>	<b>9.5%</b>	<b>9.0%</b>	
Persons w/CJ Involvement	366	402	352	382	328	243	262		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Medicaid-Classic Adults</b>	<b>16.3%</b>	<b>15.5%</b>	<b>14.2%</b>	<b>12.9%</b>	<b>10.8%</b>	<b>9.8%</b>	<b>10.0%</b>		<b>14.1%</b>	<b>13.4%</b>	<b>12.6%</b>	<b>11.7%</b>	<b>9.6%</b>	<b>7.9%</b>	<b>7.4%</b>	
Persons w/CJ Involvement	818	807	732	642	551	477	472		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>13.0%</b>	<b>12.9%</b>	<b>12.9%</b>						<b>9.0%</b>	<b>9.4%</b>	<b>9.2%</b>	
Persons w/CJ Involvement					843	1,460	1,707						32,382	56,183	61,932	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>6.6%</b>	<b>6.1%</b>	<b>4.8%</b>	<b>4.5%</b>	<b>5.1%</b>	<b>4.5%</b>	<b>2.7%</b>		<b>5.9%</b>	<b>5.3%</b>	<b>4.5%</b>	<b>4.1%</b>	<b>3.4%</b>	<b>3.2%</b>	<b>2.4%</b>	
Persons w/CJ Involvement	230	221	174	160	192	173	110		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		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.



# Cowlitz 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\*

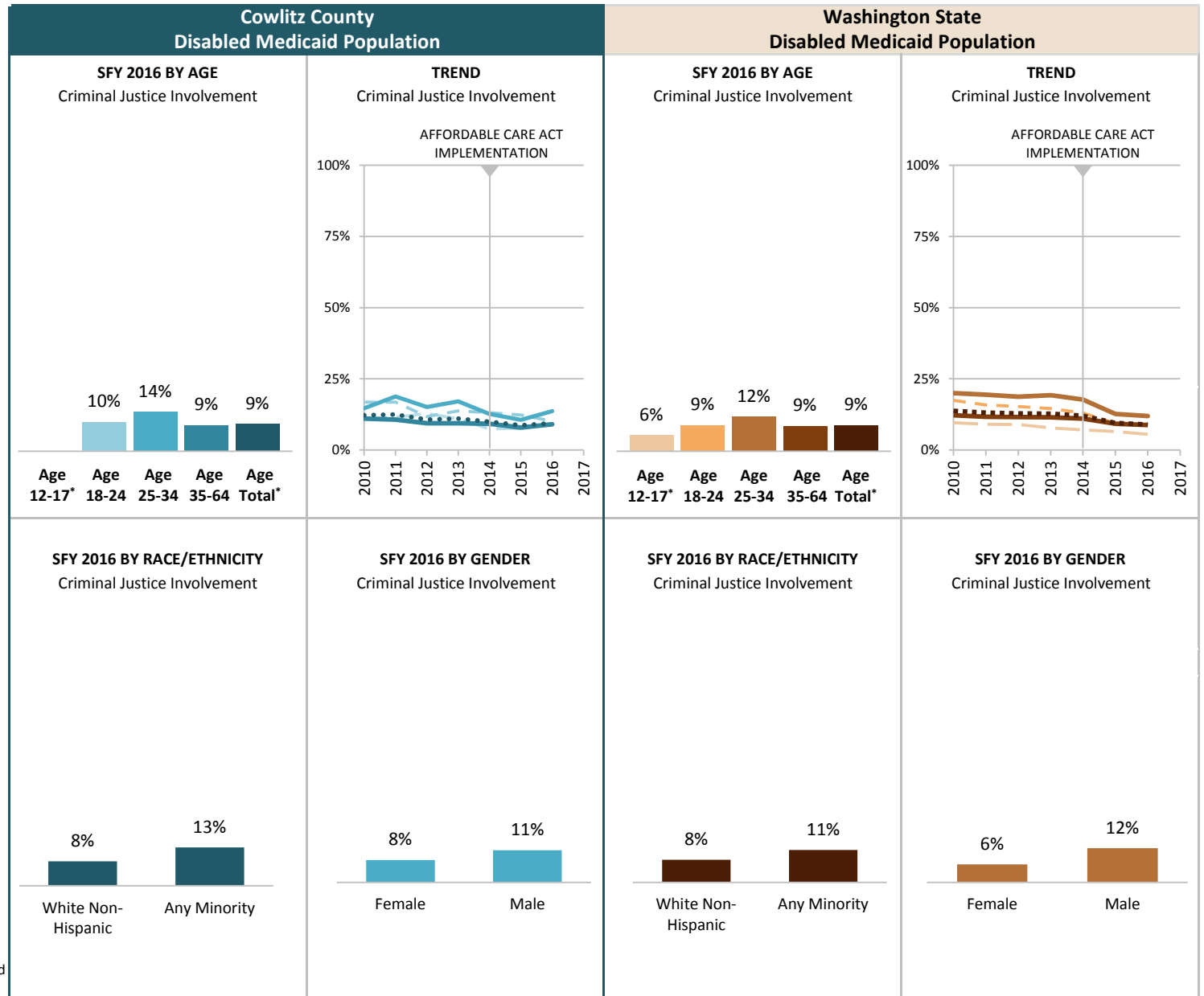
**STATE:**

- 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

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/CJ Involvement</b>	<b>11.0%</b>	<b>11.5%</b>	<b>12.8%</b>	<b>11.0%</b>	<b>7.5%</b>	<b>7.7%</b>			<b>9.6%</b>	<b>9.1%</b>	<b>9.0%</b>	<b>7.8%</b>	<b>7.1%</b>	<b>6.5%</b>	<b>5.6%</b>	
Persons w/CJ Involvement	23	25	29	26	20	21			610	598	623	566	523	485	435	
Total persons	209	218	226	237	268	272	247		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
<b>Age 18-24 w/CJ Involvement</b>	<b>16.9%</b>	<b>16.8%</b>	<b>11.8%</b>	<b>13.7%</b>	<b>13.1%</b>	<b>12.3%</b>	<b>10.1%</b>		<b>17.5%</b>	<b>15.9%</b>	<b>15.3%</b>	<b>14.6%</b>	<b>13.0%</b>	<b>9.3%</b>	<b>9.0%</b>	
Persons w/CJ Involvement	57	57	37	47	41	34	28		2,169	1,986	1,921	1,859	1,545	913	868	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/CJ Involvement</b>	<b>14.7%</b>	<b>18.8%</b>	<b>15.2%</b>	<b>17.1%</b>	<b>12.7%</b>	<b>10.6%</b>	<b>13.7%</b>		<b>20.0%</b>	<b>19.4%</b>	<b>18.7%</b>	<b>19.3%</b>	<b>17.7%</b>	<b>12.7%</b>	<b>12.0%</b>	
Persons w/CJ Involvement	62	84	70	81	58	42	54		3,380	3,397	3,437	3,740	3,260	1,728	1,631	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/CJ Involvement</b>	<b>11.0%</b>	<b>10.7%</b>	<b>9.4%</b>	<b>9.5%</b>	<b>9.2%</b>	<b>7.9%</b>	<b>9.1%</b>		<b>12.2%</b>	<b>11.7%</b>	<b>11.6%</b>	<b>11.5%</b>	<b>11.1%</b>	<b>9.2%</b>	<b>8.8%</b>	
Persons w/CJ Involvement	224	236	216	228	209	146	170		9,642	9,514	9,874	10,307	9,306	5,598	5,192	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>†</sup> w/CJ Involvement</b>	<b>12.2%</b>	<b>12.5%</b>	<b>10.7%</b>	<b>11.0%</b>	<b>9.9%</b>	<b>8.7%</b>	<b>9.4%</b>		<b>13.8%</b>	<b>13.2%</b>	<b>12.9%</b>	<b>12.8%</b>	<b>12.0%</b>	<b>9.5%</b>	<b>9.0%</b>	
Persons w/CJ Involvement	366	402	352	382	328	243	262		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	3,001	3,210	3,304	3,464	3,303	2,789	2,786		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/CJ Involvement</b>	<b>19.1%</b>	<b>20.5%</b>	<b>14.8%</b>	<b>16.4%</b>	<b>14.3%</b>	<b>13.3%</b>	<b>14.1%</b>		<b>20.4%</b>	<b>19.4%</b>	<b>18.7%</b>	<b>18.7%</b>	<b>17.8%</b>	<b>14.0%</b>	<b>14.1%</b>	
Persons w/CJ Involvement	70	81	68	89	76	54	56		2,380	2,329	2,321	2,422	2,183	1,334	1,307	
Total persons	367	396	459	543	532	406	396		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
<b>Asian w/CJ Involvement</b>									<b>8.8%</b>	<b>8.2%</b>	<b>8.4%</b>	<b>7.9%</b>	<b>7.8%</b>	<b>5.6%</b>	<b>5.1%</b>	
Persons w/CJ Involvement									507	486	507	500	461	255	226	
Total persons	39	38	37	39	42	32	31		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
<b>Black w/CJ Involvement</b>	<b>27.2%</b>	<b>25.3%</b>	<b>24.5%</b>	<b>22.9%</b>	<b>23.7%</b>	<b>25.3%</b>	<b>27.5%</b>		<b>22.7%</b>	<b>21.7%</b>	<b>20.8%</b>	<b>20.5%</b>	<b>19.8%</b>	<b>15.7%</b>	<b>15.1%</b>	
Persons w/CJ Involvement	22	19	23	22	23	21	22		3,182	3,196	3,279	3,424	3,176	1,943	1,868	
Total persons	81	75	94	96	97	83	80		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
<b>Hawaiian/PI w/CJ Involvement</b>									<b>12.7%</b>	<b>11.9%</b>	<b>11.9%</b>	<b>11.2%</b>	<b>10.3%</b>	<b>7.6%</b>	<b>7.5%</b>	
Persons w/CJ Involvement									295	298	311	317	284	160	157	
Total persons	19	16	21	21	26	27	24		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
<b>Hispanic w/CJ Involvement</b>	<b>13.3%</b>	<b>18.0%</b>	<b>10.8%</b>	<b>10.4%</b>	<b>12.5%</b>	<b>12.1%</b>			<b>14.1%</b>	<b>13.8%</b>	<b>13.2%</b>	<b>12.7%</b>	<b>12.4%</b>	<b>9.9%</b>	<b>8.8%</b>	
Persons w/CJ Involvement	16	25	16	18	21	17			1,269	1,340	1,411	1,464	1,361	862	785	
Total persons	120	139	148	173	168	141	153		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
<b>White Only w/CJ Involvement</b>	<b>10.8%</b>	<b>11.0%</b>	<b>9.6%</b>	<b>9.9%</b>	<b>8.6%</b>	<b>7.4%</b>	<b>8.3%</b>		<b>12.2%</b>	<b>11.5%</b>	<b>11.3%</b>	<b>11.3%</b>	<b>10.6%</b>	<b>8.3%</b>	<b>7.8%</b>	
Persons w/CJ Involvement	262	284	247	261	215	159	179		9,044	8,717	8,886	9,272	8,084	4,720	4,342	
Total persons	2,415	2,571	2,586	2,647	2,486	2,137	2,144		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
<b>Any Minority w/CJ Involvement</b>	<b>18.2%</b>	<b>19.4%</b>	<b>15.2%</b>	<b>15.2%</b>	<b>14.3%</b>	<b>13.5%</b>	<b>13.2%</b>		<b>17%</b>	<b>17%</b>	<b>16%</b>	<b>16%</b>	<b>15%</b>	<b>12%</b>	<b>11%</b>	
Persons w/CJ Involvement	103	117	104	120	112	84	81		6,712	6,723	6,906	7,135	6,503	3,970	3,747	
Total persons	565	602	685	790	785	624	615		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
<b>Population by Gender</b>																
<b>Females w/CJ Involvement</b>	<b>7.6%</b>	<b>9.4%</b>	<b>8.2%</b>	<b>7.9%</b>	<b>7.3%</b>	<b>7.5%</b>	<b>7.8%</b>		<b>9.2%</b>	<b>8.9%</b>	<b>8.6%</b>	<b>8.5%</b>	<b>7.9%</b>	<b>6.7%</b>	<b>6.2%</b>	
Persons w/CJ Involvement	124	163	149	146	127	111	115		5,307	5,309	5,287	5,421	4,694	3,056	2,757	
Total persons	1,623	1,742	1,809	1,851	1,743	1,484	1,473		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
<b>Males w/CJ Involvement</b>	<b>17.6%</b>	<b>16.3%</b>	<b>13.6%</b>	<b>14.6%</b>	<b>12.9%</b>	<b>10.1%</b>	<b>11.2%</b>		<b>18.5%</b>	<b>17.4%</b>	<b>17.1%</b>	<b>16.8%</b>	<b>16.0%</b>	<b>12.3%</b>	<b>11.8%</b>	
Persons w/CJ Involvement	242	239	203	236	201	132	147		10,494	10,186	10,568	11,051	9,940	5,668	5,369	
Total persons	1,378	1,468	1,495	1,613	1,560	1,305	1,313		56,603	58,414	61,776	65,594	62,069	45,905	45,684	

# Criminal Justice Involvement Rates

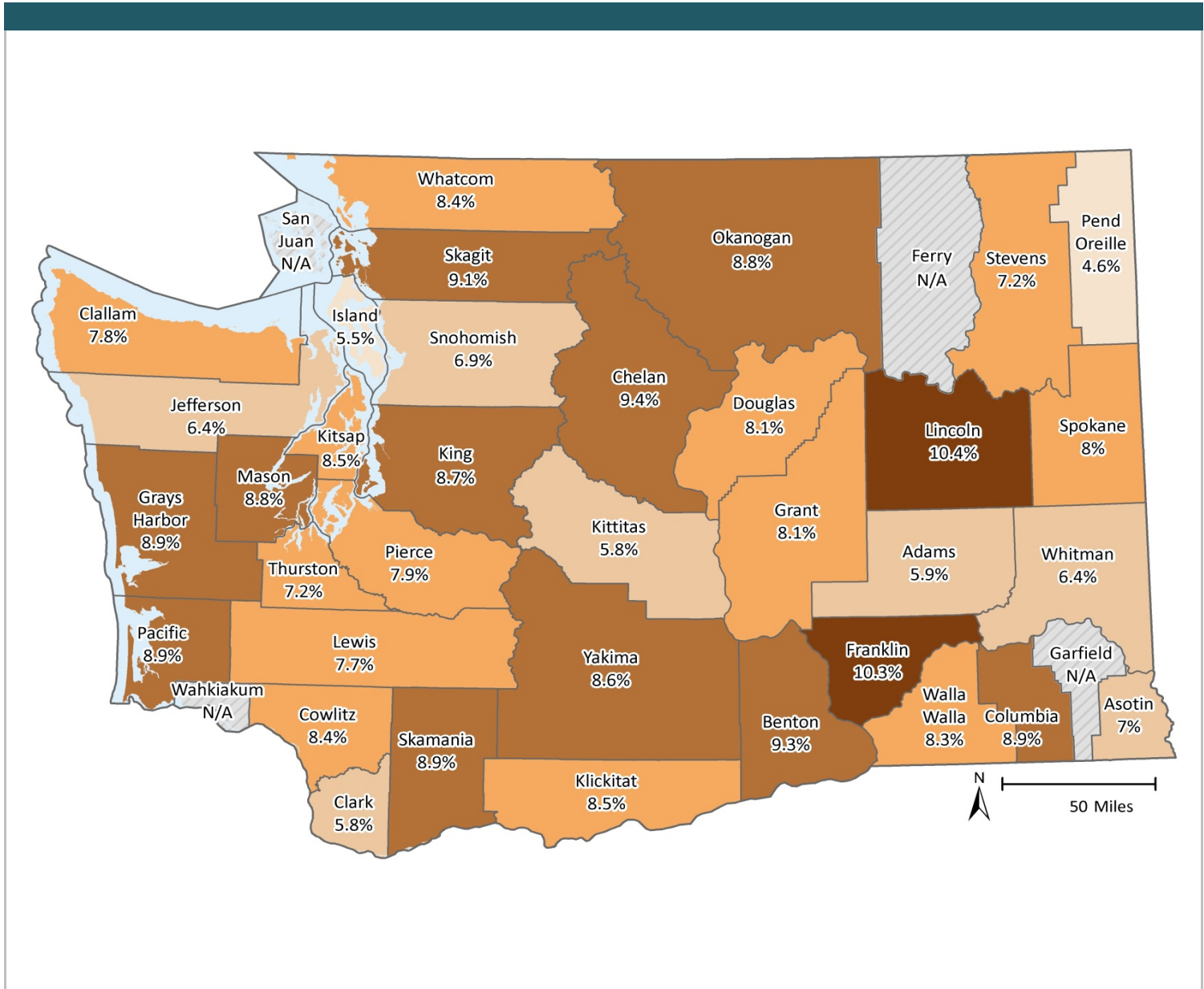
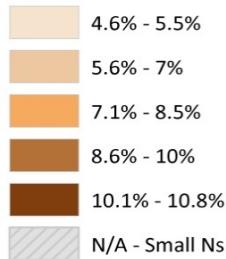
## Among Medicaid-Disabled Youth and Adults, by County

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\*

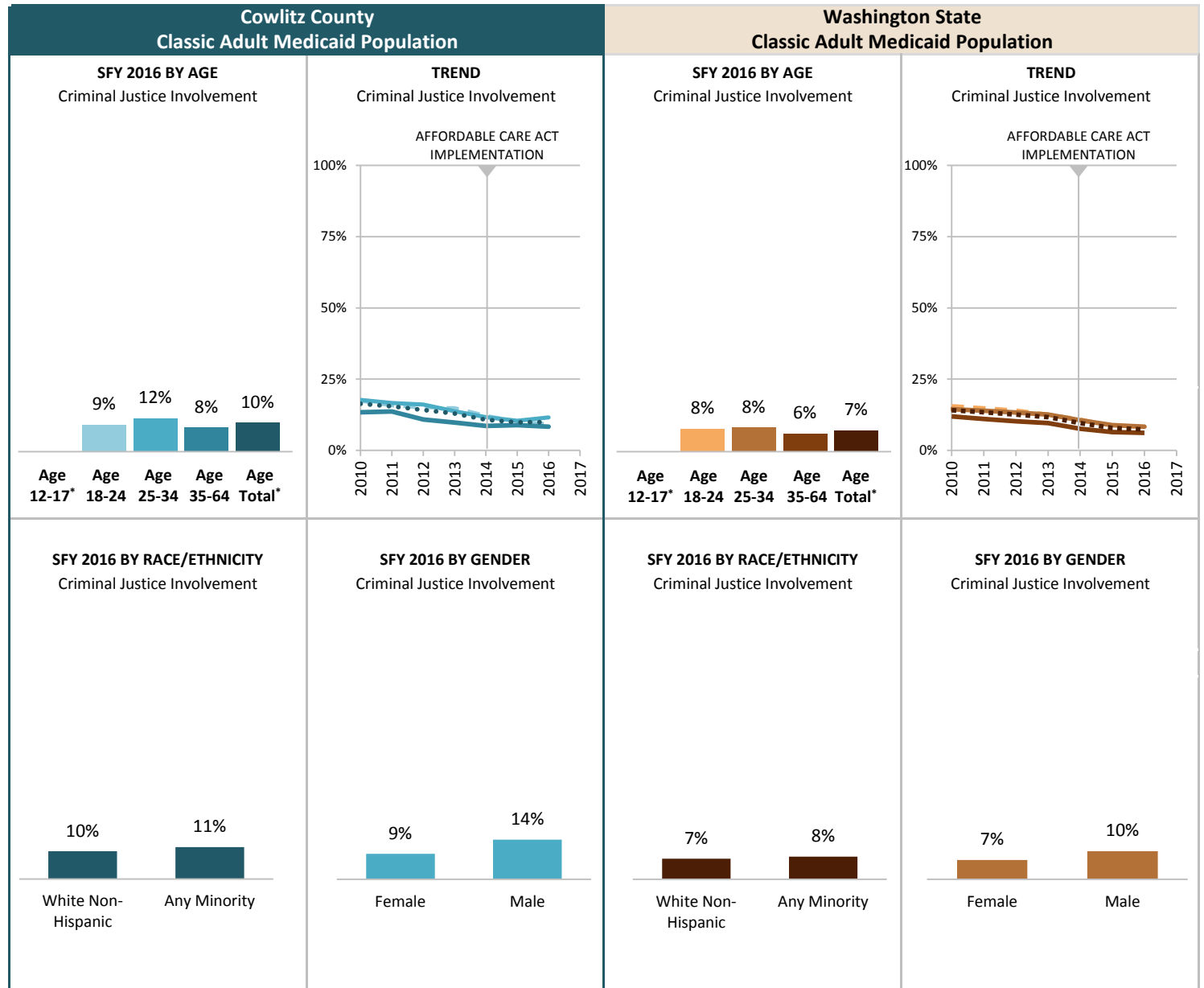
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/CJ Involvement</b>																
Persons w/CJ Involvement																
Total persons																
<b>Age 18-24 w/CJ Involvement</b>	<b>17.2%</b>	<b>15.7%</b>	<b>15.0%</b>	<b>15.0%</b>	<b>12.3%</b>	<b>10.2%</b>	<b>9.4%</b>	<b>15.7%</b>	<b>15.0%</b>	<b>14.2%</b>	<b>12.7%</b>	<b>11.1%</b>	<b>8.7%</b>	<b>8.0%</b>		
Persons w/CJ Involvement	257	232	212	198	134	91	70	8,439	7,983	7,124	5,956	4,651	3,024	2,382		
Total persons	1,490	1,481	1,418	1,321	1,086	890	748	53,642	53,226	50,282	46,798	42,062	34,728	29,874		
<b>Age 25-34 w/CJ Involvement</b>	<b>17.7%</b>	<b>16.6%</b>	<b>16.1%</b>	<b>13.8%</b>	<b>11.7%</b>	<b>10.5%</b>	<b>11.6%</b>	<b>14.5%</b>	<b>13.9%</b>	<b>13.3%</b>	<b>12.6%</b>	<b>10.6%</b>	<b>8.9%</b>	<b>8.3%</b>		
Persons w/CJ Involvement	369	367	356	299	266	224	248	11,497	11,820	11,327	10,668	9,545	8,141	7,290		
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143	79,426	84,872	85,154	84,954	89,881	91,384	87,322		
<b>Age 35-64 w/CJ Involvement</b>	<b>13.4%</b>	<b>13.7%</b>	<b>10.8%</b>	<b>9.8%</b>	<b>8.6%</b>	<b>8.9%</b>	<b>8.4%</b>	<b>12.0%</b>	<b>11.1%</b>	<b>10.3%</b>	<b>9.6%</b>	<b>7.6%</b>	<b>6.4%</b>	<b>6.2%</b>		
Persons w/CJ Involvement	192	208	164	145	151	162	154	6,476	6,470	6,166	5,834	5,858	5,576	5,307		
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843	54,048	58,368	59,987	60,533	77,257	86,785	85,486		
<b>Age Total<sup>†</sup> w/CJ Involvement</b>	<b>16.3%</b>	<b>15.5%</b>	<b>14.2%</b>	<b>12.9%</b>	<b>10.8%</b>	<b>9.8%</b>	<b>10.0%</b>	<b>14.1%</b>	<b>13.4%</b>	<b>12.6%</b>	<b>11.7%</b>	<b>9.6%</b>	<b>7.9%</b>	<b>7.4%</b>		
Persons w/CJ Involvement	818	807	732	642	551	477	472	26,412	26,273	24,617	22,458	20,054	16,741	14,979		
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734	187,116	196,466	195,423	192,285	209,200	212,897	202,682		
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/CJ Involvement</b>	<b>19.7%</b>	<b>18.1%</b>	<b>17.7%</b>	<b>17.2%</b>	<b>16.1%</b>	<b>16.1%</b>	<b>16.2%</b>	<b>23.3%</b>	<b>22.2%</b>	<b>21.3%</b>	<b>19.7%</b>	<b>17.6%</b>	<b>15.2%</b>	<b>14.6%</b>		
Persons w/CJ Involvement	94	87	81	81	76	66	65	3,665	3,568	3,389	3,068	2,731	2,241	2,018		
Total persons	476	481	457	471	471	409	402	15,724	16,055	15,880	15,536	15,526	14,748	13,780		
<b>Asian w/CJ Involvement</b>	<b>16.2%</b>		<b>11.4%</b>	<b>11.7%</b>	<b>11.1%</b>	<b>10.2%</b>	<b>20.7%</b>	<b>10.4%</b>	<b>9.6%</b>	<b>9.4%</b>	<b>8.0%</b>	<b>6.2%</b>	<b>5.0%</b>	<b>4.5%</b>		
Persons w/CJ Involvement	18		12	12	12	11	19	931	943	976	838	796	691	602		
Total persons	111	98	105	103	108	108	92	8,946	9,857	10,383	10,472	12,826	13,850	13,283		
<b>Black w/CJ Involvement</b>	<b>32.7%</b>	<b>23.7%</b>	<b>20.8%</b>	<b>23.2%</b>	<b>17.7%</b>	<b>19.2%</b>	<b>12.9%</b>	<b>19.2%</b>	<b>17.8%</b>	<b>16.6%</b>	<b>15.2%</b>	<b>13.3%</b>	<b>10.9%</b>	<b>9.8%</b>		
Persons w/CJ Involvement	36	28	27	29	25	25	18	3,932	3,913	3,721	3,416	3,100	2,467	2,076		
Total persons	110	118	130	125	141	130	140	20,472	22,019	22,359	22,509	23,300	22,608	21,247		
<b>Hawaiian/PI w/CJ Involvement</b>	<b>22.4%</b>							<b>12.9%</b>	<b>12.2%</b>	<b>11.7%</b>	<b>9.5%</b>	<b>8.1%</b>	<b>6.5%</b>	<b>5.9%</b>		
Persons w/CJ Involvement	13							848	878	894	760	748	649	568		
Total persons	58	59	48	50	69	78	91	6,597	7,206	7,668	8,012	9,280	10,049	9,680		
<b>Hispanic w/CJ Involvement</b>	<b>15.0%</b>	<b>17.0%</b>	<b>12.8%</b>	<b>12.3%</b>	<b>9.2%</b>	<b>11.0%</b>	<b>6.7%</b>	<b>13.9%</b>	<b>13.7%</b>	<b>12.9%</b>	<b>12.2%</b>	<b>9.5%</b>	<b>7.7%</b>	<b>7.0%</b>		
Persons w/CJ Involvement	58	75	57	56	45	50	30	3,888	4,127	4,010	3,792	3,504	2,959	2,586		
Total persons	386	442	444	456	489	454	448	27,981	30,192	31,042	31,071	36,696	38,578	36,904		
<b>White Only w/CJ Involvement</b>	<b>16.0%</b>	<b>15.3%</b>	<b>14.2%</b>	<b>12.7%</b>	<b>10.2%</b>	<b>9.4%</b>	<b>9.8%</b>	<b>13.3%</b>	<b>12.6%</b>	<b>11.8%</b>	<b>11.1%</b>	<b>9.0%</b>	<b>7.6%</b>	<b>7.3%</b>		
Persons w/CJ Involvement	624	617	563	489	400	351	354	14,551	14,305	13,221	12,069	10,538	8,895	8,099		
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623	109,240	113,562	111,810	109,193	116,622	117,491	111,271		
<b>Any Minority w/CJ Involvement</b>	<b>18.6%</b>	<b>17.5%</b>	<b>15.6%</b>	<b>14.1%</b>	<b>13.1%</b>	<b>12.1%</b>	<b>11.2%</b>	<b>16%</b>	<b>15%</b>	<b>14%</b>	<b>13%</b>	<b>11%</b>	<b>9%</b>	<b>8%</b>		
Persons w/CJ Involvement	189	187	165	149	147	126	117	11,590	11,738	11,206	10,252	9,400	7,749	6,782		
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045	71,412	76,204	77,640	77,666	87,020	89,353	84,953		
<b>Population by Gender</b>																
<b>Females w/CJ Involvement</b>	<b>13.9%</b>	<b>12.7%</b>	<b>12.4%</b>	<b>10.9%</b>	<b>9.3%</b>	<b>9.4%</b>	<b>8.9%</b>	<b>11.7%</b>	<b>11.2%</b>	<b>10.5%</b>	<b>9.8%</b>	<b>8.3%</b>	<b>7.1%</b>	<b>6.7%</b>		
Persons w/CJ Involvement	517	483	471	400	354	353	330	16,960	16,967	15,867	14,617	13,376	11,812	10,694		
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708	145,117	150,966	150,554	149,017	160,506	165,344	158,994		
<b>Males w/CJ Involvement</b>	<b>23.4%</b>	<b>22.8%</b>	<b>19.6%</b>	<b>18.5%</b>	<b>15.1%</b>	<b>11.2%</b>	<b>13.8%</b>	<b>22.5%</b>	<b>20.5%</b>	<b>19.5%</b>	<b>18.1%</b>	<b>13.7%</b>	<b>10.4%</b>	<b>9.8%</b>		
Persons w/CJ Involvement	301	324	261	242	197	124	142	9,452	9,306	8,750	7,841	6,678	4,929	4,285		
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026	41,999	45,500	44,869	43,268	48,694	47,553	43,688		

# Criminal Justice Involvement Rates

## Among Medicaid-Classic Adults, by County

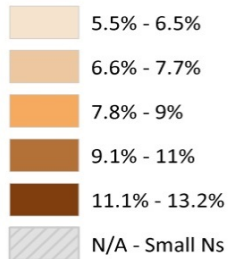
MARCH 2017

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.

