

Island 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
4.95.15



CONTENTS

PAGE	
<u>1</u>	Any Behavioral Health Treatment Need Summary
<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>	Mental Illness Treatment Need Summary
<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>	Substance Use Disorder Treatment Need Summary
<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>	Co-occurring Disorder Treatment Need Summary
<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>	Criminal Justice Involvement Summary
<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>	Psychotropic Polypharmacy Summary
<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>	Emergency Room Use Summary
<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>	Homelessness Summary
<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>	Technical Notes

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

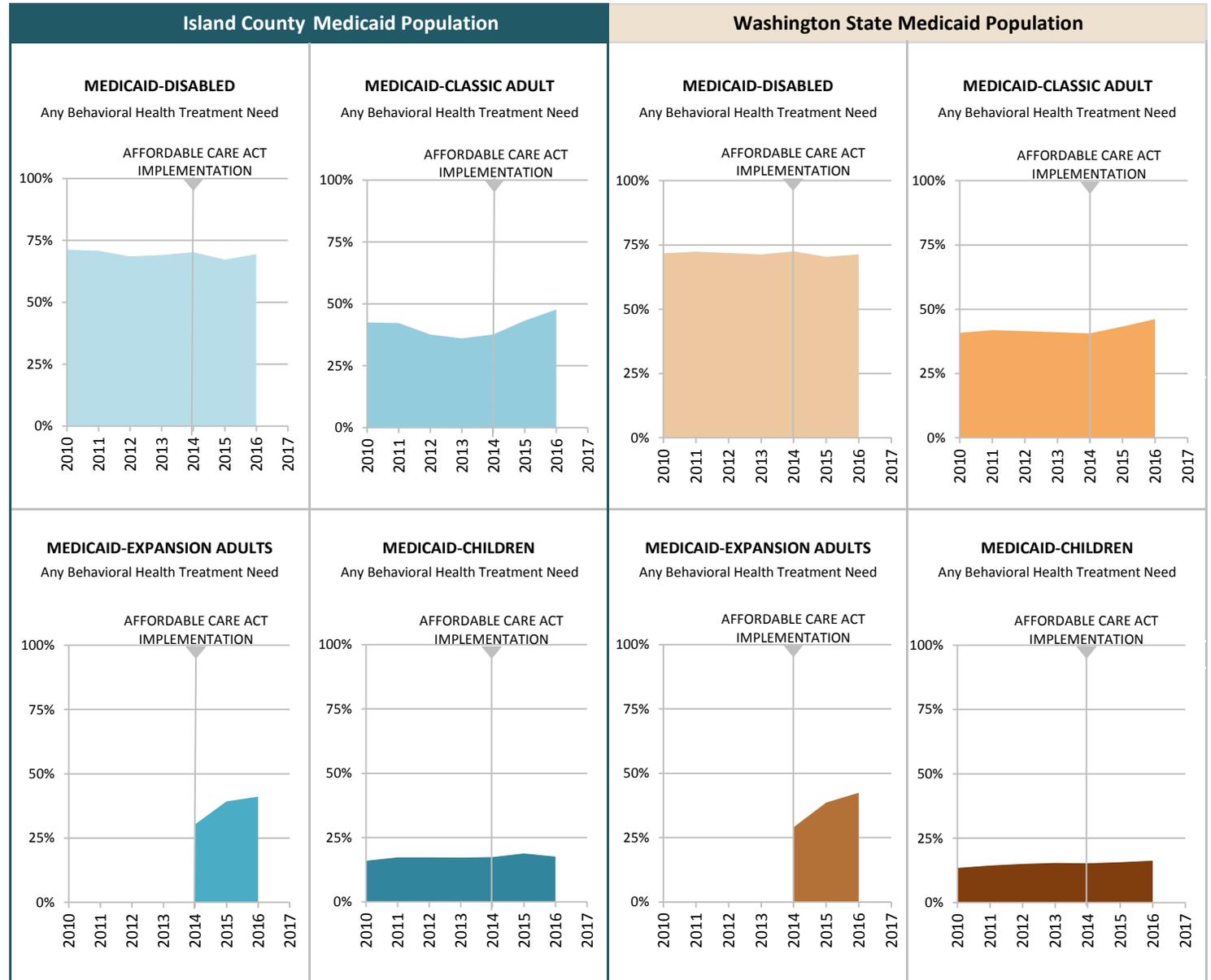
STATE:

- 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	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	71.2%	70.8%	68.5%	69.1%	70.2%	67.2%	69.4%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	531	596	583	636	615	445	458		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	42.4%	42.2%	37.6%	36.0%	37.6%	43.2%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	497	529	477	462	525	641	686		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					30.3%	39.3%	41.1%						29.1%	38.6%	42.5%	
Persons w/Any BH Tx Need					826	1,781	2,147						104,829	231,038	284,370	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	16.0%	17.3%	17.3%	17.2%	17.4%	18.8%	17.6%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	550	610	612	626	710	809	818		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		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*

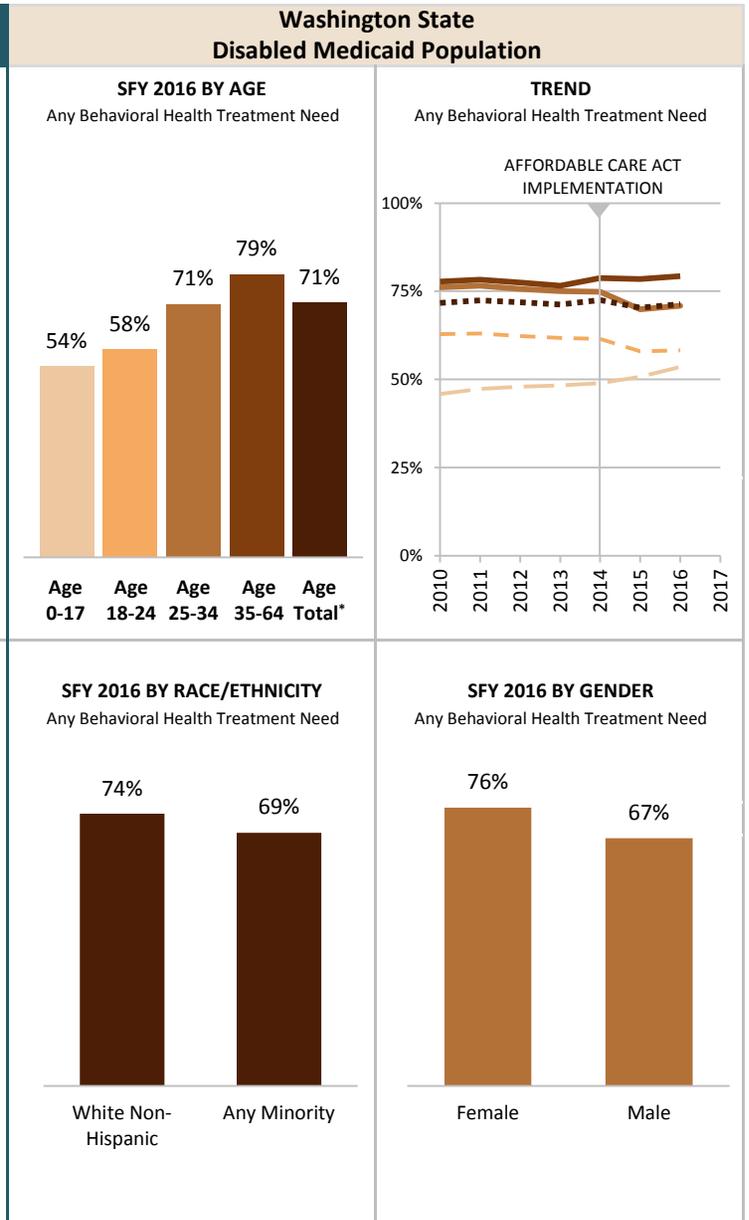
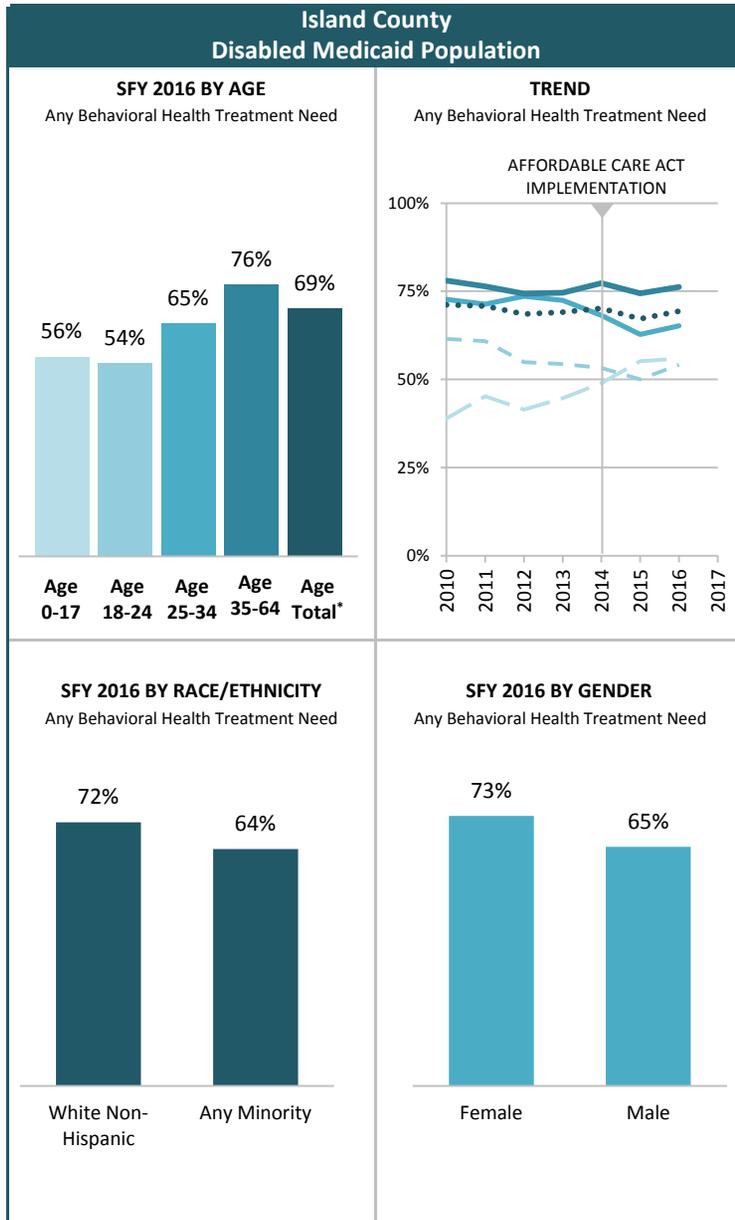
STATE:

- 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

	Island County Disabled Medicaid Population								Washington State Medicaid Population Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need	39.0%	45.2%	41.5%	44.7%	49.0%	55.2%	55.9%		45.9%	47.3%	47.9%	48.3%	49.0%	50.7%	53.5%	
Persons w/Any BH Tx Need	30	38	39	38	48	53	52		7,697	8,190	8,620	8,962	9,063	9,332	10,081	
Total persons	77	84	94	85	98	96	93		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Any BH Tx Need	61.5%	60.8%	54.9%	54.4%	53.3%	50.0%	54.2%		62.8%	63.0%	62.3%	61.8%	61.5%	58.0%	58.3%	
Persons w/Any BH Tx Need	56	59	50	62	49	37	39		7,808	7,887	7,830	7,880	7,308	5,679	5,611	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Any BH Tx Need	72.7%	71.3%	73.6%	72.4%	68.2%	62.8%	65.2%		76.1%	76.5%	75.7%	75.1%	74.8%	69.9%	70.9%	
Persons w/Any BH Tx Need	80	87	89	84	90	59	60		12,899	13,388	13,888	14,537	13,786	9,537	9,654	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Any BH Tx Need	78.0%	76.4%	74.3%	74.6%	77.3%	74.4%	76.2%		77.7%	78.3%	77.5%	76.6%	78.7%	78.4%	79.3%	
Persons w/Any BH Tx Need	365	412	405	452	428	296	307		61,190	63,560	66,195	68,726	66,067	47,610	46,909	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Any BH Tx Need	71.2%	70.8%	68.5%	69.1%	70.2%	67.2%	69.4%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	531	596	583	636	615	445	458		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	69.2%	72.3%	70.4%	74.5%	79.3%	79.4%	84.8%		79.6%	80.5%	79.4%	79.2%	80.0%	79.1%	79.3%	
Persons w/Any BH Tx Need	27	34	38	41	46	27	28		10,071	10,461	10,678	11,078	10,617	8,236	8,013	
Total persons	39	47	54	55	58	34	33		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Any BH Tx Need			36.7%	47.1%	50.0%	51.6%	53.6%		62.7%	63.8%	64.0%	63.2%	64.2%	63.5%	63.9%	
Persons w/Any BH Tx Need			11	16	18	16	15		3,867	4,032	4,117	4,270	4,115	3,209	3,189	
Total persons	23	22	30	34	36	31	28		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Any BH Tx Need	66.7%	48.8%	47.1%	59.0%	63.8%	57.4%	63.3%		72.4%	73.1%	72.6%	72.6%	73.0%	70.2%	71.7%	
Persons w/Any BH Tx Need	24	21	24	36	37	27	31		11,391	12,081	12,815	13,493	13,150	10,033	10,247	
Total persons	36	43	51	61	58	47	49		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Any BH Tx Need				47.8%	50.0%	55.0%	55.0%		59.8%	61.1%	61.3%	61.0%	61.4%	59.5%	62.2%	
Persons w/Any BH Tx Need				11	13	11	11		1,602	1,776	1,863	2,003	1,992	1,550	1,621	
Total persons	19	21	22	23	26	20	20		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Any BH Tx Need	69.0%	69.4%	64.6%	69.6%	64.3%	59.6%	60.3%		58.2%	59.8%	60.3%	59.9%	61.0%	58.6%	61.6%	
Persons w/Any BH Tx Need	29	34	31	39	36	31	35		6,961	7,694	8,395	8,898	8,783	7,102	7,525	
Total persons	42	49	48	56	56	52	58		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Any BH Tx Need	74.1%	74.8%	72.7%	71.7%	72.5%	70.9%	71.7%		74.2%	74.8%	74.3%	73.7%	75.2%	73.3%	74.0%	
Persons w/Any BH Tx Need	435	484	466	498	467	338	340		58,288	59,854	61,660	63,679	60,903	44,713	44,352	
Total persons	587	647	641	695	644	477	474		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Any BH Tx Need	63.2%	59.5%	57.8%	63.7%	66.3%	61.3%	64.5%		69%	70%	69%	69%	70%	67%	69%	
Persons w/Any BH Tx Need	91	103	108	130	138	98	107		30,656	32,417	34,046	35,594	34,533	26,827	27,191	
Total persons	144	173	187	204	208	160	166		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Any BH Tx Need	73.7%	71.6%	69.7%	73.4%	72.4%	69.0%	73.5%		74.9%	75.6%	75.2%	74.7%	76.1%	74.8%	75.7%	
Persons w/Any BH Tx Need	303	326	322	358	336	236	249		46,172	47,799	49,189	50,465	48,279	37,014	36,598	
Total persons	411	455	462	488	464	342	339		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Any BH Tx Need	68.1%	69.8%	67.1%	64.2%	67.7%	65.3%	65.1%		68.6%	69.3%	68.7%	68.2%	69.2%	66.3%	67.4%	
Persons w/Any BH Tx Need	228	270	261	278	279	209	209		43,422	45,226	47,344	49,640	47,945	35,144	35,657	
Total persons	335	387	389	433	412	320	321		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

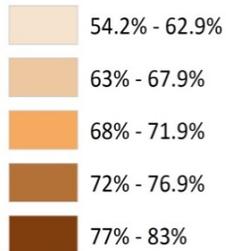
MARCH 2017

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.

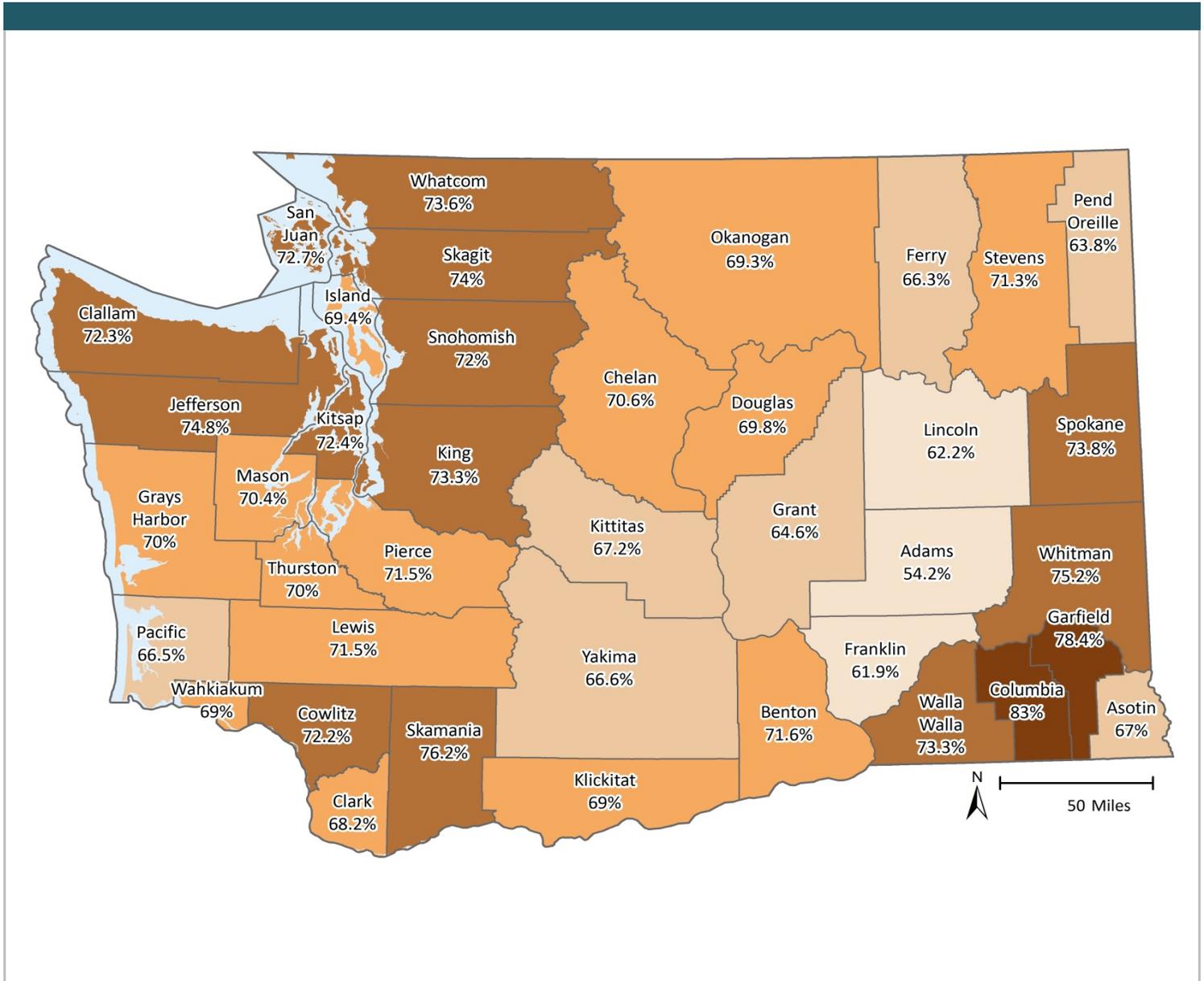
Percent of Medicaid-Disabled Youth and Adults with Any Behavioral Health Tx Need



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*

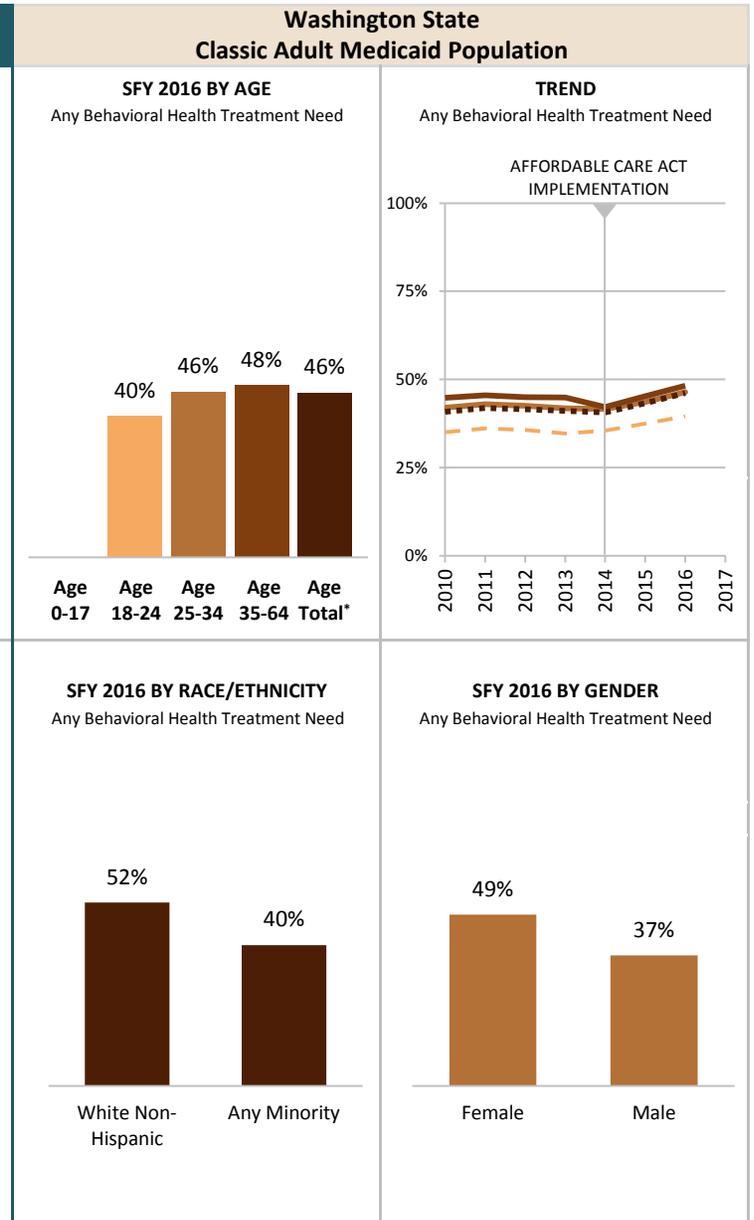
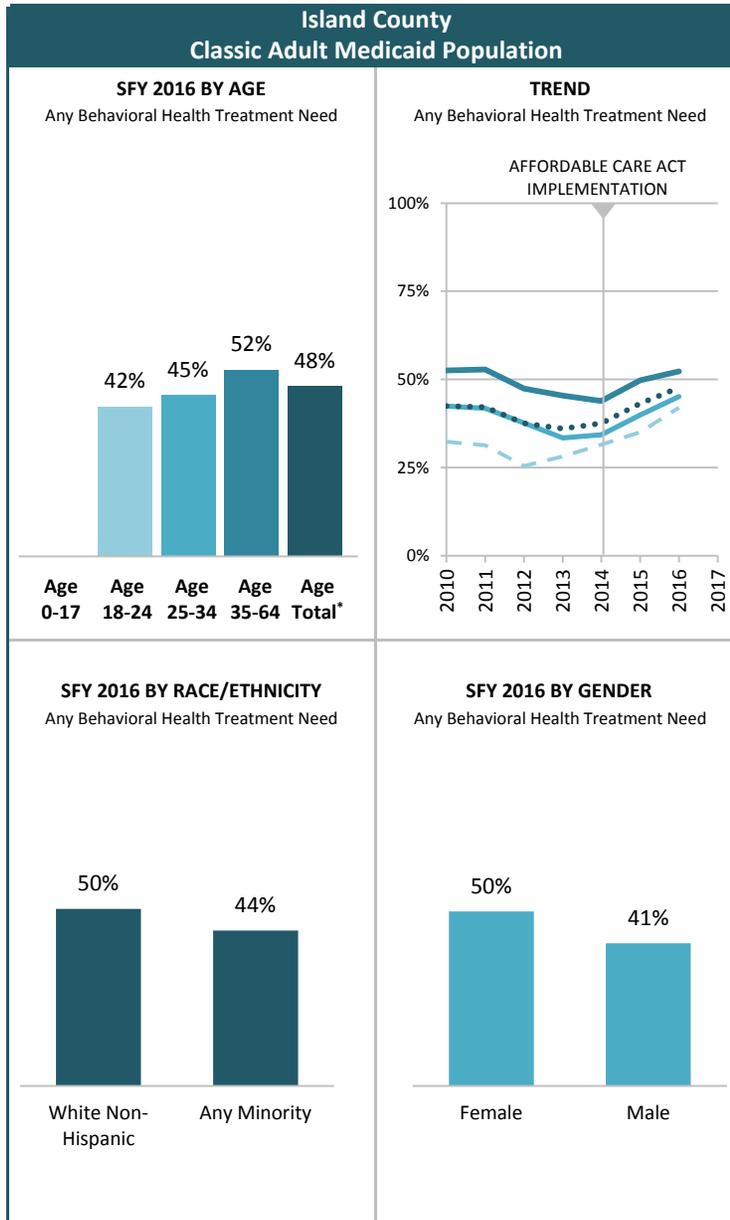
STATE:

- 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	Island County Classic Adult Medicaid Population								Washington State Medicaid Population Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 18-24 w/Any BH Tx Need	32.3%	31.4%	25.5%	28.1%	31.5%	35.1%	42.0%		35.1%	36.2%	35.7%	34.7%	35.5%	37.5%	39.5%	
Persons w/Any BH Tx Need	107	102	76	83	75	74	84		18,811	19,242	17,930	16,238	14,925	13,030	11,807	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Any BH Tx Need	42.4%	41.8%	37.7%	33.4%	34.3%	39.9%	45.1%		42.0%	43.0%	42.5%	41.8%	41.6%	43.6%	46.4%	
Persons w/Any BH Tx Need	215	239	230	195	209	270	288		33,376	36,503	36,212	35,509	37,434	39,841	40,534	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Any BH Tx Need	52.6%	52.8%	47.4%	45.4%	43.9%	49.7%	52.2%		44.8%	45.5%	44.9%	44.9%	42.2%	45.2%	48.2%	
Persons w/Any BH Tx Need	175	188	171	184	241	297	314		24,201	26,558	26,955	27,195	32,595	39,258	41,192	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Any BH Tx Need	42.4%	42.2%	37.6%	36.0%	37.6%	43.2%	47.7%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	497	529	477	462	525	641	686		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	56.6%	50.8%	51.5%	44.8%	52.6%	55.0%	63.6%		58.0%	58.2%	57.9%	57.5%	57.4%	59.9%	62.5%	
Persons w/Any BH Tx Need	30	32	34	26	30	33	35		9,126	9,347	9,192	8,927	8,917	8,833	8,618	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Any BH Tx Need		19.3%	25.0%	28.3%	30.3%	32.9%	32.0%		27.3%	27.5%	27.9%	27.6%	25.1%	27.0%	29.8%	
Persons w/Any BH Tx Need		11	14	15	23	23	24		2,441	2,706	2,900	2,892	3,221	3,736	3,958	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Any BH Tx Need	43.2%	39.1%	36.2%	40.0%	46.6%	45.4%	46.7%		38.0%	39.3%	38.4%	37.3%	38.1%	40.0%	42.4%	
Persons w/Any BH Tx Need	35	34	34	40	48	44	42		7,772	8,662	8,589	8,401	8,871	9,046	9,007	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Any BH Tx Need	18.3%			21.4%	23.2%	20.0%	24.2%		26.3%	27.5%	26.9%	26.5%	25.9%	27.7%	29.9%	
Persons w/Any BH Tx Need	11			15	19	17	23		1,738	1,981	2,063	2,120	2,401	2,782	2,895	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Any BH Tx Need	41.9%	37.1%	30.2%	30.6%	30.6%	37.6%	49.7%		34.0%	35.0%	34.7%	34.0%	32.9%	36.1%	38.6%	
Persons w/Any BH Tx Need	39	33	35	41	49	67	88		9,522	10,556	10,770	10,564	12,091	13,933	14,256	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Any BH Tx Need	45.9%	45.6%	40.7%	37.0%	39.0%	46.0%	50.2%		44.4%	45.8%	45.4%	45.2%	45.4%	48.8%	52.1%	
Persons w/Any BH Tx Need	381	408	356	327	369	466	487		48,478	51,959	50,800	49,390	52,982	57,313	57,986	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Any BH Tx Need	39.6%	37.2%	33.4%	35.5%	36.2%	39.0%	44.1%		38%	38%	38%	37%	36%	38%	40%	
Persons w/Any BH Tx Need	110	111	111	125	147	164	183		26,960	29,270	29,352	28,697	31,020	33,636	33,981	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Any BH Tx Need	43.8%	43.9%	39.6%	37.0%	39.2%	44.6%	49.5%		42.5%	43.9%	43.5%	43.1%	43.1%	45.9%	48.6%	
Persons w/Any BH Tx Need	410	436	391	370	416	520	566		61,664	66,247	65,546	64,159	69,252	75,901	77,321	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Any BH Tx Need	37.0%	35.8%	30.5%	32.5%	32.4%	37.9%	40.5%		35.1%	35.3%	34.7%	34.2%	32.2%	34.1%	37.1%	
Persons w/Any BH Tx Need	87	93	86	92	109	121	120		14,724	16,056	15,551	14,783	15,702	16,228	16,212	
Total persons	235	260	282	283	336	319	296		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

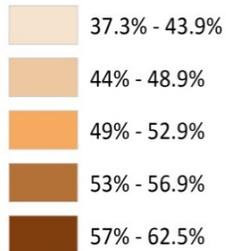
MARCH 2017

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.

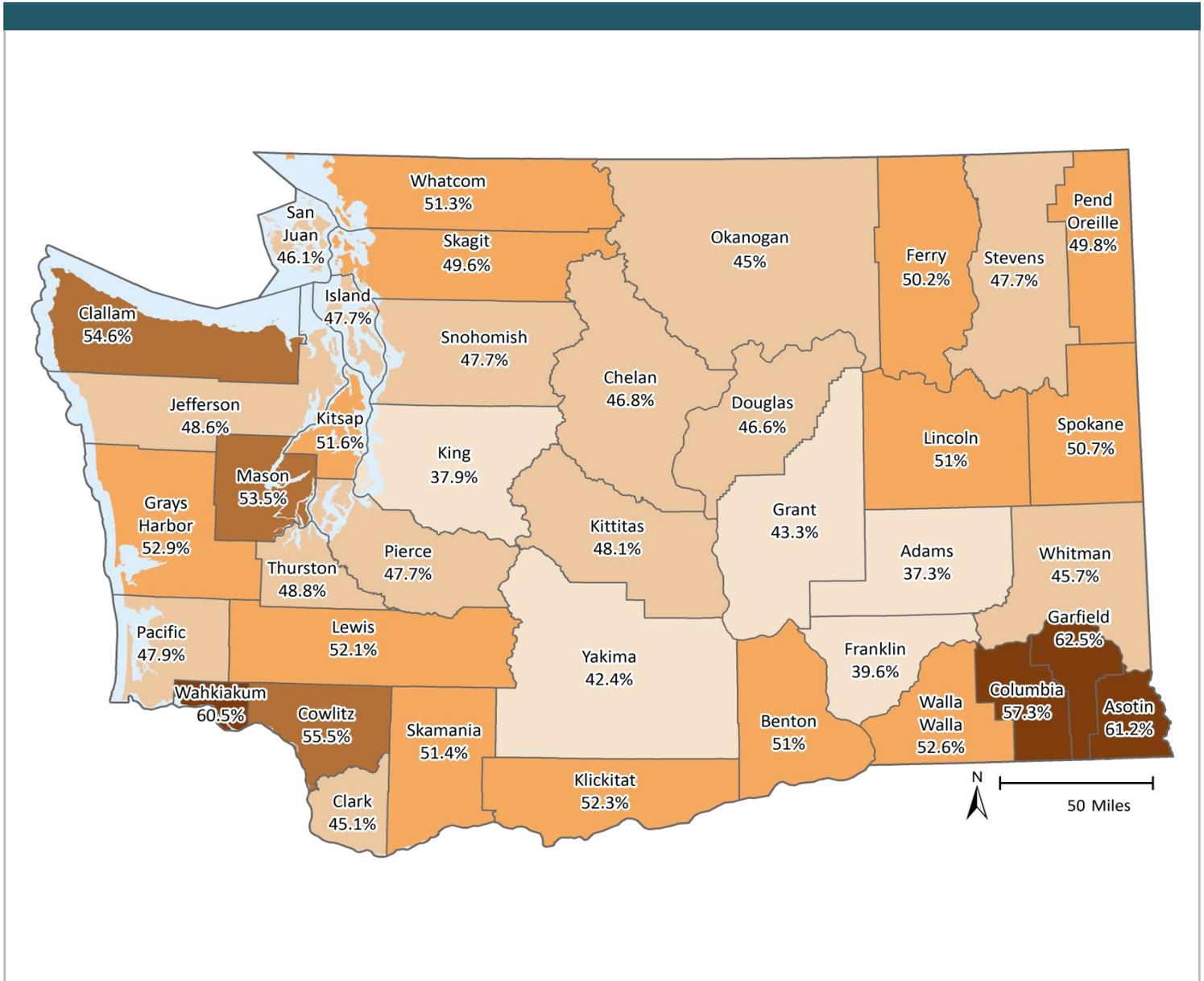
Percent of Medicaid-Classic Adults with Any Behavioral Health Tx Need



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*

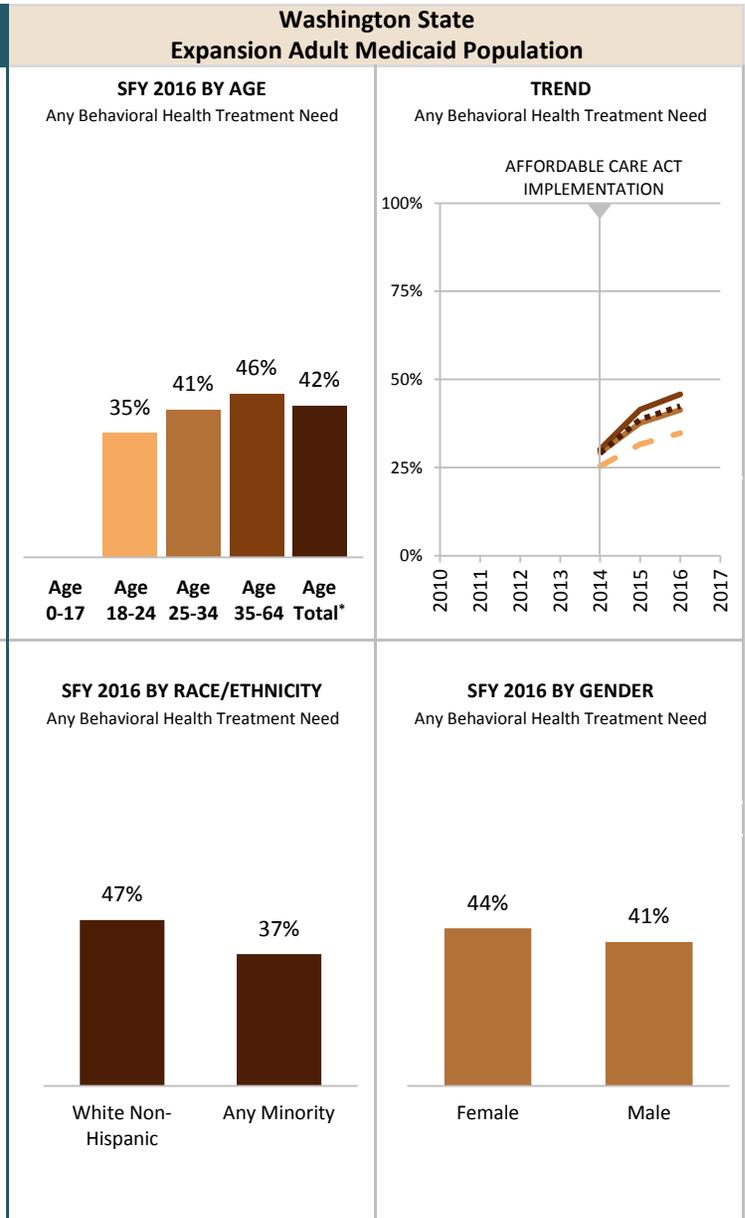
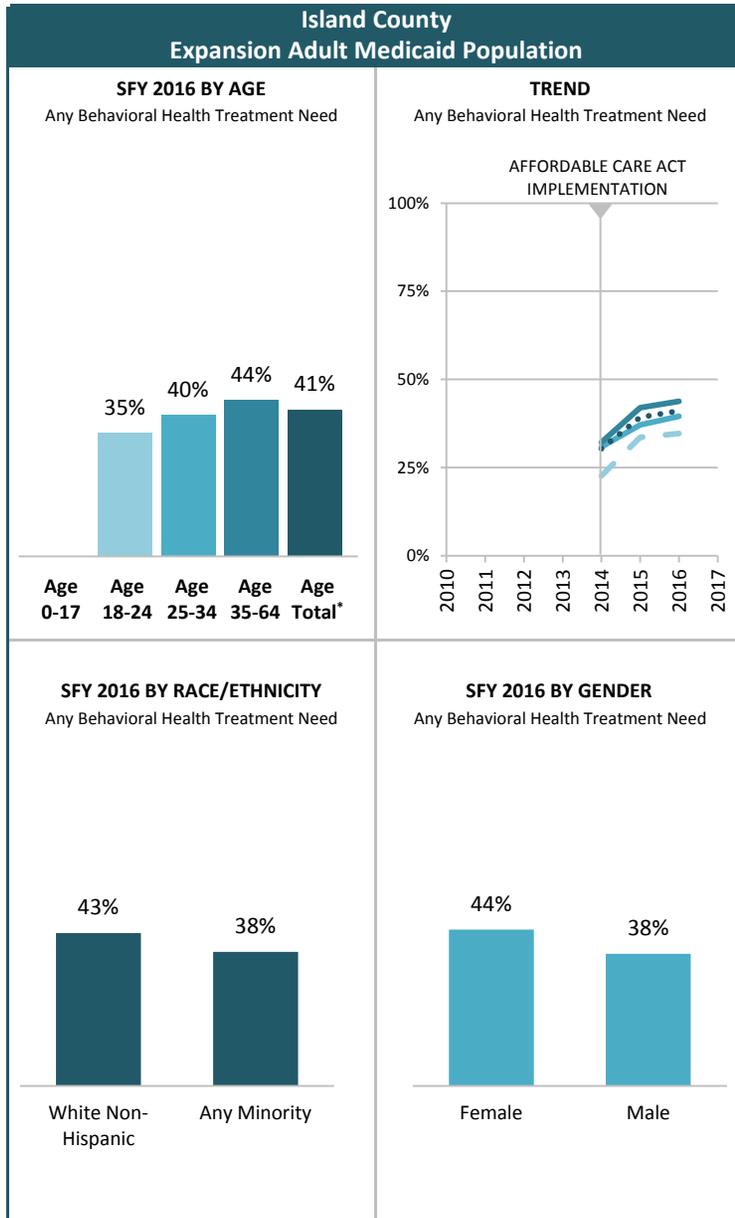
STATE:

- 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	Island County Expansion Adult Medicaid Population								Washington State Medicaid Population Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 18-24 w/Any BH Tx Need					22.6%	33.6%	34.6%						25.3%	31.6%	34.8%	
Persons w/Any BH Tx Need					96	243	292						15,169	32,694	41,688	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/Any BH Tx Need					30.9%	37.1%	39.6%						29.2%	37.7%	41.3%	
Persons w/Any BH Tx Need					213	471	600						29,942	66,765	84,634	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/Any BH Tx Need					32.1%	42.0%	43.8%						30.1%	41.5%	45.8%	
Persons w/Any BH Tx Need					517	1,067	1,255						59,718	131,579	158,048	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total¹ w/Any BH Tx Need					30.3%	39.3%	41.1%						29.1%	38.6%	42.5%	
Persons w/Any BH Tx Need					826	1,781	2,147						104,829	231,038	284,370	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need					53.4%	59.6%	56.1%						50.4%	58.8%	60.5%	
Persons w/Any BH Tx Need					39	84	87						8,459	17,867	21,353	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/Any BH Tx Need					15.6%	24.9%	28.6%						13.9%	21.4%	25.0%	
Persons w/Any BH Tx Need					17	50	60						4,585	10,380	12,979	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/Any BH Tx Need					32.1%	39.2%	42.1%						27.5%	38.3%	41.1%	
Persons w/Any BH Tx Need					35	83	101						7,779	18,791	23,089	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/Any BH Tx Need					14.8%	21.5%	21.8%						19.0%	25.9%	29.3%	
Persons w/Any BH Tx Need					16	43	49						2,180	5,292	6,879	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/Any BH Tx Need					23.3%	37.2%	38.5%						22.5%	31.8%	36.3%	
Persons w/Any BH Tx Need					48	138	171						11,811	26,899	35,103	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/Any BH Tx Need					32.4%	41.3%	43.2%						33.1%	42.9%	46.8%	
Persons w/Any BH Tx Need					669	1,380	1,670						71,668	154,974	188,282	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/Any BH Tx Need					27.0%	36.4%	37.8%						24%	33%	37%	
Persons w/Any BH Tx Need					139	350	413						31,339	71,097	88,980	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/Any BH Tx Need					31.0%	42.0%	44.4%						29.4%	39.8%	44.4%	
Persons w/Any BH Tx Need					452	994	1,211						52,649	116,264	145,699	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/Any BH Tx Need					29.6%	36.3%	37.5%						28.8%	37.6%	40.6%	
Persons w/Any BH Tx Need					374	787	936						52,180	114,774	138,671	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

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

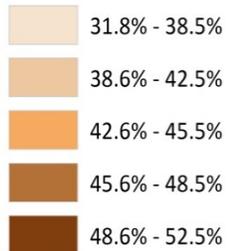
MARCH 2017

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.

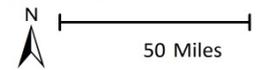
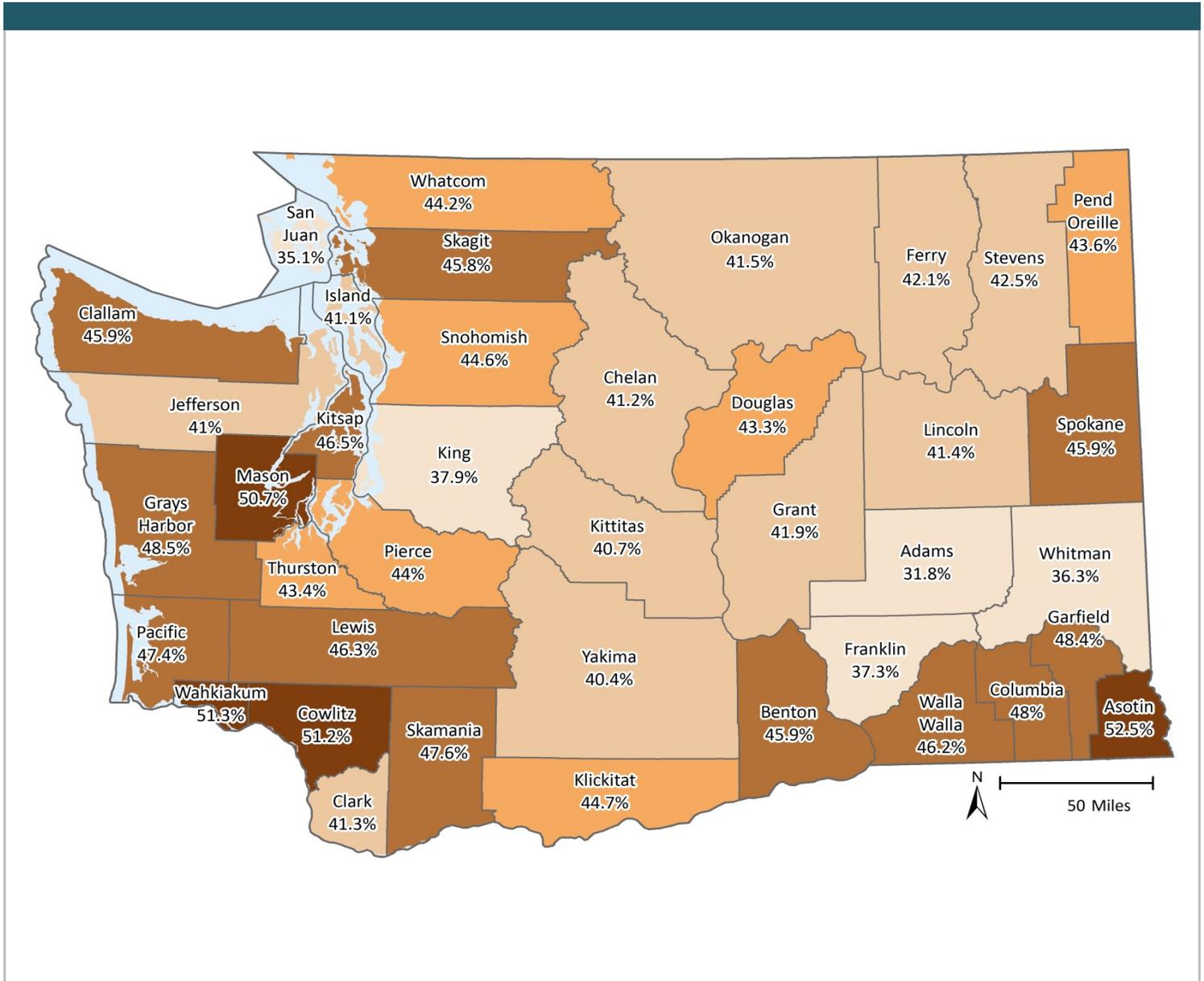
Percent of Medicaid-Expansion Adults with Any Behavioral Health Tx Need



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*

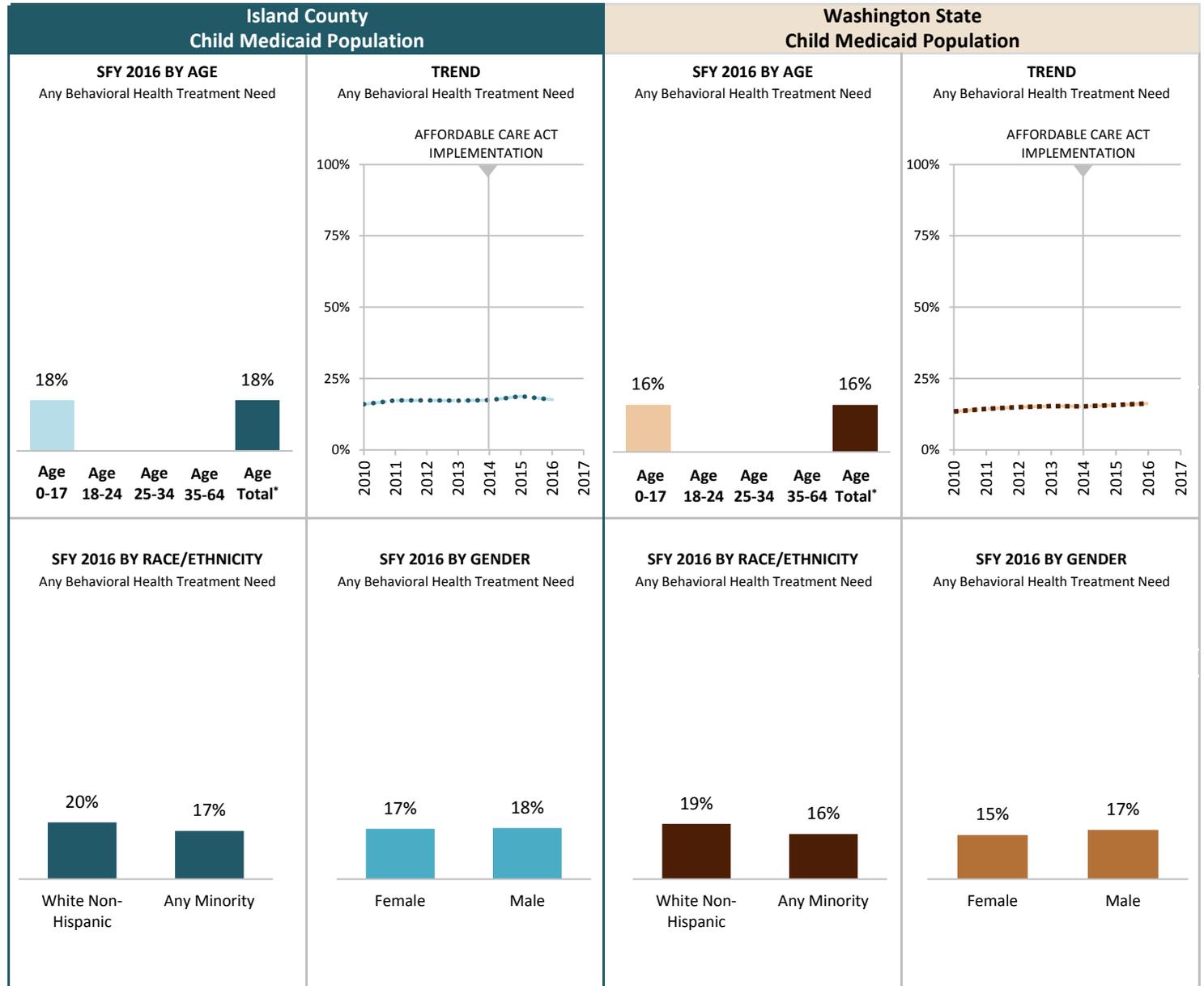
STATE:

- 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	Island County Child Medicaid Population								Washington State Medicaid Population Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need	16.0%	17.3%	17.3%	17.2%	17.4%	18.8%	17.6%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	550	610	612	626	710	809	818		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 25-34 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 35-64 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age Total¹ w/Any BH Tx Need	16.0%	17.3%	17.3%	17.2%	17.4%	18.8%	17.6%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	550	610	612	626	710	809	818		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need	37.6%	34.0%	32.3%	29.0%	37.1%	34.9%	32.6%		26.7%	27.2%	27.8%	28.4%	28.4%	28.7%	29.0%	
Persons w/Any BH Tx Need	47	49	50	45	49	52	42		10,825	11,217	11,512	11,763	11,740	11,770	11,876	
Total persons	125	144	155	155	132	149	129		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Any BH Tx Need	14.9%	15.1%	13.3%	14.1%	10.4%	11.7%	10.8%		8.8%	9.8%	10.7%	11.1%	10.9%	11.5%	12.2%	
Persons w/Any BH Tx Need	26	26	23	27	22	24	23		3,150	3,761	4,265	4,531	4,831	5,237	5,607	
Total persons	175	172	173	192	212	206	212		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Any BH Tx Need	16.6%	17.2%	14.8%	16.0%	15.6%	18.9%	18.8%		16.2%	17.5%	18.0%	18.2%	18.2%	18.6%	19.1%	
Persons w/Any BH Tx Need	51	52	47	57	60	76	74		10,379	11,671	12,336	12,789	13,190	13,742	14,458	
Total persons	307	303	318	356	385	403	393		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Any BH Tx Need	9.3%	11.1%	8.5%	8.8%	8.3%	12.7%	11.2%		9.2%	10.2%	11.0%	11.4%	11.6%	11.7%	11.9%	
Persons w/Any BH Tx Need	20	23	18	20	20	31	30		2,199	2,676	3,089	3,333	3,566	3,822	4,105	
Total persons	215	208	213	227	242	244	269		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Any BH Tx Need	14.0%	17.1%	18.6%	16.7%	17.4%	16.3%	16.0%		10.1%	11.5%	12.5%	13.0%	13.3%	14.0%	14.9%	
Persons w/Any BH Tx Need	65	83	87	79	97	101	106		19,049	22,863	25,566	27,156	28,691	31,152	34,104	
Total persons	463	485	468	474	557	618	662		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Any BH Tx Need	18.2%	19.2%	19.5%	19.5%	19.7%	20.9%	19.8%		16.5%	17.3%	17.8%	18.3%	17.9%	18.5%	19.3%	
Persons w/Any BH Tx Need	385	418	423	431	494	545	550		43,255	47,356	49,303	50,706	52,492	55,528	59,503	
Total persons	2,114	2,177	2,170	2,205	2,508	2,602	2,772		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Any BH Tx Need	15.4%	17.2%	16.5%	16.2%	16.3%	17.9%	16.8%		12%	14%	14%	15%	15%	15%	16%	
Persons w/Any BH Tx Need	159	181	180	186	207	243	237		39,232	44,949	48,859	51,215	53,301	56,638	60,909	
Total persons	1,032	1,052	1,089	1,148	1,268	1,358	1,407		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Any BH Tx Need	14.3%	16.3%	15.0%	14.9%	15.7%	17.5%	17.5%		12.1%	12.9%	13.5%	13.9%	14.0%	14.6%	15.4%	
Persons w/Any BH Tx Need	239	285	259	264	313	373	406		37,086	41,769	44,419	46,375	48,733	52,676	57,970	
Total persons	1,675	1,753	1,722	1,766	1,991	2,134	2,322		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Any BH Tx Need	17.7%	18.4%	19.5%	19.4%	19.1%	20.1%	17.8%		14.8%	15.8%	16.5%	16.8%	16.5%	16.7%	17.1%	
Persons w/Any BH Tx Need	311	325	353	362	397	436	412		46,587	52,346	55,781	57,626	59,348	62,254	66,526	
Total persons	1,762	1,769	1,810	1,867	2,083	2,164	2,319		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

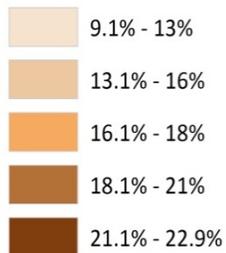
MARCH 2017

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.

