

Getty Images, Shutterstock

Benton 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
4.95.03



Benton County

Behavioral Health Treatment Needs and Outcomes

MARCH 2017

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	Benton County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	70.0%	70.0%	68.8%	69.4%	71.0%	68.2%	71.6%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	2,170	2,165	2,197	2,386	2,414	1,859	2,034		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	44.7%	43.7%	44.1%	43.5%	44.5%	48.9%	51.0%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	2,531	2,421	2,410	2,430	2,885	3,315	3,336		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					31.2%	41.2%	45.9%							29.1%	38.6%	42.5%
Persons w/Any BH Tx Need					2,629	5,999	7,579						104,829	231,038	284,370	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	12.9%	14.3%	14.6%	14.7%	14.6%	14.6%	15.7%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	2,462	2,810	3,013	3,221	3,389	3,597	4,057		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	

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

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

Any Behavioral Health Treatment Need

INDICATOR

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

COUNTY:

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

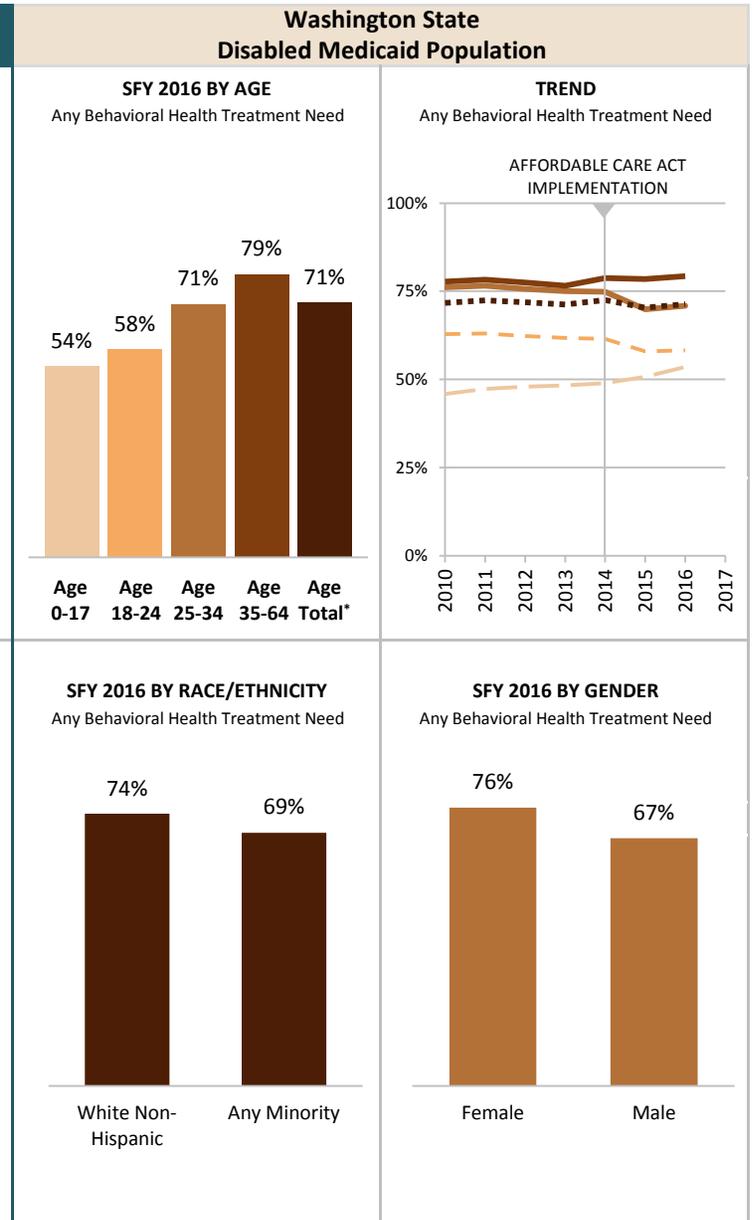
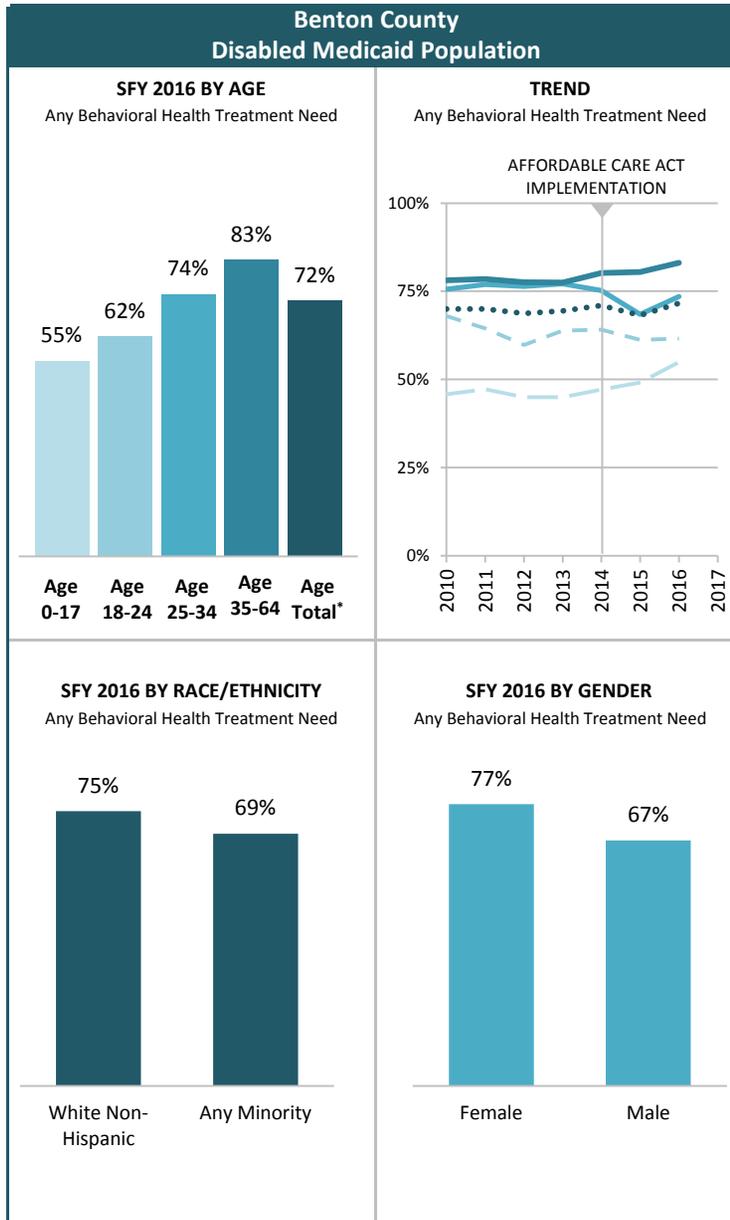
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Any Behavioral Health Treatment Need

STATE FISCAL YEAR	Benton County Disabled Medicaid Population								Washington State Medicaid Population Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Any BH Tx Need	45.8%	47.3%	45.0%	45.0%	47.1%	49.2%	54.9%		45.9%	47.3%	47.9%	48.3%	49.0%	50.7%	53.5%	
Persons w/Any BH Tx Need	288	310	300	309	322	352	405		7,697	8,190	8,620	8,962	9,063	9,332	10,081	
Total persons	629	656	667	687	683	716	738		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Any BH Tx Need	68.0%	64.5%	59.8%	63.9%	64.1%	61.3%	61.6%		62.8%	63.0%	62.3%	61.8%	61.5%	58.0%	58.3%	
Persons w/Any BH Tx Need	251	227	196	242	248	196	218		7,808	7,887	7,830	7,880	7,308	5,679	5,611	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Any BH Tx Need	75.6%	77.0%	76.4%	77.1%	75.2%	68.4%	73.5%		76.1%	76.5%	75.7%	75.1%	74.8%	69.9%	70.9%	
Persons w/Any BH Tx Need	393	394	385	397	388	282	319		12,899	13,388	13,888	14,537	13,786	9,537	9,654	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Any BH Tx Need	78.2%	78.5%	77.6%	77.4%	80.2%	80.5%	83.0%		77.7%	78.3%	77.5%	76.6%	78.7%	78.4%	79.3%	
Persons w/Any BH Tx Need	1,238	1,234	1,316	1,438	1,456	1,029	1,092		61,190	63,560	66,195	68,726	66,067	47,610	46,909	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Any BH Tx Need	70.0%	70.0%	68.8%	69.4%	71.0%	68.2%	71.6%		71.7%	72.4%	71.9%	71.3%	72.5%	70.4%	71.4%	
Persons w/Any BH Tx Need	2,170	2,165	2,197	2,386	2,414	1,859	2,034		89,594	93,025	96,533	100,105	96,224	72,158	72,255	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		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	79.2%	78.8%	78.4%	82.4%	76.6%	86.8%	86.7%		79.6%	80.5%	79.4%	79.2%	80.0%	79.1%	79.3%	
Persons w/Any BH Tx Need	141	134	134	150	141	131	150		10,071	10,461	10,678	11,078	10,617	8,236	8,013	
Total persons	178	170	171	182	184	151	173		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/Any BH Tx Need	60.3%	57.3%	65.3%	68.1%	69.6%	66.7%	59.7%		62.7%	63.8%	64.0%	63.2%	64.2%	63.5%	63.9%	
Persons w/Any BH Tx Need	47	43	49	49	48	36	37		3,867	4,032	4,117	4,270	4,115	3,209	3,189	
Total persons	78	75	75	72	69	54	62		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Any BH Tx Need	68.5%	68.6%	69.2%	65.9%	68.2%	65.7%	72.8%		72.4%	73.1%	72.6%	72.6%	73.0%	70.2%	71.7%	
Persons w/Any BH Tx Need	122	129	137	139	148	130	150		11,391	12,081	12,815	13,493	13,150	10,033	10,247	
Total persons	178	188	198	211	217	198	206		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/Any BH Tx Need	68.8%	70.3%	73.2%	78.4%	62.5%	65.0%	65.9%		59.8%	61.1%	61.3%	61.0%	61.4%	59.5%	62.2%	
Persons w/Any BH Tx Need	22	26	30	29	25	26	27		1,602	1,776	1,863	2,003	1,992	1,550	1,621	
Total persons	32	37	41	37	40	40	41		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Any BH Tx Need	56.3%	58.4%	59.4%	59.0%	61.7%	57.5%	64.9%		58.2%	59.8%	60.3%	59.9%	61.0%	58.6%	61.6%	
Persons w/Any BH Tx Need	400	455	483	507	537	443	533		6,961	7,694	8,395	8,898	8,783	7,102	7,525	
Total persons	710	779	813	860	871	770	821		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Any BH Tx Need	74.8%	75.4%	73.1%	74.2%	75.7%	73.4%	74.7%		74.2%	74.8%	74.3%	73.7%	75.2%	73.3%	74.0%	
Persons w/Any BH Tx Need	1,477	1,434	1,411	1,555	1,553	1,141	1,182		58,288	59,854	61,660	63,679	60,903	44,713	44,352	
Total persons	1,975	1,902	1,930	2,097	2,052	1,555	1,582		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Any BH Tx Need	62.3%	62.4%	63.4%	63.5%	64.8%	62.5%	68.6%		69%	70%	69%	69%	70%	67%	69%	
Persons w/Any BH Tx Need	685	718	767	813	836	704	832		30,656	32,417	34,046	35,594	34,533	26,827	27,191	
Total persons	1,100	1,151	1,210	1,280	1,291	1,127	1,212		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%	73.4%	73.2%	73.6%	75.0%	72.2%	76.6%		74.9%	75.6%	75.2%	74.7%	76.1%	74.8%	75.7%	
Persons w/Any BH Tx Need	1,183	1,156	1,167	1,242	1,245	966	1,063		46,172	47,799	49,189	50,465	48,279	37,014	36,598	
Total persons	1,606	1,575	1,594	1,687	1,659	1,338	1,387		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Any BH Tx Need	66.0%	66.5%	64.3%	65.3%	67.1%	64.3%	66.8%		68.6%	69.3%	68.7%	68.2%	69.2%	66.3%	67.4%	
Persons w/Any BH Tx Need	987	1,009	1,030	1,144	1,169	893	971		43,422	45,226	47,344	49,640	47,945	35,144	35,657	
Total persons	1,496	1,517	1,601	1,751	1,742	1,389	1,454		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

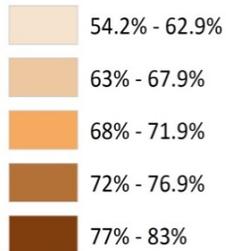
MARCH 2017

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.

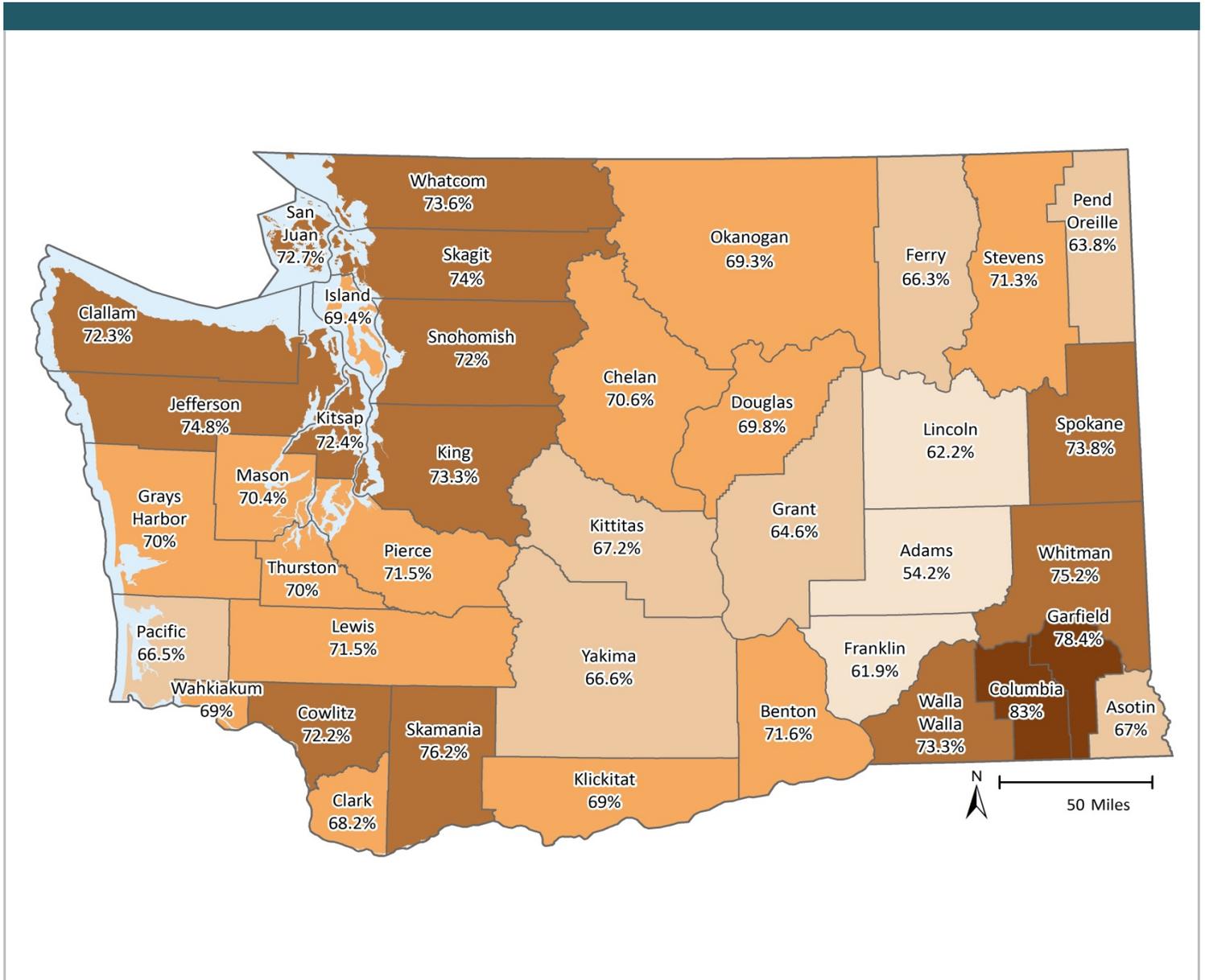
Percent of Medicaid-Disabled Youth and Adults with Any Behavioral Health Tx Need



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*

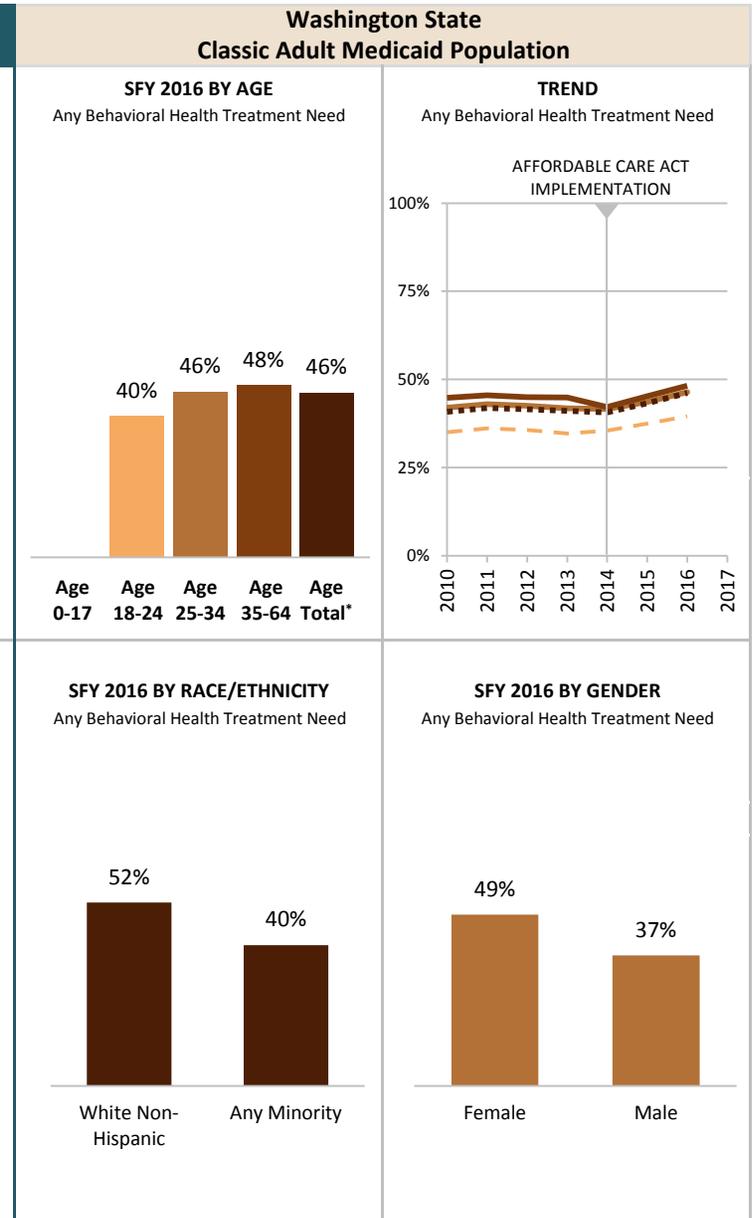
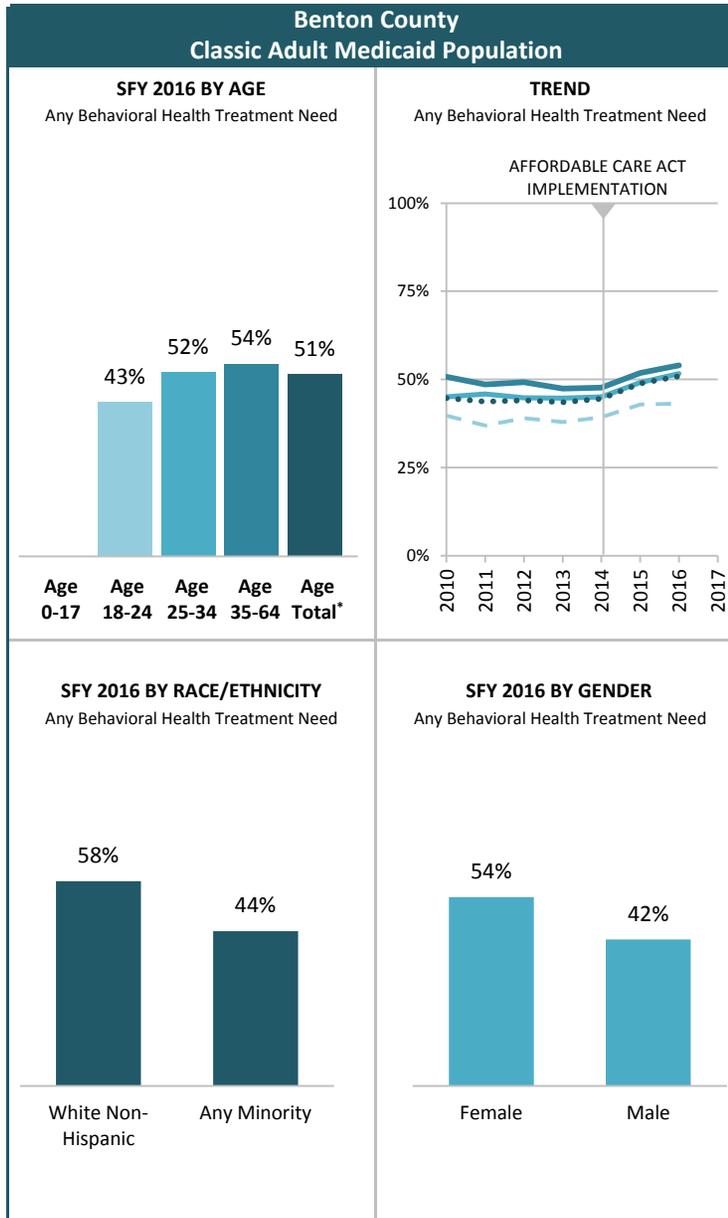
STATE:

- 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	Benton 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	39.7%	36.9%	39.0%	37.9%	39.2%	42.9%	43.2%		35.1%	36.2%	35.7%	34.7%	35.5%	37.5%	39.5%	
Persons w/Any BH Tx Need	754	655	663	608	615	577	512		18,811	19,242	17,930	16,238	14,925	13,030	11,807	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Any BH Tx Need	45.1%	45.9%	44.8%	44.7%	45.1%	49.1%	51.6%		42.0%	43.0%	42.5%	41.8%	41.6%	43.6%	46.4%	
Persons w/Any BH Tx Need	1,064	1,100	1,066	1,085	1,235	1,441	1,497		33,376	36,503	36,212	35,509	37,434	39,841	40,534	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Any BH Tx Need	50.8%	48.6%	49.2%	47.4%	47.7%	51.8%	54.0%		44.8%	45.5%	44.9%	44.9%	42.2%	45.2%	48.2%	
Persons w/Any BH Tx Need	713	666	681	737	1,035	1,297	1,327		24,201	26,558	26,955	27,195	32,595	39,258	41,192	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Any BH Tx Need	44.7%	43.7%	44.1%	43.5%	44.5%	48.9%	51.0%		40.8%	41.9%	41.5%	41.1%	40.6%	43.3%	46.1%	
Persons w/Any BH Tx Need	2,531	2,421	2,410	2,430	2,885	3,315	3,336		76,388	82,303	81,097	78,942	84,954	92,129	93,533	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		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	58.8%	58.2%	59.9%	55.1%	55.8%	63.3%	67.6%		58.0%	58.2%	57.9%	57.5%	57.4%	59.9%	62.5%	
Persons w/Any BH Tx Need	153	138	130	119	134	162	171		9,126	9,347	9,192	8,927	8,917	8,833	8,618	
Total persons	260	237	217	216	240	256	253		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/Any BH Tx Need	25.4%	27.9%	28.1%	30.1%	32.7%	28.0%	42.0%		27.3%	27.5%	27.9%	27.6%	25.1%	27.0%	29.8%	
Persons w/Any BH Tx Need	30	34	34	46	55	54	73		2,441	2,706	2,900	2,892	3,221	3,736	3,958	
Total persons	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Any BH Tx Need	45.9%	43.3%	42.2%	46.7%	48.1%	48.1%	52.4%		38.0%	39.3%	38.4%	37.3%	38.1%	40.0%	42.4%	
Persons w/Any BH Tx Need	107	114	119	140	152	154	151		7,772	8,662	8,589	8,401	8,871	9,046	9,007	
Total persons	233	263	282	300	316	320	288		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/Any BH Tx Need	40.4%	31.7%	43.7%	29.9%	29.8%	30.6%	34.3%		26.3%	27.5%	26.9%	26.5%	25.9%	27.7%	29.9%	
Persons w/Any BH Tx Need	23	20	31	26	31	45	49		1,738	1,981	2,063	2,120	2,401	2,782	2,895	
Total persons	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Any BH Tx Need	37.8%	36.6%	37.4%	35.3%	36.1%	41.7%	42.0%		34.0%	35.0%	34.7%	34.0%	32.9%	36.1%	38.6%	
Persons w/Any BH Tx Need	651	635	649	640	806	973	951		9,522	10,556	10,770	10,564	12,091	13,933	14,256	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Any BH Tx Need	50.1%	49.4%	49.5%	49.6%	51.0%	55.4%	58.1%		44.4%	45.8%	45.4%	45.2%	45.4%	48.8%	52.1%	
Persons w/Any BH Tx Need	1,625	1,519	1,502	1,496	1,762	1,979	1,991		48,478	51,959	50,800	49,390	52,982	57,313	57,986	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Any BH Tx Need	39.7%	38.6%	38.9%	37.5%	38.2%	42.5%	43.9%		38%	38%	38%	37%	36%	38%	40%	
Persons w/Any BH Tx Need	884	873	873	891	1,092	1,285	1,278		26,960	29,270	29,352	28,697	31,020	33,636	33,981	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Any BH Tx Need	46.7%	45.6%	46.0%	45.5%	47.1%	51.7%	53.6%		42.5%	43.9%	43.5%	43.1%	43.1%	45.9%	48.6%	
Persons w/Any BH Tx Need	2,057	1,963	1,965	1,986	2,325	2,704	2,732		61,664	66,247	65,546	64,159	69,252	75,901	77,321	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Any BH Tx Need	37.9%	37.2%	37.3%	36.3%	36.4%	39.3%	41.6%		35.1%	35.3%	34.7%	34.2%	32.2%	34.1%	37.1%	
Persons w/Any BH Tx Need	474	458	445	444	560	611	604		14,724	16,056	15,551	14,783	15,702	16,228	16,212	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		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

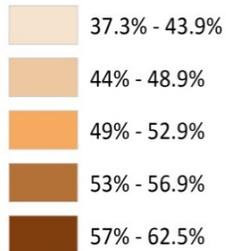
MARCH 2017

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.

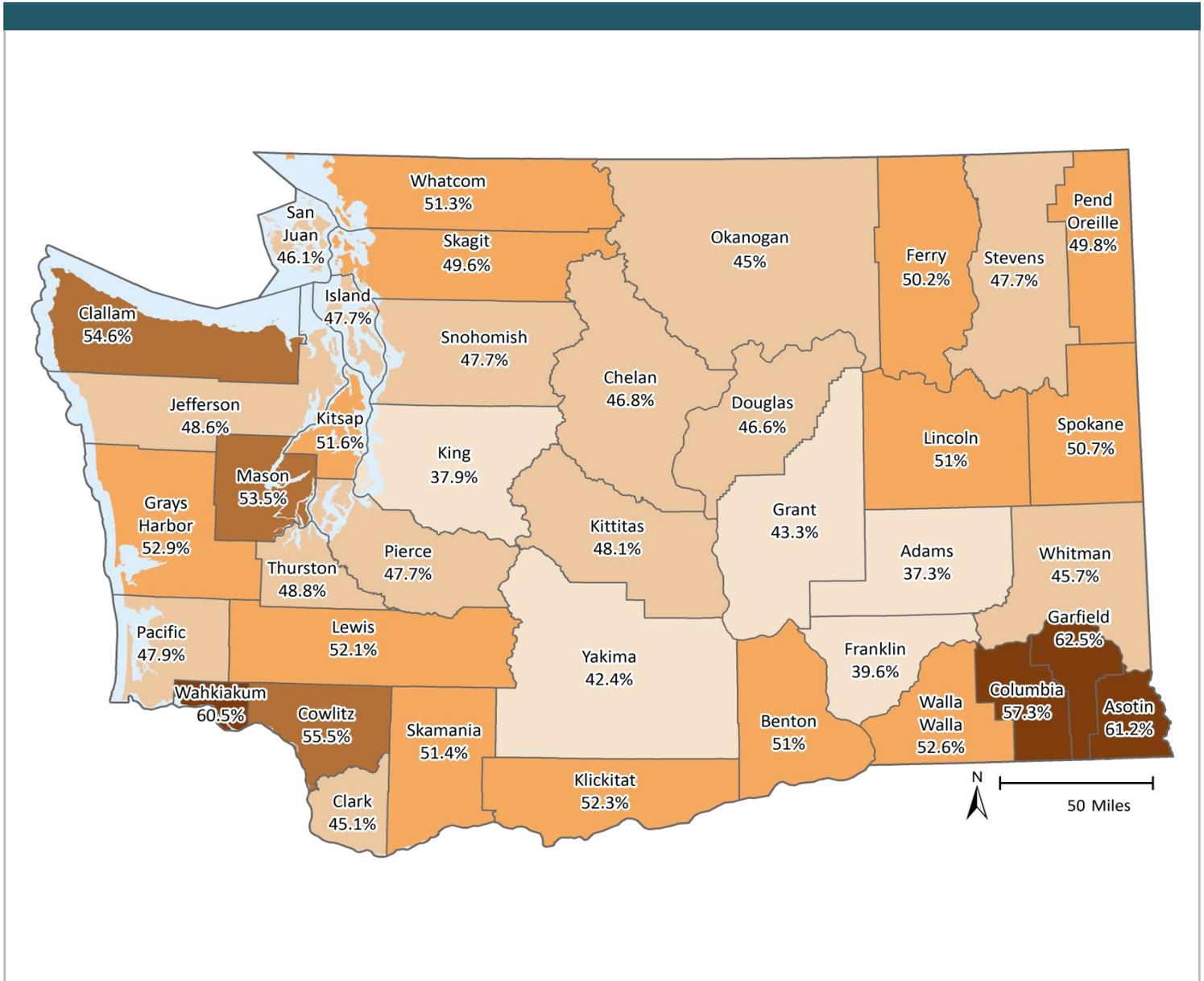
Percent of Medicaid-Classic Adults with Any Behavioral Health Tx Need



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*

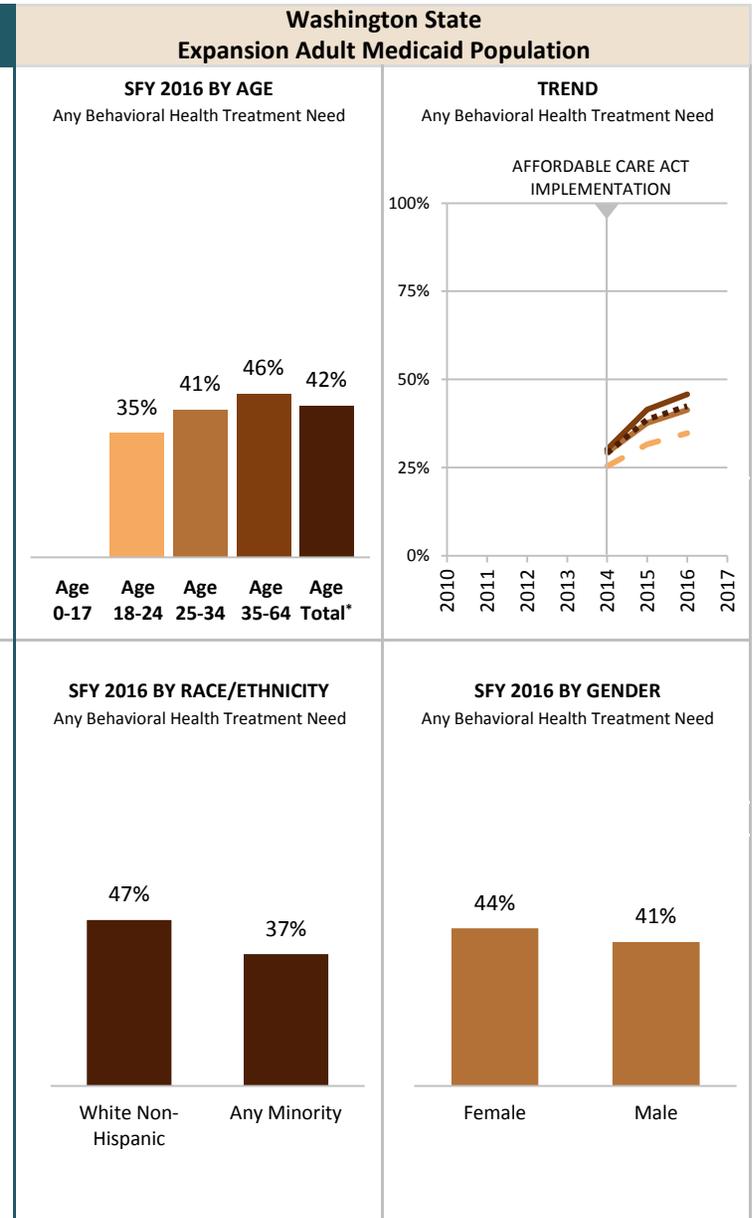
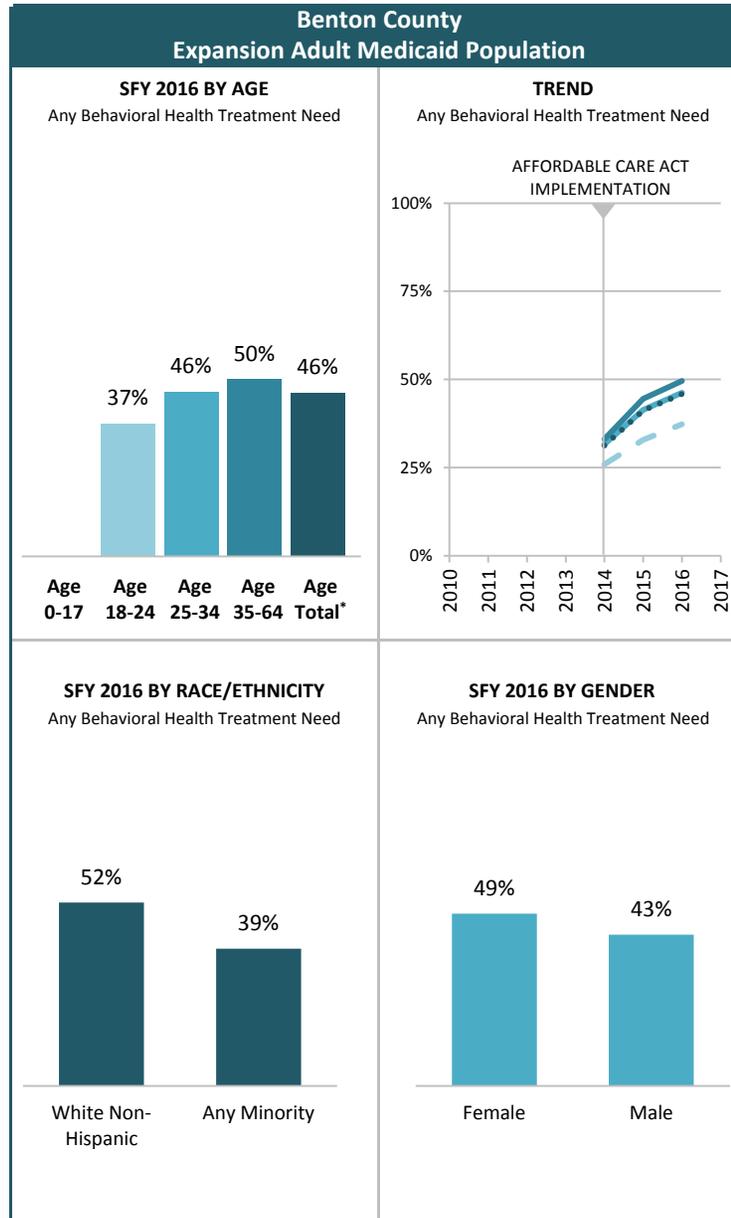
STATE:

- 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	Benton 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					25.9%	32.8%	37.3%						25.3%	31.6%	34.8%	
Persons w/Any BH Tx Need					435	992	1,308						15,169	32,694	41,688	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/Any BH Tx Need					31.6%	41.4%	46.2%						29.2%	37.7%	41.3%	
Persons w/Any BH Tx Need					795	1,857	2,411						29,942	66,765	84,634	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/Any BH Tx Need					33.1%	44.6%	49.6%						30.1%	41.5%	45.8%	
Persons w/Any BH Tx Need					1,399	3,150	3,860						59,718	131,579	158,048	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total¹ w/Any BH Tx Need					31.2%	41.2%	45.9%						29.1%	38.6%	42.5%	
Persons w/Any BH Tx Need					2,629	5,999	7,579						104,829	231,038	284,370	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Any BH Tx Need					44.2%	53.9%	61.3%						50.4%	58.8%	60.5%	
Persons w/Any BH Tx Need					100	246	325						8,459	17,867	21,353	
Total persons					226	456	530						16,783	30,399	35,266	
Asian w/Any BH Tx Need					16.1%	24.3%	26.7%						13.9%	21.4%	25.0%	
Persons w/Any BH Tx Need					48	115	143						4,585	10,380	12,979	
Total persons					298	473	535						32,924	48,483	51,833	
Black w/Any BH Tx Need					32.2%	41.6%	46.7%						27.5%	38.3%	41.1%	
Persons w/Any BH Tx Need					97	234	298						7,779	18,791	23,089	
Total persons					301	563	638						28,284	49,017	56,142	
Hawaiian/PI w/Any BH Tx Need					20.7%	30.3%	32.9%						19.0%	25.9%	29.3%	
Persons w/Any BH Tx Need					28	69	81						2,180	5,292	6,879	
Total persons					135	228	246						11,451	20,416	23,467	
Hispanic w/Any BH Tx Need					22.7%	32.6%	37.6%						22.5%	31.8%	36.3%	
Persons w/Any BH Tx Need					582	1,412	1,866						11,811	26,899	35,103	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/Any BH Tx Need					36.5%	46.7%	51.8%						33.1%	42.9%	46.8%	
Persons w/Any BH Tx Need					1,785	3,985	4,956						71,668	154,974	188,282	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/Any BH Tx Need					24.2%	34.0%	38.7%						24%	33%	37%	
Persons w/Any BH Tx Need					804	1,919	2,507						31,339	71,097	88,980	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/Any BH Tx Need					32.1%	43.0%	48.9%						29.4%	39.8%	44.4%	
Persons w/Any BH Tx Need					1,354	3,071	3,986						52,649	116,264	145,699	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/Any BH Tx Need					30.3%	39.4%	43.0%						28.8%	37.6%	40.6%	
Persons w/Any BH Tx Need					1,275	2,928	3,593						52,180	114,774	138,671	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

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

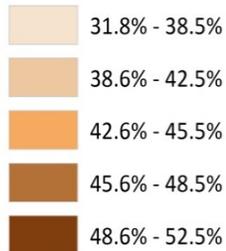
MARCH 2017

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.