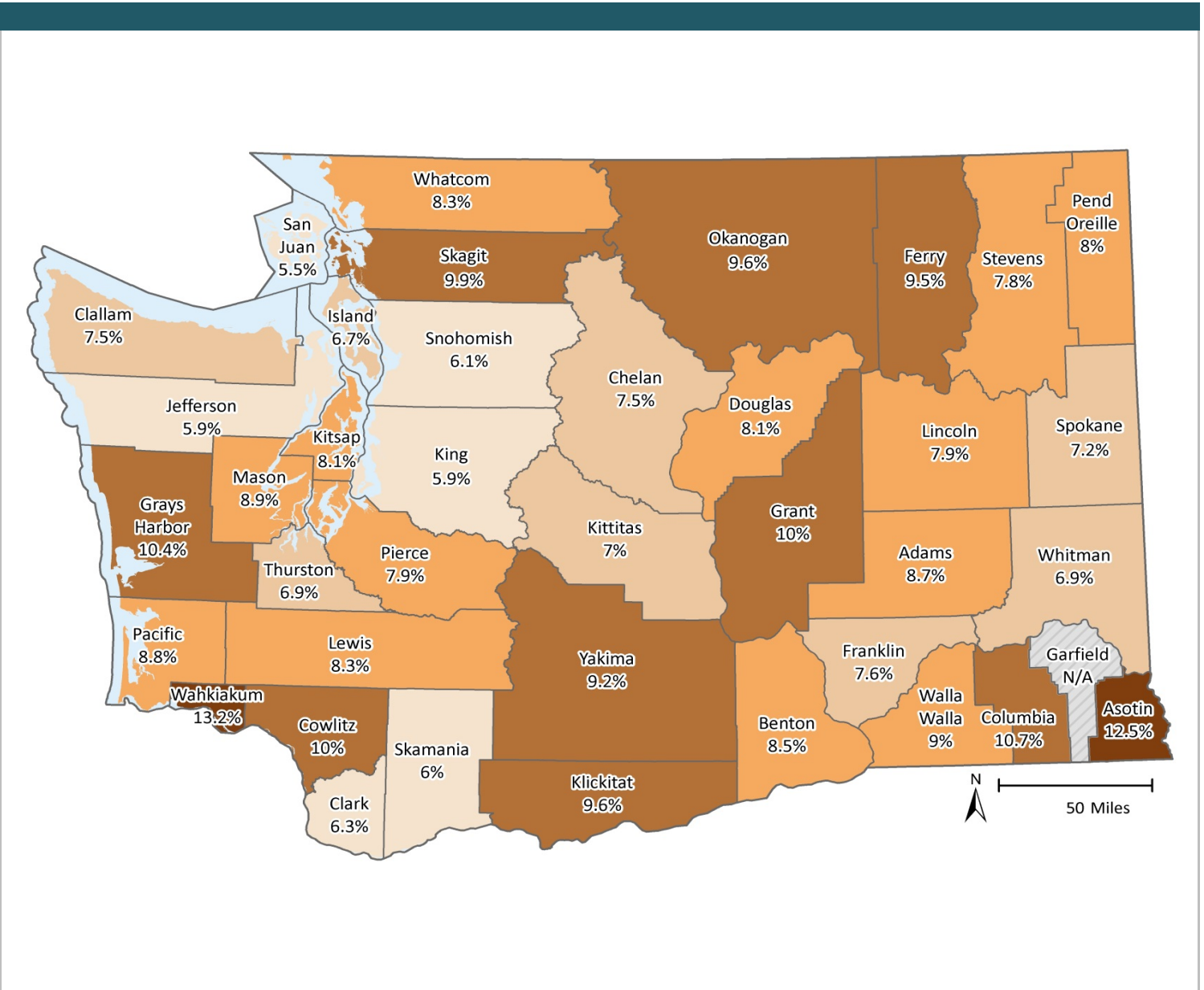
**Percent of Medicaid-Classic Adults with Criminal Justice Involvement**



**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\*

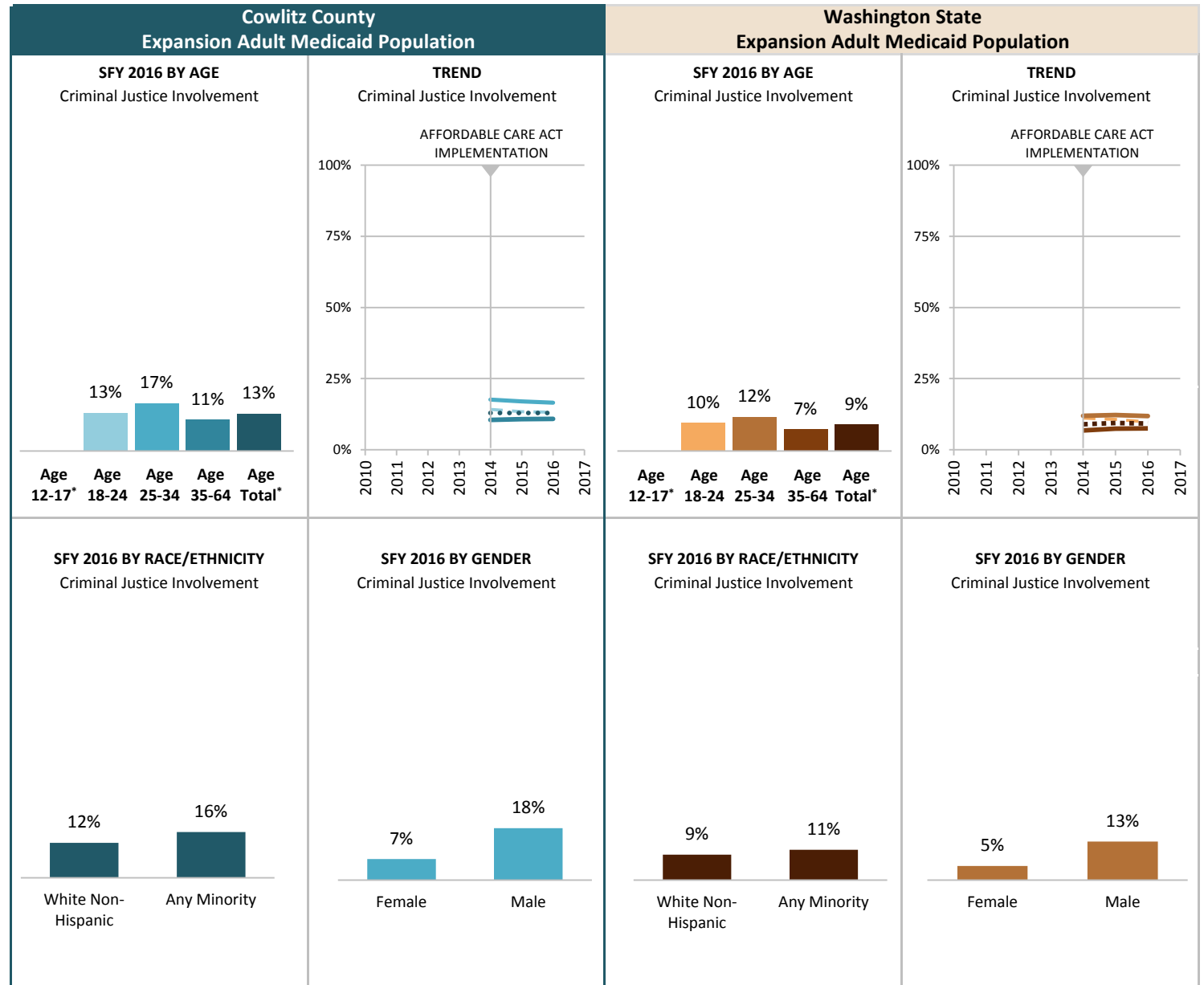
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/CJ Involvement</b>																
Persons w/CJ Involvement																
Total persons																
<b>Age 18-24 w/CJ Involvement</b>					<b>14.2%</b>	<b>13.4%</b>	<b>13.2%</b>						<b>11.2%</b>	<b>10.7%</b>	<b>9.8%</b>	
Persons w/CJ Involvement					143	259	302						6,674	11,052	11,751	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/CJ Involvement</b>					<b>17.6%</b>	<b>17.0%</b>	<b>16.6%</b>						<b>12.0%</b>	<b>12.2%</b>	<b>11.9%</b>	
Persons w/CJ Involvement					299	521	632						12,268	21,609	24,337	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/CJ Involvement</b>					<b>10.5%</b>	<b>10.8%</b>	<b>10.8%</b>						<b>6.8%</b>	<b>7.4%</b>	<b>7.5%</b>	
Persons w/CJ Involvement					401	680	773						13,440	23,522	25,844	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>†</sup> w/CJ Involvement</b>					<b>13.0%</b>	<b>12.9%</b>	<b>12.9%</b>						<b>9.0%</b>	<b>9.4%</b>	<b>9.2%</b>	
Persons w/CJ Involvement					843	1,460	1,707						32,382	56,183	61,932	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/CJ Involvement</b>					<b>21.9%</b>	<b>19.4%</b>	<b>21.1%</b>						<b>21.4%</b>	<b>21.3%</b>	<b>19.8%</b>	
Persons w/CJ Involvement					144	214	250						3,599	6,462	6,981	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/CJ Involvement</b>					<b>9.4%</b>	<b>11.3%</b>	<b>12.5%</b>						<b>4.1%</b>	<b>4.7%</b>	<b>4.7%</b>	
Persons w/CJ Involvement					15	27	36						1,365	2,290	2,430	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/CJ Involvement</b>					<b>22.0%</b>	<b>19.3%</b>	<b>19.5%</b>						<b>14.9%</b>	<b>15.7%</b>	<b>15.4%</b>	
Persons w/CJ Involvement					29	51	62						4,205	7,707	8,631	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/CJ Involvement</b>						<b>12.8%</b>	<b>17.5%</b>						<b>8.0%</b>	<b>8.0%</b>	<b>7.8%</b>	
Persons w/CJ Involvement						19	34						917	1,629	1,830	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/CJ Involvement</b>					<b>12.1%</b>	<b>11.5%</b>	<b>11.4%</b>						<b>8.5%</b>	<b>9.2%</b>	<b>9.3%</b>	
Persons w/CJ Involvement					61	105	131						4,450	7,829	9,022	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/CJ Involvement</b>					<b>12.3%</b>	<b>12.6%</b>	<b>12.3%</b>						<b>8.9%</b>	<b>9.1%</b>	<b>8.9%</b>	
Persons w/CJ Involvement					611	1,085	1,234						19,312	32,907	35,892	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/CJ Involvement</b>					<b>16.4%</b>	<b>15.1%</b>	<b>16.0%</b>						<b>10%</b>	<b>11%</b>	<b>11%</b>	
Persons w/CJ Involvement					232	367	453						12,841	22,753	25,401	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/CJ Involvement</b>					<b>8.0%</b>	<b>7.6%</b>	<b>7.3%</b>						<b>4.8%</b>	<b>5.0%</b>	<b>4.9%</b>	
Persons w/CJ Involvement					258	410	464						8,688	14,742	16,055	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/CJ Involvement</b>					<b>17.7%</b>	<b>17.9%</b>	<b>18.0%</b>						<b>13.1%</b>	<b>13.6%</b>	<b>13.4%</b>	
Persons w/CJ Involvement					585	1,050	1,243						23,694	41,441	45,877	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

# Criminal Justice Involvement Rates

## Among Medicaid-Expansion Adults, by County

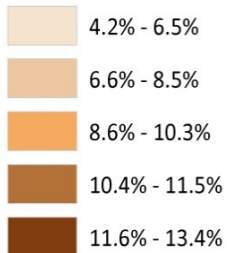
MARCH 2017

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.

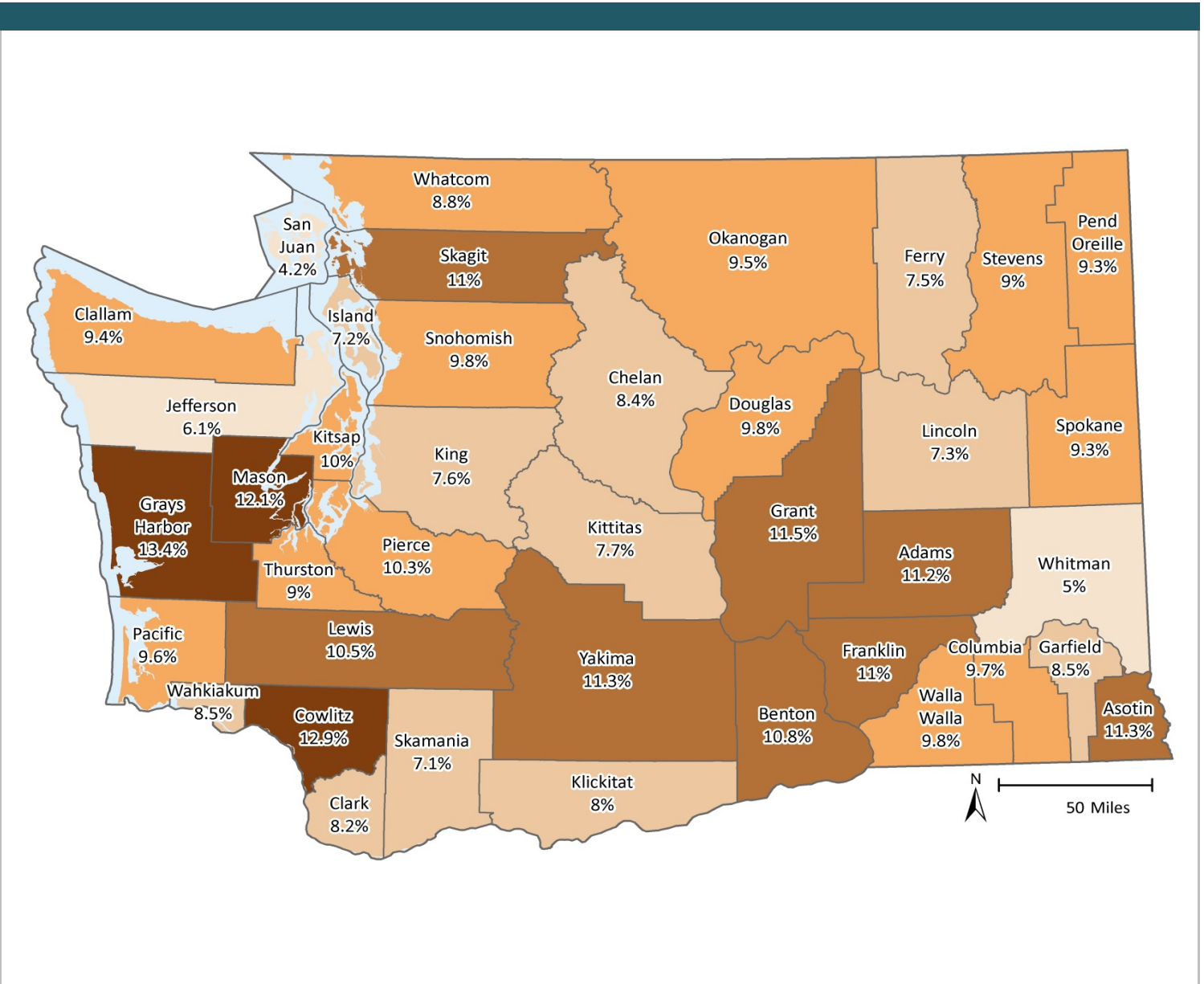
**Percent of Medicaid-Expansion Adults with Criminal Justice Involvement**



**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\*

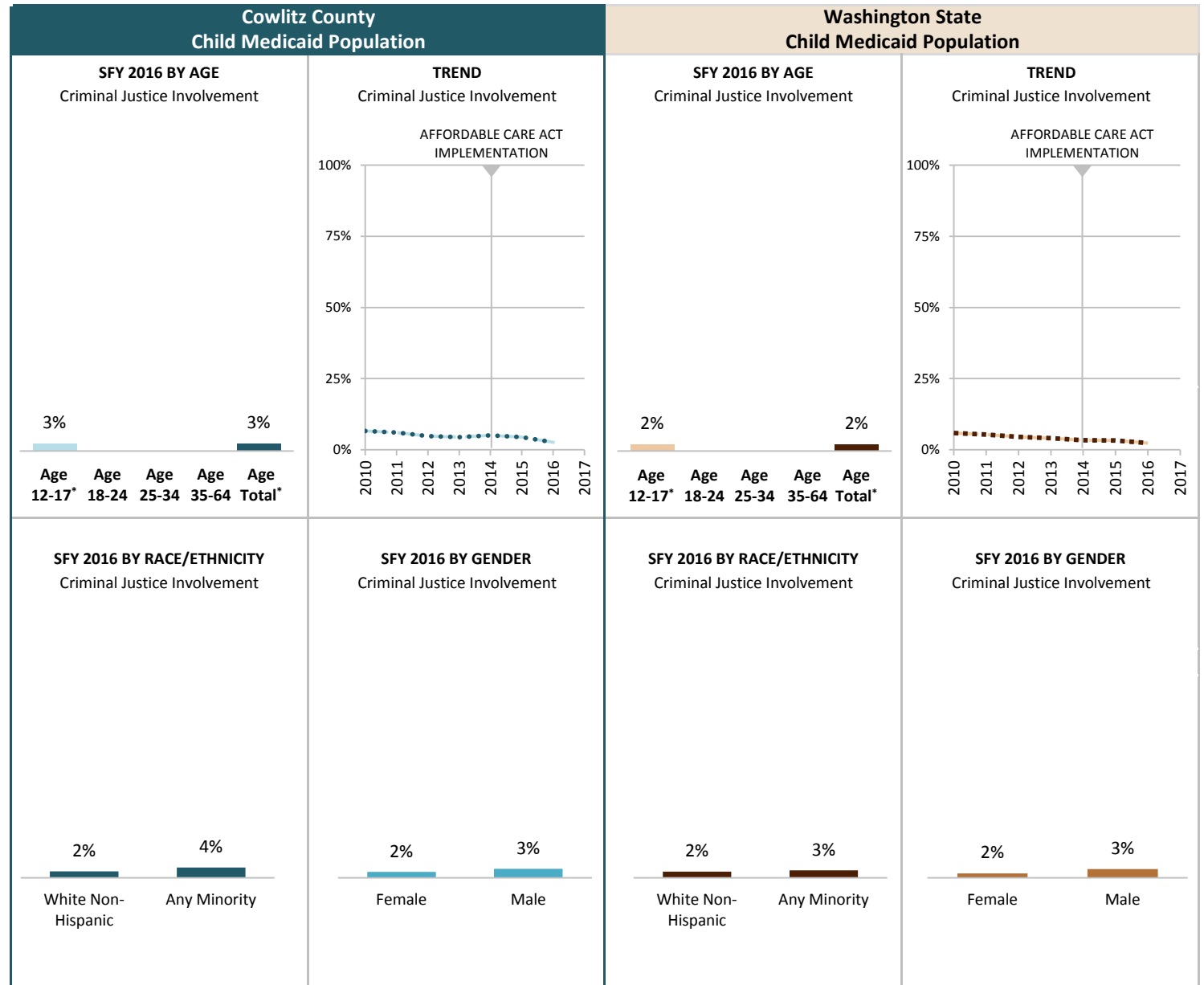
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 12-17 w/CJ Involvement</b>	<b>6.6%</b>	<b>6.1%</b>	<b>4.8%</b>	<b>4.5%</b>	<b>5.1%</b>	<b>4.5%</b>	<b>2.7%</b>		<b>5.9%</b>	<b>5.3%</b>	<b>4.5%</b>	<b>4.1%</b>	<b>3.4%</b>	<b>3.2%</b>	<b>2.4%</b>	
Persons w/CJ Involvement	230	221	174	160	192	173	110		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Age 18-24 w/CJ Involvement</b>																
Persons w/CJ Involvement																
Total persons																
<b>Age 25-34 w/CJ Involvement</b>																
Persons w/CJ Involvement																
Total persons																
<b>Age 35-64 w/CJ Involvement</b>																
Persons w/CJ Involvement																
Total persons																
<b>Age Total<sup>†</sup> w/CJ Involvement</b>	<b>6.6%</b>	<b>6.1%</b>	<b>4.8%</b>	<b>4.5%</b>	<b>5.1%</b>	<b>4.5%</b>	<b>2.7%</b>		<b>5.9%</b>	<b>5.3%</b>	<b>4.5%</b>	<b>4.1%</b>	<b>3.4%</b>	<b>3.2%</b>	<b>2.4%</b>	
Persons w/CJ Involvement	230	221	174	160	192	173	110		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	3,482	3,638	3,629	3,585	3,755	3,877	4,134		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/CJ Involvement</b>	<b>13.1%</b>	<b>12.6%</b>	<b>12.3%</b>	<b>9.2%</b>	<b>12.9%</b>	<b>8.5%</b>	<b>5.4%</b>		<b>10.4%</b>	<b>9.3%</b>	<b>8.5%</b>	<b>8.2%</b>	<b>7.1%</b>	<b>7.0%</b>	<b>5.2%</b>	
Persons w/CJ Involvement	44	44	40	29	41	25	17		1,269	1,186	1,094	1,072	931	923	709	
Total persons	337	348	326	314	317	295	313		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
<b>Asian w/CJ Involvement</b>									<b>3.8%</b>	<b>3.5%</b>	<b>3.0%</b>	<b>2.5%</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.2%</b>	
Persons w/CJ Involvement									426	428	375	324	261	271	193	
Total persons	88	96	91	76	96	89	93		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
<b>Black w/CJ Involvement</b>	<b>11.0%</b>	<b>8.1%</b>			<b>8.7%</b>	<b>11.8%</b>			<b>8.7%</b>	<b>7.7%</b>	<b>6.9%</b>	<b>6.4%</b>	<b>5.5%</b>	<b>5.4%</b>	<b>4.5%</b>	
Persons w/CJ Involvement	15	12			13	17			1,548	1,426	1,324	1,283	1,142	1,145	997	
Total persons	136	149	148	128	150	144	150		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
<b>Hawaiian/PI w/CJ Involvement</b>									<b>4.8%</b>	<b>4.3%</b>	<b>4.1%</b>	<b>3.7%</b>	<b>2.9%</b>	<b>3.0%</b>	<b>2.2%</b>	
Persons w/CJ Involvement									315	313	318	297	251	276	212	
Total persons	54	70	65	57	69	55	78		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
<b>Hispanic w/CJ Involvement</b>	<b>6.8%</b>	<b>6.1%</b>	<b>5.6%</b>	<b>3.8%</b>	<b>4.6%</b>	<b>4.8%</b>	<b>2.6%</b>		<b>6.1%</b>	<b>5.7%</b>	<b>4.7%</b>	<b>4.1%</b>	<b>3.3%</b>	<b>3.2%</b>	<b>2.3%</b>	
Persons w/CJ Involvement	40	39	37	27	35	39	24		2,681	2,715	2,383	2,191	1,944	2,006	1,564	
Total persons	588	639	663	705	767	814	921		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
<b>White Only w/CJ Involvement</b>	<b>6.1%</b>	<b>5.6%</b>	<b>3.8%</b>	<b>4.3%</b>	<b>4.5%</b>	<b>4.0%</b>	<b>2.2%</b>		<b>5.4%</b>	<b>5.0%</b>	<b>4.1%</b>	<b>3.9%</b>	<b>3.2%</b>	<b>3.1%</b>	<b>2.2%</b>	
Persons w/CJ Involvement	143	136	92	101	110	100	58		4,088	3,971	3,367	3,168	2,781	2,795	2,075	
Total persons	2,346	2,408	2,411	2,373	2,432	2,527	2,611		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
<b>Any Minority w/CJ Involvement</b>	<b>8.2%</b>	<b>7.3%</b>	<b>7.1%</b>	<b>5.1%</b>	<b>6.4%</b>	<b>5.7%</b>	<b>3.6%</b>		<b>7%</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>4%</b>	<b>4%</b>	<b>3%</b>	
Persons w/CJ Involvement	87	84	81	59	80	72	51		5,388	5,196	4,684	4,395	3,874	3,901	3,099	
Total persons	1,056	1,146	1,141	1,153	1,257	1,271	1,420		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
<b>Population by Gender</b>																
<b>Females w/CJ Involvement</b>	<b>4.2%</b>	<b>4.1%</b>	<b>2.9%</b>	<b>2.5%</b>	<b>3.8%</b>	<b>3.7%</b>	<b>2.1%</b>		<b>4.2%</b>	<b>3.8%</b>	<b>3.2%</b>	<b>2.9%</b>	<b>2.4%</b>	<b>2.3%</b>	<b>1.6%</b>	
Persons w/CJ Involvement	73	75	53	44	72	72	45		3,439	3,277	2,817	2,651	2,324	2,329	1,751	
Total persons	1,725	1,821	1,811	1,794	1,897	1,968	2,109		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
<b>Males w/CJ Involvement</b>	<b>8.9%</b>	<b>8.0%</b>	<b>6.7%</b>	<b>6.5%</b>	<b>6.5%</b>	<b>5.3%</b>	<b>3.2%</b>		<b>7.5%</b>	<b>6.8%</b>	<b>5.9%</b>	<b>5.3%</b>	<b>4.4%</b>	<b>4.2%</b>	<b>3.1%</b>	
Persons w/CJ Involvement	157	146	121	116	120	101	65		6,103	5,960	5,282	4,941	4,378	4,411	3,458	
Total persons	1,757	1,817	1,818	1,791	1,858	1,909	2,025		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

# Criminal Justice Involvement Rates Among Medicaid-Children, by County

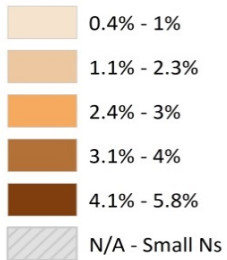
MARCH 2017

SFY 2016

**INDICATOR**

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

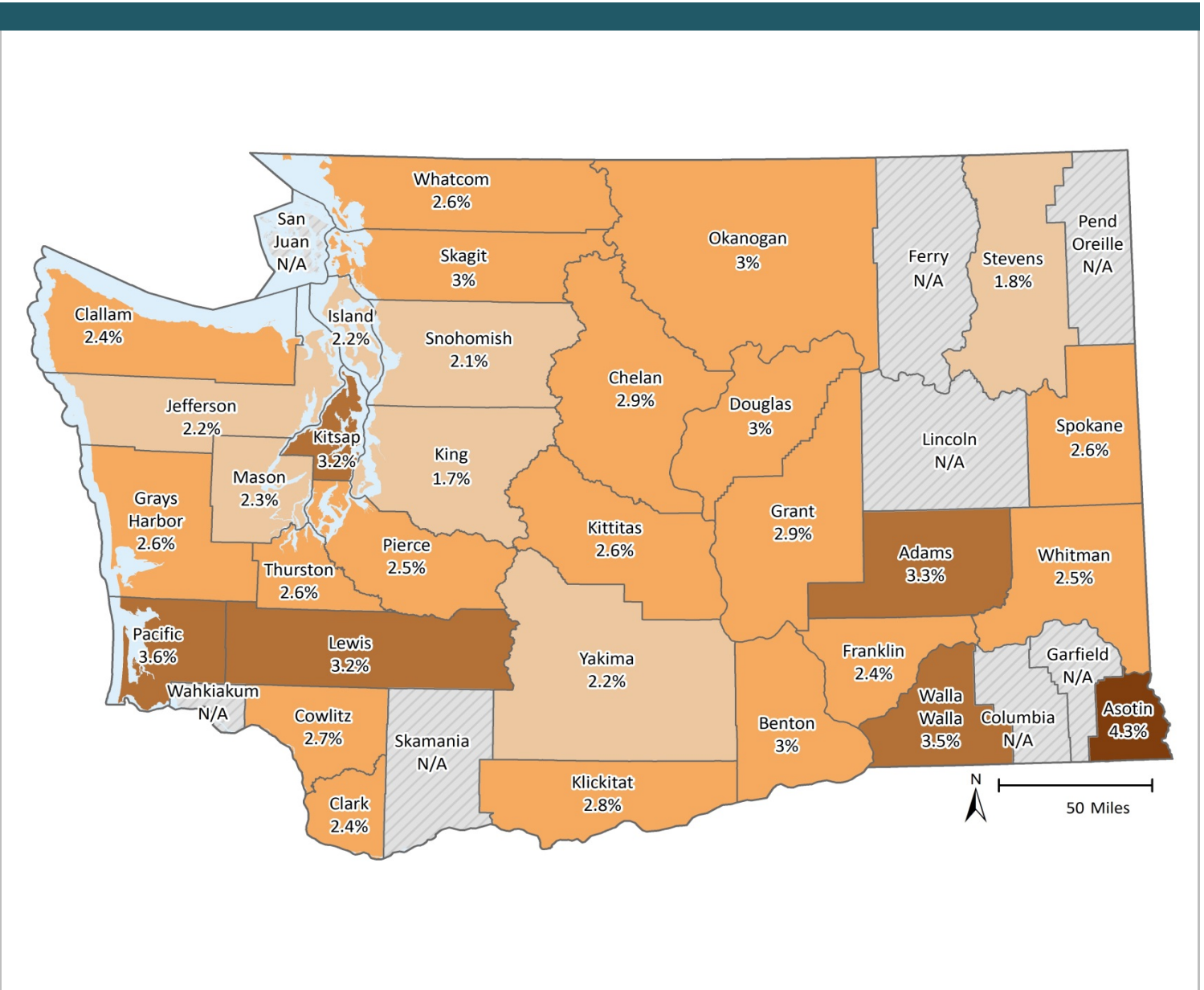
**Percent of Medicaid-Children with Criminal Justice Involvement**