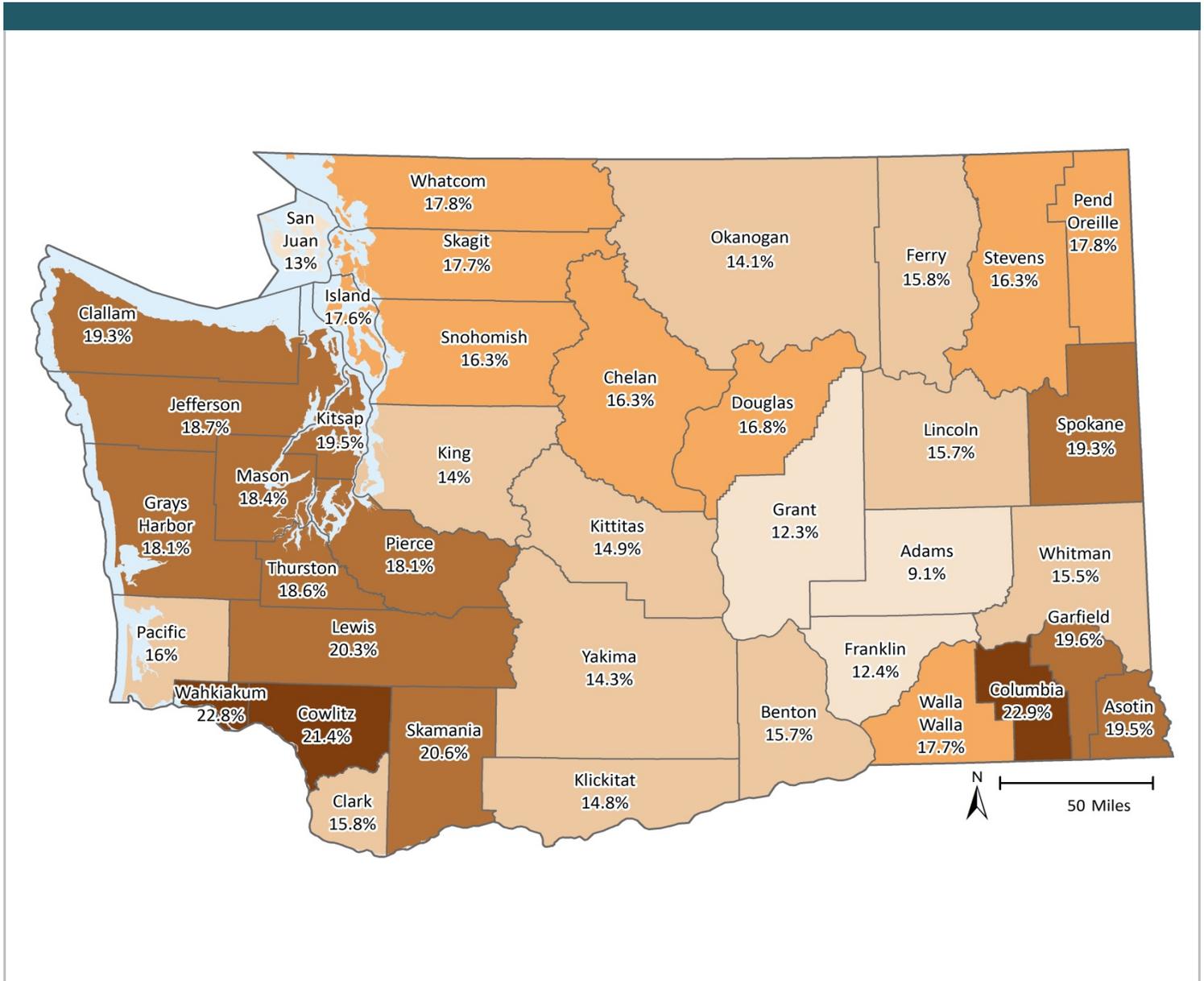
Percent of Medicaid-Children with Any Behavioral Health Tx Need



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

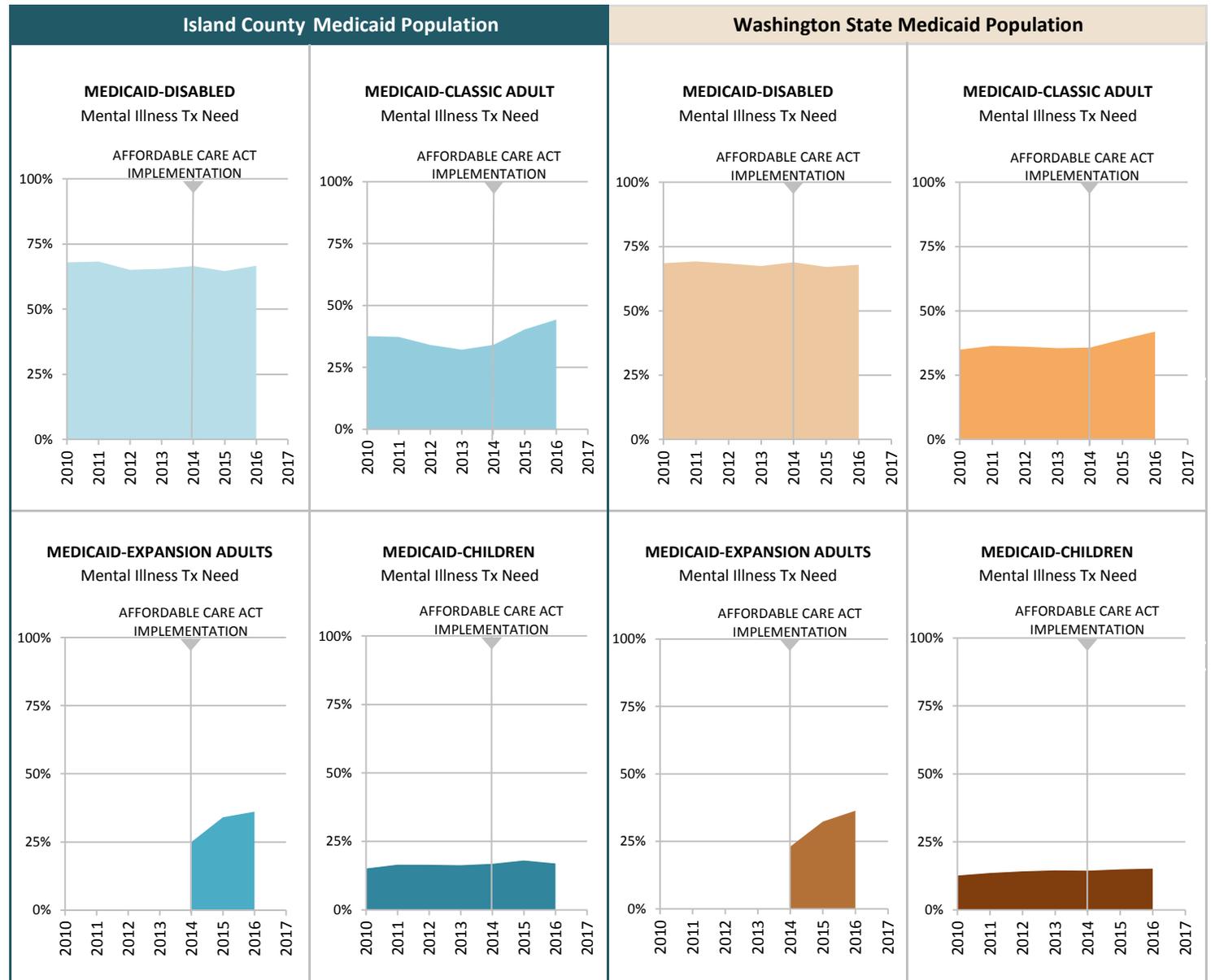
STATE:

- 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**

	Island County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	68.0%	68.3%	65.1%	65.5%	66.6%	64.7%	66.7%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	507	575	554	603	583	428	440		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	37.6%	37.3%	34.0%	32.1%	34.0%	40.3%	44.3%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	440	467	432	412	475	598	637		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					25.0%	34.1%	36.1%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					680	1,544	1,886						83,208	193,369	243,541	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	15.1%	16.5%	16.4%	16.3%	16.8%	18.0%	16.9%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	519	581	581	592	685	775	786		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		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*

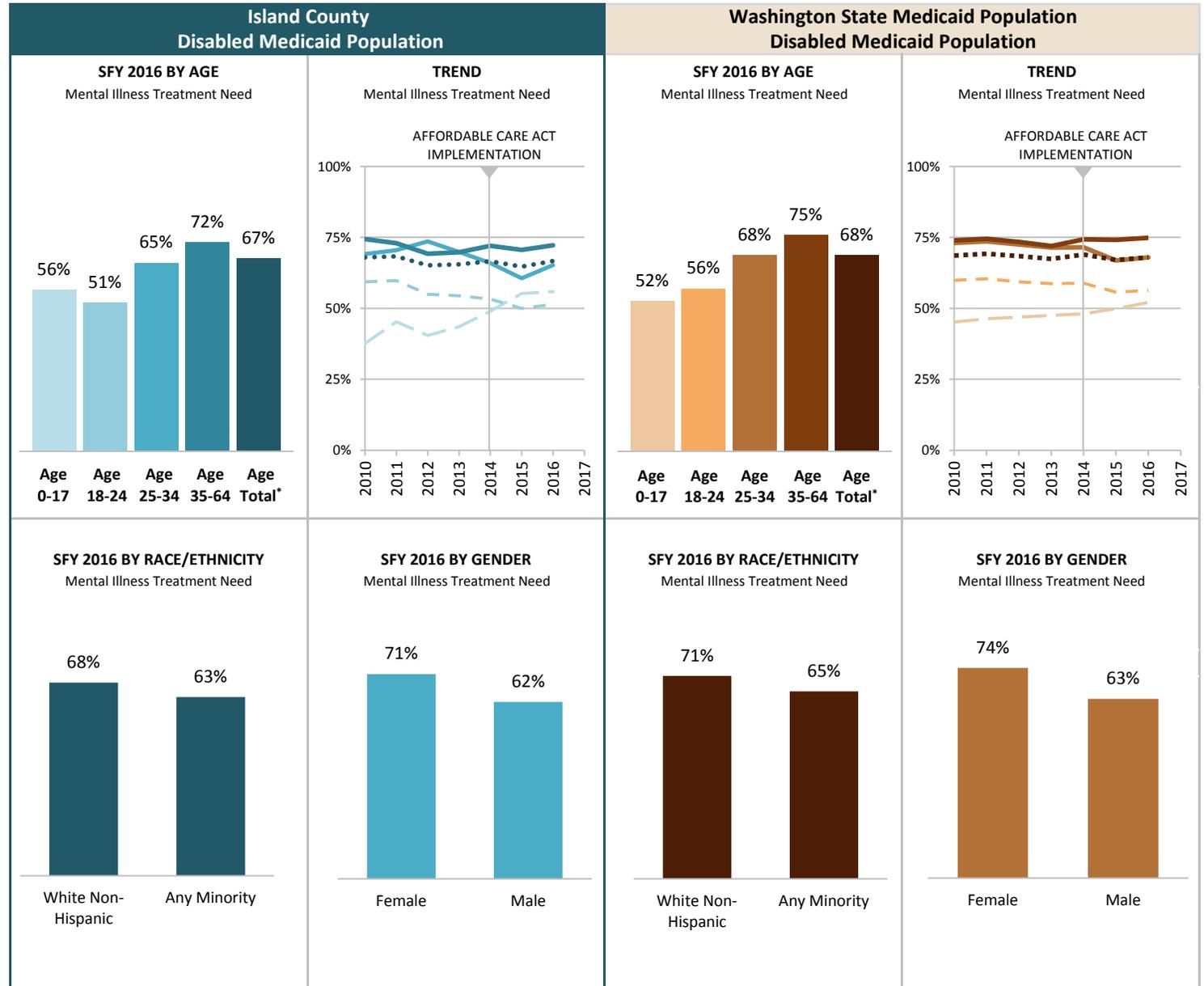
STATE:

- 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

	Island County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need	37.7%	45.2%	40.4%	43.5%	49.0%	55.2%	55.9%		45.1%	46.4%	46.9%	47.5%	48.1%	49.9%	52.1%	
Persons w/MI Tx Need	29	38	38	37	48	53	52		7,574	8,025	8,442	8,813	8,896	9,186	9,806	
Total persons	77	84	94	85	98	96	93		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/MI Tx Need	59.3%	59.8%	54.9%	54.4%	53.3%	50.0%	51.4%		59.9%	60.4%	59.4%	58.7%	58.9%	55.7%	56.3%	
Persons w/MI Tx Need	54	58	50	62	49	37	37		7,445	7,558	7,455	7,482	6,992	5,450	5,421	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/MI Tx Need	69.1%	70.5%	73.6%	69.8%	65.9%	60.6%	65.2%		73.0%	73.6%	72.5%	71.4%	71.5%	66.9%	67.9%	
Persons w/MI Tx Need	76	86	89	81	87	57	60		12,368	12,873	13,297	13,823	13,168	9,120	9,250	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/MI Tx Need	74.4%	72.9%	69.2%	69.8%	72.0%	70.6%	72.2%		73.9%	74.5%	73.4%	72.0%	74.3%	74.1%	74.9%	
Persons w/MI Tx Need	348	393	377	423	399	281	291		58,202	60,490	62,655	64,587	62,365	44,998	44,303	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/MI Tx Need	68.0%	68.3%	65.1%	65.5%	66.6%	64.7%	66.7%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	507	575	554	603	583	428	440		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	64.1%	68.1%	64.8%	72.7%	79.3%	76.5%	81.8%		74.7%	76.2%	75.0%	74.1%	75.2%	74.4%	74.3%	
Persons w/MI Tx Need	25	32	35	40	46	26	27		9,456	9,902	10,080	10,362	9,972	7,743	7,510	
Total persons	39	47	54	55	58	34	33		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/MI Tx Need			36.7%	41.2%	44.4%	51.6%	53.6%		60.8%	62.0%	62.1%	61.0%	62.2%	62.1%	62.1%	
Persons w/MI Tx Need			11	14	16	16	15		3,748	3,922	3,996	4,124	3,982	3,136	3,096	
Total persons	23	22	30	34	36	31	28		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/MI Tx Need	61.1%	48.8%	47.1%	55.7%	56.9%	57.4%	63.3%		68.0%	69.0%	68.5%	67.8%	68.6%	66.1%	67.4%	
Persons w/MI Tx Need	22	21	24	34	33	27	31		10,692	11,405	12,084	12,609	12,357	9,453	9,644	
Total persons	36	43	51	61	58	47	49		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/MI Tx Need					42.3%	55.0%	55.0%		57.4%	59.0%	59.1%	59.0%	59.5%	57.8%	60.0%	
Persons w/MI Tx Need					11	11	11		1,536	1,715	1,794	1,935	1,928	1,507	1,564	
Total persons	19	21	22	23	26	20	20		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/MI Tx Need	61.9%	67.3%	58.3%	62.5%	62.5%	57.7%	58.6%		55.5%	57.0%	57.1%	56.8%	58.2%	56.4%	58.9%	
Persons w/MI Tx Need	26	33	28	35	35	30	34		6,632	7,330	7,950	8,430	8,384	6,833	7,196	
Total persons	42	49	48	56	56	52	58		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/MI Tx Need	71.4%	72.0%	69.1%	68.1%	68.5%	67.7%	68.4%		71.3%	71.8%	70.9%	69.9%	71.6%	70.0%	70.7%	
Persons w/MI Tx Need	26	33	28	35	35	30	34		55,989	57,443	58,839	60,416	58,016	42,681	42,349	
Total persons	587	647	641	695	644	477	474		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/MI Tx Need	57.6%	57.8%	54.5%	59.8%	63.5%	60.0%	63.3%		65%	66%	66%	65%	66%	64%	65%	
Persons w/MI Tx Need	83	100	102	122	132	96	105		28,981	30,796	32,246	33,509	32,670	25,492	25,766	
Total persons	144	173	187	204	208	160	166		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/MI Tx Need	71.8%	71.0%	68.4%	71.1%	70.5%	67.5%	71.4%		73.4%	74.0%	73.5%	72.8%	74.3%	72.9%	73.5%	
Persons w/MI Tx Need	295	323	316	347	327	231	242		45,213	46,818	48,086	49,183	47,126	36,082	35,556	
Total persons	411	455	462	488	464	342	339		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/MI Tx Need	63.3%	65.1%	61.2%	59.1%	62.1%	61.6%	61.7%		63.8%	64.6%	63.5%	62.5%	63.9%	61.6%	62.8%	
Persons w/MI Tx Need	212	252	238	256	256	197	198		40,376	42,128	43,763	45,522	44,295	32,672	33,224	
Total persons	335	387	389	433	412	320	321		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Mental Illness Treatment Need Rates

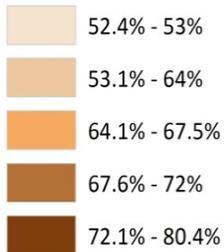
Among Medicaid-Disabled Youth and Adults, by County

SFY 2016

INDICATOR

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

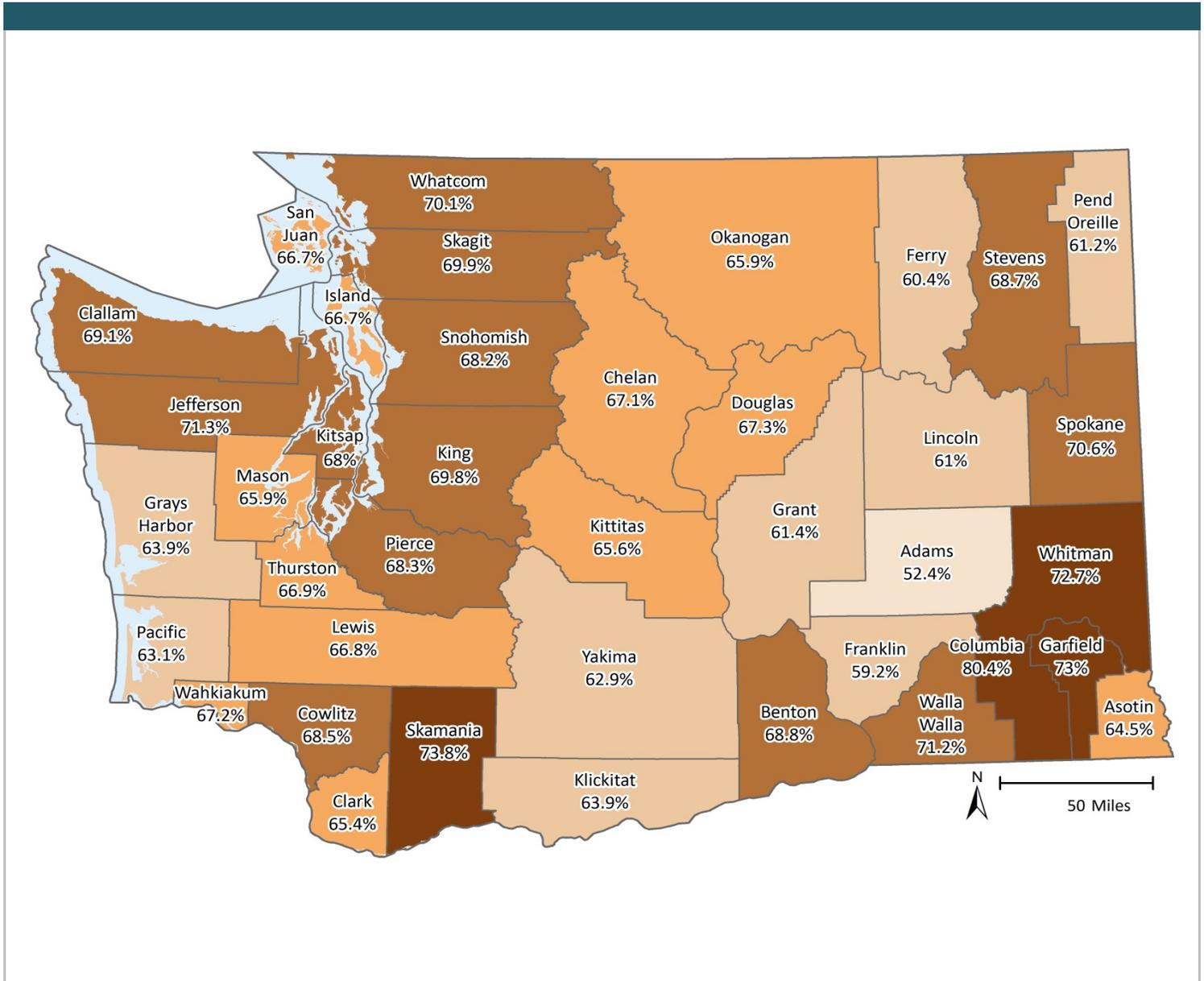
Percent of Medicaid-Disabled Youth and Adults with Mental Illness Tx Need



SOURCE & POPULATION

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

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



Mental Illness Treatment Need

INDICATOR

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

COUNTY:

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

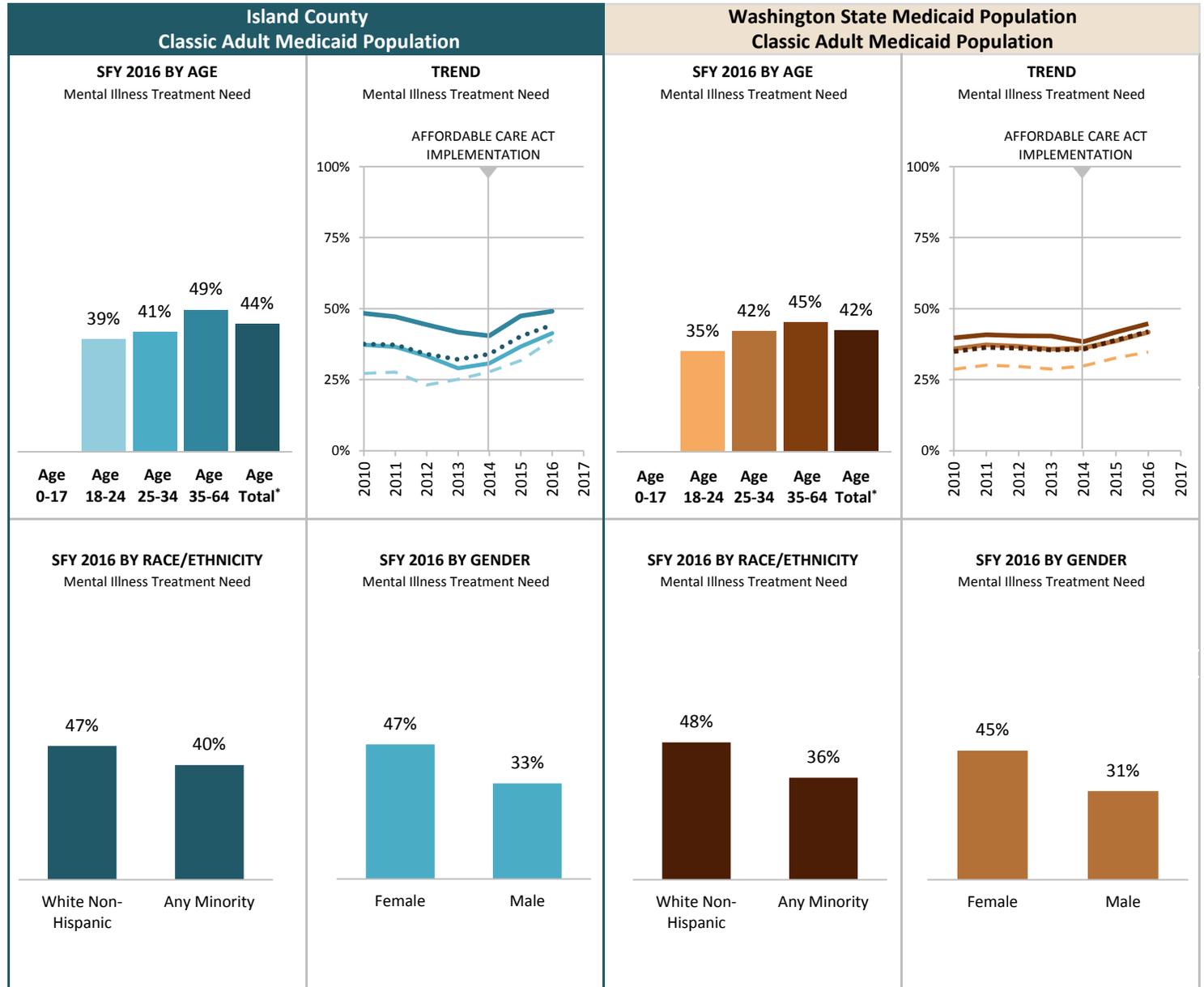
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Mental Illness Treatment Need

	Island County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 18-24 w/MI Tx Need	27.2%	27.7%	23.2%	25.1%	27.7%	31.8%	39.0%		28.7%	30.1%	29.7%	28.7%	29.8%	32.6%	34.7%	
Persons w/MI Tx Need	90	90	69	74	66	67	78		15,375	16,033	14,930	13,440	12,554	11,331	10,376	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/MI Tx Need	37.3%	36.5%	33.3%	29.0%	30.7%	36.7%	41.4%		35.8%	37.3%	36.7%	35.8%	36.2%	38.7%	41.7%	
Persons w/MI Tx Need	189	209	203	169	187	248	264		28,470	31,662	31,287	30,377	32,525	35,327	36,407	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/MI Tx Need	48.3%	47.2%	44.3%	41.7%	40.4%	47.4%	49.1%		39.8%	40.8%	40.5%	40.4%	38.3%	41.8%	44.7%	
Persons w/MI Tx Need	161	168	160	169	222	283	295		21,490	23,840	24,285	24,437	29,616	36,246	38,210	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/MI Tx Need	37.6%	37.3%	34.0%	32.1%	34.0%	40.3%	44.3%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	440	467	432	412	475	598	637		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	49.1%	44.4%	50.0%	41.4%	47.4%	51.7%	63.6%		46.5%	47.5%	46.8%	46.0%	47.2%	50.5%	53.6%	
Persons w/MI Tx Need	26	28	33	24	27	31	35		7,306	7,620	7,435	7,139	7,323	7,455	7,387	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/MI Tx Need			21.4%	24.5%	26.3%	31.4%	28.0%		22.5%	22.9%	23.7%	23.4%	21.8%	24.1%	26.6%	
Persons w/MI Tx Need			12	13	20	22	21		2,012	2,256	2,464	2,448	2,794	3,336	3,539	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/MI Tx Need	35.8%	35.6%	33.0%	31.0%	40.8%	39.2%	42.2%		31.3%	33.3%	32.6%	31.5%	32.7%	35.4%	38.0%	
Persons w/MI Tx Need	29	31	31	31	42	38	38		6,407	7,327	7,285	7,088	7,623	7,997	8,081	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/MI Tx Need				20.0%	22.0%	18.8%	20.0%		21.3%	22.5%	22.2%	21.6%	21.9%	24.2%	26.4%	
Persons w/MI Tx Need				14	18	16	19		1,406	1,619	1,703	1,734	2,028	2,430	2,552	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/MI Tx Need	38.7%	33.7%	27.6%	26.1%	29.4%	35.4%	45.2%		28.4%	29.5%	29.6%	28.9%	28.7%	32.5%	35.0%	
Persons w/MI Tx Need	36	30	32	35	47	63	80		7,938	8,918	9,178	8,972	10,522	12,537	12,907	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/MI Tx Need	40.8%	40.4%	36.9%	33.9%	35.3%	43.2%	46.9%		38.8%	40.6%	40.3%	39.9%	40.6%	44.4%	47.9%	
Persons w/MI Tx Need	36	30	32	35	47	63	80		42,400	46,084	45,054	43,542	47,321	52,141	53,278	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/MI Tx Need	34.5%	32.6%	30.4%	29.8%	32.8%	35.6%	40.2%		31%	32%	32%	31%	30%	33%	36%	
Persons w/MI Tx Need	96	97	101	105	133	150	167		22,085	24,464	24,585	23,928	26,494	29,661	30,248	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/MI Tx Need	40.1%	40.2%	37.5%	34.4%	36.0%	42.4%	47.1%		38.0%	39.7%	39.3%	38.6%	39.1%	42.2%	45.0%	
Persons w/MI Tx Need	375	399	370	344	382	494	538		55,194	59,991	59,188	57,534	62,765	69,738	71,499	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/MI Tx Need	27.7%	26.2%	22.0%	24.0%	27.7%	32.6%	33.4%		24.1%	25.4%	25.2%	24.8%	24.5%	27.7%	30.9%	
Persons w/MI Tx Need	65	68	62	68	93	104	99		10,141	11,544	11,314	10,720	11,930	13,166	13,494	
Total persons	235	260	282	283	336	319	296		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

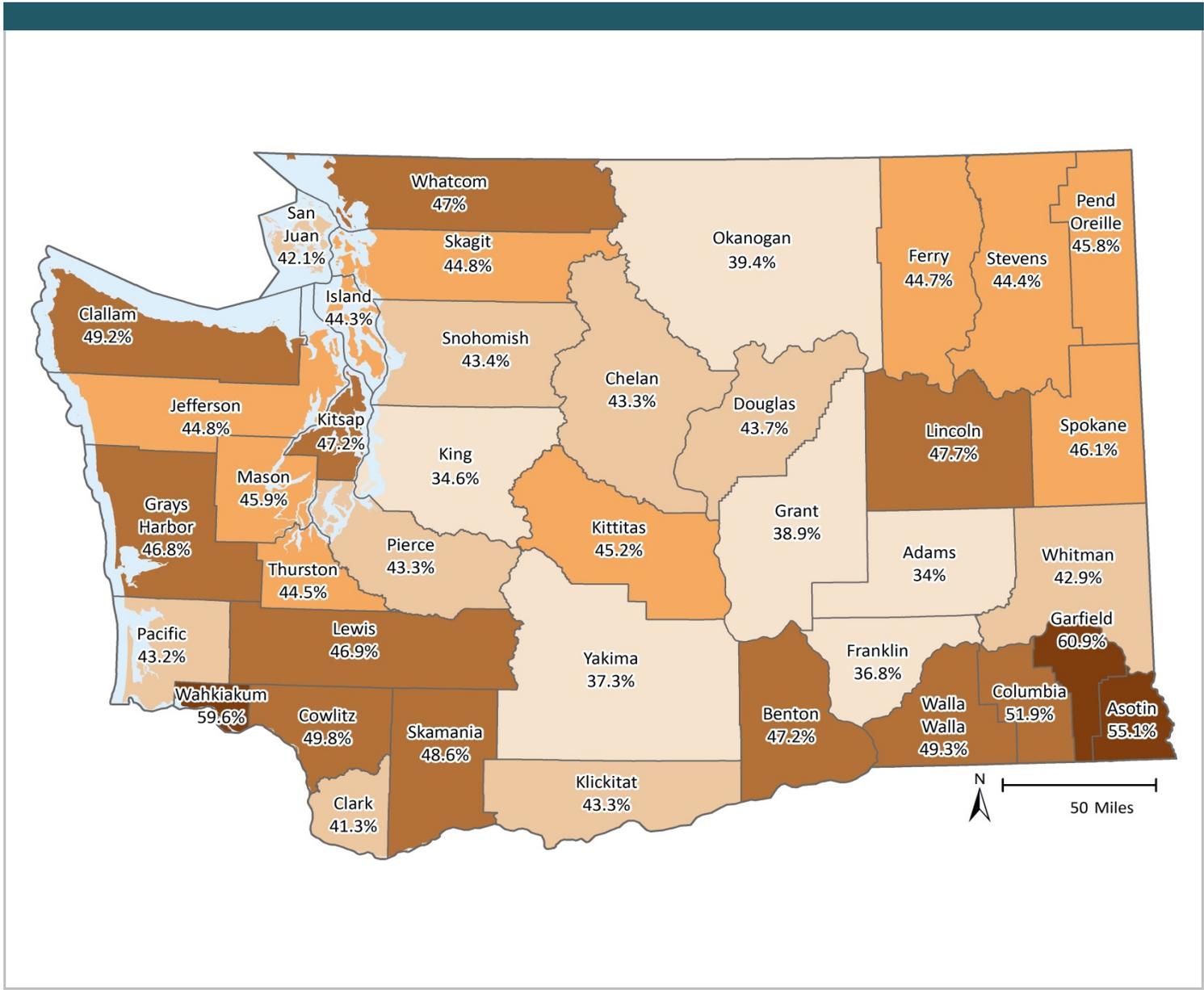
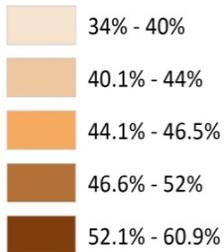
MARCH 2017

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*

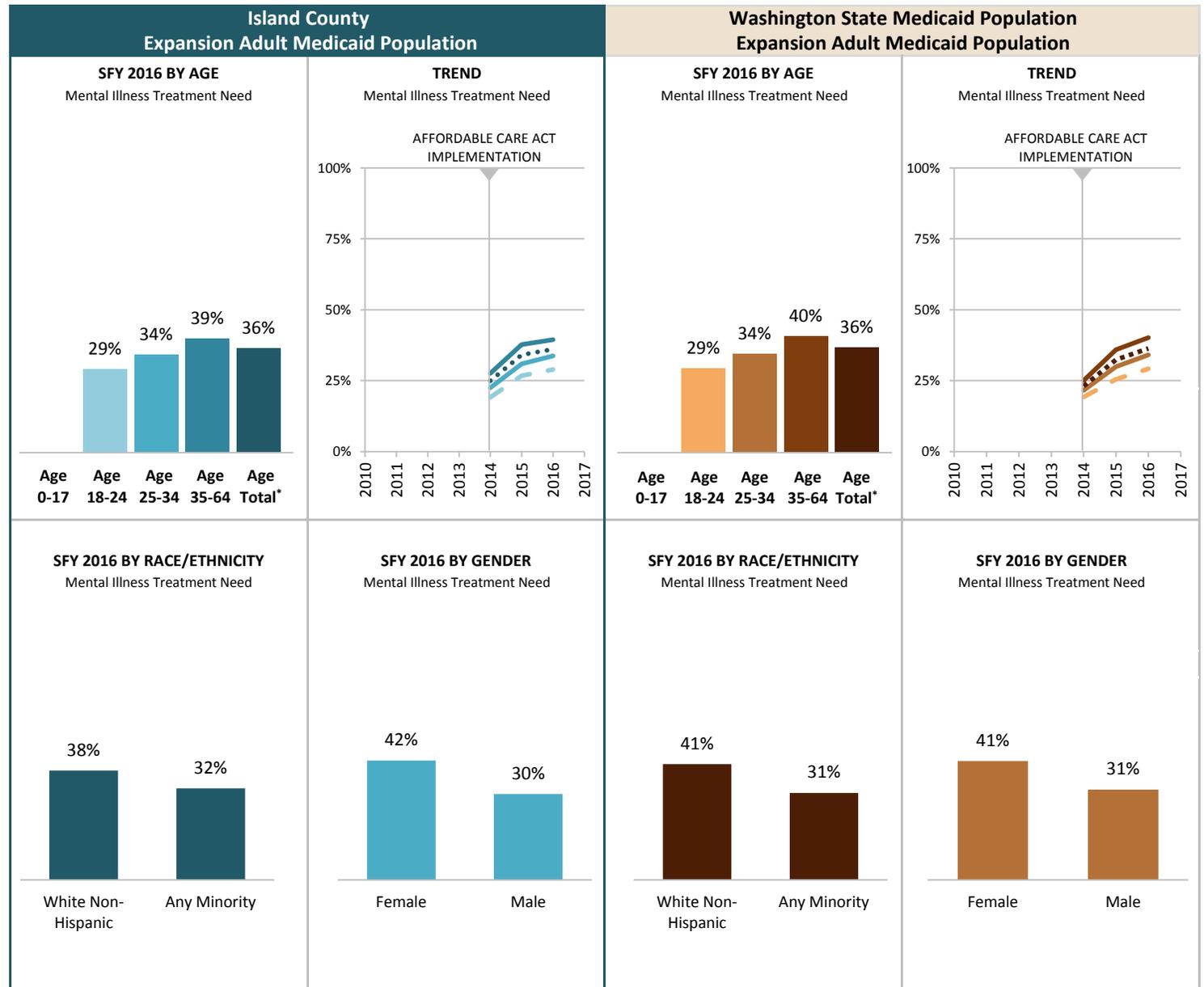
STATE:

- 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	Island County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 18-24 w/MI Tx Need					19.1%	26.8%	28.9%						19.3%	25.5%	29.2%	
Persons w/MI Tx Need					81	194	244						11,523	26,376	35,007	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/MI Tx Need					22.5%	30.9%	33.8%						21.6%	30.0%	34.1%	
Persons w/MI Tx Need					155	392	512						22,106	53,137	69,766	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/MI Tx Need					27.6%	37.7%	39.5%						25.0%	35.9%	40.2%	
Persons w/MI Tx Need					444	958	1,130						49,579	113,856	138,768	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total¹ w/MI Tx Need					25.0%	34.1%	36.1%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					680	1,544	1,886						83,208	193,369	243,541	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need					42.5%	50.4%	45.8%						35.5%	44.7%	47.3%	
Persons w/MI Tx Need					31	71	71						5,962	13,594	16,692	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/MI Tx Need					11.9%	19.9%	23.8%						11.1%	18.2%	21.8%	
Persons w/MI Tx Need					13	40	50						3,650	8,823	11,294	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/MI Tx Need					18.3%	28.8%	35.4%						19.4%	29.9%	33.2%	
Persons w/MI Tx Need					20	61	85						5,495	14,676	18,660	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/MI Tx Need					12.0%	17.5%	19.6%						14.2%	21.2%	24.5%	
Persons w/MI Tx Need					13	35	44						1,627	4,325	5,743	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/MI Tx Need					19.9%	29.6%	31.8%						17.3%	26.0%	30.3%	
Persons w/MI Tx Need					41	110	141						9,053	22,001	29,358	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/MI Tx Need					27.0%	36.3%	38.2%						26.9%	36.5%	40.7%	
Persons w/MI Tx Need					41	110	141						58,254	131,865	163,838	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/MI Tx Need					20.8%	29.6%	32.0%						18%	27%	31%	
Persons w/MI Tx Need					107	284	349						23,326	57,043	73,298	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/MI Tx Need					28.6%	39.3%	41.7%						26.5%	36.8%	41.4%	
Persons w/MI Tx Need					417	930	1,137						47,466	107,650	135,980	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/MI Tx Need					20.8%	28.3%	30.0%						19.7%	28.1%	31.5%	
Persons w/MI Tx Need					263	614	749						35,742	85,719	107,561	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

Mental Illness Treatment Need Rates

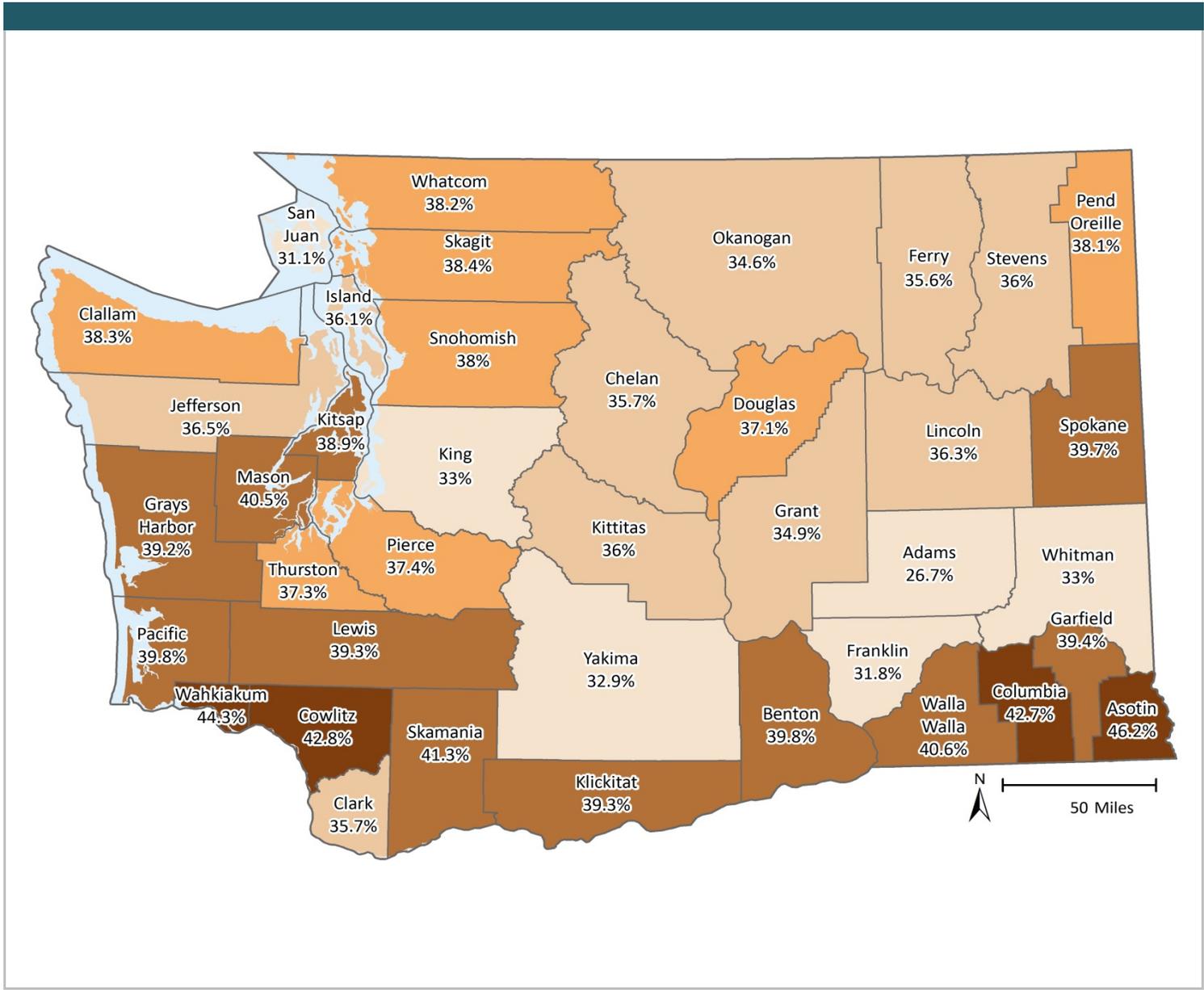
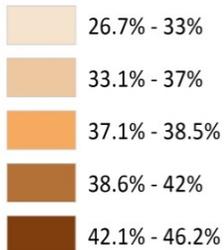
Among Medicaid-Expansion Adults, by County

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*

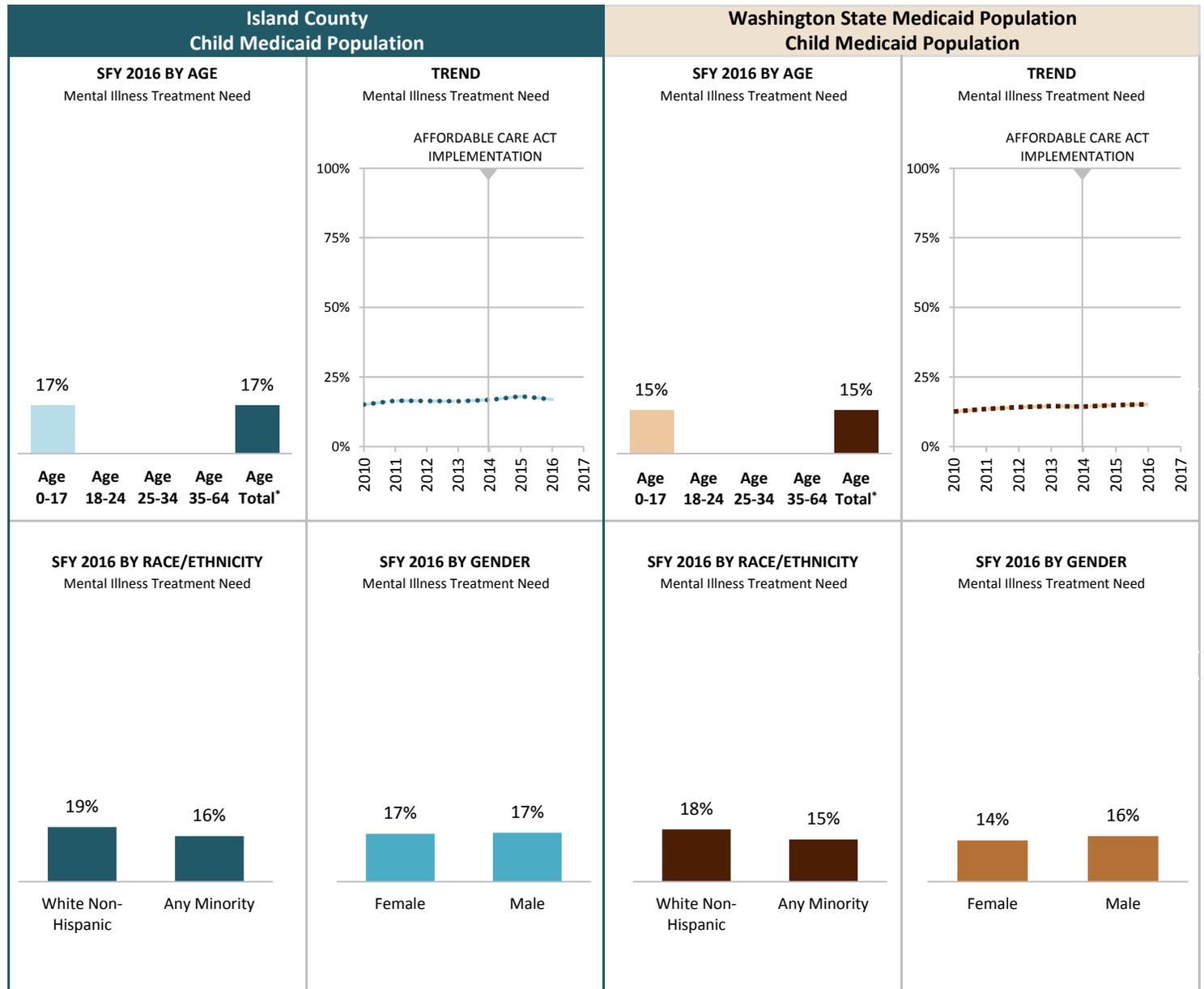
STATE:

- 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

	Island County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/MI Tx Need	15.1%	16.5%	16.4%	16.3%	16.8%	18.0%	16.9%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	519	581	581	592	685	775	786		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 25-34 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 35-64 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age Total¹ w/MI Tx Need	15.1%	16.5%	16.4%	16.3%	16.8%	18.0%	16.9%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	519	581	581	592	685	775	786		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	34.4%	31.9%	31.6%	27.7%	34.8%	33.6%	29.5%		25.0%	25.5%	26.1%	26.6%	26.6%	27.0%	27.2%	
Persons w/MI Tx Need	43	46	49	43	46	50	38		10,124	10,518	10,803	11,016	10,988	11,075	11,107	
Total persons	125	144	155	155	132	149	129		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/MI Tx Need	13.1%	14.0%	11.6%	13.5%	9.9%	11.7%	10.4%		8.2%	9.2%	10.1%	10.5%	10.4%	11.0%	11.4%	
Persons w/MI Tx Need	23	24	20	26	21	24	22		2,945	3,535	4,027	4,280	4,588	5,018	5,242	
Total persons	175	172	173	192	212	206	212		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/MI Tx Need	15.6%	16.8%	13.2%	14.9%	15.1%	17.6%	18.1%		15.2%	16.5%	16.9%	17.1%	17.1%	17.6%	17.7%	
Persons w/MI Tx Need	48	51	42	53	58	71	71		9,732	10,966	11,601	11,996	12,406	12,998	13,410	
Total persons	307	303	318	356	385	403	393		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/MI Tx Need	7.9%	10.1%	7.5%	7.9%	8.3%	12.3%	10.8%		8.5%	9.4%	10.3%	10.7%	10.9%	11.2%	11.1%	
Persons w/MI Tx Need	17	21	16	18	20	30	29		2,047	2,482	2,869	3,122	3,356	3,641	3,824	
Total persons	215	208	213	227	242	244	269		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/MI Tx Need	13.4%	16.3%	17.5%	15.8%	16.7%	15.9%	15.6%		9.3%	10.7%	11.7%	12.2%	12.4%	13.2%	13.7%	
Persons w/MI Tx Need	62	79	82	75	93	98	103		17,602	21,231	23,874	25,391	26,865	29,350	31,475	
Total persons	463	485	468	474	557	618	662		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/MI Tx Need	17.3%	18.3%	18.6%	18.5%	19.0%	20.1%	19.2%		15.6%	16.5%	17.0%	17.4%	17.1%	17.7%	18.3%	
Persons w/MI Tx Need	62	79	82	75	93	98	103		41,012	45,050	46,938	48,308	50,093	53,199	56,192	
Total persons	2,114	2,177	2,170	2,205	2,508	2,602	2,772		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/MI Tx Need	14.3%	16.3%	15.5%	15.2%	15.7%	17.2%	16.0%		11%	13%	13%	14%	14%	14%	15%	
Persons w/MI Tx Need	148	172	169	175	199	233	225		36,497	41,975	45,769	47,952	49,979	53,474	56,412	
Total persons	1,032	1,052	1,089	1,148	1,268	1,358	1,407		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/MI Tx Need	13.6%	15.7%	14.3%	14.2%	15.5%	17.0%	16.8%		11.4%	12.3%	12.8%	13.3%	13.3%	14.0%	14.4%	
Persons w/MI Tx Need	227	275	246	250	309	362	389		35,149	39,693	42,300	44,175	46,483	50,562	54,303	
Total persons	1,675	1,753	1,722	1,766	1,991	2,134	2,322		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/MI Tx Need	16.6%	17.3%	18.5%	18.3%	18.1%	19.1%	17.1%		13.8%	14.8%	15.5%	15.8%	15.5%	15.8%	15.9%	
Persons w/MI Tx Need	292	306	335	342	376	413	397		43,448	49,025	52,319	54,039	55,738	58,681	61,752	
Total persons	1,762	1,769	1,810	1,867	2,083	2,164	2,319		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Mental Illness Treatment Need Rates

Among Medicaid-Children, by County

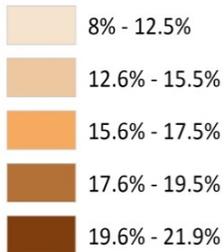
MARCH 2017

SFY 2016

INDICATOR

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

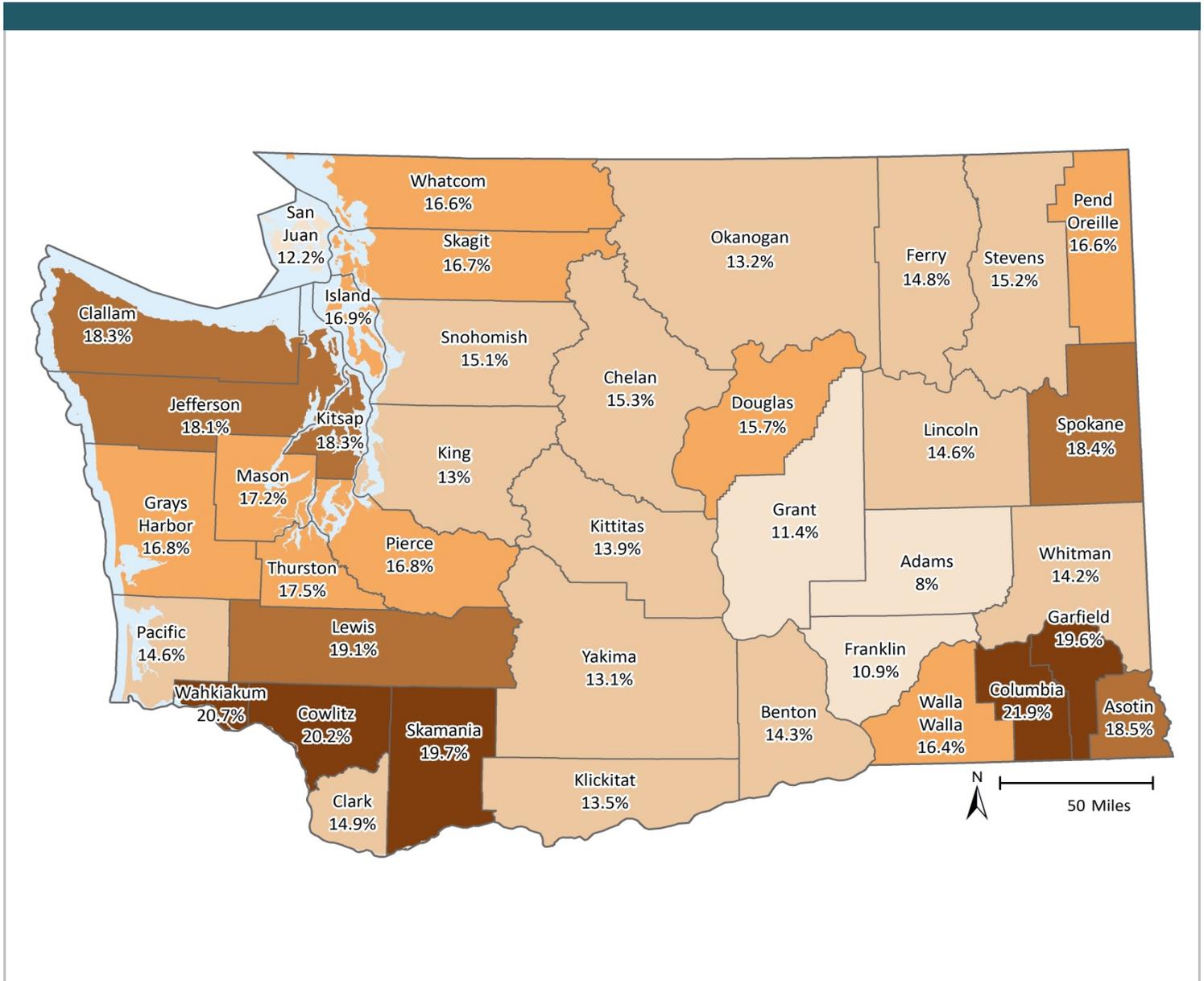
Percent of Medicaid-Children with Mental Illness Tx Need



SOURCE & POPULATION

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

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



Substance Use Disorder Treatment Need

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

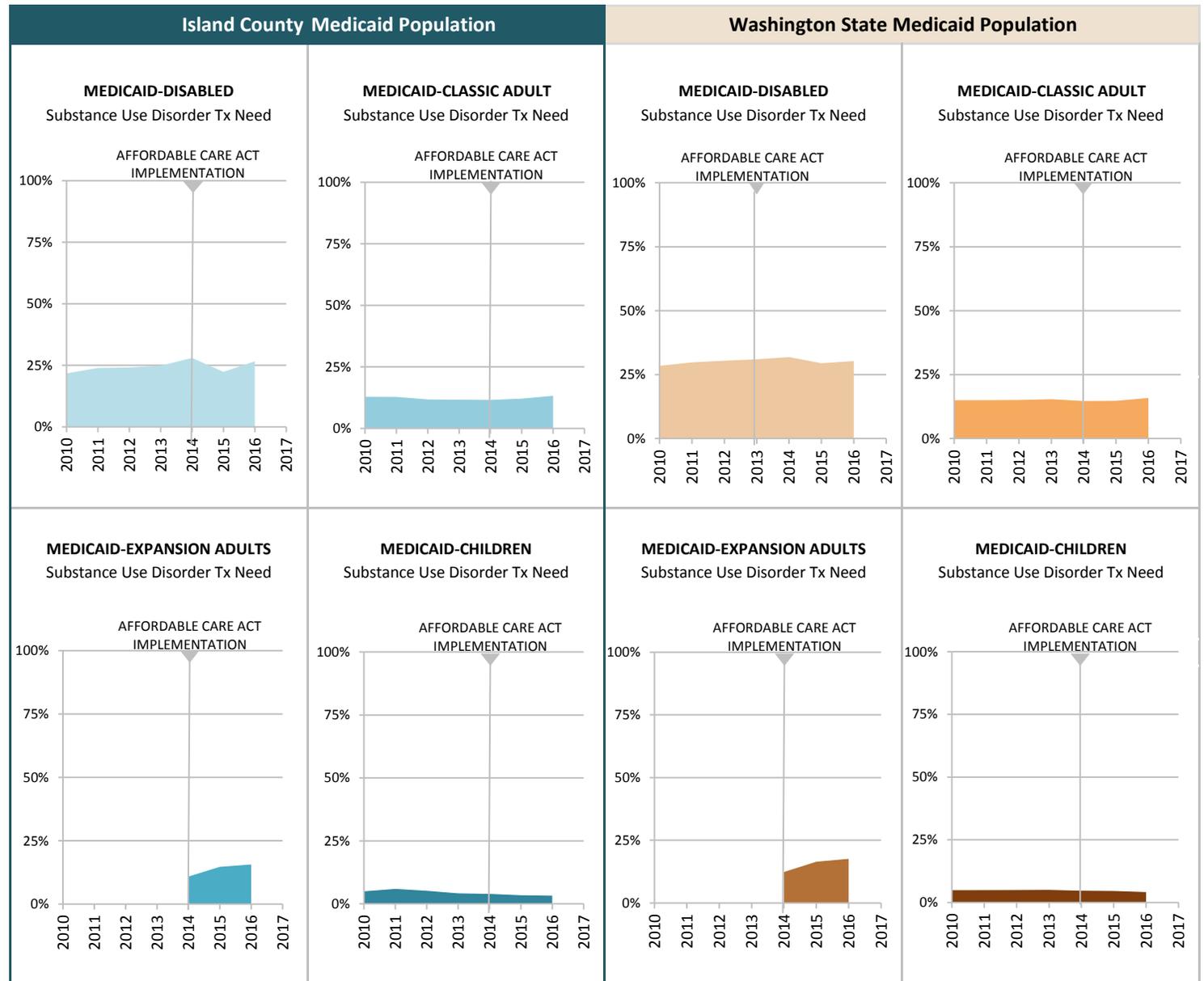
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

	Island County Medicaid Population								Washington State Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
by Medicaid Sub-Population																
Medicaid-Disabled	21.7%	23.9%	24.1%	24.8%	28.0%	22.3%	26.6%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx Need	152	190	192	216	229	135	162		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	12.8%	12.8%	11.7%	11.6%	11.5%	12.1%	13.2%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx Need	150	160	149	149	161	179	190		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					10.9%	14.7%	15.6%						12.3%	16.4%	17.6%	
Persons w/SUD Tx Need					296	667	817						44,496	98,286	117,882	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	5.0%	6.0%	5.2%	4.2%	4.0%	3.5%	3.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	47	60	53	44	49	44	44		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		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*

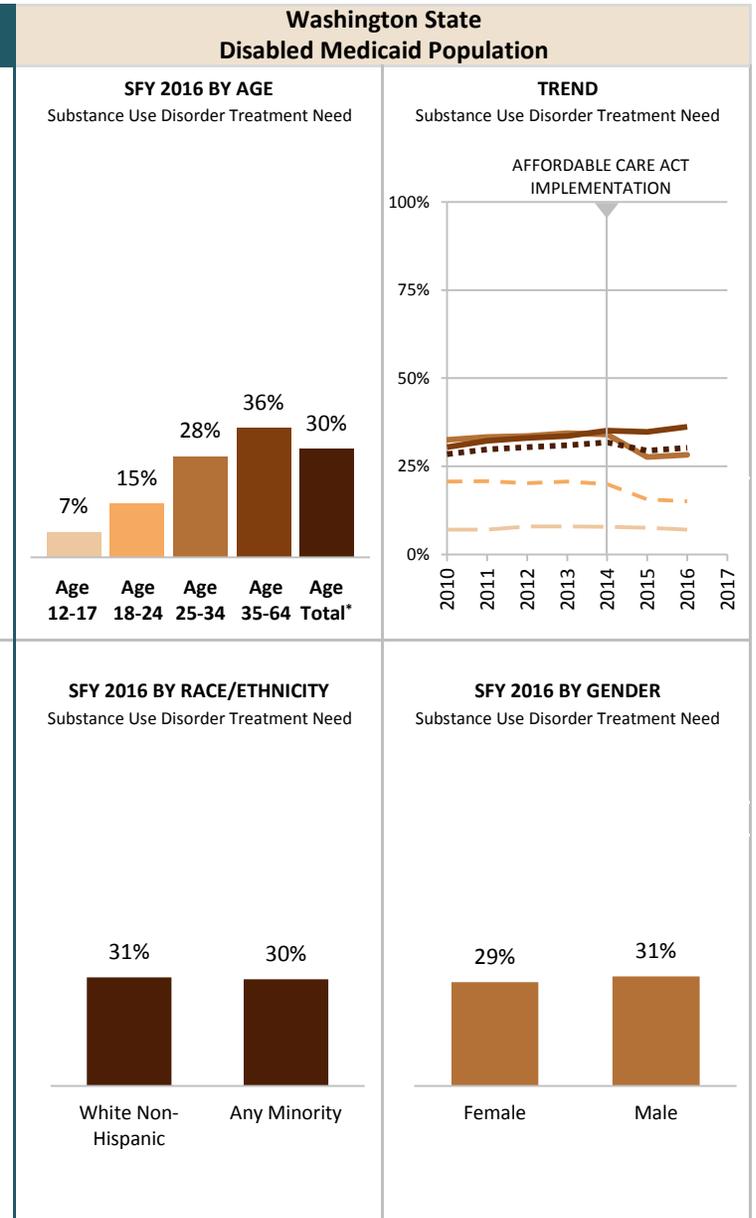
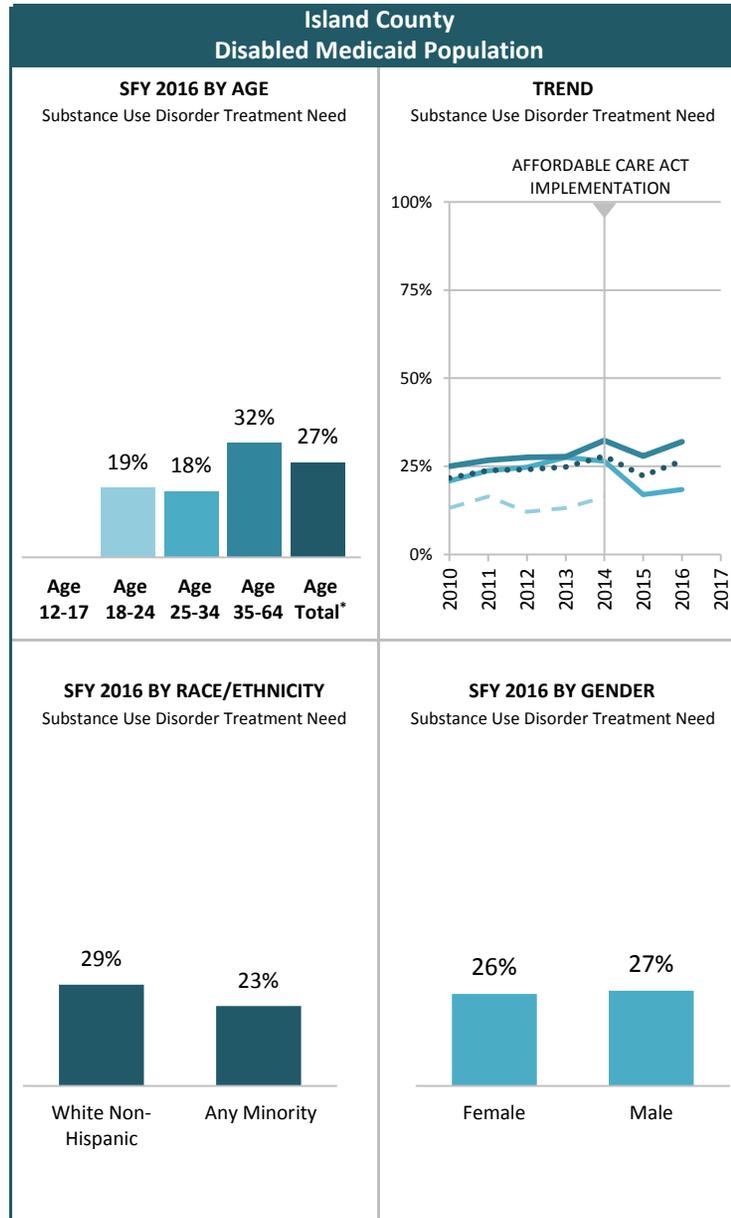
STATE:

- 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

	Island County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need									7.0%	7.1%	7.9%	8.0%	7.9%	7.6%	7.1%	
Persons w/SUD Tx Need									447	466	550	579	582	565	553	
Total persons	32	37	40	34	41	39	42		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/SUD Tx Need	13.2%	16.5%	12.1%	13.2%	16.3%		19.4%		20.7%	20.8%	20.3%	20.7%	20.0%	15.6%	15.1%	
Persons w/SUD Tx Need	12	16	11	15	15		14		2,577	2,606	2,546	2,636	2,374	1,529	1,454	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/SUD Tx Need	20.9%	23.8%	24.8%	27.6%	26.5%	17.0%	18.5%		32.5%	33.3%	33.6%	34.4%	34.1%	27.6%	28.3%	
Persons w/SUD Tx Need	23	29	30	32	35	16	17		5,513	5,825	6,171	6,661	6,273	3,767	3,852	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/SUD Tx Need	25.0%	26.7%	27.5%	27.7%	32.3%	27.9%	32.0%		30.5%	32.2%	33.1%	33.6%	35.1%	34.8%	36.3%	
Persons w/SUD Tx Need	117	144	150	168	179	111	129		23,995	26,177	28,237	30,127	29,479	21,092	21,461	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/SUD Tx Need	21.7%	23.9%	24.1%	24.8%	28.0%	22.3%	26.6%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx need	152	190	192	216	229	135	162		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need		26.7%	27.5%	29.4%	41.1%	33.3%	36.4%		41.5%	42.8%	42.7%	43.3%	44.1%	42.3%	42.8%	
Persons w/SUD Tx Need		12	14	15	23	11	12		4,848	5,139	5,311	5,601	5,404	4,018	3,962	
Total persons	38	45	51	51	56	33	33		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/SUD Tx Need									14.8%	16.0%	16.8%	17.8%	17.9%	15.4%	16.6%	
Persons w/SUD Tx Need									855	943	1,006	1,123	1,065	705	740	
Total persons	22	20	26	30	33	27	26		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/SUD Tx Need				19.3%	38.0%				35.4%	36.4%	36.6%	37.0%	36.8%	33.8%	34.0%	
Persons w/SUD Tx Need				11	19				4,970	5,357	5,767	6,166	5,916	4,174	4,197	
Total persons	29	35	45	57	50	36	39		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Hawaiian/PI w/SUD Tx Need									21.3%	22.3%	23.1%	23.1%	22.5%	18.3%	21.2%	
Persons w/SUD Tx Need									494	561	605	653	617	383	445	
Total persons	17	19	20	22	23	19	18		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/SUD Tx Need							23.4%		23.3%	24.8%	25.3%	24.9%	25.2%	21.5%	23.2%	
Persons w/SUD Tx Need							11		2,097	2,414	2,696	2,854	2,778	1,878	2,067	
Total persons	33	43	40	48	42	40	47		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/SUD Tx Need	21.8%	25.4%	26.1%	26.6%	28.2%	24.5%	28.6%		27.7%	29.2%	30.1%	30.8%	32.0%	29.8%	30.8%	
Persons w/SUD Tx Need	123	158	160	177	174	110	128		20,527	22,085	23,588	25,164	24,481	16,906	17,110	
Total persons	565	623	614	665	616	449	448		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/SUD Tx Need	22.6%	20.3%	19.4%	21.2%	29.8%	18.7%	22.5%		31%	32%	32%	32%	32%	30%	30%	
Persons w/SUD Tx Need	28	31	32	39	54	25	32		11,918	12,864	13,735	14,653	14,057	9,923	10,076	
Total persons	124	153	165	184	181	134	142		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/SUD Tx Need	18.9%	18.3%	18.1%	20.9%	24.0%	20.6%	26.2%		24.4%	25.7%	26.6%	27.2%	28.4%	28.1%	29.5%	
Persons w/SUD Tx Need	74	80	80	99	106	66	84		14,101	15,233	16,342	17,286	16,918	12,802	13,119	
Total persons	392	436	443	474	442	320	321		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/SUD Tx Need	25.2%	30.6%	31.6%	29.5%	32.6%	24.2%	27.1%		32.6%	34.0%	34.3%	34.6%	35.1%	30.8%	31.1%	
Persons w/SUD Tx Need	78	110	112	117	123	69	78		18,431	19,841	21,162	22,717	21,790	14,151	14,201	
Total persons	309	359	354	396	377	285	288		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

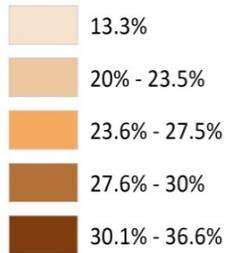
MARCH 2017

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.

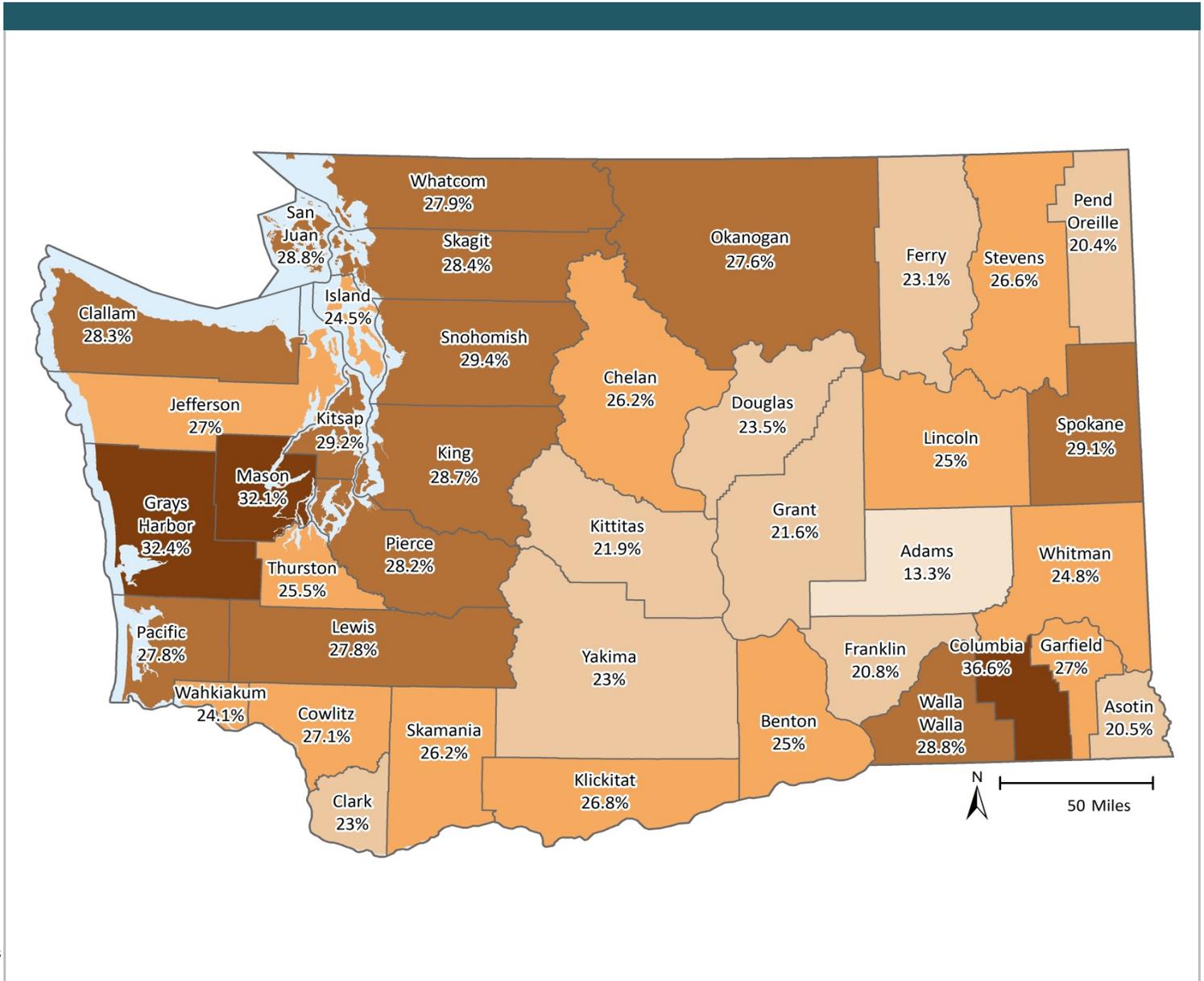
Percent of Medicaid-Disabled Youth and Adults with Substance Use Disorder Tx Need



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.





Island 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*

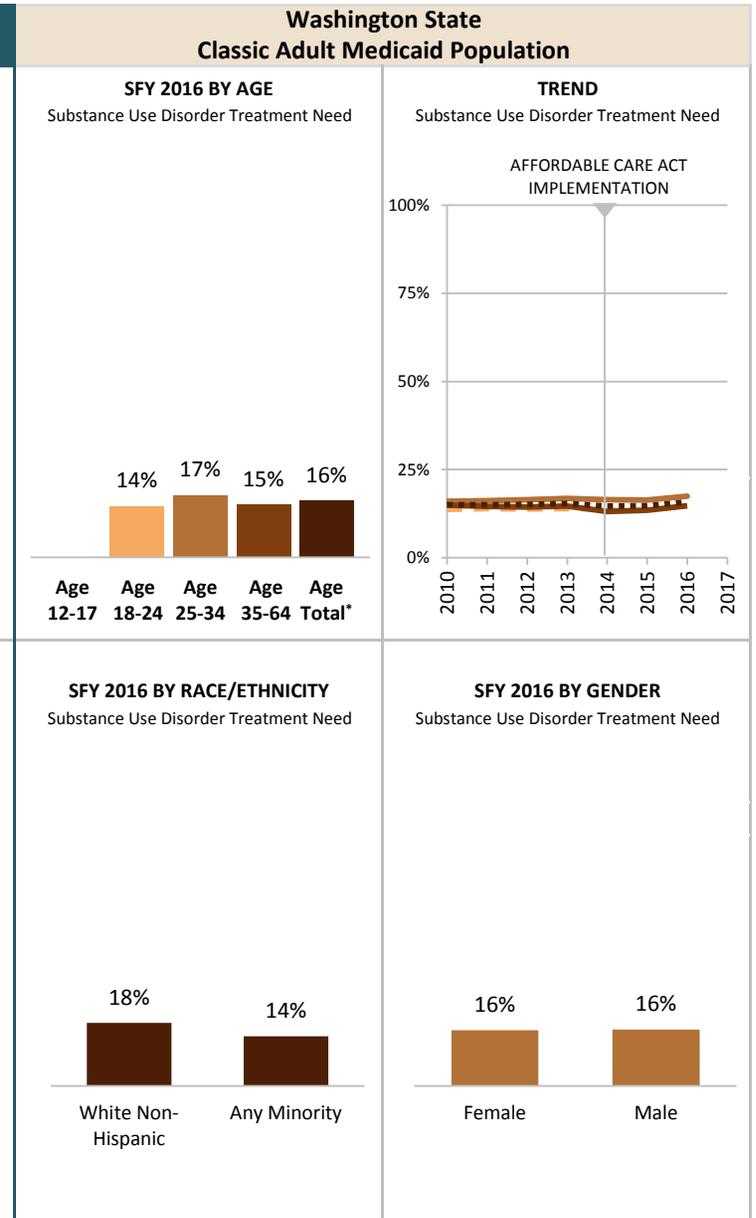
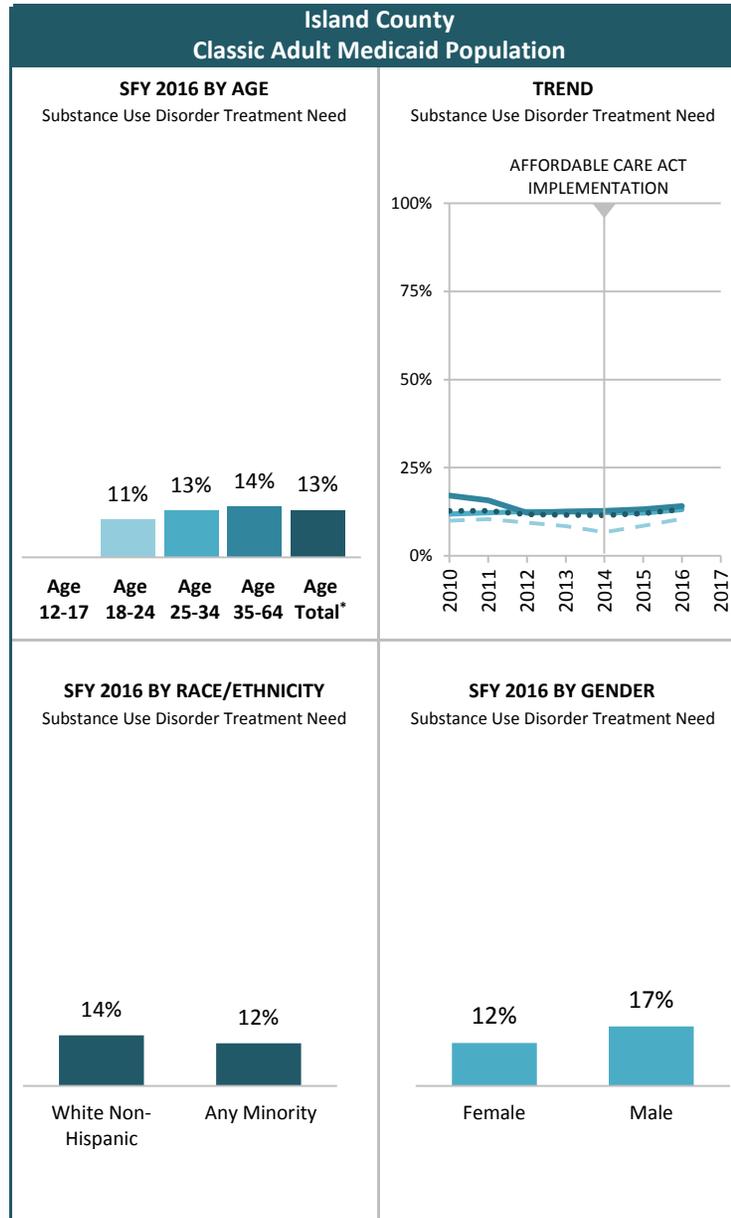
STATE:

- 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	Island County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need	10.0%	10.5%	9.4%	8.5%	6.7%	8.5%	10.5%		13.5%	13.7%	13.5%	13.7%	13.6%	13.6%	14.3%	
Persons w/SUD Tx Need	33	34	28	25	16	18	21		7,255	7,270	6,809	6,406	5,740	4,723	4,276	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/SUD Tx Need	11.8%	12.2%	12.6%	12.5%	12.3%	12.1%	13.2%		16.0%	16.2%	16.5%	16.8%	16.5%	16.3%	17.5%	
Persons w/SUD Tx Need	60	70	77	73	75	82	84		12,715	13,723	14,035	14,300	14,820	14,935	15,275	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/SUD Tx Need	17.1%	15.7%	12.2%	12.6%	12.8%	13.2%	14.1%		14.9%	14.6%	14.4%	14.7%	13.1%	13.5%	14.7%	
Persons w/SUD Tx Need	57	56	44	51	70	79	85		8,073	8,493	8,614	8,876	10,132	11,718	12,599	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/SUD Tx Need	12.8%	12.8%	11.7%	11.6%	11.5%	12.1%	13.2%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx need	150	160	149	149	161	179	190		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	20.8%		19.7%			20.0%	21.8%		30.9%	30.6%	31.1%	31.3%	30.8%	30.9%	32.6%	
Persons w/SUD Tx Need	11		13			12	12		4,866	4,917	4,931	4,868	4,776	4,558	4,490	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/SUD Tx Need									10.4%	10.1%	9.7%	10.0%	8.8%	8.1%	8.8%	
Persons w/SUD Tx Need									926	997	1,005	1,042	1,135	1,123	1,170	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/SUD Tx Need	14.8%		13.8%	16.0%	15.5%	13.4%	15.6%		15.1%	14.9%	14.6%	14.4%	14.5%	14.6%	15.6%	
Persons w/SUD Tx Need	12		13	16	16	13	14		3,085	3,282	3,257	3,241	3,382	3,309	3,320	
Total persons	81	87	94	100	103	97	90		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Hawaiian/PI w/SUD Tx Need									10.4%	10.6%	10.4%	10.3%	9.7%	9.5%	10.0%	
Persons w/SUD Tx Need									689	762	800	822	899	958	967	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/SUD Tx Need				10.4%	8.1%	9.0%	11.3%		11.8%	11.7%	11.5%	11.7%	10.4%	10.0%	10.9%	
Persons w/SUD Tx Need				14	13	16	20		3,301	3,541	3,580	3,648	3,814	3,871	4,026	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/SUD Tx Need	13.9%	13.9%	12.7%	11.4%	12.3%	13.1%	14.3%		15.3%	15.6%	15.8%	16.3%	15.9%	16.5%	17.9%	
Persons w/SUD Tx Need	115	124	111	101	116	133	139		16,743	17,696	17,638	17,801	18,587	19,364	19,911	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/SUD Tx Need	11.9%	11.4%	10.2%	13.1%	10.6%	10.2%	12.0%		16%	15%	15%	15%	14%	13%	14%	
Persons w/SUD Tx Need	33	34	34	46	43	43	50		11,154	11,650	11,690	11,663	11,975	11,853	12,006	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/SUD Tx Need	11.4%	11.8%	10.9%	10.3%	10.8%	11.6%	12.2%		13.8%	13.9%	14.2%	14.6%	14.3%	14.6%	15.8%	
Persons w/SUD Tx Need	107	117	108	103	114	135	140		19,959	21,011	21,389	21,744	22,974	24,185	25,160	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/SUD Tx Need	18.3%	16.5%	14.5%	16.3%	14.0%	13.8%	16.9%		19.2%	18.6%	18.0%	18.1%	15.9%	15.1%	16.0%	
Persons w/SUD Tx Need	43	43	41	46	47	44	50		8,084	8,475	8,069	7,838	7,718	7,191	6,990	
Total persons	235	260	282	283	336	319	296		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

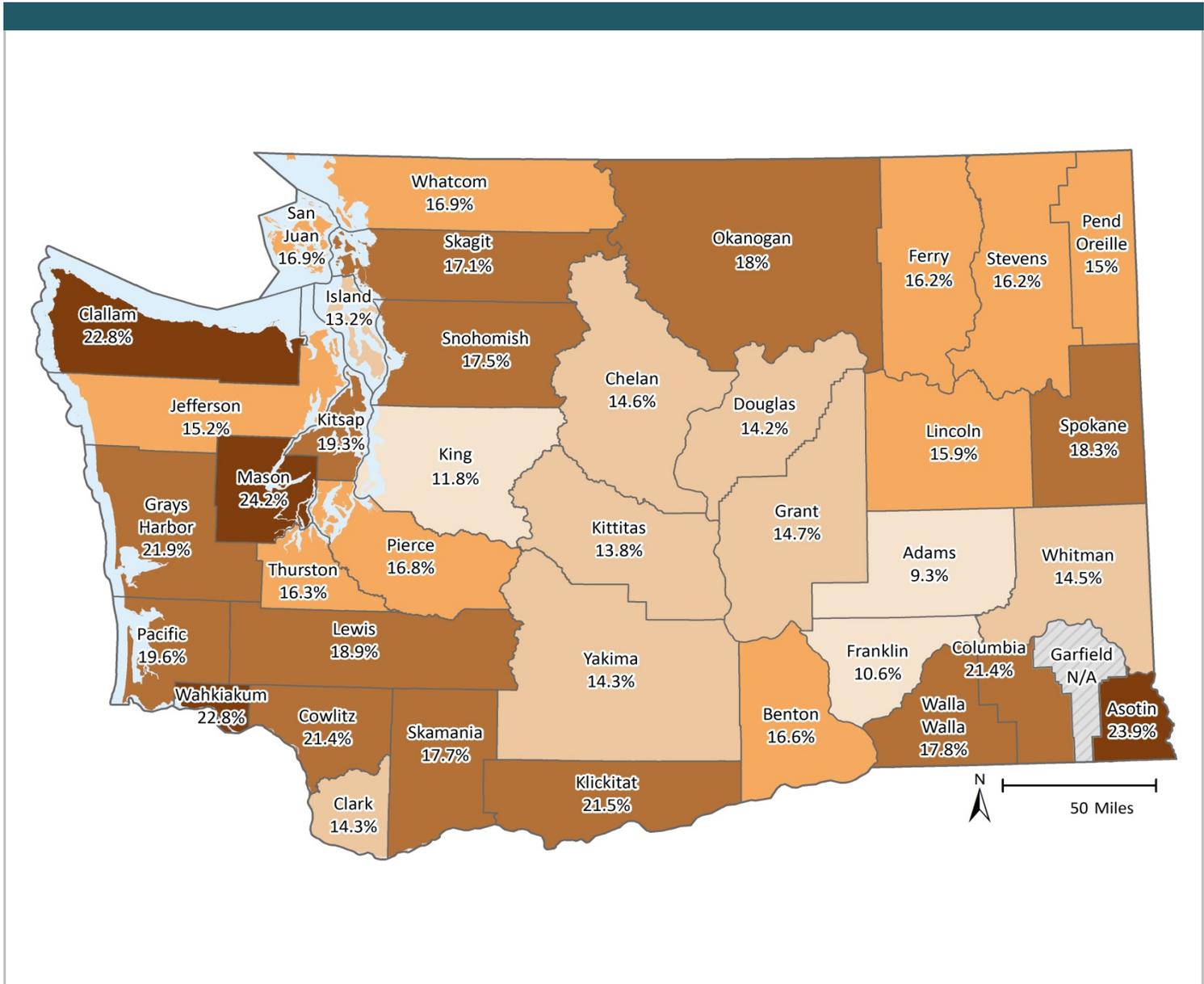
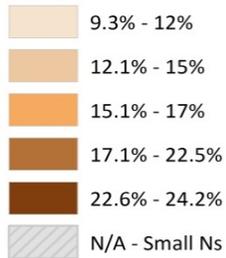
MARCH 2017

SFY 2016

INDICATOR

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

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



SOURCE & POPULATION

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

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

Substance Use Disorder Treatment Need

INDICATOR

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

COUNTY:

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

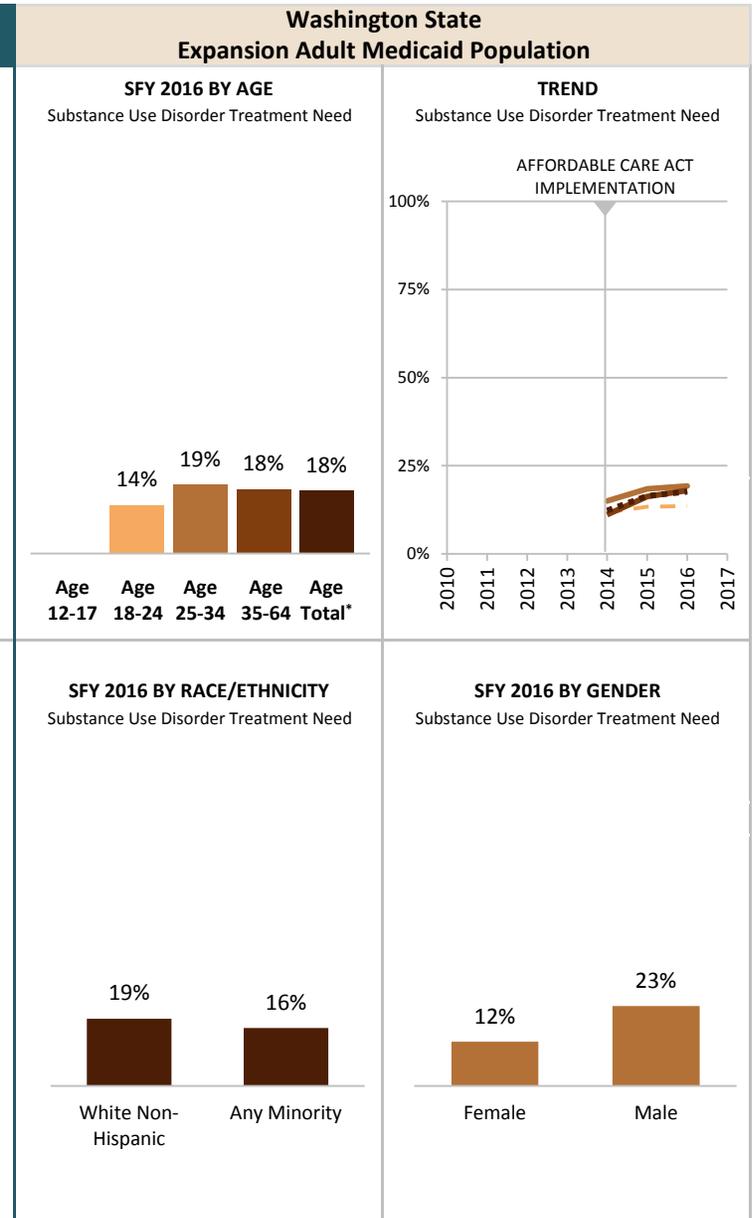
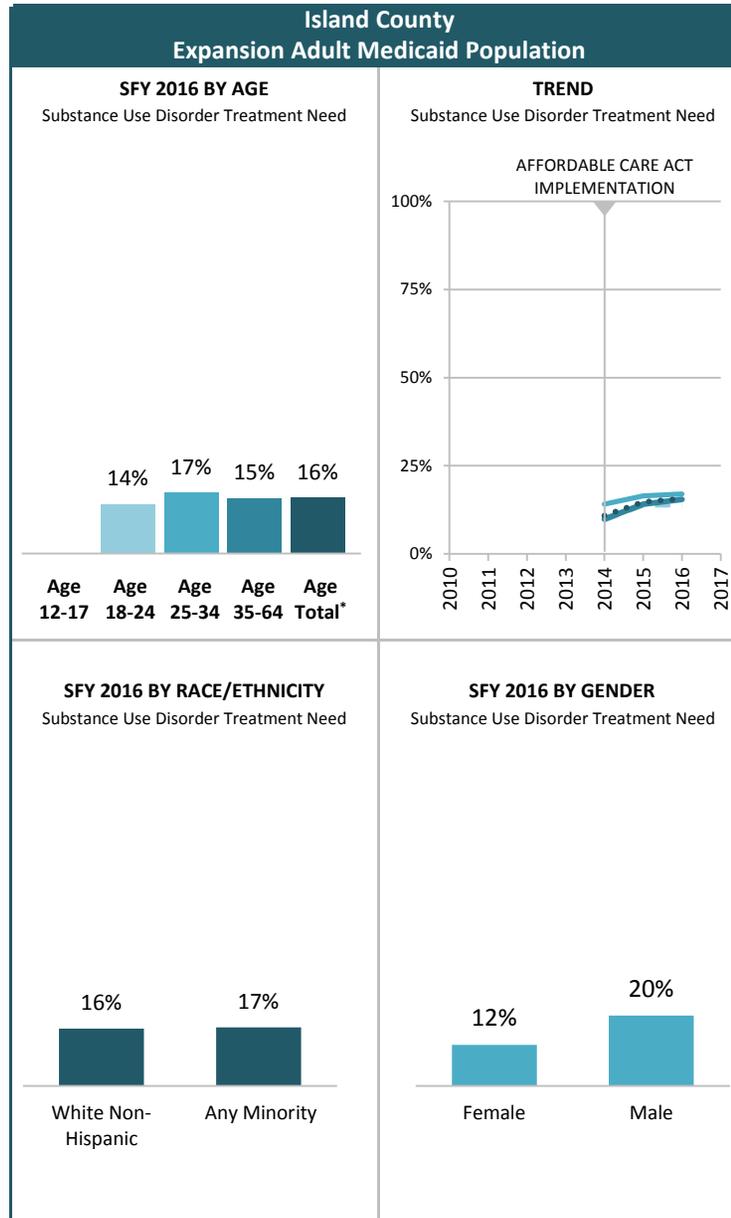
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Island County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need					9.4%	13.7%	13.8%						11.8%	13.4%	13.6%	
Persons w/SUD Tx Need					40	99	116						7,068	13,885	16,235	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/SUD Tx Need					14.1%	16.5%	17.0%						15.1%	18.4%	19.3%	
Persons w/SUD Tx Need					97	209	258						15,416	32,675	39,531	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/SUD Tx Need					9.9%	14.1%	15.5%						11.1%	16.3%	18.0%	
Persons w/SUD Tx Need					159	359	443						22,012	51,726	62,116	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total¹ w/SUD Tx Need					10.9%	14.7%	15.6%						12.3%	16.4%	17.6%	
Persons w/SUD Tx need					296	667	817						44,496	98,286	117,882	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need					26.0%	27.0%	27.7%						31.8%	36.9%	37.4%	
Persons w/SUD Tx Need					19	38	43						5,334	11,217	13,193	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/SUD Tx Need						10.9%	12.9%						4.9%	7.1%	8.0%	
Persons w/SUD Tx Need						22	27						1,621	3,463	4,132	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/SUD Tx Need					18.3%	20.3%	20.0%						14.7%	19.5%	20.1%	
Persons w/SUD Tx Need					20	43	48						4,155	9,556	11,311	
Total persons					109	212	240						32,924	48,483	51,833	
Hawaiian/PI w/SUD Tx Need						10.5%	9.3%						8.7%	10.8%	11.4%	
Persons w/SUD Tx Need						21	21						991	2,209	2,678	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/SUD Tx Need						15.4%	16.4%						9.1%	12.4%	13.7%	
Persons w/SUD Tx Need						57	73						4,784	10,505	13,292	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/SUD Tx Need					11.6%	15.3%	16.3%						13.5%	17.9%	19.1%	
Persons w/SUD Tx Need					240	512	629						29,246	64,550	76,824	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/SUD Tx Need					10.7%	15.7%	16.6%						11%	15%	16%	
Persons w/SUD Tx Need					55	151	181						14,923	32,724	39,468	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/SUD Tx Need					6.4%	10.4%	11.7%						7.9%	11.2%	12.5%	
Persons w/SUD Tx Need					94	245	319						14,181	32,876	40,978	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/SUD Tx Need					16.0%	19.5%	20.0%						16.7%	21.4%	22.5%	
Persons w/SUD Tx Need					202	422	498						30,315	65,410	76,904	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

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

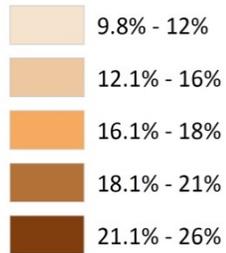
MARCH 2017

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.