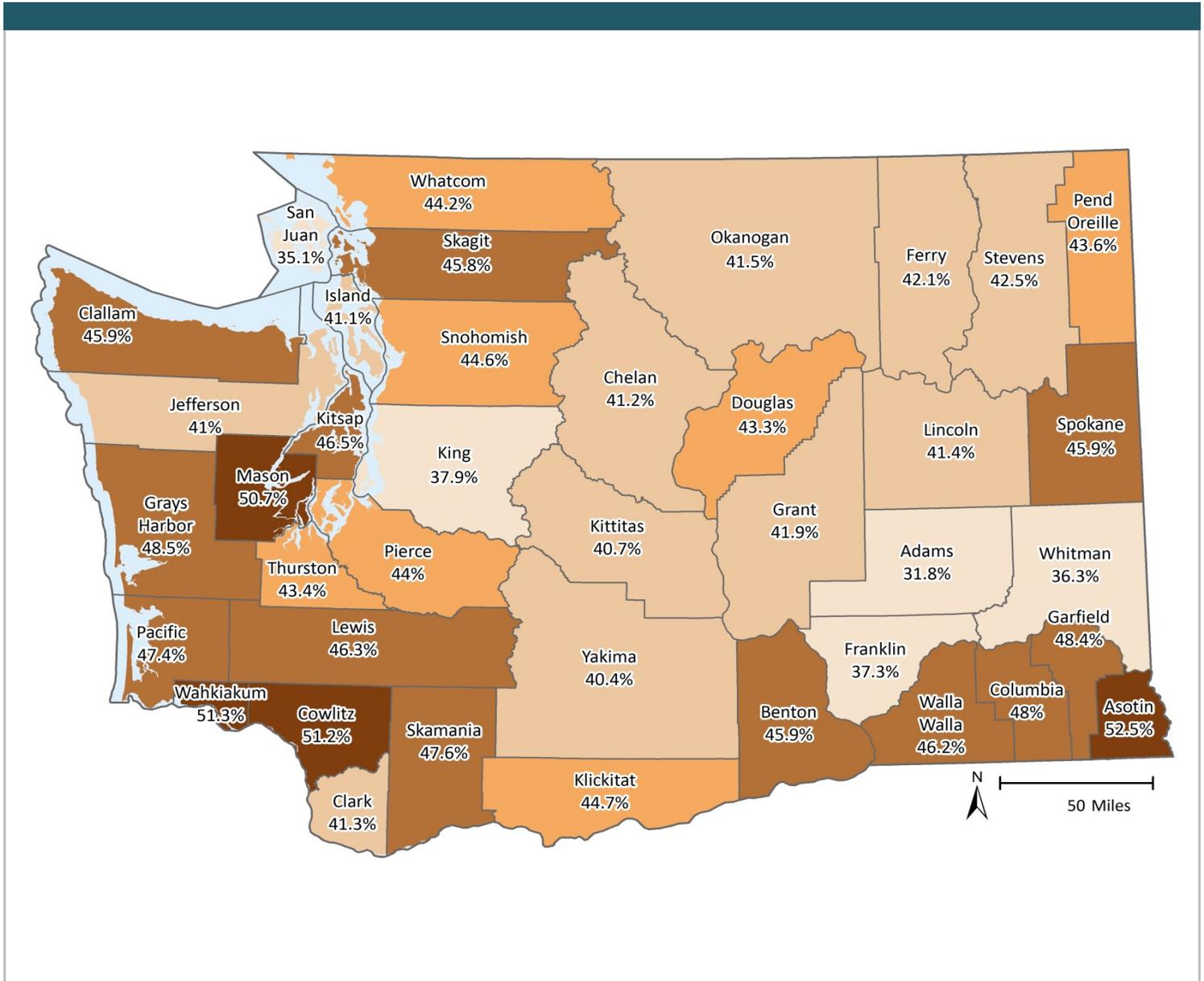
Percent of Medicaid-Expansion Adults with Any Behavioral Health Tx Need



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*

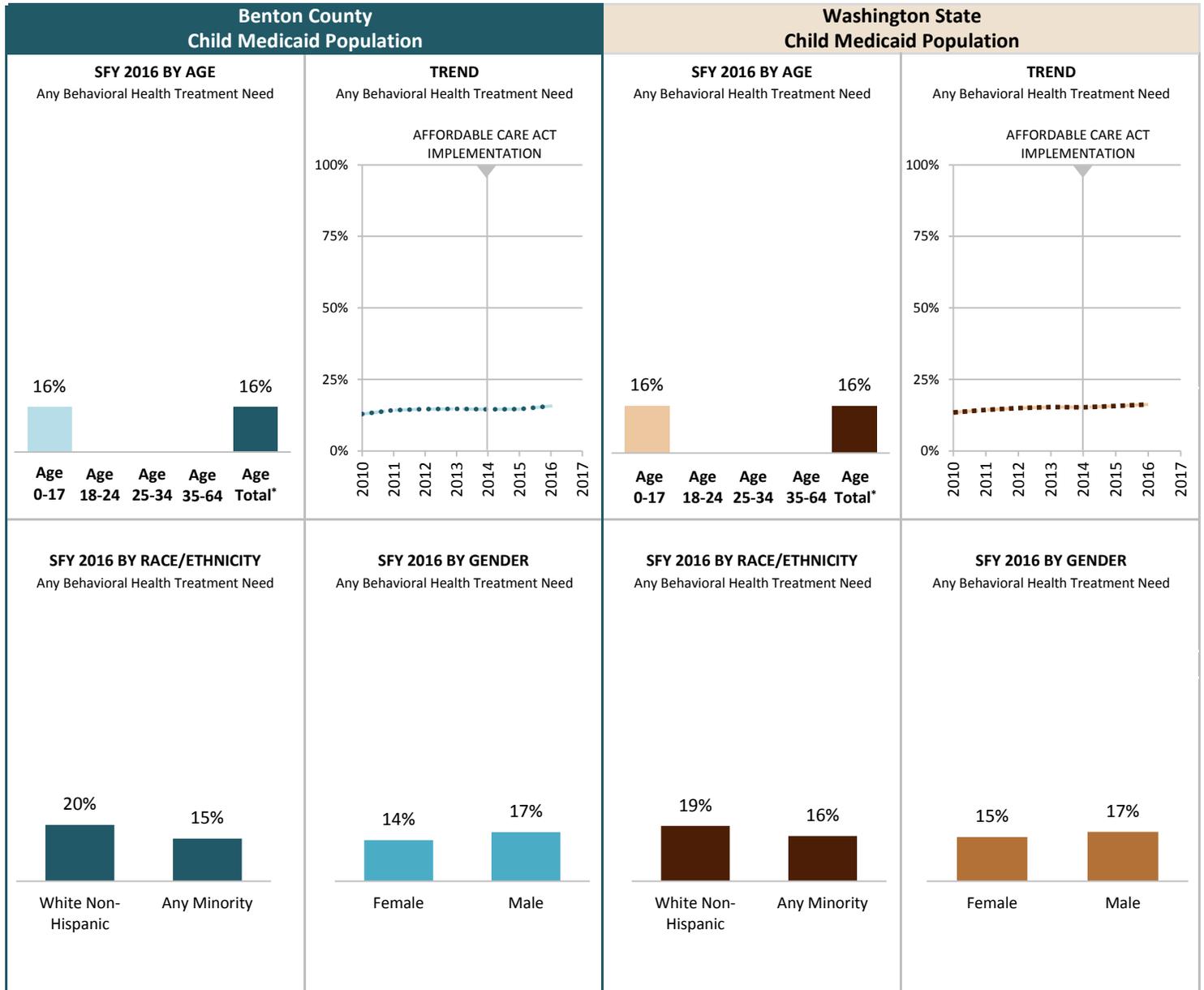
STATE:

- 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	Benton 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	12.9%	14.3%	14.6%	14.7%	14.6%	14.6%	15.7%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	2,462	2,810	3,013	3,221	3,389	3,597	4,057		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 25-34 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age 35-64 w/Any BH Tx Need																
Persons w/Any BH Tx Need																
Total persons																
Age Total¹ w/Any BH Tx Need	12.9%	14.3%	14.6%	14.7%	14.6%	14.6%	15.7%		13.4%	14.4%	15.0%	15.4%	15.2%	15.7%	16.3%	
Persons w/Any BH Tx Need	2,462	2,810	3,013	3,221	3,389	3,597	4,057		83,673	94,115	100,200	104,001	108,081	114,930	124,496	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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	25.6%	27.4%	31.1%	33.0%	30.9%	29.2%	27.9%		26.7%	27.2%	27.8%	28.4%	28.4%	28.7%	29.0%	
Persons w/Any BH Tx Need	138	151	158	167	155	154	141		10,825	11,217	11,512	11,763	11,740	11,770	11,876	
Total persons	539	551	508	506	502	528	505		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/Any BH Tx Need	7.4%	10.1%	9.4%	9.2%	9.0%	9.8%	11.1%		8.8%	9.8%	10.7%	11.1%	10.9%	11.5%	12.2%	
Persons w/Any BH Tx Need	31	46	48	54	58	64	74		3,150	3,761	4,265	4,531	4,831	5,237	5,607	
Total persons	421	454	508	589	644	652	665		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Any BH Tx Need	19.6%	20.5%	21.8%	20.7%	19.6%	16.9%	18.1%		16.2%	17.5%	18.0%	18.2%	18.2%	18.6%	19.1%	
Persons w/Any BH Tx Need	177	187	218	227	225	201	221		10,379	11,671	12,336	12,789	13,190	13,742	14,458	
Total persons	905	914	999	1,095	1,146	1,190	1,222		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/Any BH Tx Need	8.1%	10.1%	10.0%	9.2%	11.8%	11.6%	10.9%		9.2%	10.2%	11.0%	11.4%	11.6%	11.7%	11.9%	
Persons w/Any BH Tx Need	23	31	36	38	51	56	54		2,199	2,676	3,089	3,333	3,566	3,822	4,105	
Total persons	284	306	360	412	434	483	496		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Any BH Tx Need	9.8%	11.6%	12.7%	13.1%	13.0%	13.4%	14.8%		10.1%	11.5%	12.5%	13.0%	13.3%	14.0%	14.9%	
Persons w/Any BH Tx Need	895	1,108	1,258	1,352	1,416	1,528	1,769		19,049	22,863	25,566	27,156	28,691	31,152	34,104	
Total persons	9,144	9,517	9,880	10,356	10,921	11,437	11,964		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Any BH Tx Need	17.6%	18.7%	18.2%	18.7%	18.4%	18.4%	19.6%		16.5%	17.3%	17.8%	18.3%	17.9%	18.5%	19.3%	
Persons w/Any BH Tx Need	1,282	1,377	1,390	1,492	1,599	1,690	1,853		43,255	47,356	49,303	50,706	52,492	55,528	59,503	
Total persons	7,268	7,354	7,631	7,984	8,674	9,181	9,435		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Any BH Tx Need	10.9%	12.5%	13.6%	13.8%	13.5%	13.7%	14.9%		12%	14%	14%	15%	15%	15%	16%	
Persons w/Any BH Tx Need	1,152	1,379	1,561	1,669	1,728	1,827	2,073		39,232	44,949	48,859	51,215	53,301	56,638	60,909	
Total persons	10,570	10,991	11,447	12,098	12,767	13,375	13,930		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Any BH Tx Need	11.6%	12.6%	12.7%	12.9%	13.0%	13.2%	14.3%		12.1%	12.9%	13.5%	13.9%	14.0%	14.6%	15.4%	
Persons w/Any BH Tx Need	1,088	1,223	1,299	1,391	1,494	1,606	1,832		37,086	41,769	44,419	46,375	48,733	52,676	57,970	
Total persons	9,388	9,727	10,243	10,747	11,468	12,150	12,802		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Any BH Tx Need	14.2%	15.9%	16.5%	16.5%	16.1%	16.0%	17.1%		14.8%	15.8%	16.5%	16.8%	16.5%	16.7%	17.1%	
Persons w/Any BH Tx Need	1,374	1,587	1,714	1,830	1,895	1,991	2,225		46,587	52,346	55,781	57,626	59,348	62,254	66,526	
Total persons	9,653	9,991	10,398	11,094	11,805	12,423	13,032		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

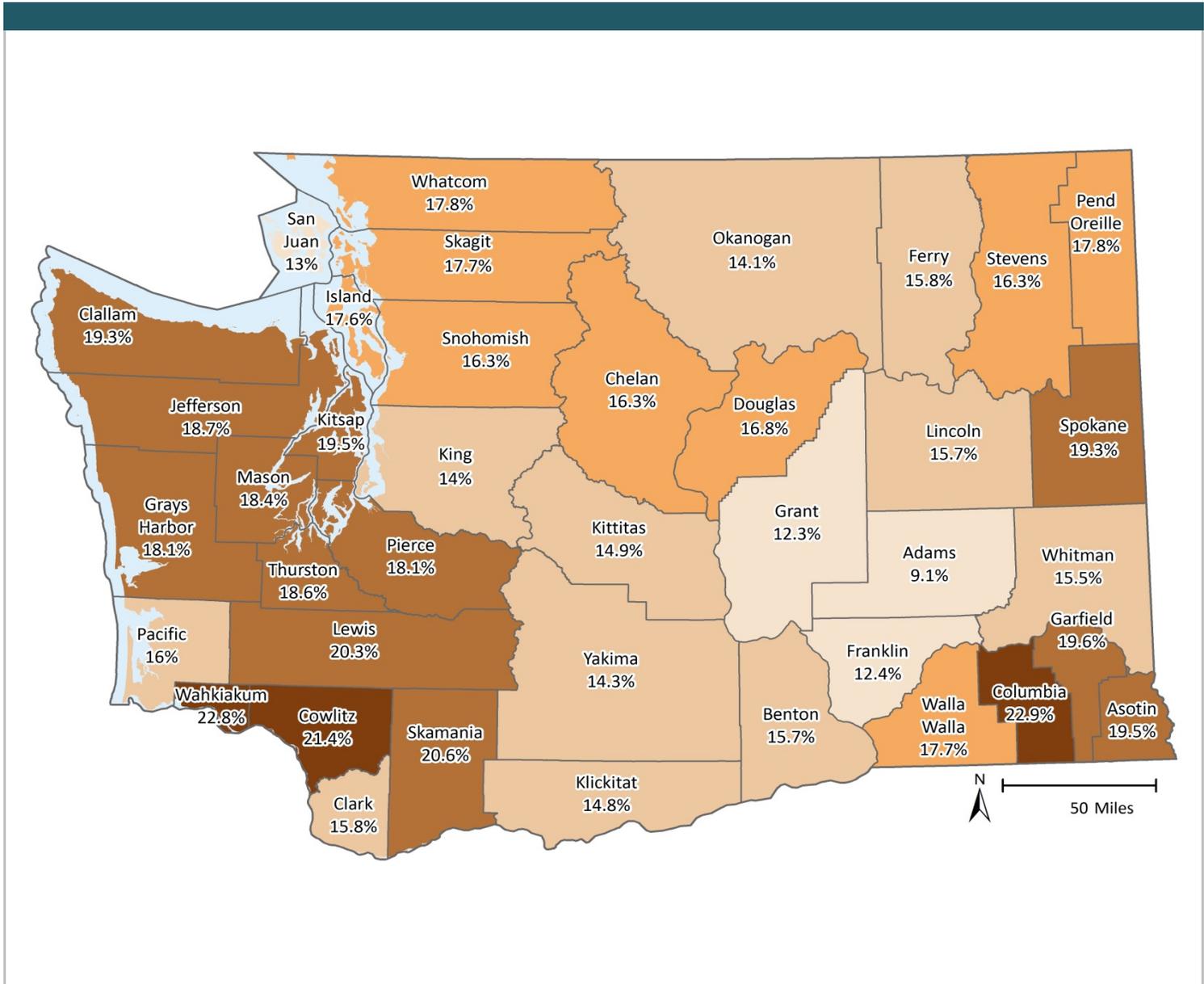
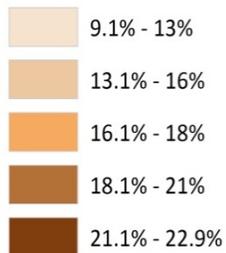
MARCH 2017

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

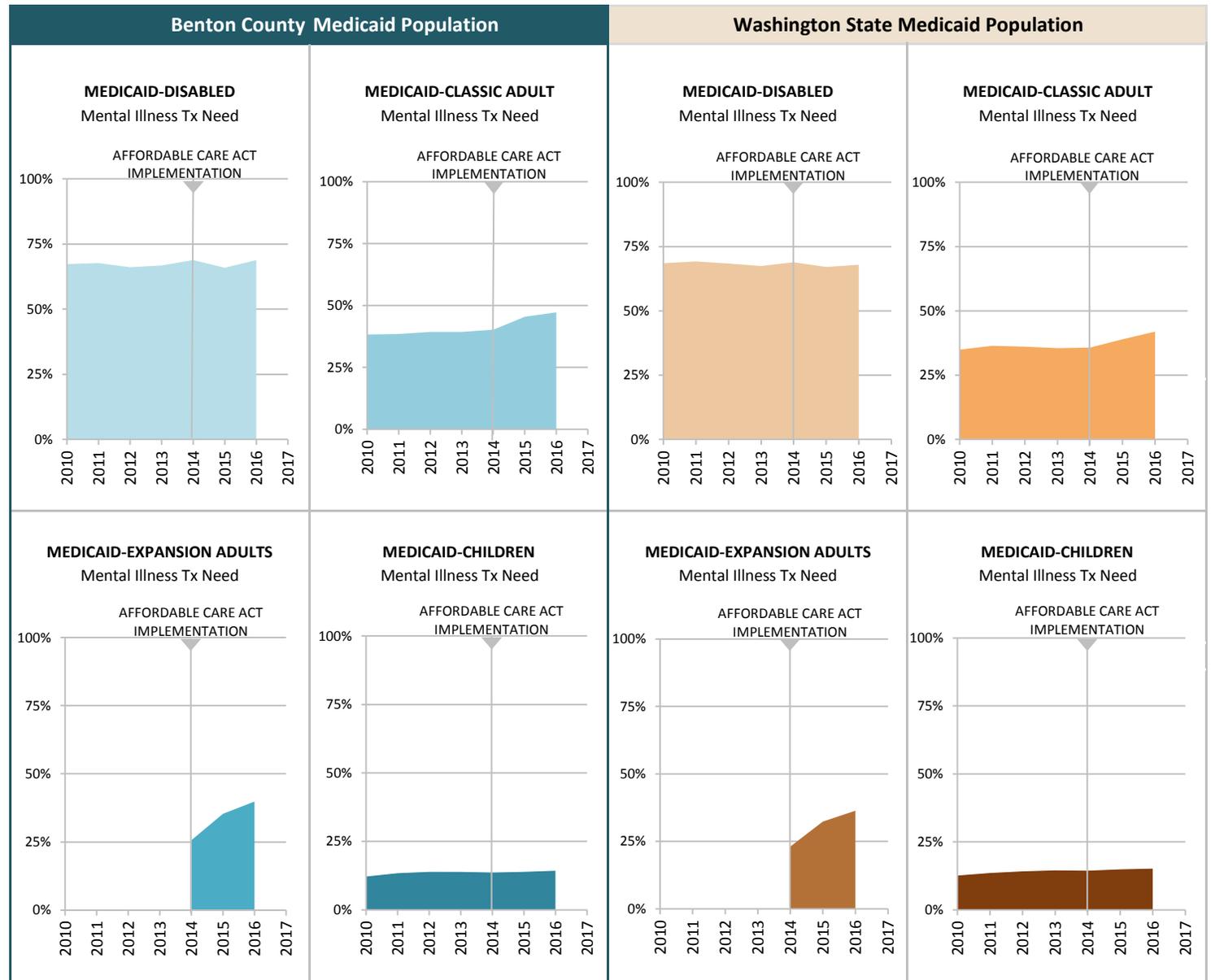
STATE:

- 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**

	Benton 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	67.3%	67.7%	66.1%	66.8%	68.9%	65.9%	68.8%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	2,088	2,093	2,112	2,296	2,342	1,797	1,956		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	38.2%	38.4%	39.3%	39.3%	40.2%	45.4%	47.2%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	2,164	2,130	2,147	2,194	2,602	3,079	3,089		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					25.6%	35.3%	39.8%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					2,160	5,150	6,577						83,208	193,369	243,541	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	12.2%	13.4%	13.9%	13.9%	13.6%	13.9%	14.3%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	2,317	2,640	2,864	3,027	3,174	3,410	3,691		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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*

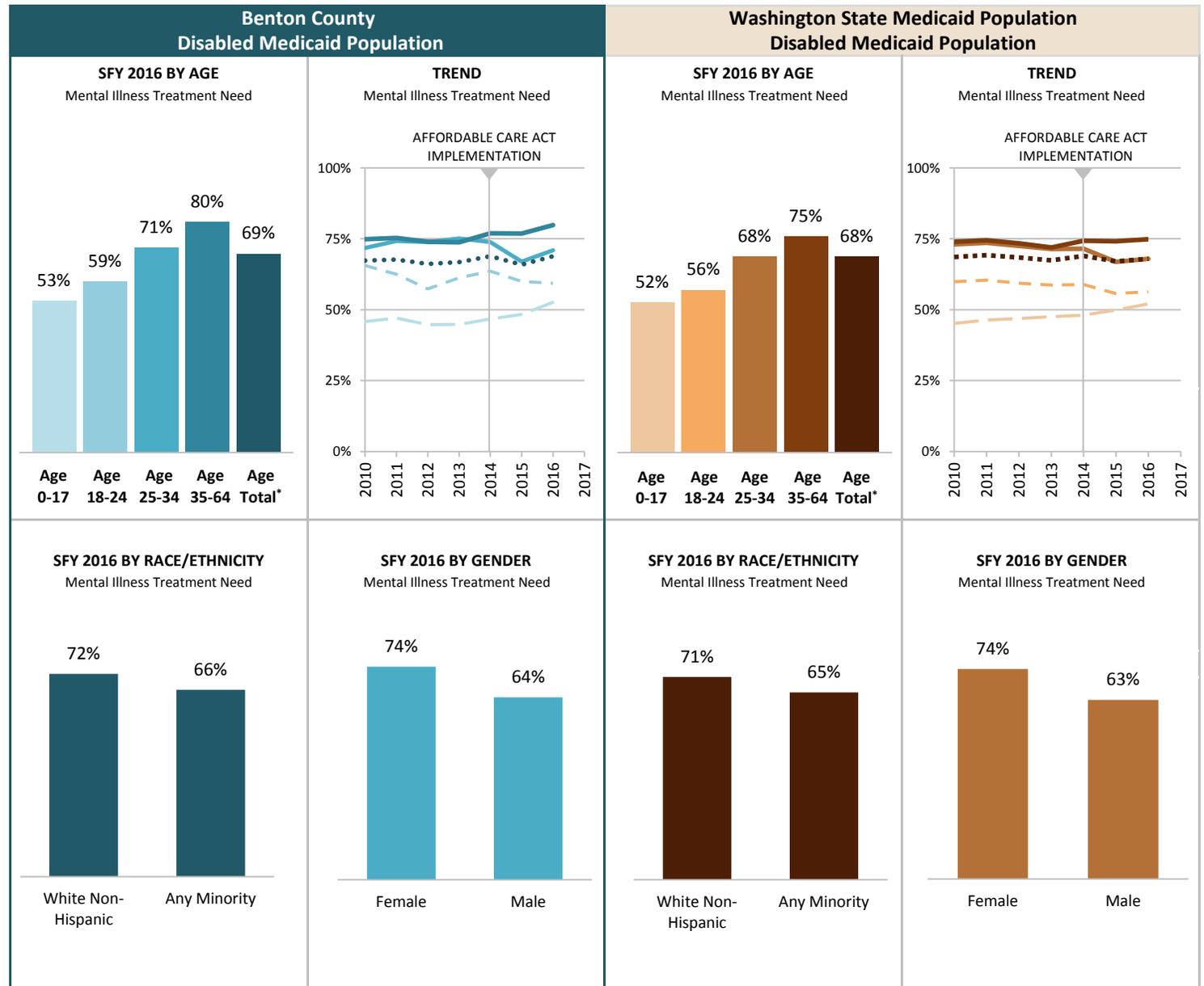
STATE:

- 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

	Benton 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	45.8%	47.1%	44.7%	44.8%	46.7%	48.3%	52.6%		45.1%	46.4%	46.9%	47.5%	48.1%	49.9%	52.1%	
Persons w/MI Tx Need	288	309	298	308	319	346	388		7,574	8,025	8,442	8,813	8,896	9,186	9,806	
Total persons	629	656	667	687	683	716	738		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/MI Tx Need	65.6%	62.5%	57.3%	61.2%	63.6%	60.0%	59.3%		59.9%	60.4%	59.4%	58.7%	58.9%	55.7%	56.3%	
Persons w/MI Tx Need	242	220	188	232	246	192	210		7,445	7,558	7,455	7,482	6,992	5,450	5,421	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/MI Tx Need	71.7%	74.2%	73.8%	75.1%	73.8%	67.0%	71.0%		73.0%	73.6%	72.5%	71.4%	71.5%	66.9%	67.9%	
Persons w/MI Tx Need	373	380	372	387	381	276	308		12,368	12,873	13,297	13,823	13,168	9,120	9,250	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/MI Tx Need	74.8%	75.3%	73.9%	73.7%	76.9%	76.9%	79.8%		73.9%	74.5%	73.4%	72.0%	74.3%	74.1%	74.9%	
Persons w/MI Tx Need	1,185	1,184	1,254	1,369	1,396	983	1,050		58,202	60,490	62,655	64,587	62,365	44,998	44,303	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/MI Tx Need	67.3%	67.7%	66.1%	66.8%	68.9%	65.9%	68.8%		68.5%	69.2%	68.4%	67.4%	68.9%	67.1%	67.9%	
Persons w/MI Tx Need	2,088	2,093	2,112	2,296	2,342	1,797	1,956		85,589	88,946	91,849	94,705	91,421	68,754	68,780	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	78.1%	77.1%	76.0%	78.6%	76.1%	84.1%	85.5%		74.7%	76.2%	75.0%	74.1%	75.2%	74.4%	74.3%	
Persons w/MI Tx Need	139	131	130	143	140	127	148		9,456	9,902	10,080	10,362	9,972	7,743	7,510	
Total persons	178	170	171	182	184	151	173		12,656	12,987	13,443	13,990	13,263	10,410	10,105	
Asian w/MI Tx Need	55.1%	56.0%	62.7%	65.3%	68.1%	66.7%	58.1%		60.8%	62.0%	62.1%	61.0%	62.2%	62.1%	62.1%	
Persons w/MI Tx Need	43	42	47	47	47	36	36		3,748	3,922	3,996	4,124	3,982	3,136	3,096	
Total persons	78	75	75	72	69	54	62		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/MI Tx Need	63.5%	64.9%	64.6%	62.6%	65.4%	64.6%	70.9%		68.0%	69.0%	68.5%	67.8%	68.6%	66.1%	67.4%	
Persons w/MI Tx Need	113	122	128	132	142	128	146		10,692	11,405	12,084	12,609	12,357	9,453	9,644	
Total persons	178	188	198	211	217	198	206		15,723	16,528	17,644	18,598	18,024	14,300	14,301	
Hawaiian/PI w/MI Tx Need	62.5%	67.6%	73.2%	78.4%	60.0%	62.5%	61.0%		57.4%	59.0%	59.1%	59.0%	59.5%	57.8%	60.0%	
Persons w/MI Tx Need	20	25	30	29	24	25	25		1,536	1,715	1,794	1,935	1,928	1,507	1,564	
Total persons	32	37	41	37	40	40	41		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/MI Tx Need	54.5%	56.4%	56.7%	57.3%	60.0%	56.4%	62.1%		55.5%	57.0%	57.1%	56.8%	58.2%	56.4%	58.9%	
Persons w/MI Tx Need	387	439	461	493	523	434	510		6,632	7,330	7,950	8,430	8,384	6,833	7,196	
Total persons	710	779	813	860	871	770	821		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/MI Tx Need	72.1%	72.9%	70.7%	71.2%	73.3%	70.4%	71.8%		71.3%	71.8%	70.9%	69.9%	71.6%	70.0%	70.7%	
Persons w/MI Tx Need	387	439	461	493	523	434	510		55,989	57,443	58,839	60,416	58,016	42,681	42,349	
Total persons	1,975	1,902	1,930	2,097	2,052	1,555	1,582		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/MI Tx Need	59.6%	60.3%	60.3%	61.3%	63.1%	61.1%	66.2%		65%	66%	66%	65%	66%	64%	65%	
Persons w/MI Tx Need	656	694	730	784	814	689	802		28,981	30,796	32,246	33,509	32,670	25,492	25,766	
Total persons	1,100	1,151	1,210	1,280	1,291	1,127	1,212		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/MI Tx Need	72.4%	71.7%	72.0%	72.3%	74.0%	70.6%	74.3%		73.4%	74.0%	73.5%	72.8%	74.3%	72.9%	73.5%	
Persons w/MI Tx Need	1,162	1,129	1,148	1,220	1,228	945	1,031		45,213	46,818	48,086	49,183	47,126	36,082	35,556	
Total persons	1,606	1,575	1,594	1,687	1,659	1,338	1,387		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/MI Tx Need	61.9%	63.5%	60.2%	61.5%	63.9%	61.3%	63.6%		63.8%	64.6%	63.5%	62.5%	63.9%	61.6%	62.8%	
Persons w/MI Tx Need	926	964	964	1,076	1,114	852	925		40,376	42,128	43,763	45,522	44,295	32,672	33,224	
Total persons	1,496	1,517	1,601	1,751	1,742	1,389	1,454		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Mental Illness Treatment Need Rates

Among Medicaid-Disabled Youth and Adults, by County

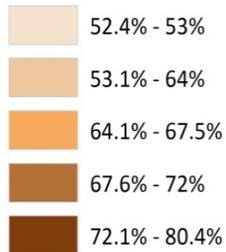
MARCH 2017

SFY 2016

INDICATOR

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

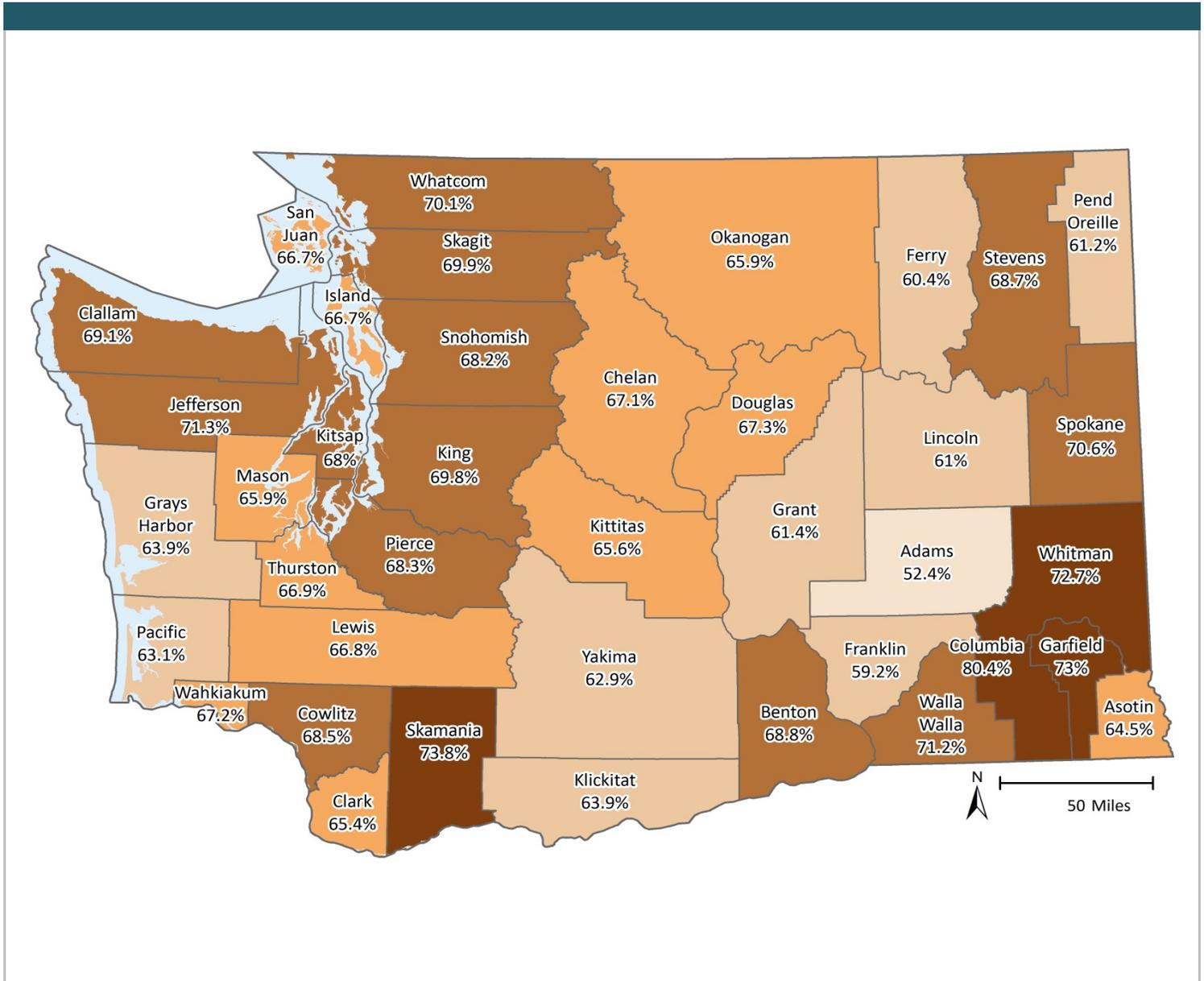
Percent of Medicaid-Disabled Youth and Adults with Mental Illness Tx Need



SOURCE & POPULATION

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

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



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*

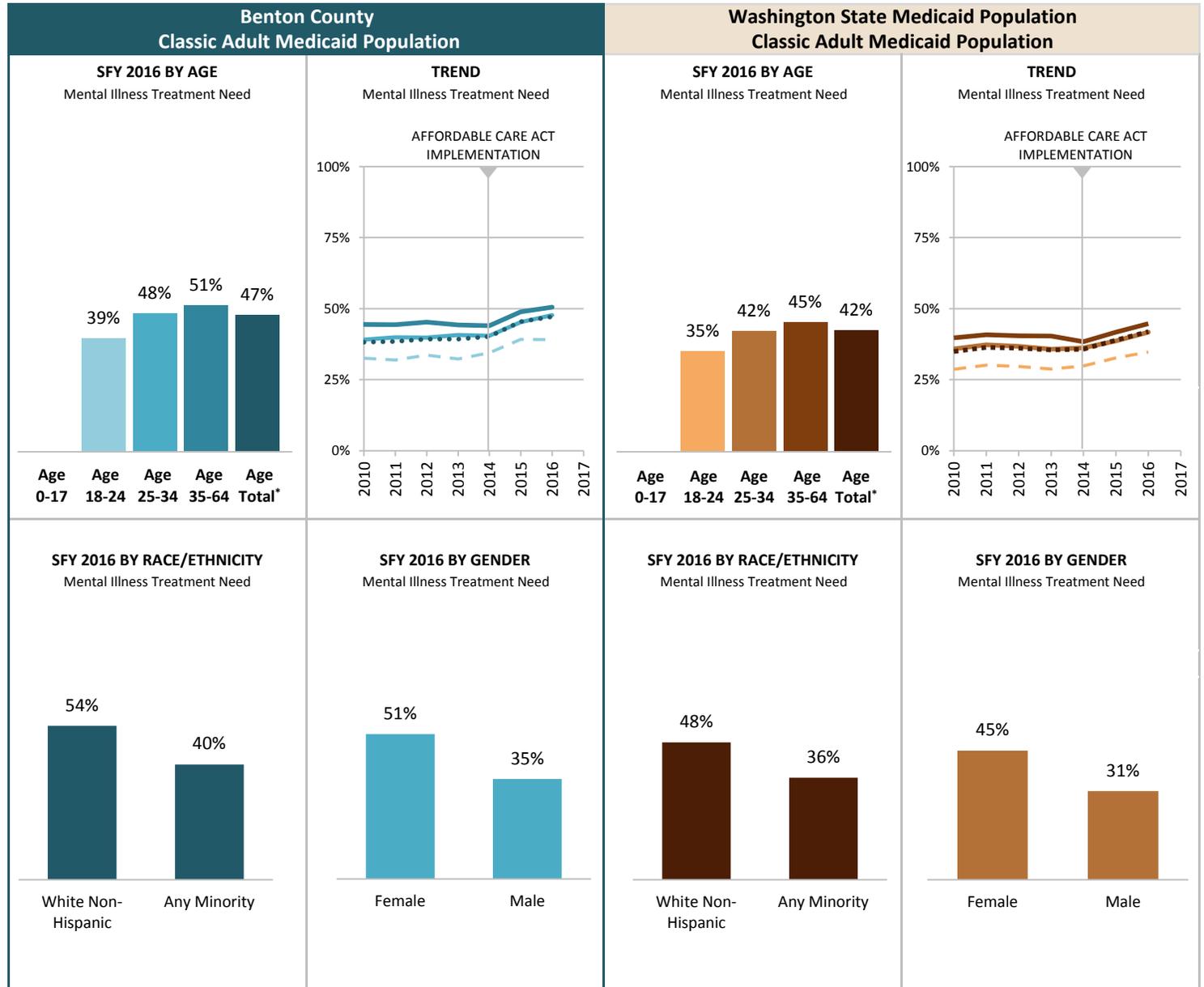
STATE:

- 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

STATE FISCAL YEAR	Benton County								Washington State							
	Classic Adult Medicaid Population								Classic Adult Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 0-17 w/MI Tx Need																
Persons w/MI Tx Need																
Total persons																
Age 18-24 w/MI Tx Need	32.6%	31.9%	33.7%	32.3%	34.5%	39.2%	39.1%		28.7%	30.1%	29.7%	28.7%	29.8%	32.6%	34.7%	
Persons w/MI Tx Need	618	566	573	517	540	528	464		15,375	16,033	14,930	13,440	12,554	11,331	10,376	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/MI Tx Need	39.1%	39.9%	39.8%	40.7%	40.4%	45.3%	47.7%		35.8%	37.3%	36.7%	35.8%	36.2%	38.7%	41.7%	
Persons w/MI Tx Need	922	956	948	989	1,108	1,327	1,383		28,470	31,662	31,287	30,377	32,525	35,327	36,407	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/MI Tx Need	44.4%	44.3%	45.2%	44.2%	44.0%	48.9%	50.5%		39.8%	40.8%	40.5%	40.4%	38.3%	41.8%	44.7%	
Persons w/MI Tx Need	624	608	626	688	954	1,224	1,242		21,490	23,840	24,285	24,437	29,616	36,246	38,210	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/MI Tx Need	38.2%	38.4%	39.3%	39.3%	40.2%	45.4%	47.2%		34.9%	36.4%	36.1%	35.5%	35.7%	38.9%	41.9%	
Persons w/MI Tx Need	2,164	2,130	2,147	2,194	2,602	3,079	3,089		65,335	71,535	70,502	68,254	74,695	82,904	84,993	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	48.1%	49.8%	51.6%	49.1%	50.0%	57.0%	63.2%		46.5%	47.5%	46.8%	46.0%	47.2%	50.5%	53.6%	
Persons w/MI Tx Need	125	118	112	106	120	146	160		7,306	7,620	7,435	7,139	7,323	7,455	7,387	
Total persons	260	237	217	216	240	256	253		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/MI Tx Need	22.0%	25.4%	23.1%	28.8%	31.0%	25.9%	37.4%		22.5%	22.9%	23.7%	23.4%	21.8%	24.1%	26.6%	
Persons w/MI Tx Need	26	31	28	44	52	50	65		2,012	2,256	2,464	2,448	2,794	3,336	3,539	
Total persons	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/MI Tx Need	34.8%	36.9%	37.2%	41.3%	43.0%	45.3%	49.3%		31.3%	33.3%	32.6%	31.5%	32.7%	35.4%	38.0%	
Persons w/MI Tx Need	81	97	105	124	136	145	142		6,407	7,327	7,285	7,088	7,623	7,997	8,081	
Total persons	233	263	282	300	316	320	288		20,472	22,019	22,359	22,509	23,300	26,218	21,247	
Hawaiian/PI w/MI Tx Need	35.1%	30.2%	39.4%	27.6%	25.0%	26.5%	31.5%		21.3%	22.5%	22.2%	21.6%	21.9%	24.2%	26.4%	
Persons w/MI Tx Need	20	19	28	24	26	39	45		1,406	1,619	1,703	1,734	2,028	2,430	2,552	
Total persons	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/MI Tx Need	30.9%	31.0%	31.6%	31.0%	32.1%	38.6%	38.5%		28.4%	29.5%	29.6%	28.9%	28.7%	32.5%	35.0%	
Persons w/MI Tx Need	532	539	549	562	717	901	873		7,938	8,918	9,178	8,972	10,522	12,537	12,907	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/MI Tx Need	44.1%	44.2%	45.1%	45.2%	46.4%	51.7%	53.9%		38.8%	40.6%	40.3%	39.9%	40.6%	44.4%	47.9%	
Persons w/MI Tx Need	532	539	549	562	717	901	873		42,400	46,084	45,054	43,542	47,321	52,141	53,278	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/MI Tx Need	32.2%	32.9%	33.4%	33.2%	34.0%	39.2%	40.4%		31%	32%	32%	31%	30%	33%	36%	
Persons w/MI Tx Need	717	745	749	790	971	1,185	1,176		22,085	24,464	24,585	23,928	26,494	29,661	30,248	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/MI Tx Need	41.9%	41.7%	42.5%	42.4%	43.9%	49.2%	50.7%		38.0%	39.7%	39.3%	38.6%	39.1%	42.2%	45.0%	
Persons w/MI Tx Need	1,849	1,796	1,815	1,847	2,168	2,571	2,581		55,194	59,991	59,188	57,534	62,765	69,738	71,499	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/MI Tx Need	25.2%	27.1%	27.9%	28.3%	28.2%	32.7%	35.0%		24.1%	25.4%	25.2%	24.8%	24.5%	27.7%	30.9%	
Persons w/MI Tx Need	315	334	332	347	434	508	508		10,141	11,544	11,314	10,720	11,930	13,166	13,494	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		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

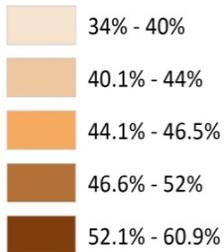
MARCH 2017

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.