**SOURCE & POPULATION**

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

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





### Psychotropic Polypharmacy

**INDICATOR**

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

**COUNTY:**

- Disabled
- Classic Adults
- Expansion Adults
- Children

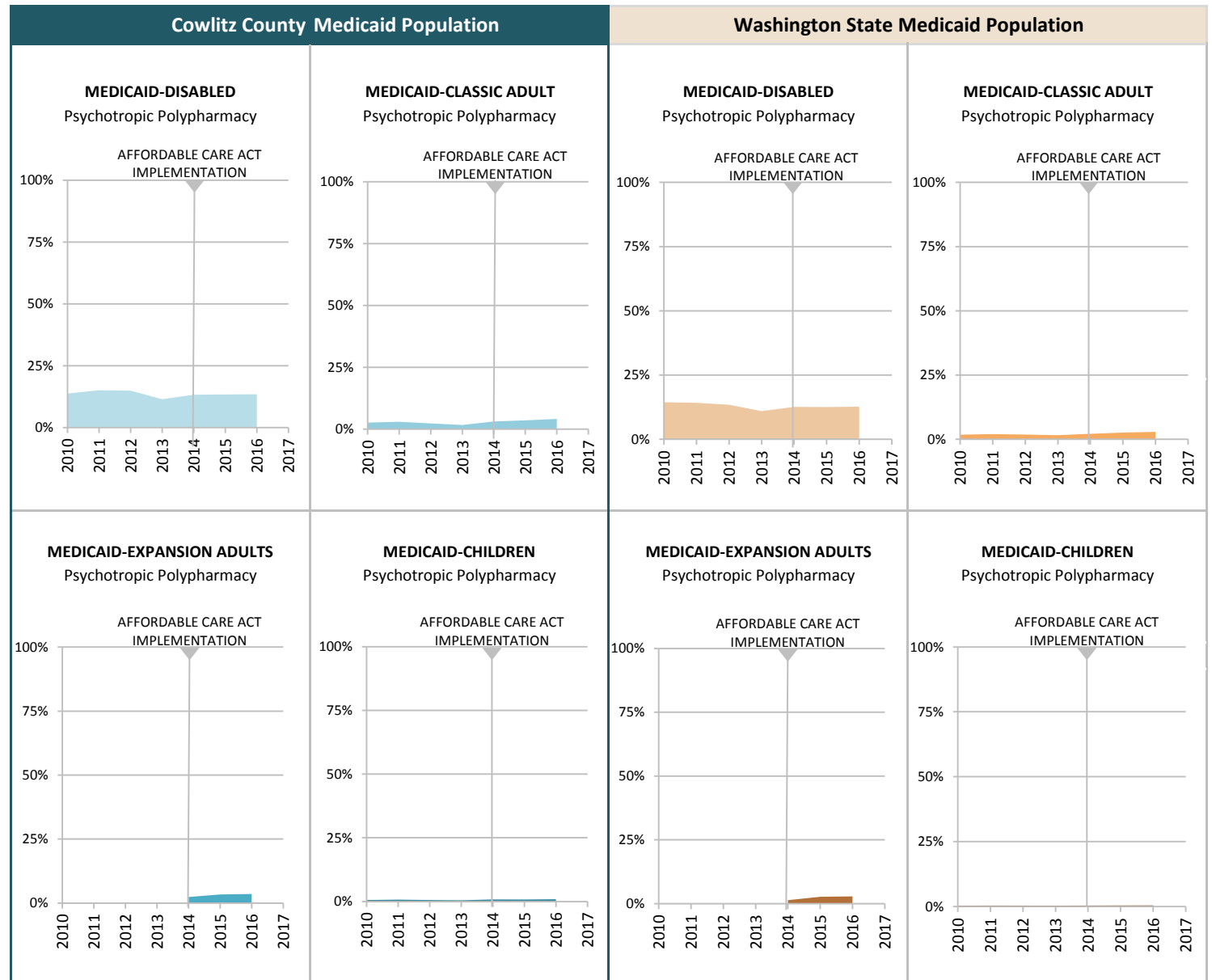
**STATE:**

- Disabled
- Classic Adults
- Expansion Adults
- Children

**SOURCE & POPULATION**

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

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



SUPPORTING TABLES | Psychotropic Polypharmacy

STATE FISCAL YEAR by Medicaid Sub-Population	Cowlitz County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Medicaid-Disabled</b>	<b>13.7%</b>	<b>15.1%</b>	<b>14.9%</b>	<b>11.4%</b>	<b>13.3%</b>	<b>13.4%</b>	<b>13.4%</b>		<b>14.4%</b>	<b>14.2%</b>	<b>13.5%</b>	<b>11.0%</b>	<b>12.6%</b>	<b>12.5%</b>	<b>12.7%</b>	
Persons w/psy. polypharm.	452	529	537	432	480	413	417		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Medicaid-Classic Adults</b>	<b>2.6%</b>	<b>2.9%</b>	<b>2.3%</b>	<b>1.6%</b>	<b>3.1%</b>	<b>3.5%</b>	<b>4.1%</b>		<b>1.8%</b>	<b>2.0%</b>	<b>1.8%</b>	<b>1.6%</b>	<b>2.1%</b>	<b>2.6%</b>	<b>2.9%</b>	
Persons w/psy. polypharm.	131	153	117	82	157	171	193		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>2.4%</b>	<b>3.4%</b>	<b>3.5%</b>						<b>1.4%</b>	<b>2.7%</b>	<b>2.8%</b>	
Persons w/psy. polypharm.					154	379	469						4,922	16,087	19,012	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>		<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	
Persons w/psy. polypharm.	74	96	77	64	108	107	130		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		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\*

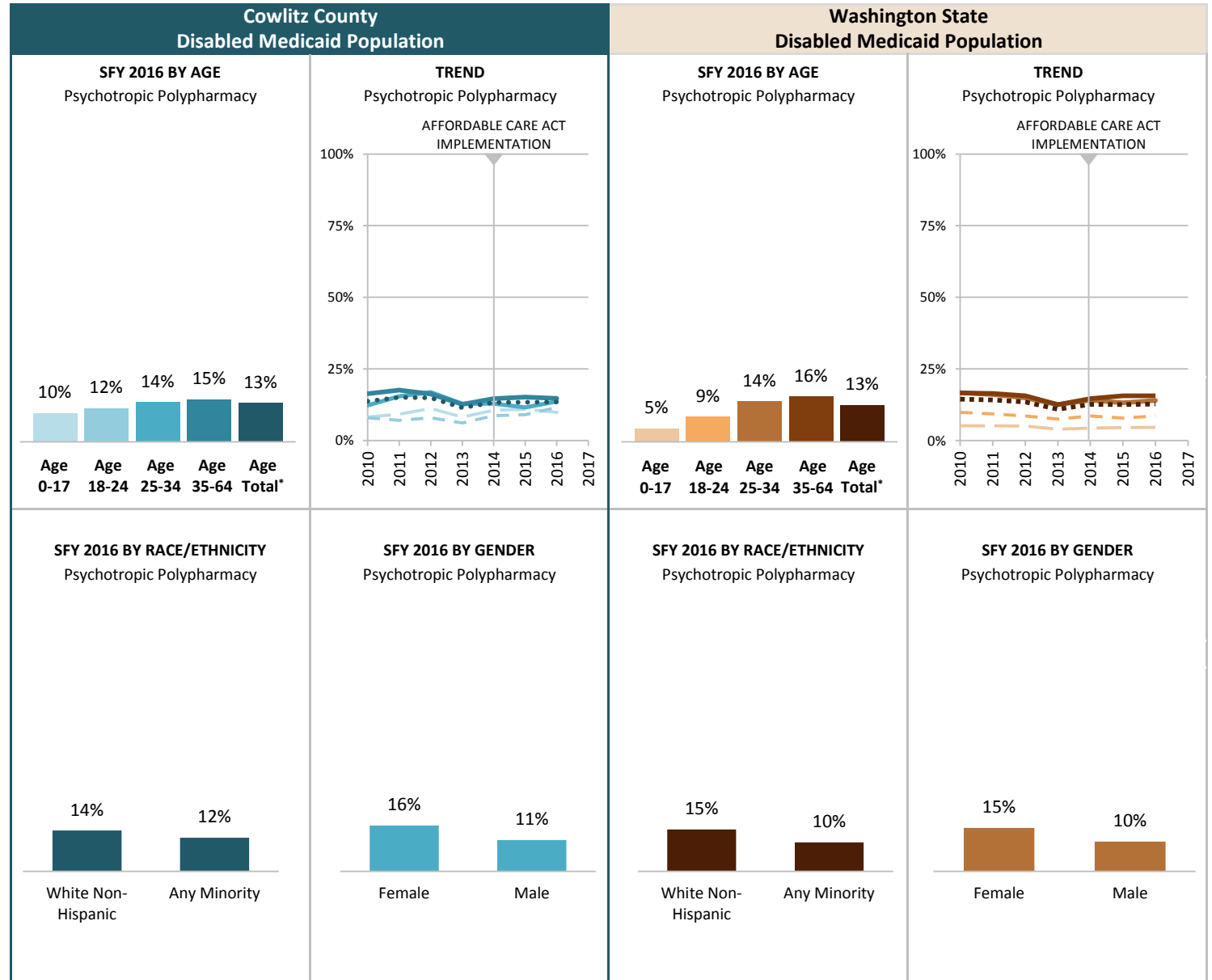
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/psy. polypharm.</b>	<b>8.2%</b>	<b>9.2%</b>	<b>11.2%</b>	<b>8.2%</b>	<b>10.6%</b>	<b>10.9%</b>	<b>9.9%</b>		<b>5.2%</b>	<b>5.2%</b>	<b>5.1%</b>	<b>4.0%</b>	<b>4.3%</b>	<b>4.5%</b>	<b>4.6%</b>	
Persons w/psy. polypharm.	41	48	59	45	62	63	56		866	897	912	733	798	832	863	
Total persons	501	522	527	550	587	576	567		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
<b>Age 18-24 w/psy. polypharm.</b>	<b>8.0%</b>	<b>7.1%</b>	<b>8.0%</b>	<b>6.1%</b>	<b>8.7%</b>	<b>9.0%</b>	<b>11.6%</b>		<b>9.8%</b>	<b>9.3%</b>	<b>8.6%</b>	<b>7.5%</b>	<b>8.6%</b>	<b>7.9%</b>	<b>8.6%</b>	
Persons w/psy. polypharm.	27	24	25	21	27	25	32		1,219	1,161	1,077	961	1,017	770	829	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/psy. polypharm.</b>	<b>12.3%</b>	<b>15.5%</b>	<b>16.9%</b>	<b>12.9%</b>	<b>12.9%</b>	<b>11.6%</b>	<b>13.7%</b>		<b>16.7%</b>	<b>16.1%</b>	<b>14.9%</b>	<b>12.5%</b>	<b>14.1%</b>	<b>13.2%</b>	<b>14.0%</b>	
Persons w/psy. polypharm.	52	69	78	61	59	46	54		2,834	2,813	2,729	2,425	2,599	1,802	1,906	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/psy. polypharm.</b>	<b>16.3%</b>	<b>17.6%</b>	<b>16.3%</b>	<b>12.7%</b>	<b>14.7%</b>	<b>15.1%</b>	<b>14.7%</b>		<b>16.6%</b>	<b>16.5%</b>	<b>15.6%</b>	<b>12.6%</b>	<b>14.7%</b>	<b>15.6%</b>	<b>15.6%</b>	
Persons w/psy. polypharm.	332	388	375	305	332	279	275		13,096	13,369	13,348	11,275	12,312	9,460	9,259	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total† w/psy. polypharm.</b>	<b>13.7%</b>	<b>15.1%</b>	<b>14.9%</b>	<b>11.4%</b>	<b>13.3%</b>	<b>13.4%</b>	<b>13.4%</b>		<b>14.4%</b>	<b>14.2%</b>	<b>13.5%</b>	<b>11.0%</b>	<b>12.6%</b>	<b>12.5%</b>	<b>12.7%</b>	
Persons w/psy. polypharm.	452	529	537	432	480	413	417		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/psy. polypharm.</b>	<b>16.7%</b>	<b>20.4%</b>	<b>16.8%</b>	<b>11.5%</b>	<b>16.7%</b>	<b>15.1%</b>	<b>13.1%</b>		<b>16.5%</b>	<b>16.0%</b>	<b>14.9%</b>	<b>12.6%</b>	<b>14.1%</b>	<b>13.9%</b>	<b>14.3%</b>	
Persons w/psy. polypharm.	68	91	85	68	96	68	58		2,082	2,076	1,998	1,764	1,872	1,446	1,449	
Total persons	408	446	505	589	576	450	443		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
<b>Asian w/psy. polypharm.</b>									<b>10.5%</b>	<b>10.6%</b>	<b>10.8%</b>	<b>9.2%</b>	<b>9.9%</b>	<b>10.4%</b>	<b>11.2%</b>	
Persons w/psy. polypharm.									646	670	695	622	636	525	558	
Total persons	40	39	39	39	45	38	36		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
<b>Black w/psy. polypharm.</b>	<b>11.8%</b>		<b>13.6%</b>				<b>11.0%</b>		<b>11.4%</b>	<b>11.4%</b>	<b>10.8%</b>	<b>8.9%</b>	<b>9.8%</b>	<b>9.6%</b>	<b>9.3%</b>	
Persons w/psy. polypharm.	11		14				11		1,798	1,887	1,903	1,663	1,761	1,368	1,334	
Total persons	93	89	103	107	111	105	100		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
<b>Hawaiian/PI w/psy. polypharm.</b>									<b>11.0%</b>	<b>10.4%</b>	<b>10.0%</b>	<b>8.9%</b>	<b>9.3%</b>	<b>10.4%</b>	<b>10.2%</b>	
Persons w/psy. polypharm.									295	302	305	291	303	272	267	
Total persons	26	22	30	33	38	36	31		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
<b>Hispanic w/psy. polypharm.</b>	<b>6.5%</b>	<b>7.6%</b>	<b>7.1%</b>	<b>6.4%</b>	<b>9.2%</b>	<b>8.4%</b>	<b>9.1%</b>		<b>8.2%</b>	<b>8.3%</b>	<b>7.9%</b>	<b>6.6%</b>	<b>7.8%</b>	<b>7.1%</b>	<b>7.5%</b>	
Persons w/psy. polypharm.	11	15	15	15	21	16	19		986	1,067	1,100	976	1,121	866	913	
Total persons	170	198	210	236	228	191	208		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
<b>White Only w/psy. polypharm.</b>	<b>14.1%</b>	<b>15.3%</b>	<b>15.4%</b>	<b>12.1%</b>	<b>13.5%</b>	<b>13.9%</b>	<b>14.2%</b>		<b>16.2%</b>	<b>16.0%</b>	<b>15.1%</b>	<b>12.3%</b>	<b>14.3%</b>	<b>14.5%</b>	<b>14.7%</b>	
Persons w/psy. polypharm.	367	423	427	344	362	323	332		12,727	12,774	12,568	10,595	11,589	8,853	8,786	
Total persons	2,607	2,760	2,774	2,841	2,685	2,320	2,346		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
<b>Any Minority w/psych polypharm.</b>	<b>12.9%</b>	<b>14.9%</b>	<b>13.7%</b>	<b>9.7%</b>	<b>13.1%</b>	<b>12.3%</b>	<b>11.7%</b>		<b>12%</b>	<b>12%</b>	<b>11%</b>	<b>9%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	
Persons w/psy. polypharm.	85	106	109	88	118	90	84		5,233	5,413	5,439	4,758	5,080	3,967	4,017	
Total persons	658	711	795	904	899	732	721		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
<b>Population by Gender</b>																
<b>Females w/psy. polypharm.</b>	<b>16.4%</b>	<b>18.3%</b>	<b>17.8%</b>	<b>14.2%</b>	<b>15.4%</b>	<b>15.9%</b>	<b>15.9%</b>		<b>16.9%</b>	<b>16.8%</b>	<b>15.9%</b>	<b>13.1%</b>	<b>15.0%</b>	<b>15.1%</b>	<b>15.2%</b>	
Persons w/psy. polypharm.	280	336	341	278	283	251	250		10,386	10,599	10,431	8,849	9,495	7,465	7,353	
Total persons	1,712	1,841	1,912	1,954	1,840	1,582	1,571		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
<b>Males w/psy. polypharm.</b>	<b>10.9%</b>	<b>11.5%</b>	<b>11.6%</b>	<b>8.4%</b>	<b>11.1%</b>	<b>10.7%</b>	<b>10.9%</b>		<b>12.1%</b>	<b>11.7%</b>	<b>11.1%</b>	<b>9.0%</b>	<b>10.4%</b>	<b>10.2%</b>	<b>10.4%</b>	
Persons w/psy. polypharm.	172	193	196	154	197	162	167		7,629	7,641	7,635	6,545	7,231	5,399	5,504	
Total persons	1,581	1,673	1,693	1,823	1,782	1,511	1,535		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

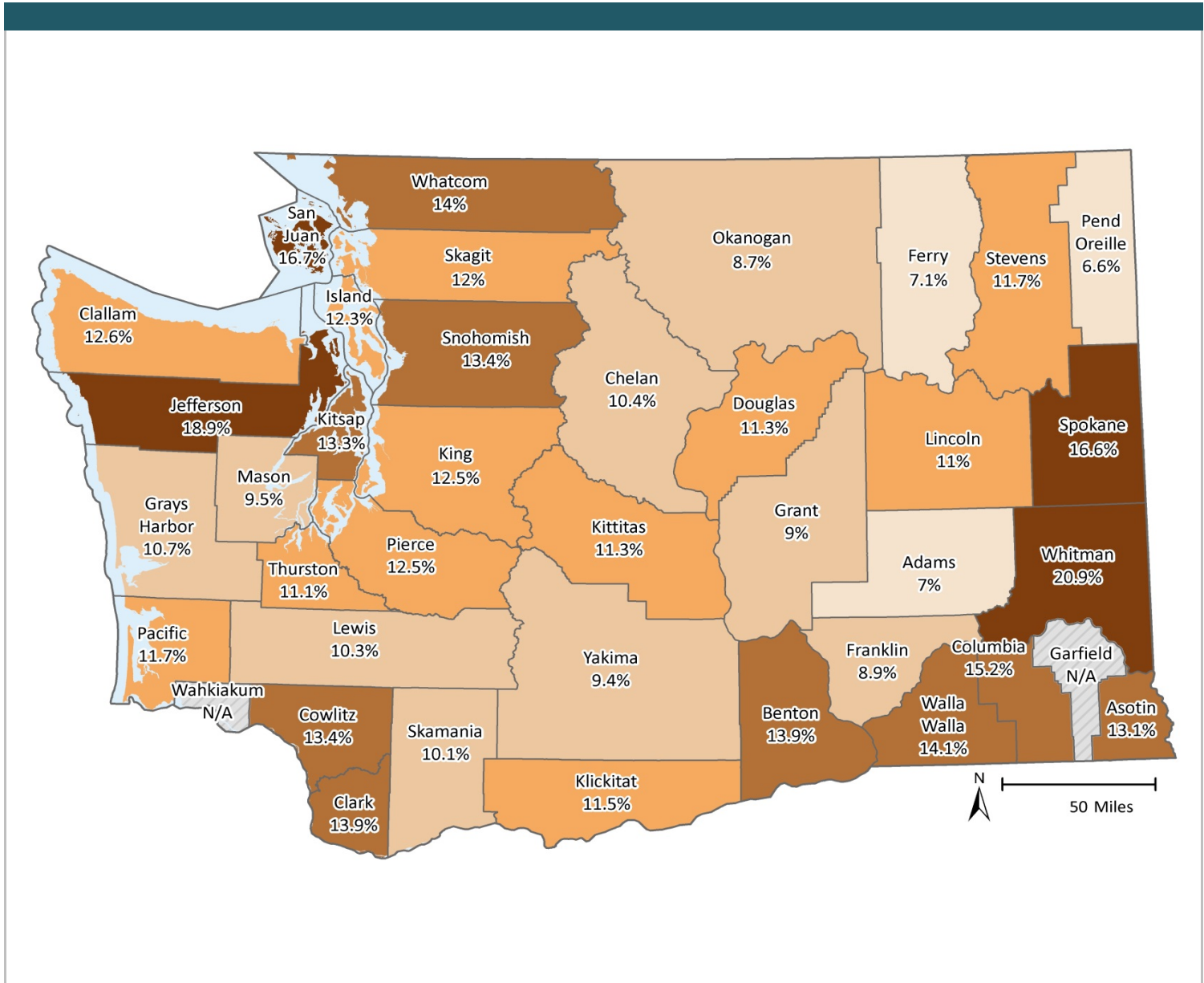
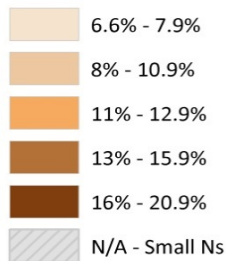
MARCH 2017

**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\*

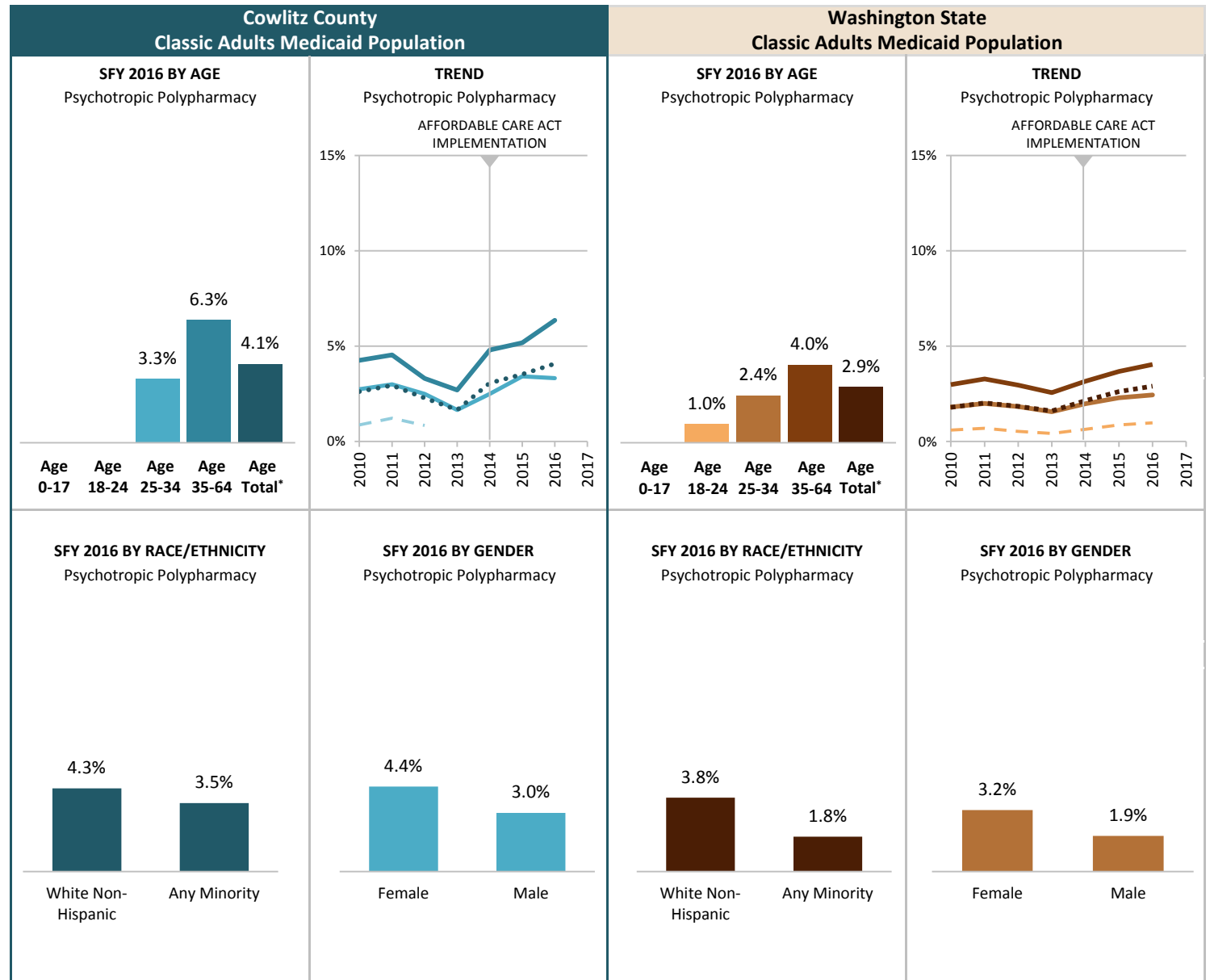
**STATE:**

- 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

	Cowlitz County Classic Adults Medicaid Population								Washington State Classic Adults Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Population by Age</b>																
<b>Age 0-17 w/psy. polypharm.</b>																
Persons w/psy. polypharm.																
Total persons																
<b>Age 18-24 w/psy. polypharm.</b>	<b>0.9%</b>	<b>1.2%</b>	<b>0.8%</b>		<b>1.5%</b>				<b>0.6%</b>	<b>0.7%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.6%</b>	<b>0.9%</b>	<b>1.0%</b>	
Persons w/psy. polypharm.	13	18	12		16				318	371	268	198	268	302	290	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/psy. polypharm.</b>	<b>2.7%</b>	<b>3.0%</b>	<b>2.5%</b>	<b>1.7%</b>	<b>2.5%</b>	<b>3.4%</b>	<b>3.3%</b>		<b>1.8%</b>	<b>2.0%</b>	<b>1.8%</b>	<b>1.6%</b>	<b>2.0%</b>	<b>2.3%</b>	<b>2.4%</b>	
Persons w/psy. polypharm.	57	66	55	36	57	73	71		1,431	1,691	1,558	1,328	1,777	2,096	2,130	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/psy. polypharm.</b>	<b>4.3%</b>	<b>4.5%</b>	<b>3.3%</b>	<b>2.7%</b>	<b>4.8%</b>	<b>5.2%</b>	<b>6.3%</b>		<b>3.0%</b>	<b>3.3%</b>	<b>3.0%</b>	<b>2.6%</b>	<b>3.2%</b>	<b>3.7%</b>	<b>4.0%</b>	
Persons w/psy. polypharm.	61	69	50	40	84	94	117		1,610	1,917	1,774	1,551	2,436	3,181	3,451	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total† w/psy. polypharm.</b>	<b>2.6%</b>	<b>2.9%</b>	<b>2.3%</b>	<b>1.6%</b>	<b>3.1%</b>	<b>3.5%</b>	<b>4.1%</b>		<b>1.8%</b>	<b>2.0%</b>	<b>1.8%</b>	<b>1.6%</b>	<b>2.1%</b>	<b>2.6%</b>	<b>2.9%</b>	
Persons w/psy. polypharm.	131	153	117	82	157	171	193		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/psy. polypharm.</b>	<b>4.6%</b>	<b>6.0%</b>	<b>3.7%</b>	<b>3.6%</b>	<b>5.1%</b>	<b>4.6%</b>	<b>5.2%</b>		<b>2.9%</b>	<b>3.1%</b>	<b>2.5%</b>	<b>2.3%</b>	<b>2.9%</b>	<b>3.4%</b>	<b>3.9%</b>	
Persons w/psy. polypharm.	22	29	17	17	24	19	21		451	495	391	353	446	497	538	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/psy. polypharm.</b>									<b>0.9%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.2%</b>	
Persons w/psy. polypharm.									77	96	93	83	128	153	162	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/psy. polypharm.</b>									<b>1.1%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.0%</b>	<b>1.4%</b>	<b>1.7%</b>	<b>1.9%</b>	
Persons w/psy. polypharm.									223	314	275	229	334	391	399	
Total persons	110	118	130	125	141	130	140		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
<b>Hawaiian/PI w/psy. polypharm.</b>									<b>0.8%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.1%</b>	
Persons w/psy. polypharm.									53	66	75	62	95	112	102	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/psy. polypharm.</b>					<b>3.5%</b>	<b>2.6%</b>	<b>2.9%</b>		<b>1.0%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>0.9%</b>	<b>1.1%</b>	<b>1.4%</b>	<b>1.6%</b>	
Persons w/psy. polypharm.					17	12	13		272	326	341	283	417	549	579	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/psy. polypharm.</b>	<b>2.6%</b>	<b>2.8%</b>	<b>2.4%</b>	<b>1.5%</b>	<b>2.9%</b>	<b>3.8%</b>	<b>4.3%</b>		<b>2.2%</b>	<b>2.5%</b>	<b>2.3%</b>	<b>2.0%</b>	<b>2.8%</b>	<b>3.5%</b>	<b>3.8%</b>	
Persons w/psy. polypharm.	103	112	95	57	115	142	156		2,420	2,836	2,570	2,194	3,241	4,088	4,282	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/psych polypharm.</b>	<b>2.8%</b>	<b>3.8%</b>	<b>2.1%</b>	<b>2.4%</b>	<b>3.7%</b>	<b>2.8%</b>	<b>3.5%</b>		<b>1.3%</b>	<b>1.5%</b>	<b>1.3%</b>	<b>1.1%</b>	<b>1.4%</b>	<b>1.6%</b>	<b>1.8%</b>	
Persons w/psy. polypharm.	28	41	22	25	42	29	37		925	1,125	1,010	875	1,219	1,467	1,544	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/psy. polypharm.</b>	<b>3.1%</b>	<b>3.3%</b>	<b>2.6%</b>	<b>1.8%</b>	<b>3.2%</b>	<b>3.9%</b>	<b>4.4%</b>		<b>2.0%</b>	<b>2.3%</b>	<b>2.1%</b>	<b>1.8%</b>	<b>2.4%</b>	<b>2.9%</b>	<b>3.2%</b>	
Persons w/psy. polypharm.	115	124	98	65	123	144	162		2,927	3,470	3,164	2,714	3,882	4,790	5,061	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/psy. polypharm.</b>	<b>1.2%</b>	<b>2.0%</b>	<b>1.4%</b>	<b>1.3%</b>	<b>2.6%</b>	<b>2.4%</b>	<b>3.0%</b>		<b>1.0%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>0.8%</b>	<b>1.2%</b>	<b>1.7%</b>	<b>1.9%</b>	
Persons w/psy. polypharm.	16	29	19	17	34	27	31		432	509	436	363	599	789	810	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

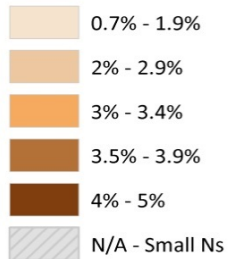
MARCH 2017

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.