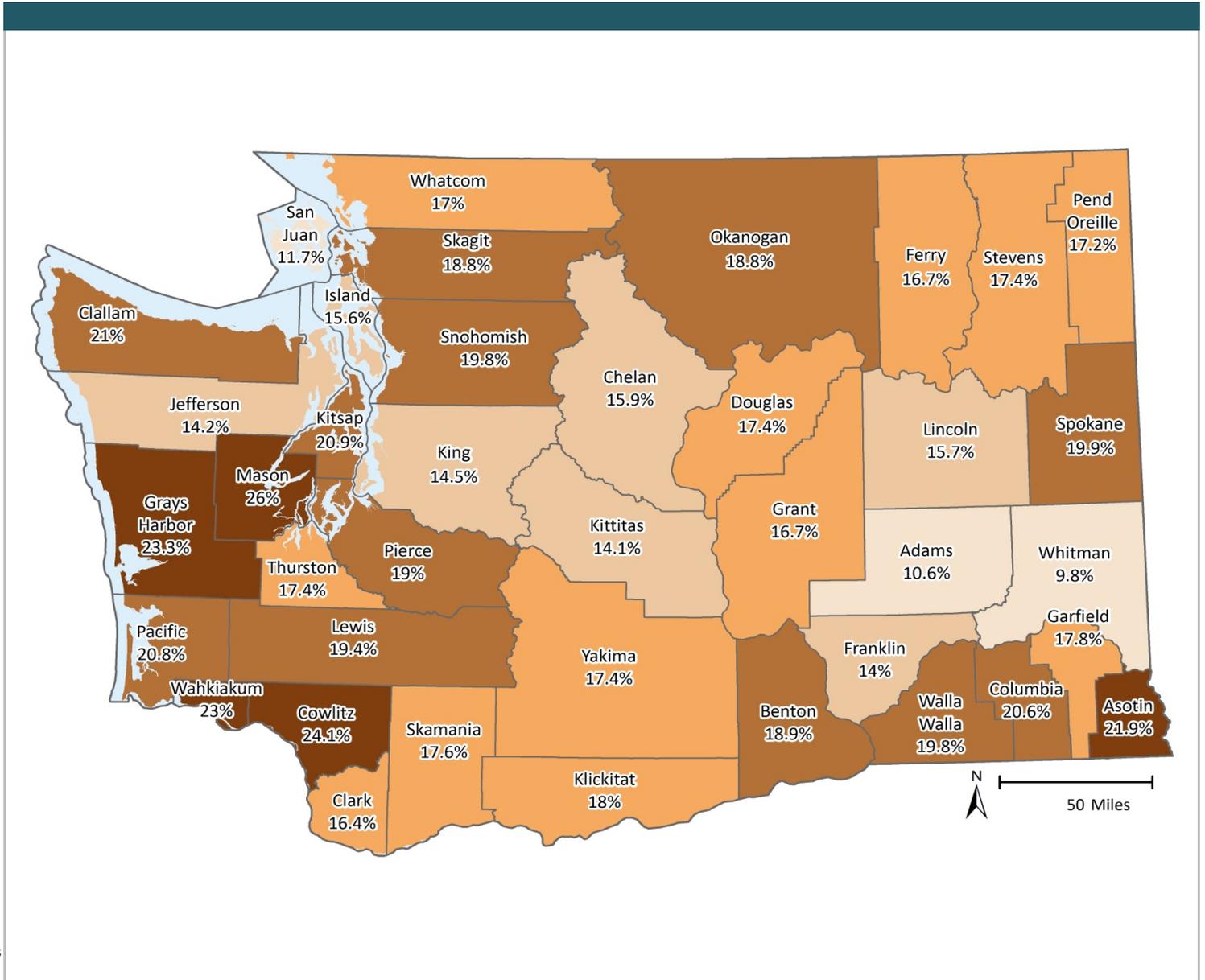
Percent of Medicaid-Expansion Adults with Substance Use Disorder Tx Need



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.





Island 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*

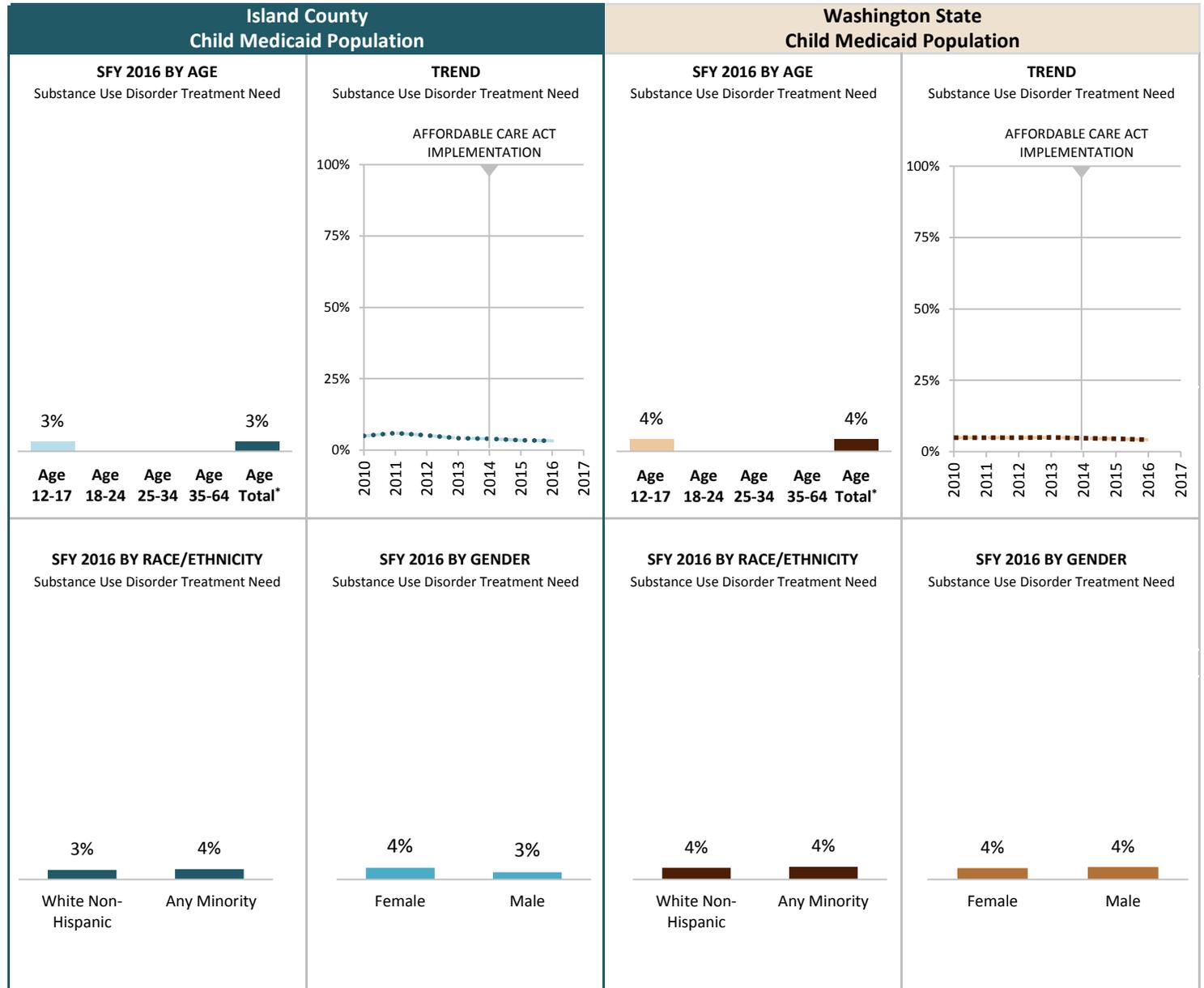
STATE:

- 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

STATE FISCAL YEAR	Island County Child Medicaid Population								Washington State Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need	5.0%	6.0%	5.2%	4.2%	4.0%	3.5%	3.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	47	60	53	44	49	44	44		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 25-34 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 35-64 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age Total¹ w/SUD Tx Need	5.0%	6.0%	5.2%	4.2%	4.0%	3.5%	3.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx need	47	60	53	44	49	44	44		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need									11.4%	11.0%	11.5%	11.7%	11.5%	11.1%	9.7%	
Persons w/SUD Tx Need									1,401	1,401	1,479	1,541	1,514	1,478	1,311	
Total persons	44	57	64	63	50	50	39		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/SUD Tx Need									3.3%	3.2%	3.2%	3.4%	3.0%	2.7%	2.5%	
Persons w/SUD Tx Need									373	384	405	435	435	423	394	
Total persons	61	53	58	57	61	62	63		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/SUD Tx Need									5.7%	5.7%	5.8%	6.1%	6.1%	6.2%	5.6%	
Persons w/SUD Tx Need									1,004	1,068	1,121	1,221	1,263	1,313	1,247	
Total persons	82	88	90	104	106	118	123		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Hawaiian/PI w/SUD Tx Need									3.6%	3.9%	3.9%	4.0%	4.0%	3.8%	3.2%	
Persons w/SUD Tx Need									236	284	306	324	345	346	310	
Total persons	73	62	69	65	72	80	77		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/SUD Tx Need			7.3%						4.6%	5.1%	5.1%	5.2%	4.9%	4.7%	4.2%	
Persons w/SUD Tx Need			11						2,043	2,417	2,578	2,798	2,870	2,949	2,858	
Total persons	128	156	150	147	181	192	191		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/SUD Tx Need	4.6%	5.2%	4.3%	4.1%	4.4%	3.9%	3.3%		4.8%	4.7%	4.7%	4.7%	4.4%	4.4%	4.1%	
Persons w/SUD Tx Need	27	33	27	27	35	31	28		3,669	3,793	3,839	3,849	3,874	3,968	3,809	
Total persons	587	640	628	651	794	794	851		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/SUD Tx Need	6.5%	8.2%	7.6%	4.8%	3.6%	3.1%	3.6%		5%	5%	5%	6%	5%	5%	4%	
Persons w/SUD Tx Need	20	27	26	17	14	13	15		4,275	4,719	5,000	5,338	5,426	5,501	5,187	
Total persons	308	330	344	355	390	421	417		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/SUD Tx Need	4.3%	5.5%	4.8%	3.6%	2.5%	2.7%	4.0%		4.2%	4.1%	4.2%	4.2%	4.2%	4.2%	4.0%	
Persons w/SUD Tx Need	21	28	24	18	15	17	27		3,387	3,565	3,701	3,860	4,110	4,320	4,308	
Total persons	487	505	500	507	609	633	669		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/SUD Tx Need	5.7%	6.4%	5.6%	4.8%	5.5%	4.2%	2.5%		5.6%	5.7%	5.7%	5.8%	5.2%	5.0%	4.3%	
Persons w/SUD Tx Need	26	32	29	26	34	27	17		4,576	4,971	5,166	5,358	5,220	5,190	4,760	
Total persons	453	500	516	539	621	642	676		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Substance Use Disorder Treatment Need Rates

Among Medicaid-Children, by County

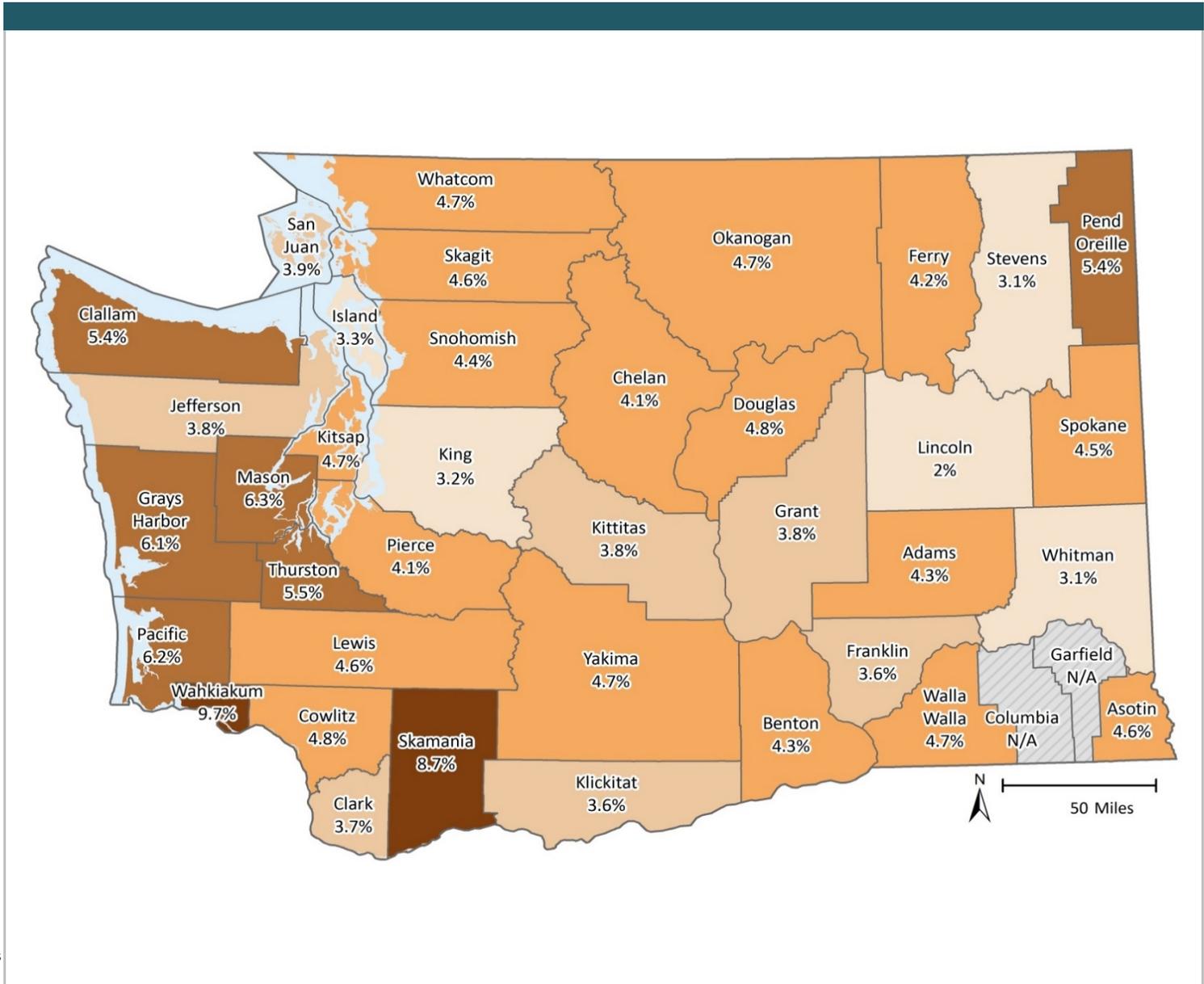
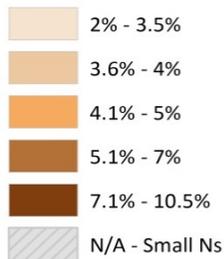
MARCH 2017

SFY 2016

INDICATOR

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

Percent of Medicaid Children with Substance Use Disorder Tx Need



SOURCE & POPULATION

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

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

Co-Occurring Disorder Treatment Need

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

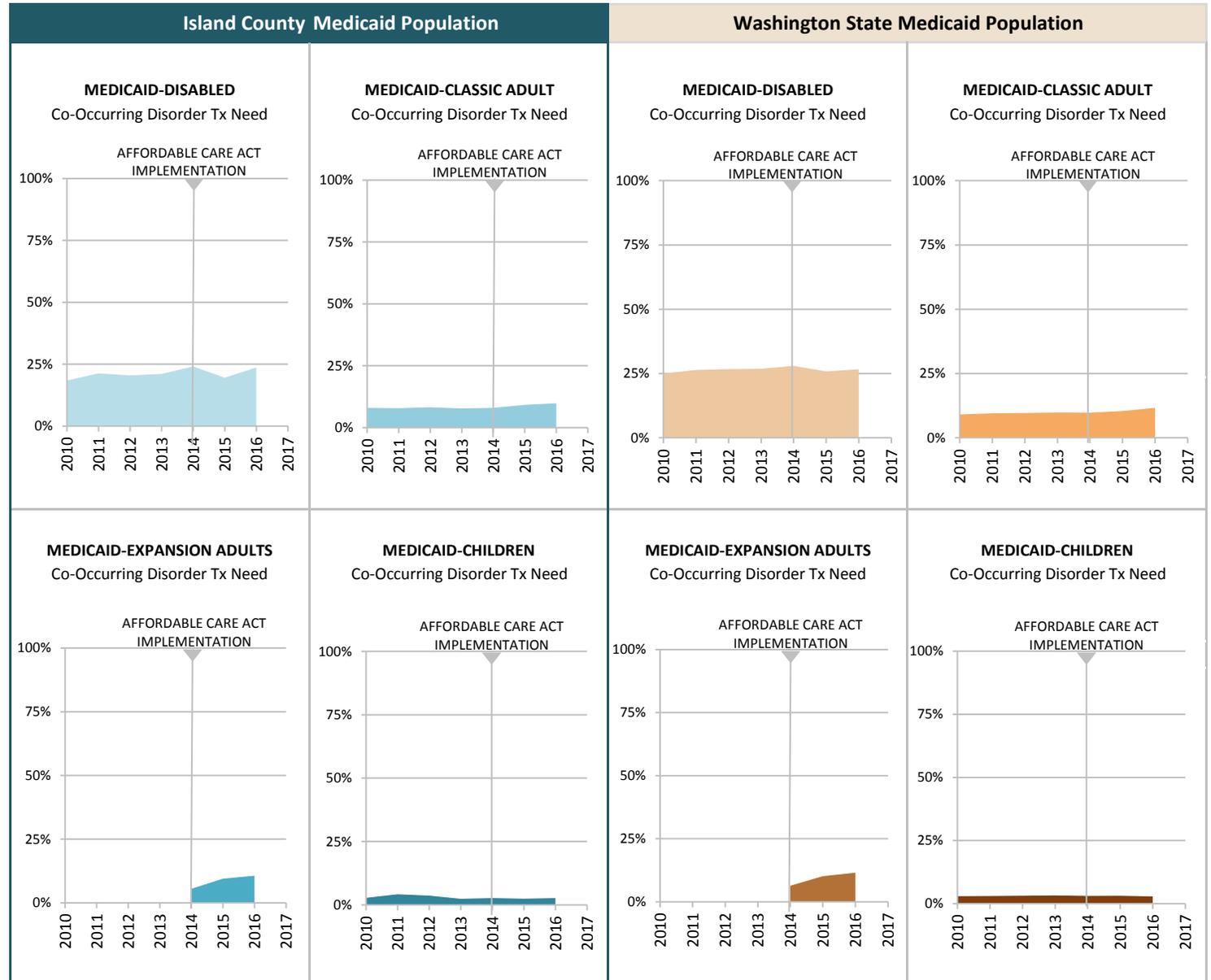
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

STATE FISCAL YEAR by Medicaid Sub-Population	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	18.4%	21.3%	20.5%	21.0%	24.1%	19.5%	23.6%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	129	169	163	183	197	118	144		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	7.9%	7.8%	8.2%	7.7%	8.0%	9.2%	9.8%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	93	98	104	99	111	136	141		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					5.5%	9.5%	10.6%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					150	430	556						22,875	60,617	77,053	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	2.8%	4.2%	3.6%	2.4%	2.7%	2.4%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	26	42	37	25	33	31	36		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	

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

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

Co-Occurring Disorder Treatment Need

INDICATOR

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

COUNTY:

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

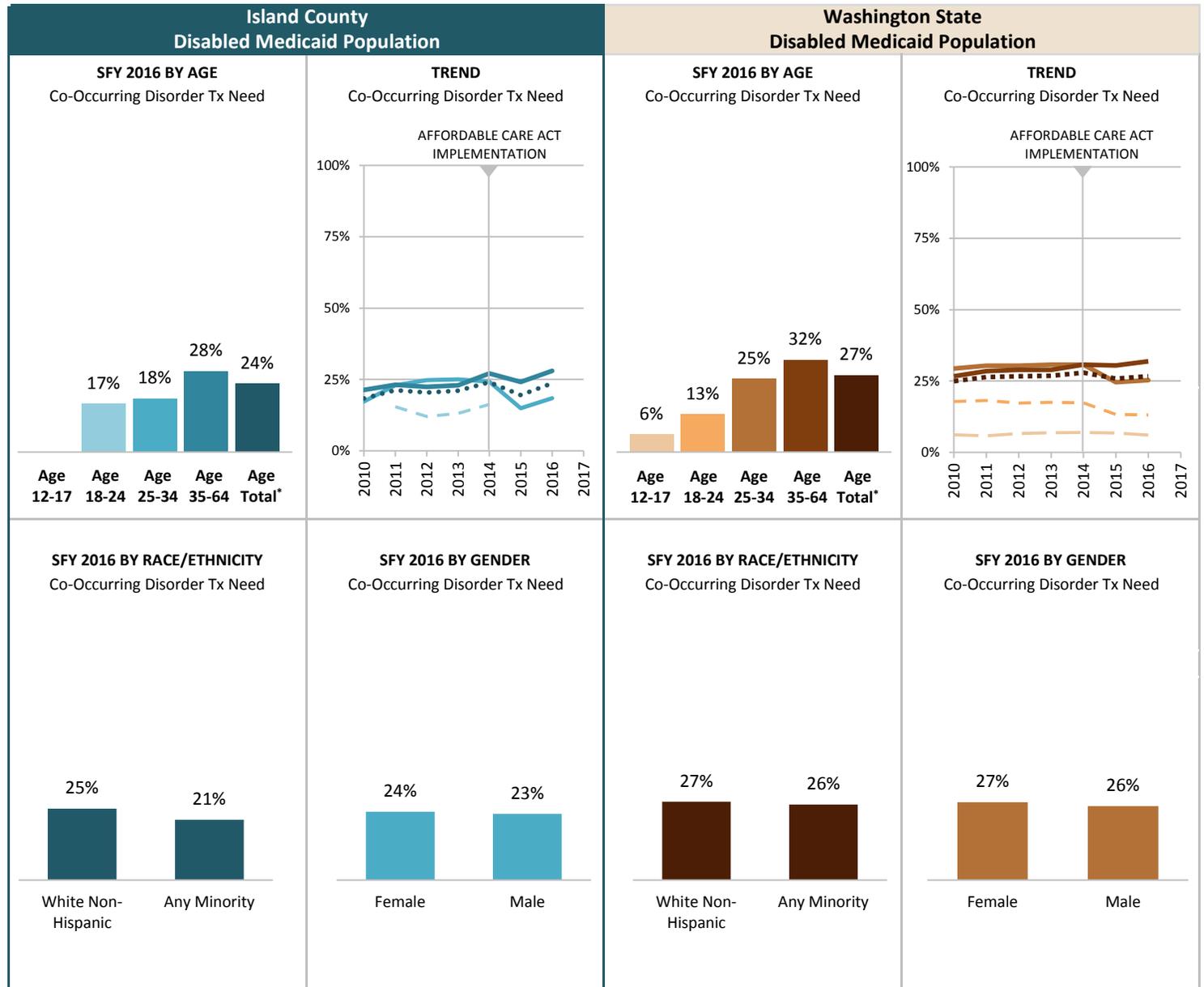
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

STATE FISCAL YEAR	Island County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need									6.1%	5.9%	6.6%	6.9%	7.0%	6.8%	6.1%	
Persons w/COD Tx Need									390	385	460	505	513	507	478	
Total persons	32	37	40	34	41	39	42		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/COD Tx Need		15.5%	12.1%	13.2%	16.3%		16.7%		17.8%	18.2%	17.3%	17.6%	17.3%	13.3%	13.1%	
Persons w/COD Tx Need		15	11	15	15		12		2,214	2,277	2,171	2,238	2,058	1,300	1,264	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/COD Tx Need	17.3%	23.0%	24.8%	25.0%	24.2%	14.9%	18.5%		29.4%	30.4%	30.4%	30.7%	30.7%	24.6%	25.3%	
Persons w/COD Tx Need	19	28	30	29	32	14	17		4,982	5,310	5,580	5,947	5,655	3,350	3,448	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/COD Tx Need	21.4%	23.2%	22.4%	22.9%	27.1%	24.1%	28.0%		26.7%	28.5%	28.9%	29.0%	30.7%	30.4%	31.9%	
Persons w/COD Tx Need	100	125	122	139	150	96	113		21,007	23,107	24,697	25,988	25,777	18,480	18,855	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/COD Tx Need	18.4%	21.3%	20.5%	21.0%	24.1%	19.5%	23.6%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	129	169	163	183	197	118	144		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need			21.6%	27.5%	41.1%		33.3%		36.3%	38.3%	38.0%	37.9%	38.9%	37.2%	37.5%	
Persons w/COD Tx Need			11	14	23		11		4,242	4,591	4,723	4,900	4,771	3,536	3,478	
Total persons	38	45	51	51	56	33	33		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/COD Tx Need									12.8%	14.2%	14.8%	15.5%	15.8%	13.8%	14.8%	
Persons w/COD Tx Need									739	836	891	981	936	634	660	
Total persons	22	20	26	30	33	27	26		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/COD Tx Need					30.0%				30.5%	31.9%	32.0%	31.8%	32.0%	29.2%	29.4%	
Persons w/COD Tx Need					15				4,283	4,694	5,046	5,297	5,143	3,609	3,627	
Total persons	29	35	45	57	50	36	39		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/COD Tx Need									18.6%	20.1%	20.6%	20.8%	20.2%	16.4%	18.9%	
Persons w/COD Tx Need									431	504	541	588	556	344	397	
Total persons	17	19	20	22	23	19	18		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/COD Tx Need									19.8%	21.3%	21.3%	20.9%	21.8%	18.7%	20.3%	
Persons w/COD Tx Need									1,783	2,071	2,272	2,404	2,404	1,630	1,805	
Total persons	33	43	40	48	42	40	47		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/COD Tx Need	19.1%	22.5%	22.3%	22.9%	24.0%	21.2%	25.0%		24.7%	26.1%	26.5%	26.8%	28.2%	26.3%	27.3%	
Persons w/COD Tx Need	108	140	137	152	148	95	112		18,256	19,704	20,806	21,931	21,632	14,914	15,182	
Total persons	565	623	614	665	616	449	448		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/COD Tx Need	16.1%	18.3%	15.8%	16.8%	26.5%	17.2%	21.1%		26%	28%	28%	28%	28%	26%	26%	
Persons w/COD Tx Need	20	28	26	31	48	23	30		10,279	11,291	11,980	12,611	12,250	8,633	8,770	
Total persons	124	153	165	184	181	134	142		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/COD Tx Need	17.1%	17.7%	16.7%	18.6%	21.9%	19.1%	24.0%		22.8%	24.1%	24.9%	25.2%	26.6%	26.1%	27.3%	
Persons w/COD Tx Need	67	77	74	88	97	61	77		13,171	14,285	15,277	16,036	15,802	11,909	12,172	
Total persons	392	436	443	474	442	320	321		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/COD Tx Need	20.1%	25.6%	25.1%	24.0%	26.5%	20.0%	23.3%		27.2%	28.7%	28.5%	28.4%	29.3%	25.5%	26.0%	
Persons w/COD Tx Need	62	92	89	95	100	57	67		15,422	16,794	17,631	18,642	18,201	11,728	11,873	
Total persons	309	359	354	396	377	285	288		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

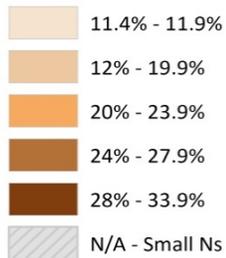
MARCH 2017

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.

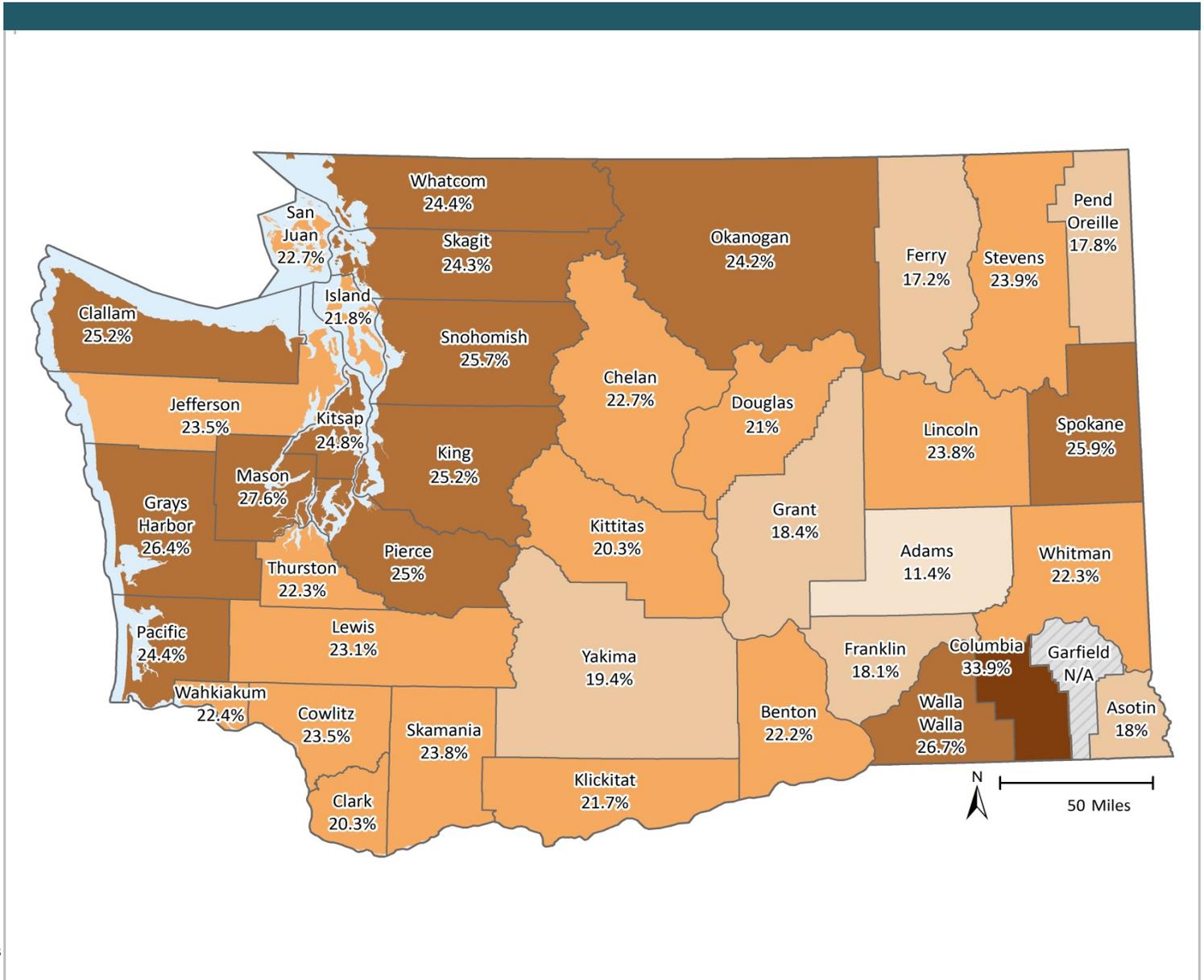
Percent of Medicaid-Disabled Youth and Adults with Co-Occurring Disorder Tx Need



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.





Island 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*

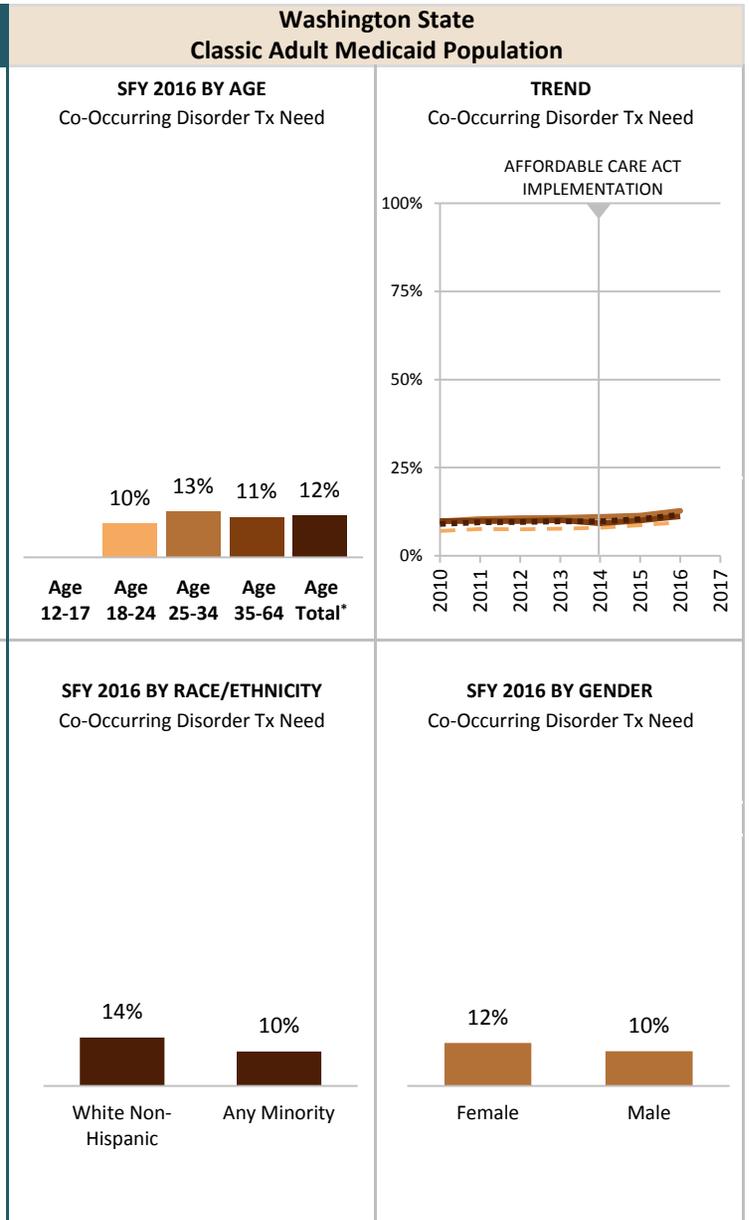
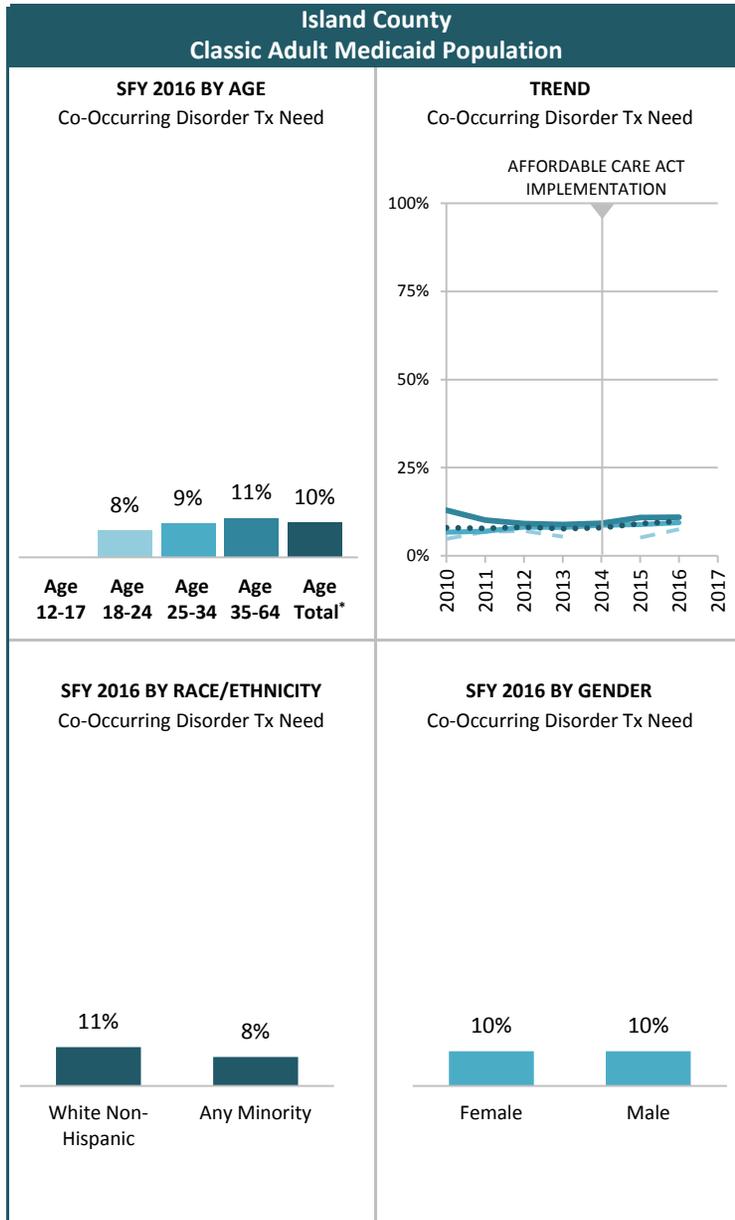
STATE:

- 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

	Island County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need	4.8%	6.8%	7.0%	5.4%		5.2%	7.5%		7.1%	7.6%	7.6%	7.7%	8.0%	8.7%	9.5%	
Persons w/COD Tx Need	16	22	21	16		11	15		3,819	4,061	3,809	3,608	3,369	3,024	2,845	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/COD Tx Need	6.7%	7.0%	8.2%	8.1%	8.7%	8.9%	9.4%		9.8%	10.5%	10.7%	10.8%	11.0%	11.4%	12.8%	
Persons w/COD Tx Need	34	40	50	47	53	60	60		7,809	8,882	9,110	9,168	9,911	10,421	11,148	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/COD Tx Need	12.9%	10.1%	9.1%	8.9%	9.3%	10.9%	11.0%		9.9%	9.9%	9.9%	10.1%	9.3%	10.0%	11.2%	
Persons w/COD Tx Need	43	36	33	36	51	65	66		5,362	5,775	5,944	6,118	7,153	8,706	9,617	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/COD Tx Need	7.9%	7.8%	8.2%	7.7%	8.0%	9.2%	9.8%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	93	98	104	99	111	136	141		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need			18.2%				21.8%		19.4%	19.9%	20.0%	19.8%	20.5%	21.6%	23.7%	
Persons w/COD Tx Need			12				12		3,046	3,190	3,174	3,080	3,182	3,180	3,259	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/COD Tx Need									5.6%	5.5%	5.5%	5.7%	5.5%	5.2%	5.7%	
Persons w/COD Tx Need									497	547	569	598	708	723	751	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/COD Tx Need									8.4%	8.8%	8.7%	8.6%	9.2%	10.0%	11.3%	
Persons w/COD Tx Need									1,720	1,947	1,953	1,928	2,134	2,260	2,394	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/COD Tx Need									5.4%	5.6%	5.7%	5.4%	5.7%	6.0%	6.4%	
Persons w/COD Tx Need									357	400	440	436	526	606	624	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/COD Tx Need					6.9%	6.7%	6.8%		6.1%	6.3%	6.4%	6.6%	6.1%	6.4%	7.3%	
Persons w/COD Tx Need					11	12	12		1,717	1,903	1,988	2,056	2,245	2,475	2,677	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/COD Tx Need	8.8%	8.7%	8.9%	8.3%	8.6%	10.4%	11.0%		9.8%	10.4%	10.6%	10.9%	11.1%	12.1%	13.7%	
Persons w/COD Tx Need	73	78	78	73	81	105	107		10,665	11,821	11,892	11,953	12,926	14,192	15,203	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/COD Tx Need	6.8%	6.7%	7.2%	7.4%	7.1%	6.9%	8.2%		9%	9%	9%	9%	9%	9%	10%	
Persons w/COD Tx Need	19	20	24	26	29	29	34		6,279	6,844	6,923	6,894	7,449	7,878	8,273	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/COD Tx Need	7.7%	8.1%	8.8%	7.7%	7.5%	9.4%	9.8%		9.3%	9.8%	10.0%	10.1%	10.3%	10.9%	12.2%	
Persons w/COD Tx Need	72	80	87	77	80	109	112		13,489	14,755	15,031	15,119	16,487	18,022	19,338	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/COD Tx Need	8.9%	6.9%	6.0%	7.8%	9.2%	8.5%	9.8%		8.3%	8.7%	8.5%	8.7%	8.1%	8.7%	9.8%	
Persons w/COD Tx Need	21	18	17	22	31	27	29		3,501	3,963	3,832	3,775	3,946	4,129	4,272	
Total persons	235	260	282	283	336	319	296		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

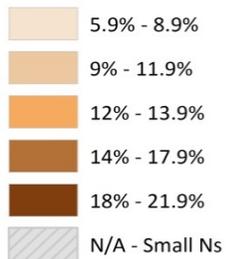
MARCH 2017

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.

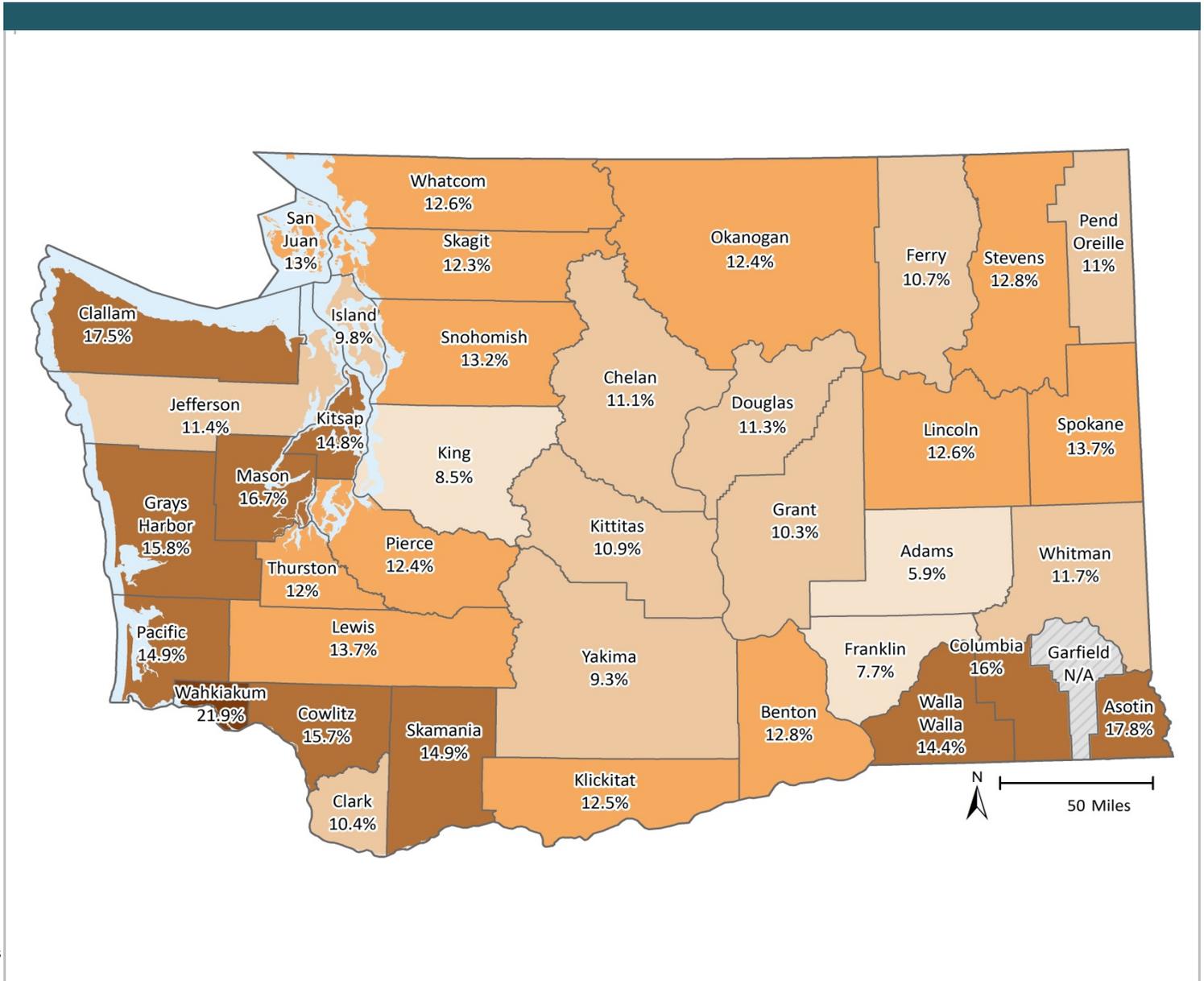
Percent of Medicaid-Classic Adults with Co-Occurring Disorder Tx Need



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.





Island County

Behavioral Health Treatment Needs and Outcomes

Co-Occurring Disorder Treatment Need

INDICATOR

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

COUNTY:

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

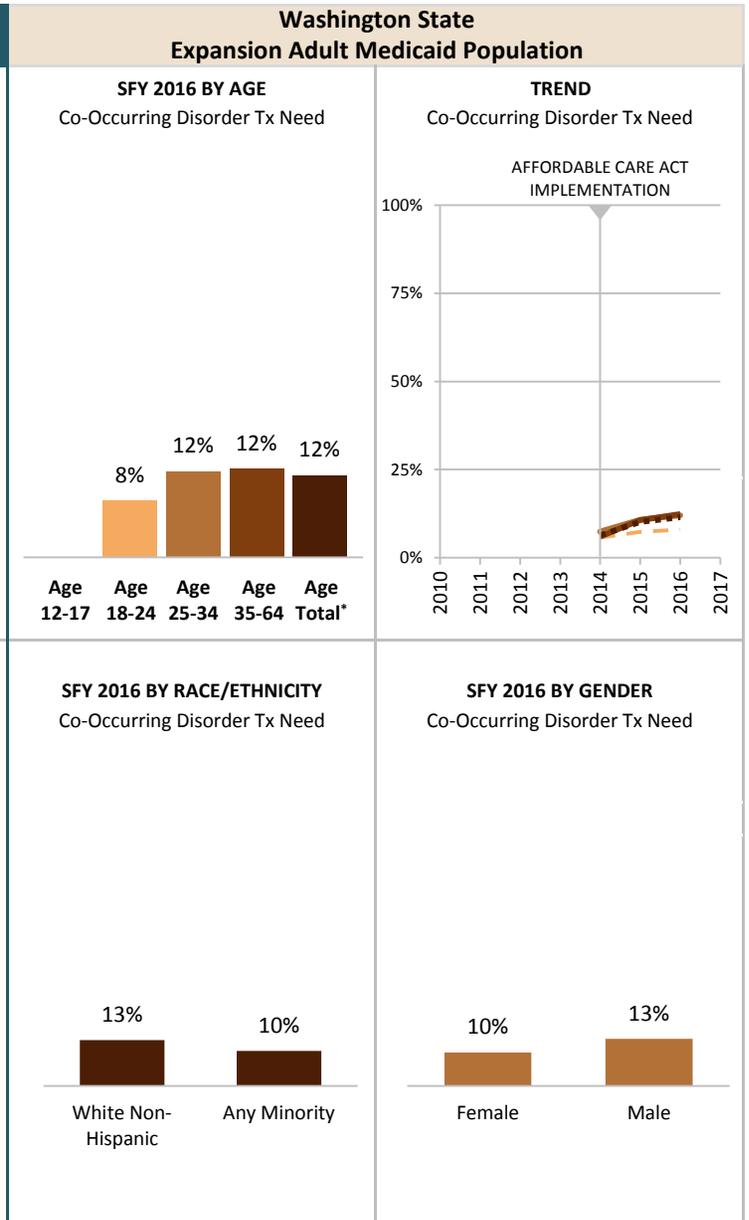
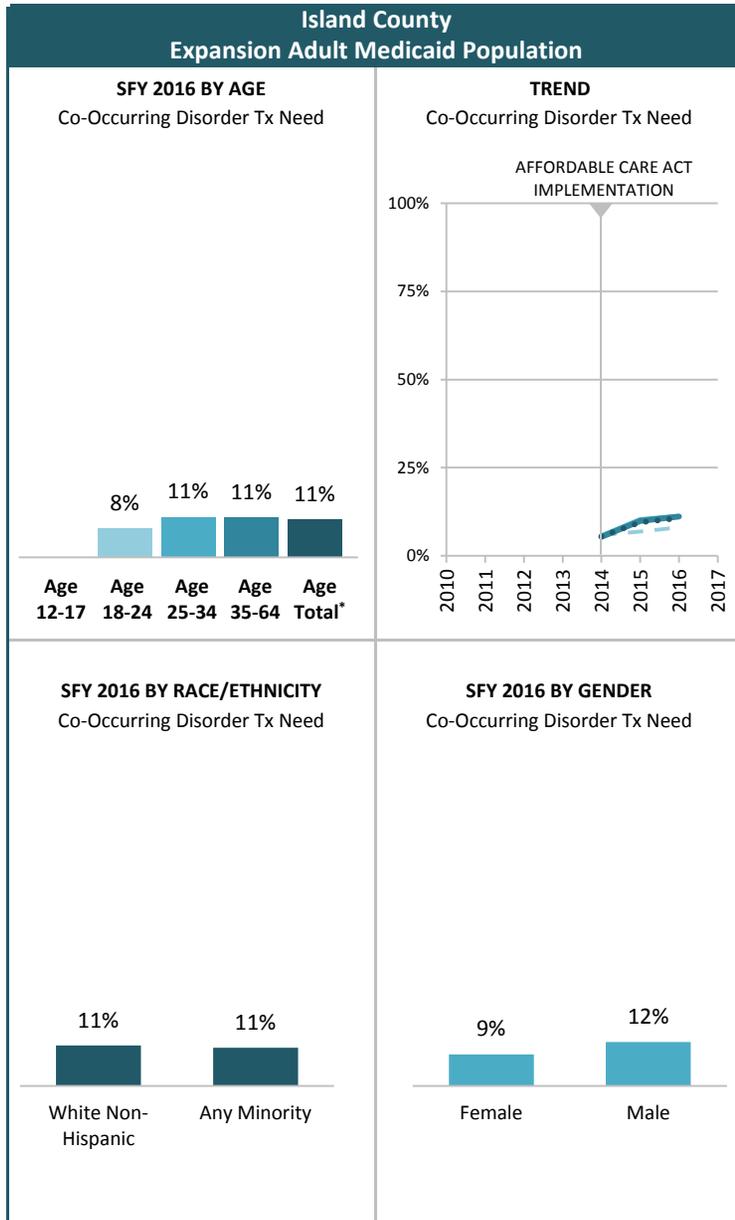
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

STATE FISCAL YEAR	Island County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need					5.9%	6.9%	8.1%						5.7%	7.3%	8.0%	
Persons w/COD Tx Need					25	50	68						3,422	7,567	9,554	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/COD Tx Need					5.7%	10.3%	11.2%						7.4%	10.7%	12.0%	
Persons w/COD Tx Need					39	130	170						7,580	19,047	24,663	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/COD Tx Need					5.3%	9.8%	11.1%						6.0%	10.7%	12.4%	
Persons w/COD Tx Need					86	250	318						11,873	34,003	42,836	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total¹ w/COD Tx Need					5.5%	9.5%	10.6%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					150	430	556						22,875	60,617	77,053	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need					15.1%	17.7%	17.4%						16.9%	22.8%	24.2%	
Persons w/COD Tx Need					11	25	27						2,837	6,944	8,532	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/COD Tx Need						6.0%	8.1%						2.1%	3.9%	4.7%	
Persons w/COD Tx Need						12	17						686	1,906	2,447	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/COD Tx Need						9.9%	13.3%						6.6%	11.1%	12.3%	
Persons w/COD Tx Need						21	32						1,871	5,441	6,882	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/COD Tx Need						6.5%	7.1%						3.8%	6.1%	6.6%	
Persons w/COD Tx Need						13	16						438	1,242	1,542	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/COD Tx Need						7.8%	9.7%						3.9%	6.6%	7.8%	
Persons w/COD Tx Need						29	43						2,026	5,607	7,547	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/COD Tx Need					6.2%	10.3%	11.3%						7.3%	11.5%	13.0%	
Persons w/COD Tx Need					127	344	438						15,832	41,441	52,380	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/COD Tx Need					4.5%	8.8%	10.7%						5%	9%	10%	
Persons w/COD Tx Need					23	85	117						6,910	18,670	23,786	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/COD Tx Need					4.0%	7.7%	9.0%						5.0%	8.3%	9.5%	
Persons w/COD Tx Need					59	181	245						8,998	24,262	31,259	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/COD Tx Need					7.2%	11.5%	12.5%						7.7%	11.9%	13.4%	
Persons w/COD Tx Need					91	249	311						13,877	36,355	45,794	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

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

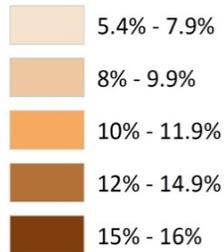
MARCH 2017

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.