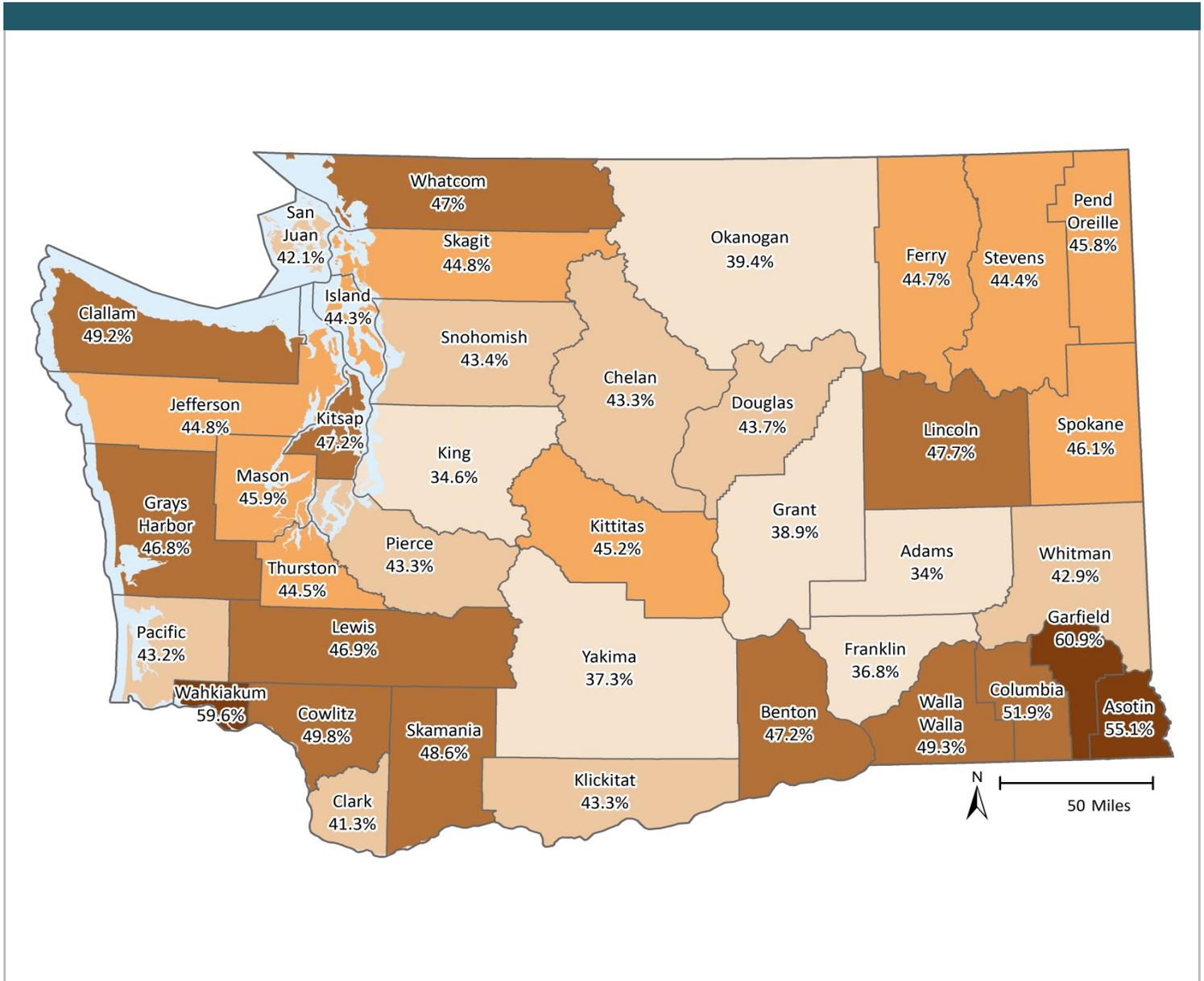
Percent of Medicaid-Classic Adults with Mental Illness Tx Need



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*

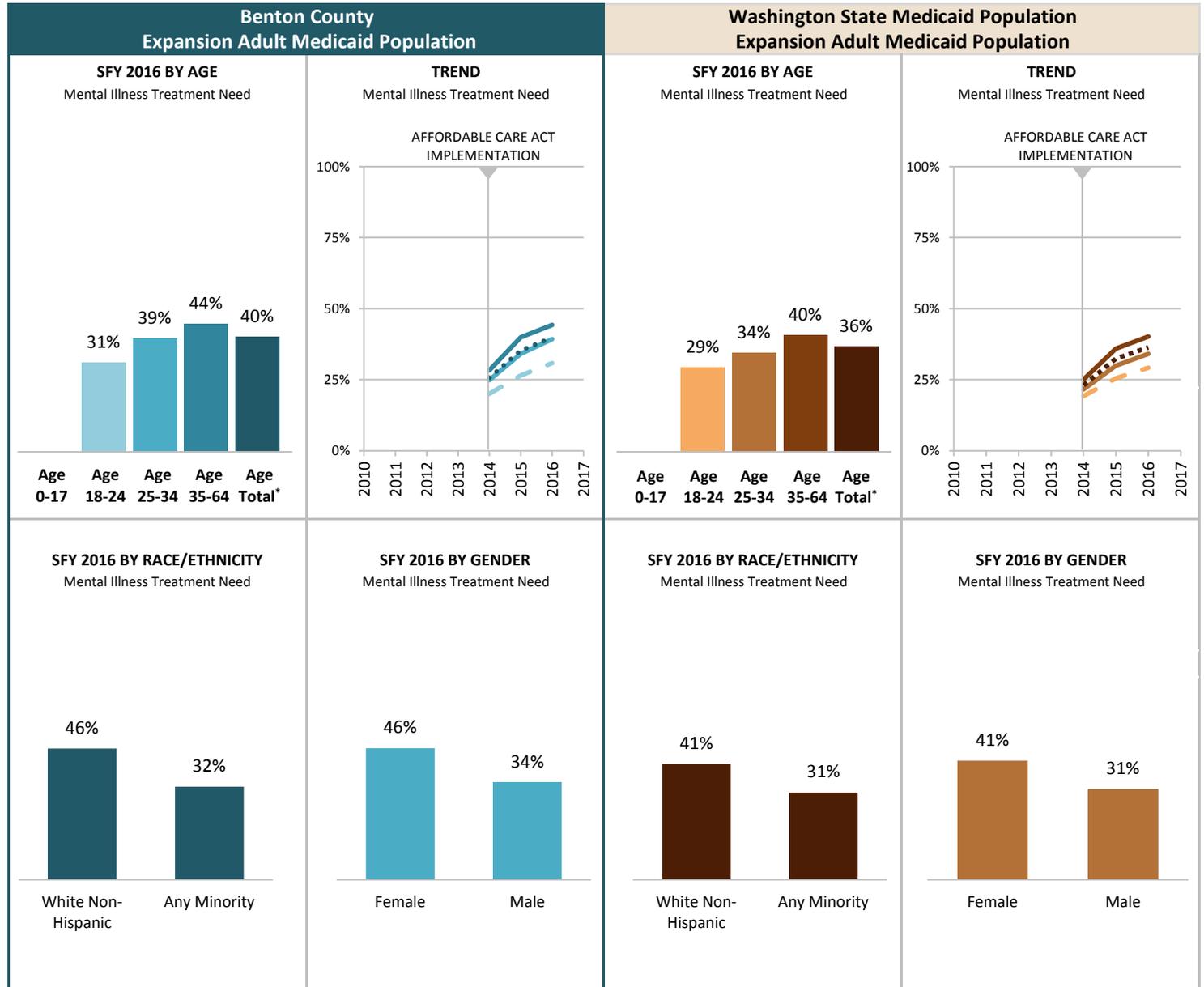
STATE:

- 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	Benton 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					20.0%	26.5%	30.9%						19.3%	25.5%	29.2%	
Persons w/MI Tx Need					336	799	1,083						11,523	26,376	35,007	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/MI Tx Need					24.9%	34.1%	39.2%						21.6%	30.0%	34.1%	
Persons w/MI Tx Need					626	1,530	2,046						22,106	53,137	69,766	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/MI Tx Need					28.3%	39.9%	44.3%						25.0%	35.9%	40.2%	
Persons w/MI Tx Need					1,198	2,821	3,448						49,579	113,856	138,768	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total¹ w/MI Tx Need					25.6%	35.3%	39.8%						23.1%	32.3%	36.4%	
Persons w/MI Tx Need					2,160	5,150	6,577						83,208	193,369	243,541	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need					40.3%	46.5%	52.3%						35.5%	44.7%	47.3%	
Persons w/MI Tx Need					91	212	277						5,962	13,594	16,692	
Total persons					226	456	530						16,783	30,399	35,266	
Asian w/MI Tx Need					11.7%	19.2%	22.8%						11.1%	18.2%	21.8%	
Persons w/MI Tx Need					35	91	122						3,650	8,823	11,294	
Total persons					298	473	535						32,924	48,483	51,833	
Black w/MI Tx Need					22.9%	32.3%	36.1%						19.4%	29.9%	33.2%	
Persons w/MI Tx Need					69	182	230						5,495	14,676	18,660	
Total persons					301	563	638						28,284	49,017	56,142	
Hawaiian/PI w/MI Tx Need					15.6%	22.8%	28.5%						14.2%	21.2%	24.5%	
Persons w/MI Tx Need					21	52	70						1,627	4,325	5,743	
Total persons					135	228	246						11,451	20,416	23,467	
Hispanic w/MI Tx Need					17.8%	27.1%	31.6%						17.3%	26.0%	30.3%	
Persons w/MI Tx Need					456	1,173	1,571						9,053	22,001	29,358	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/MI Tx Need					30.6%	40.8%	45.8%						26.9%	36.5%	40.7%	
Persons w/MI Tx Need					456	1,173	1,571						58,254	131,865	163,838	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/MI Tx Need					19.1%	28.0%	32.4%						18%	27%	31%	
Persons w/MI Tx Need					634	1,582	2,097						23,326	57,043	73,298	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/MI Tx Need					29.6%	40.3%	45.8%						26.5%	36.8%	41.4%	
Persons w/MI Tx Need					1,251	2,877	3,732						47,466	107,650	135,980	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/MI Tx Need					21.6%	30.6%	34.0%						19.7%	28.1%	31.5%	
Persons w/MI Tx Need					909	2,273	2,845						35,742	85,719	107,561	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

Mental Illness Treatment Need Rates

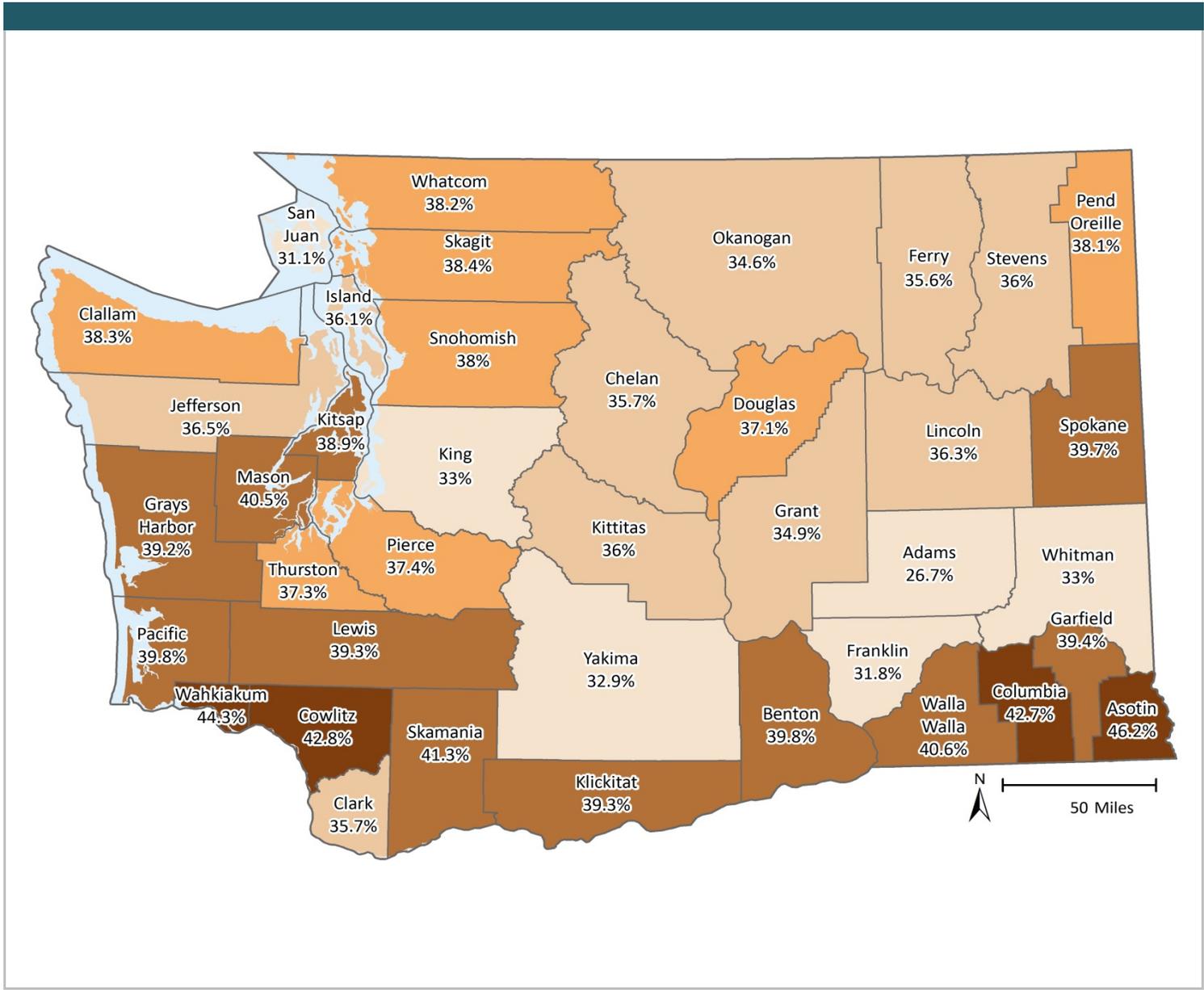
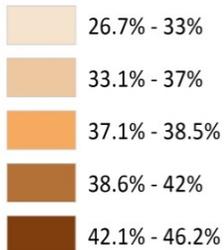
Among Medicaid-Expansion Adults, by County

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*

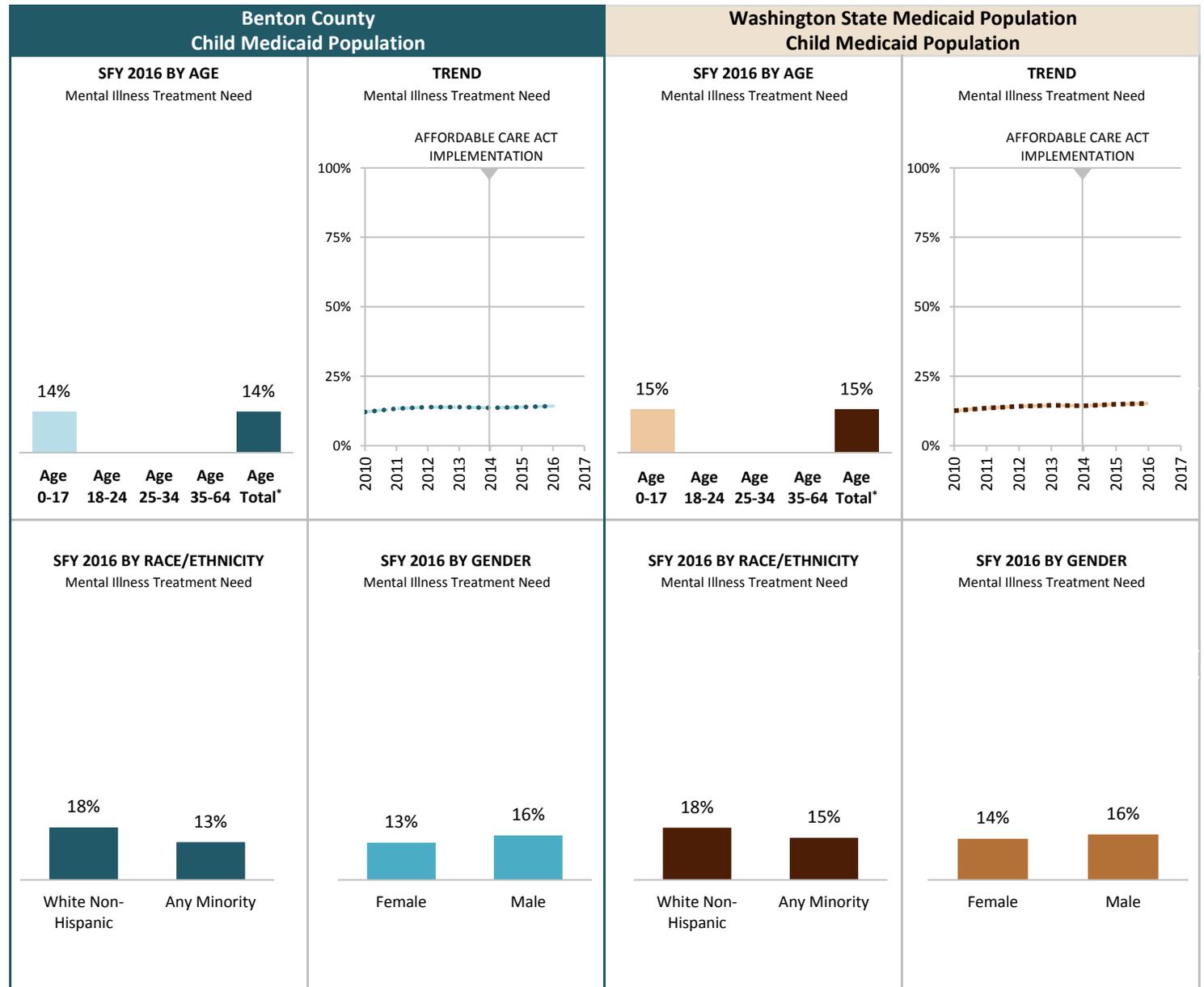
STATE:

- 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

	Benton 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	12.2%	13.4%	13.9%	13.9%	13.6%	13.9%	14.3%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	2,317	2,640	2,864	3,027	3,174	3,410	3,691		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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	12.2%	13.4%	13.9%	13.9%	13.6%	13.9%	14.3%		12.6%	13.6%	14.2%	14.5%	14.4%	14.9%	15.2%	
Persons w/MI Tx Need	2,317	2,640	2,864	3,027	3,174	3,410	3,691		78,597	88,718	94,619	98,214	102,221	109,243	116,055	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/MI Tx Need	23.7%	26.0%	30.3%	30.8%	29.1%	28.0%	26.7%		25.0%	25.5%	26.1%	26.6%	26.6%	27.0%	27.2%	
Persons w/MI Tx Need	128	143	154	156	146	148	135		10,124	10,518	10,803	11,016	10,988	11,075	11,107	
Total persons	539	551	508	506	502	528	505		40,515	41,202	41,376	41,439	41,319	41,049	40,882	
Asian w/MI Tx Need	6.9%	9.7%	9.1%	8.5%	8.4%	9.4%	10.4%		8.2%	9.2%	10.1%	10.5%	10.4%	11.0%	11.4%	
Persons w/MI Tx Need	29	44	46	50	54	61	69		2,945	3,535	4,027	4,280	4,588	5,018	5,242	
Total persons	421	454	508	589	644	652	665		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/MI Tx Need	18.3%	19.4%	20.2%	19.5%	18.4%	16.1%	16.5%		15.2%	16.5%	16.9%	17.1%	17.1%	17.6%	17.7%	
Persons w/MI Tx Need	166	177	202	214	211	192	202		9,732	10,966	11,601	11,996	12,406	12,998	13,410	
Total persons	905	914	999	1,095	1,146	1,190	1,222		64,150	66,662	68,598	70,134	72,601	74,010	75,736	
Hawaiian/PI w/MI Tx Need	8.1%	10.1%	9.7%	8.0%	11.1%	11.2%	9.7%		8.5%	9.4%	10.3%	10.7%	10.9%	11.2%	11.1%	
Persons w/MI Tx Need	23	31	35	33	48	54	48		2,047	2,482	2,869	3,122	3,356	3,641	3,824	
Total persons	284	306	360	412	434	483	496		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/MI Tx Need	9.0%	10.7%	11.9%	12.2%	12.0%	12.5%	13.0%		9.3%	10.7%	11.7%	12.2%	12.4%	13.2%	13.7%	
Persons w/MI Tx Need	820	1,018	1,178	1,259	1,309	1,432	1,561		17,602	21,231	23,874	25,391	26,865	29,350	31,475	
Total persons	9,144	9,517	9,880	10,356	10,921	11,437	11,964		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/MI Tx Need	16.9%	17.9%	17.5%	17.8%	17.5%	17.6%	18.4%		15.6%	16.5%	17.0%	17.4%	17.1%	17.7%	18.3%	
Persons w/MI Tx Need	820	1,018	1,178	1,259	1,309	1,432	1,561		41,012	45,050	46,938	48,308	50,093	53,199	56,192	
Total persons	7,268	7,354	7,631	7,984	8,674	9,181	9,435		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/MI Tx Need	10.0%	11.6%	12.8%	12.8%	12.5%	12.9%	13.3%		11%	13%	13%	14%	14%	14%	15%	
Persons w/MI Tx Need	1,061	1,275	1,467	1,554	1,602	1,720	1,846		36,497	41,975	45,769	47,952	49,979	53,474	56,412	
Total persons	10,570	10,991	11,447	12,098	12,767	13,375	13,930		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/MI Tx Need	11.0%	12.0%	12.2%	12.3%	12.3%	12.7%	13.0%		11.4%	12.3%	12.8%	13.3%	13.3%	14.0%	14.4%	
Persons w/MI Tx Need	1,032	1,167	1,246	1,322	1,412	1,542	1,669		35,149	39,693	42,300	44,175	46,483	50,562	54,303	
Total persons	9,388	9,727	10,243	10,747	11,468	12,150	12,802		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/MI Tx Need	13.3%	14.7%	15.6%	15.4%	14.9%	15.0%	15.5%		13.8%	14.8%	15.5%	15.8%	15.5%	15.8%	15.9%	
Persons w/MI Tx Need	1,285	1,473	1,618	1,705	1,762	1,868	2,022		43,448	49,025	52,319	54,039	55,738	58,681	61,752	
Total persons	9,653	9,991	10,398	11,094	11,805	12,423	13,032		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Mental Illness Treatment Need Rates

Among Medicaid-Children, by County

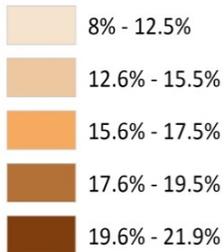
MARCH 2017

SFY 2016

INDICATOR

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

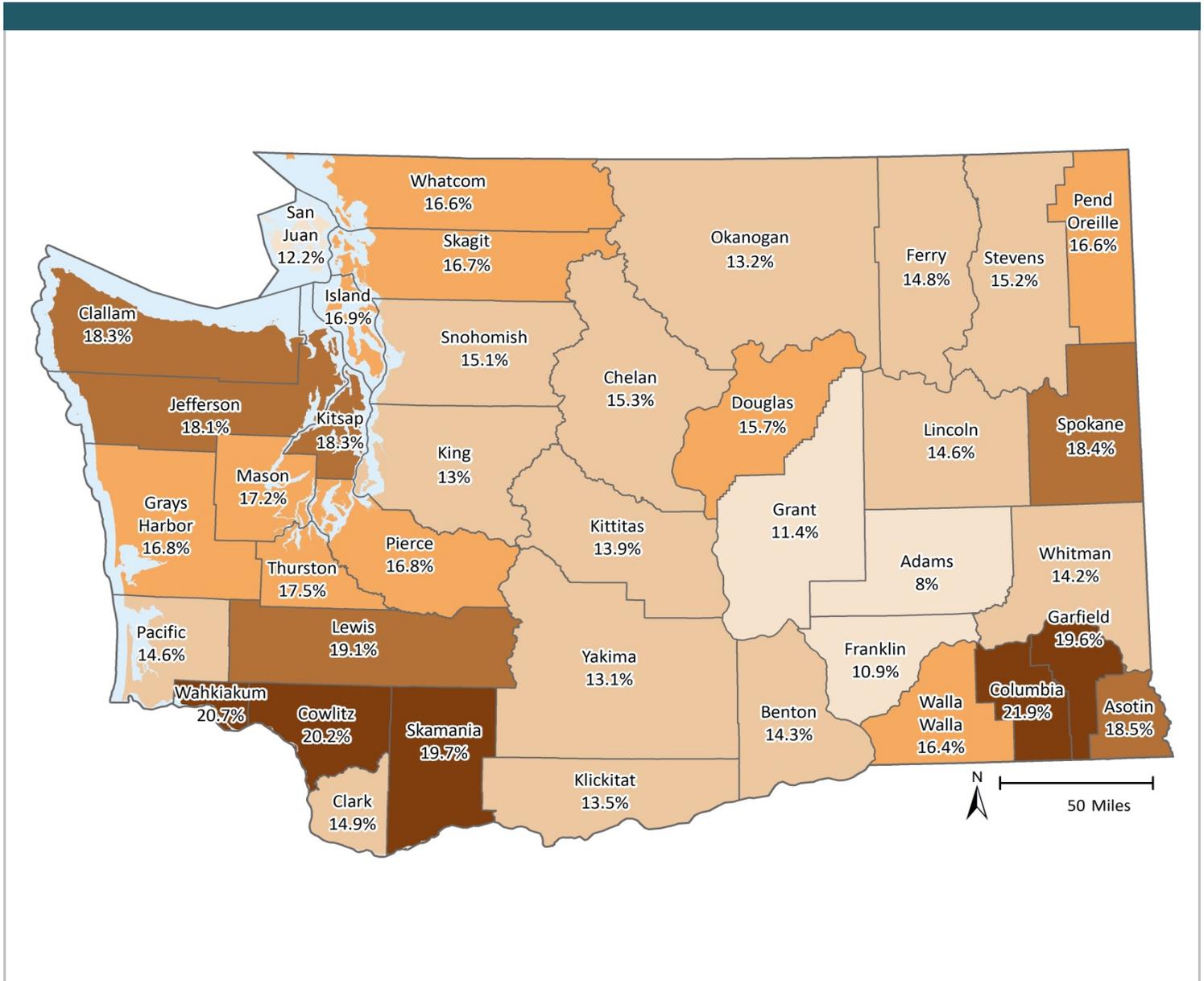
Percent of Medicaid-Children with Mental Illness Tx Need



SOURCE & POPULATION

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

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



Substance Use Disorder Treatment Need

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR by Medicaid Sub-Population	Benton 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	28.2%	29.1%	27.4%	27.1%	29.0%	26.2%	28.4%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx Need	761	779	760	813	862	599	684		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	16.5%	15.8%	14.9%	14.4%	15.1%	14.7%	16.6%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx Need	934	875	815	805	976	996	1,086		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					12.3%	16.5%	18.9%						12.3%	16.4%	17.6%	
Persons w/SUD Tx Need					1,036	2,406	3,120						44,496	98,286	117,882	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	4.8%	5.4%	4.9%	5.5%	5.5%	4.7%	4.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	222	262	255	309	337	308	303		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		162,627	173,386	178,968	183,694	198,942	207,420	218,447	

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

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

Substance Use Disorder Treatment Need

INDICATOR

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

COUNTY:

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

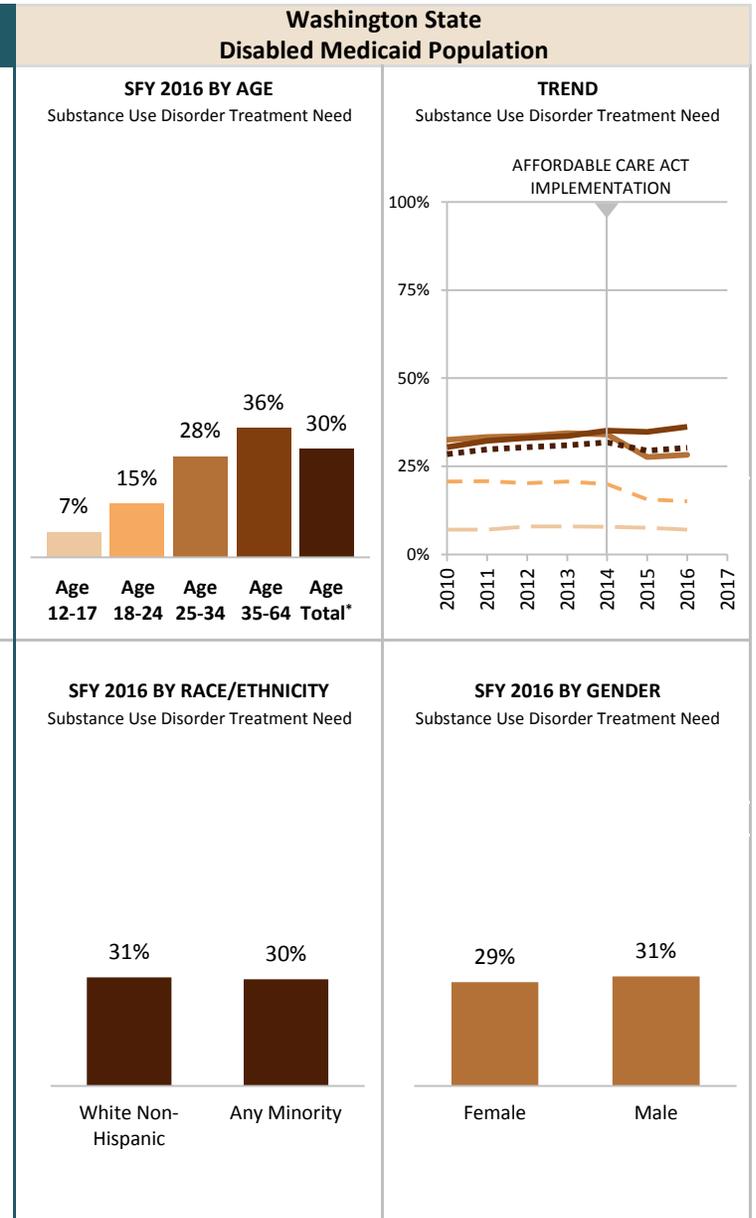
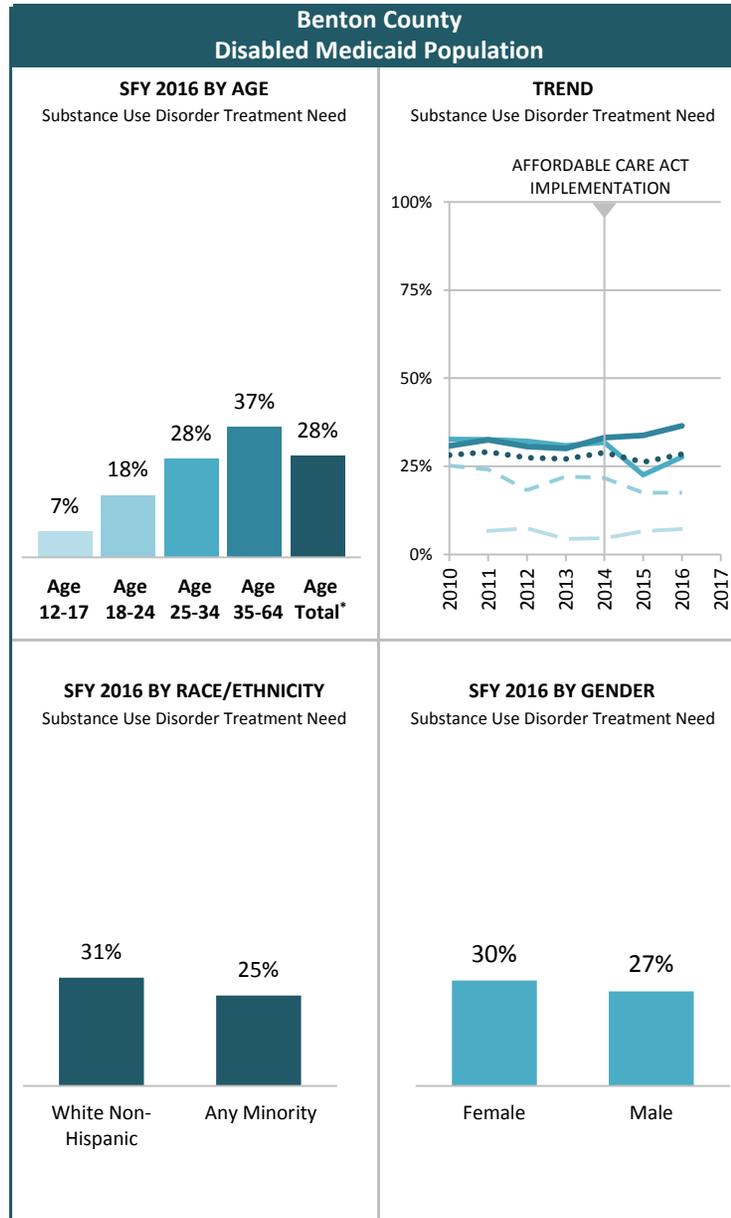
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Benton County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need		6.7%	7.5%	4.5%	4.6%	6.6%	7.2%		7.0%	7.1%	7.9%	8.0%	7.9%	7.6%	7.1%	
Persons w/SUD Tx Need		16	18	11	12	18	22		447	466	550	579	582	565	553	
Total persons	229	240	241	245	259	273	304		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/SUD Tx Need	25.2%	24.1%	18.3%	22.2%	21.7%	17.5%	17.5%		20.7%	20.8%	20.3%	20.7%	20.0%	15.6%	15.1%	
Persons w/SUD Tx Need	93	85	60	84	84	56	62		2,577	2,606	2,546	2,636	2,374	1,529	1,454	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/SUD Tx Need	32.7%	32.6%	32.1%	30.9%	31.8%	22.6%	27.6%		32.5%	33.3%	33.6%	34.4%	34.1%	27.6%	28.3%	
Persons w/SUD Tx Need	170	167	162	159	164	93	120		5,513	5,825	6,171	6,661	6,273	3,767	3,852	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/SUD Tx Need	30.8%	32.5%	30.7%	30.1%	33.2%	33.8%	36.5%		30.5%	32.2%	33.1%	33.6%	35.1%	34.8%	36.3%	
Persons w/SUD Tx Need	488	511	520	559	602	432	480		23,995	26,177	28,237	30,127	29,479	21,092	21,461	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/SUD Tx Need	28.2%	29.1%	27.4%	27.1%	29.0%	26.2%	28.4%		28.4%	29.8%	30.4%	31.0%	31.8%	29.4%	30.3%	
Persons w/SUD Tx need	761	779	760	813	862	599	684		32,532	35,074	37,504	40,003	38,708	26,953	27,320	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	31.5%	38.9%	35.0%	34.5%	29.2%	35.3%	45.5%		41.5%	42.8%	42.7%	43.3%	44.1%	42.3%	42.8%	
Persons w/SUD Tx Need	51	61	55	58	49	48	71		4,848	5,139	5,311	5,601	5,404	4,018	3,962	
Total persons	162	157	157	168	168	136	156		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/SUD Tx Need	25.7%	23.2%	27.5%	17.6%					14.8%	16.0%	16.8%	17.8%	17.9%	15.4%	16.6%	
Persons w/SUD Tx Need	19	16	19	12					855	943	1,006	1,123	1,065	705	740	
Total persons	74	69	69	68	66	53	61		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/SUD Tx Need	36.1%	35.9%	31.3%	26.9%	26.3%	24.7%	29.8%		35.4%	36.4%	36.6%	37.0%	36.8%	33.8%	34.0%	
Persons w/SUD Tx Need	53	56	52	49	50	39	51		4,970	5,357	5,767	6,166	5,916	4,174	4,197	
Total persons	147	156	166	182	190	158	171		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Hawaiian/PI w/SUD Tx Need	37.9%		34.2%						21.3%	22.3%	23.1%	23.1%	22.5%	18.3%	21.2%	
Persons w/SUD Tx Need	11		13						494	561	605	653	617	383	445	
Total persons	29	32	38	34	32	31	31		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/SUD Tx Need	19.3%	21.3%	21.0%	18.5%	21.3%	17.1%	20.5%		23.3%	24.8%	25.3%	24.9%	25.2%	21.5%	23.2%	
Persons w/SUD Tx Need	100	121	127	121	141	95	125		2,097	2,414	2,696	2,854	2,778	1,878	2,067	
Total persons	519	567	605	653	662	556	610		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/SUD Tx Need	30.2%	30.8%	28.7%	29.9%	32.4%	30.0%	30.6%		27.7%	29.2%	30.1%	30.8%	32.0%	29.8%	30.8%	
Persons w/SUD Tx Need	547	536	507	575	612	417	435		20,527	22,085	23,588	25,164	24,481	16,906	17,110	
Total persons	1,809	1,741	1,766	1,920	1,889	1,390	1,422		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/SUD Tx Need	24.4%	26.4%	25.6%	22.5%	23.4%	20.8%	25.5%		31%	32%	32%	32%	32%	30%	30%	
Persons w/SUD Tx Need	213	240	247	233	245	180	243		11,918	12,864	13,735	14,653	14,057	9,923	10,076	
Total persons	874	908	964	1,036	1,046	865	953		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/SUD Tx Need	25.9%	28.1%	26.1%	25.6%	27.5%	26.4%	29.9%		24.4%	25.7%	26.6%	27.2%	28.4%	28.1%	29.5%	
Persons w/SUD Tx Need	379	401	378	395	416	315	372		14,101	15,233	16,342	17,286	16,918	12,802	13,119	
Total persons	1,466	1,425	1,447	1,542	1,513	1,193	1,244		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/SUD Tx Need	30.9%	30.2%	28.9%	28.7%	30.5%	26.0%	26.8%		32.6%	34.0%	34.3%	34.6%	35.1%	30.8%	31.1%	
Persons w/SUD Tx Need	382	378	382	418	446	284	312		18,431	19,841	21,162	22,717	21,790	14,151	14,201	
Total persons	1,236	1,251	1,322	1,454	1,464	1,091	1,163		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

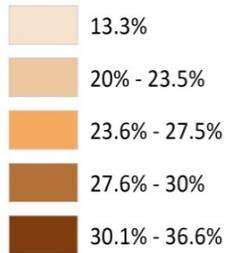
MARCH 2017

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.

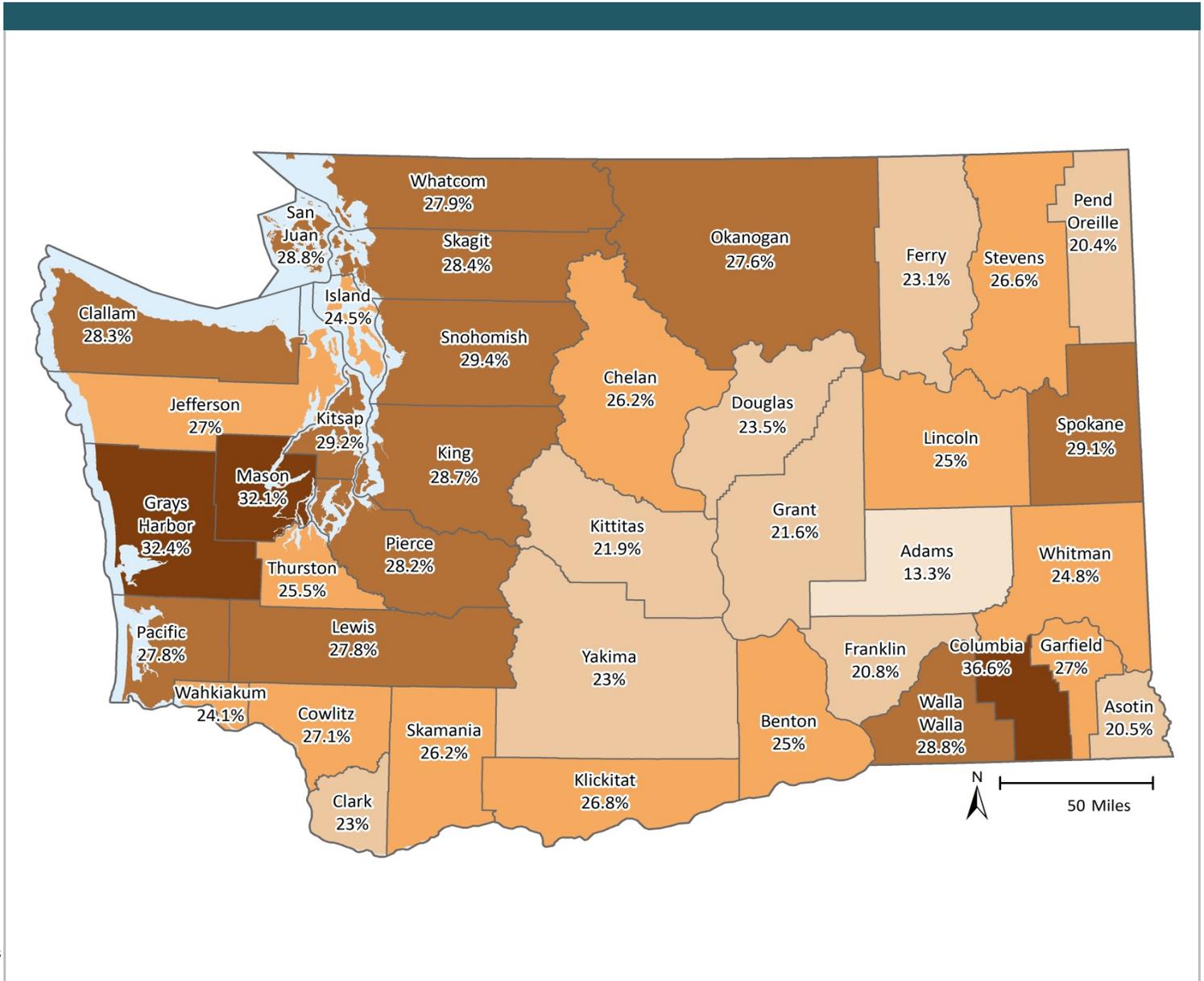
Percent of Medicaid-Disabled Youth and Adults with Substance Use Disorder Tx Need



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.