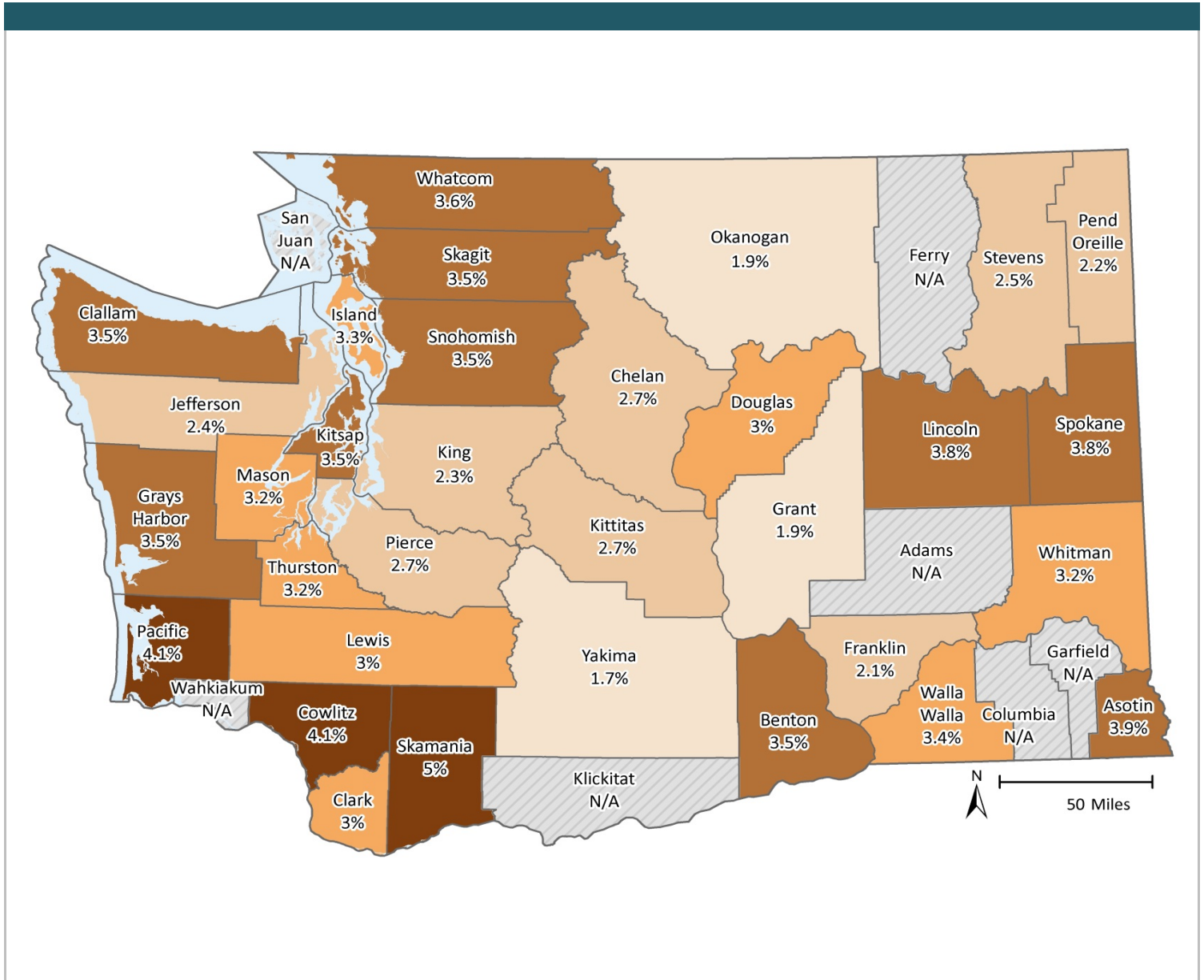
**Percent of Medicaid-Classic Adults with Psychotropic Polypharmacy**



**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\*

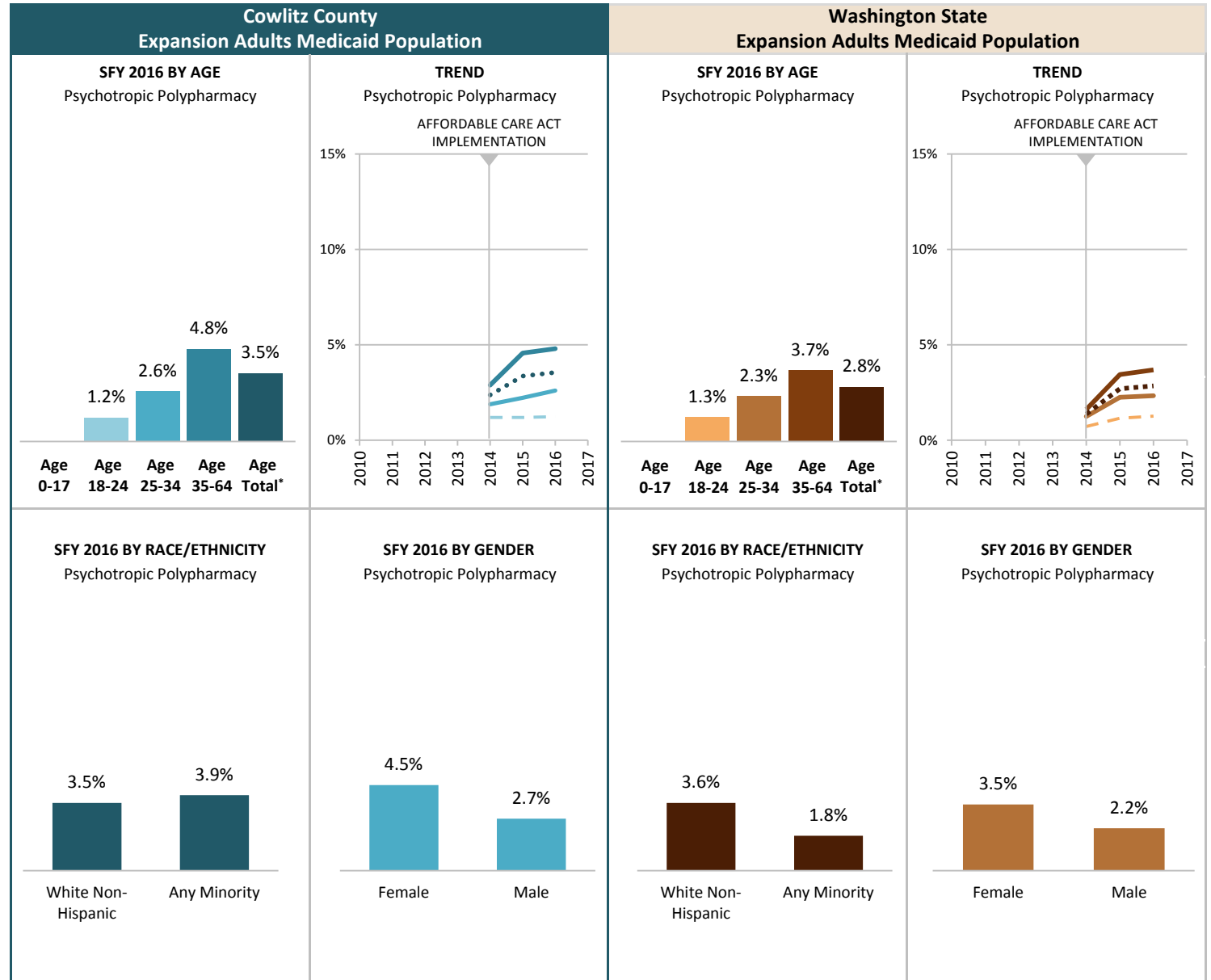
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/psy. polypharm.</b>																
Persons w/psy. polypharm.																
Total persons																
<b>Age 18-24 w/psy. polypharm.</b>					<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>						<b>0.7%</b>	<b>1.2%</b>	<b>1.3%</b>	
Persons w/psy. polypharm.					12	23	28						429	1,190	1,511	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/psy. polypharm.</b>					<b>1.9%</b>	<b>2.2%</b>	<b>2.6%</b>						<b>1.3%</b>	<b>2.2%</b>	<b>2.3%</b>	
Persons w/psy. polypharm.					32	68	99						1,283	3,989	4,780	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/psy. polypharm.</b>					<b>2.9%</b>	<b>4.6%</b>	<b>4.8%</b>						<b>1.6%</b>	<b>3.4%</b>	<b>3.7%</b>	
Persons w/psy. polypharm.					110	288	342						3,210	10,908	12,721	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total† w/psy. polypharm.</b>					<b>2.4%</b>	<b>3.4%</b>	<b>3.5%</b>						<b>1.4%</b>	<b>2.7%</b>	<b>2.8%</b>	
Persons w/psy. polypharm.					154	379	469						4,922	16,087	19,012	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/psy. polypharm.</b>					<b>6.4%</b>	<b>8.4%</b>	<b>6.9%</b>						<b>2.5%</b>	<b>4.1%</b>	<b>4.1%</b>	
Persons w/psy. polypharm.					42	93	82						424	1,255	1,456	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/psy. polypharm.</b>													<b>0.5%</b>	<b>1.1%</b>	<b>1.1%</b>	
Persons w/psy. polypharm.													169	523	589	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/psy. polypharm.</b>								<b>4.1%</b>					<b>0.9%</b>	<b>1.9%</b>	<b>2.0%</b>	
Persons w/psy. polypharm.								13					243	950	1,095	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/psy. polypharm.</b>													<b>0.7%</b>	<b>1.4%</b>	<b>1.3%</b>	
Persons w/psy. polypharm.													77	279	313	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/psy. polypharm.</b>						<b>2.0%</b>	<b>2.0%</b>						<b>0.6%</b>	<b>1.4%</b>	<b>1.5%</b>	
Persons w/psy. polypharm.							18	23					308	1,154	1,483	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/psy. polypharm.</b>					<b>2.1%</b>	<b>3.0%</b>	<b>3.5%</b>						<b>1.7%</b>	<b>3.4%</b>	<b>3.6%</b>	
Persons w/psy. polypharm.					104	262	355						3,793	12,139	14,330	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/psych polypharm.</b>					<b>3.5%</b>	<b>4.6%</b>	<b>3.9%</b>						<b>1%</b>	<b>2%</b>	<b>2%</b>	
Persons w/psy. polypharm.					49	113	111						1,078	3,740	4,403	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/psy. polypharm.</b>					<b>2.9%</b>	<b>4.4%</b>	<b>4.5%</b>						<b>1.6%</b>	<b>3.3%</b>	<b>3.5%</b>	
Persons w/psy. polypharm.					92	240	282						2,904	9,535	11,403	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/psy. polypharm.</b>					<b>1.9%</b>	<b>2.4%</b>	<b>2.7%</b>						<b>1.1%</b>	<b>2.1%</b>	<b>2.2%</b>	
Persons w/psy. polypharm.					62	139	187						2,018	6,552	7,609	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

# Psychotropic Polypharmacy Use Rates

## Among Medicaid-Expansion Adults, by County

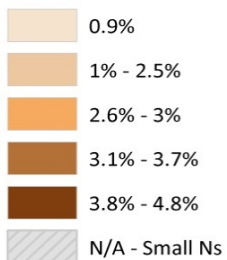
MARCH 2017

### SFY 2016

**INDICATOR**

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

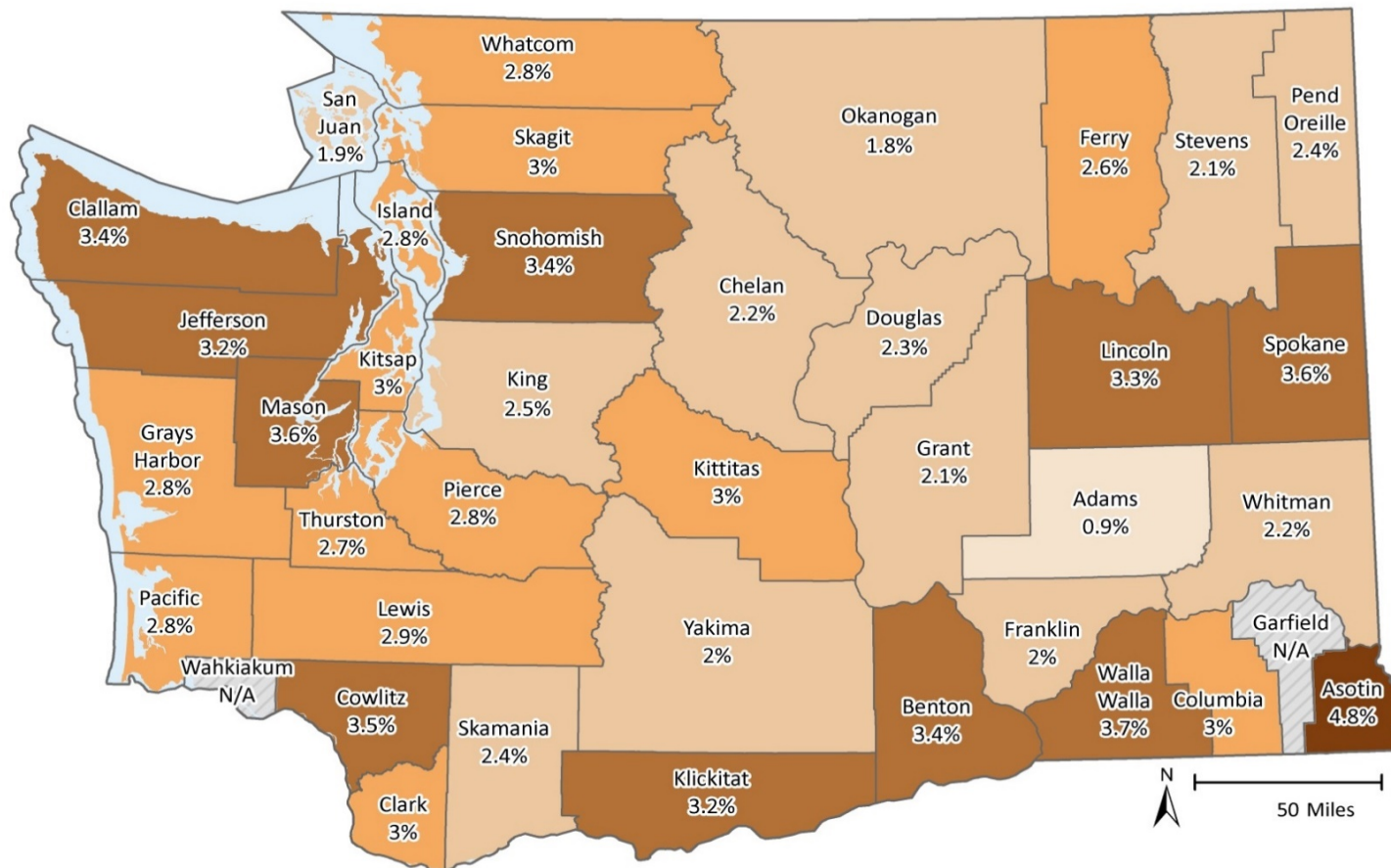
**Percent of Medicaid-Expansion Adults with Psychotropic Polypharmacy**



**SOURCE & POPULATION**

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

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



### Psychotropic Polypharmacy

**INDICATOR**

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

**COUNTY:**

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

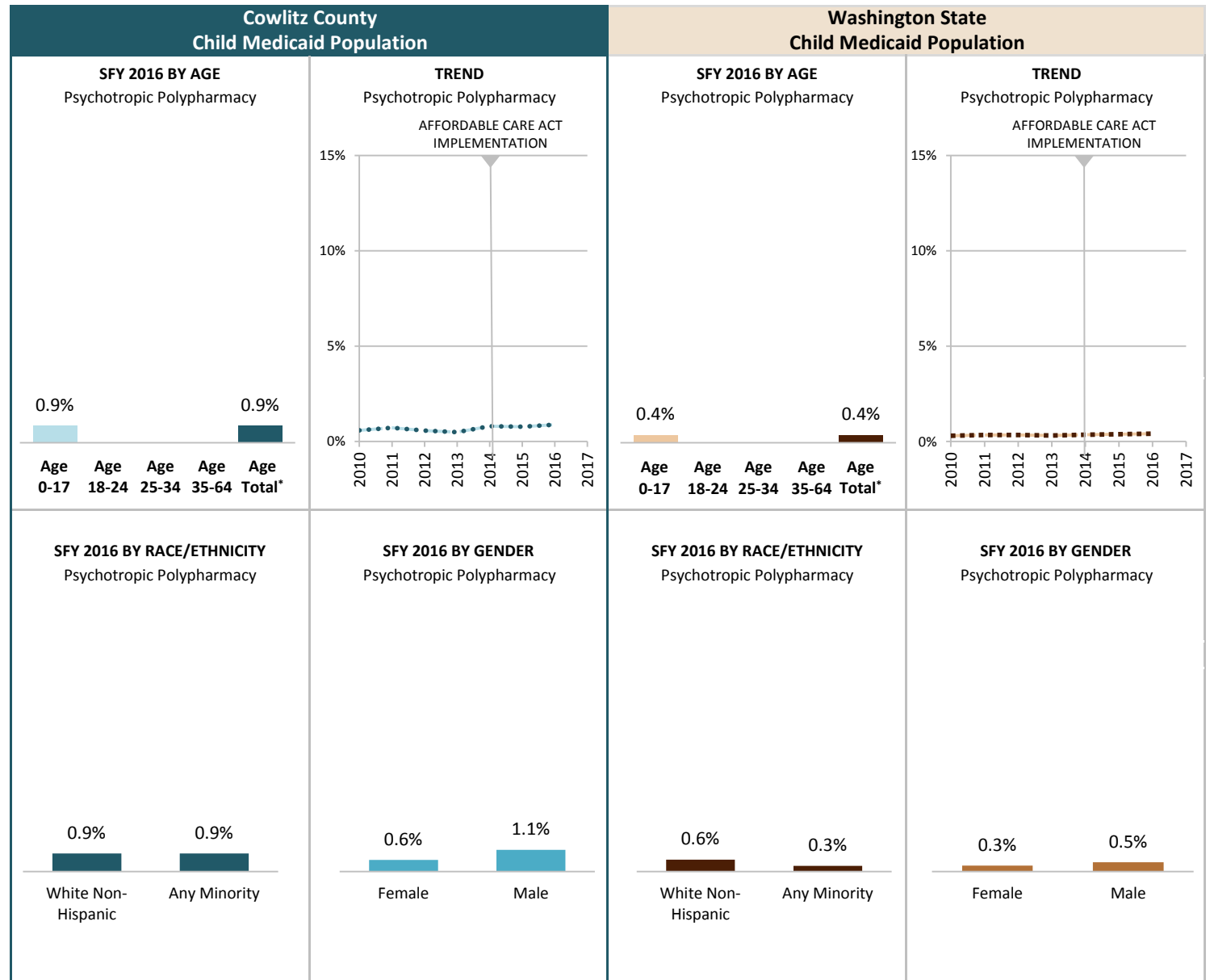
**STATE:**

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

**SOURCE & POPULATION**

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

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



SUPPORTING TABLES | Psychotropic Polypharmacy

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/psy. polypharm.</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>		<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	
Persons w/psy. polypharm.	74	96	77	64	108	107	130		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Age 18-24 w/psy. polypharm.</b>																
Persons w/psy. polypharm.																
Total persons																
<b>Age 25-34 w/psy. polypharm.</b>																
Persons w/psy. polypharm.																
Total persons																
<b>Age 35-64 w/psy. polypharm.</b>																
Persons w/psy. polypharm.																
Total persons																
<b>Age Total† w/psy. polypharm.</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>		<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	
Persons w/psy. polypharm.	74	96	77	64	108	107	130		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/psy. polypharm.</b>	<b>2.1%</b>	<b>1.8%</b>			<b>1.6%</b>	<b>1.8%</b>	<b>2.5%</b>		<b>0.8%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.9%</b>	
Persons w/psy. polypharm.	22	18			15	16	21		331	356	353	305	319	357	373	
Total persons	1,029	1,013	969	937	914	867	844		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
<b>Asian w/psy. polypharm.</b>									<b>0.2%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.2%</b>	
Persons w/psy. polypharm.									55	65	56	56	58	75	80	
Total persons	271	280	276	284	308	300	302		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
<b>Black w/psy. polypharm.</b>							<b>2.0%</b>		<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>	
Persons w/psy. polypharm.							11		248	291	280	273	303	325	351	
Total persons	426	456	458	455	507	511	558		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
<b>Hawaiian/PI w/psy. polypharm.</b>									<b>0.2%</b>	<b>0.2%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	
Persons w/psy. polypharm.									45	42	37	54	57	60	59	
Total persons	206	240	232	237	261	275	333		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
<b>Hispanic w/psy. polypharm.</b>	<b>0.5%</b>	<b>0.6%</b>			<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>		<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	
Persons w/psy. polypharm.	12	16			11	13	12		213	273	290	289	388	431	484	
Total persons	2,648	2,811	2,893	2,918	2,954	3,050	3,190		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
<b>White Only w/psy. polypharm.</b>	<b>0.5%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.9%</b>		<b>0.4%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>	
Persons w/psy. polypharm.	37	56	51	42	73	71	85		1,118	1,372	1,391	1,299	1,545	1,697	1,937	
Total persons	8,057	8,250	8,278	8,181	8,339	8,523	9,035		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
<b>Any Minority w/psych polypharm.</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>		<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	
Persons w/psy. polypharm.	37	40	26	22	35	36	45		732	863	837	797	937	1,053	1,134	
Total persons	4,153	4,346	4,385	4,386	4,492	4,559	4,777		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
<b>Population by Gender</b>																
<b>Females w/psy. polypharm.</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>		<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	
Persons w/psy. polypharm.	21	30	28	26	34	40	45		600	716	752	739	916	1,085	1,197	
Total persons	6,419	6,723	6,724	6,734	6,781	6,863	7,321		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
<b>Males w/psy. polypharm.</b>	<b>0.8%</b>	<b>1.0%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.1%</b>		<b>0.4%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.5%</b>	
Persons w/psy. polypharm.	53	66	49	38	74	67	85		1,257	1,532	1,481	1,363	1,576	1,690	1,897	
Total persons	6,408	6,602	6,658	6,494	6,749	6,989	7,461		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

# Psychotropic Polypharmacy Use Rates Among Medicaid-Children, by County

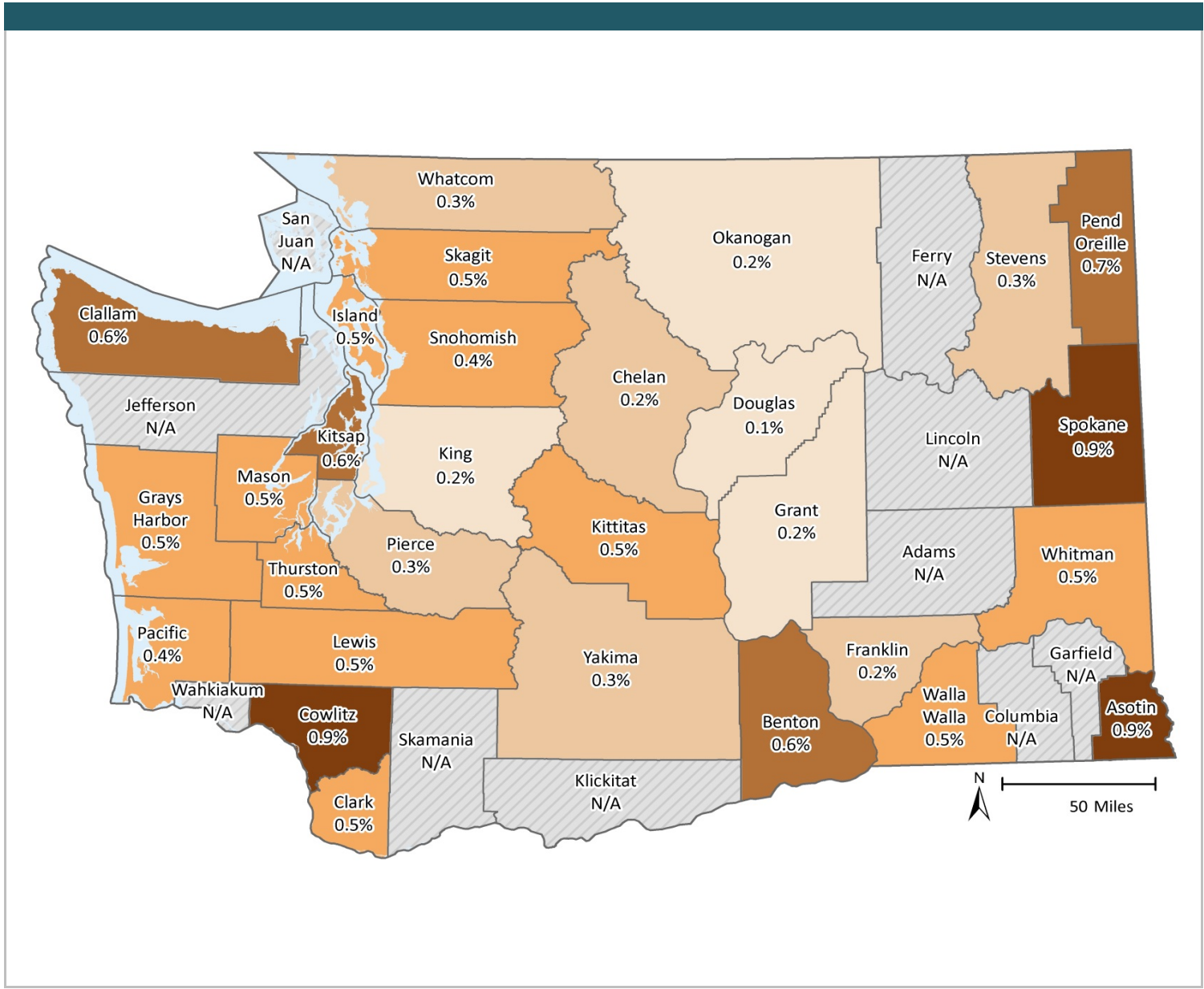
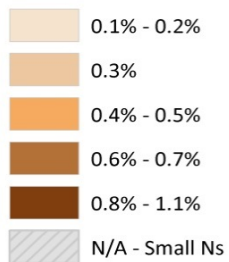
MARCH 2017

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.



# Cowlitz 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:**

- Disabled
- Classic Adults
- Expansion Adults
- Children

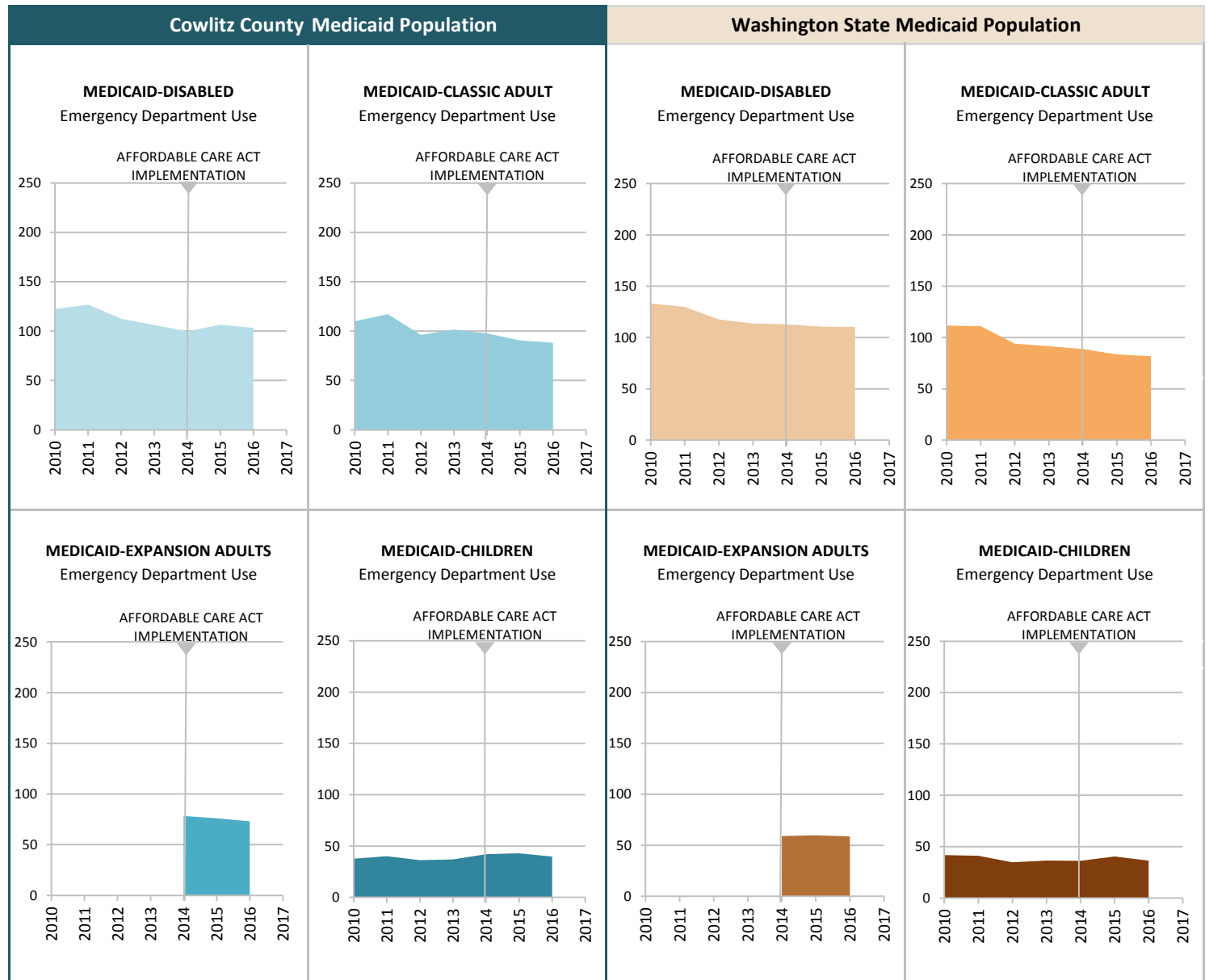
**STATE:**

- 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	Cowlitz County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Med.-Disabled/ Rate per 1000</b>	<b>122</b>	<b>127</b>	<b>113</b>	<b>106</b>	<b>100</b>	<b>106</b>	<b>103</b>		<b>133</b>	<b>130</b>	<b>118</b>	<b>114</b>	<b>113</b>	<b>111</b>	<b>110</b>	
SFY ED Use Count	4,281	4,750	4,252	4,201	3,994	3,731	3,644		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.501	3.744	3.778	3.957	4.003	3.505	3.528		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
<b>Med.-Classic Adults/ Rate per 1000</b>	<b>110</b>	<b>117</b>	<b>96</b>	<b>102</b>	<b>98</b>	<b>91</b>	<b>88</b>		<b>112</b>	<b>111</b>	<b>94</b>	<b>92</b>	<b>89</b>	<b>84</b>	<b>82</b>	
SFY ED Use Count	4,563	5,128	4,134	4,264	4,485	4,448	4,260		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.149	4.376	4.299	4.197	4.594	4.910	4.828		149.10	158.95	157.58	155.57	180.00	212.12	202.81	
<b>Med.-Expan. Adults/Rate per 1000</b>					<b>78</b>	<b>76</b>	<b>73</b>						<b>59</b>	<b>60</b>	<b>59</b>	
SFY ED Use Count					2,642	7,946	9,500						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					3.375	10.453	13.011						182.153	552.945	642.446	
<b>Med.-Children/Rate per 1000</b>	<b>38</b>	<b>40</b>	<b>36</b>	<b>37</b>	<b>42</b>	<b>43</b>	<b>40</b>		<b>42</b>	<b>41</b>	<b>35</b>	<b>36</b>	<b>36</b>	<b>40</b>	<b>36</b>	
SFY ED Use Count	5,121	5,645	5,110	5,173	5,892	6,268	6,311		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	13.584	14.072	14.086	13.988	14.009	14.594	15.872		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.