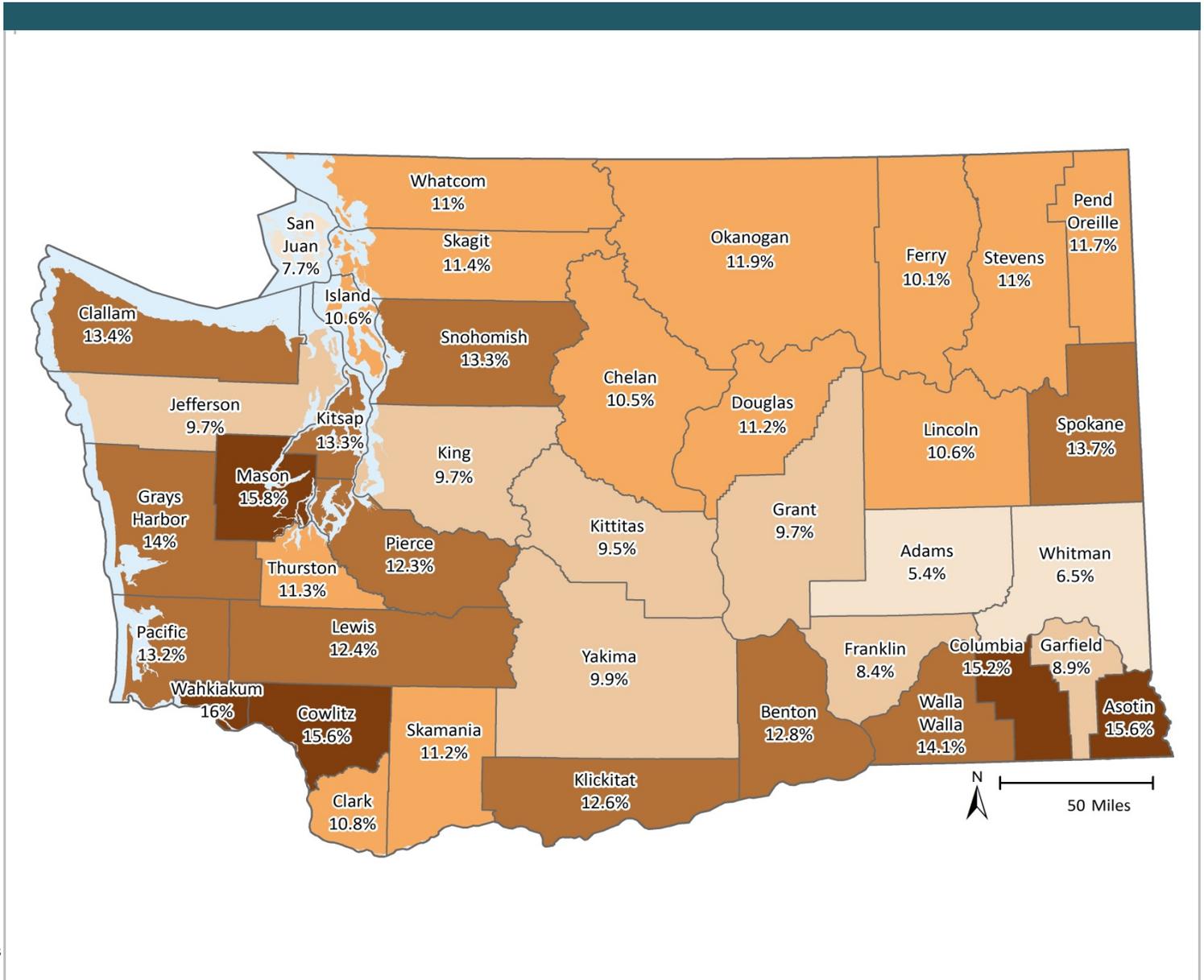
Percent of Medicaid-Expansion Adults with Co-Occurring Disorder Tx Need



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.





Island 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*

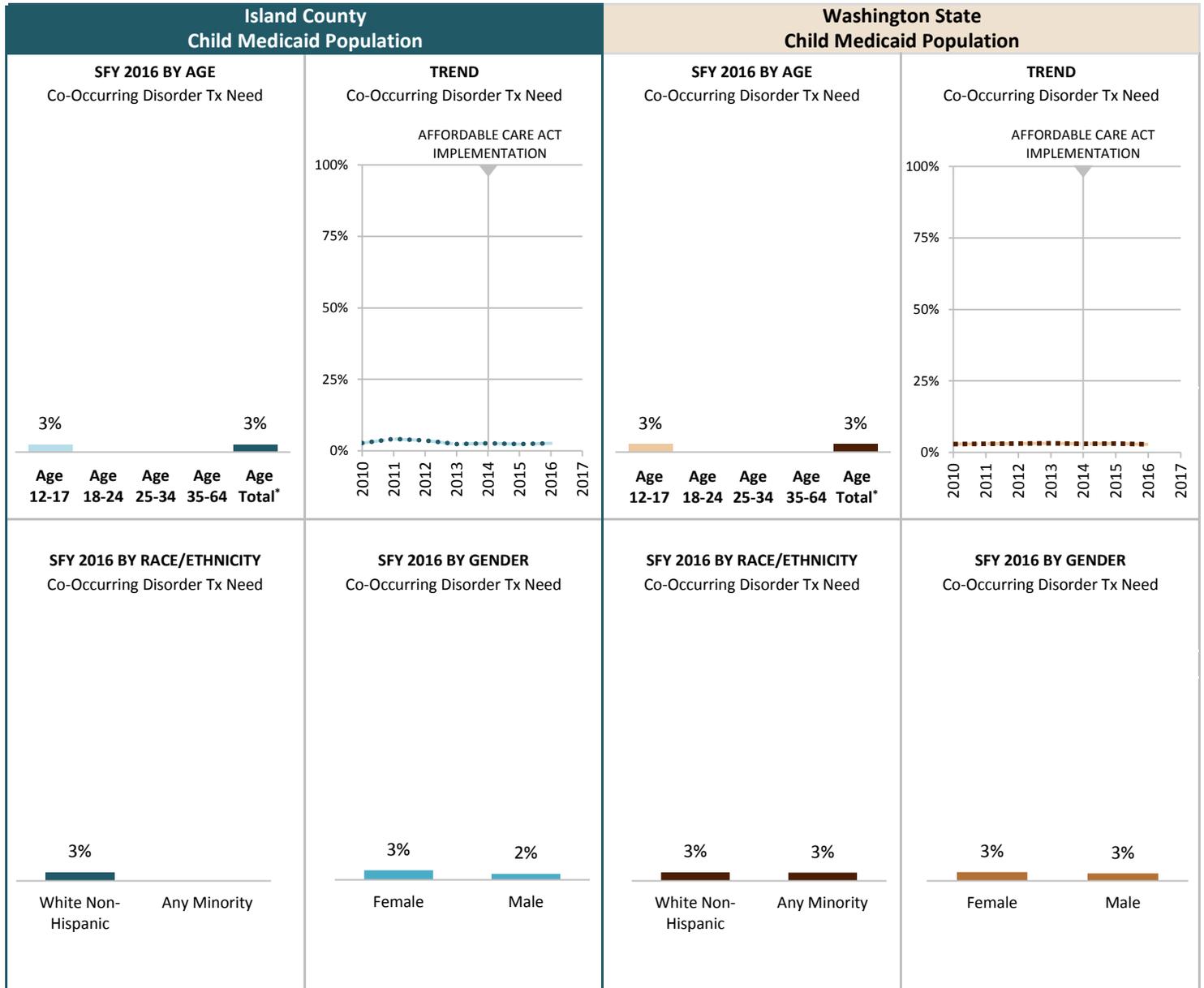
STATE:

- 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

	Island County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need	2.8%	4.2%	3.6%	2.4%	2.7%	2.4%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	26	42	37	25	33	31	36		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 25-34 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 35-64 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age Total¹ w/COD Tx Need	2.8%	4.2%	3.6%	2.4%	2.7%	2.4%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	26	42	37	25	33	31	36		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need									8.2%	8.1%	8.4%	8.7%	8.6%	8.5%	7.5%	
Persons w/COD Tx Need									1,006	1,030	1,085	1,139	1,131	1,131	1,011	
Total persons	44	57	64	63	50	50	39		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/COD Tx Need									1.9%	1.8%	1.9%	2.1%	1.9%	1.9%	1.7%	
Persons w/COD Tx Need									216	221	240	276	283	287	271	
Total persons	61	53	58	57	61	62	63		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/COD Tx Need									3.4%	3.4%	3.7%	3.9%	4.0%	4.2%	3.8%	
Persons w/COD Tx Need									607	642	712	781	826	897	837	
Total persons	82	88	90	104	106	118	123		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/COD Tx Need									2.2%	2.2%	2.1%	2.5%	2.5%	2.6%	2.2%	
Persons w/COD Tx Need									143	162	162	198	215	237	220	
Total persons	73	62	69	65	72	80	77		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/COD Tx Need									2.3%	2.5%	2.7%	2.8%	2.6%	2.6%	2.5%	
Persons w/COD Tx Need									1,003	1,207	1,349	1,512	1,537	1,652	1,702	
Total persons	128	156	150	147	181	192	191		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/COD Tx Need	2.2%	3.6%	3.0%	2.0%	2.8%	2.5%	2.9%		3.1%	3.1%	3.2%	3.3%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	13	23	19	13	22	20	25		2,320	2,489	2,611	2,698	2,760	2,935	2,824	
Total persons	587	640	628	651	794	794	851		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/COD Tx Need	4.2%	5.8%	5.2%	3.4%	2.8%	2.6%			3%	3%	3%	3%	3%	3%	3%	
Persons w/COD Tx Need	13	19	18	12	11	11			2,437	2,702	2,946	3,219	3,267	3,473	3,349	
Total persons	308	330	344	355	390	421	417		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/COD Tx Need	2.7%	4.2%	3.4%	2.4%	2.0%	2.2%	3.3%		2.9%	2.9%	3.0%	3.1%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	13	21	17	12	12	14	22		2,322	2,461	2,631	2,825	3,022	3,373	3,299	
Total persons	487	505	500	507	609	633	669		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/COD Tx Need	2.9%	4.2%	3.9%	2.4%	3.4%	2.6%	2.1%		3.0%	3.1%	3.3%	3.3%	3.0%	2.9%	2.6%	
Persons w/COD Tx Need	13	21	20	13	21	17	14		2,444	2,737	2,933	3,101	3,017	3,049	2,901	
Total persons	453	500	516	539	621	642	676		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

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

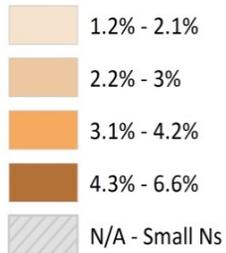
MARCH 2017

SFY 2016

INDICATOR

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

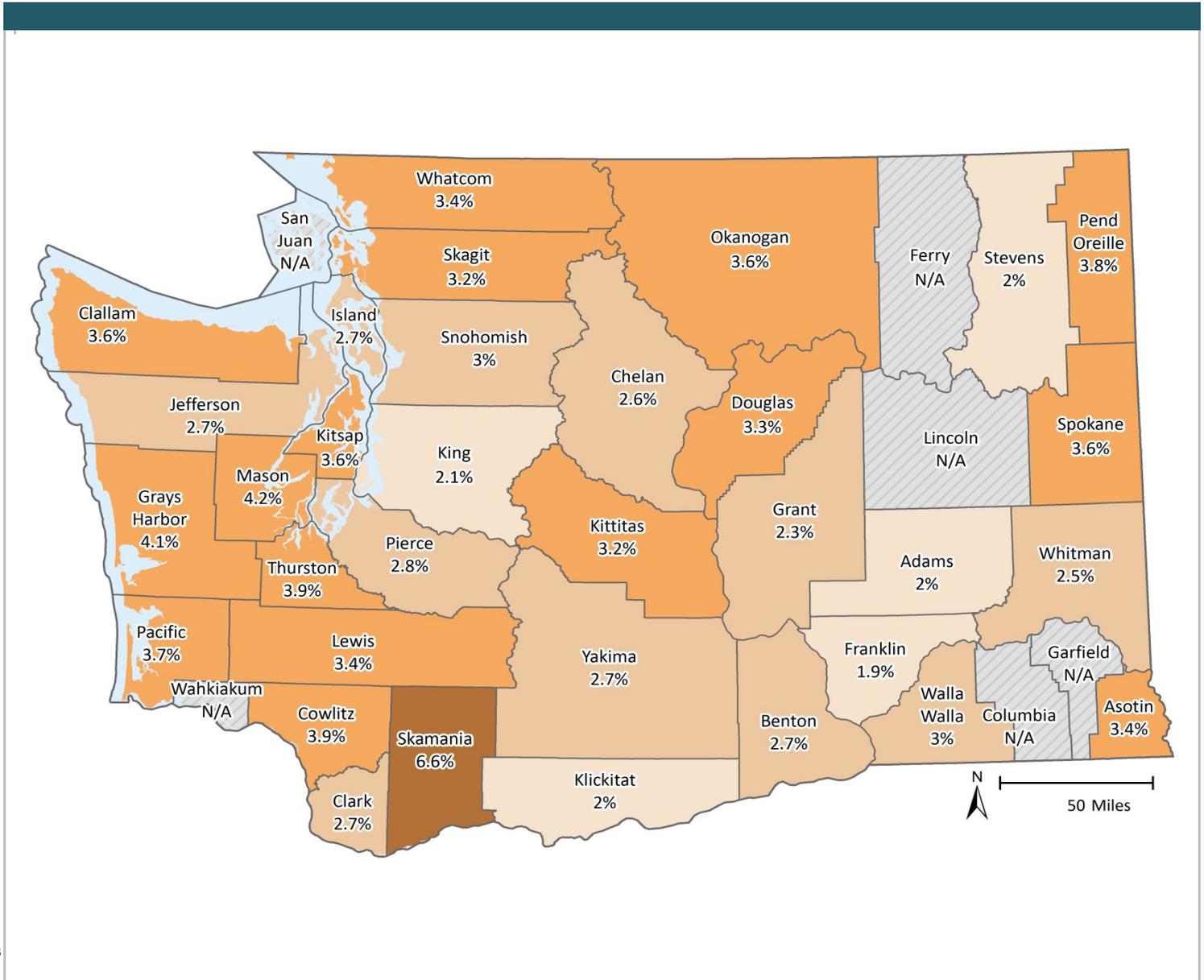
Percent of Medicaid-Children with Co-Occurring Disorder Tx Need



SOURCE & POPULATION

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

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



Criminal Justice Involvement

INDICATOR

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

COUNTY MEDICAID:

- Disabled
- Classic Adults
- Expansion Adults
- Children

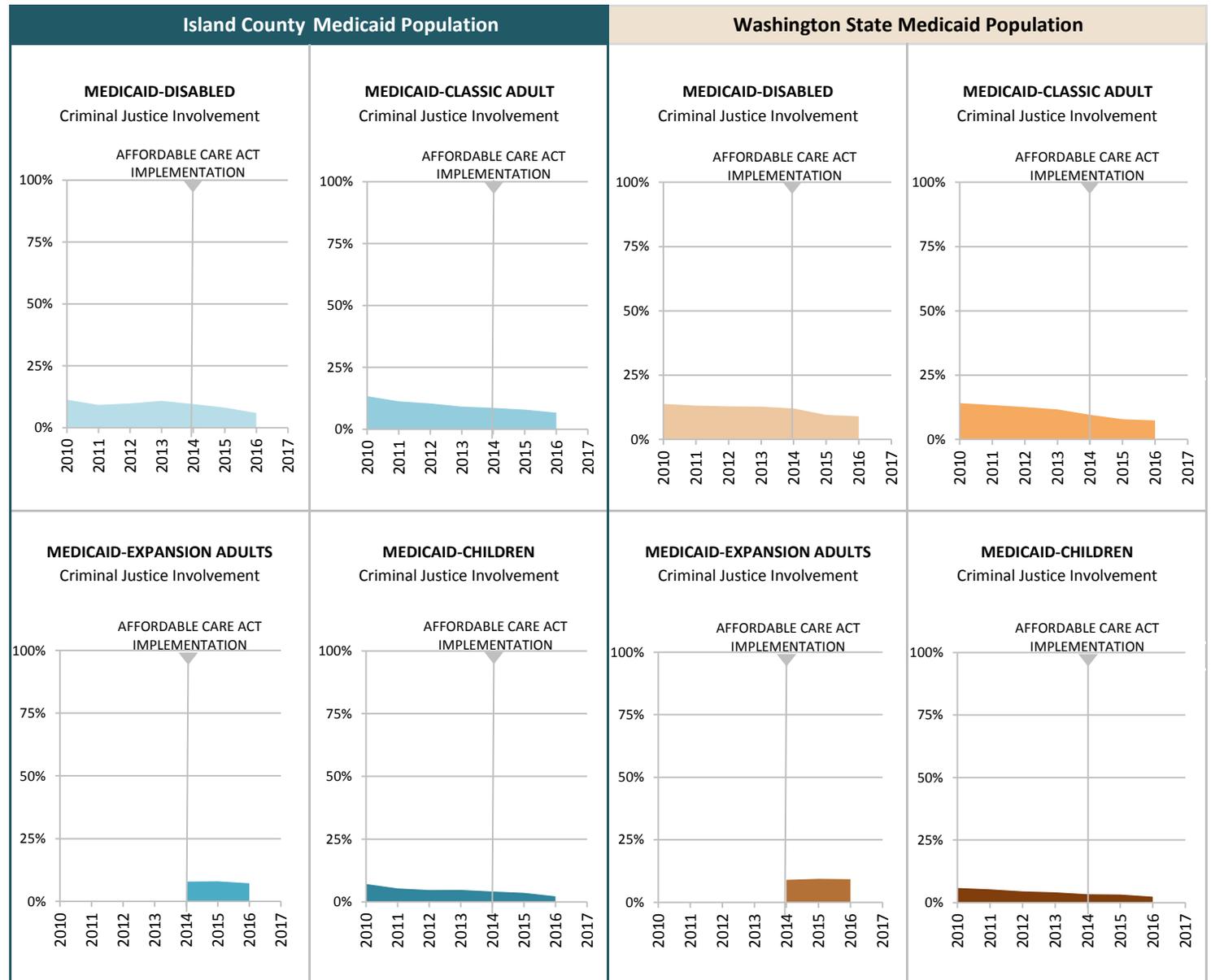
STATE MEDICAID:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR by Medicaid Sub-Population	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	11.3%	9.2%	9.8%	10.8%	9.5%	8.1%	5.9%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	79	73	78	94	78	49	36		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	13.3%	11.3%	10.4%	9.1%	8.6%	7.9%	6.7%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	156	141	132	117	120	117	96		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					7.9%	8.0%	7.2%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					214	361	376						32,382	56,183	61,932	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	7.1%	5.4%	4.7%	4.8%	4.1%	3.6%	2.2%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	67	54	48	50	51	46	30		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		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.



Island 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*

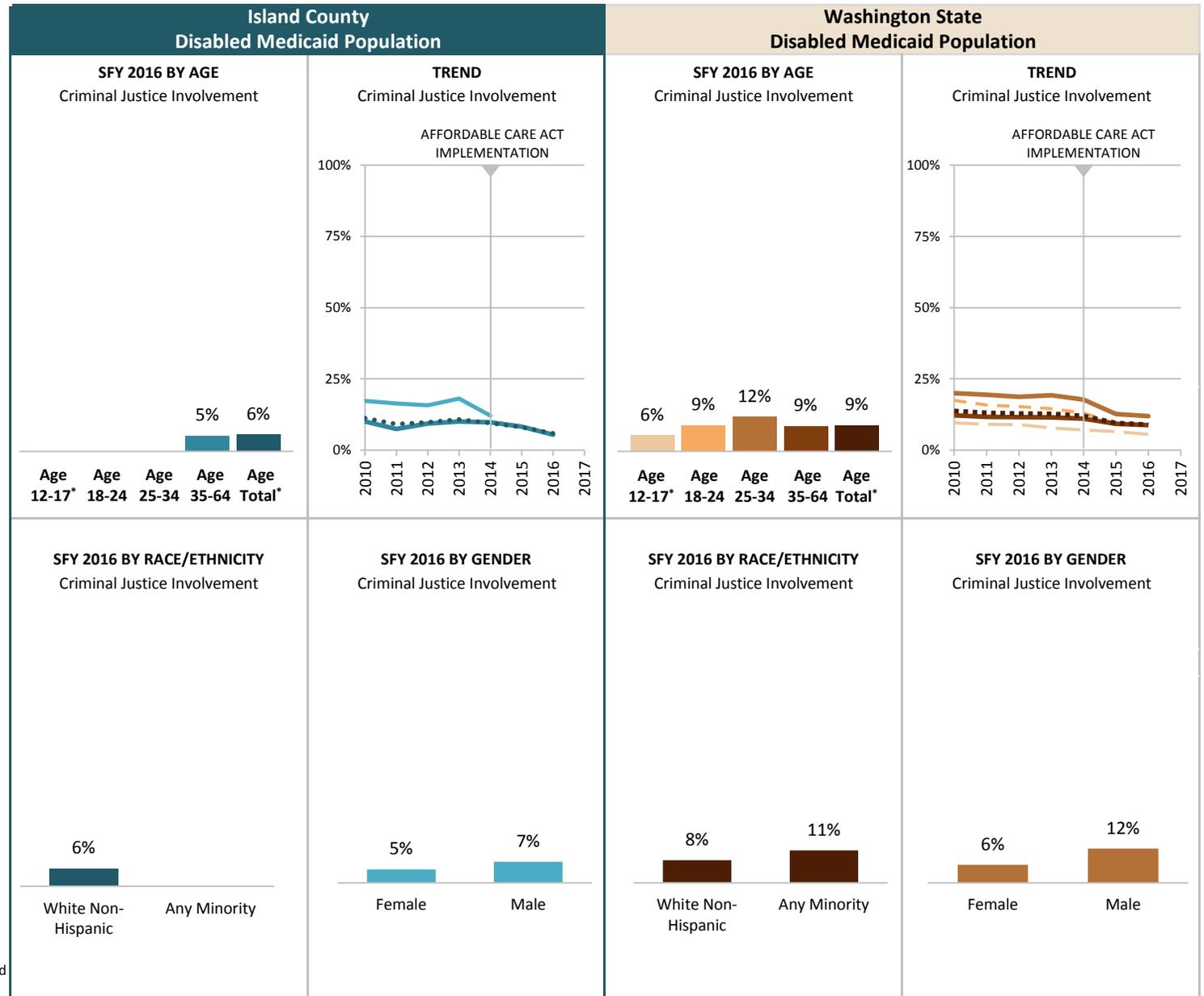
STATE:

- 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

	Island County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement									9.6%	9.1%	9.0%	7.8%	7.1%	6.5%	5.6%	
Persons w/CJ Involvement									610	598	623	566	523	485	435	
Total persons	32	37	40	34	41	39	42		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/CJ Involvement	13.2%			9.6%					17.5%	15.9%	15.3%	14.6%	13.0%	9.3%	9.0%	
Persons w/CJ Involvement	12			11					2,169	1,986	1,921	1,859	1,545	913	868	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/CJ Involvement	17.3%	16.4%	15.7%	18.1%	12.1%				20.0%	19.4%	18.7%	19.3%	17.7%	12.7%	12.0%	
Persons w/CJ Involvement	19	20	19	21	16				3,380	3,397	3,437	3,740	3,260	1,728	1,631	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/CJ Involvement	10.0%	7.4%	9.4%	10.1%	9.7%	8.3%	5.5%		12.2%	11.7%	11.6%	11.5%	11.1%	9.2%	8.8%	
Persons w/CJ Involvement	47	40	51	61	54	33	22		9,642	9,514	9,874	10,307	9,306	5,598	5,192	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total[†] w/CJ Involvement	11.3%	9.2%	9.8%	10.8%	9.5%	8.1%	5.9%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	79	73	78	94	78	49	36		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	701	795	797	870	819	605	609		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement									20.4%	19.4%	18.7%	18.7%	17.8%	14.0%	14.1%	
Persons w/CJ Involvement									2,380	2,329	2,321	2,422	2,183	1,334	1,307	
Total persons	38	45	51	51	56	33	33		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/CJ Involvement									8.8%	8.2%	8.4%	7.9%	7.8%	5.6%	5.1%	
Persons w/CJ Involvement									507	486	507	500	461	255	226	
Total persons	22	20	26	30	33	27	26		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/CJ Involvement									22.7%	21.7%	20.8%	20.5%	19.8%	15.7%	15.1%	
Persons w/CJ Involvement									3,182	3,196	3,279	3,424	3,176	1,943	1,868	
Total persons	29	35	45	57	50	36	39		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/CJ Involvement									12.7%	11.9%	11.9%	11.2%	10.3%	7.6%	7.5%	
Persons w/CJ Involvement									295	298	311	317	284	160	157	
Total persons	17	19	20	22	23	19	18		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/CJ Involvement									14.1%	13.8%	13.2%	12.7%	12.4%	9.9%	8.8%	
Persons w/CJ Involvement									1,269	1,340	1,411	1,464	1,361	862	785	
Total persons	33	43	40	48	42	40	47		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/CJ Involvement	11.0%	9.6%	9.8%	10.2%	9.6%	7.8%	6.0%		12.2%	11.5%	11.3%	11.3%	10.6%	8.3%	7.8%	
Persons w/CJ Involvement	62	60	60	68	59	35	27		9,044	8,717	8,886	9,272	8,084	4,720	4,342	
Total persons	565	623	614	665	616	449	448		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/CJ Involvement	13.7%	8.5%	10.9%	14.1%	10.5%	9.7%			17%	17%	16%	16%	15%	12%	11%	
Persons w/CJ Involvement	17	13	18	26	19	13			6,712	6,723	6,906	7,135	6,503	3,970	3,747	
Total persons	124	153	165	184	181	134	142		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/CJ Involvement	7.9%	4.6%	5.9%	7.8%	7.9%	5.3%	4.7%		9.2%	8.9%	8.6%	8.5%	7.9%	6.7%	6.2%	
Persons w/CJ Involvement	31	20	26	37	35	17	15		5,307	5,309	5,287	5,421	4,694	3,056	2,757	
Total persons	392	436	443	474	442	320	321		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/CJ Involvement	15.5%	14.8%	14.7%	14.4%	11.4%	11.2%	7.3%		18.5%	17.4%	17.1%	16.8%	16.0%	12.3%	11.8%	
Persons w/CJ Involvement	48	53	52	57	43	32	21		10,494	10,186	10,568	11,051	9,940	5,668	5,369	
Total persons	309	359	354	396	377	285	288		56,603	58,414	61,776	65,594	62,069	45,905	45,684	

Criminal Justice Involvement Rates

Among Medicaid-Disabled Youth and Adults, by County

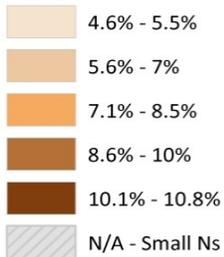
MARCH 2017

SFY 2016

INDICATOR

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

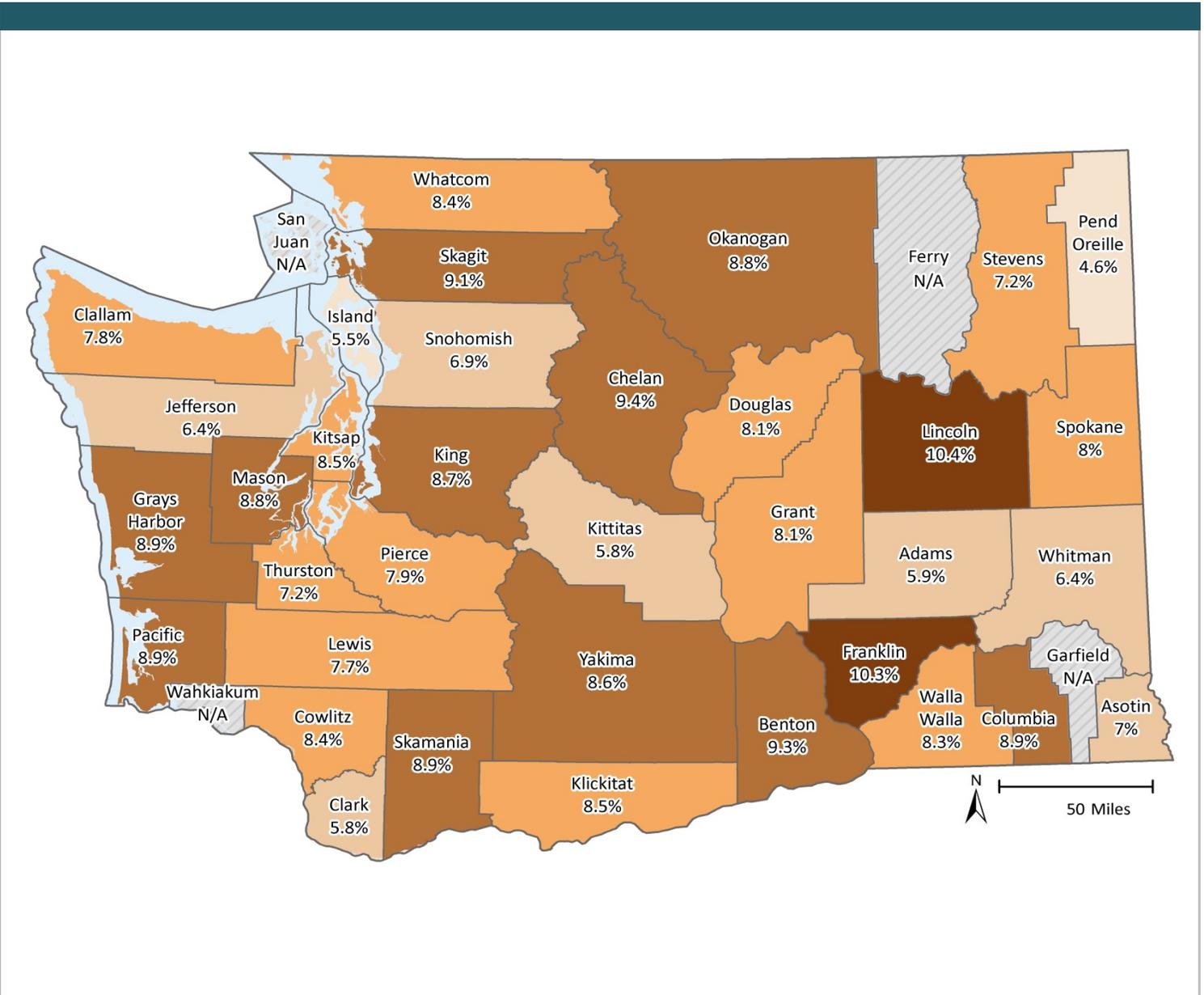
Percent of Medicaid-Disabled Youth and Adults with Criminal Justice Involvement



SOURCE & POPULATION

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

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



Criminal Justice Involvement

INDICATOR

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

COUNTY:

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

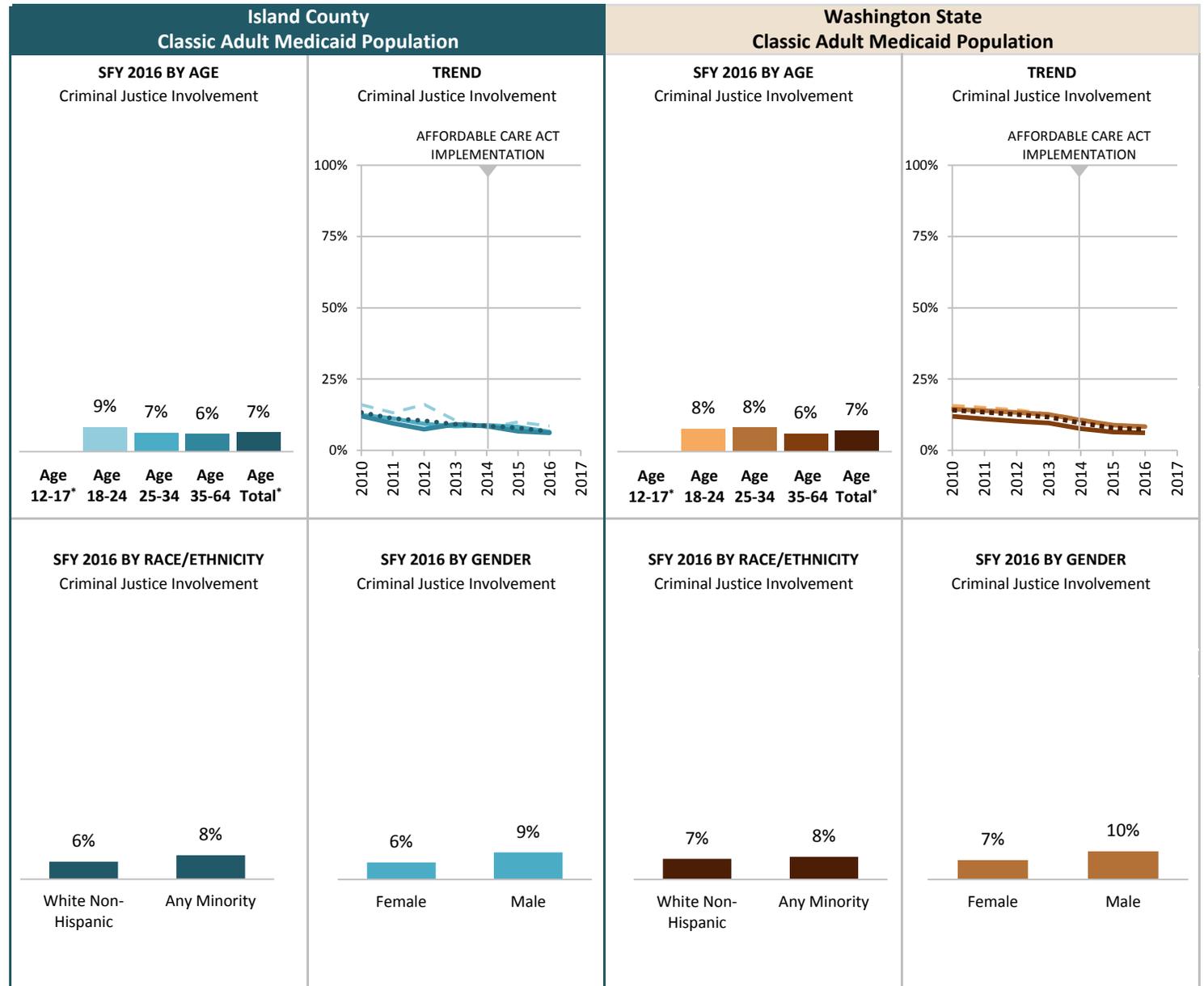
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR	Island County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement	16.0%	13.2%	16.1%	10.5%	8.0%	10.0%	8.5%		15.7%	15.0%	14.2%	12.7%	11.1%	8.7%	8.0%	
Persons w/CJ Involvement	53	43	48	31	19	21	17		8,439	7,983	7,124	5,956	4,651	3,024	2,382	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/CJ Involvement	12.4%	11.2%	9.3%	8.4%	8.9%	8.3%	6.6%		14.5%	13.9%	13.3%	12.6%	10.6%	8.9%	8.3%	
Persons w/CJ Involvement	63	64	57	49	54	56	42		11,497	11,820	11,327	10,668	9,545	8,141	7,290	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/CJ Involvement	12.0%	9.6%	7.5%	9.1%	8.6%	6.7%	6.2%		12.0%	11.1%	10.3%	9.6%	7.6%	6.4%	6.2%	
Persons w/CJ Involvement	40	34	27	37	47	40	37		6,476	6,470	6,166	5,834	5,858	5,576	5,307	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/CJ Involvement	13.3%	11.3%	10.4%	9.1%	8.6%	7.9%	6.7%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	156	141	132	117	120	117	96		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	28.3%								23.3%	22.2%	21.3%	19.7%	17.6%	15.2%	14.6%	
Persons w/CJ Involvement	15								3,665	3,568	3,389	3,068	2,731	2,241	2,018	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/CJ Involvement									10.4%	9.6%	9.4%	8.0%	6.2%	5.0%	4.5%	
Persons w/CJ Involvement									931	943	976	838	796	691	602	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/CJ Involvement	21.0%	14.9%	16.0%	15.0%	16.5%	15.5%			19.2%	17.8%	16.6%	15.2%	13.3%	10.9%	9.8%	
Persons w/CJ Involvement	17	13	15	15	17	15			3,932	3,913	3,721	3,416	3,100	2,467	2,076	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/CJ Involvement									12.9%	12.2%	11.7%	9.5%	8.1%	6.5%	5.9%	
Persons w/CJ Involvement									848	878	894	760	748	649	568	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/CJ Involvement	12.9%	14.6%		12.7%	10.0%	7.3%	9.0%		13.9%	13.7%	12.9%	12.2%	9.5%	7.7%	7.0%	
Persons w/CJ Involvement	12	13		17	16	13	16		3,888	4,127	4,010	3,792	3,504	2,959	2,586	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/CJ Involvement	12.2%	11.4%	9.9%	7.9%	8.4%	7.2%	6.2%		13.3%	12.6%	11.8%	11.1%	9.0%	7.6%	7.3%	
Persons w/CJ Involvement	101	102	87	70	79	73	60		14,551	14,305	13,221	12,069	10,538	8,895	8,099	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/CJ Involvement	18.3%	12.8%	12.7%	12.8%	10.1%	10.5%	8.4%		16%	15%	14%	13%	11%	9%	8%	
Persons w/CJ Involvement	51	38	42	45	41	44	35		11,590	11,738	11,206	10,252	9,400	7,749	6,782	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/CJ Involvement	11.4%	9.3%	8.1%	7.3%	6.9%	6.9%	5.9%		11.7%	11.2%	10.5%	9.8%	8.3%	7.1%	6.7%	
Persons w/CJ Involvement	107	92	80	73	73	80	68		16,960	16,967	15,867	14,617	13,376	11,812	10,694	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/CJ Involvement	20.9%	18.8%	18.4%	15.5%	14.0%	11.6%	9.5%		22.5%	20.5%	19.5%	18.1%	13.7%	10.4%	9.8%	
Persons w/CJ Involvement	49	49	52	44	47	37	28		9,452	9,306	8,750	7,841	6,678	4,929	4,285	
Total persons	235	260	282	283	336	319	296		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Criminal Justice Involvement Rates

Among Medicaid-Classic Adults, by County

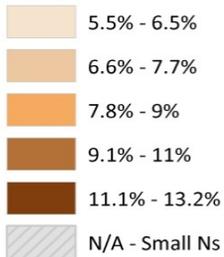
MARCH 2017

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.

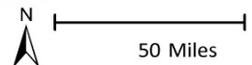
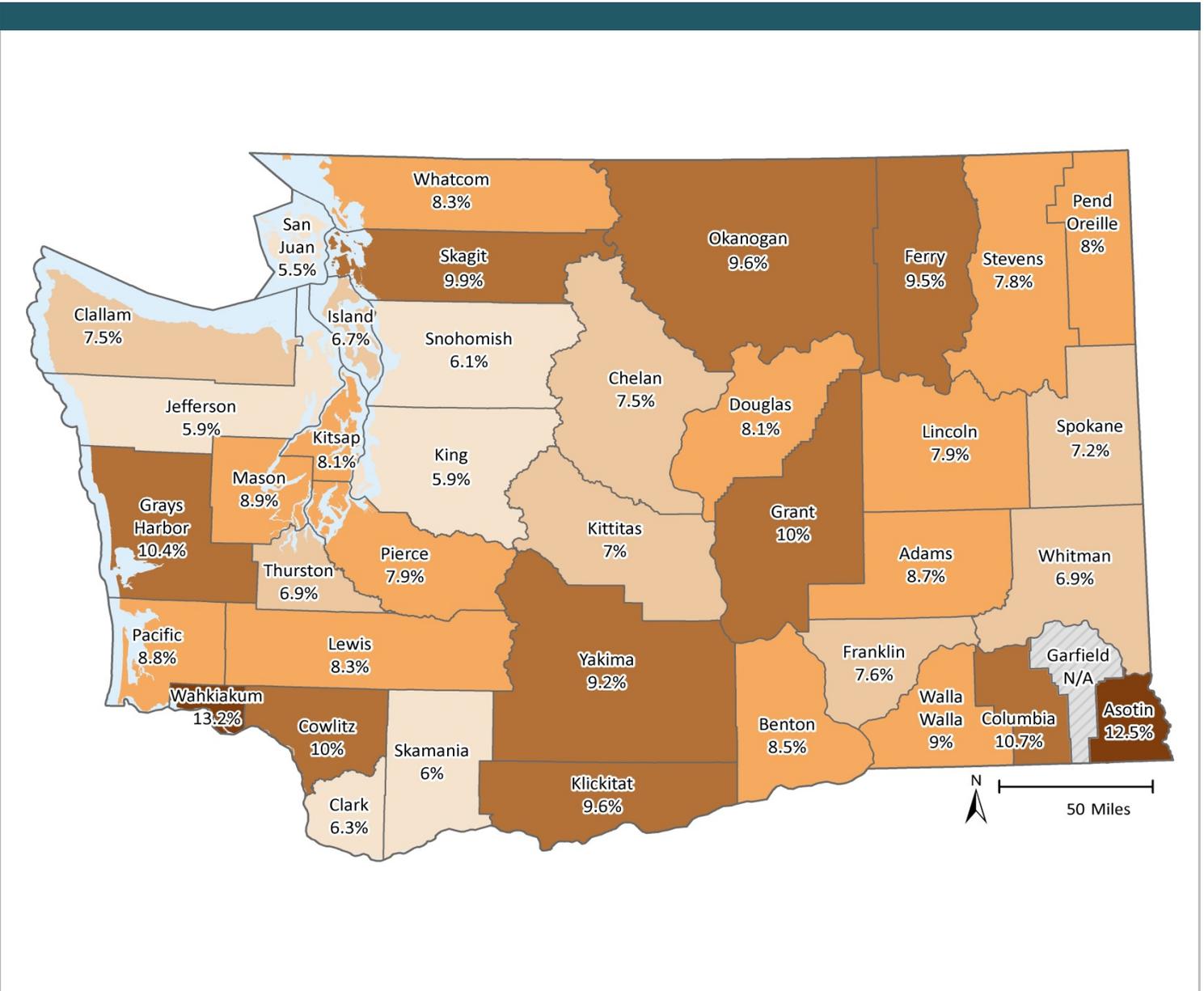
Percent of Medicaid-Classic Adults with Criminal Justice Involvement



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*

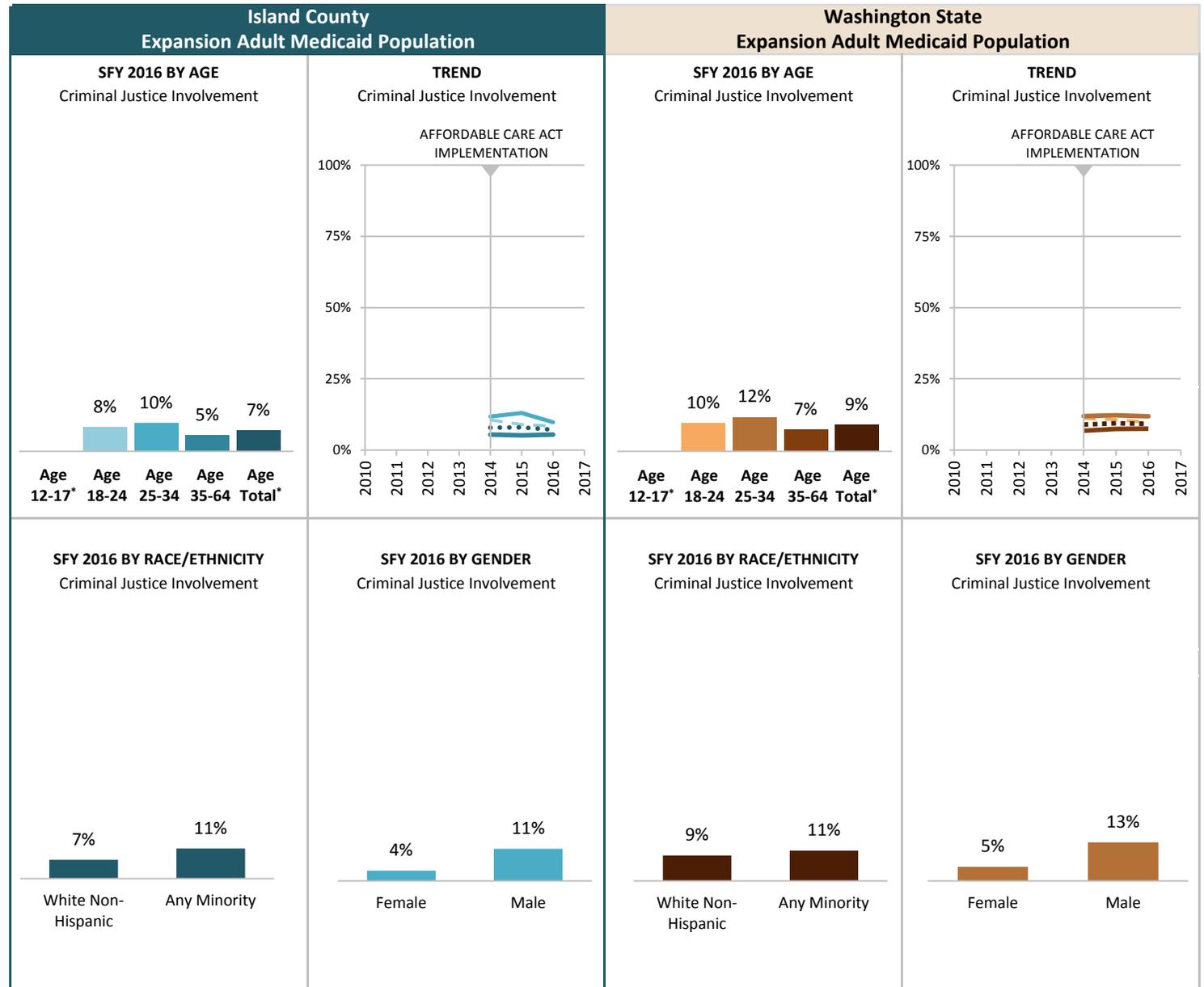
STATE:

- 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	Island County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement					10.6%	9.0%	8.4%						11.2%	10.7%	9.8%	
Persons w/CJ Involvement					45	65	71						6,674	11,052	11,751	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/CJ Involvement					11.8%	13.0%	9.8%						12.0%	12.2%	11.9%	
Persons w/CJ Involvement					81	165	148						12,268	21,609	24,337	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/CJ Involvement					5.5%	5.2%	5.5%						6.8%	7.4%	7.5%	
Persons w/CJ Involvement					88	131	157						13,440	23,522	25,844	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total[†] w/CJ Involvement					7.9%	8.0%	7.2%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					214	361	376						32,382	56,183	61,932	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement					17.8%	19.1%	21.3%						21.4%	21.3%	19.8%	
Persons w/CJ Involvement					13	27	33						3,599	6,462	6,981	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/CJ Involvement						7.5%	5.2%						4.1%	4.7%	4.7%	
Persons w/CJ Involvement						15	11						1,365	2,290	2,430	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/CJ Involvement					16.5%	18.4%	15.0%						14.9%	15.7%	15.4%	
Persons w/CJ Involvement					18	39	36						4,205	7,707	8,631	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/CJ Involvement						7.0%	5.8%						8.0%	8.0%	7.8%	
Persons w/CJ Involvement						14	13						917	1,629	1,830	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/CJ Involvement					11.2%	13.2%	10.4%						8.5%	9.2%	9.3%	
Persons w/CJ Involvement					23	49	46						4,450	7,829	9,022	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/CJ Involvement					7.6%	7.4%	6.5%						8.9%	9.1%	8.9%	
Persons w/CJ Involvement					157	246	253						19,312	32,907	35,892	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/CJ Involvement					10.9%	11.8%	10.5%						10%	11%	11%	
Persons w/CJ Involvement					56	113	115						12,841	22,753	25,401	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/CJ Involvement					3.6%	4.4%	3.6%						4.8%	5.0%	4.9%	
Persons w/CJ Involvement					52	103	98						8,688	14,742	16,055	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/CJ Involvement					12.8%	11.9%	11.1%						13.1%	13.6%	13.4%	
Persons w/CJ Involvement					162	258	278						23,694	41,441	45,877	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

Criminal Justice Involvement Rates

Among Medicaid-Expansion Adults, by County

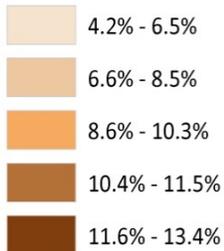
MARCH 2017

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.