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*

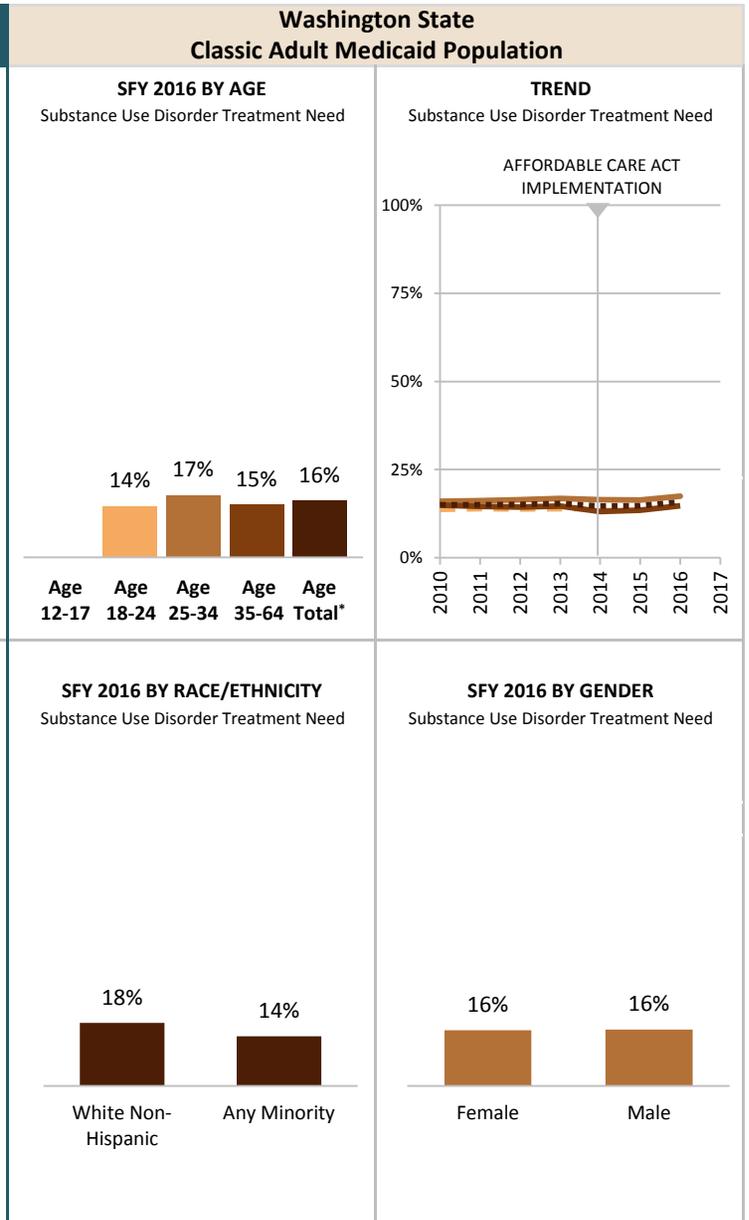
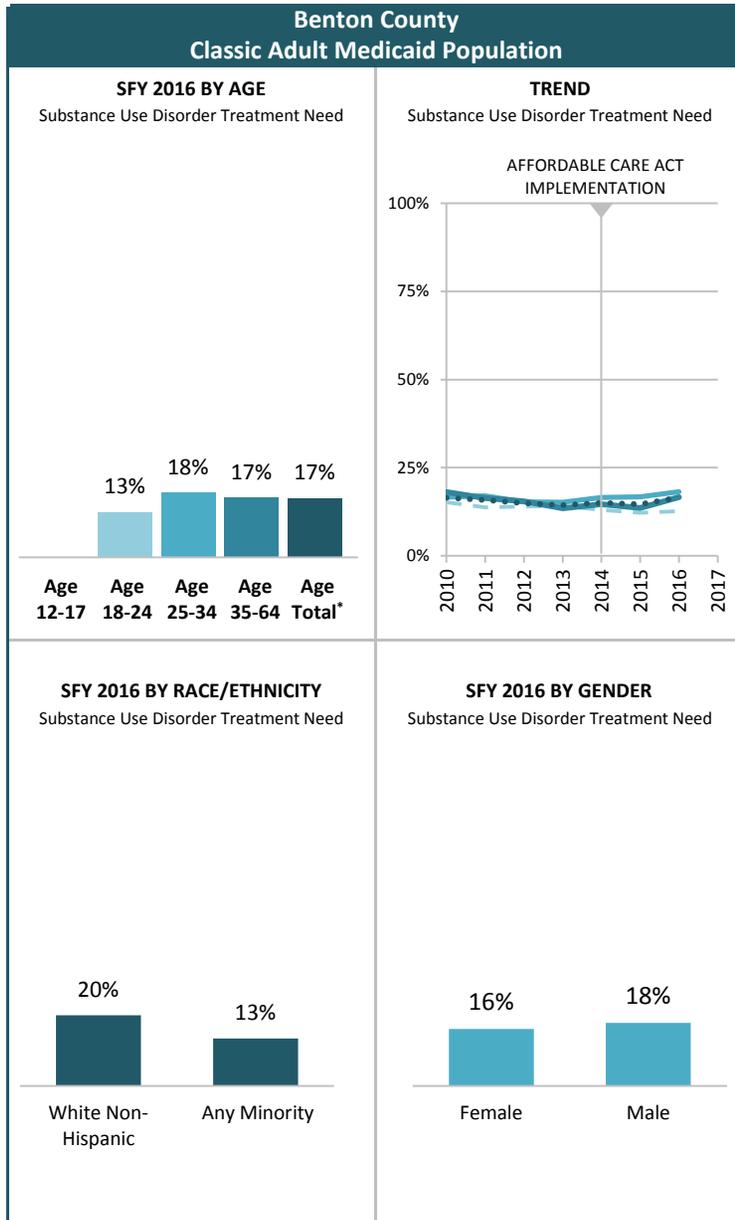
STATE:

- 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	Benton County								Washington State							
	Classic Adult Medicaid Population								Classic Adult Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need	15.2%	13.8%	14.0%	14.1%	13.1%	12.3%	12.6%		13.5%	13.7%	13.5%	13.7%	13.6%	13.6%	14.3%	
Persons w/SUD Tx Need	288	244	238	226	205	165	150		7,255	7,270	6,809	6,406	5,740	4,723	4,276	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/SUD Tx Need	16.6%	17.0%	15.3%	15.2%	16.5%	16.7%	18.1%		16.0%	16.2%	16.5%	16.8%	16.5%	16.3%	17.5%	
Persons w/SUD Tx Need	392	407	363	369	453	491	526		12,715	13,723	14,035	14,300	14,820	14,935	15,275	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/SUD Tx Need	18.1%	16.3%	15.5%	13.5%	14.7%	13.6%	16.7%		14.9%	14.6%	14.4%	14.7%	13.1%	13.5%	14.7%	
Persons w/SUD Tx Need	254	224	214	210	318	340	410		8,073	8,493	8,614	8,876	10,132	11,718	12,599	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/SUD Tx Need	16.5%	15.8%	14.9%	14.4%	15.1%	14.7%	16.6%		15.0%	15.0%	15.1%	15.4%	14.7%	14.7%	15.9%	
Persons w/SUD Tx need	934	875	815	805	976	996	1,086		28,043	29,486	29,458	29,582	30,692	31,376	32,150	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	29.6%	26.6%	29.5%	24.1%	22.9%	26.6%	29.6%		30.9%	30.6%	31.1%	31.3%	30.8%	30.9%	32.6%	
Persons w/SUD Tx Need	77	63	64	52	55	68	75		4,866	4,917	4,931	4,868	4,776	4,558	4,490	
Total persons	260	237	217	216	240	256	253		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/SUD Tx Need	11.0%	9.8%	11.6%	10.5%	12.5%	11.9%	16.1%		10.4%	10.1%	9.7%	10.0%	8.8%	8.1%	8.8%	
Persons w/SUD Tx Need	13	12	14	16	21	23	28		926	997	1,005	1,042	1,135	1,123	1,170	
Total persons	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/SUD Tx Need	25.3%	20.2%	16.3%	15.7%	19.0%	15.0%	17.4%		15.1%	14.9%	14.6%	14.4%	14.5%	14.6%	15.6%	
Persons w/SUD Tx Need	59	53	46	47	60	48	50		3,085	3,282	3,257	3,241	3,382	3,309	3,320	
Total persons	233	263	282	300	316	320	288		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Hawaiian/PI w/SUD Tx Need			15.5%	12.6%	13.5%	10.9%	15.4%		10.4%	10.6%	10.4%	10.3%	9.7%	9.5%	10.0%	
Persons w/SUD Tx Need			11	11	14	16	22			689	762	800	822	899	958	967
Total persons			57	63	71	104	143			6,597	7,206	7,668	8,012	9,280	10,049	9,680
Hispanic w/SUD Tx Need	13.8%	11.3%	12.0%	10.8%	10.8%	10.3%	11.7%		11.8%	11.7%	11.5%	11.7%	10.4%	10.0%	10.9%	
Persons w/SUD Tx Need	237	197	208	196	241	241	265		3,301	3,541	3,580	3,648	3,814	3,871	4,026	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/SUD Tx Need	17.9%	18.6%	16.9%	17.0%	18.1%	17.8%	20.0%		15.3%	15.6%	15.8%	16.3%	15.9%	16.5%	17.9%	
Persons w/SUD Tx Need	580	572	514	513	625	634	686		16,743	17,696	17,638	17,801	18,587	19,364	19,911	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/SUD Tx Need	15.7%	13.2%	13.1%	12.1%	12.2%	11.8%	13.4%		16%	15%	15%	15%	14%	13%	14%	
Persons w/SUD Tx Need	349	299	295	287	348	357	390		11,154	11,650	11,690	11,663	11,975	11,853	12,006	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/SUD Tx Need	15.0%	14.4%	13.7%	13.7%	14.5%	14.2%	16.2%		13.8%	13.9%	14.2%	14.6%	14.3%	14.6%	15.8%	
Persons w/SUD Tx Need	661	620	586	596	716	741	826		19,959	21,011	21,389	21,744	22,974	24,185	25,160	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/SUD Tx Need	21.8%	20.7%	19.2%	17.1%	16.9%	16.4%	17.9%		19.2%	18.6%	18.0%	18.1%	15.9%	15.1%	16.0%	
Persons w/SUD Tx Need	273	255	229	209	260	255	260		8,084	8,475	8,069	7,838	7,718	7,191	6,990	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		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

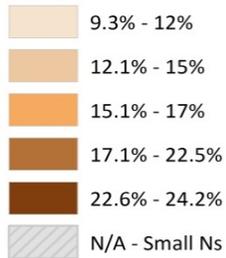
MARCH 2017

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.

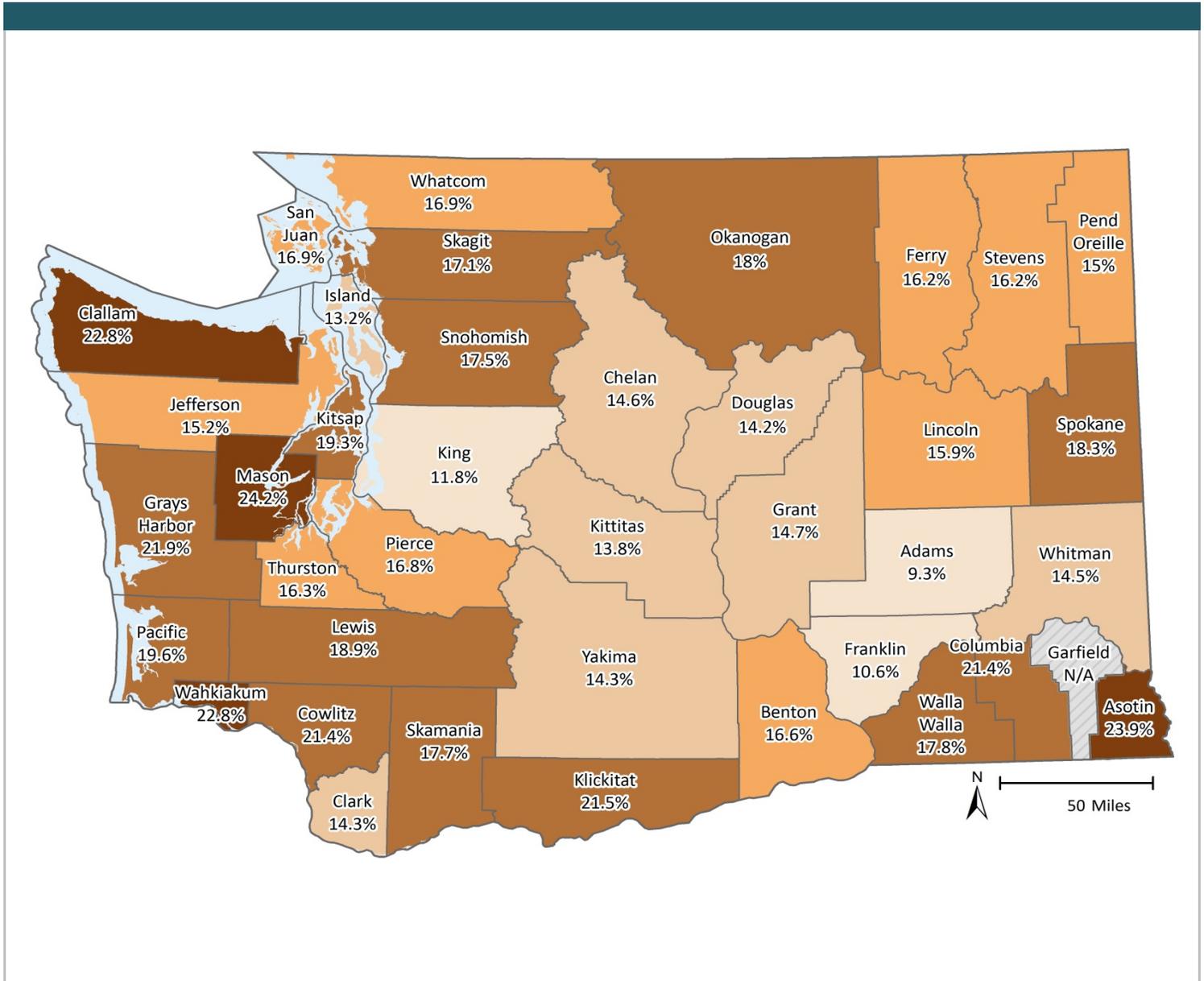
Percent of Medicaid-Classic Adults with Substance Use Disorder Tx Need



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.





Benton County

Behavioral Health Treatment Needs and Outcomes

Substance Use Disorder Treatment Need

INDICATOR

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

COUNTY:

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

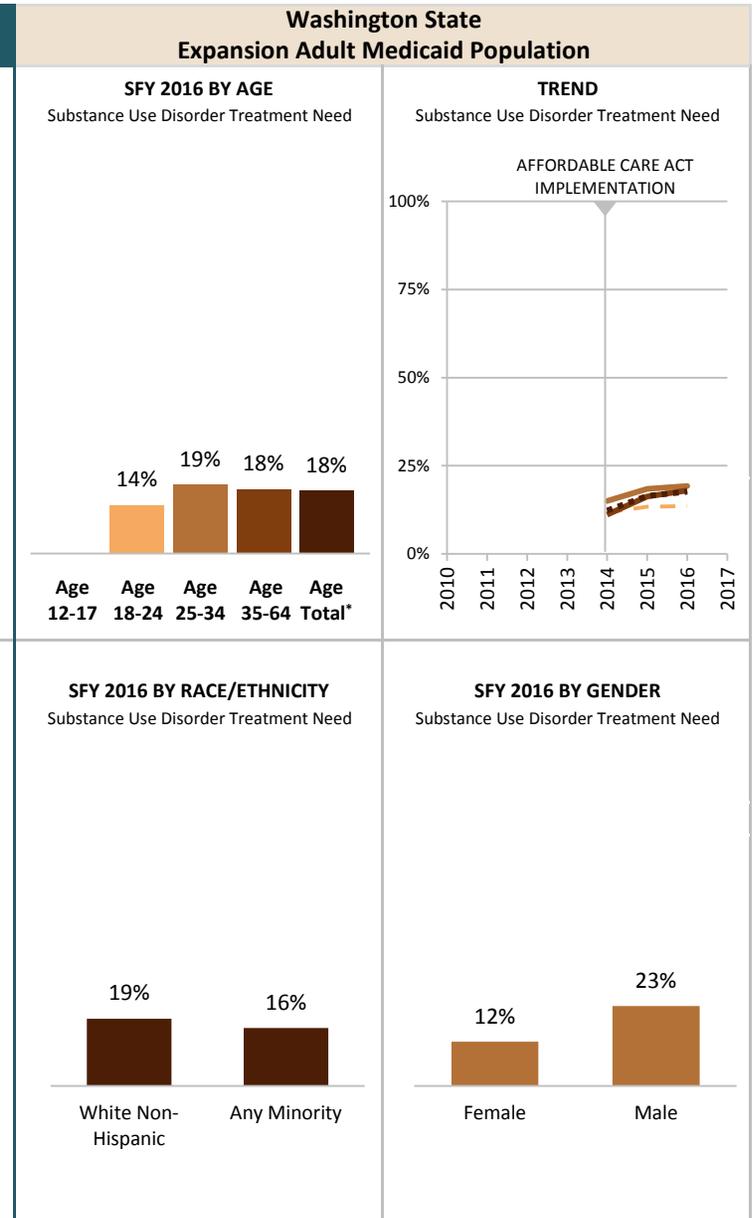
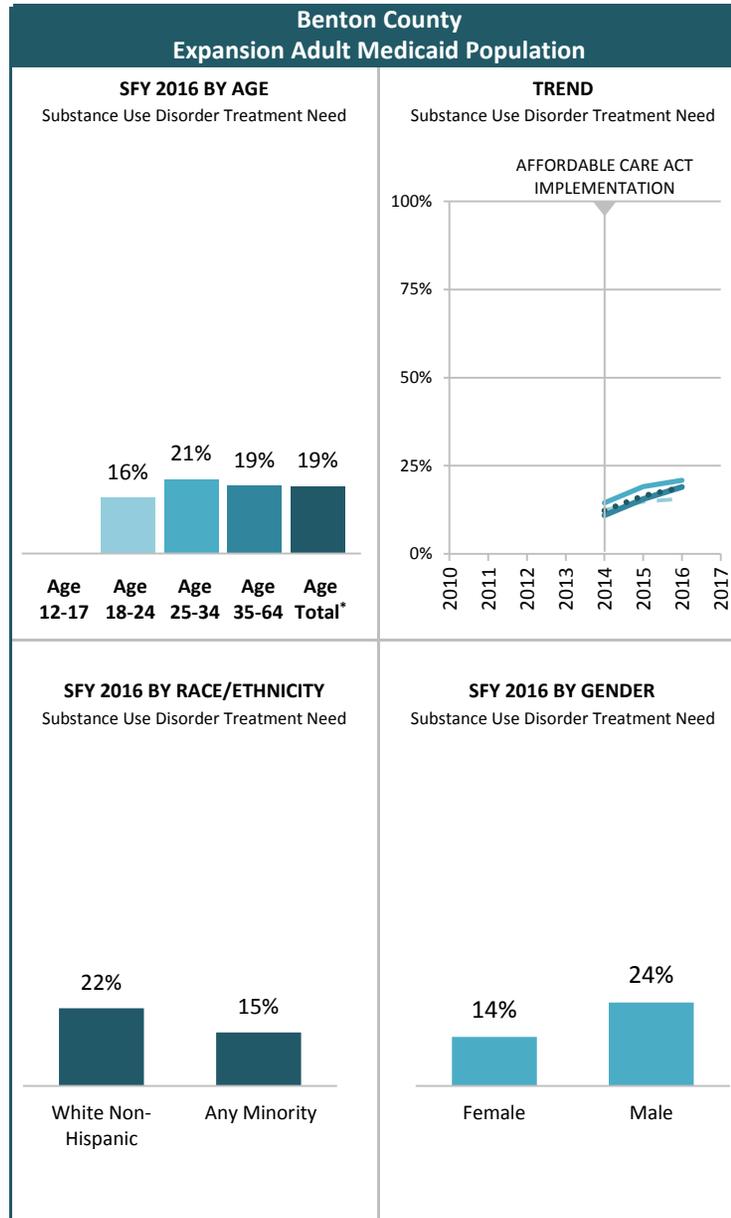
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Substance Use Disorder Treatment Need

STATE FISCAL YEAR	Benton County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 18-24 w/SUD Tx Need					12.4%	14.8%	15.7%						11.8%	13.4%	13.6%	
Persons w/SUD Tx Need					209	447	550						7,068	13,885	16,235	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/SUD Tx Need					14.5%	19.1%	20.9%						15.1%	18.4%	19.3%	
Persons w/SUD Tx Need					364	857	1,088						15,416	32,675	39,531	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/SUD Tx Need					11.0%	15.6%	19.0%						11.1%	16.3%	18.0%	
Persons w/SUD Tx Need					463	1,102	1,482						22,012	51,726	62,116	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total¹ w/SUD Tx Need					12.3%	16.5%	18.9%						12.3%	16.4%	17.6%	
Persons w/SUD Tx need					1,036	2,406	3,120						44,496	98,286	117,882	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need					19.9%	25.7%	29.4%						31.8%	36.9%	37.4%	
Persons w/SUD Tx Need					45	117	156						5,334	11,217	13,193	
Total persons					226	456	530						16,783	30,399	35,266	
Asian w/SUD Tx Need					6.4%	8.7%	9.2%						4.9%	7.1%	8.0%	
Persons w/SUD Tx Need					19	41	49						1,621	3,463	4,132	
Total persons					298	473	535						32,924	48,483	51,833	
Black w/SUD Tx Need					16.9%	22.4%	24.0%						14.7%	19.5%	20.1%	
Persons w/SUD Tx Need					51	126	153						4,155	9,556	11,311	
Total persons					301	563	638						32,924	48,483	51,833	
Hawaiian/PI w/SUD Tx Need					8.1%	13.2%	10.6%						8.7%	10.8%	11.4%	
Persons w/SUD Tx Need					11	30	26						991	2,209	2,678	
Total persons					135	228	246						11,451	20,416	23,467	
Hispanic w/SUD Tx Need					8.6%	11.8%	13.7%						9.1%	12.4%	13.7%	
Persons w/SUD Tx Need					221	511	683						4,784	10,505	13,292	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/SUD Tx Need					14.4%	19.1%	22.1%						13.5%	17.9%	19.1%	
Persons w/SUD Tx Need					703	1,633	2,110						29,246	64,550	76,824	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/SUD Tx Need					9.7%	13.3%	15.2%						11%	15%	16%	
Persons w/SUD Tx Need					321	750	982						14,923	32,724	39,468	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/SUD Tx Need					7.9%	11.2%	13.9%						7.9%	11.2%	12.5%	
Persons w/SUD Tx Need					333	801	1,135						14,181	32,876	40,978	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/SUD Tx Need					16.7%	21.6%	23.7%						16.7%	21.4%	22.5%	
Persons w/SUD Tx Need					703	1,605	1,985						30,315	65,410	76,904	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

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

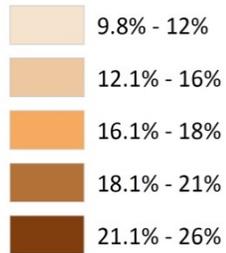
MARCH 2017

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.

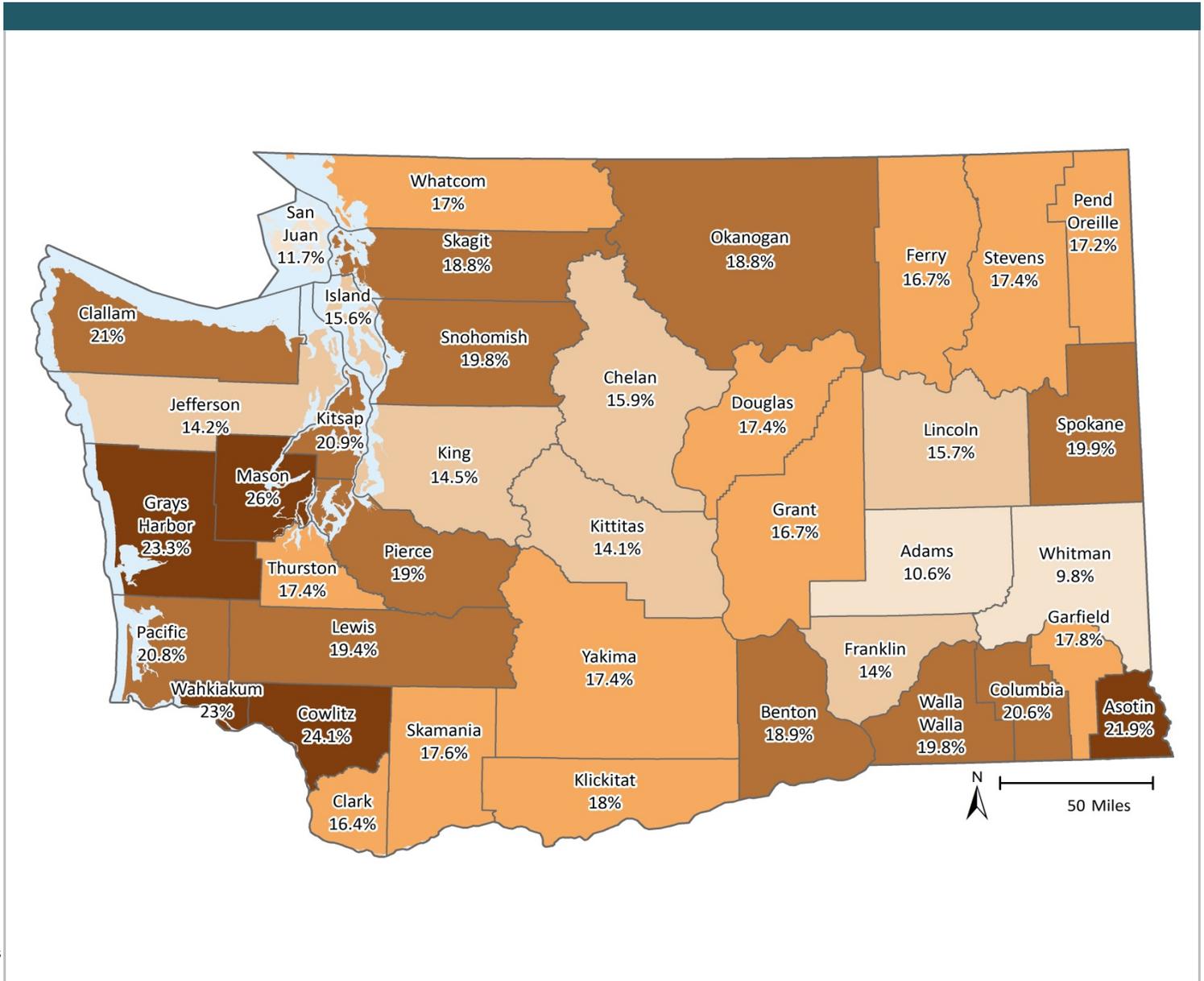
Percent of Medicaid-Expansion Adults with Substance Use Disorder Tx Need



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.





Benton 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*

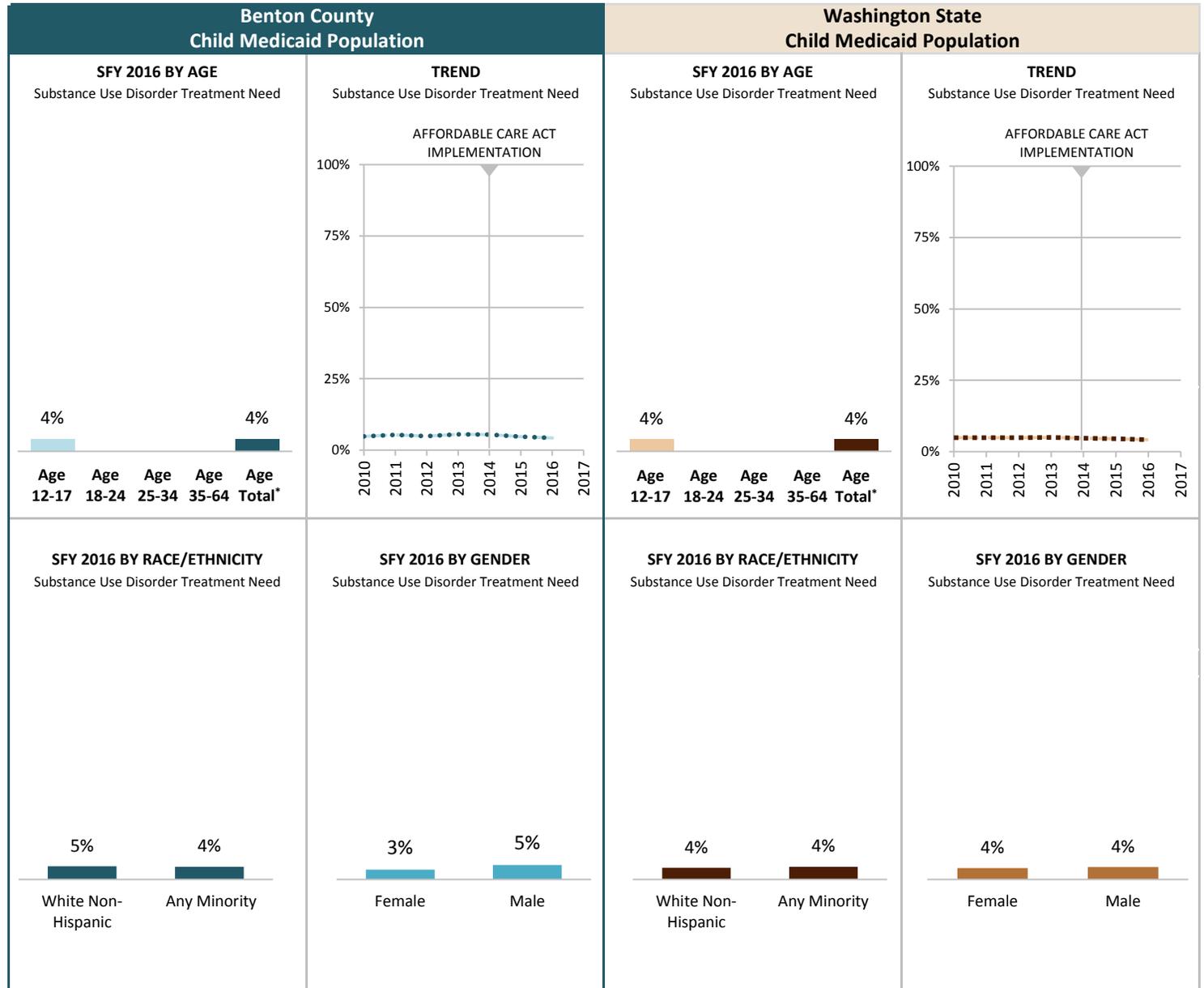
STATE:

- 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

	Benton County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/SUD Tx Need	4.8%	5.4%	4.9%	5.5%	5.5%	4.7%	4.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx Need	222	262	255	309	337	308	303		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Age 18-24 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 25-34 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age 35-64 w/SUD Tx Need																
Persons w/SUD Tx Need																
Total persons																
Age Total¹ w/SUD Tx Need	4.8%	5.4%	4.9%	5.5%	5.5%	4.7%	4.3%		4.9%	4.9%	5.0%	5.0%	4.7%	4.6%	4.2%	
Persons w/SUD Tx need	222	262	255	309	337	308	303		7,963	8,536	8,867	9,218	9,330	9,510	9,068	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/SUD Tx Need	10.1%	9.3%		11.7%	10.2%	5.9%	8.8%		11.4%	11.0%	11.5%	11.7%	11.5%	11.1%	9.7%	
Persons w/SUD Tx Need	18	17		21	18	11	16		1,401	1,401	1,479	1,541	1,514	1,478	1,311	
Total persons	178	183	171	179	177	186	182		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/SUD Tx Need					6.6%				3.3%	3.2%	3.2%	3.4%	3.0%	2.7%	2.5%	
Persons w/SUD Tx Need					13				373	384	405	435	435	423	394	
Total persons	105	116	128	167	197	206	226		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/SUD Tx Need	5.6%	6.5%	7.9%	10.5%	8.8%	5.8%	5.4%		5.7%	5.7%	5.8%	6.1%	6.1%	6.2%	5.6%	
Persons w/SUD Tx Need	13	15	22	30	27	18	19		1,004	1,068	1,121	1,221	1,263	1,313	1,247	
Total persons	233	230	280	287	306	310	351		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	69	73	90	98	109	115	125		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/SUD Tx Need	4.6%	5.6%	5.3%	6.0%	5.7%	4.7%	4.4%		4.6%	5.1%	5.1%	5.2%	4.9%	4.7%	4.2%	
Persons w/SUD Tx Need	101	130	130	162	166	148	153		2,043	2,417	2,578	2,798	2,870	2,949	2,858	
Total persons	2,181	2,333	2,461	2,690	2,933	3,182	3,499		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/SUD Tx Need	4.7%	5.2%	4.6%	4.6%	5.4%	5.2%	4.6%		4.8%	4.7%	4.7%	4.7%	4.4%	4.4%	4.1%	
Persons w/SUD Tx Need	92	107	96	103	133	134	123		3,669	3,793	3,839	3,849	3,874	3,968	3,809	
Total persons	1,953	2,043	2,104	2,222	2,480	2,591	2,695		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/SUD Tx Need	5.1%	5.6%	5.4%	6.4%	5.9%	4.6%	4.4%		5%	5%	5%	6%	5%	5%	4%	
Persons w/SUD Tx Need	130	153	157	204	204	174	180		4,275	4,719	5,000	5,338	5,426	5,501	5,187	
Total persons	2,573	2,741	2,914	3,179	3,472	3,747	4,110		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/SUD Tx Need	4.1%	4.1%	3.1%	3.8%	4.6%	3.9%	3.5%		4.2%	4.1%	4.2%	4.2%	4.2%	4.2%	4.0%	
Persons w/SUD Tx Need	96	99	78	103	137	127	120		3,387	3,565	3,701	3,860	4,110	4,320	4,308	
Total persons	2,317	2,439	2,556	2,737	2,989	3,230	3,466		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/SUD Tx Need	5.4%	6.7%	6.7%	7.2%	6.3%	5.4%	5.1%		5.6%	5.7%	5.7%	5.8%	5.2%	5.0%	4.3%	
Persons w/SUD Tx Need	126	163	177	206	200	181	183		4,576	4,971	5,166	5,358	5,220	5,190	4,760	
Total persons	2,321	2,451	2,623	2,860	3,160	3,328	3,591		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

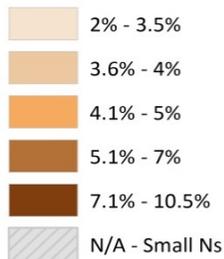
MARCH 2017

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.

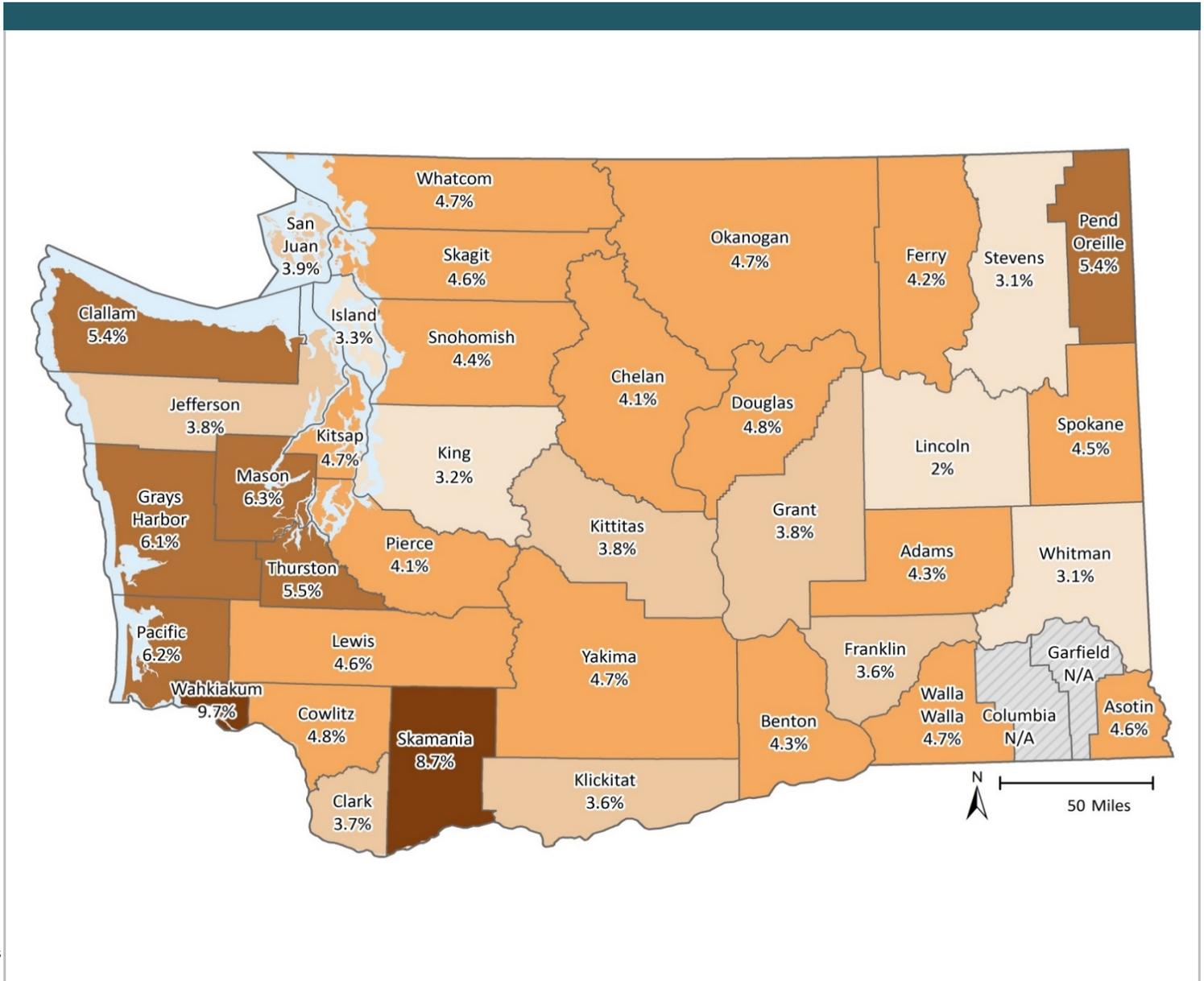
Percent of Medicaid Children with Substance Use Disorder Tx Need



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.