# Cowlitz 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 (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\*

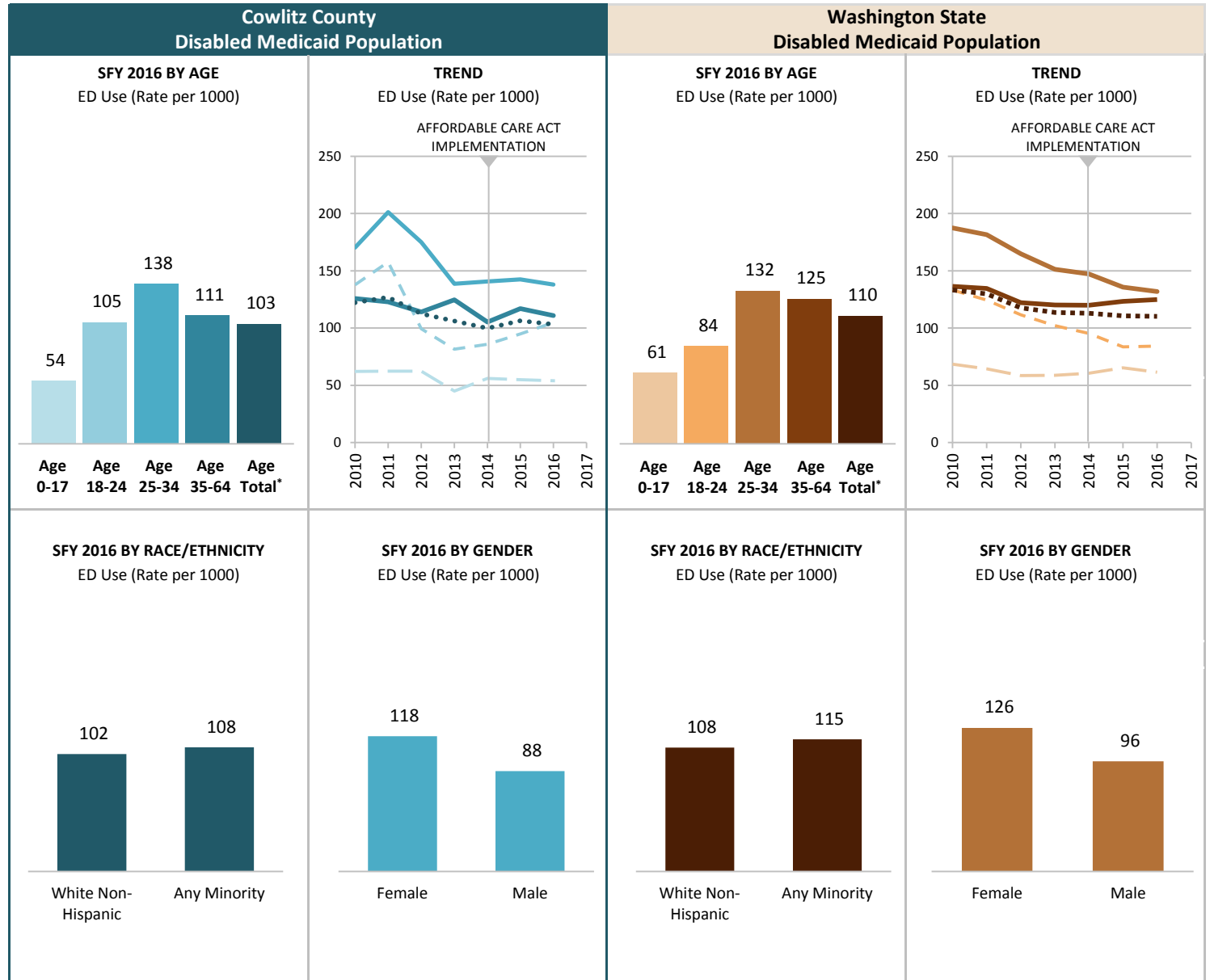
**STATE:**

- 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	Cowlitz 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
<b>Age 0-17 /ED Use Rate per 1000</b>	<b>62</b>	<b>62</b>	<b>62</b>	<b>45</b>	<b>56</b>	<b>55</b>	<b>54</b>		<b>69</b>	<b>64</b>	<b>59</b>	<b>59</b>	<b>61</b>	<b>65</b>	<b>61</b>	
SFY ED Use Count	361	371	377	351	376	366	354		12,975	12,654	11,937	12,448	12,842	13,792	13,133	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.581	0.594	0.604	0.779	0.672	0.667	0.654		18.937	19.637	20.371	21.190	21.161	21.084	21.389	
<b>Age 18-24 /ED Use Rate per 1000</b>	<b>138</b>	<b>158</b>	<b>99</b>	<b>82</b>	<b>86</b>	<b>95</b>	<b>105</b>		<b>133</b>	<b>125</b>	<b>112</b>	<b>102</b>	<b>95</b>	<b>83</b>	<b>84</b>	
SFY ED Use Count	492	565	335	362	295	299	321		17,422	16,659	14,744	13,722	12,427	9,194	9,104	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.357	0.358	0.337	0.444	0.344	0.315	0.307		13.065	13.380	13.201	13.450	13.029	11.013	10.789	
<b>Age 25-34 /ED Use Rate per 1000</b>	<b>170</b>	<b>201</b>	<b>175</b>	<b>139</b>	<b>141</b>	<b>143</b>	<b>138</b>		<b>187</b>	<b>182</b>	<b>165</b>	<b>151</b>	<b>147</b>	<b>136</b>	<b>132</b>	
SFY ED Use Count	775	982	875	762	709	649	618		33,324	33,492	31,193	30,200	29,728	21,095	20,527	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.455	0.488	0.500	0.549	0.504	0.455	0.448		17.775	18.453	18.925	19.958	20.184	15.541	15.567	
<b>Age 35-64/ED Use Rate per 1000</b>	<b>126</b>	<b>123</b>	<b>114</b>	<b>125</b>	<b>105</b>	<b>117</b>	<b>111</b>		<b>136</b>	<b>135</b>	<b>122</b>	<b>120</b>	<b>120</b>	<b>123</b>	<b>125</b>	
SFY ED Use Count	2,653	2,832	2,665	2,726	2,614	2,417	2,351		109,901	111,873	104,948	107,989	108,603	84,219	83,771	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.107	2.303	2.337	2.185	2.484	2.068	2.120		80.579	83.100	85.964	89.946	90.555	68.348	67.022	
<b>Age Total† /ED Use Rate per 1000</b>	<b>122</b>	<b>127</b>	<b>113</b>	<b>106</b>	<b>100</b>	<b>106</b>	<b>103</b>		<b>133</b>	<b>130</b>	<b>118</b>	<b>114</b>	<b>113</b>	<b>111</b>	<b>110</b>	
SFY ED Use Count	4,281	4,750	4,252	4,201	3,994	3,731	3,644		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.501	3.744	3.778	3.957	4.003	3.505	3.528		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian/ED Use Rate per 1000</b>	<b>136</b>	<b>167</b>	<b>144</b>	<b>97</b>	<b>117</b>	<b>124</b>	<b>127</b>		<b>183</b>	<b>181</b>	<b>165</b>	<b>157</b>	<b>160</b>	<b>159</b>	<b>156</b>	
SFY ED Use Count	604	813	764	753	752	640	641		24,821	25,287	23,631	23,447	23,640	18,883	18,082	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.445	0.486	0.532	0.780	0.644	0.516	0.504		13.572	13.970	14.306	14.956	14.732	11.907	11.556	
<b>Asian /ED Use Rate per 1000</b>	<b>63</b>	<b>97</b>	<b>54</b>	<b>58</b>	<b>65</b>	<b>156</b>	<b>73</b>		<b>68</b>	<b>67</b>	<b>63</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>64</b>	
SFY ED Use Count	25	41	22	31	33	68	31		4,452	4,514	4,192	4,730	4,820	3,857	3,640	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.040	0.042	0.040	0.053	0.051	0.044	0.043		6.545	6.727	6.704	6.987	7.045	5.749	5.669	
<b>Black /ED Use Rate per 1000</b>	<b>139</b>	<b>125</b>	<b>120</b>	<b>83</b>	<b>96</b>	<b>117</b>	<b>77</b>		<b>147</b>	<b>142</b>	<b>132</b>	<b>130</b>	<b>128</b>	<b>126</b>	<b>123</b>	
SFY ED Use Count	137	122	131	136	115	136	87		24,717	25,092	24,462	25,470	25,469	20,347	20,037	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.099	0.098	0.109	0.164	0.120	0.116	0.113		16.788	17.638	18.591	19.653	19.892	16.202	16.247	
<b>Hawaiian/PI /ED Use Rate per 1000</b>	<b>112</b>	<b>130</b>	<b>100</b>	<b>83</b>	<b>155</b>	<b>187</b>	<b>134</b>		<b>111</b>	<b>104</b>	<b>95</b>	<b>98</b>	<b>105</b>	<b>97</b>	<b>96</b>	
SFY ED Use Count	30	33	31	41	68	74	49		3,063	3,127	2,933	3,294	3,715	2,847	2,843	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.027	0.025	0.031	0.050	0.044	0.040	0.037		2.750	2.999	3.086	3.356	3.529	2.925	2.955	
<b>Hispanic /ED Use Rate per 1000</b>	<b>98</b>	<b>89</b>	<b>85</b>	<b>67</b>	<b>83</b>	<b>92</b>	<b>92</b>		<b>126</b>	<b>120</b>	<b>106</b>	<b>101</b>	<b>103</b>	<b>102</b>	<b>101</b>	
SFY ED Use Count	182	193	196	243	213	196	220		15,803	16,322	15,347	15,708	16,342	13,989	13,998	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.185	0.217	0.230	0.363	0.256	0.214	0.238		12.563	13.557	14.478	15.532	15.863	13.724	13.858	
<b>White Only /ED Use Rate per 1000</b>	<b>122</b>	<b>125</b>	<b>111</b>	<b>118</b>	<b>98</b>	<b>104</b>	<b>102</b>		<b>131</b>	<b>129</b>	<b>116</b>	<b>112</b>	<b>110</b>	<b>108</b>	<b>108</b>	
SFY ED Use Count	3,383	3,670	3,215	3,115	2,898	2,746	2,732		107,286	107,648	98,997	98,865	97,337	74,448	73,664	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.774	2.942	2.909	2.641	2.964	2.631	2.667		81.700	83.497	85.150	88.160	88.215	69.086	68.022	
<b>Any Minority /ED Use Rate per 1000</b>	<b>125</b>	<b>137</b>	<b>121</b>	<b>85</b>	<b>107</b>	<b>117</b>	<b>108</b>		<b>139</b>	<b>134</b>	<b>122</b>	<b>118</b>	<b>119</b>	<b>117</b>	<b>115</b>	
SFY ED Use Count	886	1,058	1,015	1,072	1,079	968	890		65,496	66,206	62,848	64,390	65,209	52,950	51,778	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.707	0.770	0.840	1.257	1.005	0.828	0.822		47.224	49.415	51.498	54.391	54.694	45.106	44.831	
<b>Population by Gender</b>																
<b>Females /ED Use Rate per 1000</b>	<b>141</b>	<b>148</b>	<b>130</b>	<b>120</b>	<b>113</b>	<b>128</b>	<b>118</b>		<b>149</b>	<b>146</b>	<b>131</b>	<b>126</b>	<b>125</b>	<b>126</b>	<b>126</b>	
SFY ED Use Count	2,617	2,917	2,619	2,472	2,326	2,306	2,119		96,882	97,499	88,974	88,362	87,304	70,840	68,935	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.851	1.976	2.018	2.064	2.054	1.800	1.791		64.918	66.673	67.889	70.030	69.575	56.077	54.925	
<b>Males /ED Use Rate per 1000</b>	<b>101</b>	<b>104</b>	<b>93</b>	<b>91</b>	<b>86</b>	<b>84</b>	<b>88</b>		<b>117</b>	<b>114</b>	<b>105</b>	<b>102</b>	<b>101</b>	<b>96</b>	<b>96</b>	
SFY ED Use Count	1,664	1,833	1,633	1,729	1,668	1,425	1,525		76,740	77,179	73,848	75,997	76,296	57,460	57,600	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.650	1.768	1.760	1.894	1.949	1.705	1.737		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

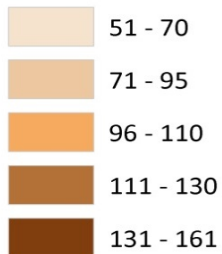
MARCH 2017

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.

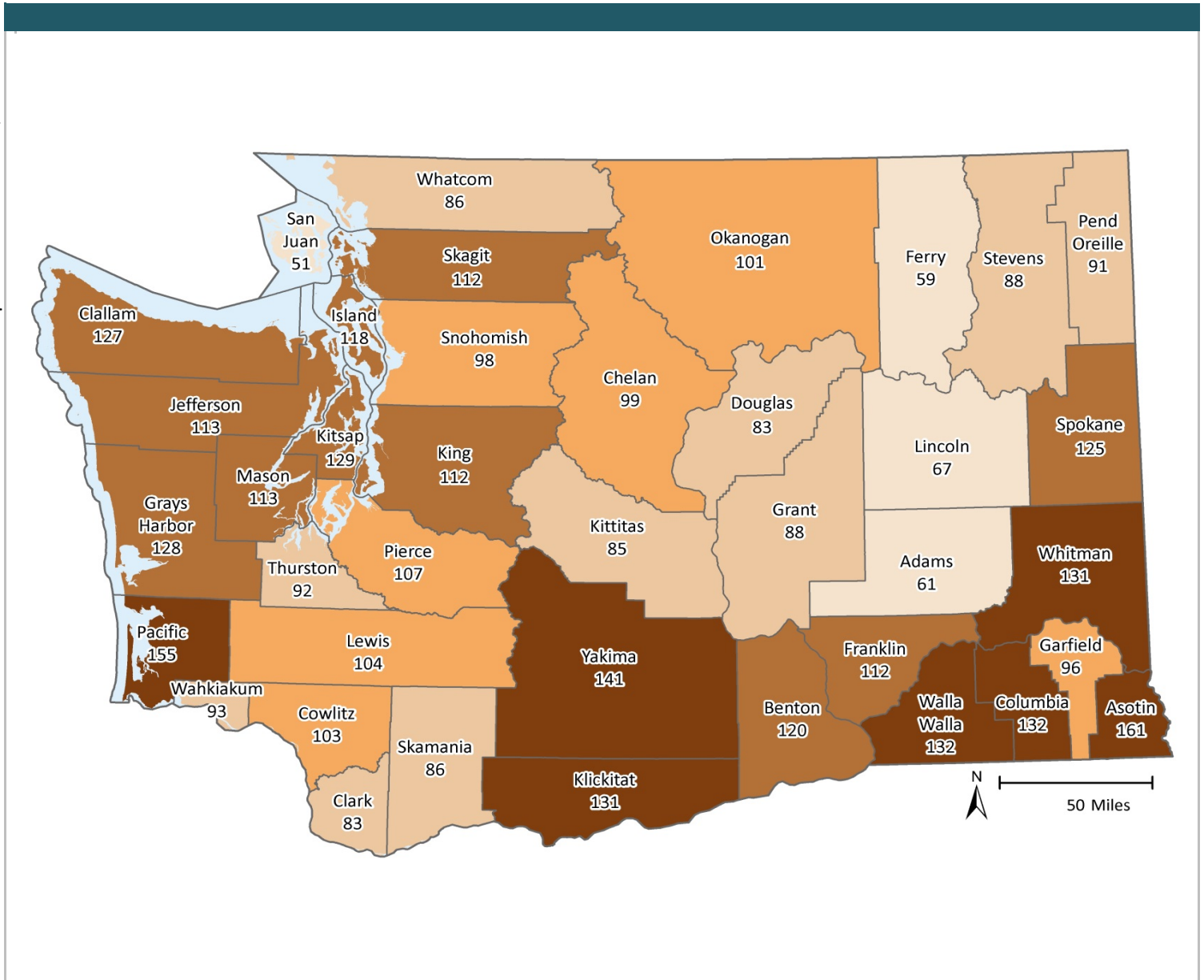
**Rate of ED Use per 1000 coverage months for Medicaid-Disabled Youth and Adults**



**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\*

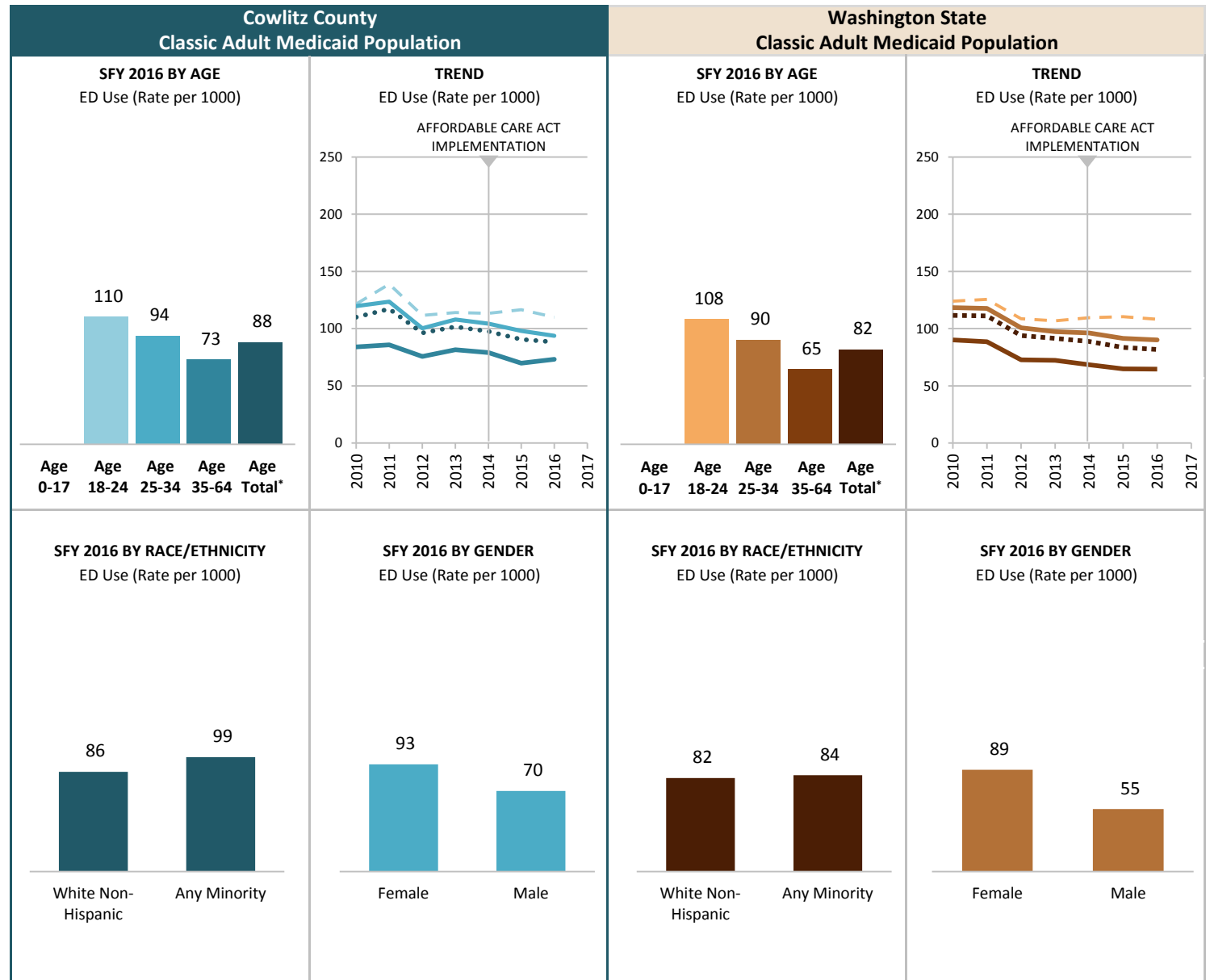
**STATE:**

- 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)**

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 /ED Use Rate per 1000</b>																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
<b>Age 18-24 /ED Use Rate per 1000</b>	<b>122</b>	<b>139</b>	<b>112</b>	<b>114</b>	<b>113</b>	<b>116</b>	<b>110</b>		<b>124</b>	<b>126</b>	<b>109</b>	<b>107</b>	<b>110</b>	<b>110</b>	<b>108</b>	
SFY ED Use Count	1,512	1,767	1,326	1,257	1,105	1,022	818		53,310	54,426	44,192	40,203	39,862	37,483	31,868	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.244	1.273	1.189	1.101	0.976	0.878	0.744		43.018	43.340	40.649	37.636	36.365	33.922	29.474	
<b>Age 25-34 /ED Use Rate per 1000</b>	<b>120</b>	<b>124</b>	<b>100</b>	<b>108</b>	<b>104</b>	<b>98</b>	<b>94</b>		<b>118</b>	<b>118</b>	<b>101</b>	<b>97</b>	<b>96</b>	<b>92</b>	<b>90</b>	
SFY ED Use Count	2,052	2,280	1,846	1,973	2,148	2,122	2,057		73,885	79,814	68,104	65,952	74,519	82,712	78,140	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.715	1.846	1.841	1.828	2.060	2.163	2.194		62.472	67.822	67.654	67.713	77.421	90.340	86.684	
<b>Age 35-64/ED Use Rate per 1000</b>	<b>84</b>	<b>86</b>	<b>76</b>	<b>82</b>	<b>79</b>	<b>70</b>	<b>73</b>		<b>90</b>	<b>89</b>	<b>73</b>	<b>72</b>	<b>69</b>	<b>65</b>	<b>65</b>	
SFY ED Use Count	999	1,081	962	1,034	1,232	1,304	1,385		39,316	42,325	35,863	36,281	45,412	56,975	55,926	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.190	1.258	1.270	1.268	1.558	1.869	1.890		43.611	47.789	49.275	50.219	66.215	87.856	86.656	
<b>Age Total† /ED Use Rate per 1000</b>	<b>110</b>	<b>117</b>	<b>96</b>	<b>102</b>	<b>98</b>	<b>91</b>	<b>88</b>		<b>112</b>	<b>111</b>	<b>94</b>	<b>92</b>	<b>89</b>	<b>84</b>	<b>82</b>	
SFY ED Use Count	4,563	5,128	4,134	4,264	4,485	4,448	4,260		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.149	4.376	4.299	4.197	4.594	4.910	4.828		149.101	158.951	157.578	155.569	180.001	212.118	202.815	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian/ED Use Rate per 1000</b>	<b>157</b>	<b>176</b>	<b>141</b>	<b>148</b>	<b>128</b>	<b>113</b>	<b>118</b>		<b>165</b>	<b>165</b>	<b>136</b>	<b>127</b>	<b>125</b>	<b>124</b>	<b>122</b>	
SFY ED Use Count	668	755	565	637	566	497	502		22,079	22,734	18,331	16,777	17,671	18,813	17,927	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.426	0.428	0.400	0.429	0.443	0.438	0.425		13.414	13.767	13.515	13.187	14.121	15.222	14.640	
<b>Asian /ED Use Rate per 1000</b>	<b>109</b>	<b>84</b>	<b>89</b>	<b>94</b>	<b>81</b>	<b>78</b>	<b>91</b>		<b>66</b>	<b>62</b>	<b>54</b>	<b>56</b>	<b>53</b>	<b>47</b>	<b>49</b>	
SFY ED Use Count	104	69	82	82	75	84	87		4,515	4,756	4,415	4,588	5,585	6,362	6,227	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.095	0.082	0.092	0.087	0.093	0.108	0.096		6.860	7.714	8.167	8.189	10.483	13.478	12.825	
<b>Black /ED Use Rate per 1000</b>	<b>102</b>	<b>136</b>	<b>124</b>	<b>113</b>	<b>120</b>	<b>137</b>	<b>115</b>		<b>116</b>	<b>117</b>	<b>104</b>	<b>103</b>	<b>102</b>	<b>101</b>	<b>97</b>	
SFY ED Use Count	87	135	127	124	160	173	160		19,934	21,923	19,655	19,490	21,685	23,260	21,134	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.085	0.099	0.103	0.109	0.133	0.127	0.140		17.191	18.684	18.867	18.937	21.172	23.026	21.765	
<b>Hawaiian/Pi /ED Use Rate per 1000</b>	<b>80</b>	<b>65</b>	<b>119</b>	<b>98</b>	<b>94</b>	<b>86</b>	<b>90</b>		<b>83</b>	<b>82</b>	<b>74</b>	<b>73</b>	<b>74</b>	<b>70</b>	<b>72</b>	
SFY ED Use Count	41	33	49	42	55	62	71		4,137	4,590	4,404	4,550	5,689	6,726	6,559	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.052	0.050	0.041	0.043	0.059	0.073	0.079		4.988	5.567	5.955	6.259	7.657	9.596	9.168	
<b>Hispanic /ED Use Rate per 1000</b>	<b>104</b>	<b>102</b>	<b>83</b>	<b>97</b>	<b>101</b>	<b>78</b>	<b>84</b>		<b>104</b>	<b>102</b>	<b>88</b>	<b>88</b>	<b>87</b>	<b>82</b>	<b>81</b>	
SFY ED Use Count	326	368	301	350	423	367	382		22,967	24,388	21,702	21,643	26,514	31,656	29,555	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.312	0.362	0.361	0.361	0.418	0.468	0.454		22.024	24.021	24.692	24.641	30.556	38.680	36.393	
<b>White Only /ED Use Rate per 1000</b>	<b>106</b>	<b>114</b>	<b>92</b>	<b>97</b>	<b>95</b>	<b>90</b>	<b>86</b>		<b>114</b>	<b>114</b>	<b>95</b>	<b>92</b>	<b>89</b>	<b>84</b>	<b>82</b>	
SFY ED Use Count	3,399	3,867	3,092	3,142	3,348	3,395	3,193		99,871	105,336	86,413	82,027	90,588	98,566	92,103	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.220	3.402	3.343	3.248	3.534	3.786	3.712		87.403	92.363	90.486	88.935	101.355	117.547	112.552	
<b>Any Minority /ED Use Rate per 1000</b>	<b>129</b>	<b>135</b>	<b>114</b>	<b>122</b>	<b>111</b>	<b>96</b>	<b>99</b>		<b>112</b>	<b>111</b>	<b>95</b>	<b>93</b>	<b>90</b>	<b>85</b>	<b>84</b>	
SFY ED Use Count	1,113	1,224	1,013	1,092	1,117	1,029	1,047		64,720	69,112	59,962	58,657	67,429	76,264	71,284	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.863	0.903	0.890	0.896	1.002	1.072	1.062		57.623	62.111	63.150	62.938	74.584	89.324	84.561	
<b>Population by Gender</b>																
<b>Females /ED Use Rate per 1000</b>	<b>116</b>	<b>125</b>	<b>103</b>	<b>109</b>	<b>104</b>	<b>97</b>	<b>93</b>		<b>119</b>	<b>120</b>	<b>102</b>	<b>99</b>	<b>97</b>	<b>91</b>	<b>89</b>	
SFY ED Use Count	3,704	4,119	3,351	3,457	3,617	3,702	3,542		139,817	148,695	125,599	120,942	136,007	151,563	142,581	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.182	3.294	3.264	3.178	3.489	3.833	3.805		117.537	124.062	122.833	121.806	140.360	166.156	160.103	
<b>Males /ED Use Rate per 1000</b>	<b>89</b>	<b>93</b>	<b>76</b>	<b>79</b>	<b>79</b>	<b>69</b>	<b>70</b>		<b>85</b>	<b>80</b>	<b>65</b>	<b>64</b>	<b>60</b>	<b>56</b>	<b>55</b>	
SFY ED Use Count	859	1,009	783	807	868	746	718		26,694	27,870	22,560	21,494	23,786	25,607	23,353	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.967	1.082	1.036	1.019	1.106	1.077	1.023		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

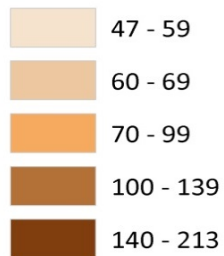
MARCH 2017

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.