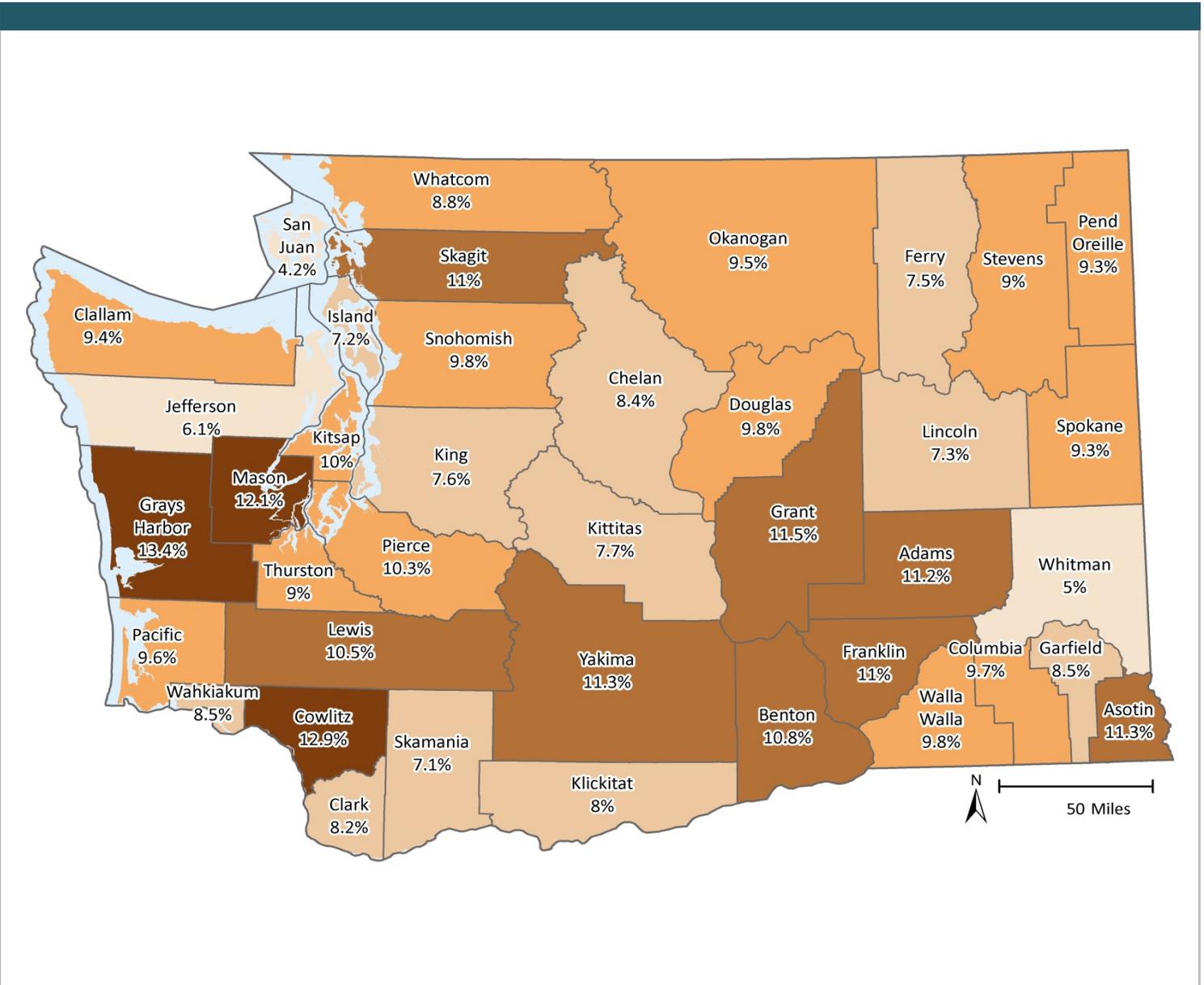
Percent of Medicaid-Expansion Adults with Criminal Justice Involvement



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*

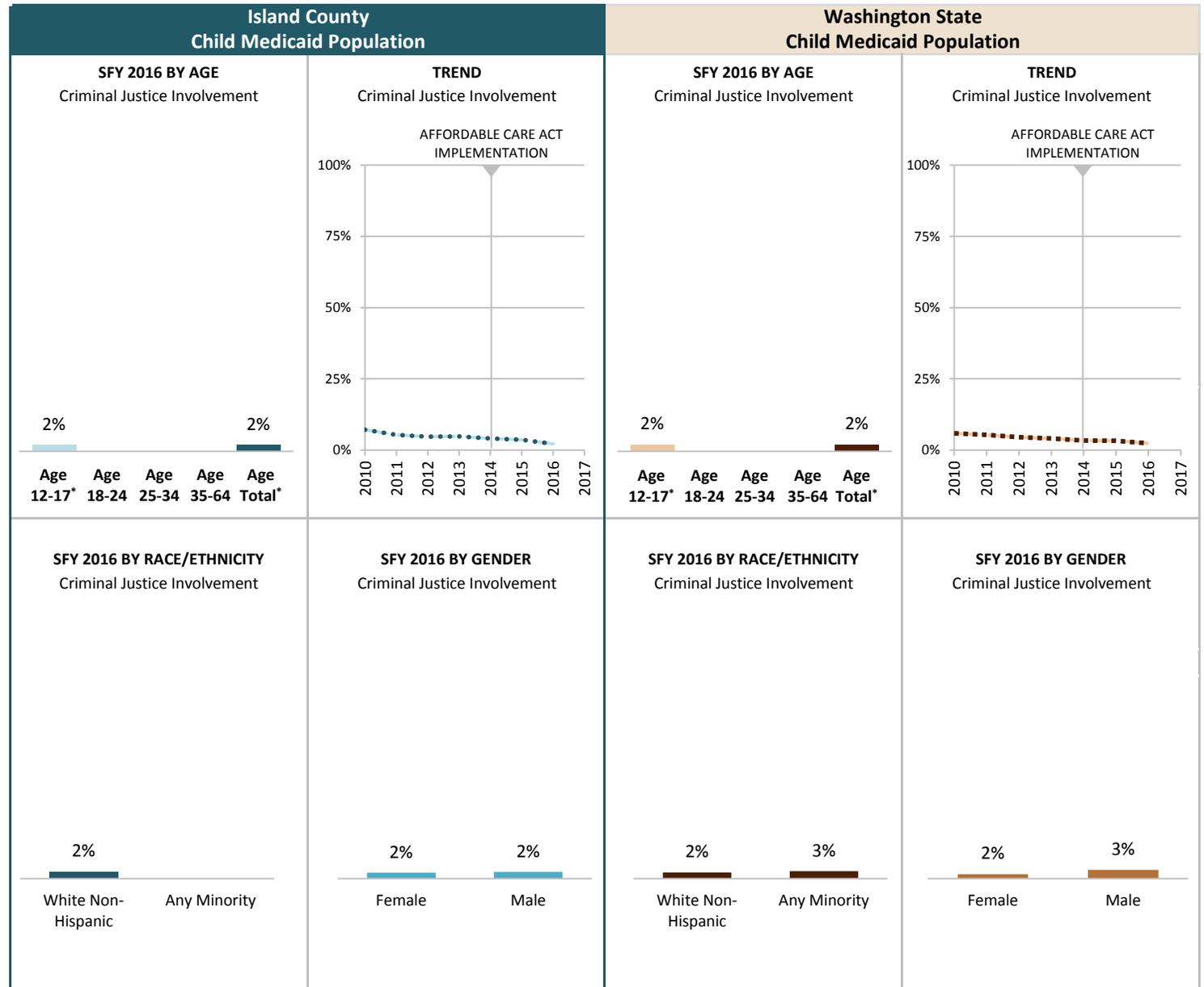
STATE:

- 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

	Island County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement	7.1%	5.4%	4.7%	4.8%	4.1%	3.6%	2.2%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	67	54	48	50	51	46	30		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 25-34 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 35-64 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age Total[†] w/CJ Involvement	7.1%	5.4%	4.7%	4.8%	4.1%	3.6%	2.2%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	67	54	48	50	51	46	30		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	940	1,005	1,016	1,046	1,230	1,275	1,345		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement									10.4%	9.3%	8.5%	8.2%	7.1%	7.0%	5.2%	
Persons w/CJ Involvement									1,269	1,186	1,094	1,072	931	923	709	
Total persons	44	57	64	63	50	50	39		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/CJ Involvement									3.8%	3.5%	3.0%	2.5%	1.8%	1.8%	1.2%	
Persons w/CJ Involvement									426	428	375	324	261	271	193	
Total persons	61	53	58	57	61	62	63		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/CJ Involvement	14.6%								8.7%	7.7%	6.9%	6.4%	5.5%	5.4%	4.5%	
Persons w/CJ Involvement	12								1,548	1,426	1,324	1,283	1,142	1,145	997	
Total persons	82	88	90	104	106	118	123		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/CJ Involvement									4.8%	4.3%	4.1%	3.7%	2.9%	3.0%	2.2%	
Persons w/CJ Involvement									315	313	318	297	251	276	212	
Total persons	73	62	69	65	72	80	77		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/CJ Involvement	8.6%								6.1%	5.7%	4.7%	4.1%	3.3%	3.2%	2.3%	
Persons w/CJ Involvement	11								2,681	2,715	2,383	2,191	1,944	2,006	1,564	
Total persons	128	156	150	147	181	192	191		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/CJ Involvement	6.6%	5.0%	4.3%	5.5%	4.0%	3.5%	2.5%		5.4%	5.0%	4.1%	3.9%	3.2%	3.1%	2.2%	
Persons w/CJ Involvement	39	32	27	36	32	28	21		4,088	3,971	3,367	3,168	2,781	2,795	2,075	
Total persons	587	640	628	651	794	794	851		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/CJ Involvement	9.1%	6.7%	6.1%	3.9%	4.9%	4.3%			7%	6%	5%	5%	4%	4%	3%	
Persons w/CJ Involvement	28	22	21	14	19	18			5,388	5,196	4,684	4,395	3,874	3,901	3,099	
Total persons	308	330	344	355	390	421	417		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/CJ Involvement	6.2%	3.8%	3.4%	3.6%	2.5%	2.5%	2.1%		4.2%	3.8%	3.2%	2.9%	2.4%	2.3%	1.6%	
Persons w/CJ Involvement	30	19	17	18	15	16	14		3,439	3,277	2,817	2,651	2,324	2,329	1,751	
Total persons	487	505	500	507	609	633	669		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/CJ Involvement	8.2%	7.0%	6.0%	5.9%	5.8%	4.7%	2.4%		7.5%	6.8%	5.9%	5.3%	4.4%	4.2%	3.1%	
Persons w/CJ Involvement	37	35	31	32	36	30	16		6,103	5,960	5,282	4,941	4,378	4,411	3,458	
Total persons	453	500	516	539	621	642	676		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Criminal Justice Involvement Rates Among Medicaid-Children, by County

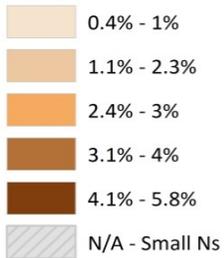
MARCH 2017

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.

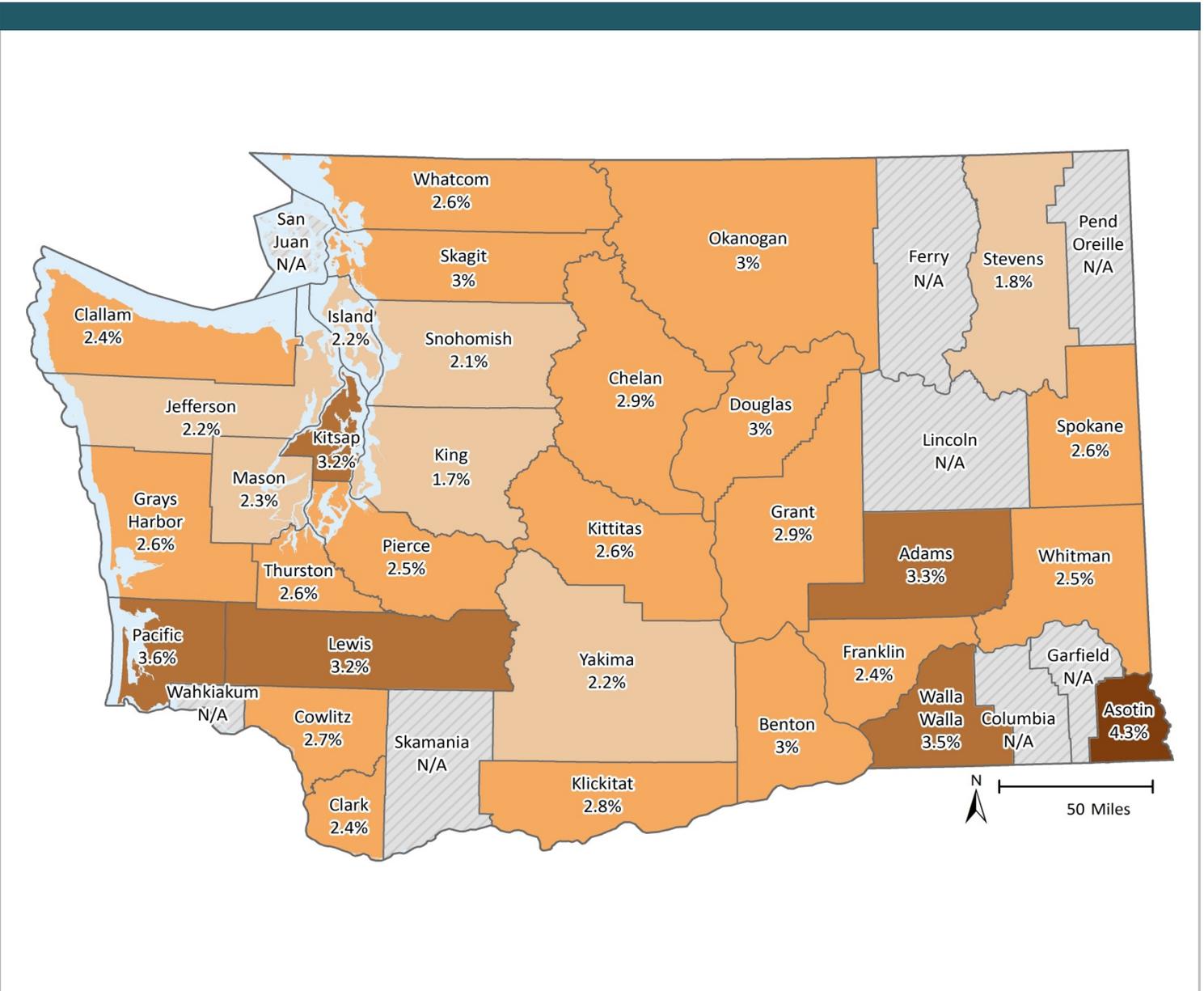
Percent of Medicaid-Children with Criminal Justice Involvement



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

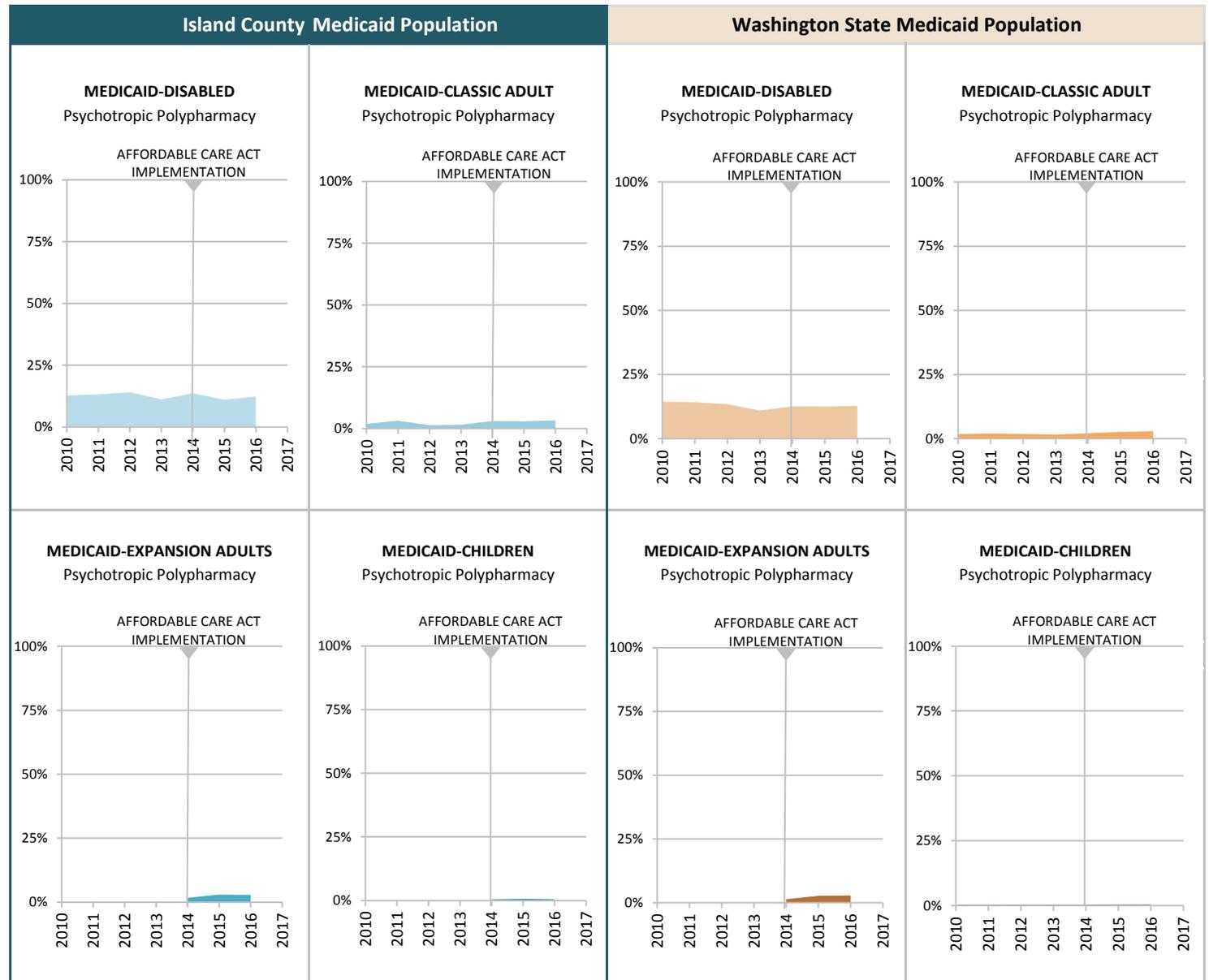
STATE:

- 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	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	12.7%	13.2%	14.0%	11.2%	13.6%	11.0%	12.3%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	95	111	119	103	119	73	81		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	1.9%	3.1%	1.3%	1.5%	3.0%	2.9%	3.3%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	22	39	17	19	42	43	47		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					1.7%	2.9%	2.8%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					46	133	146						4,922	16,087	19,012	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children			0.3%		0.4%	0.7%	0.5%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.			12		17	28	22		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		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*

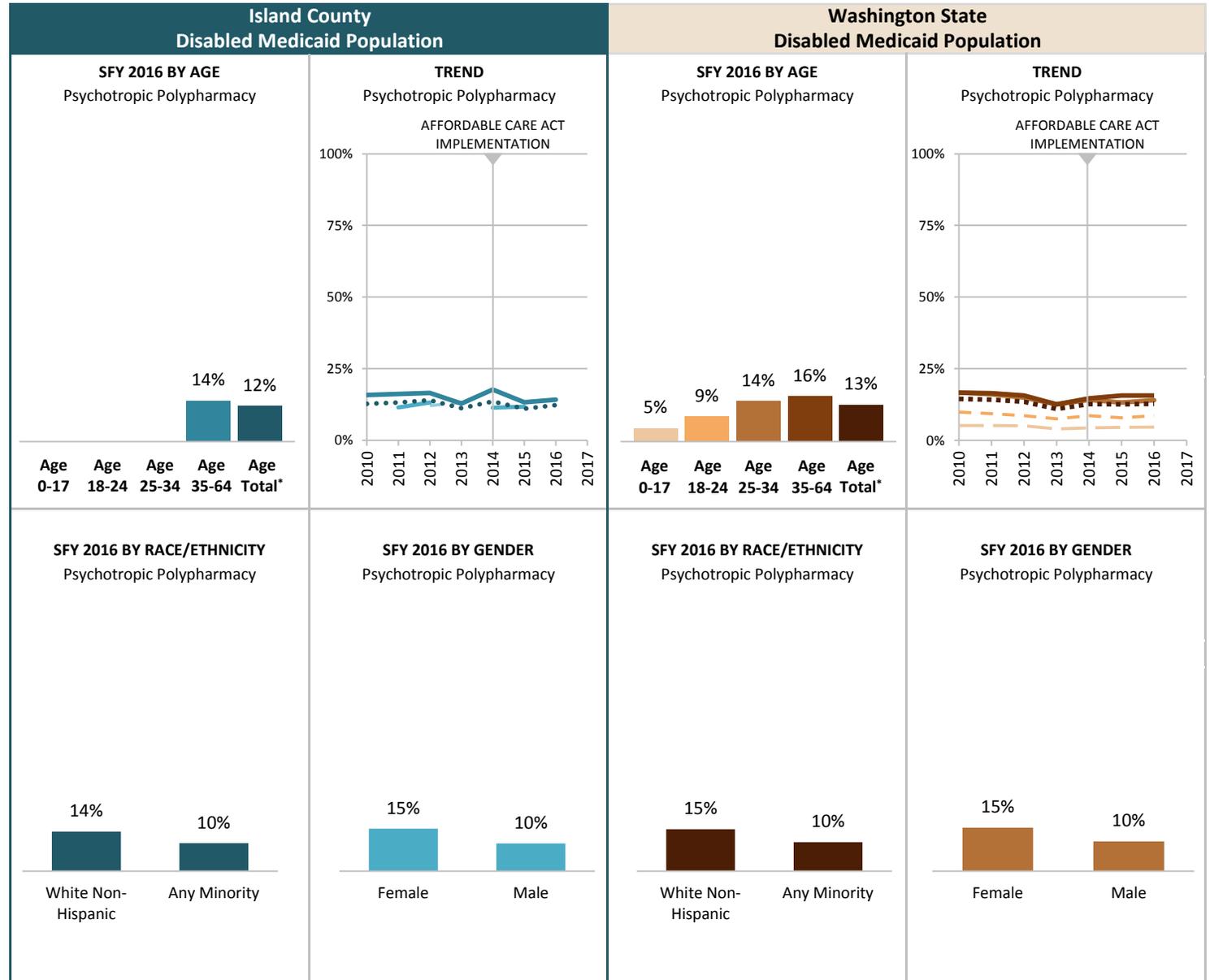
STATE:

- 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

	Island County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.									5.2%	5.2%	5.1%	4.0%	4.3%	4.5%	4.6%	
Persons w/psy. polypharm.									866	897	912	733	798	832	863	
Total persons	77	84	94	85	98	96	93		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/psy. polypharm.			12.1%	13.2%					9.8%	9.3%	8.6%	7.5%	8.6%	7.9%	8.6%	
Persons w/psy. polypharm.			11	15					1,219	1,161	1,077	961	1,017	770	829	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/psy. polypharm.		11.5%	13.2%		11.4%	11.7%			16.7%	16.1%	14.9%	12.5%	14.1%	13.2%	14.0%	
Persons w/psy. polypharm.		14	16		15	11			2,834	2,813	2,729	2,425	2,599	1,802	1,906	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/psy. polypharm.	15.8%	16.1%	16.5%	12.9%	17.7%	13.3%	14.1%		16.6%	16.5%	15.6%	12.6%	14.7%	15.6%	15.6%	
Persons w/psy. polypharm.	74	87	90	78	98	53	57		13,096	13,369	13,348	11,275	12,312	9,460	9,259	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total† w/psy. polypharm.	12.7%	13.2%	14.0%	11.2%	13.6%	11.0%	12.3%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	95	111	119	103	119	73	81		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.					20.7%				16.5%	16.0%	14.9%	12.6%	14.1%	13.9%	14.3%	
Persons w/psy. polypharm.					12				2,082	2,076	1,998	1,764	1,872	1,446	1,449	
Total persons	39	47	54	55	58	34	33		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/psy. polypharm.									10.5%	10.6%	10.8%	9.2%	9.9%	10.4%	11.2%	
Persons w/psy. polypharm.									646	670	695	622	636	525	558	
Total persons	23	22	30	34	36	31	28		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/psy. polypharm.									11.4%	11.4%	10.8%	8.9%	9.8%	9.6%	9.3%	
Persons w/psy. polypharm.									1,798	1,887	1,903	1,663	1,761	1,368	1,334	
Total persons	36	43	51	61	58	47	49		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/psy. polypharm.									11.0%	10.4%	10.0%	8.9%	9.3%	10.4%	10.2%	
Persons w/psy. polypharm.									295	302	305	291	303	272	267	
Total persons	19	21	22	23	26	20	20		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/psy. polypharm.									8.2%	8.3%	7.9%	6.6%	7.8%	7.1%	7.5%	
Persons w/psy. polypharm.									986	1,067	1,100	976	1,121	866	913	
Total persons	42	49	48	56	56	52	58		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/psy. polypharm.	13.3%	14.7%	15.8%	11.5%	14.8%	11.3%	13.7%		16.2%	16.0%	15.1%	12.3%	14.3%	14.5%	14.7%	
Persons w/psy. polypharm.	78	95	101	80	95	54	65		12,727	12,774	12,568	10,595	11,589	8,853	8,786	
Total persons	587	647	641	695	644	477	474		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/psych polypharm.	11.1%	9.2%	9.1%	11.3%	11.5%	11.9%	9.6%		12%	12%	11%	9%	10%	10%	10%	
Persons w/psy. polypharm.	16	16	17	23	24	19	16		5,233	5,413	5,439	4,758	5,080	3,967	4,017	
Total persons	144	173	187	204	208	160	166		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/psy. polypharm.	15.8%	17.4%	18.0%	14.1%	16.2%	14.6%	14.7%		16.9%	16.8%	15.9%	13.1%	15.0%	15.1%	15.2%	
Persons w/psy. polypharm.	65	79	83	69	75	50	50		10,386	10,599	10,431	8,849	9,495	7,465	7,353	
Total persons	411	455	462	488	464	342	339		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/psy. polypharm.	9.0%	8.3%	9.3%	7.9%	10.7%	7.2%	9.7%		12.1%	11.7%	11.1%	9.0%	10.4%	10.2%	10.4%	
Persons w/psy. polypharm.	30	32	36	34	44	23	31		7,629	7,641	7,635	6,545	7,231	5,399	5,504	
Total persons	335	387	389	433	412	320	321		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

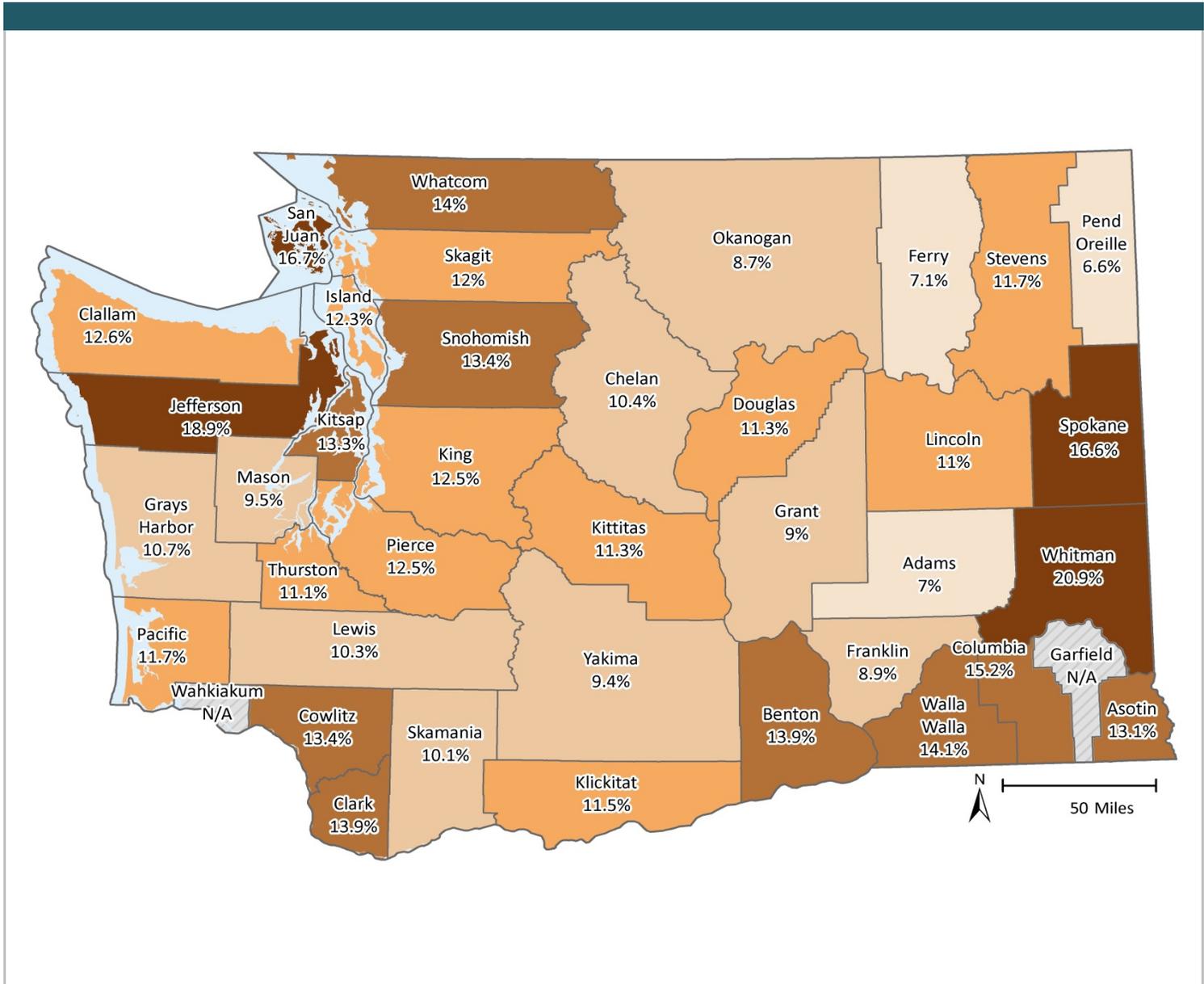
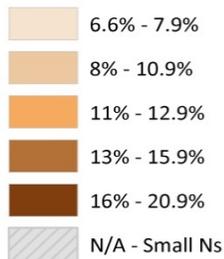
MARCH 2017

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*

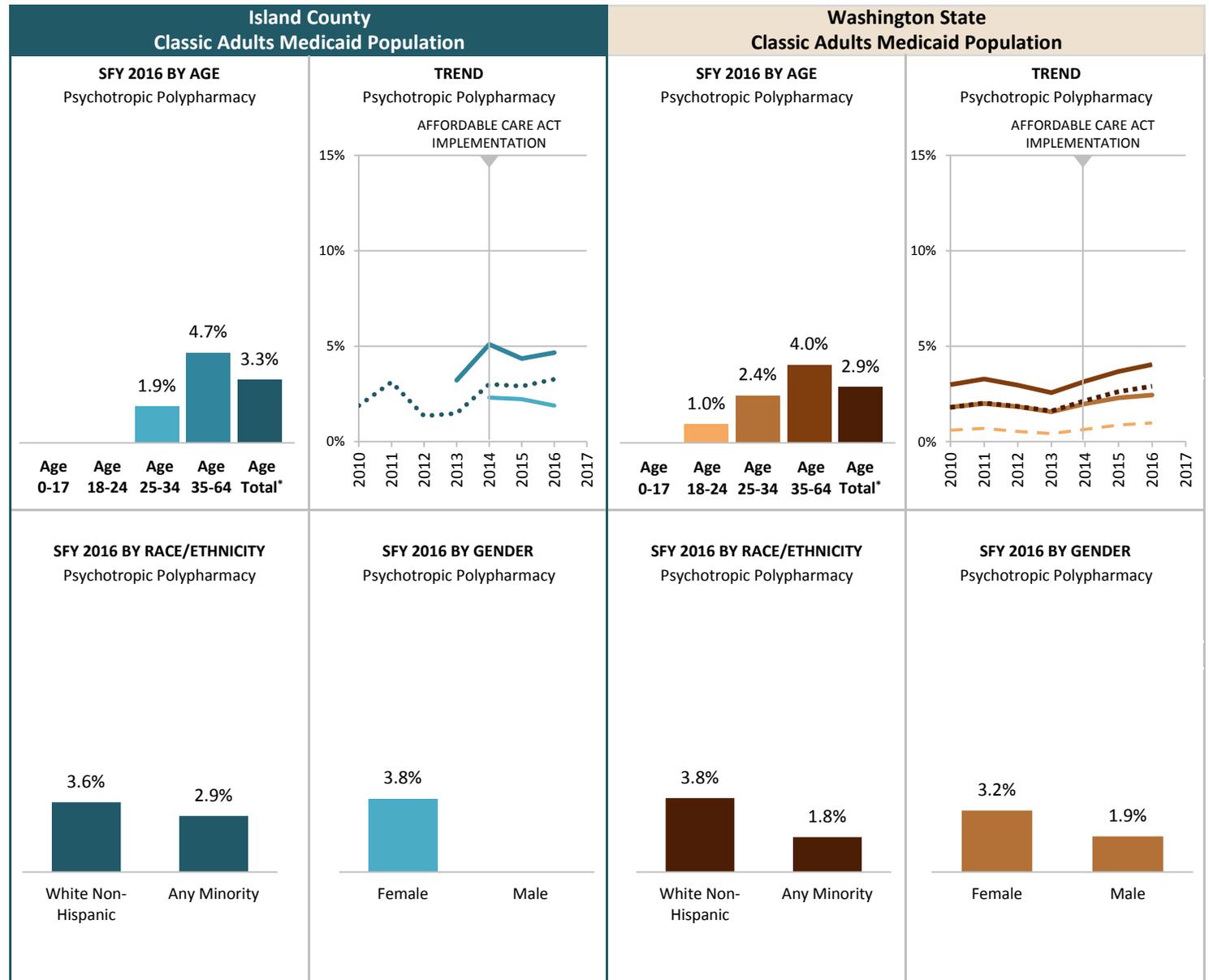
STATE:

- 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

	Island County Classic Adults Medicaid Population								Washington State Classic Adults Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 18-24 w/psy. polypharm.									0.6%	0.7%	0.5%	0.4%	0.6%	0.9%	1.0%	
Persons w/psy. polypharm.									318	371	268	198	268	302	290	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/psy. polypharm.		2.4%			2.3%	2.2%	1.9%		1.8%	2.0%	1.8%	1.6%	2.0%	2.3%	2.4%	
Persons w/psy. polypharm.		14			14	15	12		1,431	1,691	1,558	1,328	1,777	2,096	2,130	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/psy. polypharm.		6.5%		3.2%	5.1%	4.4%	4.7%		3.0%	3.3%	3.0%	2.6%	3.2%	3.7%	4.0%	
Persons w/psy. polypharm.		23		13	28	26	28		1,610	1,917	1,774	1,551	2,436	3,181	3,451	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total† w/psy. polypharm.	1.9%	3.1%	1.3%	1.5%	3.0%	2.9%	3.3%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	22	39	17	19	42	43	47		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.									2.9%	3.1%	2.5%	2.3%	2.9%	3.4%	3.9%	
Persons w/psy. polypharm.									451	495	391	353	446	497	538	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/psy. polypharm.									0.9%	1.0%	0.9%	0.8%	1.0%	1.1%	1.2%	
Persons w/psy. polypharm.									77	96	93	83	128	153	162	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/psy. polypharm.									1.1%	1.4%	1.2%	1.0%	1.4%	1.7%	1.9%	
Persons w/psy. polypharm.									223	314	275	229	334	391	399	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/psy. polypharm.									0.8%	0.9%	1.0%	0.8%	1.0%	1.1%	1.1%	
Persons w/psy. polypharm.									53	66	75	62	95	112	102	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/psy. polypharm.									1.0%	1.1%	1.1%	0.9%	1.1%	1.4%	1.6%	
Persons w/psy. polypharm.									272	326	341	283	417	549	579	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/psy. polypharm.	2.2%	3.2%	1.5%	1.7%	3.7%	2.9%	3.6%		2.2%	2.5%	2.3%	2.0%	2.8%	3.5%	3.8%	
Persons w/psy. polypharm.	18	29	13	15	35	29	35		2,420	2,836	2,570	2,194	3,241	4,088	4,282	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/psych polypharm.						3.3%	2.9%		1.3%	1.5%	1.3%	1.1%	1.4%	1.6%	1.8%	
Persons w/psy. polypharm.						14	12		925	1,125	1,010	875	1,219	1,467	1,544	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/psy. polypharm.	2.1%	3.3%	1.7%	1.8%	3.4%	3.3%	3.8%		2.0%	2.3%	2.1%	1.8%	2.4%	2.9%	3.2%	
Persons w/psy. polypharm.	20	33	17	18	36	38	43		2,927	3,470	3,164	2,714	3,882	4,790	5,061	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/psy. polypharm.									1.0%	1.1%	1.0%	0.8%	1.2%	1.7%	1.9%	
Persons w/psy. polypharm.									432	509	436	363	599	789	810	
Total persons	235	260	282	283	336	319	296		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

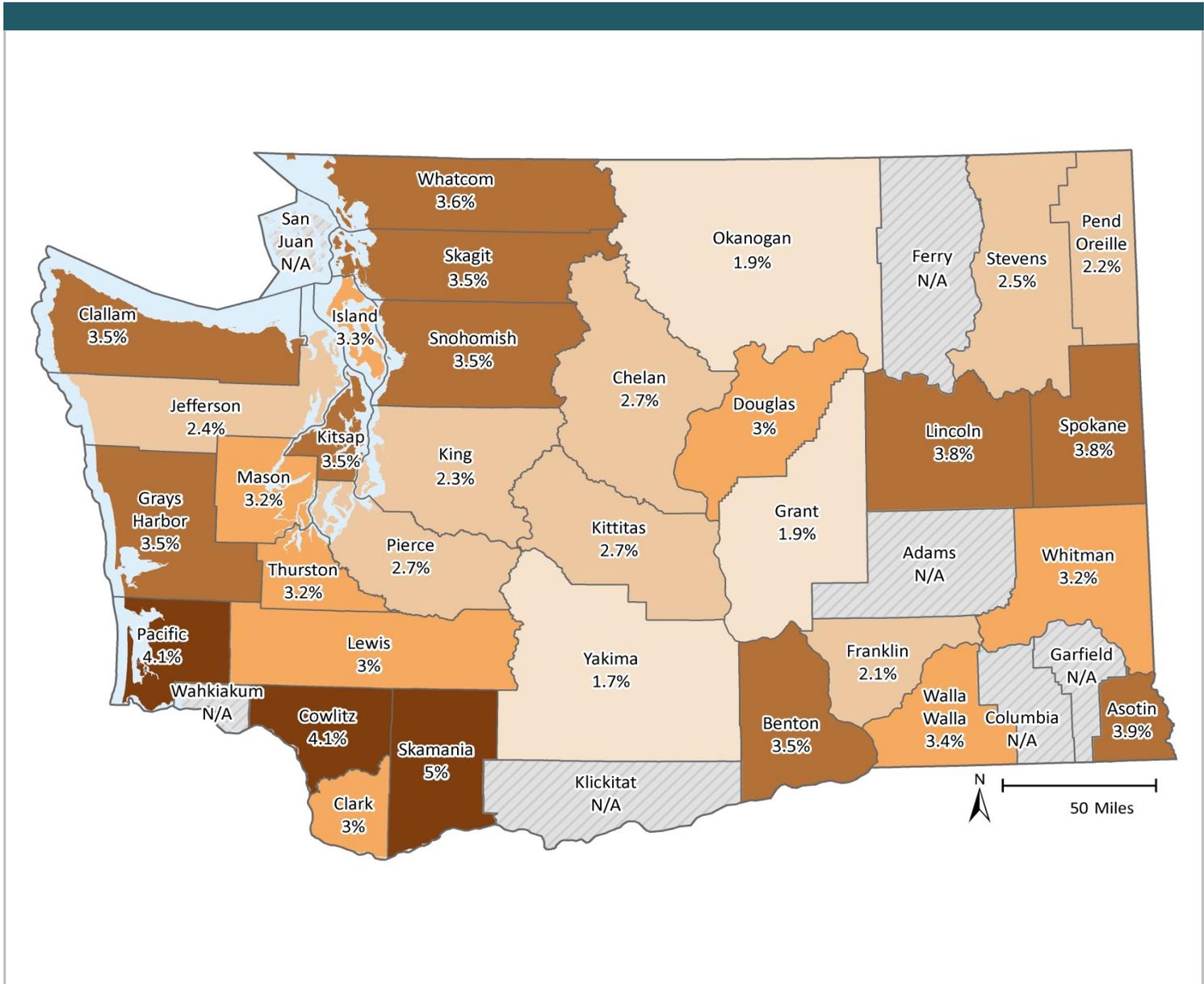
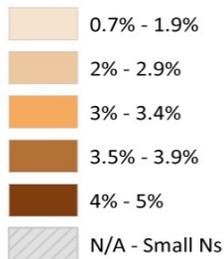
MARCH 2017

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*

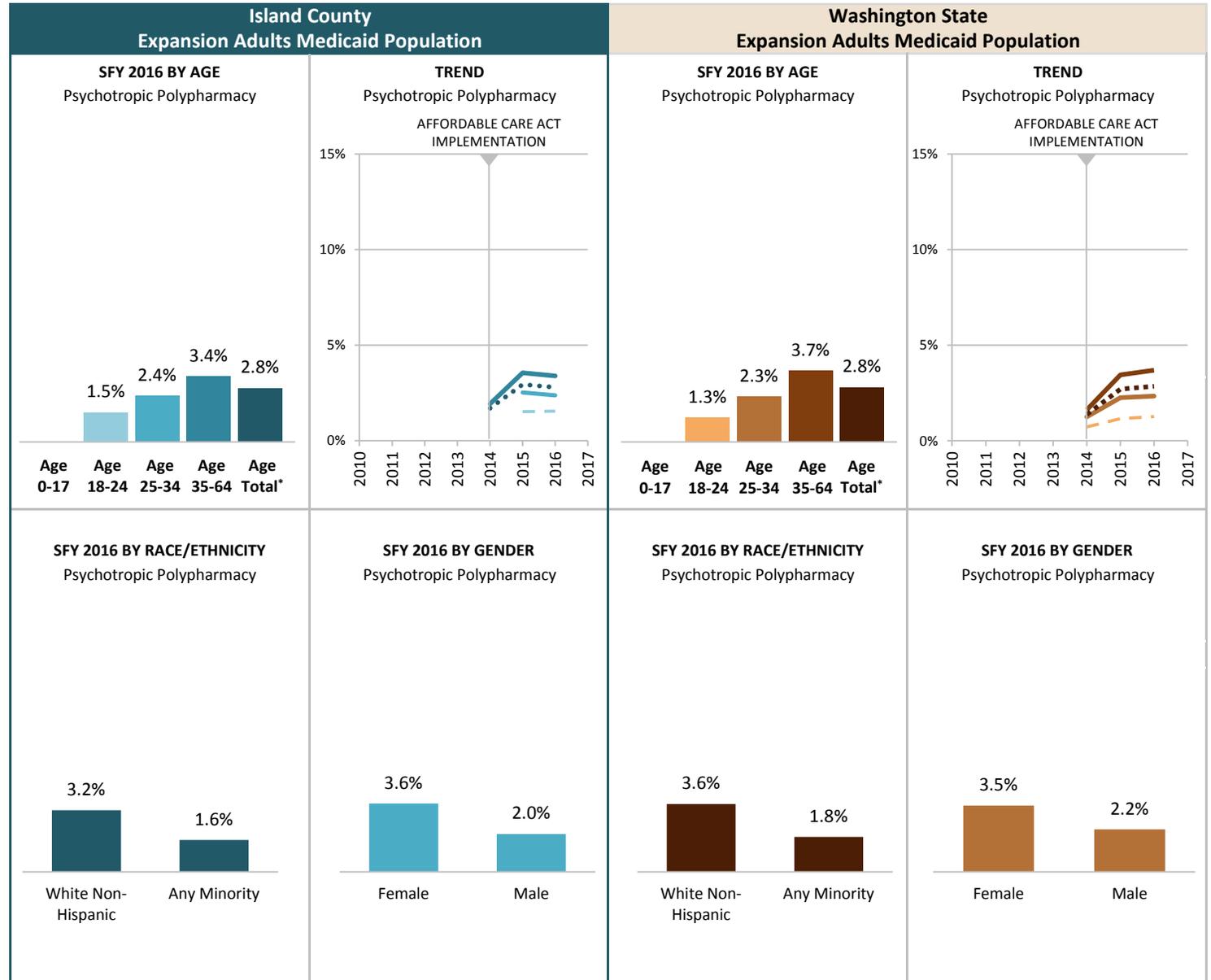
STATE:

- 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	Island County Expansion Adults Medicaid Population								Washington State Expansion Adults Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 18-24 w/psy. polypharm.						1.5%	1.5%						0.7%	1.2%	1.3%	
Persons w/psy. polypharm.						11	13						429	1,190	1,511	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/psy. polypharm.						2.5%	2.4%						1.3%	2.2%	2.3%	
Persons w/psy. polypharm.						32	36						1,283	3,989	4,780	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/psy. polypharm.					1.9%	3.5%	3.4%						1.6%	3.4%	3.7%	
Persons w/psy. polypharm.					31	90	97						3,210	10,908	12,721	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total† w/psy. polypharm.					1.7%	2.9%	2.8%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					46	133	146						4,922	16,087	19,012	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.													2.5%	4.1%	4.1%	
Persons w/psy. polypharm.													424	1,255	1,456	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/psy. polypharm.													0.5%	1.1%	1.1%	
Persons w/psy. polypharm.													169	523	589	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/psy. polypharm.													0.9%	1.9%	2.0%	
Persons w/psy. polypharm.													243	950	1,095	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/psy. polypharm.													0.7%	1.4%	1.3%	
Persons w/psy. polypharm.													77	279	313	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/psy. polypharm.													0.6%	1.4%	1.5%	
Persons w/psy. polypharm.													308	1,154	1,483	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/psy. polypharm.					2.0%	3.2%	3.2%						1.7%	3.4%	3.6%	
Persons w/psy. polypharm.					42	107	124						3,793	12,139	14,330	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/psych polypharm.						2.5%	1.6%						1%	2%	2%	
Persons w/psy. polypharm.						24	18						1,078	3,740	4,403	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/psy. polypharm.					1.7%	3.2%	3.6%						1.6%	3.3%	3.5%	
Persons w/psy. polypharm.					25	76	97						2,904	9,535	11,403	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/psy. polypharm.					1.7%	2.6%	2.0%						1.1%	2.1%	2.2%	
Persons w/psy. polypharm.					21	57	49						2,018	6,552	7,609	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	



Island County

Behavioral Health Treatment Needs and Outcomes

Psychotropic Polypharmacy

INDICATOR

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

COUNTY:

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

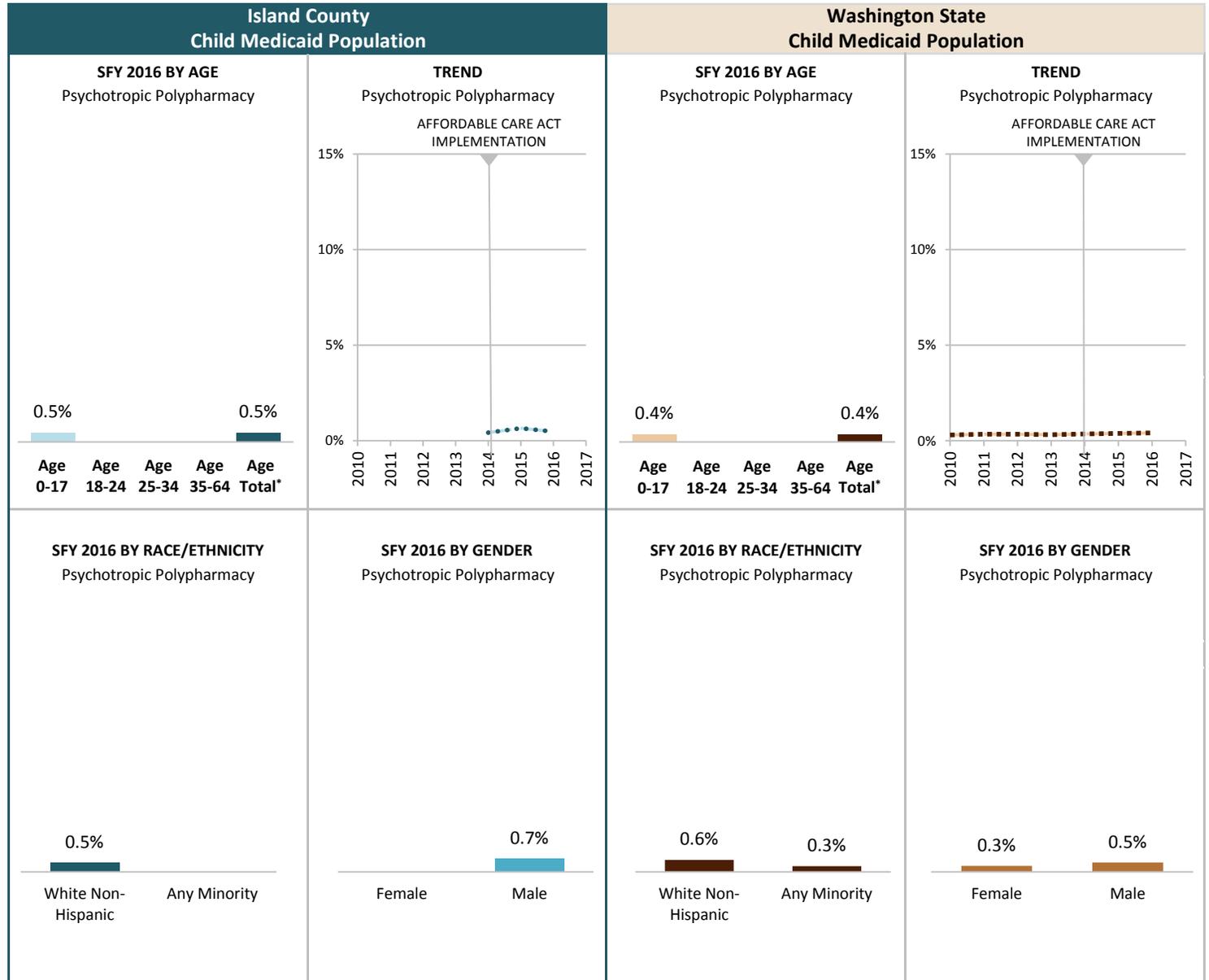
STATE:

- 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

STATE FISCAL YEAR	Island County Child Medicaid Population								Washington State Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.			0.3%		0.4%	0.7%	0.5%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.			12		17	28	22		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 25-34 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 35-64 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age Total† w/psy. polypharm.			0.3%		0.4%	0.7%	0.5%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.			12		17	28	22		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.									0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	
Persons w/psy. polypharm.									331	356	353	305	319	357	373	
Total persons	125	144	155	155	132	149	129		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/psy. polypharm.									0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	
Persons w/psy. polypharm.									55	65	56	56	58	75	80	
Total persons	175	172	173	192	212	206	212		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/psy. polypharm.									0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	
Persons w/psy. polypharm.									248	291	280	273	303	325	351	
Total persons	307	303	318	356	385	403	393		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/psy. polypharm.									0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.									45	42	37	54	57	60	59	
Total persons	215	208	213	227	242	244	269		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/psy. polypharm.									0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.									213	273	290	289	388	431	484	
Total persons	463	485	468	474	557	618	662		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/psy. polypharm.					0.6%	0.6%	0.5%		0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	
Persons w/psy. polypharm.					15	15	13		1,118	1,372	1,391	1,299	1,545	1,697	1,937	
Total persons	2,114	2,177	2,170	2,205	2,508	2,602	2,772		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/psych polypharm.						0.9%			0%	0%	0%	0%	0%	0%	0%	
Persons w/psy. polypharm.						12			732	863	837	797	937	1,053	1,134	
Total persons	1,032	1,052	1,089	1,148	1,268	1,358	1,407		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/psy. polypharm.									0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	
Persons w/psy. polypharm.									600	716	752	739	916	1,085	1,197	
Total persons	1,675	1,753	1,722	1,766	1,991	2,134	2,322		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/psy. polypharm.					0.5%	0.9%	0.7%		0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%	
Persons w/psy. polypharm.					11	20	16		1,257	1,532	1,481	1,363	1,576	1,690	1,897	
Total persons	1,762	1,769	1,810	1,867	2,083	2,164	2,319		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Psychotropic Polypharmacy Use Rates Among Medicaid-Children, by County

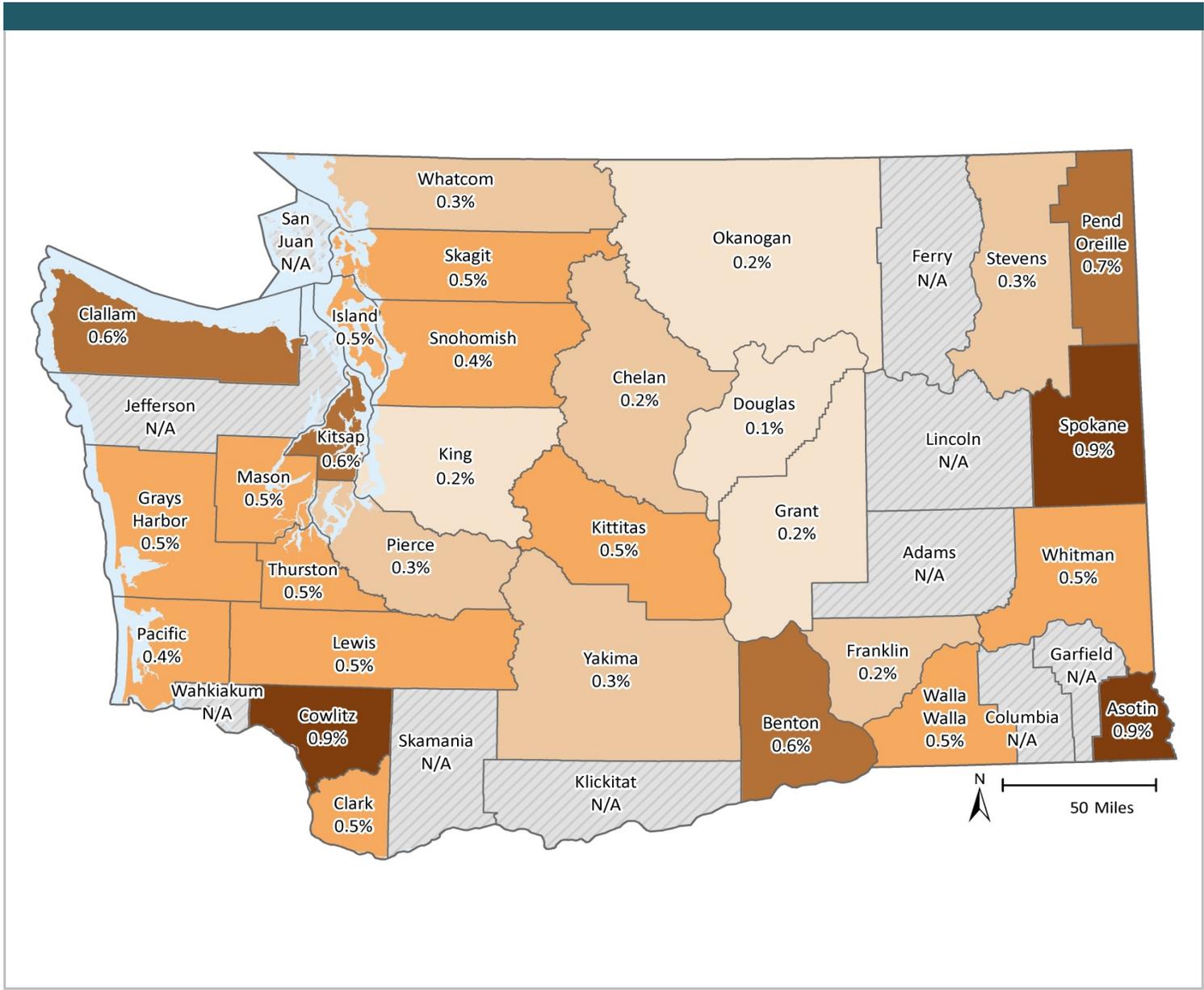
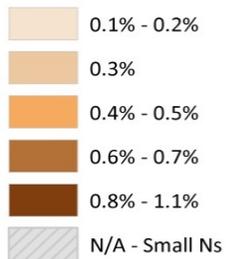
MARCH 2017

SFY 2016

INDICATOR

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

Percent of Medicaid-Children with Psychotropic Polypharmacy



SOURCE & POPULATION

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

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

Emergency Department Use Rate per 1000 Coverage Months

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

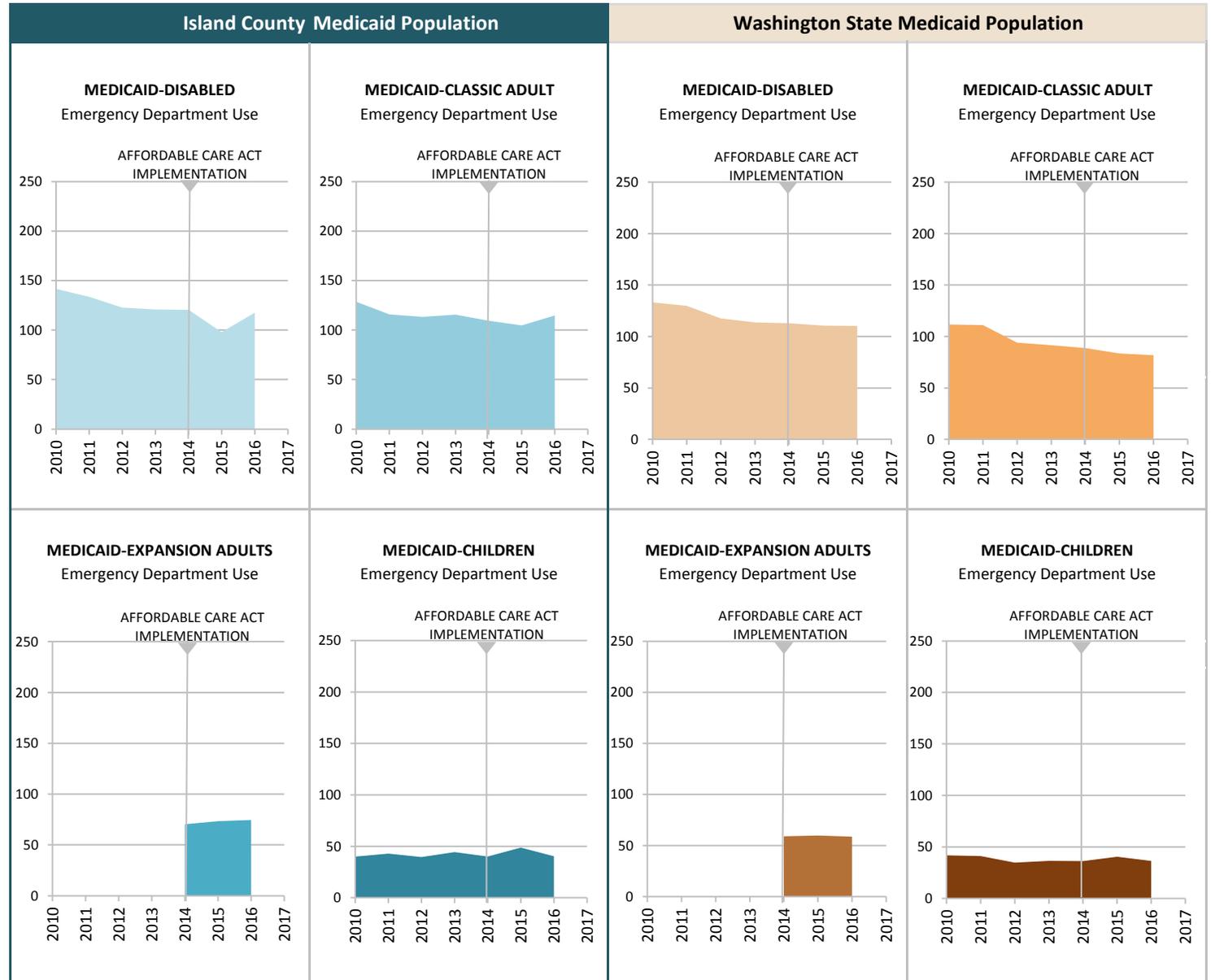
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Emergency Department Use

STATE FISCAL YEAR by Medicaid Sub-Population	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Med.-Disabled/ Rate per 1000	142	134	123	121	120	98	118		133	130	118	114	113	111	110	
SFY ED Use Count	1,066	1,122	1,030	1,116	1,146	733	880		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.753	0.840	0.840	0.924	0.951	0.749	0.749		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Med.-Classic Adults/ Rate per 1000	129	116	113	116	109	105	115		112	111	94	92	89	84	82	
SFY ED Use Count	1,153	1,151	1,123	1,202	1,279	1,538	1,656		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.897	0.994	0.991	1.040	1.169	1.469	1.443		149.10	158.95	157.58	155.57	180.00	212.12	202.81	
Med.-Expan. Adults/Rate per 1000					70	73	75						59	60	59	
SFY ED Use Count					960	3,065	3,715						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.364	4.178	4.982						182.153	552.945	642.446	
Med.-Children/Rate per 1000	40	43	40	44	40	49	40		42	41	35	36	36	40	36	
SFY ED Use Count	1,377	1,545	1,425	1,654	1,595	2,175	1,977		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.441	3.600	3.601	3.725	3.980	4.458	4.900		651.343	690.061	706.855	714.079	733.280	779.926	828.512	

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

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

Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

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

COUNTY:

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

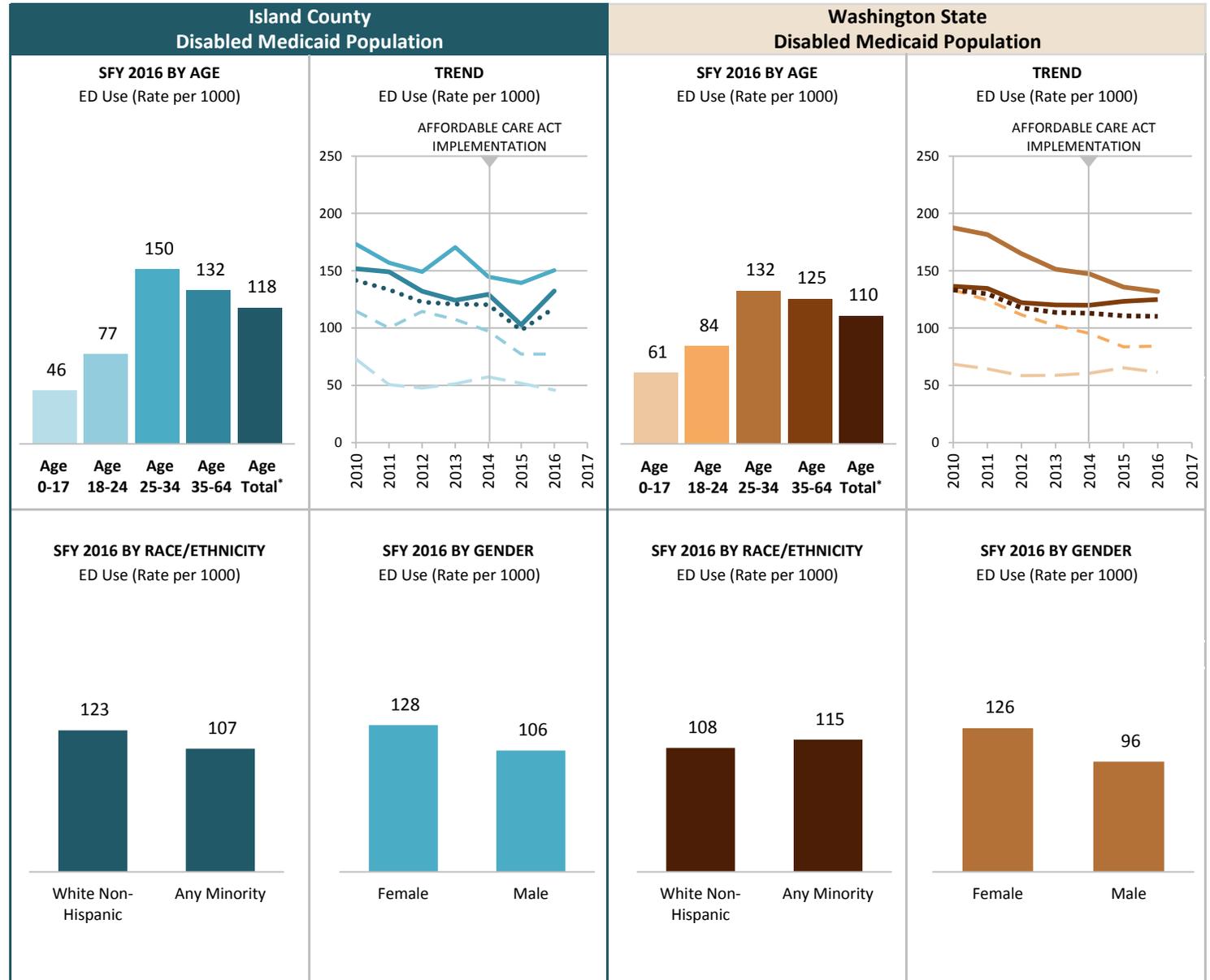
STATE:

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

SOURCE & POPULATION

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

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



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

STATE FISCAL YEAR	Island County								Washington State							
	Disabled Medicaid Population								Disabled Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 0-17 /ED Use Rate per 1000	73	51	48	51	57	52	46		69	64	59	59	61	65	61	
SFY ED Use Count	62	47	47	48	60	56	45		12,975	12,654	11,937	12,448	12,842	13,792	13,133	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.085	0.093	0.098	0.094	0.105	0.108	0.098		18.937	19.637	20.371	21.190	21.161	21.084	21.389	
Age 18-24 /ED Use Rate per 1000	115	100	115	107	97	77	77		133	125	112	102	95	83	84	
SFY ED Use Count	107	101	109	127	97	63	64		17,422	16,659	14,744	13,722	12,427	9,194	9,104	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.093	0.101	0.095	0.118	0.100	0.082	0.083		13.065	13.380	13.201	13.450	13.029	11.013	10.789	
Age 25-34 /ED Use Rate per 1000	173	157	149	171	145	139	150		187	182	165	151	147	136	132	
SFY ED Use Count	198	197	180	211	211	151	163		33,324	33,492	31,193	30,200	29,728	21,095	20,527	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.114	0.126	0.121	0.124	0.146	0.108	0.108		17.775	18.453	18.925	19.958	20.184	15.541	15.567	
Age 35-64/ED Use Rate per 1000	152	149	132	124	129	103	132		136	135	122	120	120	123	125	
SFY ED Use Count	699	777	694	730	778	463	608		109,901	111,873	104,948	107,989	108,603	84,219	83,771	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.460	0.521	0.525	0.588	0.602	0.451	0.459		80.579	83.100	85.964	89.946	90.555	68.348	67.022	
Age Total† /ED Use Rate per 1000	142	134	123	121	120	98	118		133	130	118	114	113	111	110	
SFY ED Use Count	1,066	1,122	1,030	1,116	1,146	733	880		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.753	0.840	0.840	0.924	0.951	0.749	0.749		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	148	166	140	172	214	79	123		183	181	165	157	160	159	156	
SFY ED Use Count	63	84	73	95	134	32	47		24,821	25,287	23,631	23,447	23,640	18,883	18,082	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.043	0.051	0.052	0.055	0.063	0.041	0.038		13.572	13.970	14.306	14.956	14.732	11.907	11.556	
Asian /ED Use Rate per 1000	142	67	38	35	52				68	67	63	68	68	67	64	
SFY ED Use Count	31	14	12	12	20				4,452	4,514	4,192	4,730	4,820	3,857	3,640	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.022	0.021	0.032	0.035	0.038	0.036	0.032		6.545	6.727	6.704	6.987	7.045	5.749	5.669	
Black /ED Use Rate per 1000	118	84	85	123	110	85	108		147	142	132	130	128	126	123	
SFY ED Use Count	44	36	41	72	70	47	60		24,717	25,092	24,462	25,470	25,469	20,347	20,037	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.037	0.043	0.048	0.058	0.064	0.055	0.056		16.788	17.638	18.591	19.653	19.892	16.202	16.247	
Hawaiian/PI /ED Use Rate per 1000	154	77	54	53		84	157		111	104	95	98	105	97	96	
SFY ED Use Count	26	15	12	12		20	36		3,063	3,127	2,933	3,294	3,715	2,847	2,843	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.017	0.020	0.022	0.023	0.026	0.024	0.023		2.750	2.999	3.086	3.356	3.529	2.925	2.955	
Hispanic /ED Use Rate per 1000	124	175	109	89	111	72	95		126	120	106	101	103	102	101	
SFY ED Use Count	54	81	48	51	67	44	63		15,803	16,322	15,347	15,708	16,342	13,989	13,998	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.043	0.046	0.044	0.058	0.060	0.061	0.067		12.563	13.557	14.478	15.532	15.863	13.724	13.858	
White Only /ED Use Rate per 1000	146	135	131	127	122	108	123		131	129	116	112	110	108	108	
SFY ED Use Count	864	878	835	888	857	581	662		107,286	107,648	98,997	98,865	97,337	74,448	73,664	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.591	0.649	0.638	0.697	0.703	0.538	0.536		81.700	83.497	85.150	88.160	88.215	69.086	68.022	
Any Minority /ED Use Rate per 1000	129	139	101	110	127	77	107		139	134	122	118	119	117	115	
SFY ED Use Count	191	237	183	228	283	144	205		65,496	66,206	62,848	64,390	65,209	52,950	51,778	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.148	0.170	0.182	0.207	0.224	0.188	0.191		47.224	49.415	51.498	54.391	54.694	45.106	44.831	
Population by Gender																
Females /ED Use Rate per 1000	175	162	148	138	146	115	128		149	146	131	126	125	126	126	
SFY ED Use Count	735	742	668	677	736	442	500		96,882	97,499	88,974	88,362	87,304	70,840	68,935	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.421	0.458	0.452	0.491	0.503	0.384	0.390		64.918	66.673	67.889	70.030	69.575	56.077	54.925	
Males /ED Use Rate per 1000	100	99	93	102	91	80	106		117	114	105	102	101	96	96	
SFY ED Use Count	331	380	362	439	410	291	380		76,740	77,179	73,848	75,997	76,296	57,460	57,600	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.332	0.382	0.388	0.432	0.449	0.365	0.358		65.437	67.897	70.571	74.513	75.354	59.910	59.843	

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

MARCH 2017

SFY 2016

INDICATOR

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

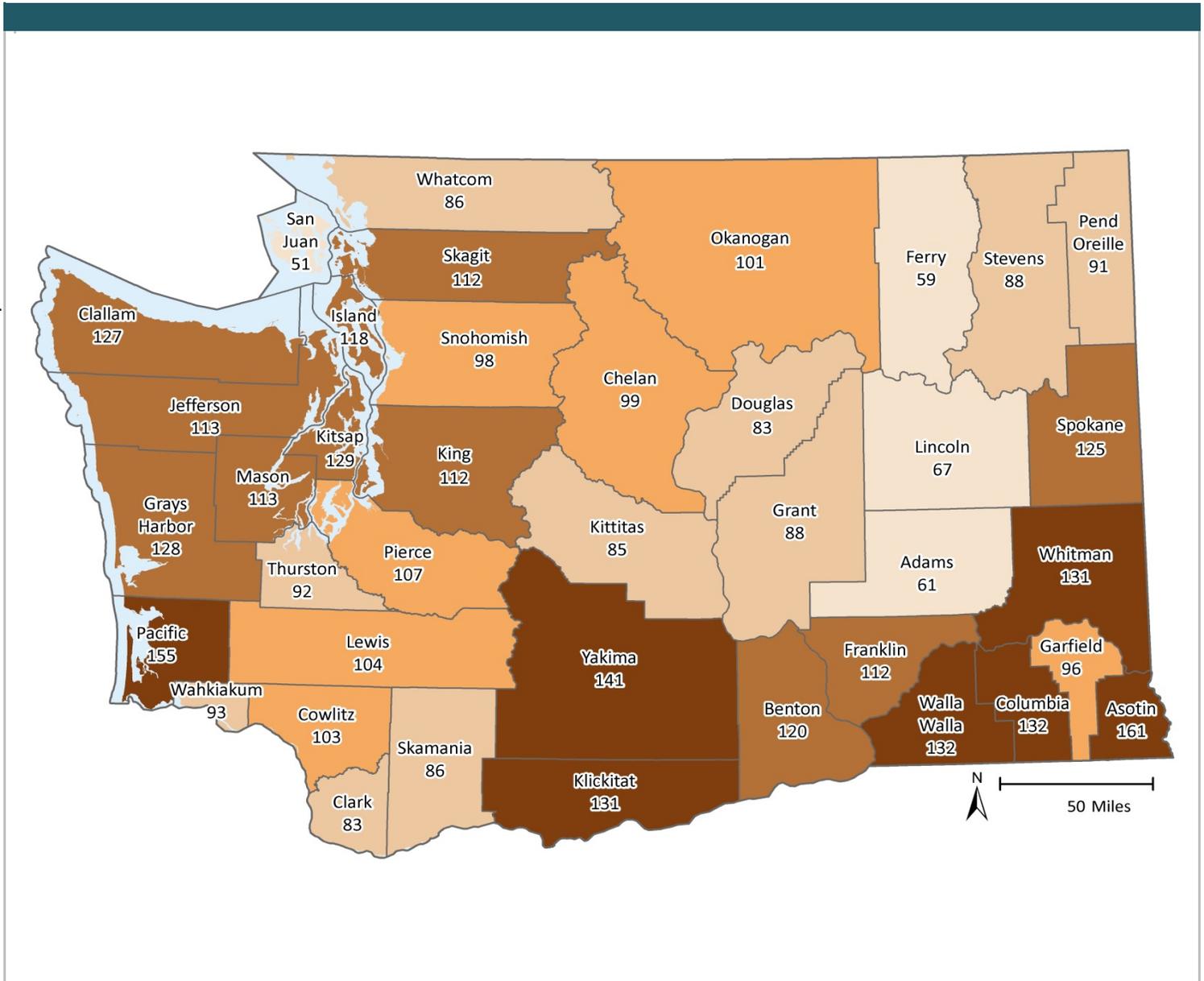
Rate of ED Use per 1000 coverage months for Medicaid-Disabled Youth and Adults



SOURCE & POPULATION

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

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



Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

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

COUNTY:

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

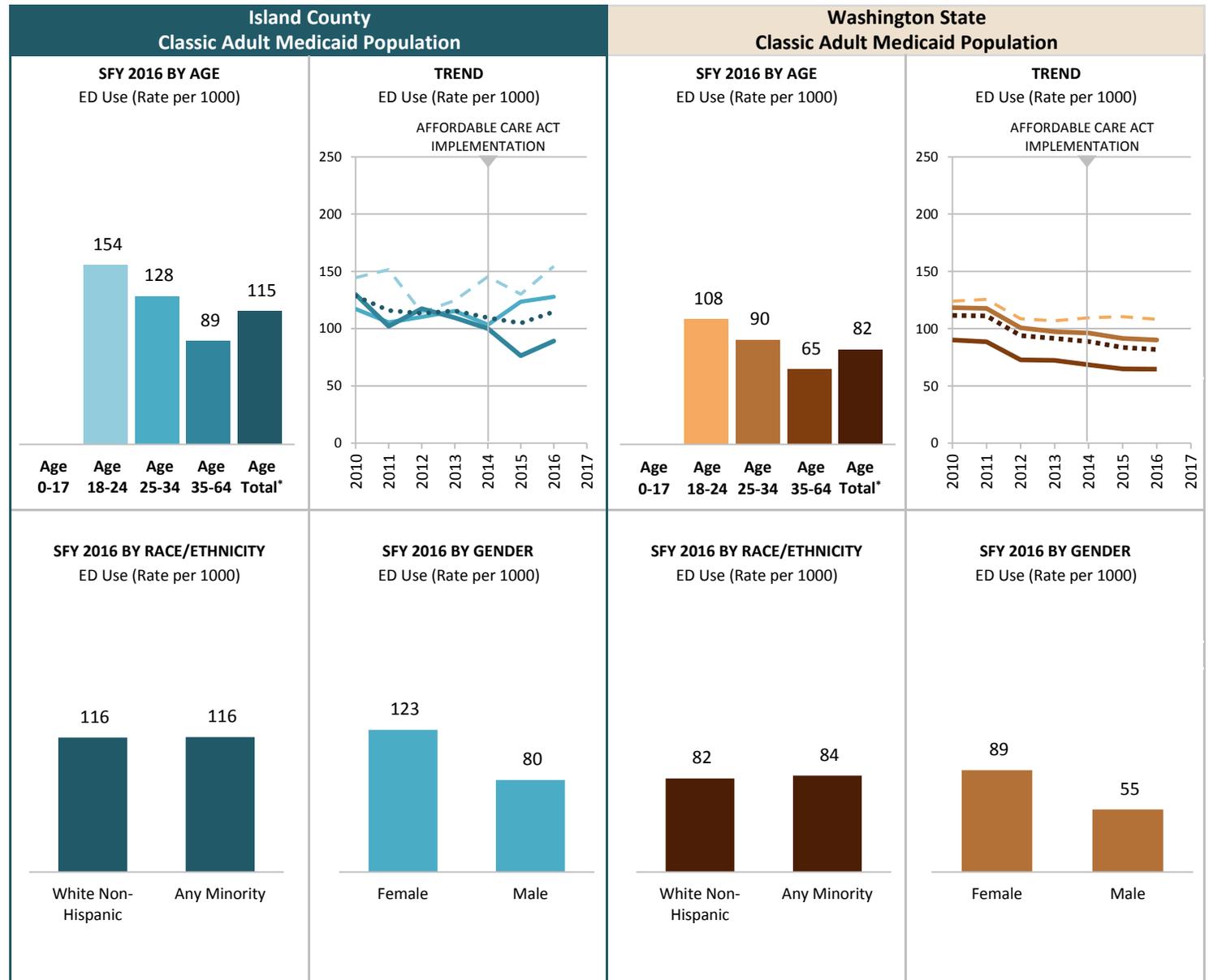
STATE:

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

SOURCE & POPULATION

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

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



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

STATE FISCAL YEAR	Island County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 18-24 /ED Use Rate per 1000	145	151	114	125	145	130	154		124	126	109	107	110	110	108	
SFY ED Use Count	360	373	259	283	297	253	298		53,310	54,426	44,192	40,203	39,862	37,483	31,868	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.249	0.246	0.227	0.227	0.204	0.194	0.193		43.018	43.340	40.649	37.636	36.365	33.922	29.474	
Age 25-34 /ED Use Rate per 1000	117	105	110	115	103	123	128		118	118	101	97	96	92	90	
SFY ED Use Count	450	476	515	547	522	817	801		73,885	79,814	68,104	65,952	74,519	82,712	78,140	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.384	0.452	0.467	0.474	0.505	0.662	0.627		62.472	67.822	67.654	67.713	77.421	90.340	86.684	
Age 35-64/ED Use Rate per 1000	130	102	118	110	100	76	89		90	89	73	72	69	65	65	
SFY ED Use Count	343	302	349	372	460	468	557		39,316	42,325	35,863	36,281	45,412	56,975	55,926	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.264	0.296	0.297	0.340	0.460	0.612	0.623		43.611	47.789	49.275	50.219	66.215	87.856	86.656	
Age Total† /ED Use Rate per 1000	129	116	113	116	109	105	115		112	111	94	92	89	84	82	
SFY ED Use Count	1,153	1,151	1,123	1,202	1,279	1,538	1,656		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.897	0.994	0.991	1.040	1.169	1.469	1.443		149.101	158.951	157.578	155.569	180.001	212.118	202.815	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	284	202	148	110	129	146	180		165	165	136	127	125	124	122	
SFY ED Use Count	122	103	81	57	59	94	112		22,079	22,734	18,331	16,777	17,671	18,813	17,927	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.043	0.051	0.055	0.052	0.046	0.065	0.062		13.414	13.767	13.515	13.187	14.121	15.222	14.640	
Asian /ED Use Rate per 1000	159	52	69	74	61	67	87		66	62	54	56	53	47	49	
SFY ED Use Count	50	21	30	31	38	48	62		4,515	4,756	4,415	4,588	5,585	6,362	6,227	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.032	0.040	0.044	0.042	0.062	0.072	0.071		6.860	7.714	8.167	8.189	10.483	13.478	12.825	
Black /ED Use Rate per 1000	104	121	122	137	157	159	146		116	117	104	103	102	101	97	
SFY ED Use Count	65	82	100	112	143	156	131		19,934	21,923	19,655	19,490	21,685	23,260	21,134	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.062	0.068	0.082	0.082	0.091	0.098	0.090		17.191	18.684	18.867	18.937	21.172	23.026	21.765	
Hawaiian/Pi /ED Use Rate per 1000	108	50	57	70	55	62	73		83	82	74	73	74	70	72	
SFY ED Use Count	47	22	28	38	35	52	65		4,137	4,590	4,404	4,550	5,689	6,726	6,559	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.044	0.044	0.049	0.054	0.064	0.084	0.089		4.988	5.567	5.955	6.259	7.657	9.596	9.168	
Hispanic /ED Use Rate per 1000	103	103	87	104	84	93	108		104	102	88	88	87	82	81	
SFY ED Use Count	67	74	76	109	105	162	192		22,967	24,388	21,702	21,643	26,514	31,656	29,555	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.065	0.072	0.087	0.105	0.125	0.175	0.179		22.024	24.021	24.692	24.641	30.556	38.680	36.393	
White Only /ED Use Rate per 1000	131	121	121	123	113	105	116		114	114	95	92	89	84	82	
SFY ED Use Count	856	874	838	886	906	1,048	1,133		99,871	105,336	86,413	82,027	90,588	98,566	92,103	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.652	0.722	0.690	0.722	0.804	0.999	0.979		87.403	92.363	90.486	88.935	101.355	117.547	112.552	
Any Minority /ED Use Rate per 1000	136	115	100	105	104	105	116		112	111	95	93	90	85	84	
SFY ED Use Count	282	267	264	298	342	444	479		64,720	69,112	59,962	58,657	67,429	76,264	71,284	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.208	0.231	0.264	0.284	0.330	0.422	0.412		57.623	62.111	63.150	62.938	74.584	89.324	84.561	
Population by Gender																
Females /ED Use Rate per 1000	136	122	122	126	122	113	123		119	120	102	99	97	91	89	
SFY ED Use Count	995	960	939	1,018	1,083	1,300	1,426		139,817	148,695	125,599	120,942	136,007	151,563	142,581	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.733	0.787	0.769	0.811	0.888	1.155	1.155		117.537	124.062	122.833	121.806	140.360	166.156	160.103	
Males /ED Use Rate per 1000	97	92	83	80	70	76	80		85	80	65	64	60	56	55	
SFY ED Use Count	158	191	184	184	196	238	230		26,694	27,870	22,560	21,494	23,786	25,607	23,353	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.164	0.207	0.222	0.229	0.280	0.314	0.288		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.

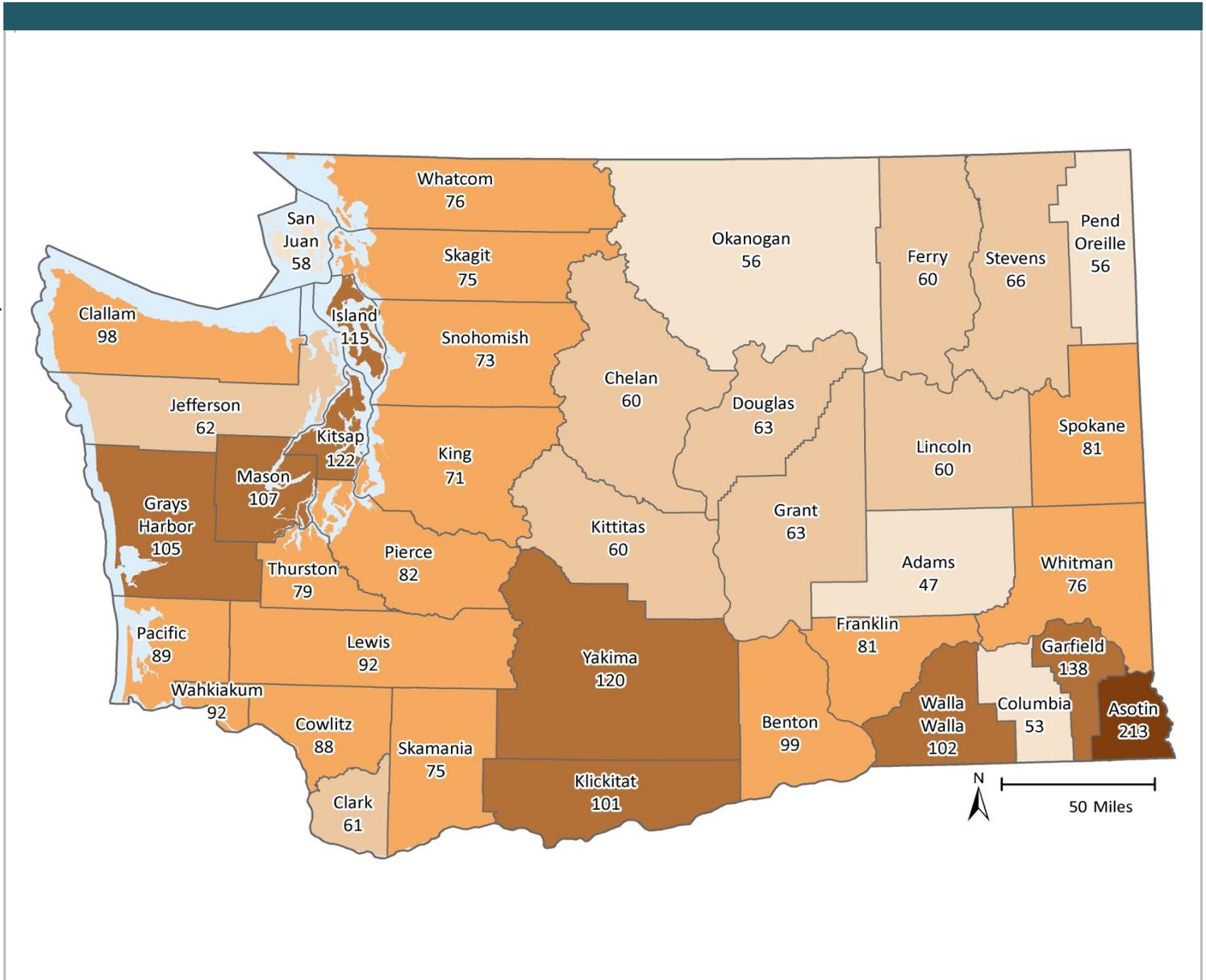
Rate of ED Use per 1000 coverage months for Medicaid-Classic Adults



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*

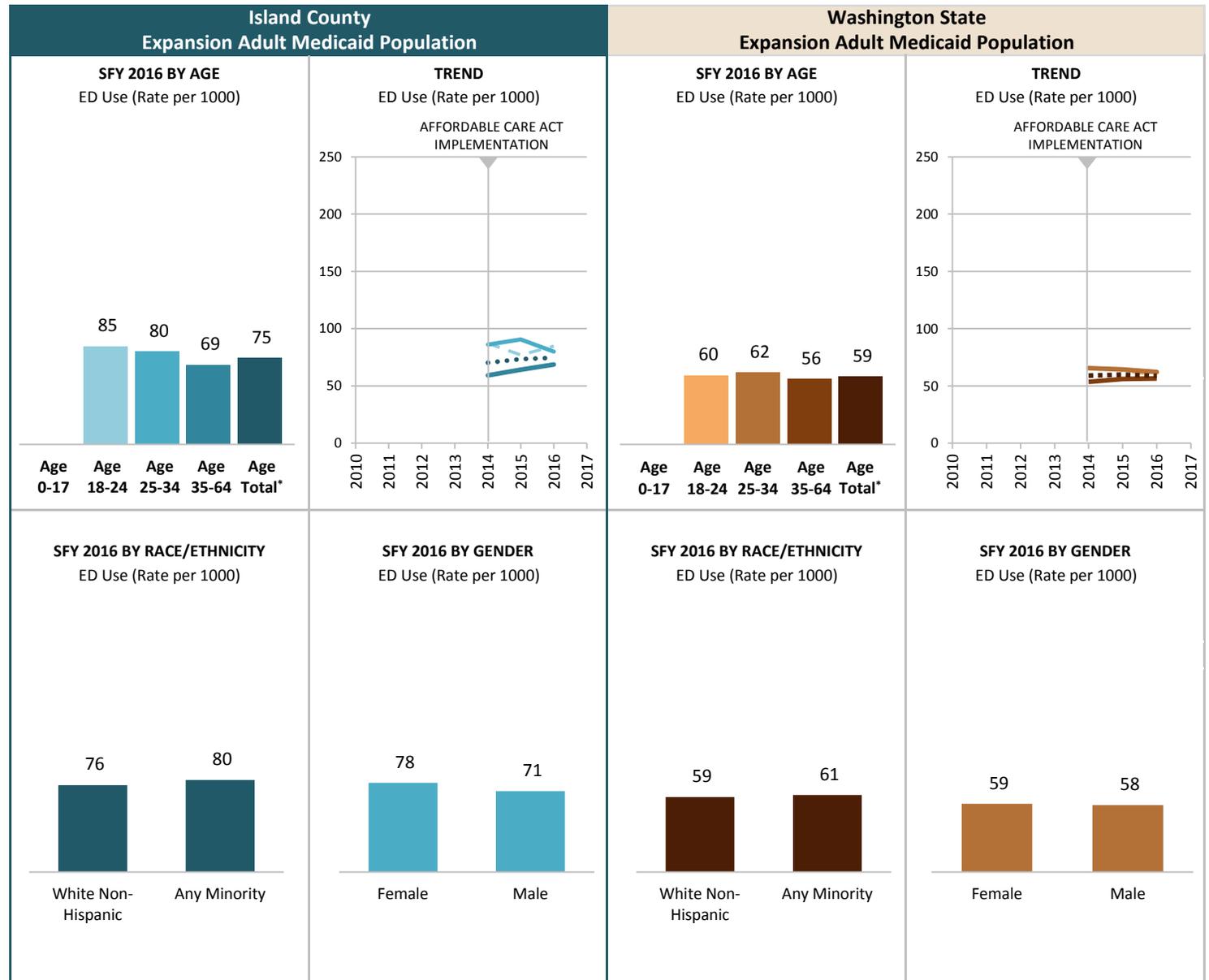
STATE:

- 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	Island County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 18-24 /ED Use Rate per 1000					87	77	85						66	64	60	
SFY ED Use Count					191	501	694						20,550	61,366	69,749	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.219	0.650	0.819						31.266	96.569	117.129	
Age 25-34 /ED Use Rate per 1000					86	91	80						66	64	62	
SFY ED Use Count					292	1,031	1,132						33,192	103,327	118,967	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.339	1.138	1.414						50.565	160.272	191.668	
Age 35-64/ED Use Rate per 1000					59	64	69						54	56	56	
SFY ED Use Count					477	1,533	1,889						53,779	165,906	188,193	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.806	2.390	2.750						100.322	296.104	333.649	
Age Total† /ED Use Rate per 1000					70	73	75						59	60	59	
SFY ED Use Count					960	3,065	3,715						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.364	4.178	4.982						182.153	552.945	642.446	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000					141	146	127						120	111	105	
SFY ED Use Count					49	202	194						10,352	32,134	37,051	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.035	0.139	0.152						8.651	29.005	35.387	
Asian /ED Use Rate per 1000					48	46	50						24	26	27	
SFY ED Use Count					26	84	98						4,054	11,623	13,321	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.055	0.181	0.196						16.913	45.279	49.274	
Black /ED Use Rate per 1000					125	111	90						84	82	80	
SFY ED Use Count					67	216	216						11,976	38,067	43,822	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.054	0.195	0.239						14.280	46.235	54.737	
Hawaiian/PI /ED Use Rate per 1000					75	68	62						50	50	50	
SFY ED Use Count					38	126	127						2,798	9,035	10,768	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.051	0.184	0.206						5.554	18.244	21.642	
Hispanic /ED Use Rate per 1000					72	83	87						53	56	57	
SFY ED Use Count					74	290	363						14,018	44,778	52,730	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.103	0.349	0.416						26.607	79.715	92.796	
White Only /ED Use Rate per 1000					71	73	76						61	61	59	
SFY ED Use Count					738	2,241	2,810						66,991	203,276	229,016	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.043	3.081	3.700						109.696	333.649	387.527	
Any Minority /ED Use Rate per 1000					82	85	80						59	61	61	
SFY ED Use Count					207	757	837						38,837	121,375	140,334	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.253	0.894	1.040						66.078	199.095	230.384	
Population by Gender																
Females /ED Use Rate per 1000					64	74	78						56	59	59	
SFY ED Use Count					461	1,668	2,033						51,163	162,681	187,907	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.725	2.240	2.605						90.984	274.642	317.371	
Males /ED Use Rate per 1000					78	72	71						62	60	58	
SFY ED Use Count					499	1,397	1,682						56,358	167,918	189,002	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.639	1.938	2.377						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.

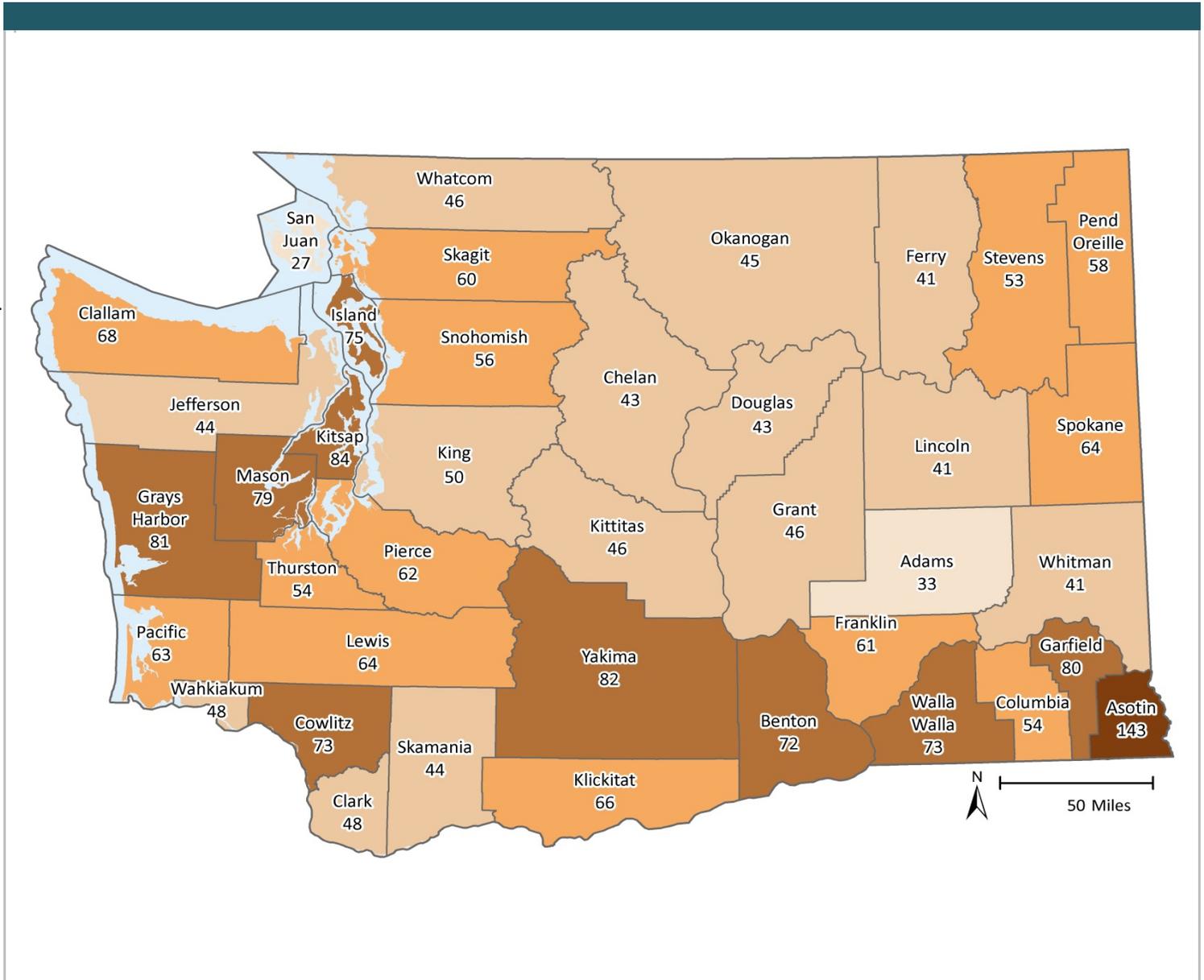
Rate of ED Use per 1000 coverage months for Medicaid-Expansion Adults



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.