Benton County

Behavioral Health Treatment Needs and Outcomes

Co-Occurring Disorder Treatment Need

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

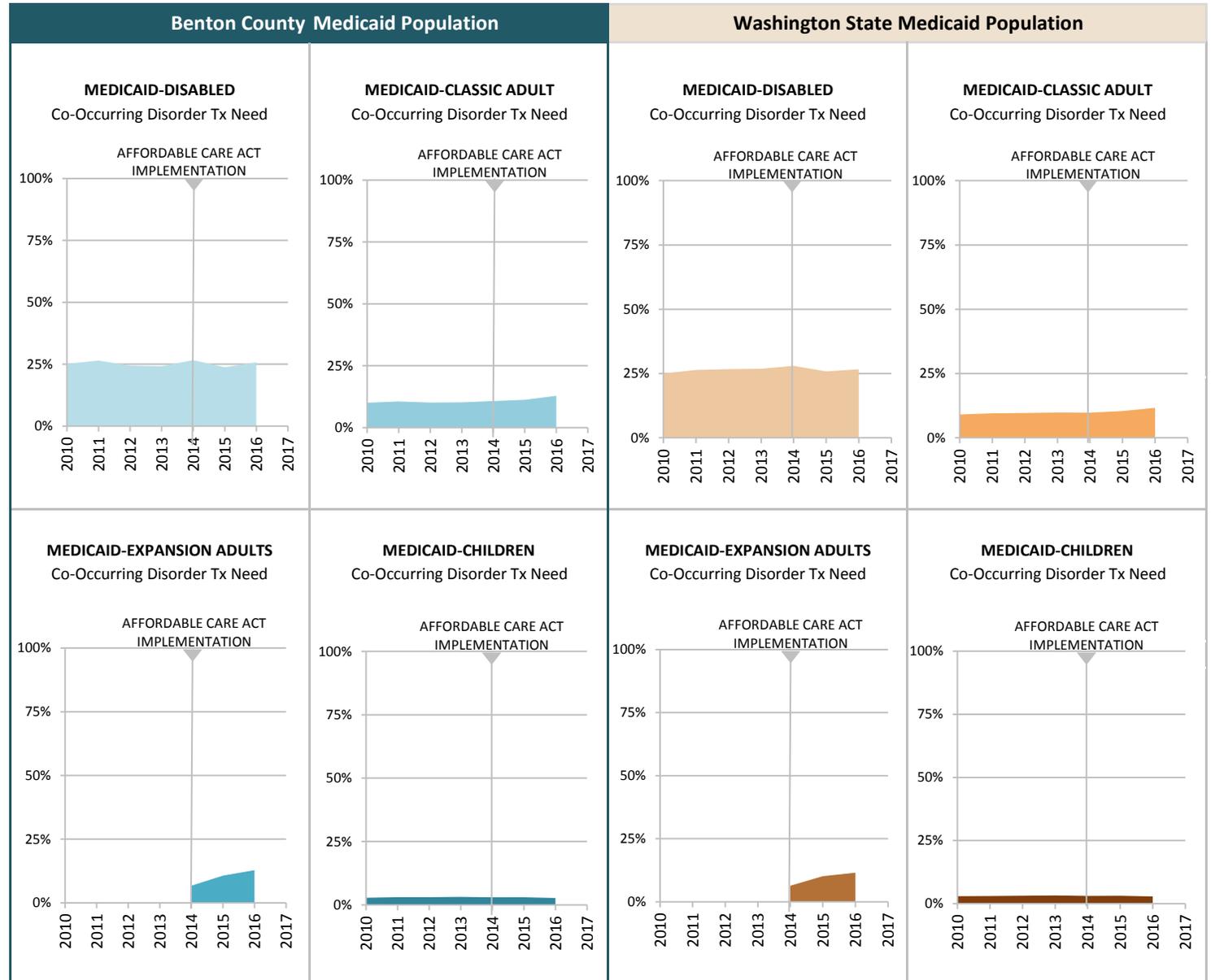
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

	Benton 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	25.1%	26.4%	24.4%	24.2%	26.6%	23.7%	25.8%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	679	707	676	724	792	542	620		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	10.0%	10.5%	10.1%	10.2%	10.7%	11.2%	12.8%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	567	584	552	569	693	760	839		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					6.7%	10.7%	12.8%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					567	1,557	2,118						22,875	60,617	77,053	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	2.8%	3.0%	3.0%	3.1%	3.0%	3.0%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	130	148	157	176	183	196	191		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		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*

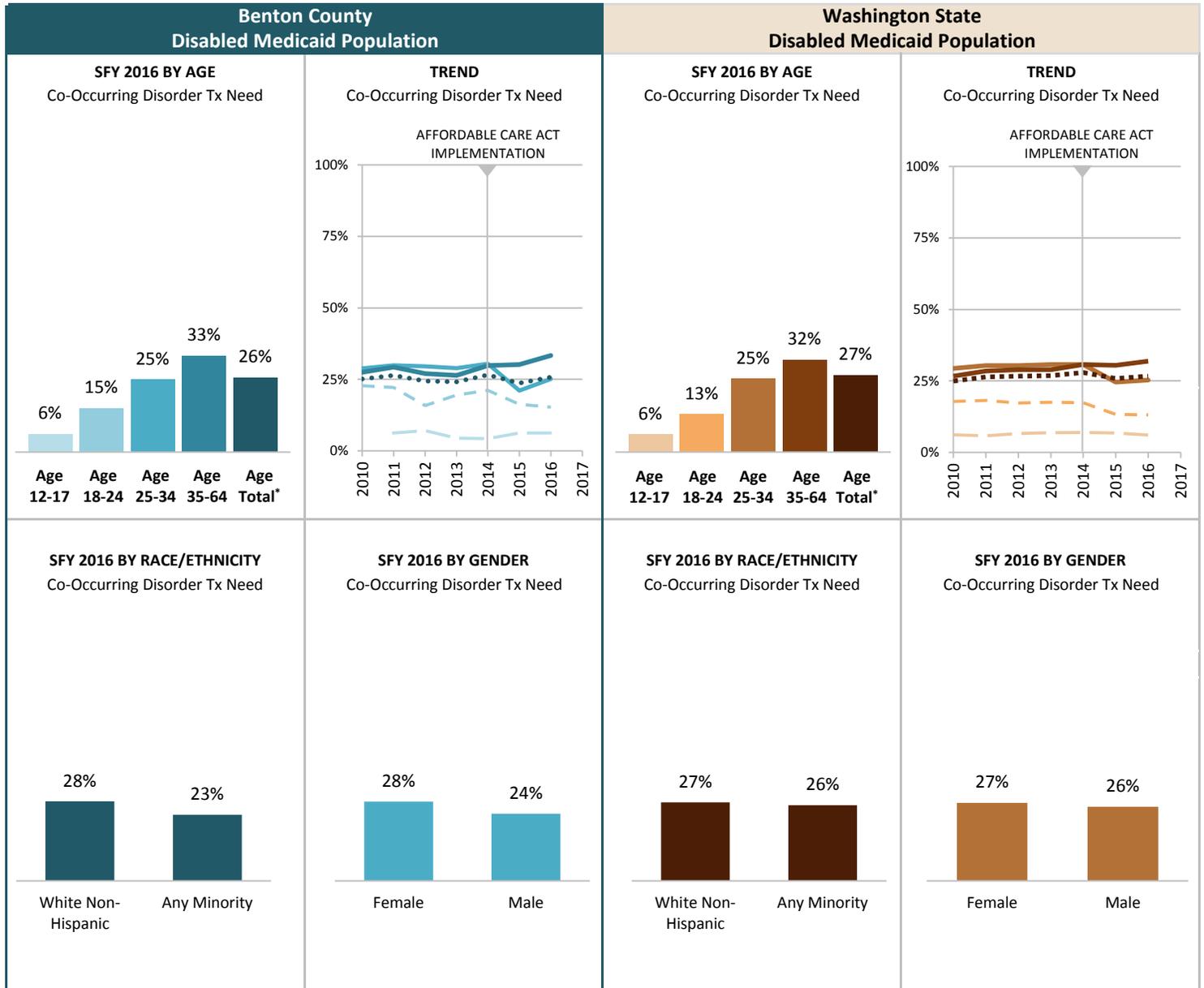
STATE:

- 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

	Benton County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need		6.3%	7.1%	4.5%	4.2%	6.2%	6.3%		6.1%	5.9%	6.6%	6.9%	7.0%	6.8%	6.1%	
Persons w/COD Tx Need		15	17	11	11	17	19		390	385	460	505	513	507	478	
Total persons	229	240	241	245	259	273	304		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/COD Tx Need	22.8%	22.2%	15.9%	19.5%	21.2%	16.3%	15.3%		17.8%	18.2%	17.3%	17.6%	17.3%	13.3%	13.1%	
Persons w/COD Tx Need	84	78	52	74	82	52	54		2,214	2,277	2,171	2,238	2,058	1,300	1,264	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/COD Tx Need	28.8%	29.9%	29.6%	28.9%	30.4%	21.1%	25.1%		29.4%	30.4%	30.4%	30.7%	30.7%	24.6%	25.3%	
Persons w/COD Tx Need	150	153	149	149	157	87	109		4,982	5,310	5,580	5,947	5,655	3,350	3,448	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/COD Tx Need	27.5%	29.3%	27.0%	26.4%	29.9%	30.2%	33.3%		26.7%	28.5%	28.9%	29.0%	30.7%	30.4%	31.9%	
Persons w/COD Tx Need	435	461	458	490	542	386	438		21,007	23,107	24,697	25,988	25,777	18,480	18,855	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/COD Tx Need	25.1%	26.4%	24.4%	24.2%	26.6%	23.7%	25.8%		25.0%	26.4%	26.7%	26.8%	28.0%	25.8%	26.6%	
Persons w/COD Tx Need	679	707	676	724	792	542	620		28,593	31,079	32,908	34,678	34,003	23,637	24,045	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	30.2%	36.9%	32.5%	30.4%	28.6%	32.4%	44.2%		36.3%	38.3%	38.0%	37.9%	38.9%	37.2%	37.5%	
Persons w/COD Tx Need	49	58	51	51	48	44	69		4,242	4,591	4,723	4,900	4,771	3,536	3,478	
Total persons	162	157	157	168	168	136	156		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/COD Tx Need	20.3%	21.7%	24.6%						12.8%	14.2%	14.8%	15.5%	15.8%	13.8%	14.8%	
Persons w/COD Tx Need	15	15	17						739	836	891	981	936	634	660	
Total persons	74	69	69	68	66	53	61		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/COD Tx Need	29.9%	31.4%	25.9%	23.1%	23.2%	24.1%	27.5%		30.5%	31.9%	32.0%	31.8%	32.0%	29.2%	29.4%	
Persons w/COD Tx Need	44	49	43	42	44	38	47		4,283	4,694	5,046	5,297	5,143	3,609	3,627	
Total persons	147	156	166	182	190	158	171		14,022	14,711	15,760	16,669	16,067	12,353	12,344	
Hawaiian/PI w/COD Tx Need			34.2%						18.6%	20.1%	20.6%	20.8%	20.2%	16.4%	18.9%	
Persons w/COD Tx Need			13						431	504	541	588	556	344	397	
Total persons	29	32	38	34	32	31	31		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/COD Tx Need	16.8%	18.5%	17.5%	16.4%	19.2%	15.6%	17.9%		19.8%	21.3%	21.3%	20.9%	21.8%	18.7%	20.3%	
Persons w/COD Tx Need	87	105	106	107	127	87	109		1,783	2,071	2,272	2,404	2,404	1,630	1,805	
Total persons	519	567	605	653	662	556	610		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/COD Tx Need	27.3%	28.1%	26.0%	26.8%	29.9%	26.9%	27.8%		24.7%	26.1%	26.5%	26.8%	28.2%	26.3%	27.3%	
Persons w/COD Tx Need	494	489	460	515	564	374	395		18,256	19,704	20,806	21,931	21,632	14,914	15,182	
Total persons	1,809	1,741	1,766	1,920	1,889	1,390	1,422		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/COD Tx Need	21.1%	23.8%	21.9%	19.7%	21.3%	19.2%	23.1%		26%	28%	28%	28%	28%	26%	26%	
Persons w/COD Tx Need	184	216	211	204	223	166	220		10,279	11,291	11,980	12,611	12,250	8,633	8,770	
Total persons	874	908	964	1,036	1,046	865	953		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/COD Tx Need	24.4%	26.2%	24.8%	24.2%	26.4%	24.7%	27.8%		22.8%	24.1%	24.9%	25.2%	26.6%	26.1%	27.3%	
Persons w/COD Tx Need	358	374	359	373	399	295	346		13,171	14,285	15,277	16,036	15,802	11,909	12,172	
Total persons	1,466	1,425	1,447	1,542	1,513	1,193	1,244		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/COD Tx Need	26.0%	26.6%	24.0%	24.1%	26.8%	22.6%	23.6%		27.2%	28.7%	28.5%	28.4%	29.3%	25.5%	26.0%	
Persons w/COD Tx Need	321	333	317	351	393	247	274		15,422	16,794	17,631	18,642	18,201	11,728	11,873	
Total persons	1,236	1,251	1,322	1,454	1,464	1,091	1,163		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

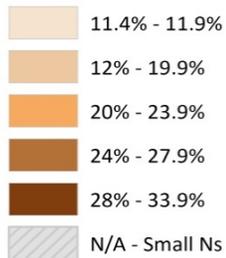
MARCH 2017

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.

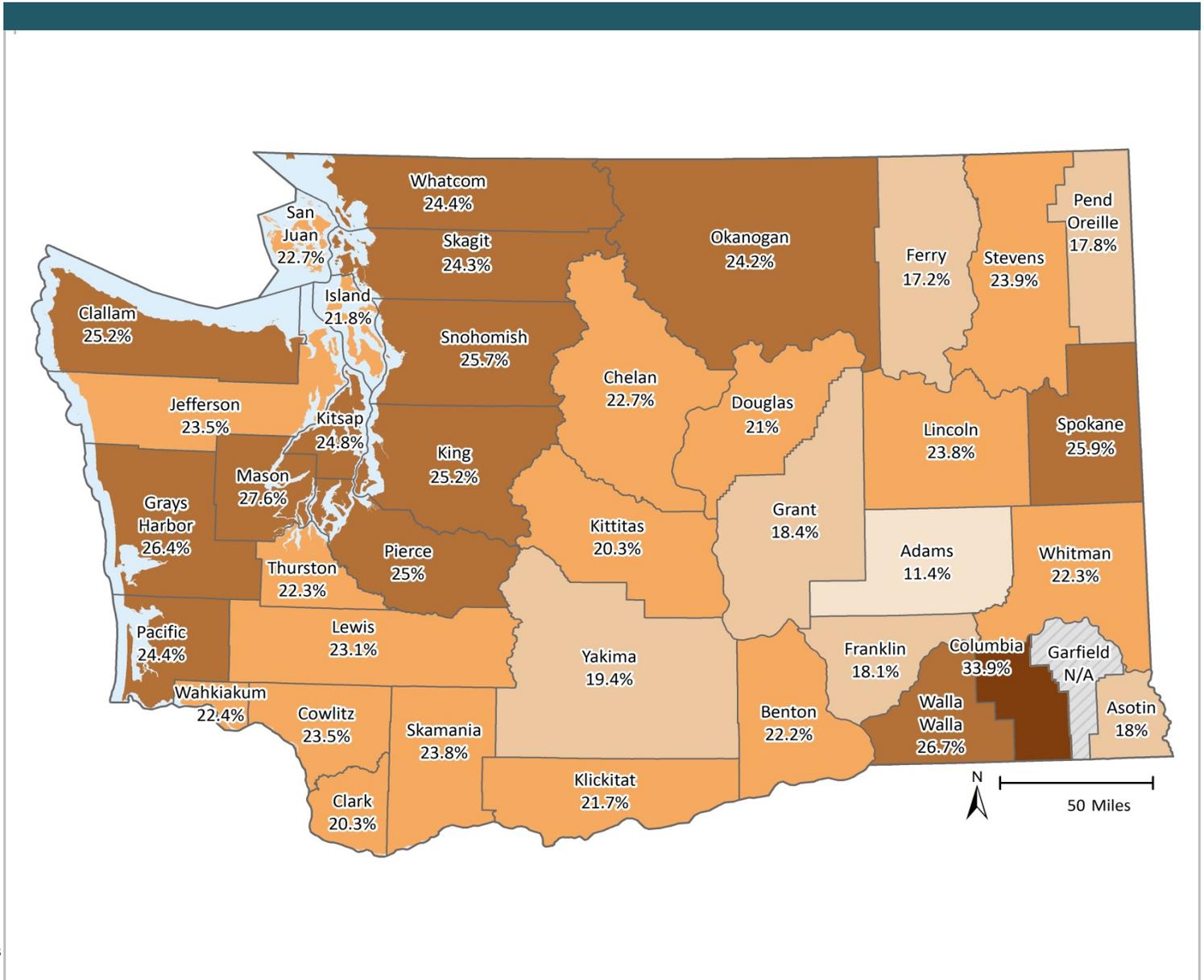
Percent of Medicaid-Disabled Youth and Adults with Co-Occurring Disorder Tx Need



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.





Benton 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*

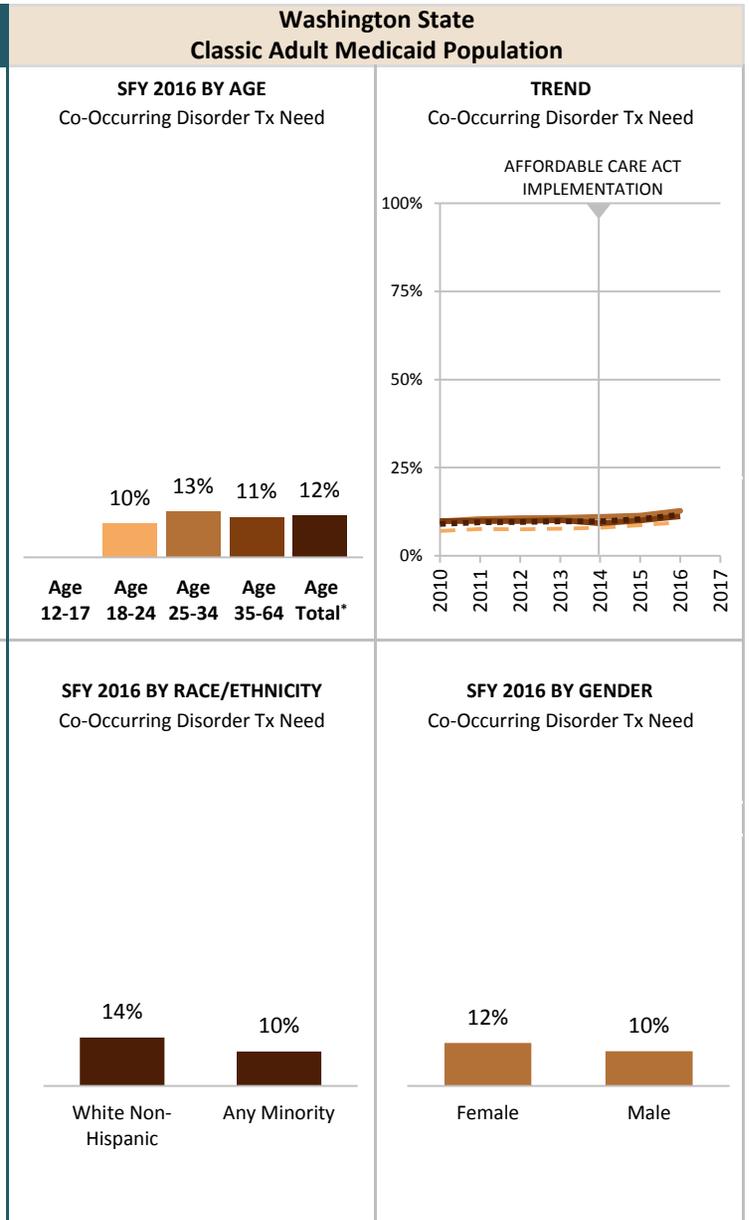
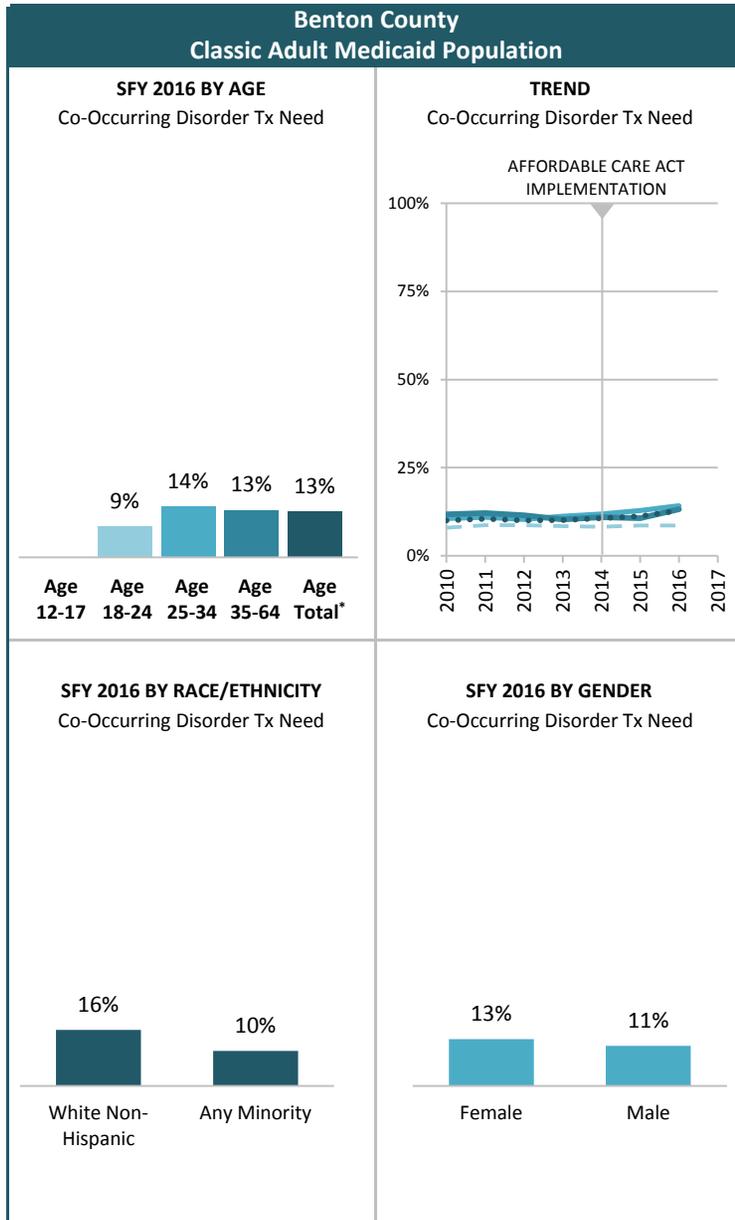
STATE:

- 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

	Benton County Classic Adult Medicaid Population								Washington State Classic Adult Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need	8.0%	8.7%	8.7%	8.4%	8.3%	8.6%	8.6%		7.1%	7.6%	7.6%	7.7%	8.0%	8.7%	9.5%	
Persons w/COD Tx Need	152	155	148	135	130	116	102		3,819	4,061	3,809	3,608	3,369	3,024	2,845	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/COD Tx Need	10.6%	11.0%	10.3%	11.2%	11.9%	12.9%	14.2%		9.8%	10.5%	10.7%	10.8%	11.0%	11.4%	12.8%	
Persons w/COD Tx Need	250	263	245	273	326	377	412		7,809	8,882	9,110	9,168	9,911	10,421	11,148	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/COD Tx Need	11.8%	12.1%	11.5%	10.4%	10.9%	10.7%	13.2%		9.9%	9.9%	9.9%	10.1%	9.3%	10.0%	11.2%	
Persons w/COD Tx Need	165	166	159	161	237	267	325		5,362	5,775	5,944	6,118	7,153	8,706	9,617	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/COD Tx Need	10.0%	10.5%	10.1%	10.2%	10.7%	11.2%	12.8%		9.1%	9.5%	9.7%	9.8%	9.8%	10.4%	11.6%	
Persons w/COD Tx Need	567	584	552	569	693	760	839		16,990	18,718	18,863	18,894	20,433	22,151	23,610	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need	18.8%	18.1%	21.2%	18.1%	17.1%	20.3%	25.3%		19.4%	19.9%	20.0%	19.8%	20.5%	21.6%	23.7%	
Persons w/COD Tx Need	49	43	46	39	41	52	64		3,046	3,190	3,174	3,080	3,182	3,180	3,259	
Total persons	260	237	217	216	240	256	253		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/COD Tx Need				9.2%	10.7%	9.8%	11.5%		5.6%	5.5%	5.5%	5.7%	5.5%	5.2%	5.7%	
Persons w/COD Tx Need				14	18	19	20		497	547	569	598	708	723	751	
Total persons	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/COD Tx Need	14.2%	13.7%	11.3%	10.3%	13.9%	12.2%	14.2%		8.4%	8.8%	8.7%	8.6%	9.2%	10.0%	11.3%	
Persons w/COD Tx Need	33	36	32	31	44	39	41		1,720	1,947	1,953	1,928	2,134	2,260	2,394	
Total persons	233	263	282	300	316	320	288		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/COD Tx Need							12.6%		5.4%	5.6%	5.7%	5.4%	5.7%	6.0%	6.4%	
Persons w/COD Tx Need							18		357	400	440	436	526	606	624	
Total persons	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/COD Tx Need	6.8%	5.8%	6.2%	6.5%	6.8%	7.2%	8.3%		6.1%	6.3%	6.4%	6.6%	6.1%	6.4%	7.3%	
Persons w/COD Tx Need	118	101	108	118	152	169	187		1,717	1,903	1,988	2,056	2,245	2,475	2,677	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/COD Tx Need	11.8%	13.4%	12.6%	12.6%	13.5%	14.0%	15.9%		9.8%	10.4%	10.6%	10.9%	11.1%	12.1%	13.7%	
Persons w/COD Tx Need	384	412	381	381	465	501	544		10,665	11,821	11,892	11,953	12,926	14,192	15,203	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/COD Tx Need	8.2%	7.6%	7.6%	7.8%	7.9%	8.5%	9.9%		9%	9%	9%	9%	9%	9%	10%	
Persons w/COD Tx Need	182	171	171	186	227	257	288		6,279	6,844	6,923	6,894	7,449	7,878	8,273	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/COD Tx Need	10.3%	10.5%	10.2%	10.5%	11.3%	11.6%	13.3%		9.3%	9.8%	10.0%	10.1%	10.3%	10.9%	12.2%	
Persons w/COD Tx Need	453	453	436	457	559	608	675		13,489	14,755	15,031	15,119	16,487	18,022	19,338	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/COD Tx Need	9.1%	10.6%	9.7%	9.2%	8.7%	9.8%	11.3%		8.3%	8.7%	8.5%	8.7%	8.1%	8.7%	9.8%	
Persons w/COD Tx Need	114	131	116	112	134	152	164		3,501	3,963	3,832	3,775	3,946	4,129	4,272	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		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

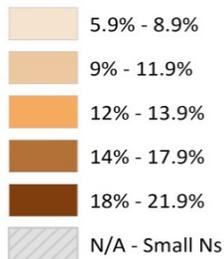
MARCH 2017

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.

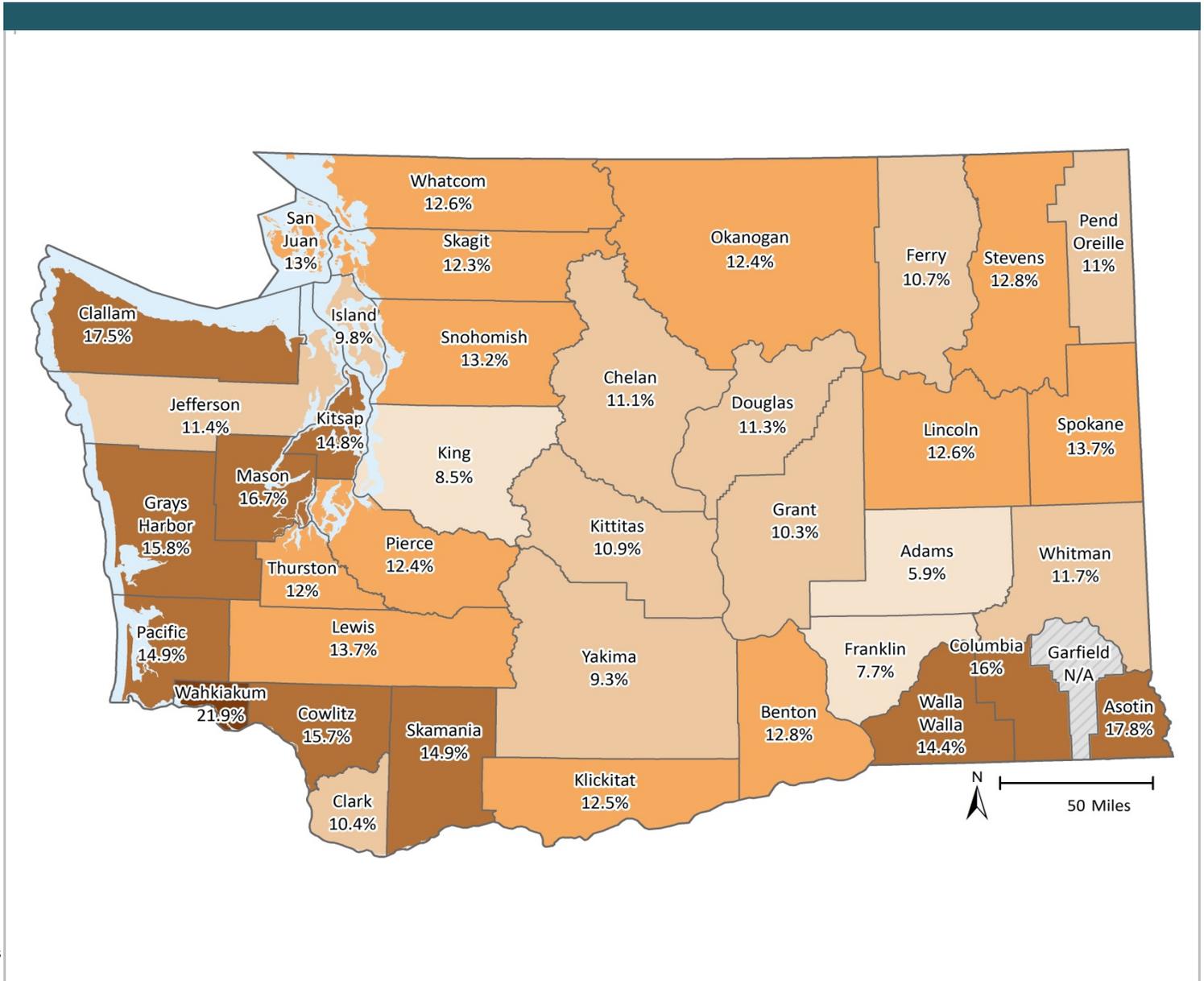
Percent of Medicaid-Classic Adults with Co-Occurring Disorder Tx Need



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.





Benton 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*

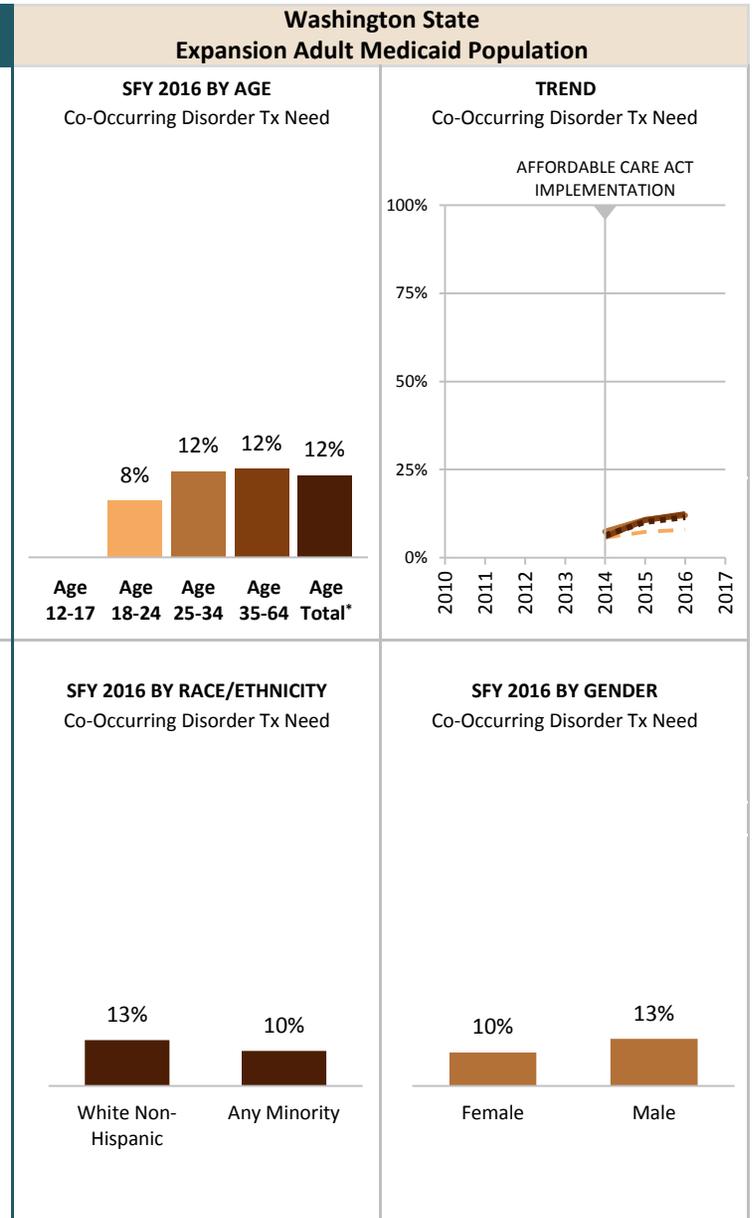
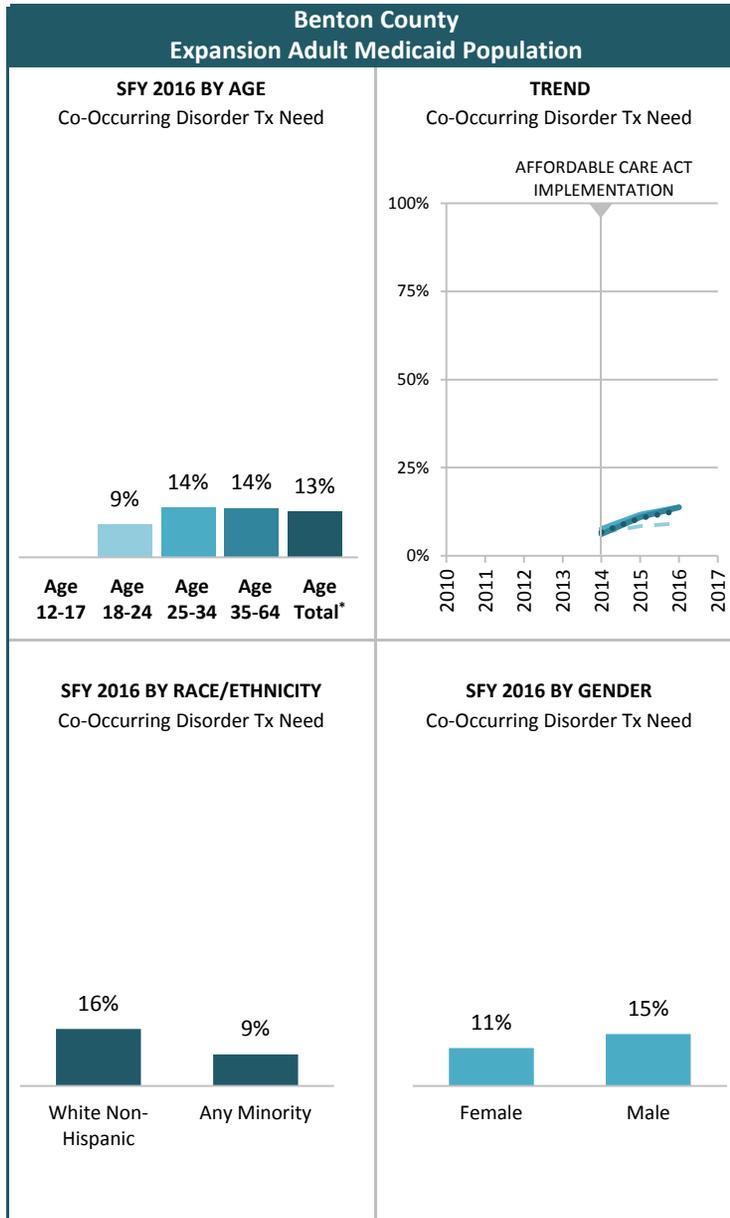
STATE:

- 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	Benton County Expansion Adult Medicaid Population								Washington State Expansion Adult Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/COD Tx Need																
Persons w/COD Tx Need																
Total persons																
Age 18-24 w/COD Tx Need					6.6%	8.4%	9.3%						5.7%	7.3%	8.0%	
Persons w/COD Tx Need					110	254	325						3,422	7,567	9,554	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/COD Tx Need					7.7%	11.8%	13.9%						7.4%	10.7%	12.0%	
Persons w/COD Tx Need					195	530	723						7,580	19,047	24,663	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/COD Tx Need					6.2%	10.9%	13.7%						6.0%	10.7%	12.4%	
Persons w/COD Tx Need					262	773	1,070						11,873	34,003	42,836	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total¹ w/COD Tx Need					6.7%	10.7%	12.8%						6.3%	10.1%	11.5%	
Persons w/COD Tx Need					567	1,557	2,118						22,875	60,617	77,053	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need					15.9%	18.2%	20.4%						16.9%	22.8%	24.2%	
Persons w/COD Tx Need					36	83	108						2,837	6,944	8,532	
Total persons					226	456	530						16,783	30,399	35,266	
Asian w/COD Tx Need						3.6%	5.2%						2.1%	3.9%	4.7%	
Persons w/COD Tx Need						17	28						686	1,906	2,447	
Total persons					298	473	535						32,924	48,483	51,833	
Black w/COD Tx Need					7.6%	13.1%	13.3%						6.6%	11.1%	12.3%	
Persons w/COD Tx Need					23	74	85						1,871	5,441	6,882	
Total persons					301	563	638						28,284	49,017	56,142	
Hawaiian/PI w/COD Tx Need						5.7%	6.1%						3.8%	6.1%	6.6%	
Persons w/COD Tx Need						13	15						438	1,242	1,542	
Total persons					135	228	246						11,451	20,416	23,467	
Hispanic w/COD Tx Need					3.7%	6.3%	7.8%						3.9%	6.6%	7.8%	
Persons w/COD Tx Need					95	272	388						2,026	5,607	7,547	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/COD Tx Need					8.4%	13.3%	16.0%						7.3%	11.5%	13.0%	
Persons w/COD Tx Need					413	1,132	1,533						15,832	41,441	52,380	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/COD Tx Need					4.5%	7.3%	8.8%						5%	9%	10%	
Persons w/COD Tx Need					151	413	572						6,910	18,670	23,786	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/COD Tx Need					5.5%	8.5%	10.8%						5.0%	8.3%	9.5%	
Persons w/COD Tx Need					230	607	881						8,998	24,262	31,259	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/COD Tx Need					8.0%	12.8%	14.8%						7.7%	11.9%	13.4%	
Persons w/COD Tx Need					337	950	1,237						13,877	36,355	45,794	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

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

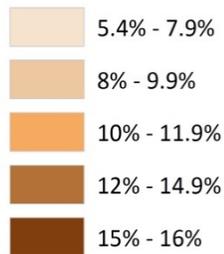
MARCH 2017

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.

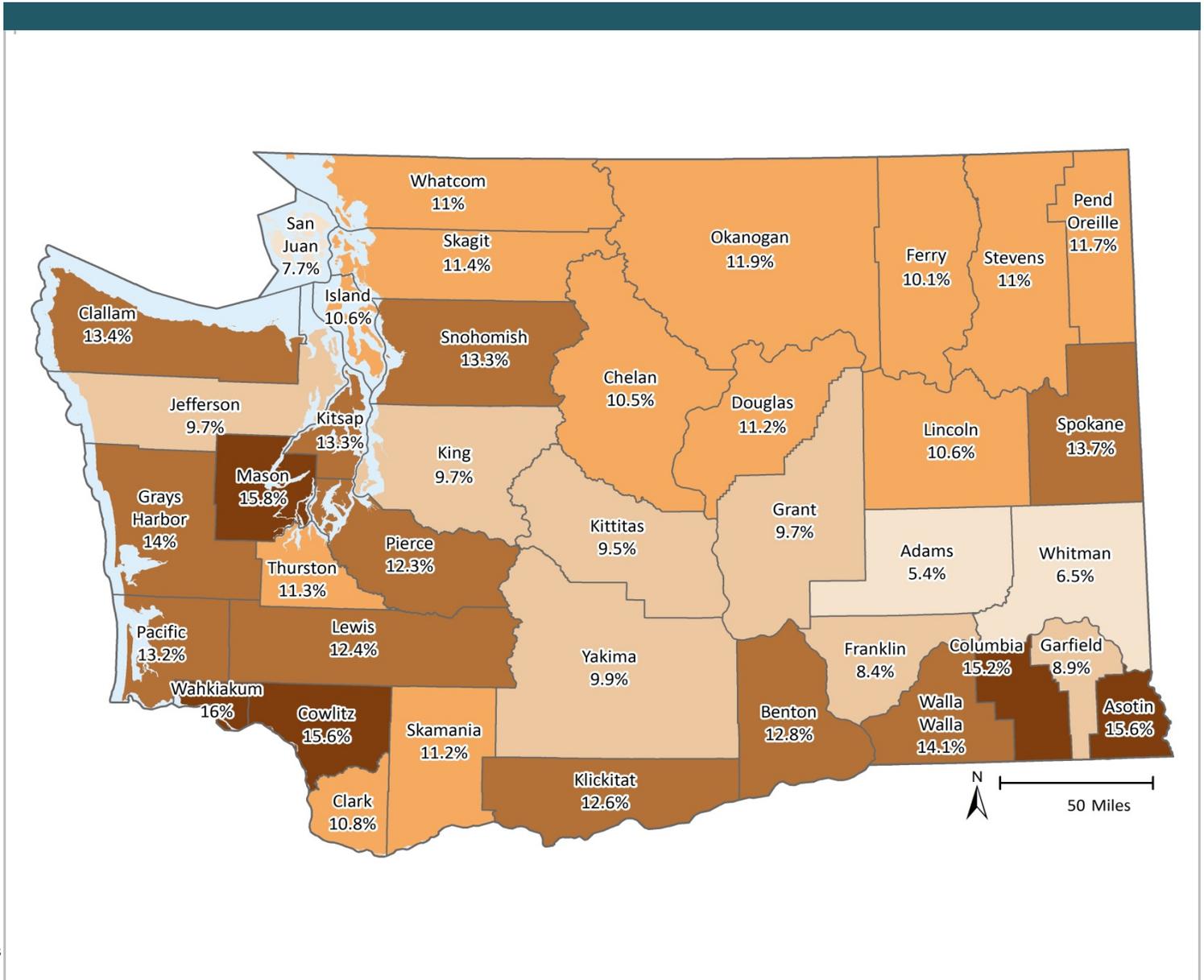
Percent of Medicaid-Expansion Adults with Co-Occurring Disorder Tx Need



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.