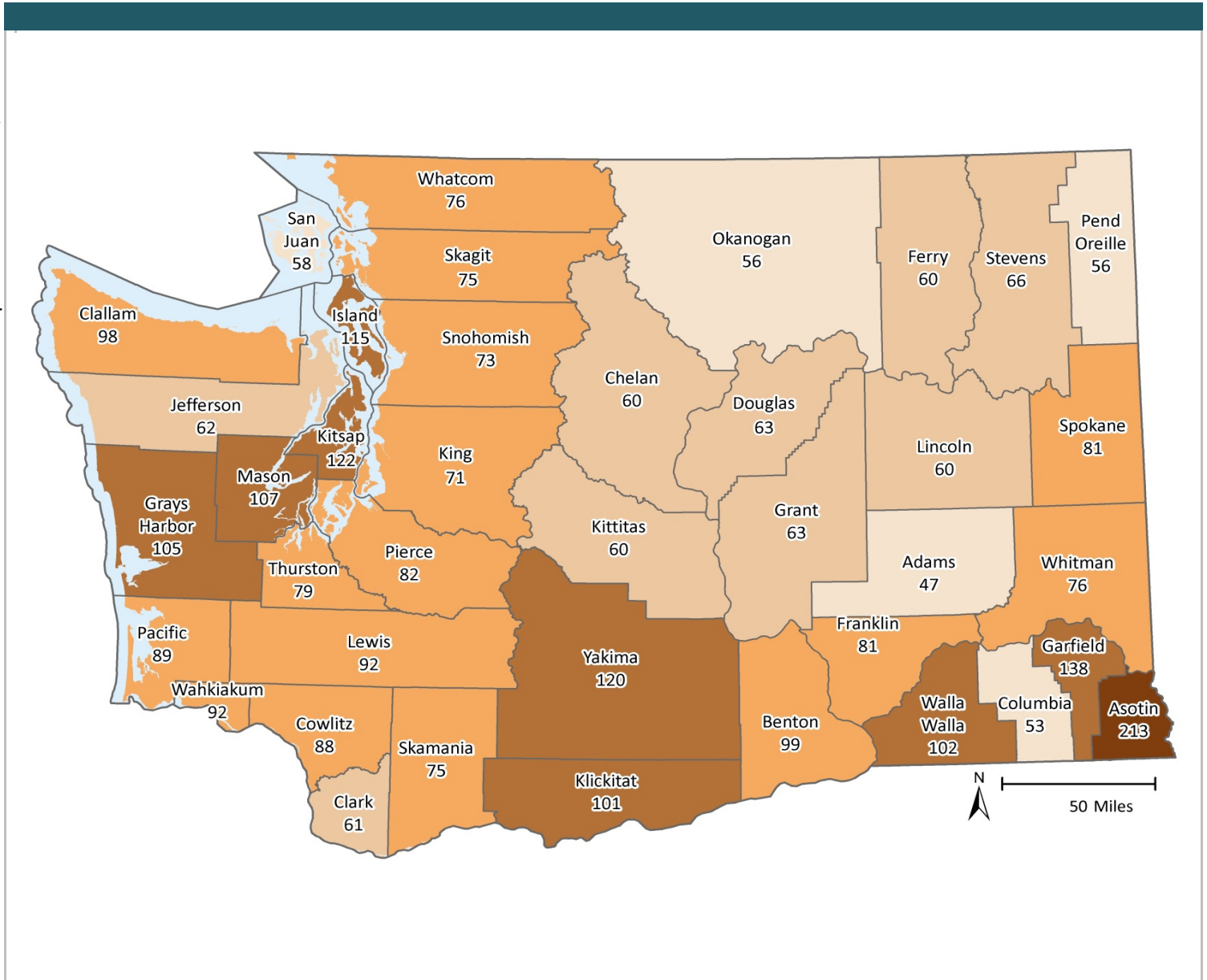
**Rate of ED Use per 1000 coverage months for Medicaid-Classic Adults**



**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\*

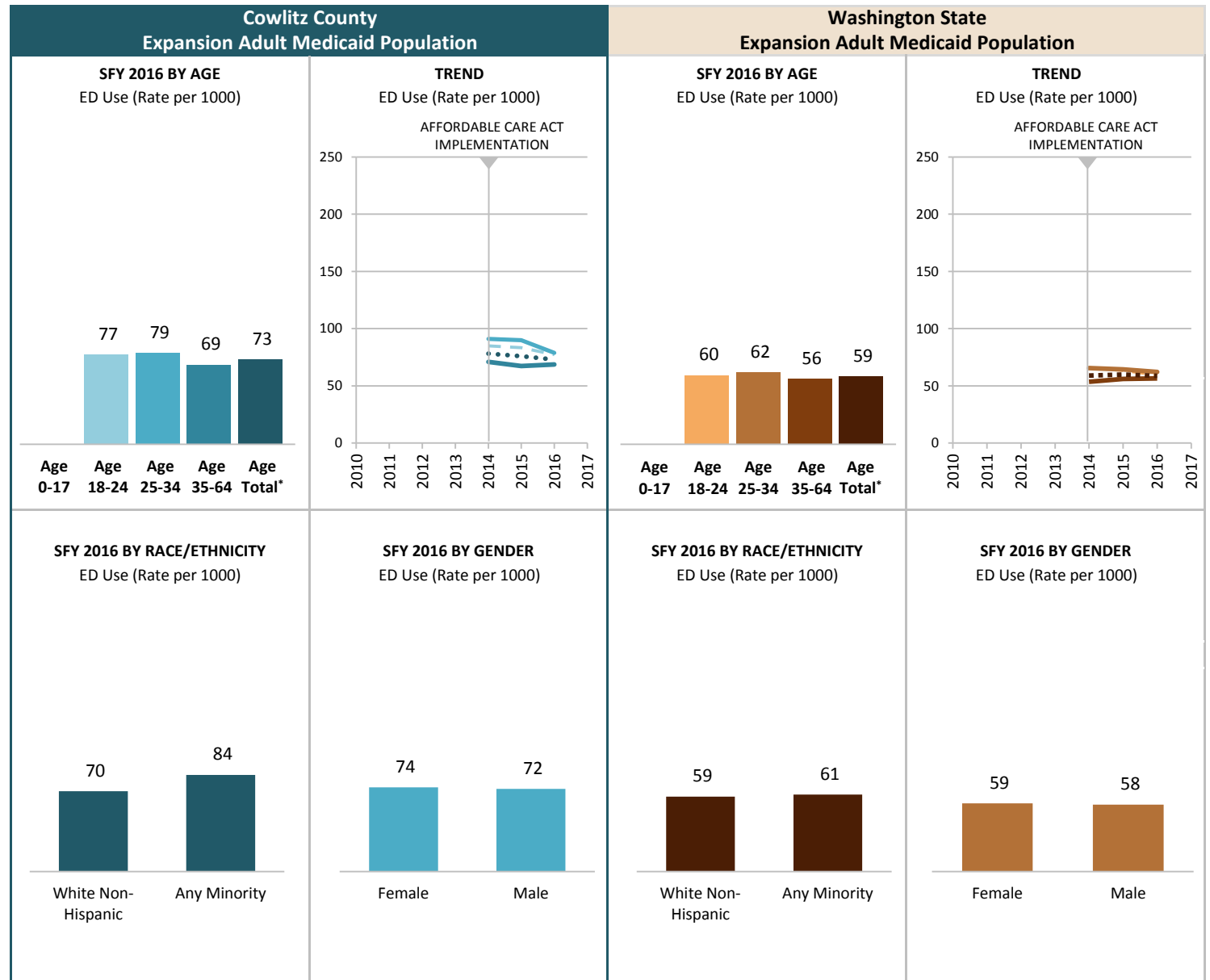
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 /ED Use Rate per 1000</b>																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
<b>Age 18-24 /ED Use Rate per 1000</b>					<b>85</b>	<b>83</b>	<b>77</b>						<b>66</b>	<b>64</b>	<b>60</b>	
SFY ED Use Count					455	1,454	1,750						20,550	61,366	69,749	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.536	1.745	2.264						31.266	96.569	117.129	
<b>Age 25-34 /ED Use Rate per 1000</b>					<b>91</b>	<b>90</b>	<b>79</b>						<b>66</b>	<b>64</b>	<b>62</b>	
SFY ED Use Count					787	2,521	2,927						33,192	103,327	118,967	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.865	2.803	3.715						50.565	160.272	191.668	
<b>Age 35-64/ED Use Rate per 1000</b>					<b>71</b>	<b>67</b>	<b>69</b>						<b>54</b>	<b>56</b>	<b>56</b>	
SFY ED Use Count					1,400	3,971	4,823						53,779	165,906	188,193	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.974	5.905	7.032						100.322	296.104	333.649	
<b>Age Total† /ED Use Rate per 1000</b>					<b>78</b>	<b>76</b>	<b>73</b>						<b>59</b>	<b>60</b>	<b>59</b>	
SFY ED Use Count					2,642	7,946	9,500						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					3.375	10.453	13.011						182.153	552.945	642.446	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian/ED Use Rate per 1000</b>					<b>124</b>	<b>112</b>	<b>115</b>						<b>120</b>	<b>111</b>	<b>105</b>	
SFY ED Use Count					492	1,209	1,410						10,352	32,134	37,051	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.397	1.084	1.231						8.651	29.005	35.387	
<b>Asian /ED Use Rate per 1000</b>					<b>24</b>	<b>46</b>	<b>51</b>						<b>24</b>	<b>26</b>	<b>27</b>	
SFY ED Use Count					19	102	145						4,054	11,623	13,321	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.080	0.223	0.284						16.913	45.279	49.274	
<b>Black /ED Use Rate per 1000</b>					<b>117</b>	<b>84</b>	<b>97</b>						<b>84</b>	<b>82</b>	<b>80</b>	
SFY ED Use Count					79	196	308						11,976	38,067	43,822	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.068	0.234	0.318						14.280	46.235	54.737	
<b>Hawaiian/PI /ED Use Rate per 1000</b>					<b>80</b>	<b>82</b>	<b>65</b>						<b>50</b>	<b>50</b>	<b>50</b>	
SFY ED Use Count					30	114	117						2,798	9,035	10,768	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.038	0.138	0.180						5.554	18.244	21.642	
<b>Hispanic /ED Use Rate per 1000</b>					<b>51</b>	<b>74</b>	<b>64</b>						<b>53</b>	<b>56</b>	<b>57</b>	
SFY ED Use Count					130	629	723						14,018	44,778	52,730	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.254	0.848	1.125						26.607	79.715	92.796	
<b>White Only /ED Use Rate per 1000</b>					<b>76</b>	<b>73</b>	<b>70</b>						<b>61</b>	<b>61</b>	<b>59</b>	
SFY ED Use Count					1,948	5,818	6,949						66,991	203,276	229,016	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.556	7.957	9.902						109.696	333.649	387.527	
<b>Any Minority /ED Use Rate per 1000</b>					<b>89</b>	<b>88</b>	<b>84</b>						<b>59</b>	<b>61</b>	<b>61</b>	
SFY ED Use Count					682	2,041	2,388						38,837	121,375	140,334	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.769	2.314	2.827						66.078	199.095	230.384	
<b>Population by Gender</b>																
<b>Females /ED Use Rate per 1000</b>					<b>76</b>	<b>75</b>	<b>74</b>						<b>56</b>	<b>59</b>	<b>59</b>	
SFY ED Use Count					1,256	3,864	4,677						51,163	162,681	187,907	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.660	5.159	6.345						90.984	274.642	317.371	
<b>Males /ED Use Rate per 1000</b>					<b>81</b>	<b>77</b>	<b>72</b>						<b>62</b>	<b>60</b>	<b>58</b>	
SFY ED Use Count					1,386	4,082	4,823						56,358	167,918	189,002	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.714	5.293	6.666						91.168	278.302	325.075	



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

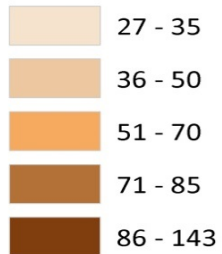
MARCH 2017

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.

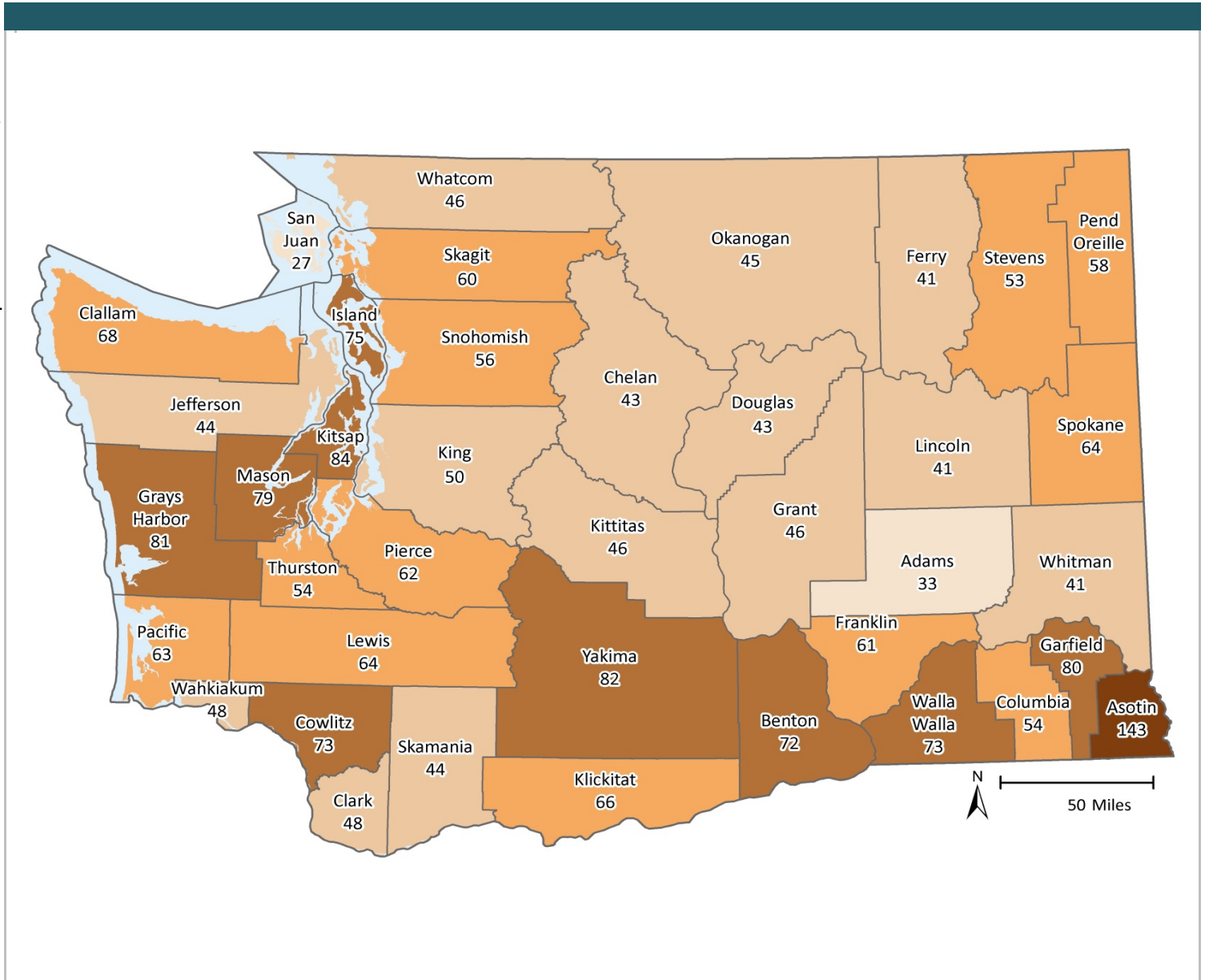
**Rate of ED Use per 1000 coverage months for Medicaid-Expansion Adults**



**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.





# Cowlitz 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\*

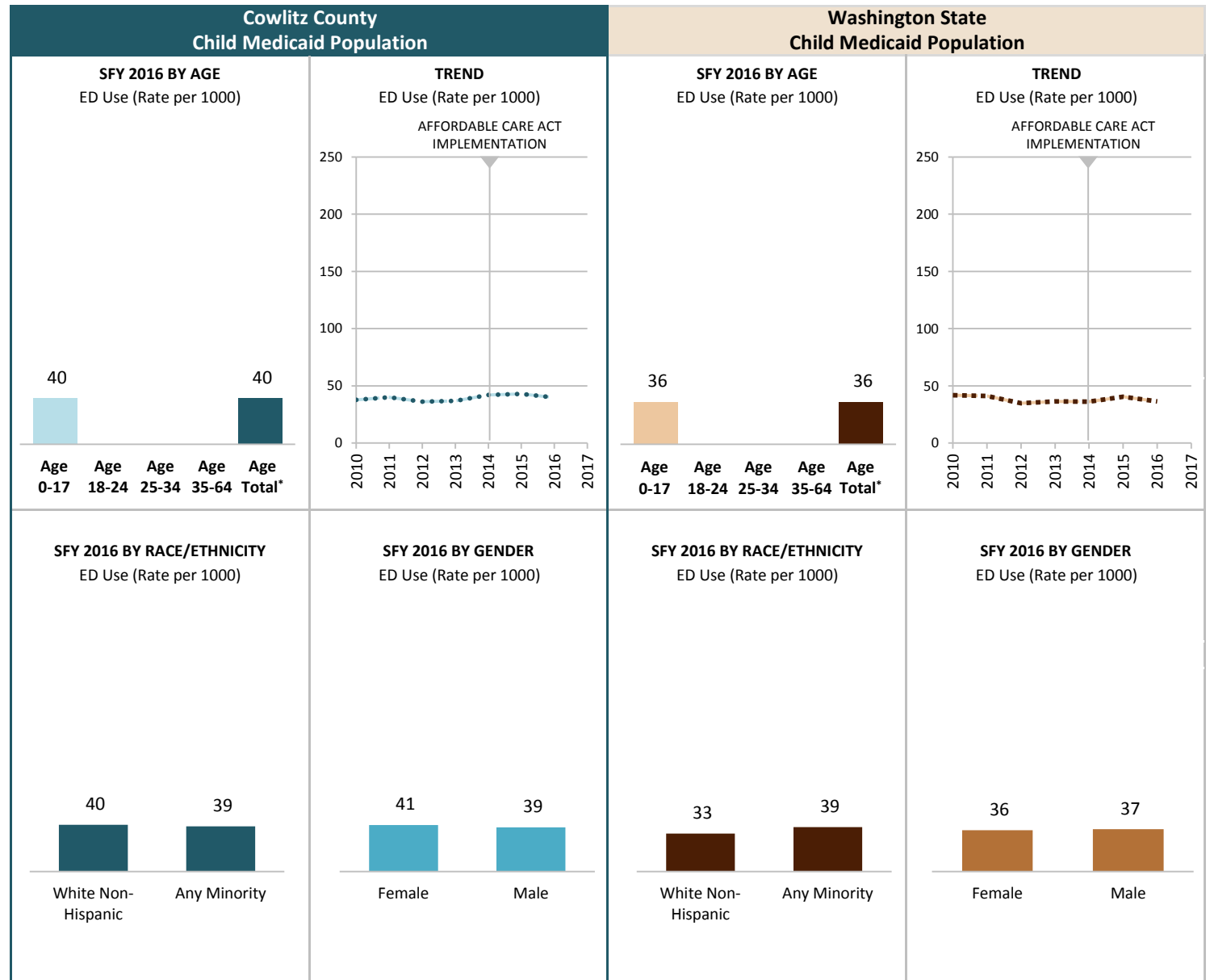
##### STATE:

- 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)**

	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 /ED Use Rate per 1000</b>	<b>38</b>	<b>40</b>	<b>36</b>	<b>37</b>	<b>42</b>	<b>43</b>	<b>40</b>		<b>42</b>	<b>41</b>	<b>35</b>	<b>36</b>	<b>36</b>	<b>40</b>	<b>36</b>	
SFY ED Use Count	5,121	5,645	5,110	5,173	5,892	6,268	6,311		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	13.584	14.072	14.086	13.988	14.009	14.594	15.872		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
<b>Age 18-24 /ED Use Rate per 1000</b>																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
<b>Age 25-34 /ED Use Rate per 1000</b>																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
<b>Age 35-64/ED Use Rate per 1000</b>																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
<b>Age Total† /ED Use Rate per 1000</b>	<b>38</b>	<b>40</b>	<b>36</b>	<b>37</b>	<b>42</b>	<b>43</b>	<b>40</b>		<b>42</b>	<b>41</b>	<b>35</b>	<b>36</b>	<b>36</b>	<b>40</b>	<b>36</b>	
SFY ED Use Count	5,121	5,645	5,110	5,173	5,892	6,268	6,311		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	13.584	14.072	14.086	13.988	14.009	14.594	15.872		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian/ED Use Rate per 1000</b>	<b>55</b>	<b>56</b>	<b>50</b>	<b>46</b>	<b>49</b>	<b>44</b>	<b>47</b>		<b>55</b>	<b>53</b>	<b>47</b>	<b>48</b>	<b>47</b>	<b>51</b>	<b>45</b>	
SFY ED Use Count	620	615	525	472	499	420	446		23,882	23,553	20,808	21,058	20,321	22,252	20,488	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.121	1.097	1.056	1.024	1.010	0.948	0.947		43.359	44.329	44.432	44.298	43.361	44.035	45.324	
<b>Asian /ED Use Rate per 1000</b>	<b>28</b>	<b>35</b>	<b>30</b>	<b>32</b>	<b>35</b>	<b>36</b>	<b>26</b>		<b>24</b>	<b>24</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>26</b>	<b>23</b>	
SFY ED Use Count	79	105	88	97	109	109	83		9,141	9,758	9,216	10,078	10,676	12,502	11,351	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.282	0.299	0.290	0.302	0.313	0.306	0.322		37.644	40.438	42.103	43.046	45.593	48.798	50.102	
<b>Black /ED Use Rate per 1000</b>	<b>42</b>	<b>43</b>	<b>40</b>	<b>42</b>	<b>45</b>	<b>44</b>	<b>43</b>		<b>44</b>	<b>45</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>48</b>	<b>42</b>	
SFY ED Use Count	193	208	189	201	239	233	251		30,340	32,237	29,994	31,888	32,276	37,684	34,629	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.462	0.480	0.470	0.482	0.529	0.528	0.589		68.256	71.559	73.599	75.120	76.416	79.215	82.682	
<b>Hawaiian/PI /ED Use Rate per 1000</b>	<b>33</b>	<b>39</b>	<b>43</b>	<b>45</b>	<b>51</b>	<b>42</b>	<b>37</b>		<b>38</b>	<b>39</b>	<b>35</b>	<b>37</b>	<b>37</b>	<b>40</b>	<b>35</b>	
SFY ED Use Count	72	97	101	108	140	120	124		9,394	10,613	10,095	11,170	11,597	13,556	12,804	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.215	0.247	0.235	0.243	0.273	0.287	0.332		24.736	27.264	29.251	30.458	31.623	34.004	36.909	
<b>Hispanic /ED Use Rate per 1000</b>	<b>39</b>	<b>40</b>	<b>34</b>	<b>34</b>	<b>42</b>	<b>41</b>	<b>38</b>		<b>50</b>	<b>48</b>	<b>37</b>	<b>40</b>	<b>40</b>	<b>46</b>	<b>41</b>	
SFY ED Use Count	1,111	1,199	1,064	1,093	1,327	1,340	1,331		101,976	103,169	83,227	89,981	91,993	110,792	103,864	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.880	3.026	3.103	3.187	3.155	3.303	3.508		204.069	215.795	222.440	226.878	231.589	243.291	255.104	
<b>White Only /ED Use Rate per 1000</b>	<b>36</b>	<b>39</b>	<b>36</b>	<b>37</b>	<b>42</b>	<b>44</b>	<b>40</b>		<b>37</b>	<b>37</b>	<b>33</b>	<b>34</b>	<b>33</b>	<b>36</b>	<b>33</b>	
SFY ED Use Count	3,063	3,428	3,146	3,194	3,557	3,916	3,931		100,941	106,304	94,823	97,153	99,593	115,320	110,411	
SFY Medicaid Mo. Cnt. (10 Thsds)	8.550	8.750	8.736	8.603	8.543	8.940	9.720		273.089	286.326	290.593	289.951	297.587	316.154	331.518	
<b>Any Minority /ED Use Rate per 1000</b>	<b>42</b>	<b>42</b>	<b>37</b>	<b>37</b>	<b>43</b>	<b>41</b>	<b>39</b>		<b>46</b>	<b>45</b>	<b>37</b>	<b>39</b>	<b>39</b>	<b>44</b>	<b>39</b>	
SFY ED Use Count	1,874	1,976	1,742	1,765	2,079	2,026	2,046		156,665	160,107	135,882	146,020	148,434	176,403	164,441	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.497	4.666	4.689	4.756	4.789	4.897	5.209		339.312	358.217	368.889	375.759	384.207	403.690	422.961	
<b>Population by Gender</b>																
<b>Females /ED Use Rate per 1000</b>	<b>40</b>	<b>41</b>	<b>37</b>	<b>37</b>	<b>43</b>	<b>43</b>	<b>41</b>		<b>41</b>	<b>40</b>	<b>34</b>	<b>36</b>	<b>36</b>	<b>40</b>	<b>36</b>	
SFY ED Use Count	2,703	2,934	2,587	2,601	2,999	3,111	3,219		131,808	137,701	118,857	126,022	128,856	153,642	146,708	
SFY Medicaid Mo. Cnt. (10 Thsds)	6.811	7.094	7.084	7.118	7.050	7.257	7.880		321.978	340.726	348.813	352.004	361.357	384.346	408.192	
<b>Males /ED Use Rate per 1000</b>	<b>36</b>	<b>39</b>	<b>36</b>	<b>37</b>	<b>42</b>	<b>43</b>	<b>39</b>		<b>43</b>	<b>42</b>	<b>35</b>	<b>37</b>	<b>37</b>	<b>41</b>	<b>37</b>	
SFY ED Use Count	2,418	2,711	2,523	2,572	2,893	3,157	3,092		140,586	146,046	126,946	134,345	136,881	161,937	154,962	
SFY Medicaid Mo. Cnt. (10 Thsds)	6.773	6.978	7.002	6.870	6.959	7.338	7.992		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

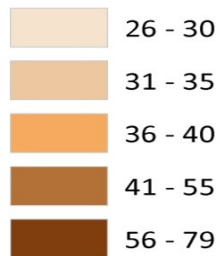
MARCH 2017

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.