Island 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*

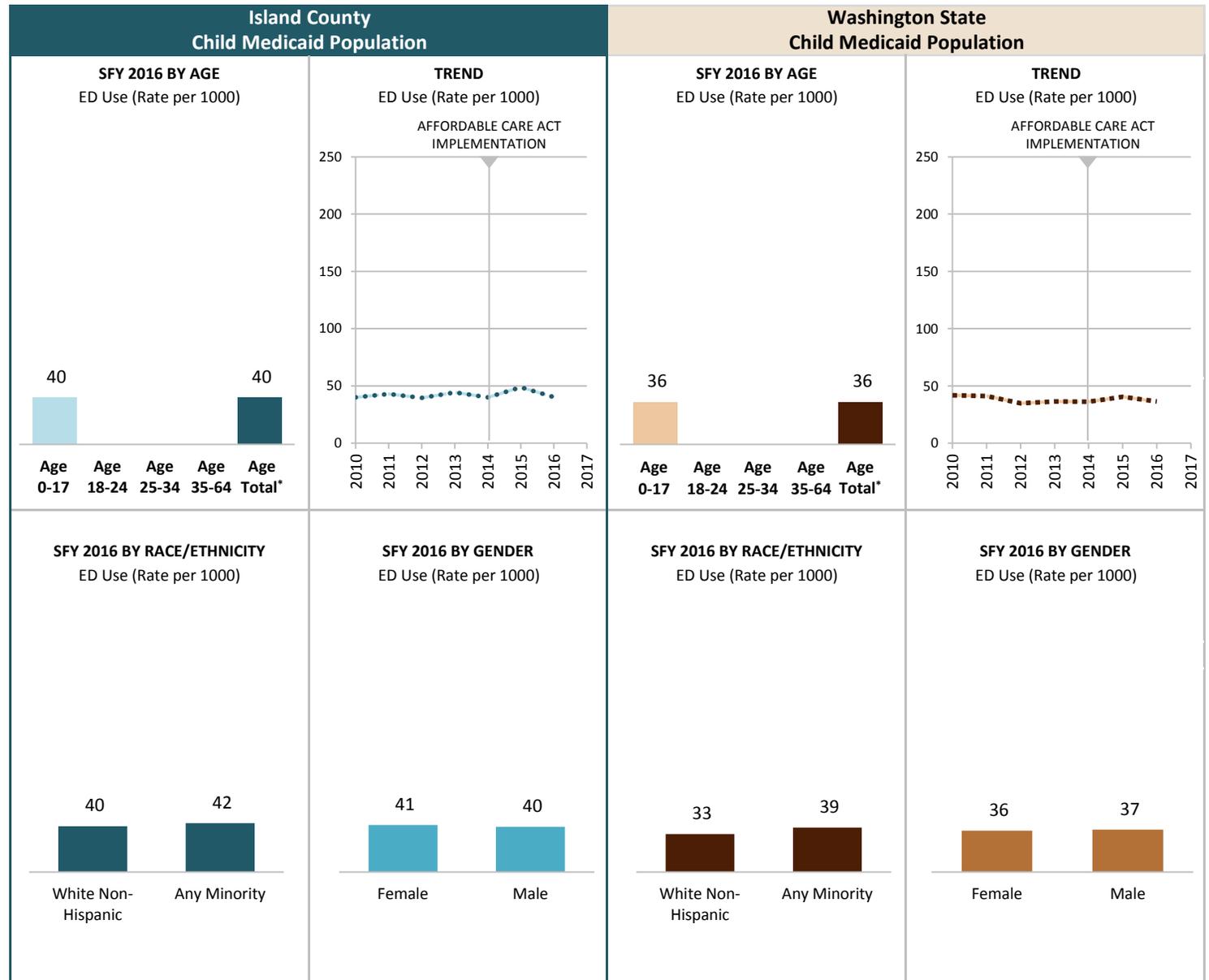
STATE:

- 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)

STATE FISCAL YEAR	Island County Child Medicaid Population								Washington State Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000	40	43	40	44	40	49	40		42	41	35	36	36	40	36	
SFY ED Use Count	1,377	1,545	1,425	1,654	1,595	2,175	1,977		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.441	3.600	3.601	3.725	3.980	4.458	4.900		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
Age 18-24 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 25-34 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 35-64/ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age Total† /ED Use Rate per 1000	40	43	40	44	40	49	40		42	41	35	36	36	40	36	
SFY ED Use Count	1,377	1,545	1,425	1,654	1,595	2,175	1,977		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.441	3.600	3.601	3.725	3.980	4.458	4.900		651.343	690.061	706.855	714.079	733.280	779.926	828.512	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000	53	43	43	56	46	62	47		55	53	47	48	47	51	45	
SFY ED Use Count	68	66	66	92	63	97	66		23,882	23,553	20,808	21,058	20,321	22,252	20,488	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.129	0.153	0.154	0.163	0.136	0.155	0.141		43.359	44.329	44.432	44.298	43.361	44.035	45.324	
Asian /ED Use Rate per 1000	47	43	26	32	33	35	35		24	24	22	23	23	26	23	
SFY ED Use Count	83	77	48	63	68	76	79		9,141	9,758	9,216	10,078	10,676	12,502	11,351	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.177	0.180	0.183	0.197	0.207	0.219	0.223		37.644	40.438	42.103	43.046	45.593	48.798	50.102	
Black /ED Use Rate per 1000	44	38	43	47	47	59	47		44	45	41	42	42	48	42	
SFY ED Use Count	139	119	143	172	175	247	200		30,340	32,237	29,994	31,888	32,276	37,684	34,629	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.317	0.317	0.330	0.369	0.373	0.419	0.423		68.256	71.559	73.599	75.120	76.416	79.215	82.682	
Hawaiian/PI /ED Use Rate per 1000	45	39	31	35	32	51	39		38	39	35	37	37	40	35	
SFY ED Use Count	93	82	70	81	78	132	109		9,394	10,613	10,095	11,170	11,597	13,556	12,804	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.207	0.212	0.226	0.235	0.247	0.258	0.279		24.736	27.264	29.251	30.458	31.623	34.004	36.909	
Hispanic /ED Use Rate per 1000	41	37	39	49	48	51	41		50	48	37	40	40	46	41	
SFY ED Use Count	196	189	191	247	267	332	290		101,976	103,169	83,227	89,981	91,993	110,792	103,864	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.482	0.512	0.489	0.500	0.562	0.647	0.709		204.069	215.795	222.440	226.878	231.589	243.291	255.104	
White Only /ED Use Rate per 1000	40	45	41	44	39	47	40		37	37	33	34	33	36	33	
SFY ED Use Count	862	997	909	1,011	955	1,277	1,175		100,941	106,304	94,823	97,153	99,593	115,320	110,411	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.151	2.239	2.227	2.276	2.438	2.702	2.960		273.089	286.326	290.593	289.951	297.587	316.154	331.518	
Any Minority /ED Use Rate per 1000	42	39	38	46	45	53	42		46	45	37	39	39	44	39	
SFY ED Use Count	443	433	425	547	574	757	636		156,665	160,107	135,882	146,020	148,434	176,403	164,441	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.044	1.097	1.128	1.196	1.263	1.420	1.503		339.312	358.217	368.889	375.759	384.207	403.690	422.961	
Population by Gender																
Females /ED Use Rate per 1000	42	44	39	43	42	49	41		41	40	34	36	36	40	36	
SFY ED Use Count	704	776	678	780	814	1,079	1,014		131,808	137,701	118,857	126,022	128,856	153,642	146,708	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.676	1.783	1.755	1.816	1.952	2.208	2.463		321.978	340.726	348.813	352.004	361.357	384.346	408.192	
Males /ED Use Rate per 1000	38	42	40	46	39	49	40		43	42	35	37	37	41	37	
SFY ED Use Count	673	769	747	874	781	1,096	963		140,586	146,046	126,946	134,345	136,881	161,937	154,962	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.766	1.817	1.846	1.910	2.028	2.251	2.437		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.

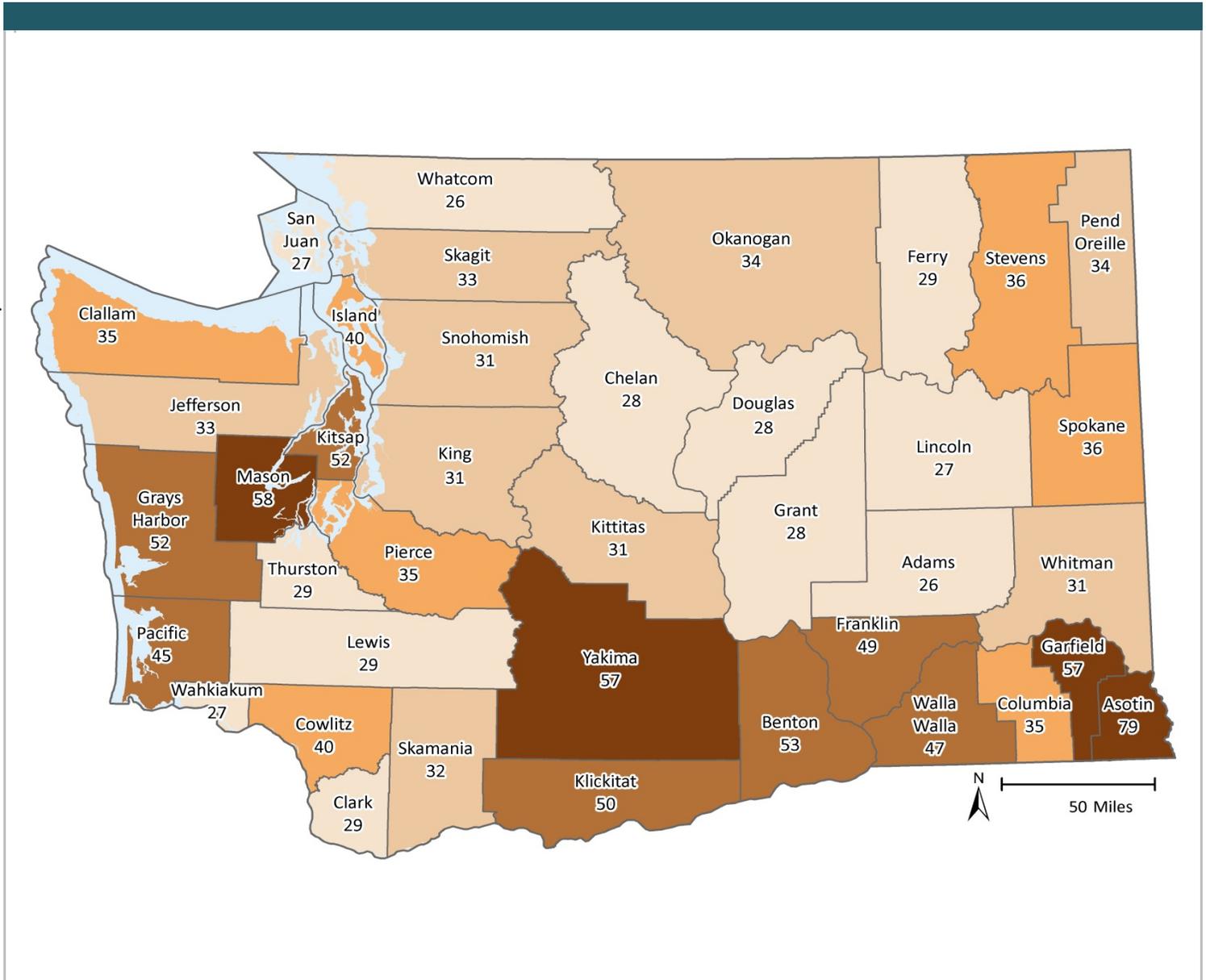
Rate of ED Use per 1000 coverage months for Medicaid-Children



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	Island County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	5.0%	4.6%	4.5%	5.0%	4.1%	2.6%	2.3%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	37	39	38	46	36	17	15		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	1.7%	2.8%	2.4%	2.4%	1.2%	0.8%	1.2%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	20	35	31	31	17	12	17		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					2.4%	2.7%	2.6%						5.2%	5.5%	5.3%	
Persons w/Homelessness					66	121	136						18,570	32,850	35,815	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Medicaid-Children	0.7%	0.7%	0.6%	0.6%	0.3%	0.3%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	23	24	20	22	11	14	18		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		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*

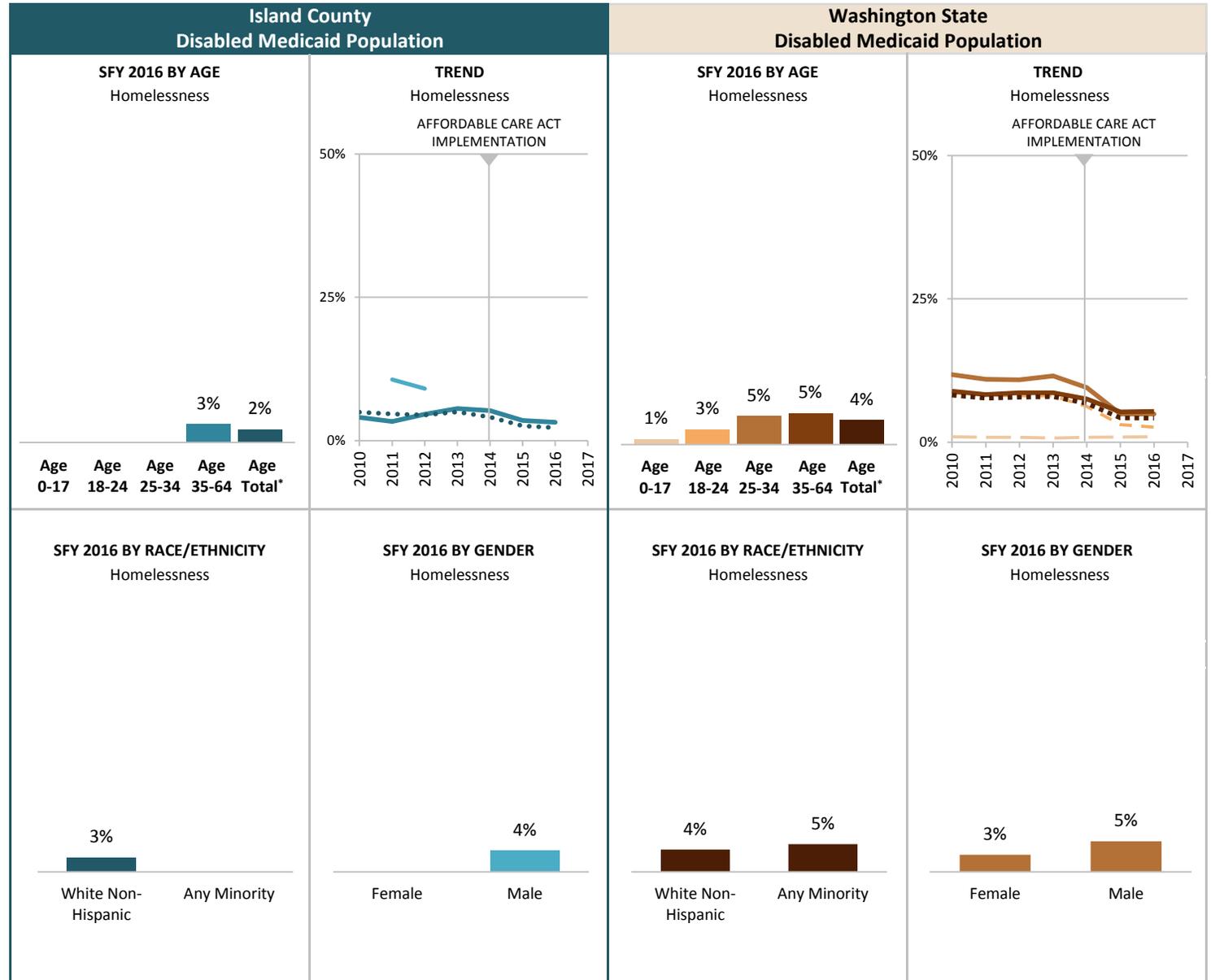
STATE:

- 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	Island County Disabled Medicaid Population								Washington State Medicaid Population Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness									1.0%	0.9%	0.9%	0.7%	0.9%	0.9%	0.9%	
Persons w/Homelessness									162	150	153	135	160	165	176	
Total persons	77	84	94	85	98	96	93		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Homelessness									8.6%	8.2%	8.1%	8.1%	6.2%	3.1%	2.6%	
Persons w/Homelessness									1,070	1,031	1,018	1,031	742	299	252	
Total persons	91	97	91	114	92	74	72		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Homelessness		10.7%	9.1%						11.8%	11.0%	10.9%	11.5%	9.5%	4.9%	4.9%	
Persons w/Homelessness		13	11						1,998	1,918	2,000	2,237	1,757	670	670	
Total persons	110	122	121	116	132	94	92		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Homelessness	4.1%	3.3%	4.6%	5.6%	5.2%	3.5%	3.2%		8.9%	8.3%	8.6%	8.6%	7.6%	5.3%	5.4%	
Persons w/Homelessness	19	18	25	34	29	14	13		7,021	6,766	7,382	7,732	6,336	3,210	3,180	
Total persons	468	539	545	606	554	398	403		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Homelessness	5.0%	4.6%	4.5%	5.0%	4.1%	2.6%	2.3%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	37	39	38	46	36	17	15		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	746	842	851	921	876	662	660		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Homelessness									11.8%	10.9%	10.8%	10.5%	8.6%	5.9%	6.1%	
Persons w/Homelessness									1,498	1,411	1,449	1,474	1,139	614	620	
Total persons	39	47	54	55	58	34	33		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Homelessness									4.9%	4.7%	4.9%	5.2%	4.5%	2.6%	2.4%	
Persons w/Homelessness									301	294	315	352	288	132	122	
Total persons	23	22	30	34	36	31	28		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Homelessness									16.2%	15.1%	14.6%	14.3%	12.1%	7.5%	7.2%	
Persons w/Homelessness									2,554	2,495	2,574	2,653	2,189	1,073	1,032	
Total persons	36	43	51	61	58	47	49		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Homelessness									6.5%	6.1%	6.6%	7.1%	6.0%	3.2%	2.6%	
Persons w/Homelessness									174	176	200	232	194	84	69	
Total persons	19	21	22	23	26	20	20		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Homelessness									6.0%	5.7%	5.8%	5.7%	4.6%	3.0%	2.9%	
Persons w/Homelessness									714	731	806	851	663	359	351	
Total persons	42	49	48	56	56	52	58		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Homelessness	4.4%	4.0%	4.4%	5.5%	4.2%	2.7%	2.5%		7.0%	6.7%	6.9%	7.1%	6.1%	3.8%	3.9%	
Persons w/Homelessness	26	26	28	38	27	13	12		5,533	5,323	5,752	6,158	4,973	2,340	2,341	
Total persons	587	647	641	695	644	477	474		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Homelessness	7.6%	7.5%							10.4%	9.7%	9.7%	9.5%	8.0%	4.9%	4.8%	
Persons w/Homelessness	11	13							4,648	4,492	4,746	4,908	3,956	1,967	1,906	
Total persons	144	173	187	204	208	160	166		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Homelessness		2.6%	3.5%	3.5%					5.2%	4.9%	5.1%	5.2%	4.4%	3.0%	3.0%	
Persons w/Homelessness		12	16	17					3,220	3,083	3,313	3,523	2,786	1,503	1,447	
Total persons	411	455	462	488	464	342	339		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Homelessness	8.1%	7.0%	5.7%	6.7%	6.3%	3.4%	3.7%		11.1%	10.4%	10.5%	10.5%	9.0%	5.4%	5.4%	
Persons w/Homelessness	27	27	22	29	26	11	12		7,031	6,782	7,240	7,612	6,209	2,841	2,831	
Total persons	335	387	389	433	412	320	321		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Homelessness Rates

Among Medicaid-Disabled Youth and Adults, by County

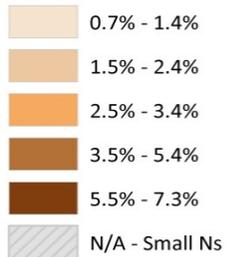
MARCH 2017

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.

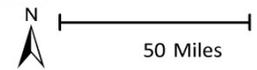
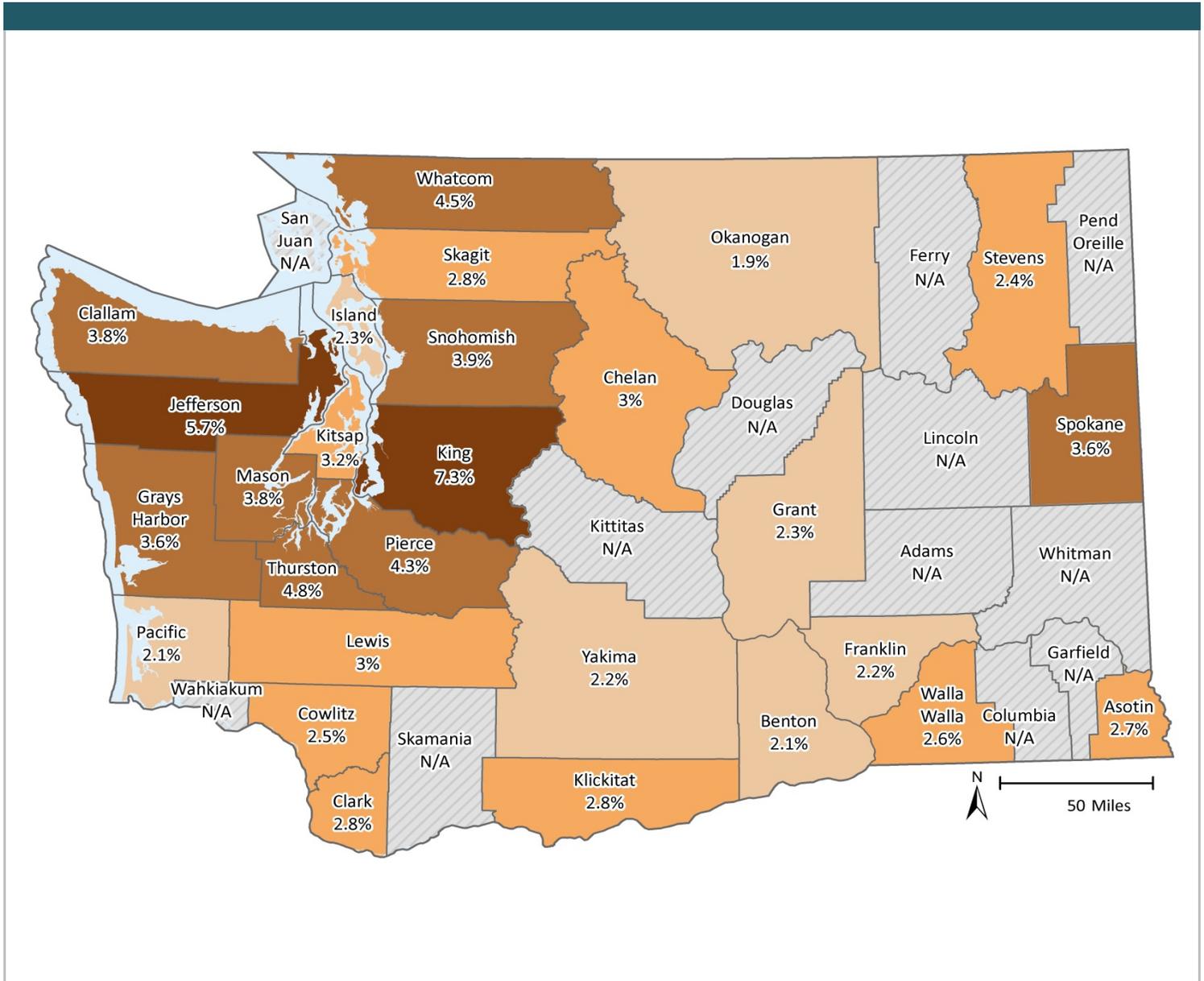
Percent of Medicaid-Disabled Youth and Adults with Homelessness



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*

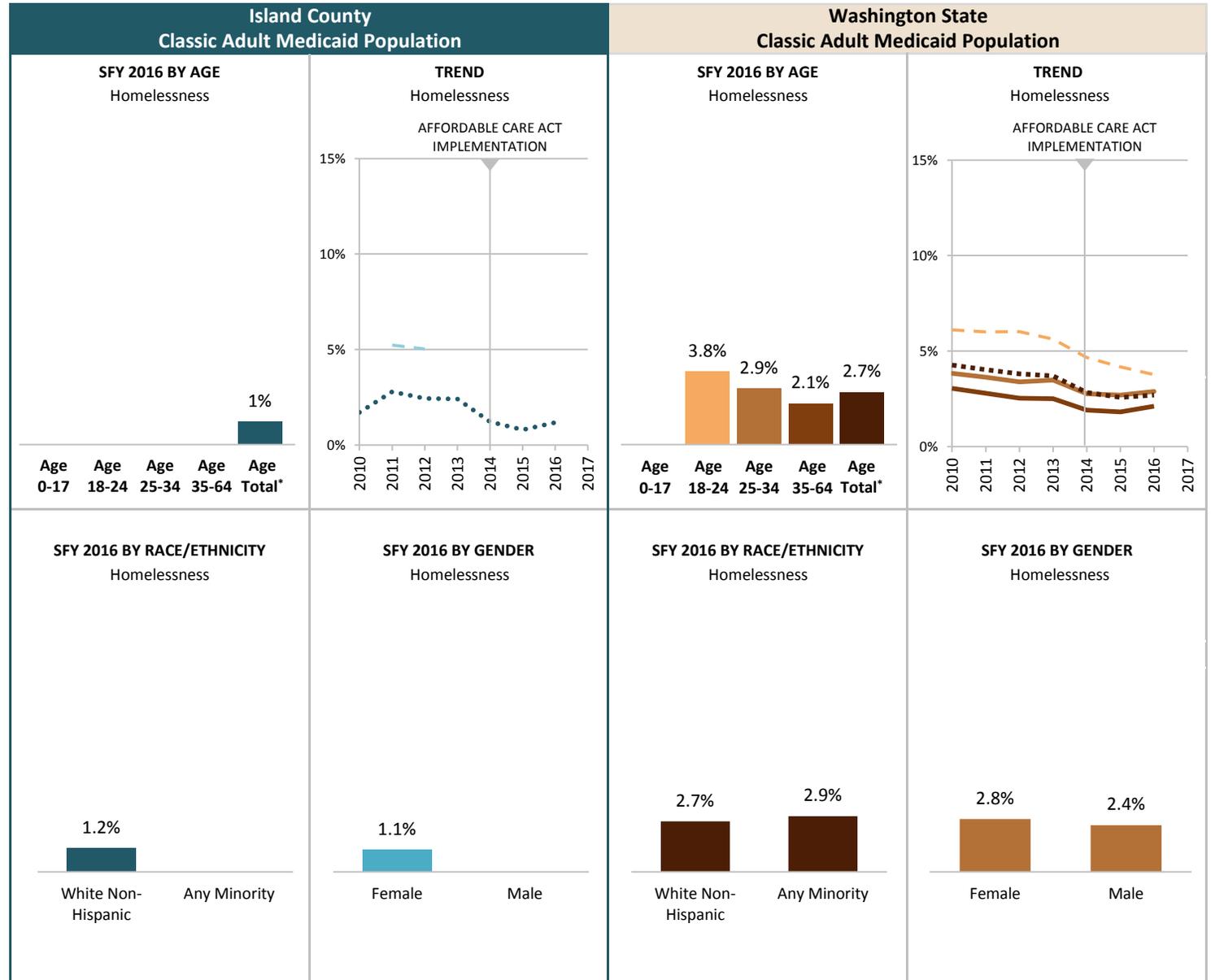
STATE:

- 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	Island County Classic Adult Medicaid Population								Washington State Medicaid Population Classic Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness		5.2%	5.0%						6.1%	6.0%	6.0%	5.6%	4.7%	4.2%	3.8%	
Persons w/Homelessness		17	15						3,283	3,200	3,031	2,635	1,962	1,451	1,127	
Total persons	331	325	298	295	238	211	200		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Homelessness		1.9%		2.1%					3.8%	3.6%	3.4%	3.5%	2.8%	2.7%	2.9%	
Persons w/Homelessness		11		12					3,049	3,082	2,894	2,965	2,487	2,464	2,526	
Total persons	507	572	610	583	609	676	638		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Homelessness									3.1%	2.8%	2.5%	2.5%	1.9%	1.8%	2.1%	
Persons w/Homelessness									1,653	1,629	1,522	1,522	1,475	1,579	1,811	
Total persons	333	356	361	405	549	597	601		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Homelessness	1.7%	2.8%	2.4%	2.4%	1.2%	0.8%	1.2%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	20	35	31	31	17	12	17		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	1,171	1,253	1,269	1,283	1,396	1,484	1,439		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Homelessness									7.0%	6.7%	6.5%	6.1%	5.0%	5.0%	5.2%	
Persons w/Homelessness									1,102	1,082	1,027	950	769	742	711	
Total persons	53	63	66	58	57	60	55		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Homelessness									3.1%	3.0%	2.8%	2.6%	1.9%	1.5%	1.6%	
Persons w/Homelessness									274	293	294	275	249	210	216	
Total persons	46	57	56	53	76	70	75		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Homelessness									8.6%	7.5%	7.1%	6.6%	5.5%	5.3%	5.3%	
Persons w/Homelessness									1,764	1,648	1,587	1,491	1,272	1,199	1,124	
Total persons	81	87	94	100	103	97	90		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Homelessness									4.1%	3.9%	3.8%	3.2%	2.6%	2.4%	2.9%	
Persons w/Homelessness									272	281	294	256	238	239	278	
Total persons	60	61	62	70	82	85	95		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Homelessness									3.2%	2.9%	2.8%	2.7%	1.8%	1.8%	1.8%	
Persons w/Homelessness									895	876	882	836	674	683	646	
Total persons	93	89	116	134	160	178	177		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Homelessness	1.8%	2.7%	2.6%	2.4%	1.2%		1.2%		3.9%	3.8%	3.5%	3.5%	2.8%	2.5%	2.7%	
Persons w/Homelessness	15	24	23	21	11		12		4,235	4,269	3,934	3,874	3,209	2,927	2,952	
Total persons	830	895	875	883	946	1,014	970		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Homelessness		3.7%							5.1%	4.7%	4.4%	4.1%	3.1%	2.8%	2.9%	
Persons w/Homelessness		11							3,653	3,553	3,441	3,195	2,679	2,531	2,482	
Total persons	278	298	332	352	406	421	415		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Homelessness	1.4%	2.4%	2.2%	2.2%			1.1%		4.1%	3.8%	3.6%	3.5%	2.8%	2.7%	2.8%	
Persons w/Homelessness	13	24	22	22			13		5,894	5,785	5,485	5,290	4,512	4,436	4,396	
Total persons	936	993	987	1,000	1,060	1,165	1,143		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Homelessness		4.2%							5.0%	4.7%	4.4%	4.2%	2.9%	2.2%	2.4%	
Persons w/Homelessness		11							2,091	2,126	1,962	1,832	1,412	1,058	1,068	
Total persons	235	260	282	283	336	319	296		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Homelessness Rates Among Medicaid-Classic Adults, by County

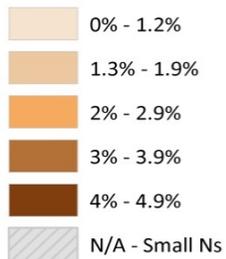
MARCH 2017

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.

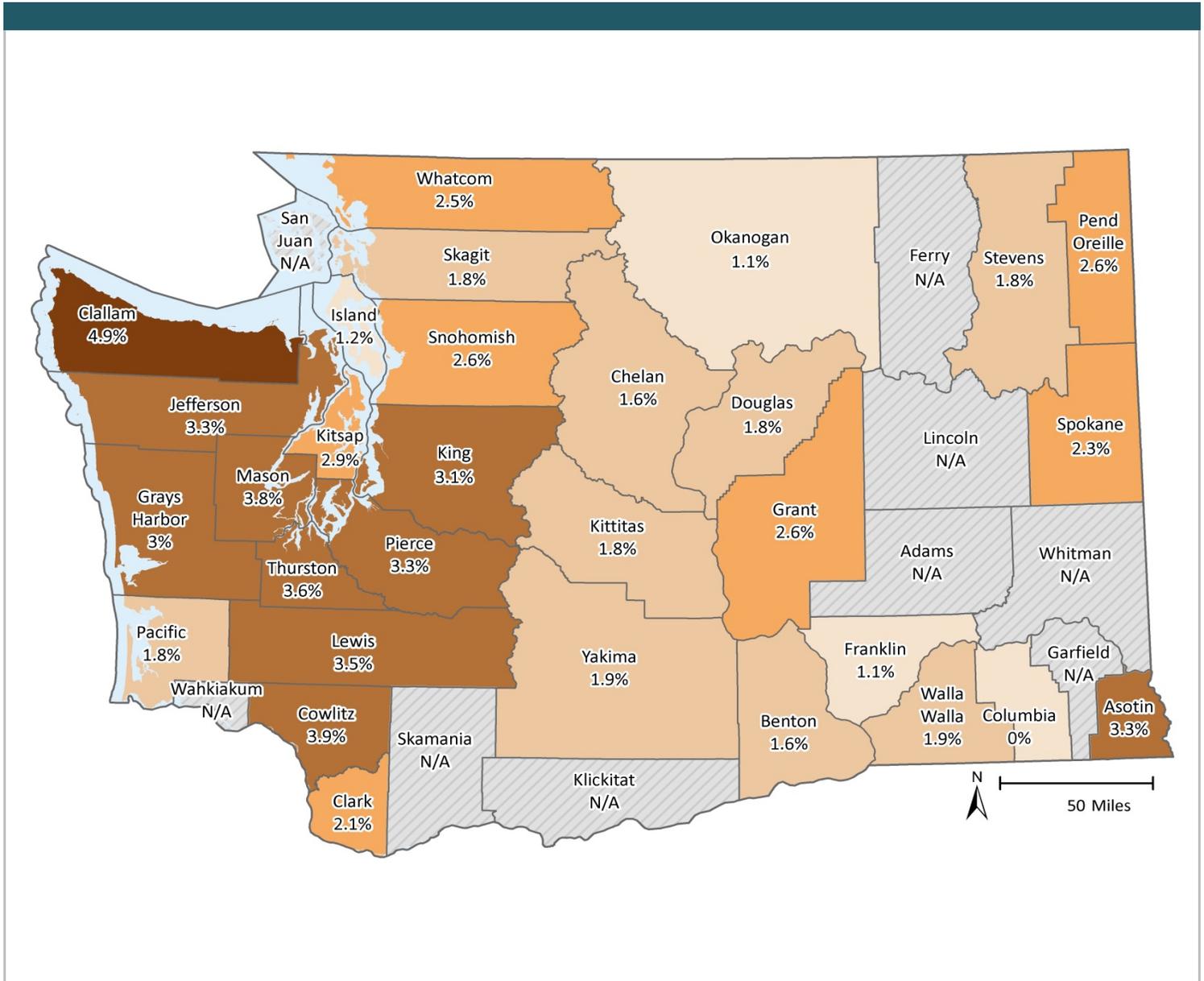
Percent of Medicaid-Classic Adults with Homelessness



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*

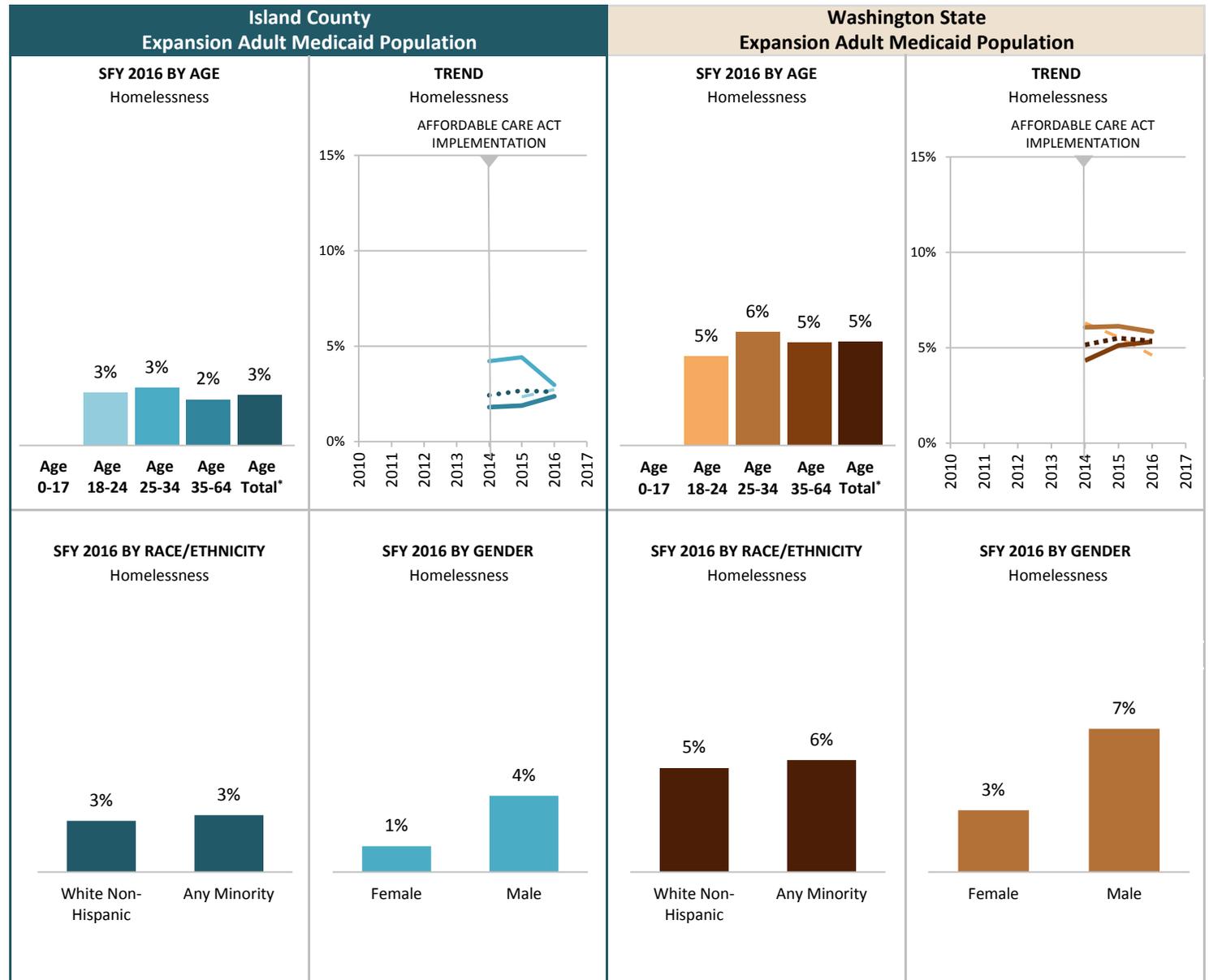
STATE:

- 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	Island County Expansion Adult Medicaid Population								Washington State Medicaid Population Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness						2.3%	2.7%						6.3%	5.6%	4.6%	
Persons w/Homelessness						17	23						3,773	5,743	5,513	
Total persons					424	724	843						59,852	103,457	119,804	
Age 25-34 w/Homelessness					4.2%	4.4%	3.0%						6.1%	6.1%	5.8%	
Persons w/Homelessness					29	56	45						6,217	10,847	11,965	
Total persons					689	1,268	1,516						102,393	177,330	204,738	
Age 35-64 w/Homelessness					1.8%	1.9%	2.4%						4.3%	5.1%	5.3%	
Persons w/Homelessness					29	48	68						8,580	16,260	18,337	
Total persons					1,609	2,540	2,863						198,262	317,159	345,171	
Age Total¹ w/Homelessness					2.4%	2.7%	2.6%						5.2%	5.5%	5.3%	
Persons w/Homelessness					66	121	136						18,570	32,850	35,815	
Total persons					2,722	4,532	5,222						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Homelessness						11.3%	7.7%						12.2%	12.2%	11.4%	
Persons w/Homelessness						16	12						2,051	3,694	4,036	
Total persons					73	141	155						16,783	30,399	35,266	
Asian w/Homelessness													1.8%	2.2%	2.3%	
Persons w/Homelessness													603	1,076	1,179	
Total persons					109	201	210						32,924	48,483	51,833	
Black w/Homelessness													12.1%	12.3%	10.9%	
Persons w/Homelessness													3,422	6,039	6,113	
Total persons					109	212	240						28,284	49,017	56,142	
Hawaiian/PI w/Homelessness													4.2%	4.5%	4.3%	
Persons w/Homelessness													485	910	1,009	
Total persons					108	200	225						11,451	20,416	23,467	
Hispanic w/Homelessness						4.3%	3.6%						3.4%	3.8%	3.7%	
Persons w/Homelessness						16	16						1,765	3,189	3,556	
Total persons					206	371	444						52,399	84,681	96,834	
White Only w/Homelessness					2.5%	2.5%	2.6%						5.1%	5.4%	5.4%	
Persons w/Homelessness					51	83	102						11,159	19,614	21,643	
Total persons					2,063	3,342	3,868						216,846	361,260	402,225	
Any Minority w/Homelessness					2.7%	3.9%	2.9%						5.6%	6.1%	5.8%	
Persons w/Homelessness					14	37	32						7,289	12,988	13,857	
Total persons					515	961	1,092						130,167	212,403	239,488	
Population by Gender																
Females w/Homelessness					1.2%	1.6%	1.4%						2.9%	3.2%	3.2%	
Persons w/Homelessness					18	39	37						5,268	9,395	10,502	
Total persons					1,459	2,364	2,728						179,152	292,424	328,130	
Males w/Homelessness					3.8%	3.8%	4.0%						7.3%	7.7%	7.4%	
Persons w/Homelessness					48	82	99						13,302	23,455	25,313	
Total persons					1,263	2,168	2,494						181,355	305,522	341,583	

Homelessness Rates Among Medicaid-Expansion Adults, by County

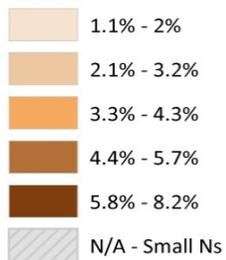
MARCH 2017

SFY 2016

INDICATOR

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

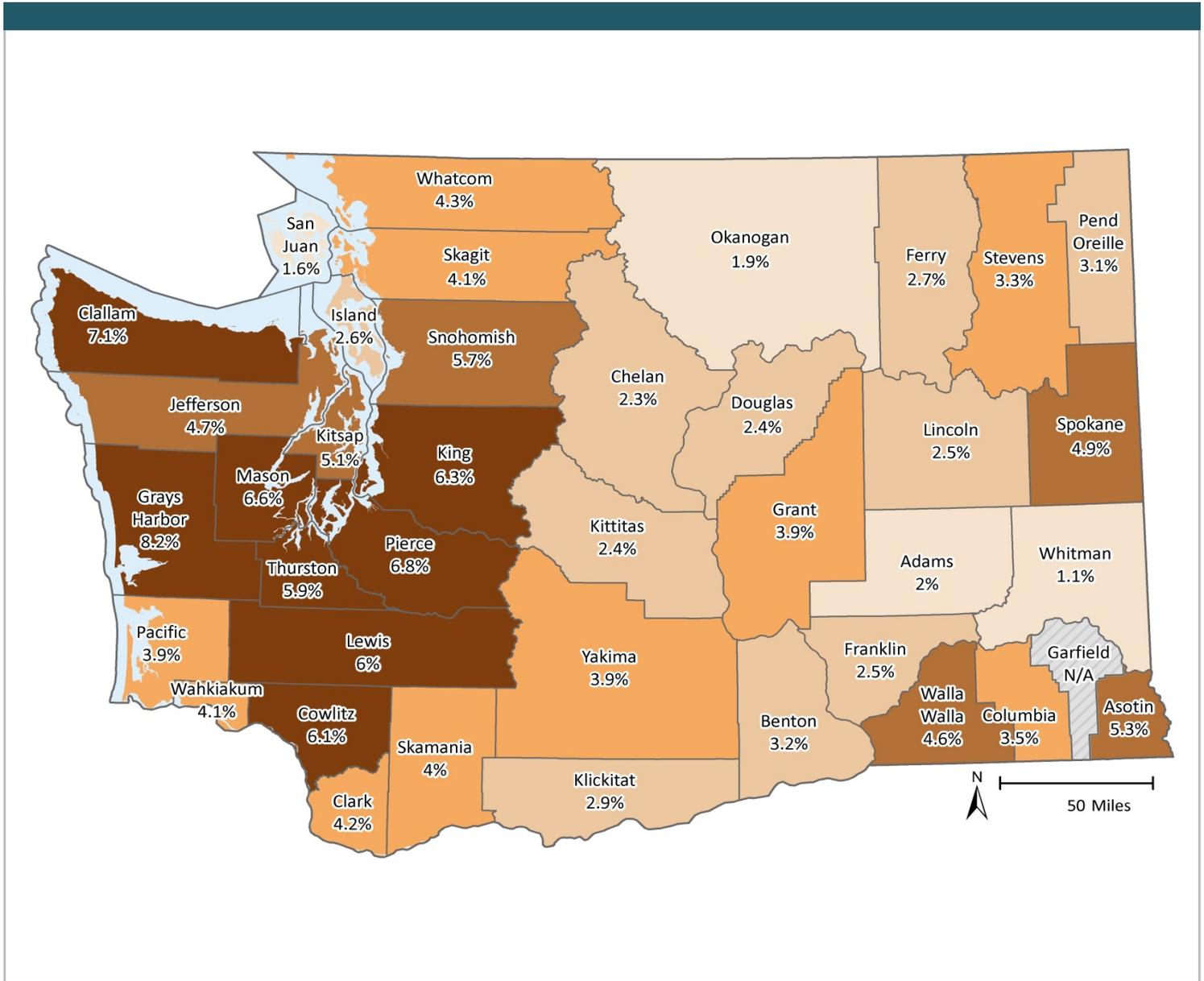
Percent of Medicaid-Expansion Adults with Homelessness



SOURCE & POPULATION

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

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



Homelessness

INDICATOR

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

COUNTY:

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

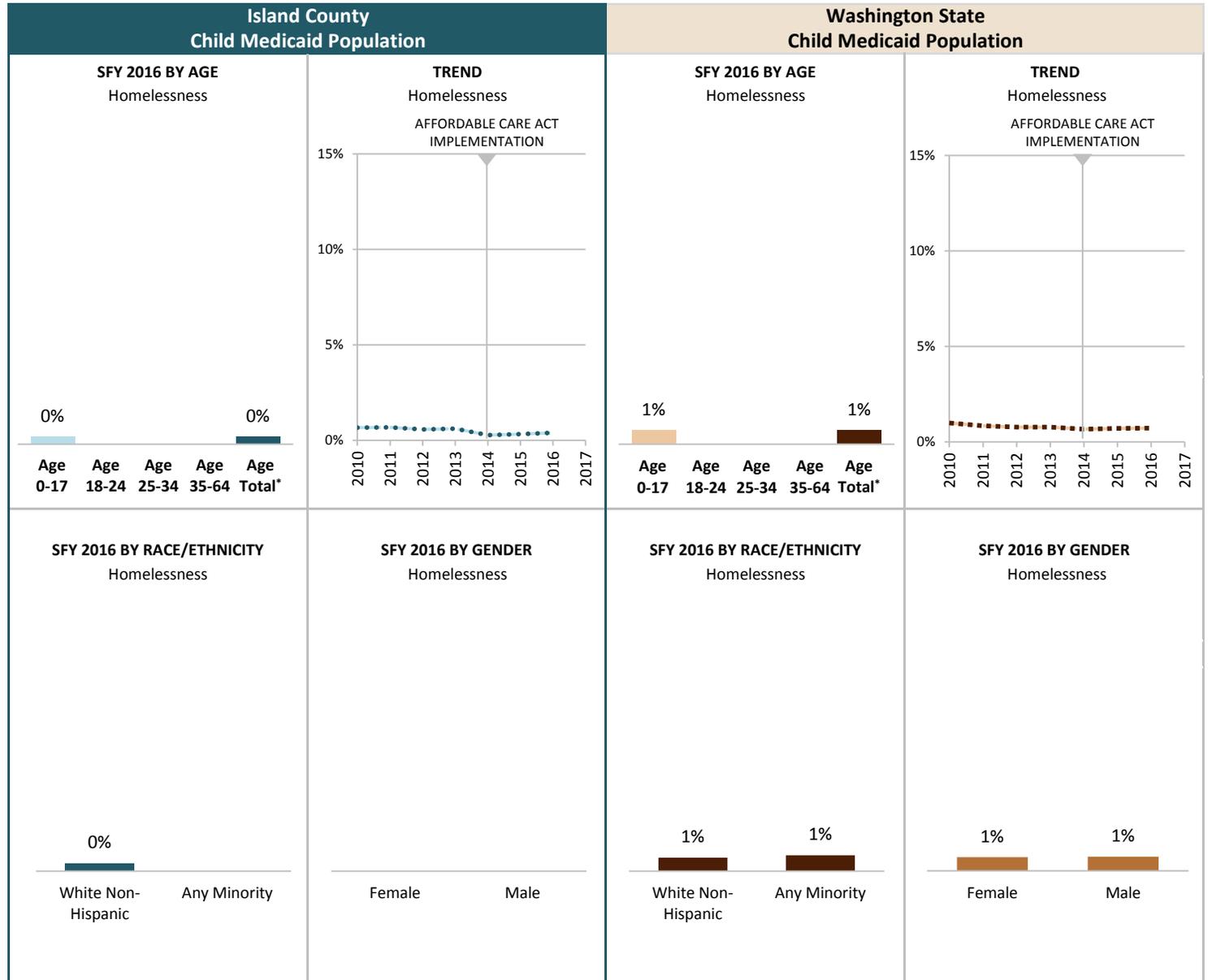
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Homelessness

STATE FISCAL YEAR	Island County Child Medicaid Population								Washington State Medicaid Population Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness	0.7%	0.7%	0.6%	0.6%	0.3%	0.3%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	23	24	20	22	11	14	18		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 25-34 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 35-64 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age Total¹ w/Homelessness	0.7%	0.7%	0.6%	0.6%	0.3%	0.3%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	23	24	20	22	11	14	18		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	3,437	3,522	3,532	3,633	4,074	4,298	4,641		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Homelessness									1.7%	1.5%	1.3%	1.4%	1.2%	1.2%	1.2%	
Persons w/Homelessness									709	599	553	583	478	494	504	
Total persons	125	144	155	155	132	149	129		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Homelessness									0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	
Persons w/Homelessness									218	199	202	208	189	180	207	
Total persons	175	172	173	192	212	206	212		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Homelessness									2.7%	2.3%	2.1%	2.1%	1.8%	2.1%	2.0%	
Persons w/Homelessness									1,740	1,523	1,468	1,479	1,320	1,524	1,518	
Total persons	307	303	318	356	385	403	393		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Homelessness									1.2%	1.1%	1.0%	1.0%	0.8%	0.8%	0.9%	
Persons w/Homelessness									299	289	271	288	233	277	323	
Total persons	215	208	213	227	242	244	269		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Homelessness									0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	
Persons w/Homelessness									1,258	1,268	1,075	1,059	997	1,053	1,223	
Total persons	463	485	468	474	557	618	662		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Homelessness		0.5%					0.4%		0.9%	0.8%	0.7%	0.7%	0.6%	0.7%	0.7%	
Persons w/Homelessness		11					11		2,365	2,088	1,994	2,037	1,848	2,033	2,149	
Total persons	2,114	2,177	2,170	2,205	2,508	2,602	2,772		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Homelessness	1.1%	1.0%	1.0%						1.1%	1.0%	0.9%	0.9%	0.7%	0.8%	0.8%	
Persons w/Homelessness	11	11	12						3,528	3,202	2,970	3,011	2,675	2,943	3,156	
Total persons	1,032	1,052	1,089	1,148	1,268	1,358	1,407		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Homelessness	0.7%	0.7%							1.0%	0.9%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	11	13							3,042	2,793	2,593	2,601	2,332	2,530	2,674	
Total persons	1,675	1,753	1,722	1,766	1,991	2,134	2,322		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Homelessness	0.7%	0.6%	0.6%	0.6%					1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	12	11	11	12					3,089	2,751	2,592	2,666	2,343	2,616	2,833	
Total persons	1,762	1,769	1,810	1,867	2,083	2,164	2,319		314,940	331,406	338,610	342,993	359,929	372,207	388,323	



TECHNICAL NOTES

Medicaid Population Definitions and Limitations

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

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

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

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

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

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

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

Metric Definition Descriptions

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

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

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

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

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

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

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

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

Population by Race-Ethnicity

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

Map Classification

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

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

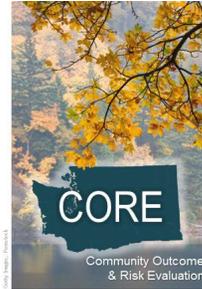
Wei, R., Tong, D. & J. M. Phillips (2016) An integrated classification scheme for mapping estimates and errors of estimation from the American Community Survey. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2016.04.003>.

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

Island 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.