Benton 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*

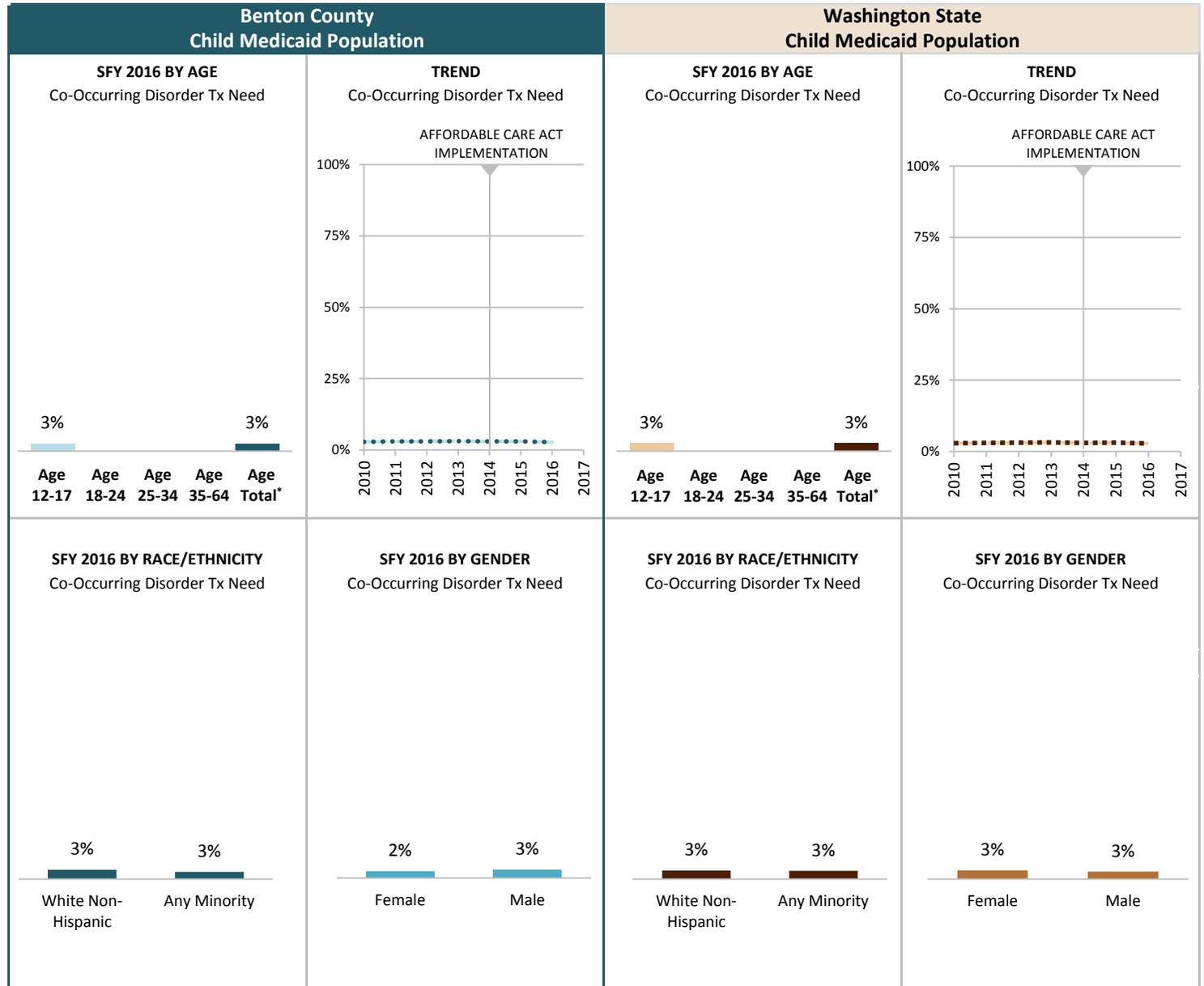
STATE:

- 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

	Benton 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%	3.0%	3.0%	3.1%	3.0%	3.0%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	130	148	157	176	183	196	191		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		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%	3.0%	3.0%	3.1%	3.0%	3.0%	2.7%		2.9%	3.0%	3.1%	3.2%	3.0%	3.1%	2.8%	
Persons w/COD Tx Need	130	148	157	176	183	196	191		4,766	5,198	5,564	5,926	6,039	6,422	6,200	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/COD Tx Need		7.1%		8.4%	6.8%		7.1%		8.2%	8.1%	8.4%	8.7%	8.6%	8.5%	7.5%	
Persons w/COD Tx Need		13		15	12		13		1,006	1,030	1,085	1,139	1,131	1,131	1,011	
Total persons	178	183	171	179	177	186	182		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	105	116	128	167	197	206	226		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/COD Tx Need			4.6%	7.3%	5.9%	4.2%	4.0%		3.4%	3.4%	3.7%	3.9%	4.0%	4.2%	3.8%	
Persons w/COD Tx Need			13	21	18	13	14		607	642	712	781	826	897	837	
Total persons	233	230	280	287	306	310	351		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	69	73	90	98	109	115	125		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/COD Tx Need	2.3%	2.7%	2.9%	3.2%	2.8%	2.5%	2.4%		2.3%	2.5%	2.7%	2.8%	2.6%	2.6%	2.5%	
Persons w/COD Tx Need	50	62	71	87	82	80	83		1,003	1,207	1,349	1,512	1,537	1,652	1,702	
Total persons	2,181	2,333	2,461	2,690	2,933	3,182	3,499		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/COD Tx Need	3.1%	3.5%	3.1%	2.7%	3.1%	3.7%	3.3%		3.1%	3.1%	3.2%	3.3%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	61	72	66	61	76	96	88		2,320	2,489	2,611	2,698	2,760	2,935	2,824	
Total persons	1,953	2,043	2,104	2,222	2,480	2,591	2,695		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/COD Tx Need	2.7%	2.8%	3.1%	3.6%	3.1%	2.7%	2.5%		3%	3%	3%	3%	3%	3%	3%	
Persons w/COD Tx Need	69	76	90	115	107	100	103		2,437	2,702	2,946	3,219	3,267	3,473	3,349	
Total persons	2,573	2,741	2,914	3,179	3,472	3,747	4,110		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/COD Tx Need	3.1%	2.7%	1.9%	2.5%	2.9%	3.0%	2.5%		2.9%	2.9%	3.0%	3.1%	3.1%	3.3%	3.0%	
Persons w/COD Tx Need	72	65	48	69	86	98	85		2,322	2,461	2,631	2,825	3,022	3,373	3,299	
Total persons	2,317	2,439	2,556	2,737	2,989	3,230	3,466		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/COD Tx Need	2.5%	3.4%	4.2%	3.7%	3.1%	2.9%	3.0%		3.0%	3.1%	3.3%	3.3%	3.0%	2.9%	2.6%	
Persons w/COD Tx Need	58	83	109	107	97	98	106		2,444	2,737	2,933	3,101	3,017	3,049	2,901	
Total persons	2,321	2,451	2,623	2,860	3,160	3,328	3,591		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

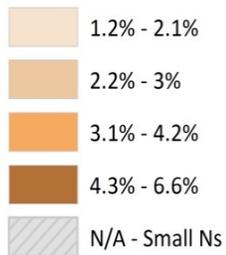
MARCH 2017

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.

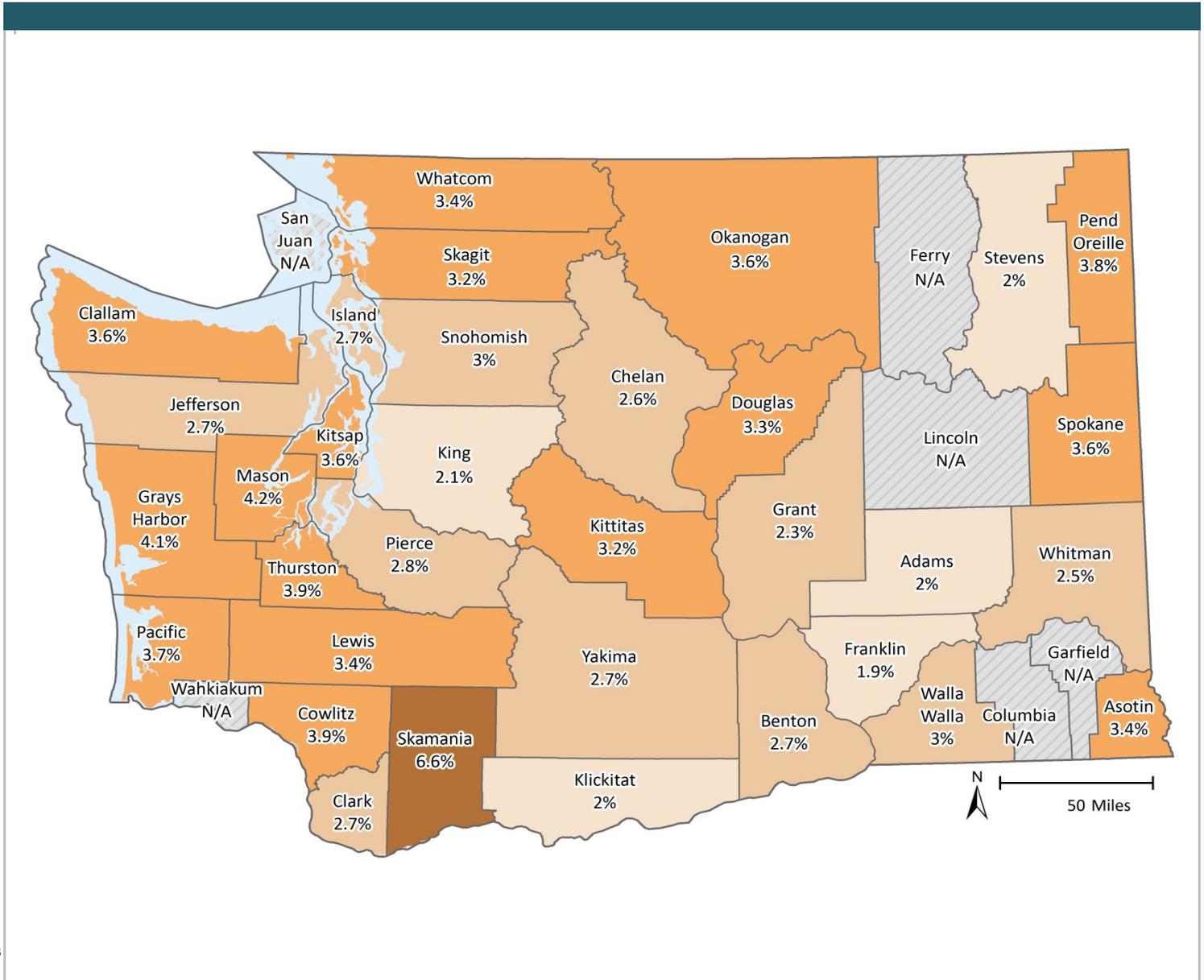
Percent of Medicaid-Children with Co-Occurring Disorder Tx Need



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	Benton 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	17.5%	16.1%	16.4%	15.7%	15.8%	11.3%	11.0%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	472	431	454	471	470	258	265		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Medicaid-Classic Adults	17.1%	15.2%	15.3%	13.6%	12.0%	10.4%	8.5%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	966	841	838	759	780	706	559		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					11.1%	11.3%	10.8%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					932	1,652	1,779						32,382	56,183	61,932	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	7.9%	7.0%	6.5%	5.6%	4.6%	4.8%	3.0%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	366	341	335	316	284	315	215		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		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.

Criminal Justice Involvement

INDICATOR

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

COUNTY:

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

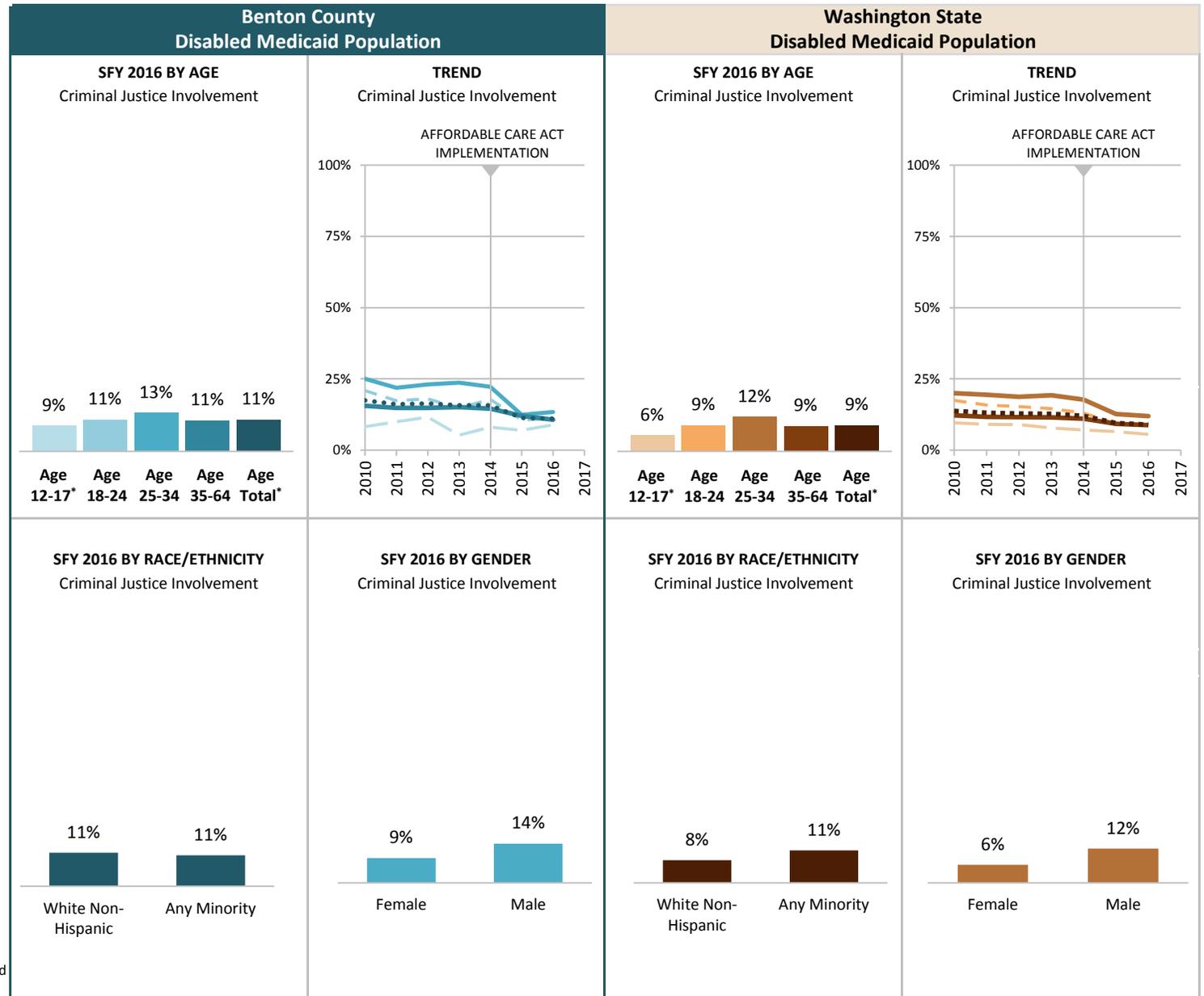
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR	Benton County Disabled Medicaid Population								Washington State Disabled Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement	8.3%	10.0%	11.6%	5.3%	8.1%	7.0%	8.9%		9.6%	9.1%	9.0%	7.8%	7.1%	6.5%	5.6%	
Persons w/CJ Involvement	19	24	28	13	21	19	27		610	598	623	566	523	485	435	
Total persons	229	240	241	245	259	273	304		6,359	6,574	6,923	7,275	7,359	7,425	7,805	
Age 18-24 w/CJ Involvement	20.9%	17.3%	18.0%	14.8%	17.8%	10.6%	11.0%		17.5%	15.9%	15.3%	14.6%	13.0%	9.3%	9.0%	
Persons w/CJ Involvement	77	61	59	56	69	34	39		2,169	1,986	1,921	1,859	1,545	913	868	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/CJ Involvement	25.0%	21.9%	23.0%	23.7%	22.3%	12.4%	13.4%		20.0%	19.4%	18.7%	19.3%	17.7%	12.7%	12.0%	
Persons w/CJ Involvement	130	112	116	122	115	51	58		3,380	3,397	3,437	3,740	3,260	1,728	1,631	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/CJ Involvement	15.5%	14.9%	14.8%	15.1%	14.6%	12.0%	10.7%		12.2%	11.7%	11.6%	11.5%	11.1%	9.2%	8.8%	
Persons w/CJ Involvement	246	234	251	280	265	154	141		9,642	9,514	9,874	10,307	9,306	5,598	5,192	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total[†] w/CJ Involvement	17.5%	16.1%	16.4%	15.7%	15.8%	11.3%	11.0%		13.8%	13.2%	12.9%	12.8%	12.0%	9.5%	9.0%	
Persons w/CJ Involvement	472	431	454	471	470	258	265		15,801	15,495	15,855	16,472	14,634	8,724	8,126	
Total persons	2,702	2,676	2,769	2,996	2,977	2,284	2,407		114,461	117,789	123,249	129,155	121,553	91,544	90,229	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	19.1%	21.7%	19.1%	22.6%	20.8%	19.1%	13.5%		20.4%	19.4%	18.7%	18.7%	17.8%	14.0%	14.1%	
Persons w/CJ Involvement	31	34	30	38	35	26	21		2,380	2,329	2,321	2,422	2,183	1,334	1,307	
Total persons	162	157	157	168	168	136	156		11,672	11,997	12,429	12,930	12,250	9,501	9,263	
Asian w/CJ Involvement	17.6%	17.4%							8.8%	8.2%	8.4%	7.9%	7.8%	5.6%	5.1%	
Persons w/CJ Involvement	13	12							507	486	507	500	461	255	226	
Total persons	74	69	69	68	66	53	61		5,775	5,897	6,004	6,310	5,940	4,590	4,462	
Black w/CJ Involvement	29.9%	25.6%	25.9%	19.2%	24.2%	18.4%	14.0%		22.7%	21.7%	20.8%	20.5%	19.8%	15.7%	15.1%	
Persons w/CJ Involvement	44	40	43	35	46	29	24		3,182	3,196	3,279	3,424	3,176	1,943	1,868	
Total persons	147	156	166	182	190	158	171		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	29	32	38	34	32	31	31		2,318	2,513	2,622	2,827	2,748	2,092	2,102	
Hispanic w/CJ Involvement	15.6%	14.8%	15.2%	13.3%	13.0%	11.5%	9.7%		14.1%	13.8%	13.2%	12.7%	12.4%	9.9%	8.8%	
Persons w/CJ Involvement	81	84	92	87	86	64	59		1,269	1,340	1,411	1,464	1,361	862	785	
Total persons	519	567	605	653	662	556	610		9,015	9,737	10,656	11,484	11,007	8,731	8,893	
White Only w/CJ Involvement	17.4%	15.3%	16.0%	15.8%	16.1%	10.4%	11.5%		12.2%	11.5%	11.3%	11.3%	10.6%	8.3%	7.8%	
Persons w/CJ Involvement	314	266	283	304	304	144	163		9,044	8,717	8,886	9,272	8,084	4,720	4,342	
Total persons	1,809	1,741	1,766	1,920	1,889	1,390	1,422		74,029	75,538	78,428	81,810	76,590	56,723	55,544	
Any Minority w/CJ Involvement	18.1%	18.0%	17.5%	15.6%	15.6%	13.1%	10.6%		17%	17%	16%	16%	15%	12%	11%	
Persons w/CJ Involvement	158	163	169	162	163	113	101		6,712	6,723	6,906	7,135	6,503	3,970	3,747	
Total persons	874	908	964	1,036	1,046	865	953		39,006	40,642	43,041	45,447	43,275	33,502	33,266	
Population by Gender																
Females w/CJ Involvement	12.7%	12.8%	11.1%	12.0%	11.0%	9.1%	8.6%		9.2%	8.9%	8.6%	8.5%	7.9%	6.7%	6.2%	
Persons w/CJ Involvement	186	182	161	185	166	108	107		5,307	5,309	5,287	5,421	4,694	3,056	2,757	
Total persons	1,466	1,425	1,447	1,542	1,513	1,193	1,244		57,858	59,375	61,473	63,561	59,484	45,639	44,545	
Males w/CJ Involvement	23.1%	19.9%	22.2%	19.7%	20.8%	13.7%	13.6%		18.5%	17.4%	17.1%	16.8%	16.0%	12.3%	11.8%	
Persons w/CJ Involvement	286	249	293	286	304	150	158		10,494	10,186	10,568	11,051	9,940	5,668	5,369	
Total persons	1,236	1,251	1,322	1,454	1,464	1,091	1,163		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

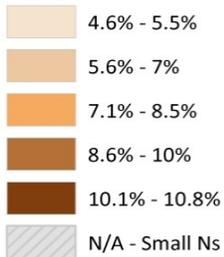
MARCH 2017

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.

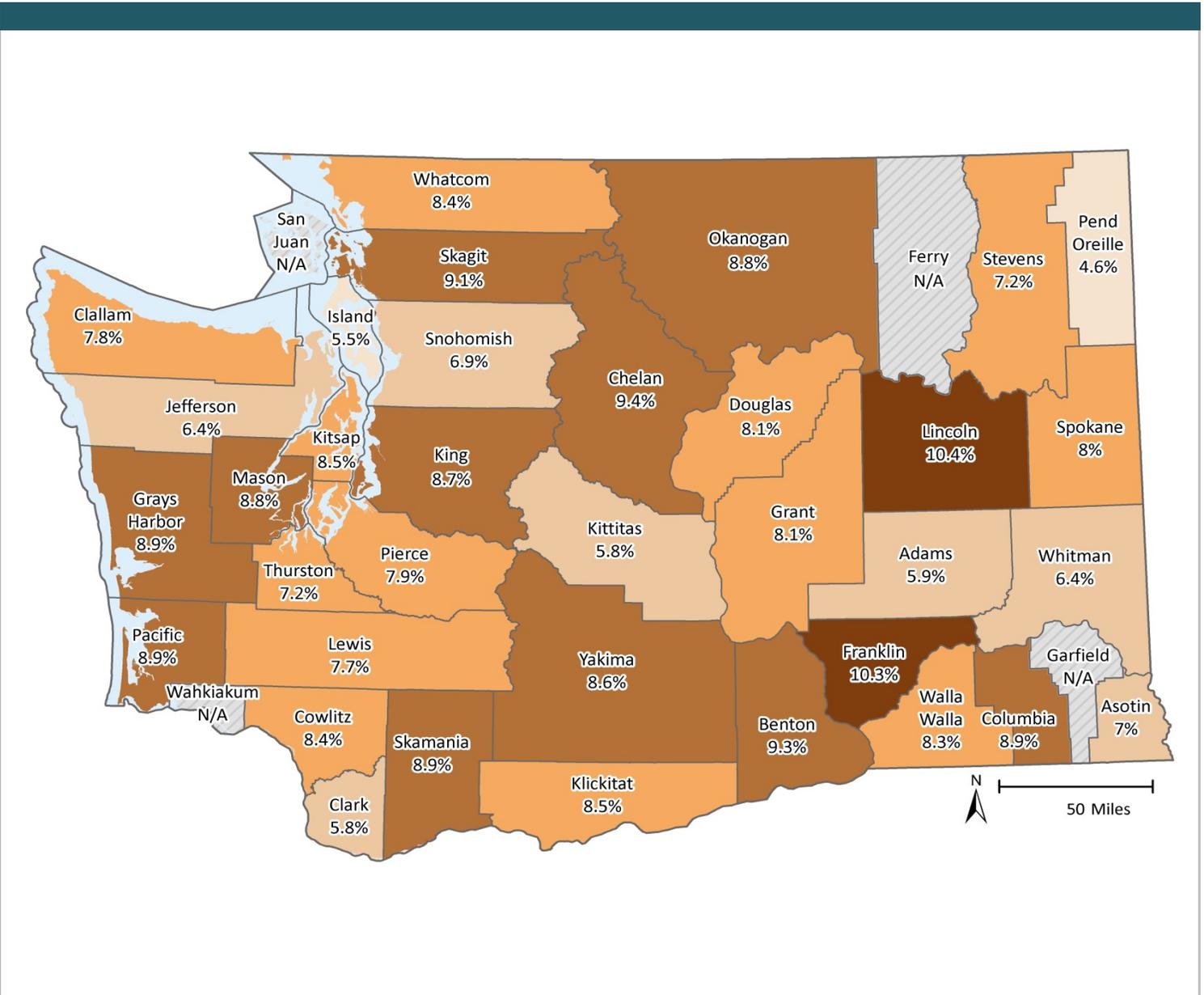
Percent of Medicaid-Disabled Youth and Adults with Criminal Justice Involvement



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*

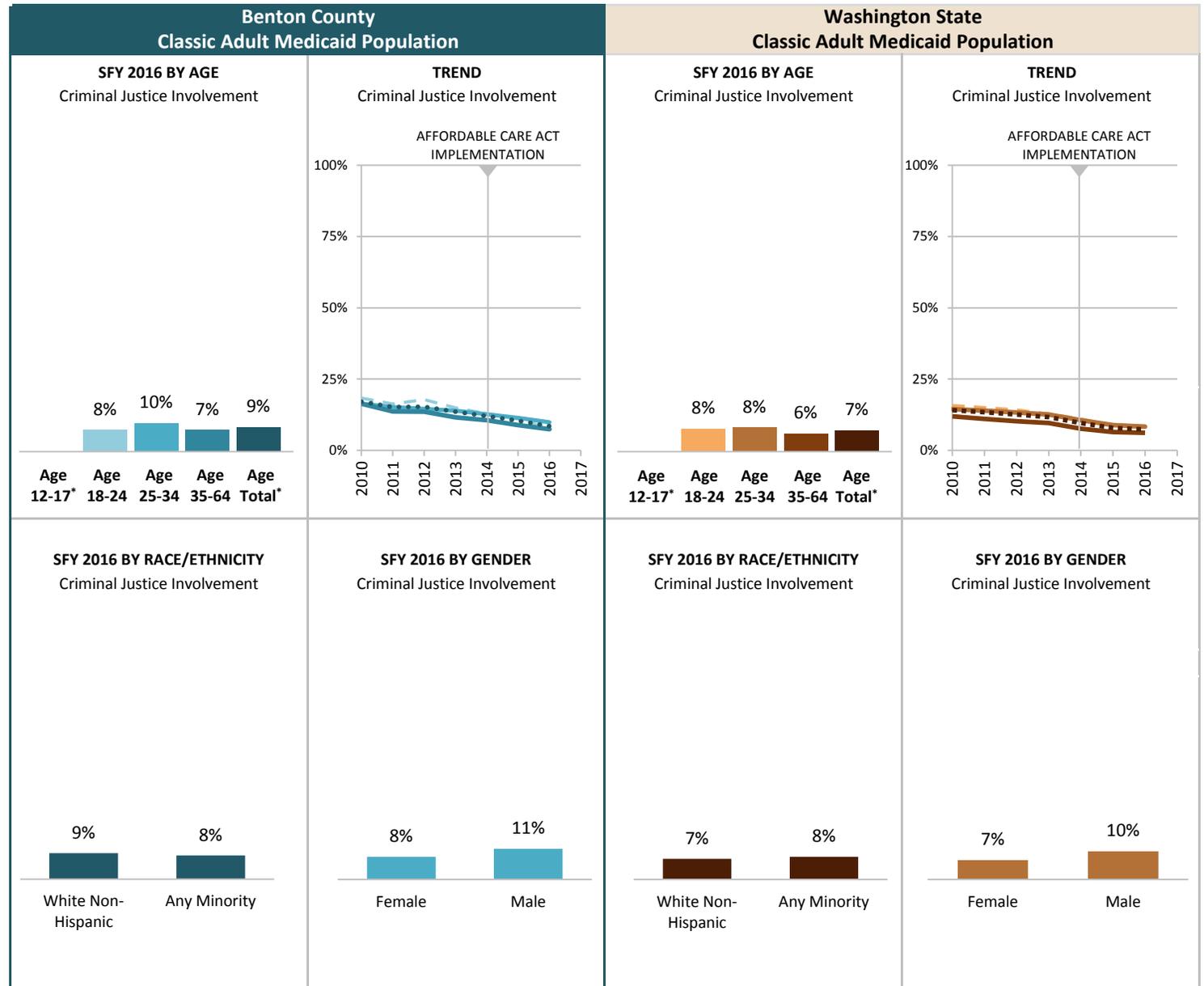
STATE:

- 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	Benton County								Washington State							
	Classic Adult Medicaid Population								Classic Adult Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 12-17 w/CJ Involvement																
Persons w/CJ Involvement																
Total persons																
Age 18-24 w/CJ Involvement	18.4%	16.3%	17.8%	15.0%	12.9%	11.1%	7.5%		15.7%	15.0%	14.2%	12.7%	11.1%	8.7%	8.0%	
Persons w/CJ Involvement	349	289	303	240	202	149	89		8,439	7,983	7,124	5,956	4,651	3,024	2,382	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/CJ Involvement	16.4%	15.2%	14.6%	14.0%	12.7%	11.4%	9.9%		14.5%	13.9%	13.3%	12.6%	10.6%	8.9%	8.3%	
Persons w/CJ Involvement	387	365	347	339	347	335	287		11,497	11,820	11,327	10,668	9,545	8,141	7,290	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/CJ Involvement	16.4%	13.6%	13.6%	11.6%	10.6%	8.9%	7.4%		12.0%	11.1%	10.3%	9.6%	7.6%	6.4%	6.2%	
Persons w/CJ Involvement	230	187	188	180	231	222	183		6,476	6,470	6,166	5,834	5,858	5,576	5,307	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total[†] w/CJ Involvement	17.1%	15.2%	15.3%	13.6%	12.0%	10.4%	8.5%		14.1%	13.4%	12.6%	11.7%	9.6%	7.9%	7.4%	
Persons w/CJ Involvement	966	841	838	759	780	706	559		26,412	26,273	24,617	22,458	20,054	16,741	14,979	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	33.1%	24.5%	28.1%	25.9%	22.9%	19.9%	15.4%		23.3%	22.2%	21.3%	19.7%	17.6%	15.2%	14.6%	
Persons w/CJ Involvement	86	58	61	56	55	51	39		3,665	3,568	3,389	3,068	2,731	2,241	2,018	
Total persons	260	237	217	216	240	256	253		15,724	16,055	15,880	15,536	15,526	14,748	13,780	
Asian w/CJ Involvement	10.2%	9.8%	14.9%	13.1%	10.1%		9.2%		10.4%	9.6%	9.4%	8.0%	6.2%	5.0%	4.5%	
Persons w/CJ Involvement	12	12	18	20	17		16		931	943	976	838	796	691	602	
Total persons	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/CJ Involvement	26.2%	24.3%	24.1%	20.7%	22.5%	15.9%	13.2%		19.2%	17.8%	16.6%	15.2%	13.3%	10.9%	9.8%	
Persons w/CJ Involvement	61	64	68	62	71	51	38		3,932	3,913	3,721	3,416	3,100	2,467	2,076	
Total persons	233	263	282	300	316	320	288		20,472	22,019	22,359	22,509	23,300	22,608	21,247	
Hawaiian/PI w/CJ Involvement			15.5%		16.3%	10.2%	8.4%		12.9%	12.2%	11.7%	9.5%	8.1%	6.5%	5.9%	
Persons w/CJ Involvement			11		17	15	12		848	878	894	760	748	649	568	
Total persons	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/CJ Involvement	18.3%	15.3%	16.6%	13.8%	11.0%	9.9%	7.9%		13.9%	13.7%	12.9%	12.2%	9.5%	7.7%	7.0%	
Persons w/CJ Involvement	316	266	289	250	246	232	179		3,888	4,127	4,010	3,792	3,504	2,959	2,586	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/CJ Involvement	16.0%	14.9%	14.4%	13.2%	12.2%	10.7%	9.1%		13.3%	12.6%	11.8%	11.1%	9.0%	7.6%	7.3%	
Persons w/CJ Involvement	519	459	438	398	421	381	313		14,551	14,305	13,221	12,069	10,538	8,895	8,099	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/CJ Involvement	19.8%	16.5%	17.5%	14.8%	12.4%	10.7%	8.3%		16%	15%	14%	13%	11%	9%	8%	
Persons w/CJ Involvement	440	374	393	353	353	323	242		11,590	11,738	11,206	10,252	9,400	7,749	6,782	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/CJ Involvement	14.5%	13.1%	13.2%	12.0%	10.5%	9.5%	7.9%		11.7%	11.2%	10.5%	9.8%	8.3%	7.1%	6.7%	
Persons w/CJ Involvement	637	563	563	522	520	499	404		16,960	16,967	15,867	14,617	13,376	11,812	10,694	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/CJ Involvement	26.3%	22.6%	23.1%	19.4%	16.9%	13.3%	10.7%		22.5%	20.5%	19.5%	18.1%	13.7%	10.4%	9.8%	
Persons w/CJ Involvement	329	278	275	237	260	207	155		9,452	9,306	8,750	7,841	6,678	4,929	4,285	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Criminal Justice Involvement Rates

Among Medicaid-Classic Adults, by County

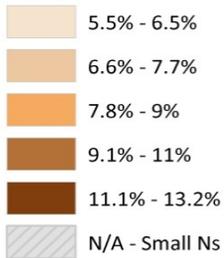
MARCH 2017

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.

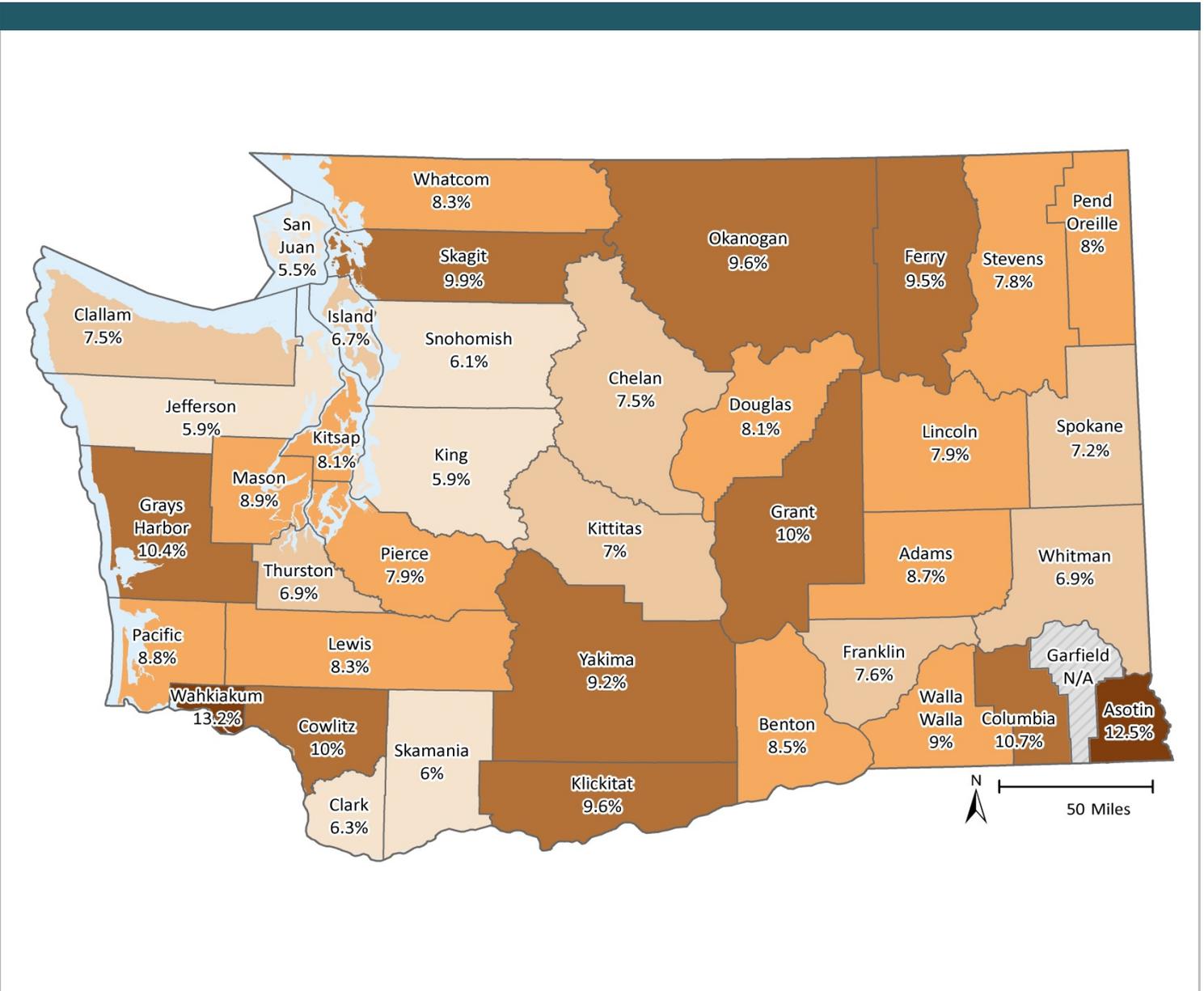
Percent of Medicaid-Classic Adults with Criminal Justice Involvement



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*

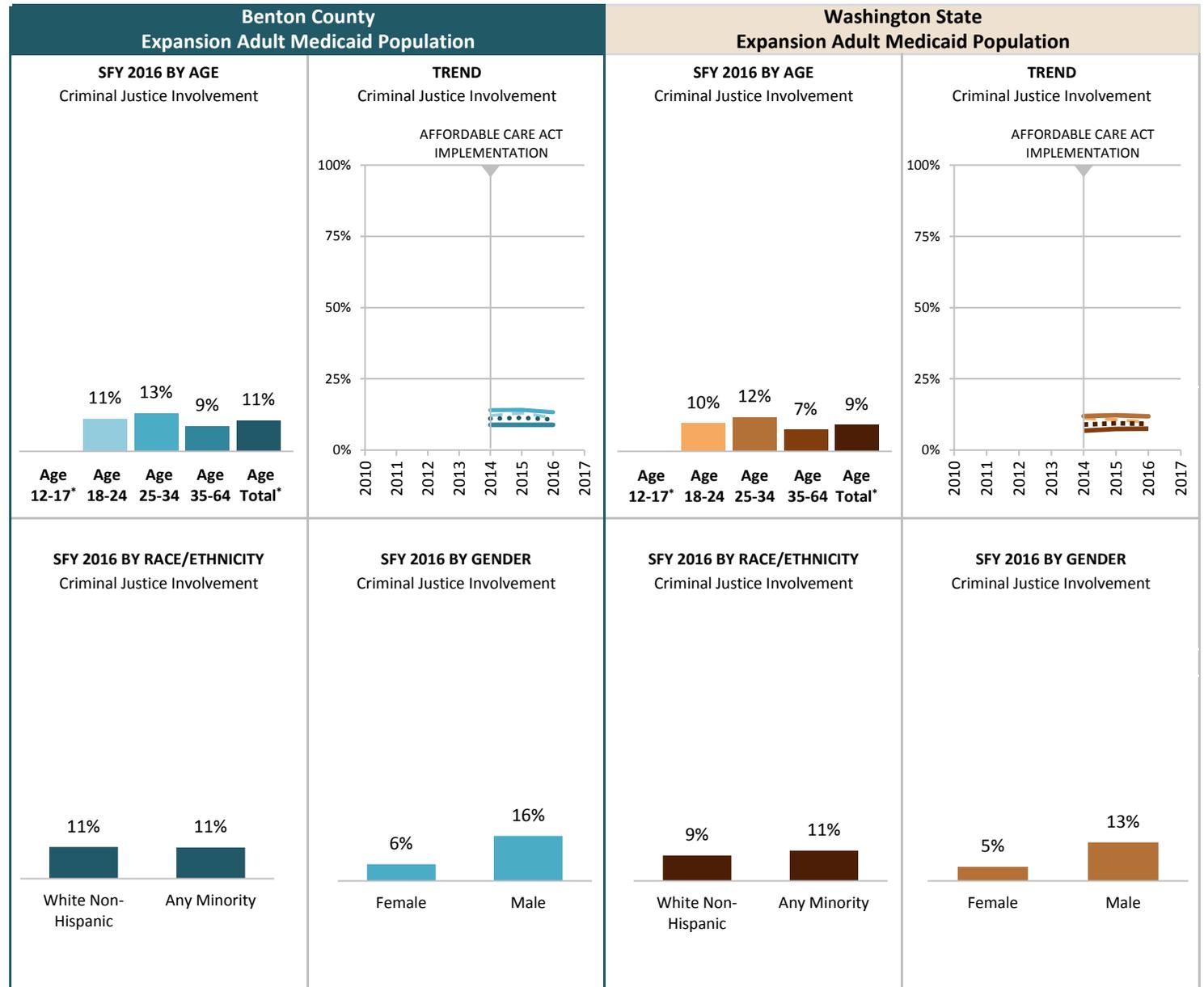
STATE:

- 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	Benton 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					12.1%	13.0%	11.3%						11.2%	10.7%	9.8%	
Persons w/CJ Involvement					203	393	398						6,674	11,052	11,751	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/CJ Involvement					14.0%	14.1%	13.3%						12.0%	12.2%	11.9%	
Persons w/CJ Involvement					353	633	692						12,268	21,609	24,337	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/CJ Involvement					8.9%	8.9%	8.8%						6.8%	7.4%	7.5%	
Persons w/CJ Involvement					376	626	689						13,440	23,522	25,844	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total[†] w/CJ Involvement					11.1%	11.3%	10.8%						9.0%	9.4%	9.2%	
Persons w/CJ Involvement					932	1,652	1,779						32,382	56,183	61,932	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement					19.0%	22.6%	21.3%						21.4%	21.3%	19.8%	
Persons w/CJ Involvement					43	103	113						3,599	6,462	6,981	
Total persons					226	456	530						16,783	30,399	35,266	
Asian w/CJ Involvement					7.0%	6.6%	5.0%						4.1%	4.7%	4.7%	
Persons w/CJ Involvement					21	31	27						1,365	2,290	2,430	
Total persons					298	473	535						32,924	48,483	51,833	
Black w/CJ Involvement					21.9%	21.3%	18.7%						14.9%	15.7%	15.4%	
Persons w/CJ Involvement					66	120	119						4,205	7,707	8,631	
Total persons					301	563	638						28,284	49,017	56,142	
Hawaiian/PI w/CJ Involvement					10.4%	8.8%	8.1%						8.0%	8.0%	7.8%	
Persons w/CJ Involvement					14	20	20						917	1,629	1,830	
Total persons					135	228	246						11,451	20,416	23,467	
Hispanic w/CJ Involvement					9.7%	9.8%	9.8%						8.5%	9.2%	9.3%	
Persons w/CJ Involvement					249	422	485						4,450	7,829	9,022	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/CJ Involvement					11.3%	11.9%	11.1%						8.9%	9.1%	8.9%	
Persons w/CJ Involvement					553	1,012	1,061						19,312	32,907	35,892	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/CJ Involvement					11.1%	11.2%	10.9%						10%	11%	11%	
Persons w/CJ Involvement					368	631	706						12,841	22,753	25,401	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/CJ Involvement					5.8%	6.0%	5.8%						4.8%	5.0%	4.9%	
Persons w/CJ Involvement					244	431	471						8,688	14,742	16,055	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/CJ Involvement					16.4%	16.4%	15.6%						13.1%	13.6%	13.4%	
Persons w/CJ Involvement					688	1,221	1,308						23,694	41,441	45,877	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

Criminal Justice Involvement Rates

Among Medicaid-Expansion Adults, by County

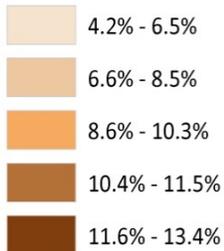
MARCH 2017

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.