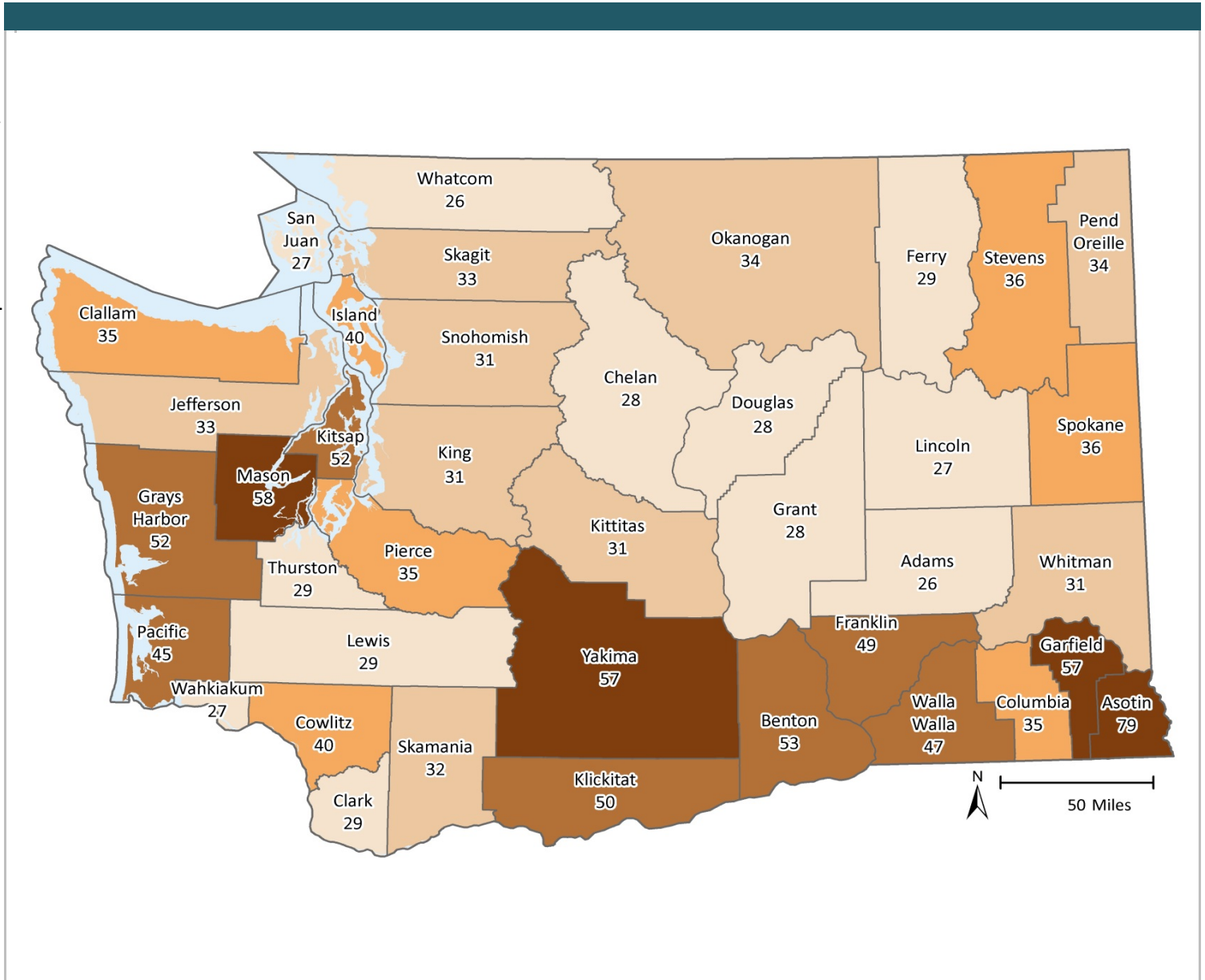
**Rate of ED Use per 1000 coverage months for Medicaid-Children**



**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

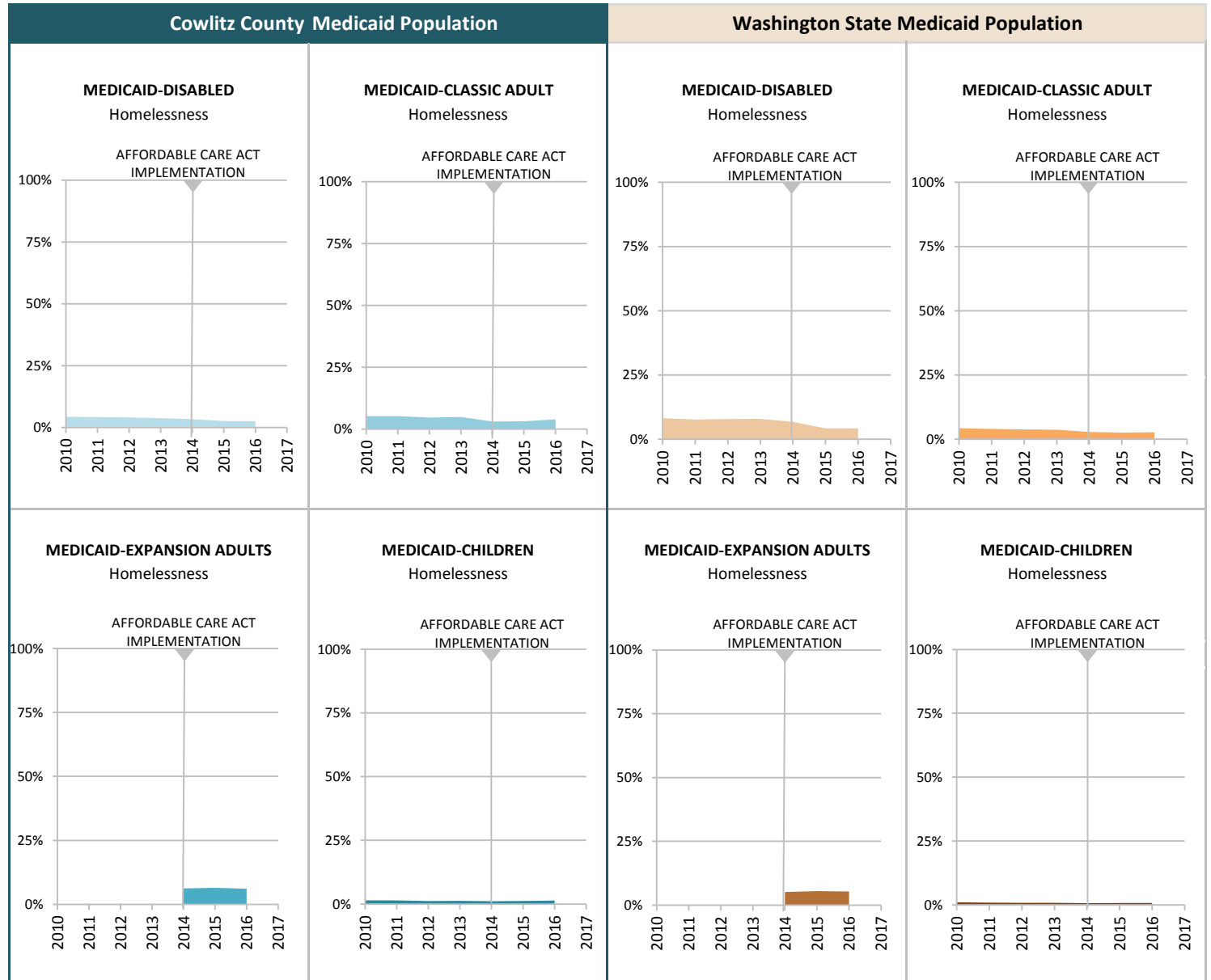
**STATE:**

- 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	Cowlitz County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Medicaid-Disabled</b>	<b>4.3%</b>	<b>4.2%</b>	<b>4.0%</b>	<b>3.8%</b>	<b>3.3%</b>	<b>2.6%</b>	<b>2.5%</b>		<b>8.2%</b>	<b>7.7%</b>	<b>7.9%</b>	<b>7.9%</b>	<b>6.8%</b>	<b>4.2%</b>	<b>4.2%</b>	
Persons w/Homelessness	142	147	146	142	121	80	78		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Medicaid-Classic Adults</b>	<b>5.2%</b>	<b>5.2%</b>	<b>4.6%</b>	<b>4.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.9%</b>		<b>4.3%</b>	<b>4.0%</b>	<b>3.8%</b>	<b>3.7%</b>	<b>2.8%</b>	<b>2.6%</b>	<b>2.7%</b>	
Persons w/Homelessness	259	271	238	242	154	151	184		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Medicaid-Expansion Adults</b>					<b>6.2%</b>	<b>6.4%</b>	<b>6.1%</b>						<b>5.2%</b>	<b>5.5%</b>	<b>5.3%</b>	
Persons w/Homelessness					404	728	807						18,570	32,850	35,815	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Medicaid-Children</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.4%</b>		<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	185	190	157	165	148	165	203		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		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\*

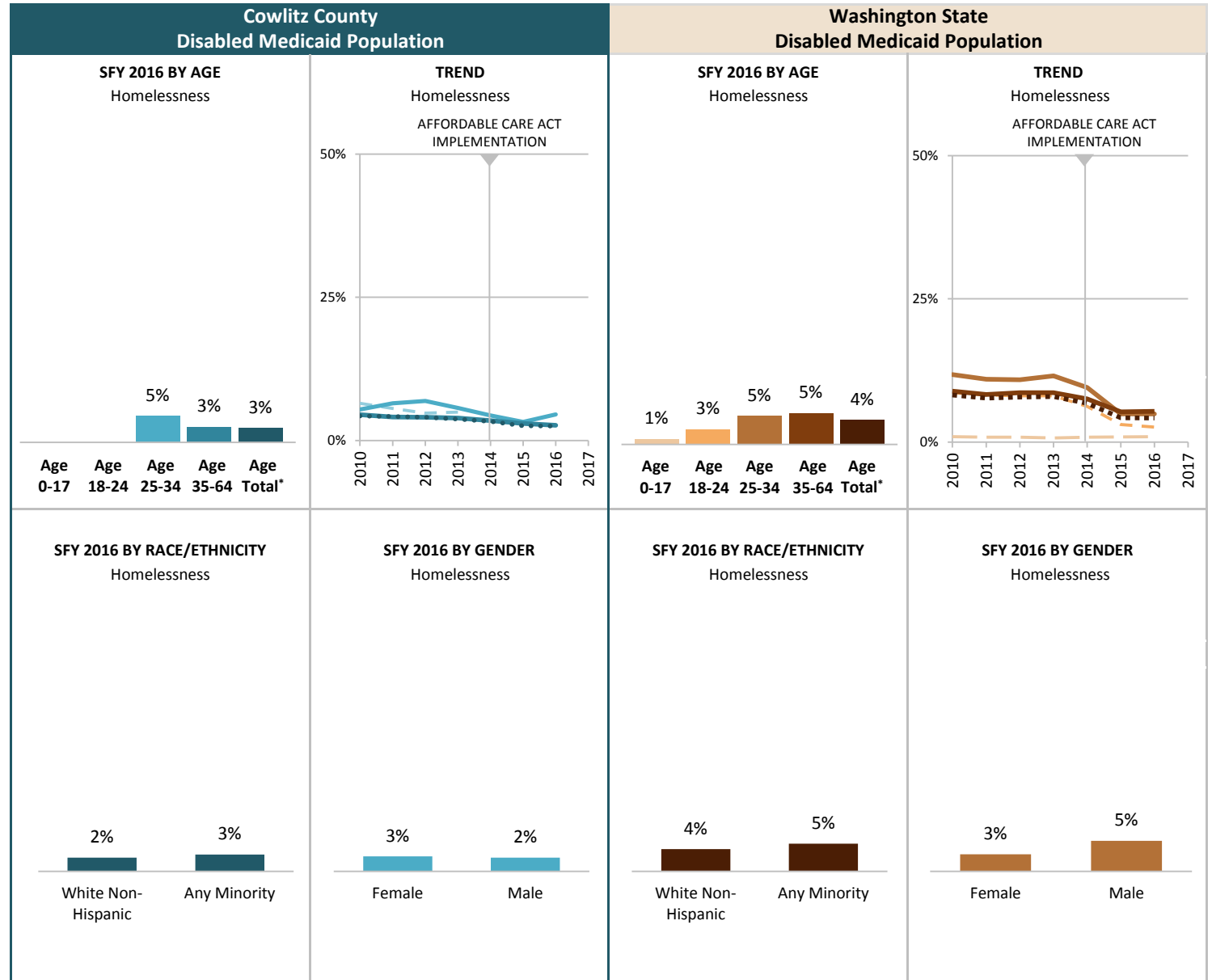
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Homelessness</b>					<b>2.6%</b>				<b>1.0%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>	
Persons w/Homelessness					15				162	150	153	135	160	165	176	
Total persons	501	522	527	550	587	576	567		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
<b>Age 18-24 w/Homelessness</b>	<b>6.5%</b>	<b>5.6%</b>	<b>4.8%</b>	<b>5.0%</b>					<b>8.6%</b>	<b>8.2%</b>	<b>8.1%</b>	<b>8.1%</b>	<b>6.2%</b>	<b>3.1%</b>	<b>2.6%</b>	
Persons w/Homelessness	22	19	15	17					1,070	1,031	1,018	1,031	742	299	252	
Total persons	338	339	314	342	312	277	276		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
<b>Age 25-34 w/Homelessness</b>	<b>5.4%</b>	<b>6.5%</b>	<b>6.9%</b>	<b>5.7%</b>	<b>4.4%</b>	<b>3.3%</b>	<b>4.6%</b>		<b>11.8%</b>	<b>11.0%</b>	<b>10.9%</b>	<b>11.5%</b>	<b>9.5%</b>	<b>4.9%</b>	<b>4.9%</b>	
Persons w/Homelessness	23	29	32	27	20	13	18		1,998	1,918	2,000	2,237	1,757	670	670	
Total persons	423	446	462	474	457	397	395		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
<b>Age 35-64 w/Homelessness</b>	<b>4.5%</b>	<b>4.1%</b>	<b>4.1%</b>	<b>3.9%</b>	<b>3.5%</b>	<b>3.0%</b>	<b>2.7%</b>		<b>8.9%</b>	<b>8.3%</b>	<b>8.6%</b>	<b>8.6%</b>	<b>7.6%</b>	<b>5.3%</b>	<b>5.4%</b>	
Persons w/Homelessness	92	91	94	95	79	55	50		7,021	6,766	7,382	7,732	6,336	3,210	3,180	
Total persons	2,031	2,207	2,302	2,411	2,266	1,843	1,868		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
<b>Age Total<sup>1</sup> w/Homelessness</b>	<b>4.3%</b>	<b>4.2%</b>	<b>4.0%</b>	<b>3.8%</b>	<b>3.3%</b>	<b>2.6%</b>	<b>2.5%</b>		<b>8.2%</b>	<b>7.7%</b>	<b>7.9%</b>	<b>7.9%</b>	<b>6.8%</b>	<b>4.2%</b>	<b>4.2%</b>	
Persons w/Homelessness	142	147	146	142	121	80	78		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	3,293	3,514	3,605	3,777	3,622	3,093	3,106		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Homelessness</b>	<b>5.6%</b>	<b>6.7%</b>	<b>6.9%</b>	<b>5.8%</b>	<b>4.5%</b>	<b>3.3%</b>	<b>3.6%</b>		<b>11.8%</b>	<b>10.9%</b>	<b>10.8%</b>	<b>10.5%</b>	<b>8.6%</b>	<b>5.9%</b>	<b>6.1%</b>	
Persons w/Homelessness	23	30	35	34	26	15	16		1,498	1,411	1,449	1,474	1,139	614	620	
Total persons	408	446	505	589	576	450	443		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
<b>Asian w/Homelessness</b>									<b>4.9%</b>	<b>4.7%</b>	<b>4.9%</b>	<b>5.2%</b>	<b>4.5%</b>	<b>2.6%</b>	<b>2.4%</b>	
Persons w/Homelessness									301	294	315	352	288	132	122	
Total persons	40	39	39	39	45	38	36		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
<b>Black w/Homelessness</b>									<b>16.2%</b>	<b>15.1%</b>	<b>14.6%</b>	<b>14.3%</b>	<b>12.1%</b>	<b>7.5%</b>	<b>7.2%</b>	
Persons w/Homelessness									2,554	2,495	2,574	2,653	2,189	1,073	1,032	
Total persons	93	89	103	107	111	105	100		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
<b>Hawaiian/PI w/Homelessness</b>									<b>6.5%</b>	<b>6.1%</b>	<b>6.6%</b>	<b>7.1%</b>	<b>6.0%</b>	<b>3.2%</b>	<b>2.6%</b>	
Persons w/Homelessness									174	176	200	232	194	84	69	
Total persons	26	22	30	33	38	36	31		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
<b>Hispanic w/Homelessness</b>		<b>6.6%</b>							<b>6.0%</b>	<b>5.7%</b>	<b>5.8%</b>	<b>5.7%</b>	<b>4.6%</b>	<b>3.0%</b>	<b>2.9%</b>	
Persons w/Homelessness		13							714	731	806	851	663	359	351	
Total persons	170	198	210	236	228	191	208		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
<b>White Only w/Homelessness</b>	<b>4.2%</b>	<b>3.6%</b>	<b>3.8%</b>	<b>3.3%</b>	<b>2.9%</b>	<b>2.6%</b>	<b>2.4%</b>		<b>7.0%</b>	<b>6.7%</b>	<b>6.9%</b>	<b>7.1%</b>	<b>6.1%</b>	<b>3.8%</b>	<b>3.9%</b>	
Persons w/Homelessness	109	100	105	94	77	60	56		5,533	5,323	5,752	6,158	4,973	2,340	2,341	
Total persons	2,607	2,760	2,774	2,841	2,685	2,320	2,346		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
<b>Any Minority w/Homelessness</b>	<b>4.9%</b>	<b>6.5%</b>	<b>5.2%</b>	<b>5.2%</b>	<b>4.8%</b>	<b>2.7%</b>	<b>2.9%</b>		<b>10.4%</b>	<b>9.7%</b>	<b>9.7%</b>	<b>9.5%</b>	<b>8.0%</b>	<b>4.9%</b>	<b>4.8%</b>	
Persons w/Homelessness	32	46	41	47	43	20	21		4,648	4,492	4,746	4,908	3,956	1,967	1,906	
Total persons	658	711	795	904	899	732	721		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
<b>Population by Gender</b>																
<b>Females w/Homelessness</b>	<b>2.5%</b>	<b>3.5%</b>	<b>3.4%</b>	<b>2.8%</b>	<b>2.2%</b>	<b>2.9%</b>	<b>2.6%</b>		<b>5.2%</b>	<b>4.9%</b>	<b>5.1%</b>	<b>5.2%</b>	<b>4.4%</b>	<b>3.0%</b>	<b>3.0%</b>	
Persons w/Homelessness	43	64	65	55	41	46	41		3,220	3,083	3,313	3,523	2,786	1,503	1,447	
Total persons	1,712	1,841	1,912	1,954	1,840	1,582	1,571		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
<b>Males w/Homelessness</b>	<b>6.3%</b>	<b>5.0%</b>	<b>4.8%</b>	<b>4.8%</b>	<b>4.5%</b>	<b>2.3%</b>	<b>2.4%</b>		<b>11.1%</b>	<b>10.4%</b>	<b>10.5%</b>	<b>10.5%</b>	<b>9.0%</b>	<b>5.4%</b>	<b>5.4%</b>	
Persons w/Homelessness	99	83	81	87	80	34	37		7,031	6,782	7,240	7,612	6,209	2,841	2,831	
Total persons	1,581	1,673	1,693	1,823	1,782	1,511	1,535		63,265	65,258	68,874	72,825	69,270	53,037	52,912	



# Homelessness Rates

## Among Medicaid-Disabled Youth and Adults, by County

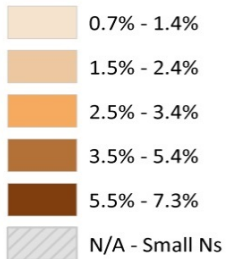
MARCH 2017

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.

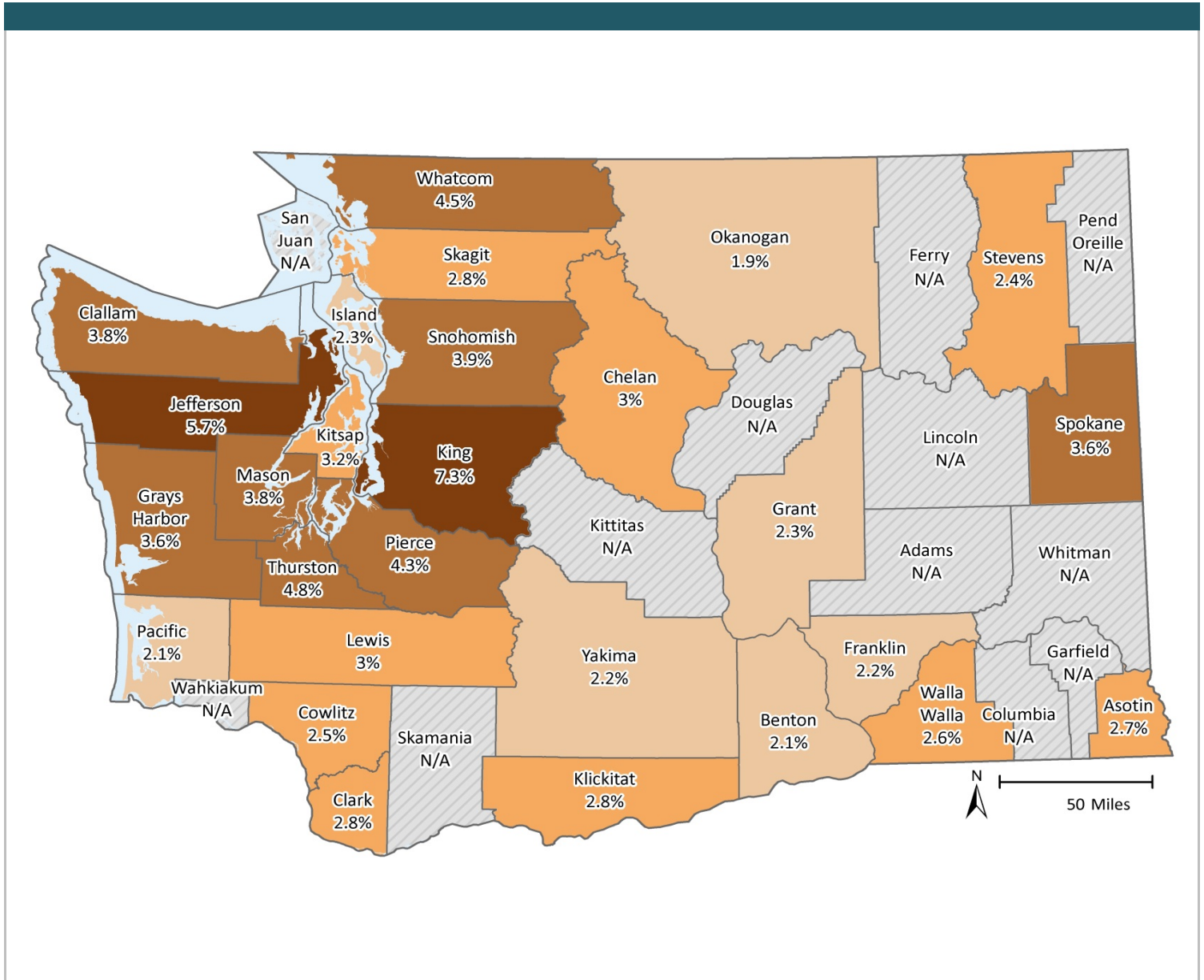
**Percent of Medicaid-Disabled Youth and Adults with Homelessness**



**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\*

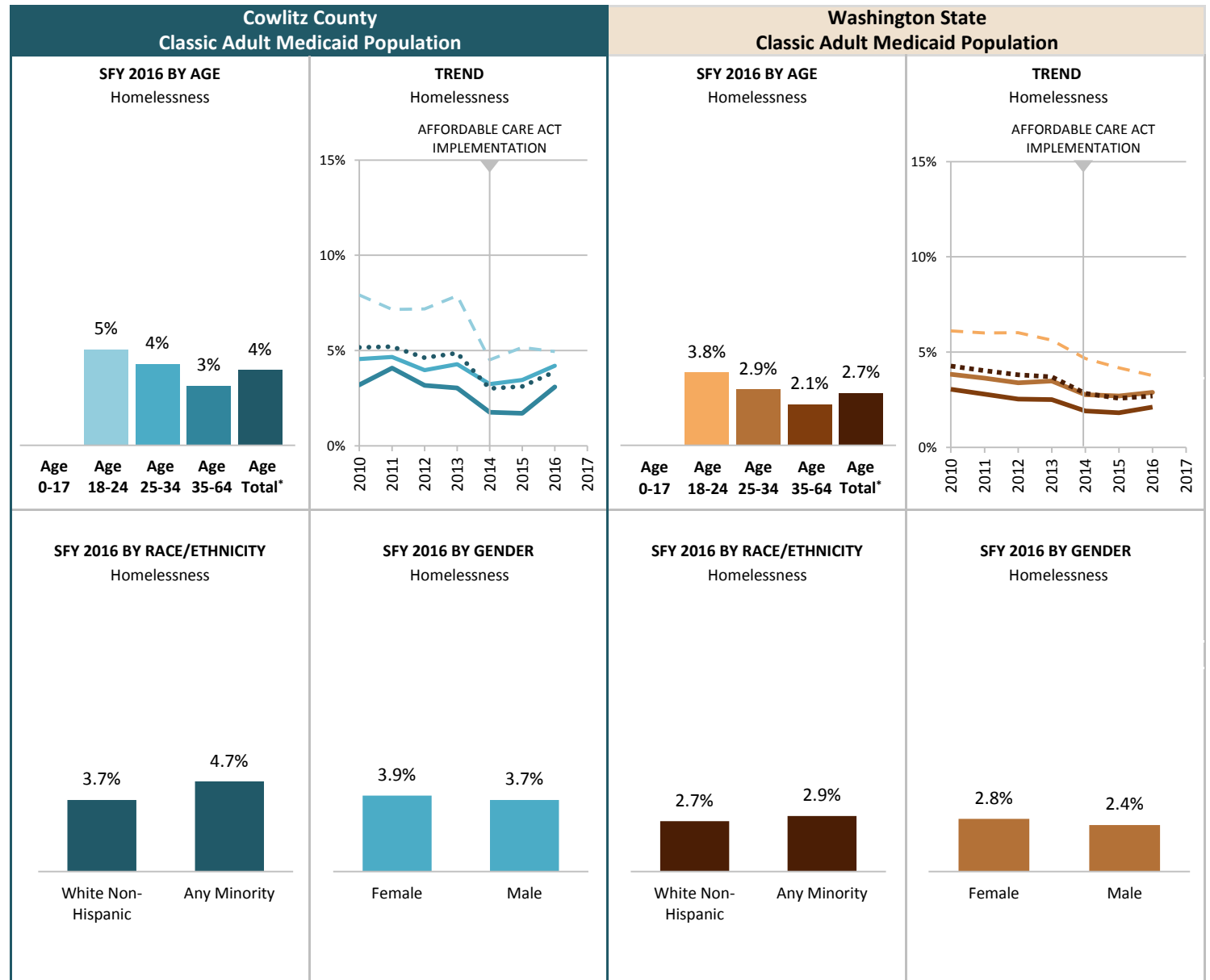
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Homelessness</b>																
Persons w/Homelessness																
Total persons																
<b>Age 18-24 w/Homelessness</b>	<b>7.9%</b>	<b>7.2%</b>	<b>7.2%</b>	<b>7.9%</b>	<b>4.5%</b>	<b>5.2%</b>	<b>4.9%</b>		<b>6.1%</b>	<b>6.0%</b>	<b>6.0%</b>	<b>5.6%</b>	<b>4.7%</b>	<b>4.2%</b>	<b>3.8%</b>	
Persons w/Homelessness	118	106	102	104	49	46	37		3,283	3,200	3,031	2,635	1,962	1,451	1,127	
Total persons	1,490	1,481	1,418	1,321	1,086	890	748		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
<b>Age 25-34 w/Homelessness</b>	<b>4.6%</b>	<b>4.7%</b>	<b>4.0%</b>	<b>4.3%</b>	<b>3.2%</b>	<b>3.5%</b>	<b>4.2%</b>		<b>3.8%</b>	<b>3.6%</b>	<b>3.4%</b>	<b>3.5%</b>	<b>2.8%</b>	<b>2.7%</b>	<b>2.9%</b>	
Persons w/Homelessness	95	103	88	93	74	74	90		3,049	3,082	2,894	2,965	2,487	2,464	2,526	
Total persons	2,083	2,209	2,211	2,170	2,283	2,142	2,143		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
<b>Age 35-64 w/Homelessness</b>	<b>3.2%</b>	<b>4.1%</b>	<b>3.2%</b>	<b>3.0%</b>	<b>1.8%</b>	<b>1.7%</b>	<b>3.1%</b>		<b>3.1%</b>	<b>2.8%</b>	<b>2.5%</b>	<b>2.5%</b>	<b>1.9%</b>	<b>1.8%</b>	<b>2.1%</b>	
Persons w/Homelessness	46	62	48	45	31	31	57		1,653	1,629	1,522	1,522	1,475	1,579	1,811	
Total persons	1,434	1,519	1,512	1,482	1,753	1,816	1,843		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
<b>Age Total<sup>1</sup> w/Homelessness</b>	<b>5.2%</b>	<b>5.2%</b>	<b>4.6%</b>	<b>4.9%</b>	<b>3.0%</b>	<b>3.1%</b>	<b>3.9%</b>		<b>4.3%</b>	<b>4.0%</b>	<b>3.8%</b>	<b>3.7%</b>	<b>2.8%</b>	<b>2.6%</b>	<b>2.7%</b>	
Persons w/Homelessness	259	271	238	242	154	151	184		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	5,007	5,209	5,141	4,973	5,122	4,848	4,734		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Homelessness</b>	<b>6.3%</b>	<b>7.7%</b>	<b>8.3%</b>	<b>7.0%</b>	<b>4.5%</b>	<b>5.9%</b>	<b>6.7%</b>		<b>7.0%</b>	<b>6.7%</b>	<b>6.5%</b>	<b>6.1%</b>	<b>5.0%</b>	<b>5.0%</b>	<b>5.2%</b>	
Persons w/Homelessness	30	37	38	33	21	24	27		1,102	1,082	1,027	950	769	742	711	
Total persons	476	481	457	471	471	409	402		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
<b>Asian w/Homelessness</b>									<b>3.1%</b>	<b>3.0%</b>	<b>2.8%</b>	<b>2.6%</b>	<b>1.9%</b>	<b>1.5%</b>	<b>1.6%</b>	
Persons w/Homelessness									274	293	294	275	249	210	216	
Total persons	111	98	105	103	108	108	92		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
<b>Black w/Homelessness</b>			<b>8.5%</b>						<b>8.6%</b>	<b>7.5%</b>	<b>7.1%</b>	<b>6.6%</b>	<b>5.5%</b>	<b>5.3%</b>	<b>5.3%</b>	
Persons w/Homelessness			11						1,764	1,648	1,587	1,491	1,272	1,199	1,124	
Total persons	110	118	130	125	141	130	140		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
<b>Hawaiian/PI w/Homelessness</b>									<b>4.1%</b>	<b>3.9%</b>	<b>3.8%</b>	<b>3.2%</b>	<b>2.6%</b>	<b>2.4%</b>	<b>2.9%</b>	
Persons w/Homelessness									272	281	294	256	238	239	278	
Total persons	58	59	48	50	69	78	91		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
<b>Hispanic w/Homelessness</b>	<b>3.6%</b>	<b>5.9%</b>	<b>5.0%</b>	<b>4.4%</b>		<b>3.1%</b>	<b>3.6%</b>		<b>3.2%</b>	<b>2.9%</b>	<b>2.8%</b>	<b>2.7%</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.8%</b>	
Persons w/Homelessness	14	26	22	20		14	16		895	876	882	836	674	683	646	
Total persons	386	442	444	456	489	454	448		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
<b>White Only w/Homelessness</b>	<b>5.2%</b>	<b>5.0%</b>	<b>4.3%</b>	<b>4.9%</b>	<b>3.0%</b>	<b>2.9%</b>	<b>3.7%</b>		<b>3.9%</b>	<b>3.8%</b>	<b>3.5%</b>	<b>3.5%</b>	<b>2.8%</b>	<b>2.5%</b>	<b>2.7%</b>	
Persons w/Homelessness	202	203	170	187	119	109	135		4,235	4,269	3,934	3,874	3,209	2,927	2,952	
Total persons	3,891	4,033	3,972	3,838	3,924	3,742	3,623		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
<b>Any Minority w/Homelessness</b>	<b>5.4%</b>	<b>6.3%</b>	<b>6.3%</b>	<b>5.1%</b>	<b>3.1%</b>	<b>4.0%</b>	<b>4.7%</b>		<b>5.1%</b>	<b>4.7%</b>	<b>4.4%</b>	<b>4.1%</b>	<b>3.1%</b>	<b>2.8%</b>	<b>2.9%</b>	
Persons w/Homelessness	55	67	67	54	35	42	49		3,653	3,553	3,441	3,195	2,679	2,531	2,482	
Total persons	1,018	1,068	1,061	1,060	1,125	1,045	1,045		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
<b>Population by Gender</b>																
<b>Females w/Homelessness</b>	<b>5.1%</b>	<b>4.9%</b>	<b>4.5%</b>	<b>4.6%</b>	<b>3.0%</b>	<b>3.3%</b>	<b>3.9%</b>		<b>4.1%</b>	<b>3.8%</b>	<b>3.6%</b>	<b>3.5%</b>	<b>2.8%</b>	<b>2.7%</b>	<b>2.8%</b>	
Persons w/Homelessness	189	187	171	167	114	124	146		5,894	5,785	5,485	5,290	4,512	4,436	4,396	
Total persons	3,722	3,791	3,809	3,668	3,820	3,740	3,708		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
<b>Males w/Homelessness</b>	<b>5.4%</b>	<b>5.9%</b>	<b>5.0%</b>	<b>5.7%</b>	<b>3.1%</b>	<b>2.4%</b>	<b>3.7%</b>		<b>5.0%</b>	<b>4.7%</b>	<b>4.4%</b>	<b>4.2%</b>	<b>2.9%</b>	<b>2.2%</b>	<b>2.4%</b>	
Persons w/Homelessness	70	84	67	75	40	27	38		2,091	2,126	1,962	1,832	1,412	1,058	1,068	
Total persons	1,285	1,418	1,332	1,305	1,302	1,108	1,026		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

# Homelessness Rates Among Medicaid-Classic Adults, by County

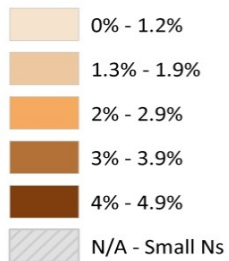
MARCH 2017

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.