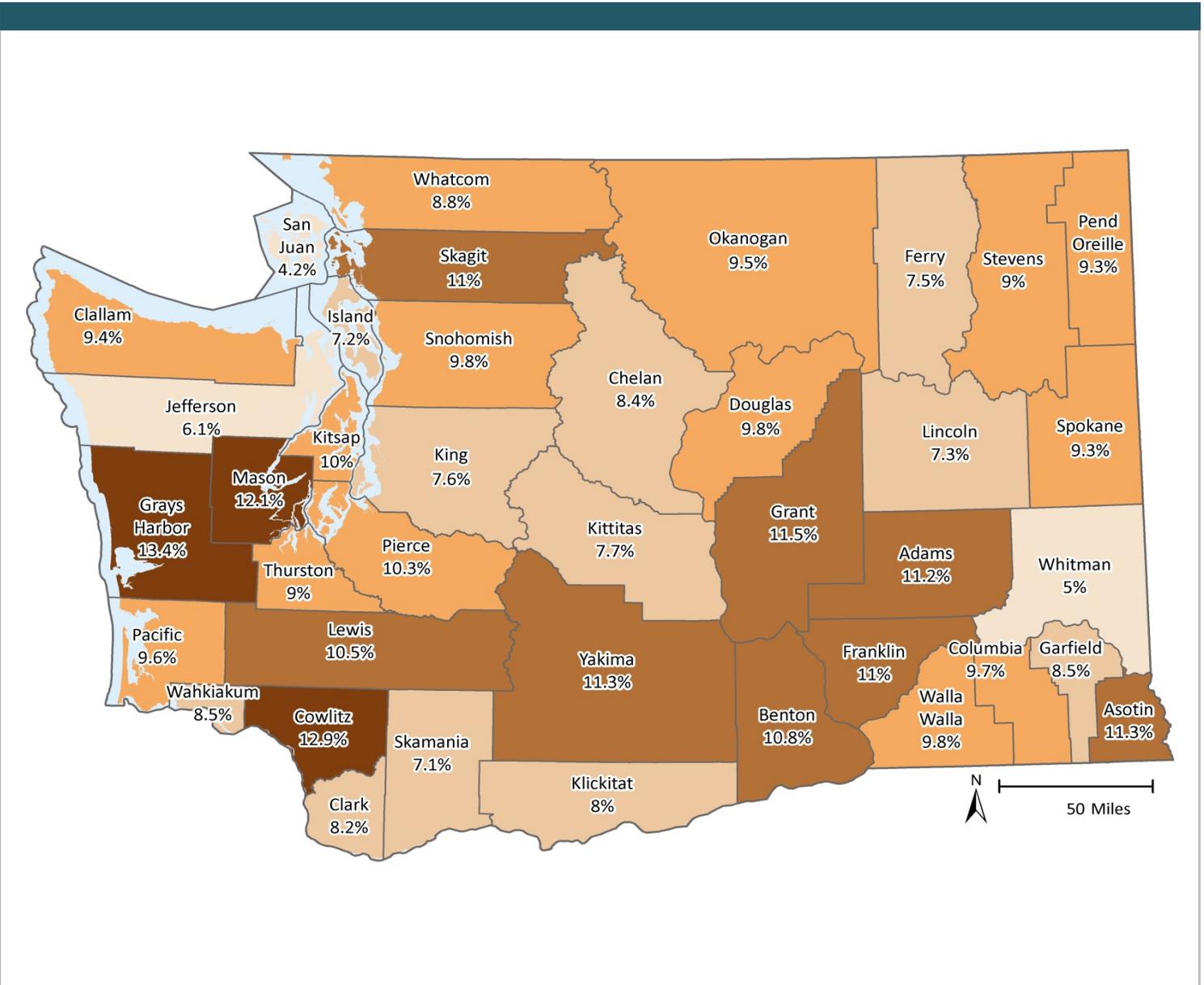
Percent of Medicaid-Expansion Adults with Criminal Justice Involvement



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.





Benton 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*

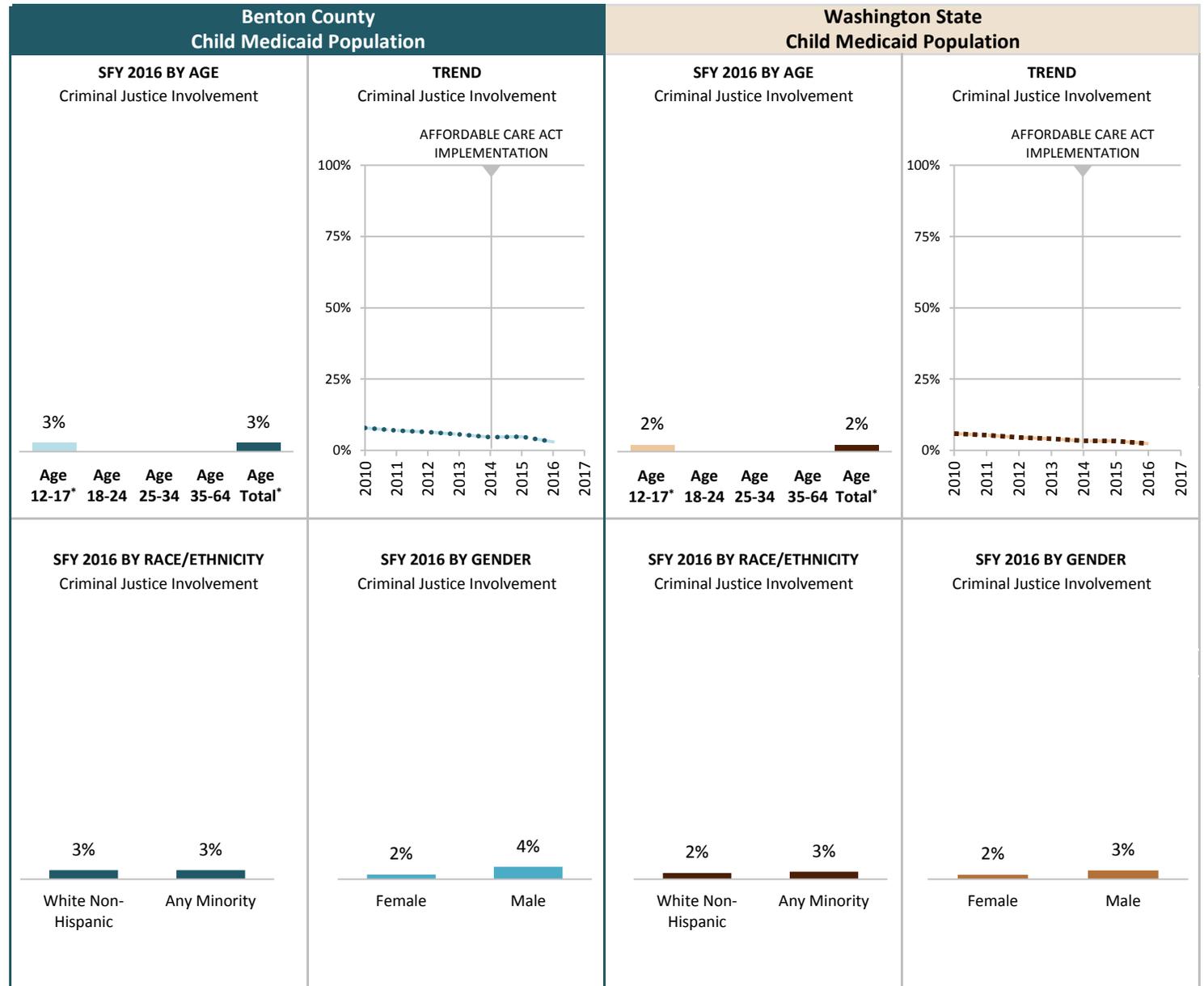
STATE:

- 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 Child-Medicaid coverage in the year. Adults are not included in the Child-Medicaid category.

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



SUPPORTING TABLES | Criminal Justice Involvement

STATE FISCAL YEAR	Benton County Child Medicaid Population								Washington State Child Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 12-17 w/CJ Involvement	7.9%	7.0%	6.5%	5.6%	4.6%	4.8%	3.0%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	366	341	335	316	284	315	215		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		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	7.9%	7.0%	6.5%	5.6%	4.6%	4.8%	3.0%		5.9%	5.3%	4.5%	4.1%	3.4%	3.2%	2.4%	
Persons w/CJ Involvement	366	341	335	316	284	315	215		9,542	9,237	8,099	7,592	6,702	6,740	5,209	
Total persons	4,638	4,890	5,179	5,597	6,149	6,558	7,057		162,627	173,386	178,968	183,694	198,942	207,420	218,447	
Population by Race-Ethnicity																
Amer Indian w/CJ Involvement	12.4%	7.7%	12.3%	10.1%	8.5%	7.5%	8.2%		10.4%	9.3%	8.5%	8.2%	7.1%	7.0%	5.2%	
Persons w/CJ Involvement	22	14	21	18	15	14	15		1,269	1,186	1,094	1,072	931	923	709	
Total persons	178	183	171	179	177	186	182		12,249	12,703	12,883	13,128	13,141	13,262	13,536	
Asian w/CJ Involvement			8.6%	6.6%					3.8%	3.5%	3.0%	2.5%	1.8%	1.8%	1.2%	
Persons w/CJ Involvement			11	11					426	428	375	324	261	271	193	
Total persons	105	116	128	167	197	206	226		11,190	12,185	12,570	12,852	14,718	15,395	15,780	
Black w/CJ Involvement	11.6%	12.2%	12.1%	11.1%	10.1%	8.7%	4.6%		8.7%	7.7%	6.9%	6.4%	5.5%	5.4%	4.5%	
Persons w/CJ Involvement	27	28	34	32	31	27	16		1,548	1,426	1,324	1,283	1,142	1,145	997	
Total persons	233	230	280	287	306	310	351		17,731	18,623	19,279	19,932	20,782	21,338	22,105	
Hawaiian/PI w/CJ Involvement				11.2%					4.8%	4.3%	4.1%	3.7%	2.9%	3.0%	2.2%	
Persons w/CJ Involvement				11					315	313	318	297	251	276	212	
Total persons	69	73	90	98	109	115	125		6,591	7,363	7,794	8,030	8,716	9,164	9,839	
Hispanic w/CJ Involvement	9.0%	7.4%	6.4%	6.1%	4.6%	4.7%	2.9%		6.1%	5.7%	4.7%	4.1%	3.3%	3.2%	2.3%	
Persons w/CJ Involvement	197	172	158	165	134	151	100		2,681	2,715	2,383	2,191	1,944	2,006	1,564	
Total persons	2,181	2,333	2,461	2,690	2,933	3,182	3,499		44,109	47,723	50,592	53,801	59,067	62,688	67,923	
White Only w/CJ Involvement	6.3%	6.4%	6.1%	4.9%	4.4%	4.7%	3.2%		5.4%	5.0%	4.1%	3.9%	3.2%	3.1%	2.2%	
Persons w/CJ Involvement	123	130	128	108	109	122	85		4,088	3,971	3,367	3,168	2,781	2,795	2,075	
Total persons	1,953	2,043	2,104	2,222	2,480	2,591	2,695		75,857	80,066	81,561	81,847	87,798	89,996	92,594	
Any Minority w/CJ Involvement	9.4%	7.6%	7.1%	6.5%	5.0%	5.0%	3.1%		7%	6%	5%	5%	4%	4%	3%	
Persons w/CJ Involvement	241	207	206	208	175	188	128		5,388	5,196	4,684	4,395	3,874	3,901	3,099	
Total persons	2,573	2,741	2,914	3,179	3,472	3,747	4,110		82,162	88,045	91,997	96,194	104,259	109,275	115,992	
Population by Gender																
Females w/CJ Involvement	6.0%	5.1%	3.9%	4.1%	3.1%	3.3%	1.7%		4.2%	3.8%	3.2%	2.9%	2.4%	2.3%	1.6%	
Persons w/CJ Involvement	139	124	100	113	94	105	58		3,439	3,277	2,817	2,651	2,324	2,329	1,751	
Total persons	2,317	2,439	2,556	2,737	2,989	3,230	3,466		81,320	86,265	88,937	91,117	98,880	103,147	108,564	
Males w/CJ Involvement	9.8%	8.9%	9.0%	7.1%	6.0%	6.3%	4.4%		7.5%	6.8%	5.9%	5.3%	4.4%	4.2%	3.1%	
Persons w/CJ Involvement	227	217	235	203	190	210	157		6,103	5,960	5,282	4,941	4,378	4,411	3,458	
Total persons	2,321	2,451	2,623	2,860	3,160	3,328	3,591		81,307	87,121	90,031	92,577	100,062	104,273	109,883	

Criminal Justice Involvement Rates Among Medicaid-Children, by County

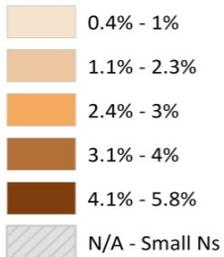
MARCH 2017

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.

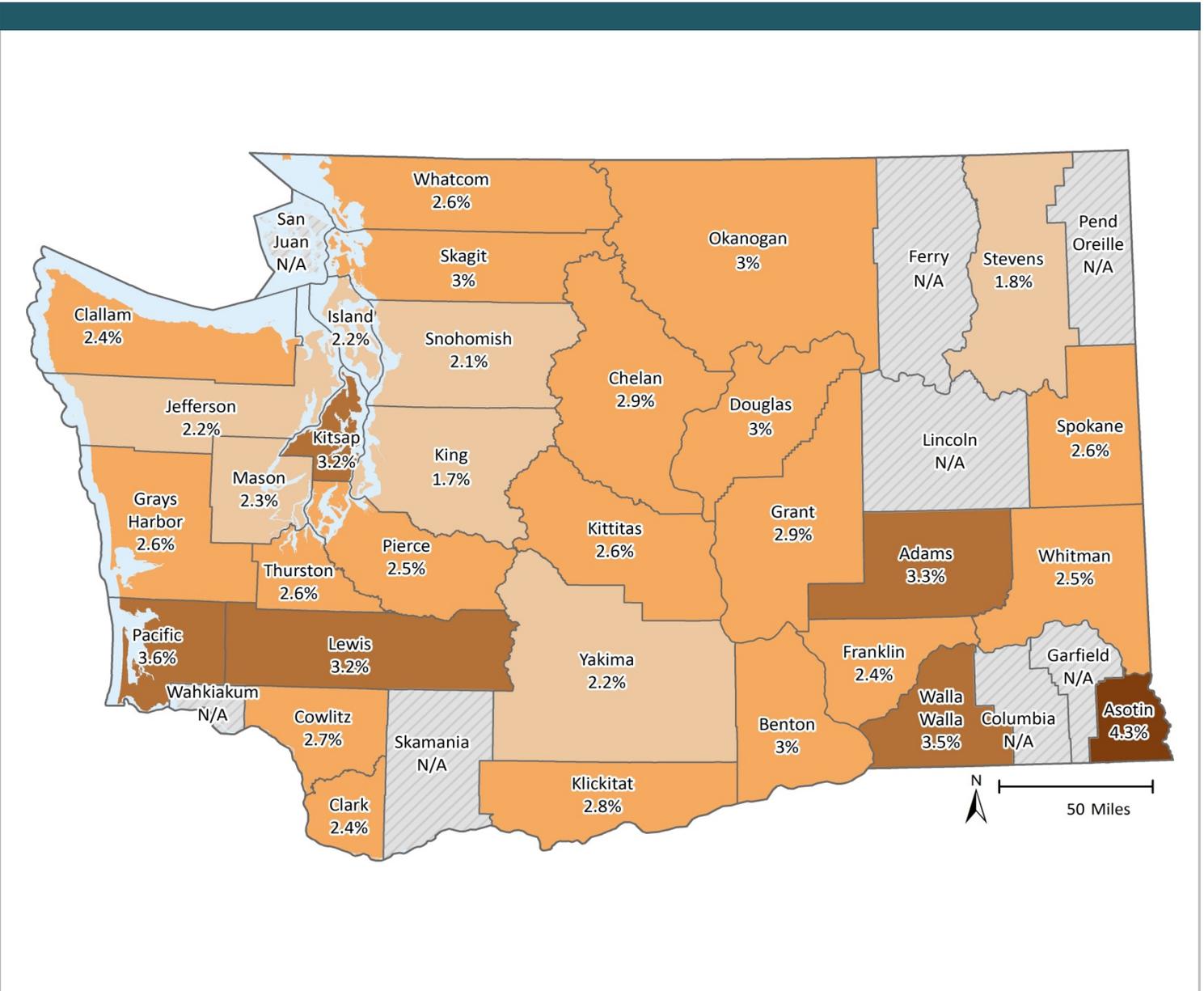
Percent of Medicaid-Children with Criminal Justice Involvement



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.





Benton County

Behavioral Health Treatment Needs and Outcomes

Psychotropic Polypharmacy

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Psychotropic Polypharmacy

STATE FISCAL YEAR by Medicaid Sub-Population	Benton County Medicaid Population								Washington State Medicaid Population							
	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Medicaid-Disabled	13.5%	12.5%	13.4%	12.4%	15.2%	14.2%	13.9%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	420	388	429	425	517	388	396		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	2.0%	2.2%	2.0%	2.1%	2.8%	3.2%	3.5%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	111	123	108	119	184	218	232		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					1.7%	3.2%	3.4%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					139	460	560						4,922	16,087	19,012	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	0.3%	0.3%	0.3%	0.3%	0.5%	0.5%	0.6%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	58	58	69	74	122	126	145		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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*

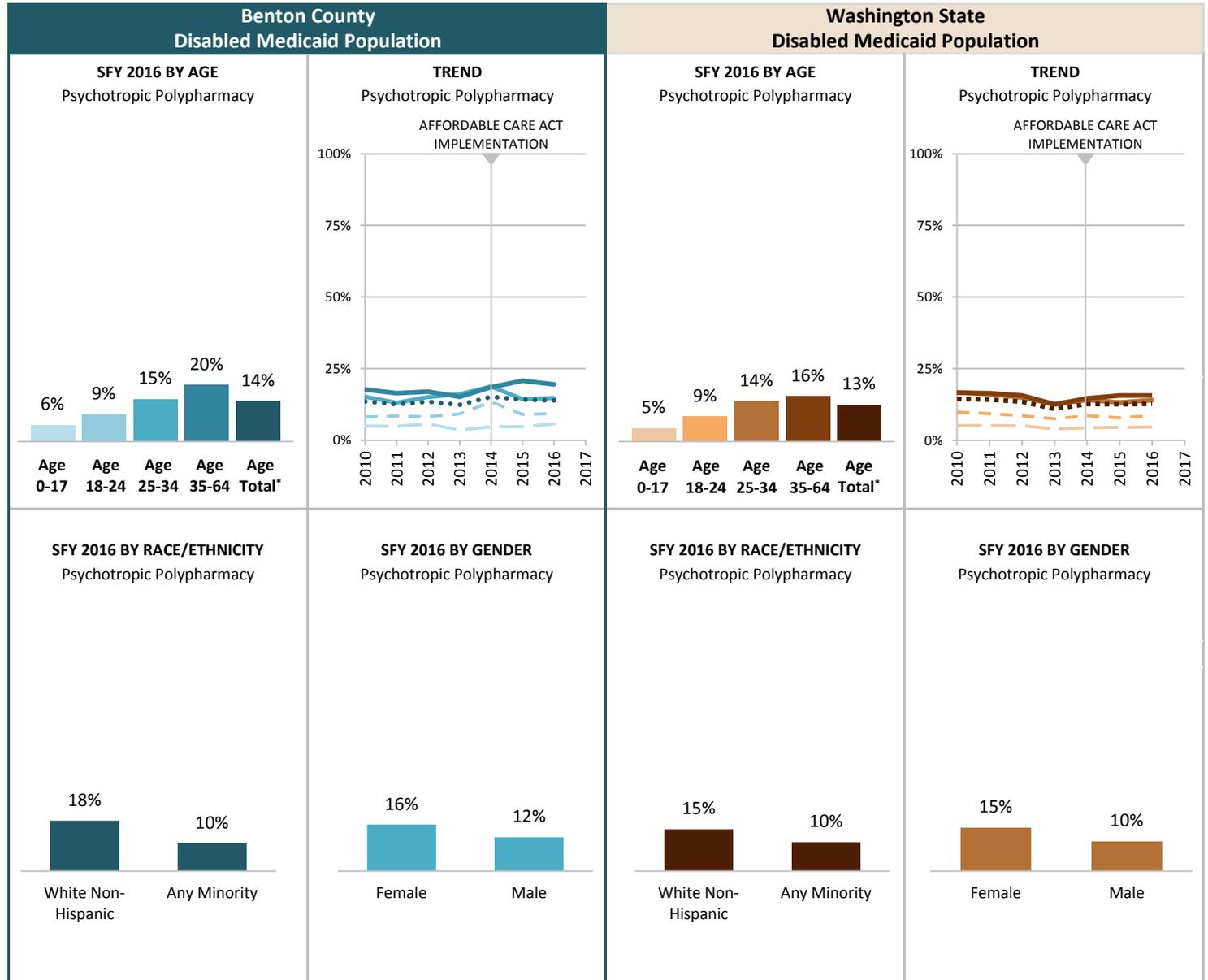
STATE:

- 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

	Benton 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.	4.9%	4.9%	5.7%	3.6%	4.7%	4.7%	5.7%		5.2%	5.2%	5.1%	4.0%	4.3%	4.5%	4.6%	
Persons w/psy. polypharm.	31	32	38	25	32	34	42		866	897	912	733	798	832	863	
Total persons	629	656	667	687	683	716	738		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/psy. polypharm.	8.1%	8.5%	8.2%	9.2%	13.4%	9.1%	9.3%		9.8%	9.3%	8.6%	7.5%	8.6%	7.9%	8.6%	
Persons w/psy. polypharm.	30	30	27	35	52	29	33		1,219	1,161	1,077	961	1,017	770	829	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/psy. polypharm.	15.2%	13.1%	15.1%	16.1%	18.8%	14.3%	14.7%		16.7%	16.1%	14.9%	12.5%	14.1%	13.2%	14.0%	
Persons w/psy. polypharm.	79	67	76	83	97	59	64		2,834	2,813	2,729	2,425	2,599	1,802	1,906	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/psy. polypharm.	17.7%	16.5%	17.0%	15.2%	18.5%	20.8%	19.5%		16.6%	16.5%	15.6%	12.6%	14.7%	15.6%	15.6%	
Persons w/psy. polypharm.	280	259	288	282	336	266	257		13,096	13,369	13,348	11,275	12,312	9,460	9,259	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total† w/psy. polypharm.	13.5%	12.5%	13.4%	12.4%	15.2%	14.2%	13.9%		14.4%	14.2%	13.5%	11.0%	12.6%	12.5%	12.7%	
Persons w/psy. polypharm.	420	388	429	425	517	388	396		18,015	18,240	18,066	15,394	16,726	12,864	12,857	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.	16.9%	17.1%	17.0%	17.0%	17.4%	19.2%	18.5%		16.5%	16.0%	14.9%	12.6%	14.1%	13.9%	14.3%	
Persons w/psy. polypharm.	30	29	29	31	32	29	32		2,082	2,076	1,998	1,764	1,872	1,446	1,449	
Total persons	178	170	171	182	184	151	173		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	78	75	75	72	69	54	62		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/psy. polypharm.	9.6%	8.5%	9.1%	7.6%	11.5%	7.1%	7.3%		11.4%	11.4%	10.8%	8.9%	9.8%	9.6%	9.3%	
Persons w/psy. polypharm.	17	16	18	16	25	14	15		1,798	1,887	1,903	1,663	1,761	1,368	1,334	
Total persons	178	188	198	211	217	198	206		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	32	37	41	37	40	40	41		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/psy. polypharm.	6.6%	6.7%	7.1%	6.6%	9.6%	7.7%	8.2%		8.2%	8.3%	7.9%	6.6%	7.8%	7.1%	7.5%	
Persons w/psy. polypharm.	47	52	58	57	84	59	67		986	1,067	1,100	976	1,121	866	913	
Total persons	710	779	813	860	871	770	821		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/psy. polypharm.	16.5%	15.4%	16.5%	14.9%	18.0%	18.1%	17.5%		16.2%	16.0%	15.1%	12.3%	14.3%	14.5%	14.7%	
Persons w/psy. polypharm.	325	293	318	313	369	282	277		12,727	12,774	12,568	10,595	11,589	8,853	8,786	
Total persons	1,975	1,902	1,930	2,097	2,052	1,555	1,582		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/psych polypharm.	8.6%	8.3%	8.8%	8.4%	11.2%	9.1%	9.7%		12%	12%	11%	9%	10%	10%	10%	
Persons w/psy. polypharm.	95	95	107	108	145	102	117		5,233	5,413	5,439	4,758	5,080	3,967	4,017	
Total persons	1,100	1,151	1,210	1,280	1,291	1,127	1,212		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/psy. polypharm.	16.4%	15.5%	15.9%	14.2%	17.6%	17.9%	16.1%		16.9%	16.8%	15.9%	13.1%	15.0%	15.1%	15.2%	
Persons w/psy. polypharm.	264	244	254	240	292	240	224		10,386	10,599	10,431	8,849	9,495	7,465	7,353	
Total persons	1,606	1,575	1,594	1,687	1,659	1,338	1,387		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/psy. polypharm.	10.4%	9.5%	10.9%	10.6%	12.9%	10.7%	11.8%		12.1%	11.7%	11.1%	9.0%	10.4%	10.2%	10.4%	
Persons w/psy. polypharm.	156	144	175	185	225	148	172		7,629	7,641	7,635	6,545	7,231	5,399	5,504	
Total persons	1,496	1,517	1,601	1,751	1,742	1,389	1,454		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

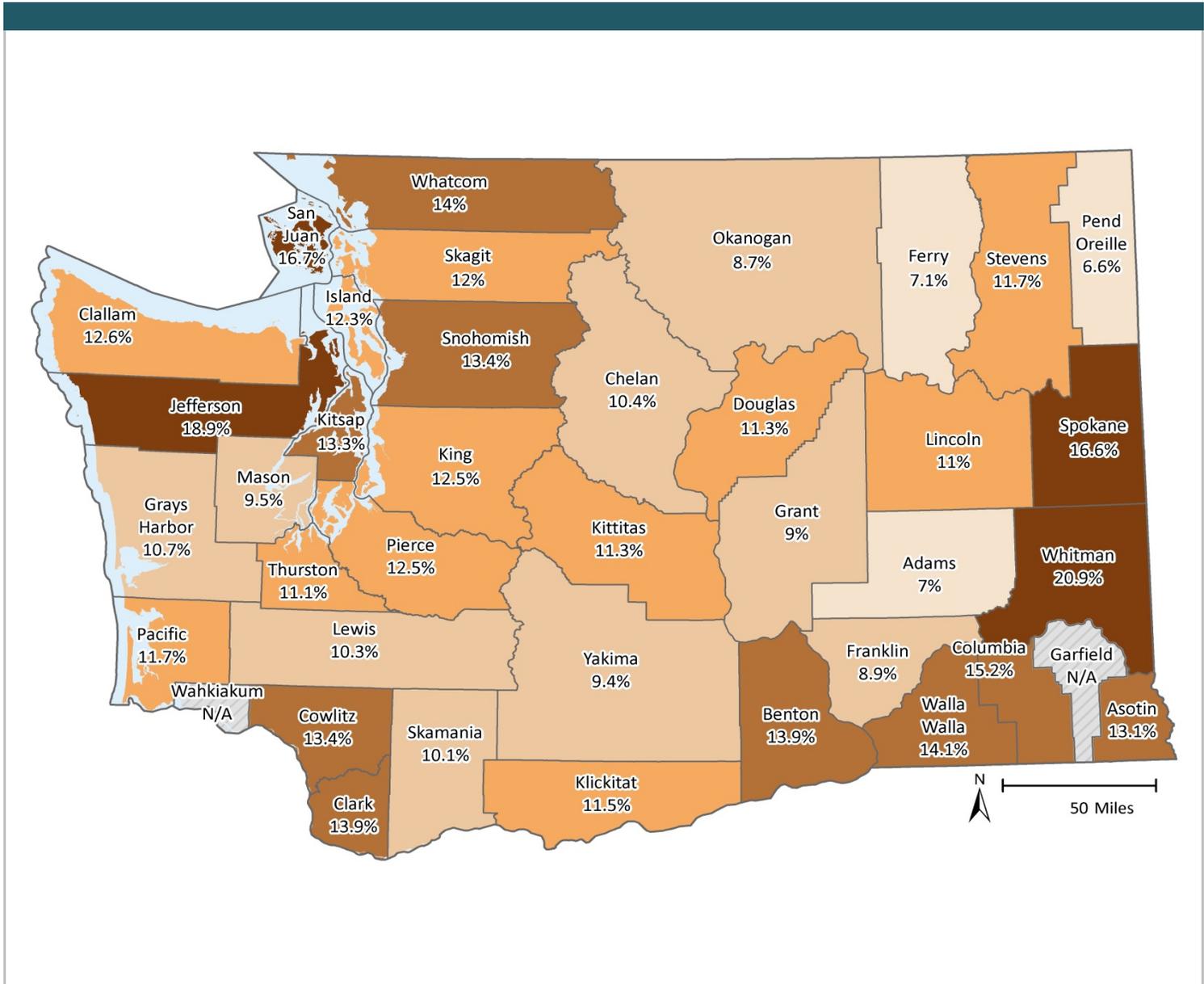
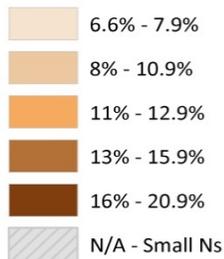
MARCH 2017

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*

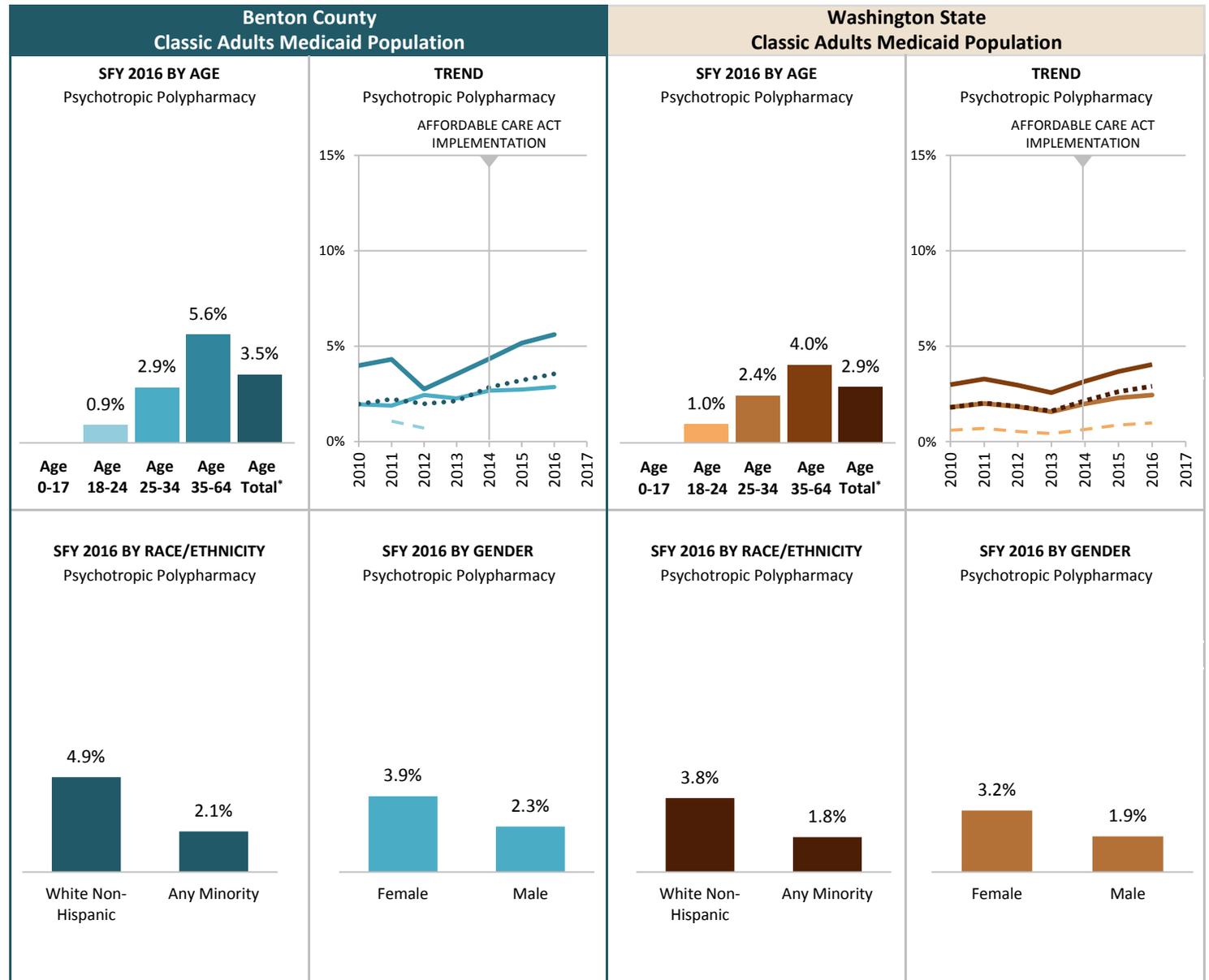
STATE:

- 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

	Benton 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.		1.1%	0.7%		1.1%		0.9%		0.6%	0.7%	0.5%	0.4%	0.6%	0.9%	1.0%	
Persons w/psy. polypharm.		19	12		17		11		318	371	268	198	268	302	290	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/psy. polypharm.	1.9%	1.9%	2.4%	2.3%	2.7%	2.7%	2.9%		1.8%	2.0%	1.8%	1.6%	2.0%	2.3%	2.4%	
Persons w/psy. polypharm.	46	45	58	55	73	80	83		1,431	1,691	1,558	1,328	1,777	2,096	2,130	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/psy. polypharm.	4.0%	4.3%	2.7%	3.5%	4.3%	5.2%	5.6%		3.0%	3.3%	3.0%	2.6%	3.2%	3.7%	4.0%	
Persons w/psy. polypharm.	56	59	38	55	94	129	138		1,610	1,917	1,774	1,551	2,436	3,181	3,451	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total† w/psy. polypharm.	2.0%	2.2%	2.0%	2.1%	2.8%	3.2%	3.5%		1.8%	2.0%	1.8%	1.6%	2.1%	2.6%	2.9%	
Persons w/psy. polypharm.	111	123	108	119	184	218	232		3,359	3,979	3,600	3,077	4,481	5,579	5,871	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.		6.8%	6.0%		5.0%				2.9%	3.1%	2.5%	2.3%	2.9%	3.4%	3.9%	
Persons w/psy. polypharm.		16	13		12				451	495	391	353	446	497	538	
Total persons	260	237	217	216	240	256	253		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	118	122	121	153	168	193	174		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	233	263	282	300	316	320	288		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	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/psy. polypharm.	1.0%		0.7%	1.1%	1.1%	1.5%	1.8%		1.0%	1.1%	1.1%	0.9%	1.1%	1.4%	1.6%	
Persons w/psy. polypharm.	17		13	20	24	35	41		272	326	341	283	417	549	579	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/psy. polypharm.	2.7%	3.2%	2.8%	3.0%	4.1%	4.5%	4.9%		2.2%	2.5%	2.3%	2.0%	2.8%	3.5%	3.8%	
Persons w/psy. polypharm.	86	97	84	90	142	159	168		2,420	2,836	2,570	2,194	3,241	4,088	4,282	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/psych polypharm.	1.1%	1.1%	1.1%	1.2%	1.5%	1.9%	2.1%		1.3%	1.5%	1.3%	1.1%	1.4%	1.6%	1.8%	
Persons w/psy. polypharm.	24	26	24	29	42	58	61		925	1,125	1,010	875	1,219	1,467	1,544	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/psy. polypharm.	2.3%	2.4%	2.2%	2.3%	3.1%	3.6%	3.9%		2.0%	2.3%	2.1%	1.8%	2.4%	2.9%	3.2%	
Persons w/psy. polypharm.	100	105	94	102	154	186	198		2,927	3,470	3,164	2,714	3,882	4,790	5,061	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/psy. polypharm.	0.9%	1.5%	1.2%	1.4%	2.0%	2.1%	2.3%		1.0%	1.1%	1.0%	0.8%	1.2%	1.7%	1.9%	
Persons w/psy. polypharm.	11	18	14	17	30	32	34		432	509	436	363	599	789	810	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

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

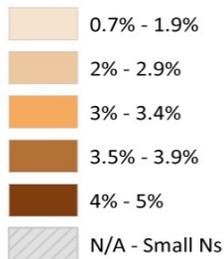
MARCH 2017

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.