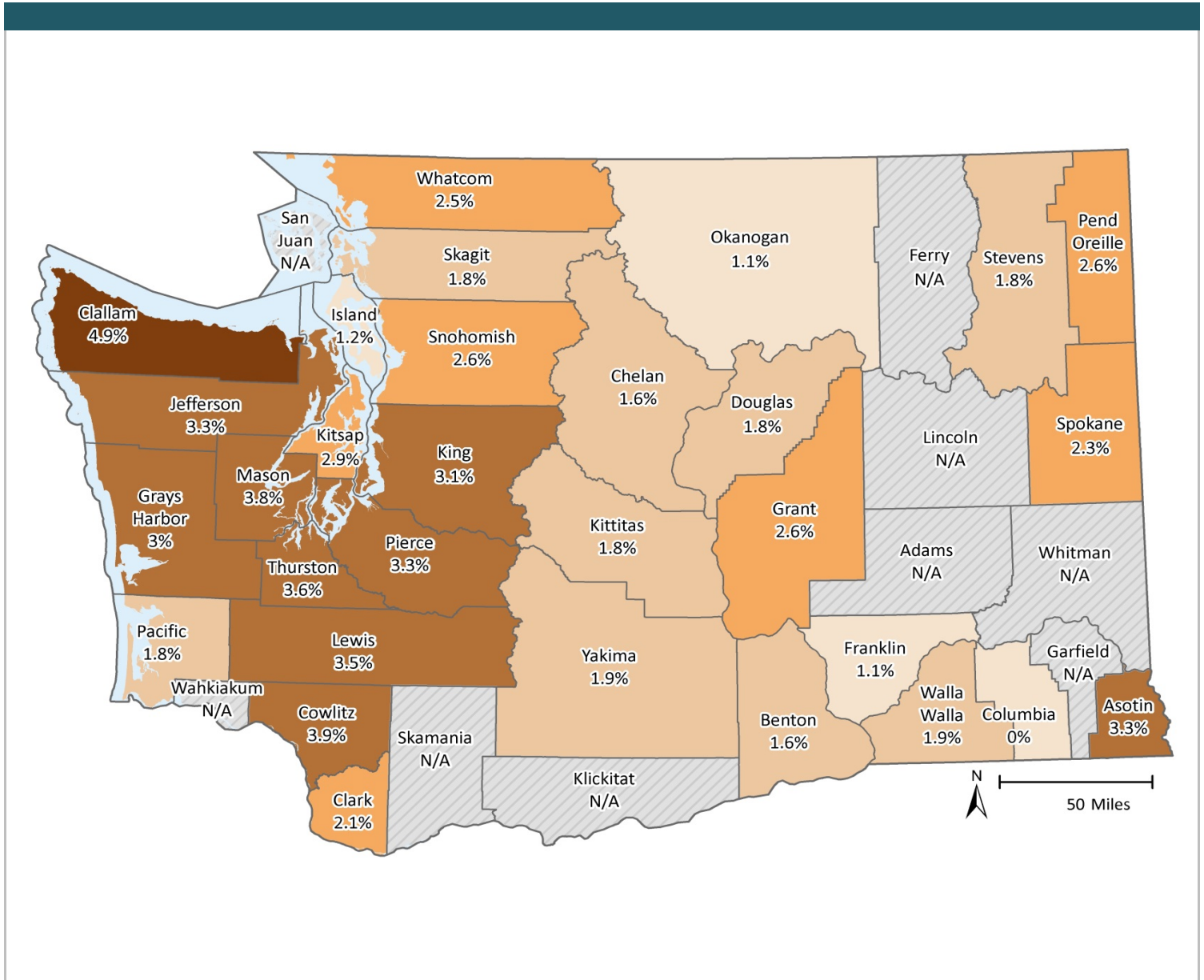
**Percent of Medicaid-Classic Adults with Homelessness**



**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\*

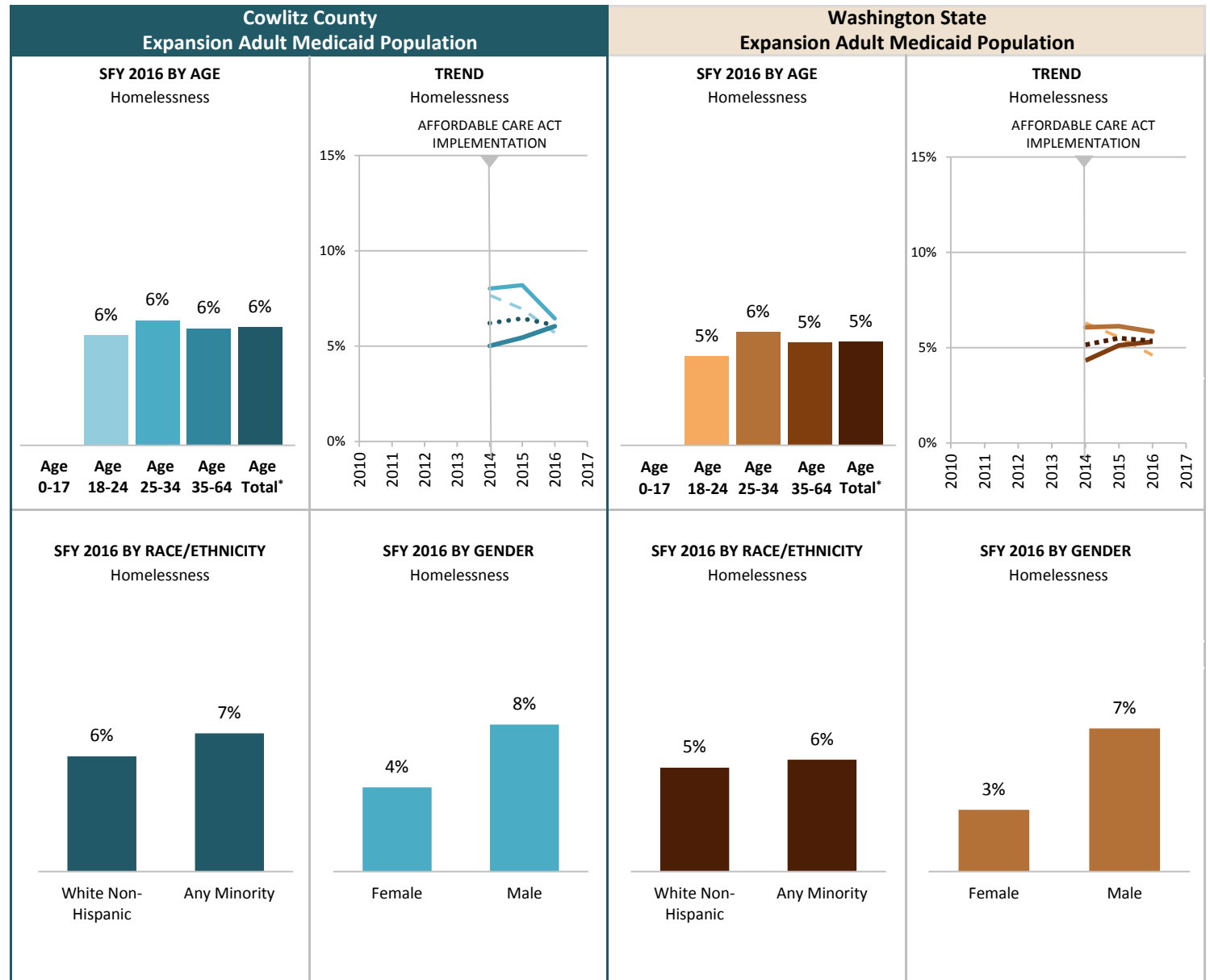
**STATE:**

- 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	Cowlitz 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
<b>Population by Age</b>																
<b>Age 0-17 w/Homelessness</b>																
Persons w/Homelessness																
Total persons																
<b>Age 18-24 w/Homelessness</b>					<b>7.7%</b>	<b>6.9%</b>	<b>5.7%</b>						<b>6.3%</b>	<b>5.6%</b>	<b>4.6%</b>	
Persons w/Homelessness					77	134	130						3,773	5,743	5,513	
Total persons					1,005	1,930	2,282						59,852	103,457	119,804	
<b>Age 25-34 w/Homelessness</b>					<b>8.0%</b>	<b>8.2%</b>	<b>6.4%</b>						<b>6.1%</b>	<b>6.1%</b>	<b>5.8%</b>	
Persons w/Homelessness					136	251	246						6,217	10,847	11,965	
Total persons					1,697	3,062	3,814						102,393	177,330	204,738	
<b>Age 35-64 w/Homelessness</b>					<b>5.0%</b>	<b>5.4%</b>	<b>6.0%</b>						<b>4.3%</b>	<b>5.1%</b>	<b>5.3%</b>	
Persons w/Homelessness					191	343	431						8,580	16,260	18,337	
Total persons					3,807	6,300	7,132						198,262	317,159	345,171	
<b>Age Total<sup>1</sup> w/Homelessness</b>					<b>6.2%</b>	<b>6.4%</b>	<b>6.1%</b>						<b>5.2%</b>	<b>5.5%</b>	<b>5.3%</b>	
Persons w/Homelessness					404	728	807						18,570	32,850	35,815	
Total persons					6,509	11,292	13,228						360,507	597,946	669,713	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Homelessness</b>					<b>11.2%</b>	<b>10.3%</b>	<b>10.1%</b>						<b>12.2%</b>	<b>12.2%</b>	<b>11.4%</b>	
Persons w/Homelessness					74	113	120						2,051	3,694	4,036	
Total persons					658	1,102	1,185						16,783	30,399	35,266	
<b>Asian w/Homelessness</b>						<b>6.7%</b>	<b>4.9%</b>						<b>1.8%</b>	<b>2.2%</b>	<b>2.3%</b>	
Persons w/Homelessness						16	14						603	1,076	1,179	
Total persons					159	238	287						32,924	48,483	51,833	
<b>Black w/Homelessness</b>					<b>15.2%</b>	<b>13.3%</b>	<b>11.0%</b>						<b>12.1%</b>	<b>12.3%</b>	<b>10.9%</b>	
Persons w/Homelessness					20	35	35						3,422	6,039	6,113	
Total persons					132	264	318						28,284	49,017	56,142	
<b>Hawaiian/PI w/Homelessness</b>						<b>9.4%</b>							<b>4.2%</b>	<b>4.5%</b>	<b>4.3%</b>	
Persons w/Homelessness						14							485	910	1,009	
Total persons					78	149	194						11,451	20,416	23,467	
<b>Hispanic w/Homelessness</b>					<b>5.9%</b>	<b>5.7%</b>	<b>4.5%</b>						<b>3.4%</b>	<b>3.8%</b>	<b>3.7%</b>	
Persons w/Homelessness					30	52	51						1,765	3,189	3,556	
Total persons					505	913	1,146						52,399	84,681	96,834	
<b>White Only w/Homelessness</b>					<b>5.6%</b>	<b>6.1%</b>	<b>6.0%</b>						<b>5.1%</b>	<b>5.4%</b>	<b>5.4%</b>	
Persons w/Homelessness					281	527	600						11,159	19,614	21,643	
Total persons					4,984	8,620	10,070						216,846	361,260	402,225	
<b>Any Minority w/Homelessness</b>					<b>8.6%</b>	<b>8.1%</b>	<b>7.1%</b>						<b>5.6%</b>	<b>6.1%</b>	<b>5.8%</b>	
Persons w/Homelessness					122	196	202						7,289	12,988	13,857	
Total persons					1,416	2,432	2,827						130,167	212,403	239,488	
<b>Population by Gender</b>																
<b>Females w/Homelessness</b>					<b>4.2%</b>	<b>4.3%</b>	<b>4.4%</b>						<b>2.9%</b>	<b>3.2%</b>	<b>3.2%</b>	
Persons w/Homelessness					136	234	278						5,268	9,395	10,502	
Total persons					3,212	5,424	6,322						179,152	292,424	328,130	
<b>Males w/Homelessness</b>					<b>8.1%</b>	<b>8.4%</b>	<b>7.7%</b>						<b>7.3%</b>	<b>7.7%</b>	<b>7.4%</b>	
Persons w/Homelessness					268	494	529						13,302	23,455	25,313	
Total persons					3,297	5,868	6,906						181,355	305,522	341,583	

# Homelessness Rates Among Medicaid-Expansion Adults, by County

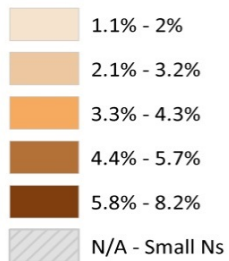
MARCH 2017

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.

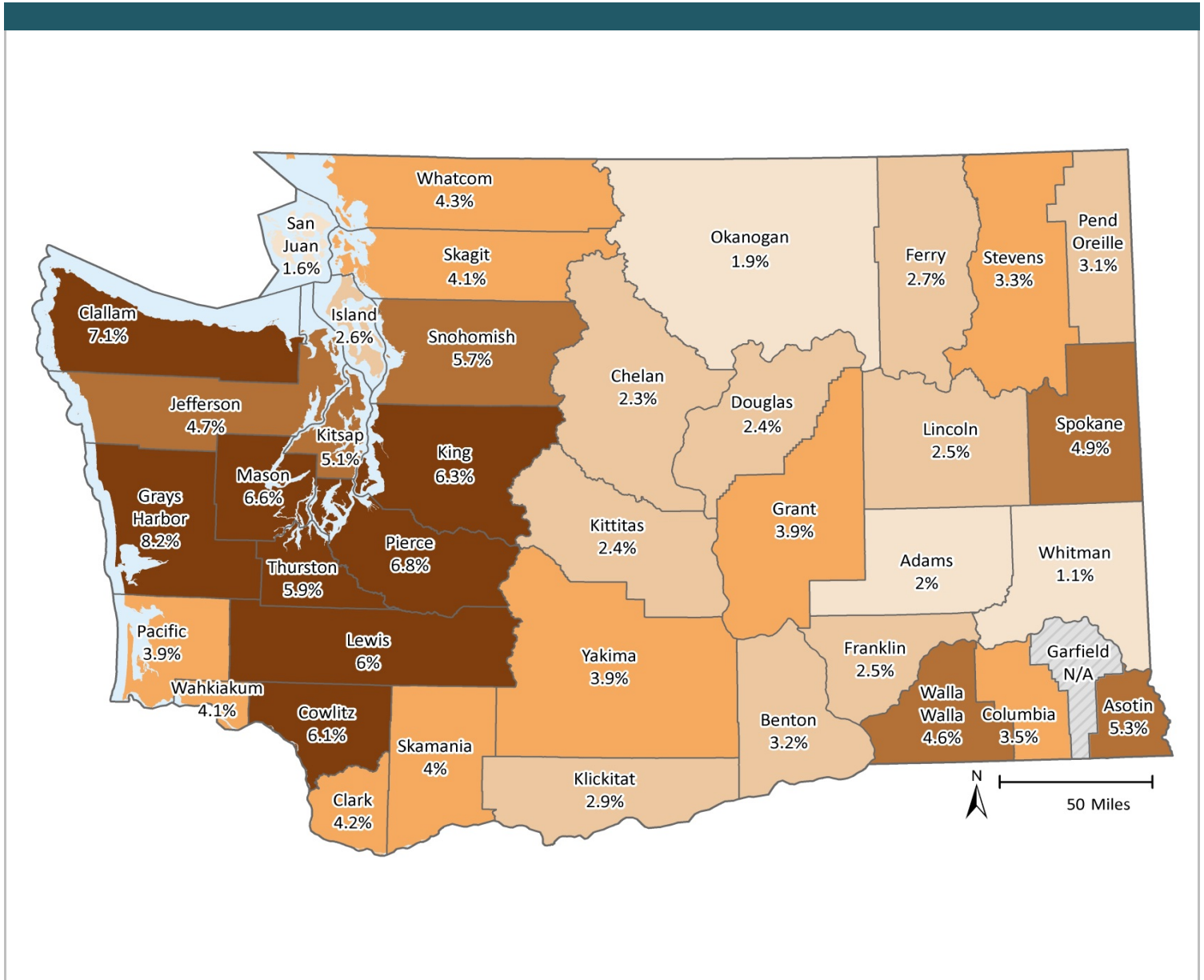
**Percent of Medicaid-Expansion Adults with Homelessness**



**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\*

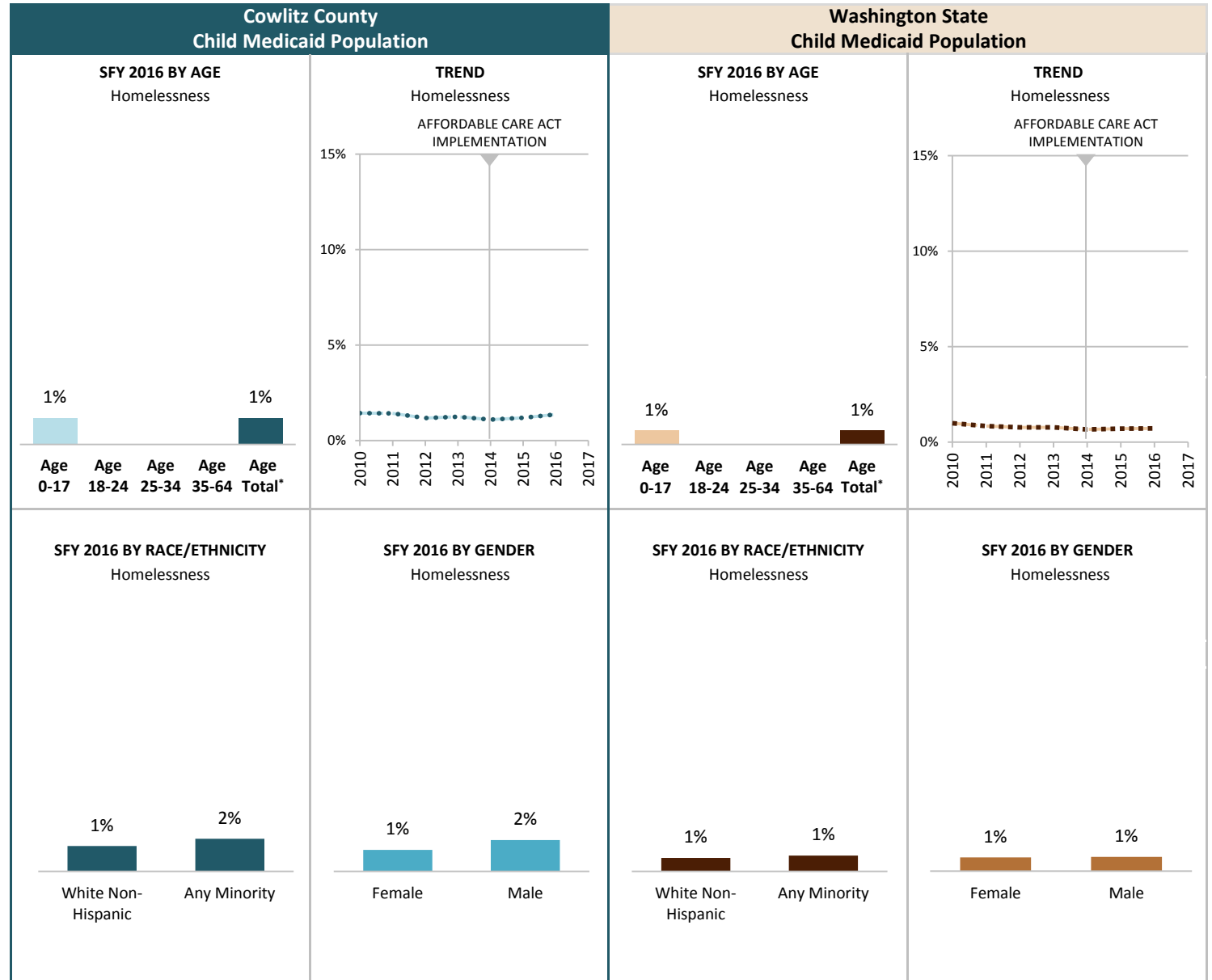
**STATE:**

- 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

	Cowlitz County Child Medicaid Population								Washington State Medicaid Population Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
<b>Population by Age</b>																
<b>Age 0-17 w/Homelessness</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.4%</b>		<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	185	190	157	165	148	165	203		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Age 18-24 w/Homelessness</b>																
Persons w/Homelessness																
Total persons																
<b>Age 25-34 w/Homelessness</b>																
Persons w/Homelessness																
Total persons																
<b>Age 35-64 w/Homelessness</b>																
Persons w/Homelessness																
Total persons																
<b>Age Total<sup>1</sup> w/Homelessness</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.4%</b>		<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	185	190	157	165	148	165	203		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	12,827	13,325	13,382	13,228	13,530	13,852	14,782		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
<b>Population by Race-Ethnicity</b>																
<b>Amer Indian w/Homelessness</b>	<b>1.7%</b>	<b>1.9%</b>	<b>1.9%</b>	<b>1.7%</b>	<b>1.4%</b>	<b>1.6%</b>	<b>1.5%</b>		<b>1.7%</b>	<b>1.5%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>	
Persons w/Homelessness	17	19	18	16	13	14	13		709	599	553	583	478	494	504	
Total persons	1,029	1,013	969	937	914	867	844		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
<b>Asian w/Homelessness</b>									<b>0.6%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	
Persons w/Homelessness									218	199	202	208	189	180	207	
Total persons	271	280	276	284	308	300	302		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
<b>Black w/Homelessness</b>	<b>4.5%</b>	<b>2.9%</b>			<b>2.6%</b>	<b>2.5%</b>	<b>4.5%</b>		<b>2.7%</b>	<b>2.3%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>1.8%</b>	<b>2.1%</b>	<b>2.0%</b>	
Persons w/Homelessness	19	13			13	13	25		1,740	1,523	1,468	1,479	1,320	1,524	1,518	
Total persons	426	456	458	455	507	511	558		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
<b>Hawaiian/PI w/Homelessness</b>									<b>1.2%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>	
Persons w/Homelessness									299	289	271	288	233	277	323	
Total persons	206	240	232	237	261	275	333		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
<b>Hispanic w/Homelessness</b>	<b>0.8%</b>	<b>1.5%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>0.5%</b>	<b>1.0%</b>	<b>1.3%</b>		<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	
Persons w/Homelessness	21	41	23	30	15	30	41		1,258	1,268	1,075	1,059	997	1,053	1,223	
Total persons	2,648	2,811	2,893	2,918	2,954	3,050	3,190		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
<b>White Only w/Homelessness</b>	<b>1.6%</b>	<b>1.5%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.3%</b>		<b>0.9%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	127	123	103	102	99	102	118		2,365	2,088	1,994	2,037	1,848	2,033	2,149	
Total persons	8,057	8,250	8,278	8,181	8,339	8,523	9,035		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
<b>Any Minority w/Homelessness</b>	<b>1.3%</b>	<b>1.5%</b>	<b>1.2%</b>	<b>1.4%</b>	<b>1.0%</b>	<b>1.3%</b>	<b>1.7%</b>		<b>1.1%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	
Persons w/Homelessness	54	65	51	60	47	58	80		3,528	3,202	2,970	3,011	2,675	2,943	3,156	
Total persons	4,153	4,346	4,385	4,386	4,492	4,559	4,777		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
<b>Population by Gender</b>																
<b>Females w/Homelessness</b>	<b>1.6%</b>	<b>1.5%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>1.1%</b>		<b>1.0%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	101	100	68	74	71	79	82		3,042	2,793	2,593	2,601	2,332	2,530	2,674	
Total persons	6,419	6,723	6,724	6,734	6,781	6,863	7,321		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
<b>Males w/Homelessness</b>	<b>1.3%</b>	<b>1.4%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.6%</b>		<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	
Persons w/Homelessness	84	90	89	91	77	86	121		3,089	2,751	2,592	2,666	2,343	2,616	2,833	
Total persons	6,408	6,602	6,658	6,494	6,749	6,989	7,461		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

# Homelessness Rates Among Medicaid-Children, by County

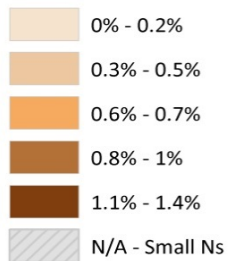
MARCH 2017

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.

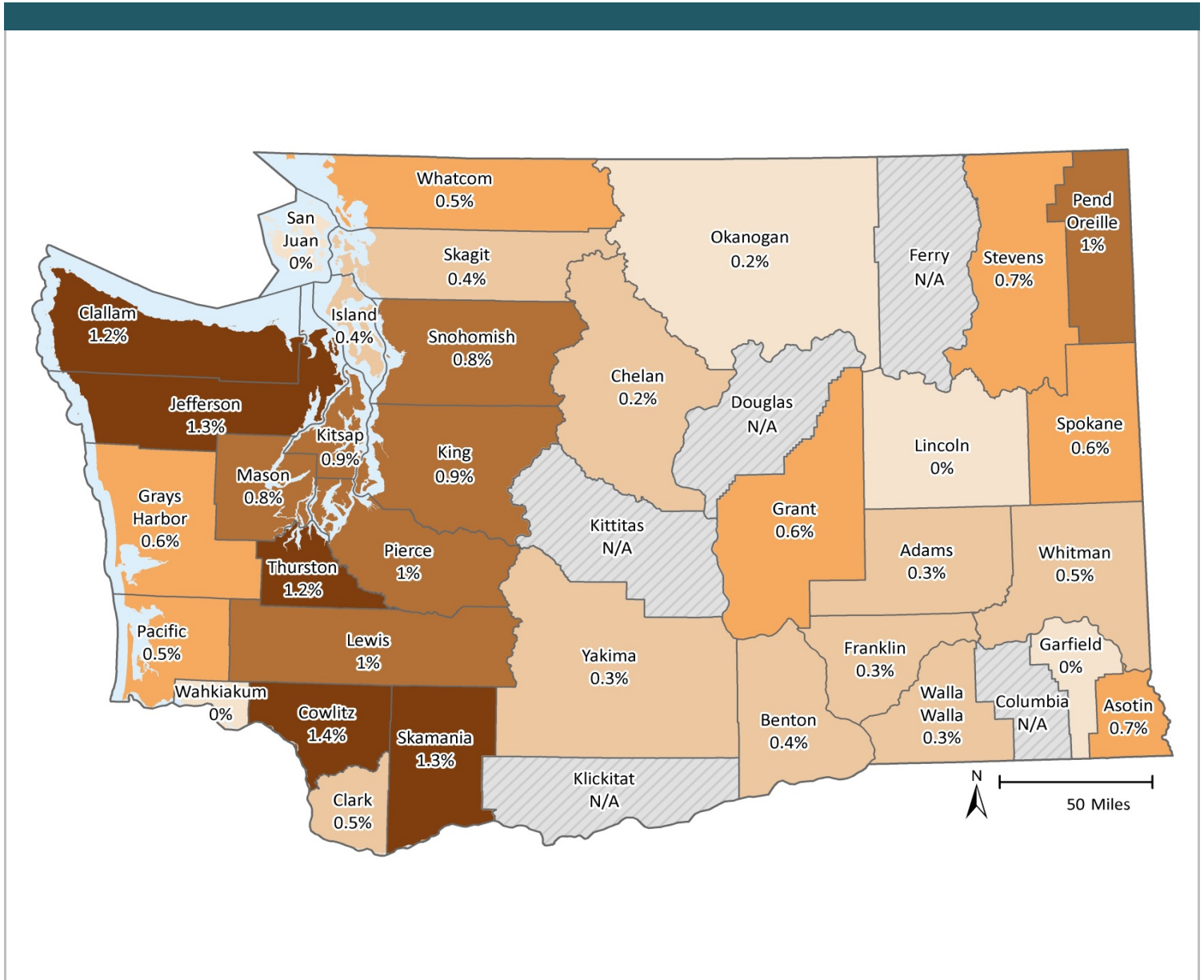
**Percent of Medicaid-Children with Homelessness**



**SOURCE & POPULATION**

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





### 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.

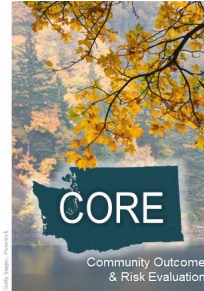
Wei, R., Tong, D. & J. M. Phillips (2016) An integrated classification scheme for mapping estimates and errors of estimation from the American Community Survey. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2016.04.003>.

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

# Cowlitz County

## Behavioral Health Treatment Needs and Outcomes

MARCH 2017



### CONTRIBUTORS

Irina Sharkova, PhD • Robert Hughes, PhD • Barbara E.M. Felver, MES, MPA • Barbara Lucenko, PhD • Pierre Katona

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

### ACKNOWLEDGMENTS

Several of the measures included in this report were modeled from measures developed by the RDA Well Being Work Group:

Alice Huber, Ron Jemelka, Barb Lucenko, David Marshall, Deleena Patton, Bridget Pavelle, Irina Sharkova, John Doane.