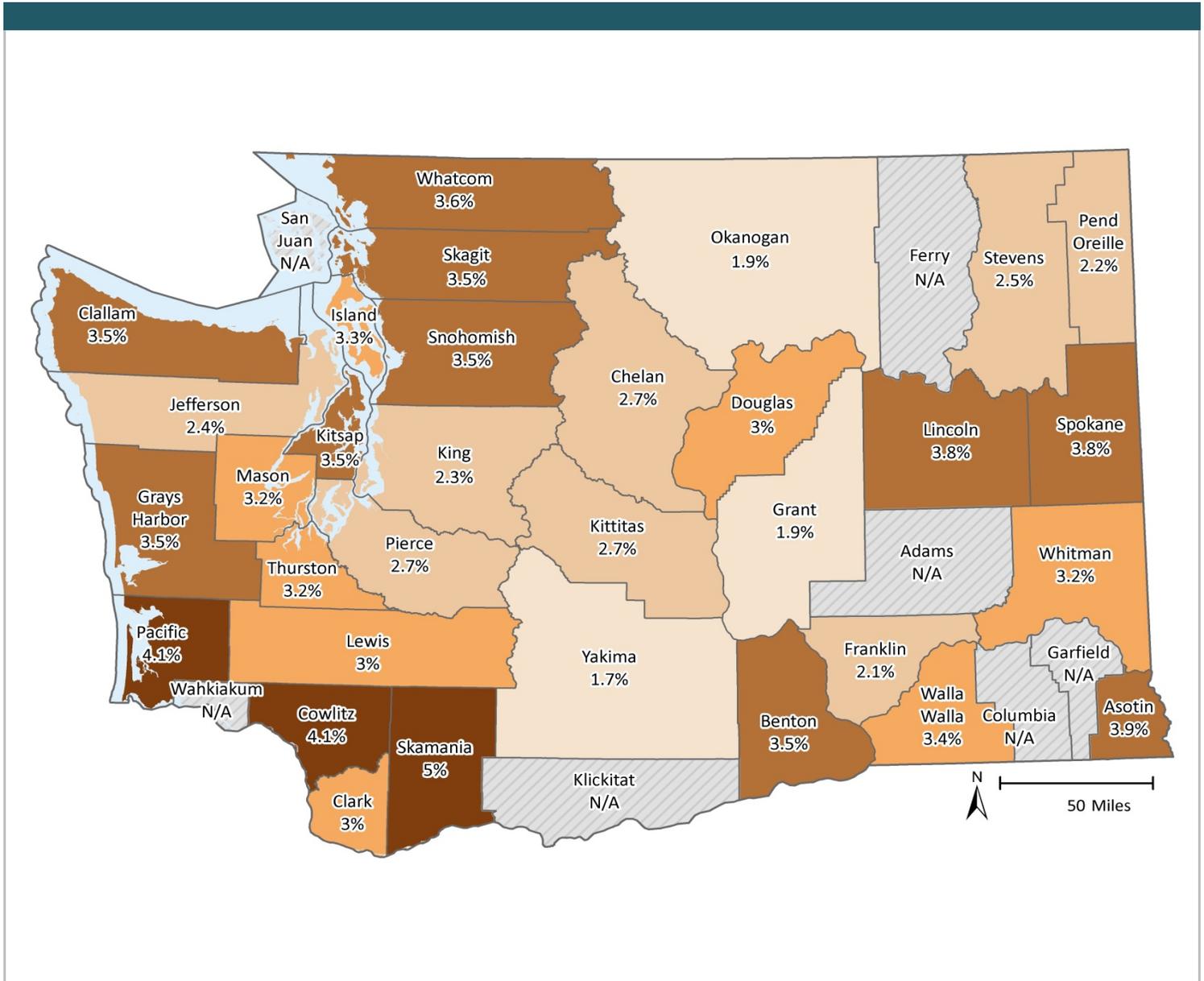
Percent of Medicaid-Classic Adults with Psychotropic Polypharmacy



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*

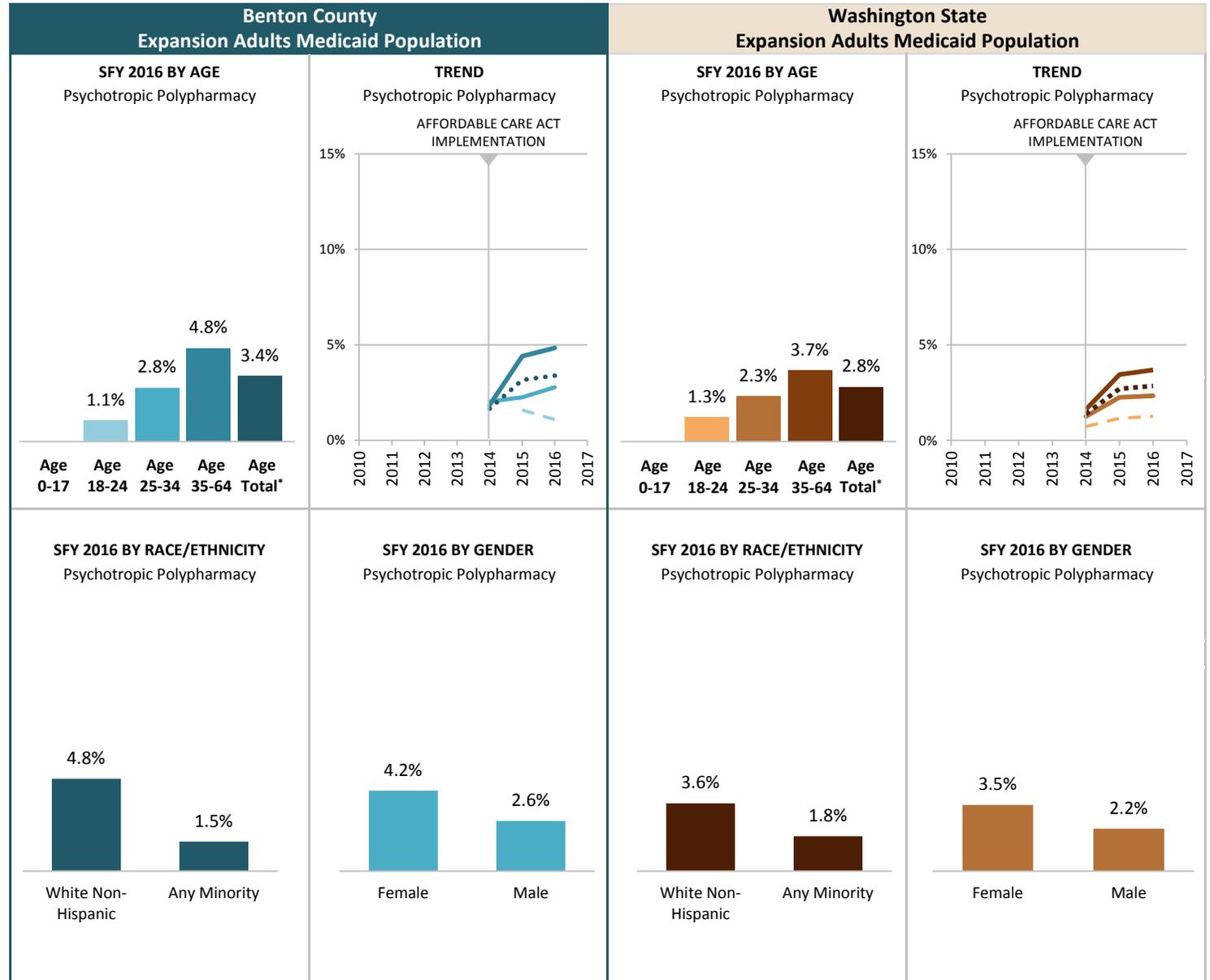
STATE:

- 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	Benton 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.						1.6%	1.1%						0.7%	1.2%	1.3%	
Persons w/psy. polypharm.						48	38						429	1,190	1,511	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/psy. polypharm.					2.0%	2.2%	2.8%						1.3%	2.2%	2.3%	
Persons w/psy. polypharm.					51	101	145						1,283	3,989	4,780	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/psy. polypharm.					1.8%	4.4%	4.8%						1.6%	3.4%	3.7%	
Persons w/psy. polypharm.					78	311	377						3,210	10,908	12,721	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total† w/psy. polypharm.					1.7%	3.2%	3.4%						1.4%	2.7%	2.8%	
Persons w/psy. polypharm.					139	460	560						4,922	16,087	19,012	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.						4.4%	4.0%						2.5%	4.1%	4.1%	
Persons w/psy. polypharm.						20	21						424	1,255	1,456	
Total persons					226	456	530						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					298	473	535						32,924	48,483	51,833	
Black w/psy. polypharm.						2.0%	2.4%						0.9%	1.9%	2.0%	
Persons w/psy. polypharm.						11	15						243	950	1,095	
Total persons					301	563	638						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					135	228	246						11,451	20,416	23,467	
Hispanic w/psy. polypharm.					0.7%	1.5%	1.4%						0.6%	1.4%	1.5%	
Persons w/psy. polypharm.					17	64	70						308	1,154	1,483	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/psy. polypharm.					2.2%	4.2%	4.8%						1.7%	3.4%	3.6%	
Persons w/psy. polypharm.					107	360	459						3,793	12,139	14,330	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/psych polypharm.					0.9%	1.6%	1.5%						1%	2%	2%	
Persons w/psy. polypharm.					29	91	99						1,078	3,740	4,403	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/psy. polypharm.					1.8%	3.8%	4.2%						1.6%	3.3%	3.5%	
Persons w/psy. polypharm.					78	271	341						2,904	9,535	11,403	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/psy. polypharm.					1.5%	2.5%	2.6%						1.1%	2.1%	2.2%	
Persons w/psy. polypharm.					61	189	219						2,018	6,552	7,609	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

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

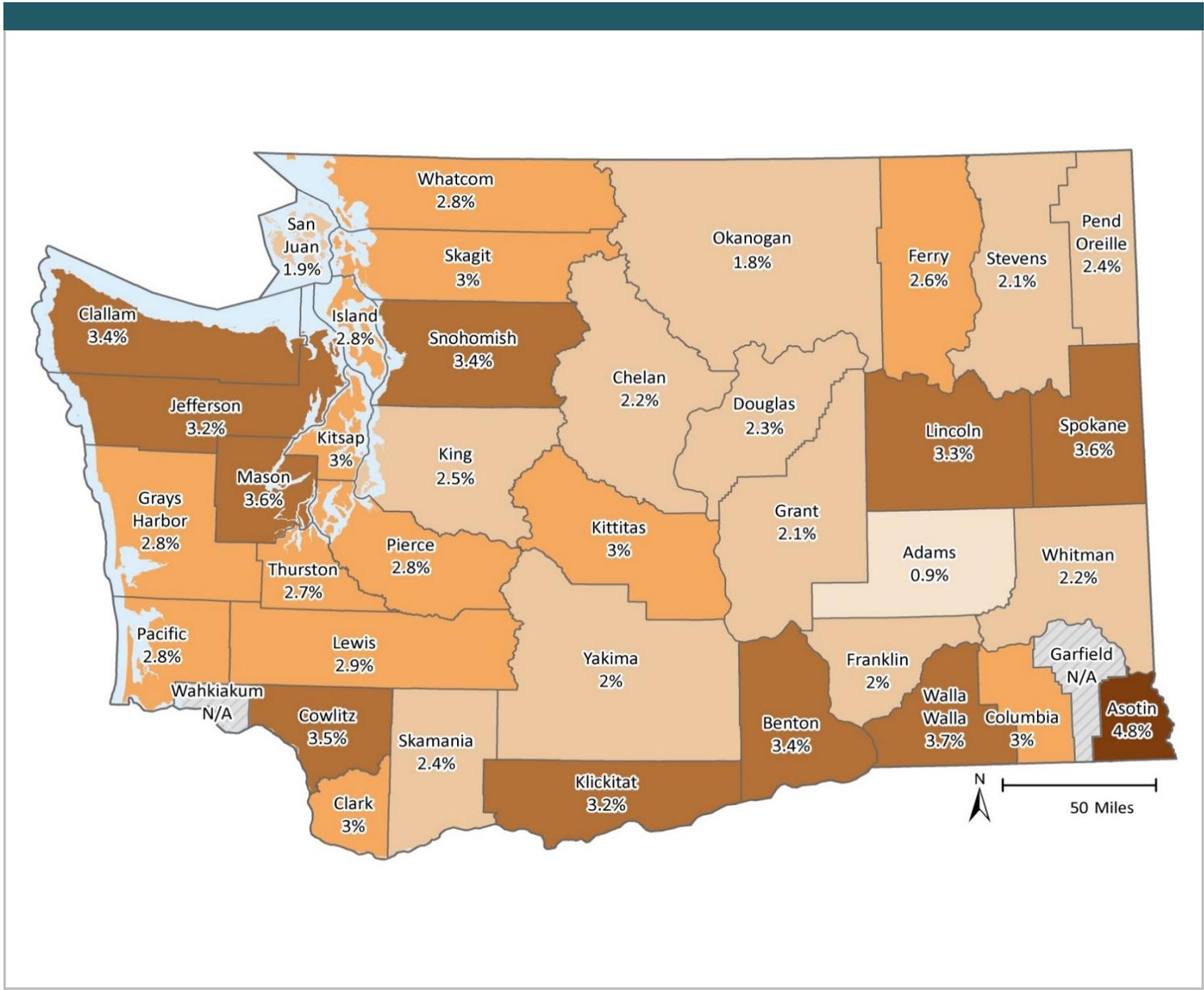
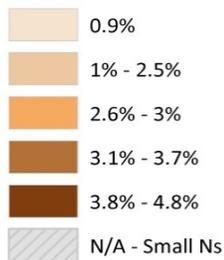
MARCH 2017

SFY 2016

INDICATOR

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

Percent of Medicaid-Expansion Adults with Psychotropic Polypharmacy



SOURCE & POPULATION

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

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

Psychotropic Polypharmacy

INDICATOR

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

COUNTY:

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

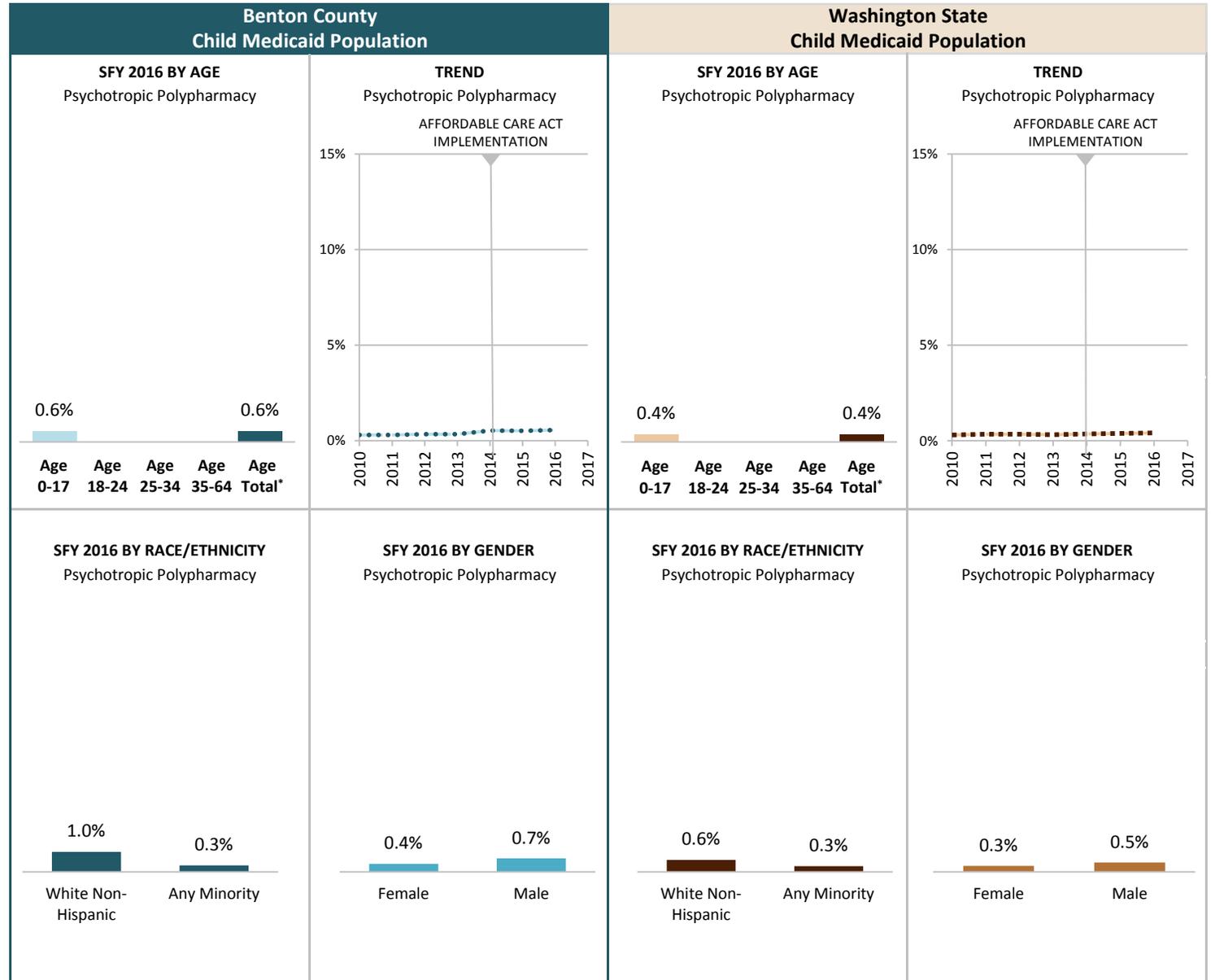
STATE:

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

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Psychotropic Polypharmacy

	Benton County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/psy. polypharm.	0.3%	0.3%	0.3%	0.3%	0.5%	0.5%	0.6%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	58	58	69	74	122	126	145		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Age 18-24 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 25-34 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age 35-64 w/psy. polypharm.																
Persons w/psy. polypharm.																
Total persons																
Age Total† w/psy. polypharm.	0.3%	0.3%	0.3%	0.3%	0.5%	0.5%	0.6%		0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	
Persons w/psy. polypharm.	58	58	69	74	122	126	145		1,857	2,248	2,233	2,102	2,492	2,775	3,094	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/psy. polypharm.						2.1%	2.6%		0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	
Persons w/psy. polypharm.						11	13		331	356	353	305	319	357	373	
Total persons	539	551	508	506	502	528	505		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	421	454	508	589	644	652	665		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/psy. polypharm.					1.0%				0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	
Persons w/psy. polypharm.					12				248	291	280	273	303	325	351	
Total persons	905	914	999	1,095	1,146	1,190	1,222		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	284	306	360	412	434	483	496		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/psy. polypharm.		0.1%	0.2%	0.1%	0.2%	0.2%	0.2%		0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	
Persons w/psy. polypharm.		12	17	11	22	27	29		213	273	290	289	388	431	484	
Total persons	9,144	9,517	9,880	10,356	10,921	11,437	11,964		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/psy. polypharm.	0.6%	0.5%	0.6%	0.7%	0.9%	0.9%	1.0%		0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	
Persons w/psy. polypharm.	41	36	45	53	81	85	98		1,118	1,372	1,391	1,299	1,545	1,697	1,937	
Total persons	7,268	7,354	7,631	7,984	8,674	9,181	9,435		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/psych polypharm.	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%		0%	0%	0%	0%	0%	0%	0%	
Persons w/psy. polypharm.	16	22	24	21	40	38	47		732	863	837	797	937	1,053	1,134	
Total persons	10,570	10,991	11,447	12,098	12,767	13,375	13,930		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/psy. polypharm.	0.3%	0.2%	0.2%	0.2%	0.3%	0.4%	0.4%		0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	
Persons w/psy. polypharm.	25	18	18	22	37	51	54		600	716	752	739	916	1,085	1,197	
Total persons	9,388	9,727	10,243	10,747	11,468	12,150	12,802		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/psy. polypharm.	0.3%	0.4%	0.5%	0.5%	0.7%	0.6%	0.7%		0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%	
Persons w/psy. polypharm.	33	40	51	52	85	75	91		1,257	1,532	1,481	1,363	1,576	1,690	1,897	
Total persons	9,653	9,991	10,398	11,094	11,805	12,423	13,032		314,940	331,406	338,610	342,993	359,929	372,207	388,323	

Psychotropic Polypharmacy Use Rates Among Medicaid-Children, by County

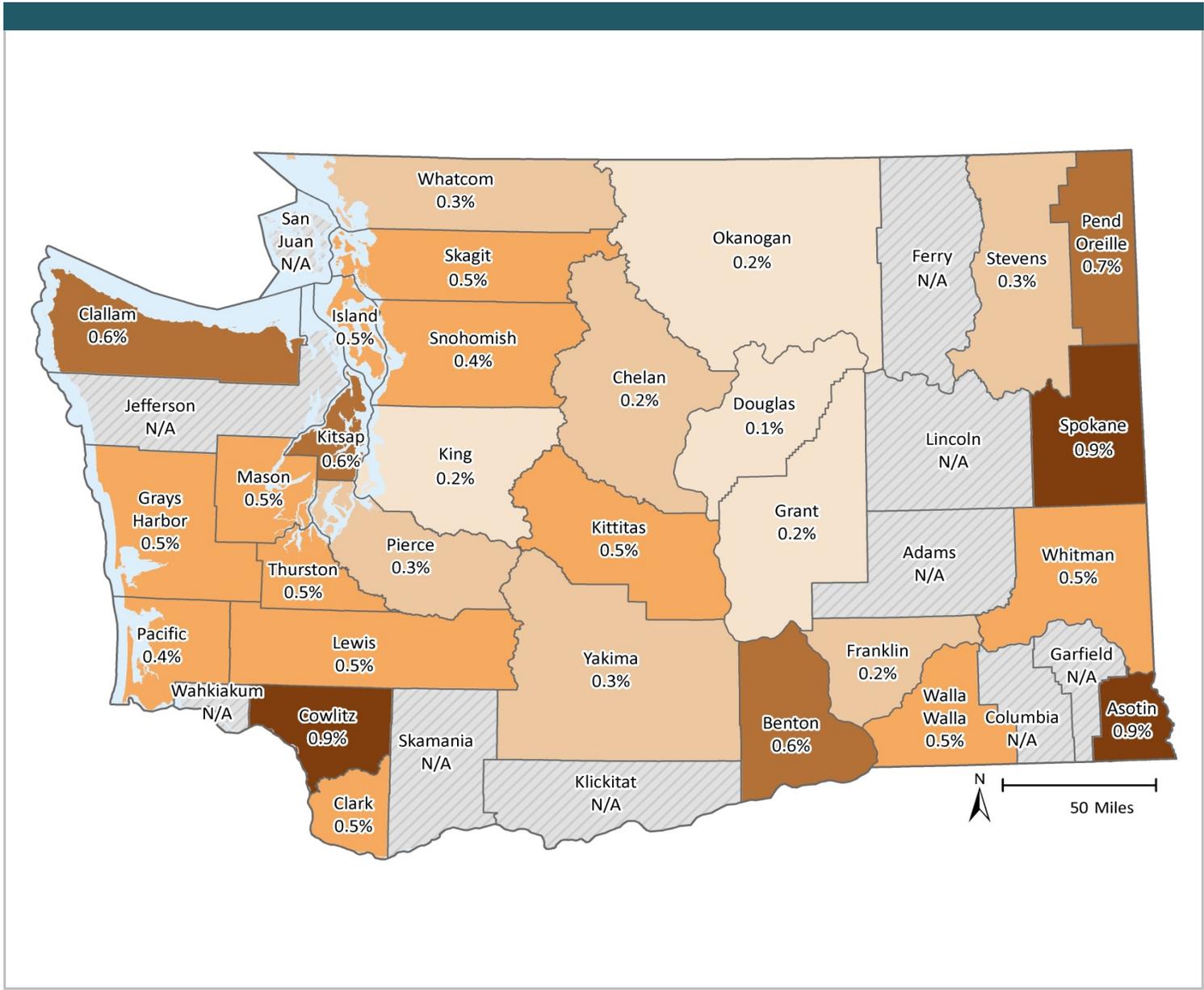
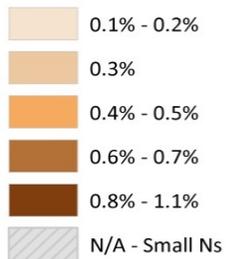
MARCH 2017

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.



Benton County

Behavioral Health Treatment Needs and Outcomes

Emergency Department Use Rate per 1000 Coverage Months

INDICATOR

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

COUNTY:

- Disabled
- Classic Adults
- Expansion Adults
- Children

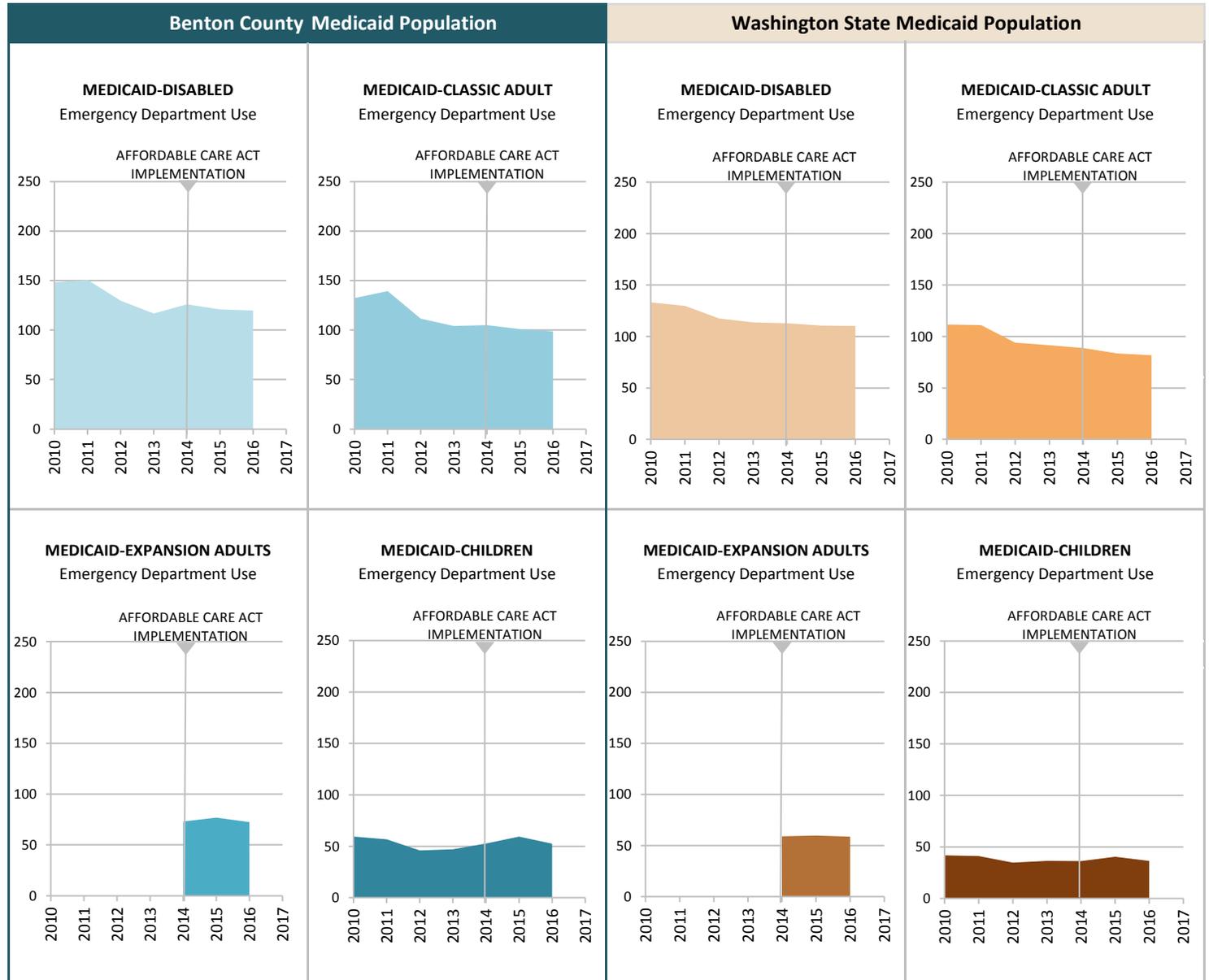
STATE:

- Disabled
- Classic Adults
- Expansion Adults
- Children

SOURCE & POPULATION

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

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



SUPPORTING TABLES | Emergency Department Use

STATE FISCAL YEAR by Medicaid Sub-Population	Benton 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	148	151	130	117	126	121	120		133	130	118	114	113	111	110	
SFY ED Use Count	4,837	4,924	4,316	4,185	4,715	3,738	3,852		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.266	3.268	3.328	3.585	3.741	3.092	3.216		130.355	134.570	138.461	144.543	144.928	115.986	114.768	
Med.-Classic Adults/ Rate per 1000	132	139	112	104	105	101	99		112	111	94	92	89	84	82	
SFY ED Use Count	5,960	6,174	4,859	4,616	5,850	6,901	6,497		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.503	4.430	4.356	4.433	5.572	6.832	6.579		149.10	158.95	157.58	155.57	180.00	212.12	202.81	
Med.-Expan. Adults/Rate per 1000					73	77	72						59	60	59	
SFY ED Use Count					3,111	10,398	11,558						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					4.257	13.526	15.950						182.153	552.945	642.446	
Med.-Children/Rate per 1000	59	57	46	47	53	59	53		42	41	35	36	36	40	36	
SFY ED Use Count	11,885	11,835	9,998	10,879	12,808	15,625	14,760		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	19.978	20.826	21.722	23.086	24.297	26.280	28.071		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	Benton 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	84	82	69	63	74	90	83		69	64	59	59	61	65	61	
SFY ED Use Count	609	620	524	494	581	728	699		12,975	12,654	11,937	12,448	12,842	13,792	13,133	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.726	0.753	0.756	0.781	0.788	0.807	0.837		18.937	19.637	20.371	21.190	21.161	21.084	21.389	
Age 18-24 /ED Use Rate per 1000	156	163	117	117	132	103	106		133	125	112	102	95	83	84	
SFY ED Use Count	607	614	402	476	564	381	428		17,422	16,659	14,744	13,722	12,427	9,194	9,104	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.388	0.377	0.345	0.409	0.427	0.369	0.404		13.065	13.380	13.201	13.450	13.029	11.013	10.789	
Age 25-34 /ED Use Rate per 1000	178	209	191	151	161	134	142		187	182	165	151	147	136	132	
SFY ED Use Count	983	1,148	1,008	817	928	638	707		33,324	33,492	31,193	30,200	29,728	21,095	20,527	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.552	0.549	0.527	0.540	0.577	0.475	0.497		17.775	18.453	18.925	19.958	20.184	15.541	15.567	
Age 35-64/ED Use Rate per 1000	165	160	140	129	136	138	137		136	135	122	120	120	123	125	
SFY ED Use Count	2,638	2,542	2,382	2,398	2,642	1,991	2,018		109,901	111,873	104,948	107,989	108,603	84,219	83,771	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.601	1.589	1.701	1.856	1.949	1.441	1.478		80.579	83.100	85.964	89.946	90.555	68.348	67.022	
Age Total† /ED Use Rate per 1000	148	151	130	117	126	121	120		133	130	118	114	113	111	110	
SFY ED Use Count	4,837	4,924	4,316	4,185	4,715	3,738	3,852		173,622	174,678	162,822	164,359	163,600	128,300	126,535	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.266	3.268	3.328	3.585	3.741	3.092	3.216		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	173	152	150	121	162	145	149		183	181	165	157	160	159	156	
SFY ED Use Count	331	280	284	239	324	255	291		24,821	25,287	23,631	23,447	23,640	18,883	18,082	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.192	0.184	0.190	0.197	0.200	0.176	0.195		13.572	13.970	14.306	14.956	14.732	11.907	11.556	
Asian /ED Use Rate per 1000	117	97	56	62	79	38	50		68	67	63	68	68	67	64	
SFY ED Use Count	91	77	44	47	62	24	35		4,452	4,514	4,192	4,730	4,820	3,857	3,640	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.078	0.080	0.079	0.076	0.079	0.063	0.069		6.545	6.727	6.704	6.987	7.045	5.749	5.669	
Black /ED Use Rate per 1000	184	162	114	106	118	116	111		147	142	132	130	128	126	123	
SFY ED Use Count	346	326	237	232	275	259	257		24,717	25,092	24,462	25,470	25,469	20,347	20,037	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.188	0.201	0.207	0.219	0.234	0.222	0.231		16.788	17.638	18.591	19.653	19.892	16.202	16.247	
Hawaiian/PI /ED Use Rate per 1000	148	113	102	89	114	129	123		111	104	95	98	105	97	96	
SFY ED Use Count	45	45	40	32	48	58	55		3,063	3,127	2,933	3,294	3,715	2,847	2,843	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.030	0.040	0.039	0.036	0.042	0.045	0.045		2.750	2.999	3.086	3.356	3.529	2.925	2.955	
Hispanic /ED Use Rate per 1000	138	132	112	91	103	104	103		126	120	106	101	103	102	101	
SFY ED Use Count	1,053	1,096	963	842	1,008	919	965		15,803	16,322	15,347	15,708	16,342	13,989	13,998	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.764	0.828	0.858	0.922	0.981	0.880	0.936		12.563	13.557	14.478	15.532	15.863	13.724	13.858	
White Only /ED Use Rate per 1000	151	160	140	131	137	131	129		131	129	116	112	110	108	108	
SFY ED Use Count	3,119	3,213	2,794	2,837	3,068	2,309	2,310		107,286	107,648	98,997	98,865	97,337	74,448	73,664	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.066	2.006	2.001	2.161	2.243	1.760	1.791		81.700	83.497	85.150	88.160	88.215	69.086	68.022	
Any Minority /ED Use Rate per 1000	145	138	115	96	111	109	109		139	134	122	118	119	117	115	
SFY ED Use Count	1,704	1,694	1,473	1,313	1,590	1,397	1,498		65,496	66,206	62,848	64,390	65,209	52,950	51,778	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.175	1.231	1.281	1.368	1.436	1.287	1.376		47.224	49.415	51.498	54.391	54.694	45.106	44.831	
Population by Gender																
Females /ED Use Rate per 1000	172	182	160	138	149	143	147		149	146	131	126	125	126	126	
SFY ED Use Count	2,933	3,054	2,683	2,460	2,708	2,178	2,330		96,882	97,499	88,974	88,362	87,304	70,840	68,935	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.702	1.678	1.681	1.779	1.823	1.522	1.585		64.918	66.673	67.889	70.030	69.575	56.077	54.925	
Males /ED Use Rate per 1000	122	118	99	96	105	99	93		117	114	105	102	101	96	96	
SFY ED Use Count	1,904	1,870	1,633	1,725	2,007	1,560	1,522		76,740	77,179	73,848	75,997	76,296	57,460	57,600	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.564	1.590	1.647	1.806	1.918	1.569	1.632		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.

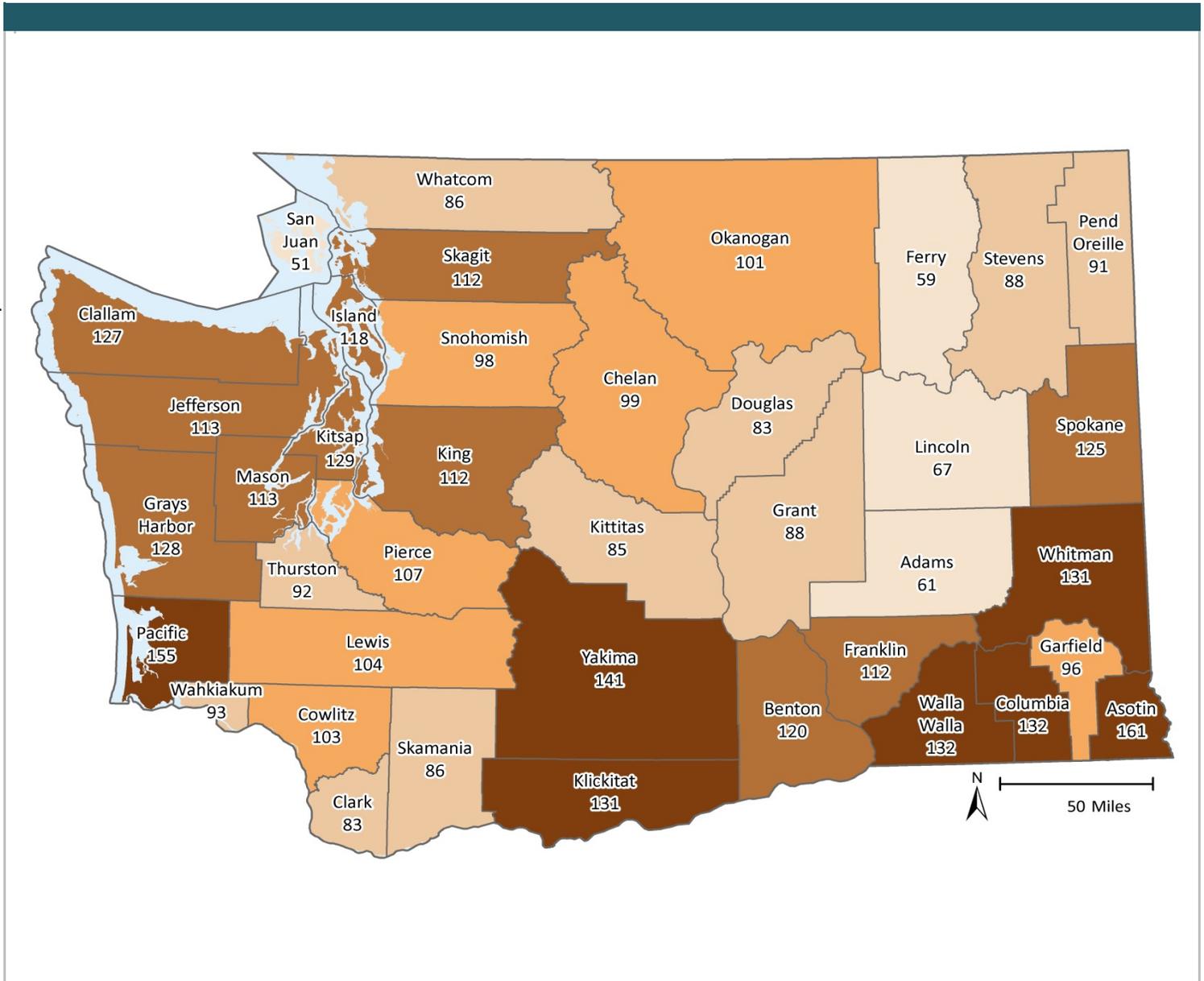
Rate of ED Use per 1000 coverage months for Medicaid-Disabled Youth and Adults



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*

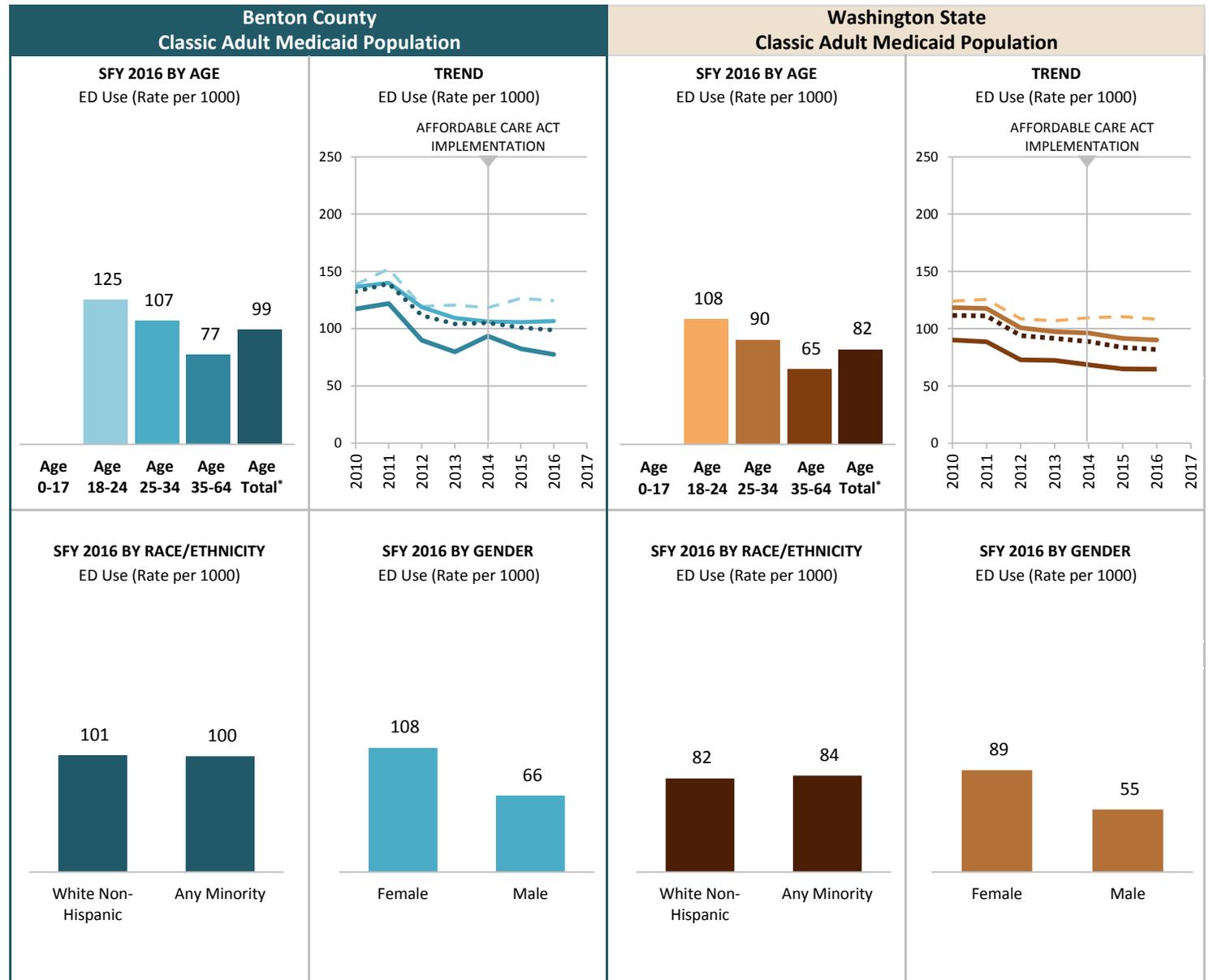
STATE:

- 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	Benton County								Washington State							
	Classic Adult Medicaid Population								Classic Adult Medicaid Population							
Population by Age	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Age 0-17 /ED Use Rate per 1000																
SFY ED Use Count																
SFY Medicaid Mo. Cnt. (10 Thsds)																
Age 18-24 /ED Use Rate per 1000	138	152	119	121	118	127	125		124	126	109	107	110	110	108	
SFY ED Use Count	2,131	2,154	1,670	1,524	1,635	1,675	1,473		53,310	54,426	44,192	40,203	39,862	37,483	31,868	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.540	1.416	1.399	1.265	1.381	1.324	1.183		43.018	43.340	40.649	37.636	36.365	33.922	29.474	
Age 25-34 /ED Use Rate per 1000	136	140	119	109	106	106	107		118	118	101	97	96	92	90	
SFY ED Use Count	2,527	2,661	2,181	2,090	2,464	3,125	3,087		73,885	79,814	68,104	65,952	74,519	82,712	78,140	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.853	1.900	1.837	1.911	2.320	2.957	2.896		62.472	67.822	67.654	67.713	77.421	90.340	86.684	
Age 35-64/ED Use Rate per 1000	117	122	90	80	94	82	77		90	89	73	72	69	65	65	
SFY ED Use Count	1,302	1,359	1,008	1,002	1,751	2,101	1,937		39,316	42,325	35,863	36,281	45,412	56,975	55,926	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.110	1.115	1.120	1.258	1.871	2.551	2.500		43.611	47.789	49.275	50.219	66.215	87.856	86.656	
Age Total† /ED Use Rate per 1000	132	139	112	104	105	101	99		112	111	94	92	89	84	82	
SFY ED Use Count	5,960	6,174	4,859	4,616	5,850	6,901	6,497		166,511	176,565	148,159	142,436	159,793	177,170	165,934	
SFY Medicaid Mo. Cnt. (10 Thsds)	4.503	4.430	4.356	4.433	5.572	6.832	6.579		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	183	229	174	150	139	152	145		165	165	136	127	125	124	122	
SFY ED Use Count	395	457	309	269	304	390	378		22,079	22,734	18,331	16,777	17,671	18,813	17,927	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.216	0.200	0.178	0.180	0.218	0.256	0.261		13.414	13.767	13.515	13.187	14.121	15.222	14.640	
Asian /ED Use Rate per 1000	69	73	79	87	58	56	81		66	62	54	56	53	47	49	
SFY ED Use Count	61	71	75	103	87	108	144		4,515	4,756	4,415	4,588	5,585	6,362	6,227	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.088	0.097	0.095	0.119	0.150	0.191	0.178		6.860	7.714	8.167	8.189	10.483	13.478	12.825	
Black /ED Use Rate per 1000	153	136	109	113	130	128	120		116	117	104	103	102	101	97	
SFY ED Use Count	294	306	267	283	392	422	356		19,934	21,923	19,655	19,490	21,685	23,260	21,134	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.192	0.225	0.244	0.250	0.301	0.329	0.297		17.191	18.684	18.867	18.937	21.172	23.026	21.765	
Hawaiian/Pi /ED Use Rate per 1000	106	132	86	55	59	77	92		83	82	74	73	74	70	72	
SFY ED Use Count	49	67	52	39	52	109	122		4,137	4,590	4,404	4,550	5,689	6,726	6,559	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.046	0.051	0.060	0.071	0.087	0.141	0.133		4.988	5.567	5.955	6.259	7.657	9.596	9.168	
Hispanic /ED Use Rate per 1000	116	104	98	95	94	97	98		104	102	88	88	87	82	81	
SFY ED Use Count	1,576	1,422	1,353	1,342	1,791	2,299	2,206		22,967	24,388	21,702	21,643	26,514	31,656	29,555	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.364	1.371	1.374	1.416	1.906	2.370	2.259		22.024	24.021	24.692	24.641	30.556	38.680	36.393	
White Only /ED Use Rate per 1000	144	161	120	111	112	105	101		114	114	95	92	89	84	82	
SFY ED Use Count	3,747	4,005	2,920	2,675	3,334	3,775	3,504		99,871	105,336	86,413	82,027	90,588	98,566	92,103	
SFY Medicaid Mo. Cnt. (10 Thsds)	2.609	2.491	2.438	2.418	2.969	3.609	3.485		87.403	92.363	90.486	88.935	101.355	117.547	112.552	
Any Minority /ED Use Rate per 1000	121	117	105	99	99	99	100		112	111	95	93	90	85	84	
SFY ED Use Count	2,152	2,116	1,883	1,869	2,439	3,023	2,897		64,720	69,112	59,962	58,657	67,429	76,264	71,284	
SFY Medicaid Mo. Cnt. (10 Thsds)	1.778	1.813	1.797	1.882	2.474	3.059	2.904		57.623	62.111	63.150	62.938	74.584	89.324	84.561	
Population by Gender																
Females /ED Use Rate per 1000	143	147	123	114	114	111	108		119	120	102	99	97	91	89	
SFY ED Use Count	5,119	5,180	4,230	4,018	4,954	5,895	5,549		139,817	148,695	125,599	120,942	136,007	151,563	142,581	
SFY Medicaid Mo. Cnt. (10 Thsds)	3.587	3.524	3.448	3.513	4.336	5.319	5.150		117.537	124.062	122.833	121.806	140.360	166.156	160.103	
Males /ED Use Rate per 1000	92	110	69	65	72	66	66		85	80	65	64	60	56	55	
SFY ED Use Count	841	994	629	598	896	1,006	948		26,694	27,870	22,560	21,494	23,786	25,607	23,353	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.916	0.906	0.908	0.920	1.236	1.513	1.428		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.

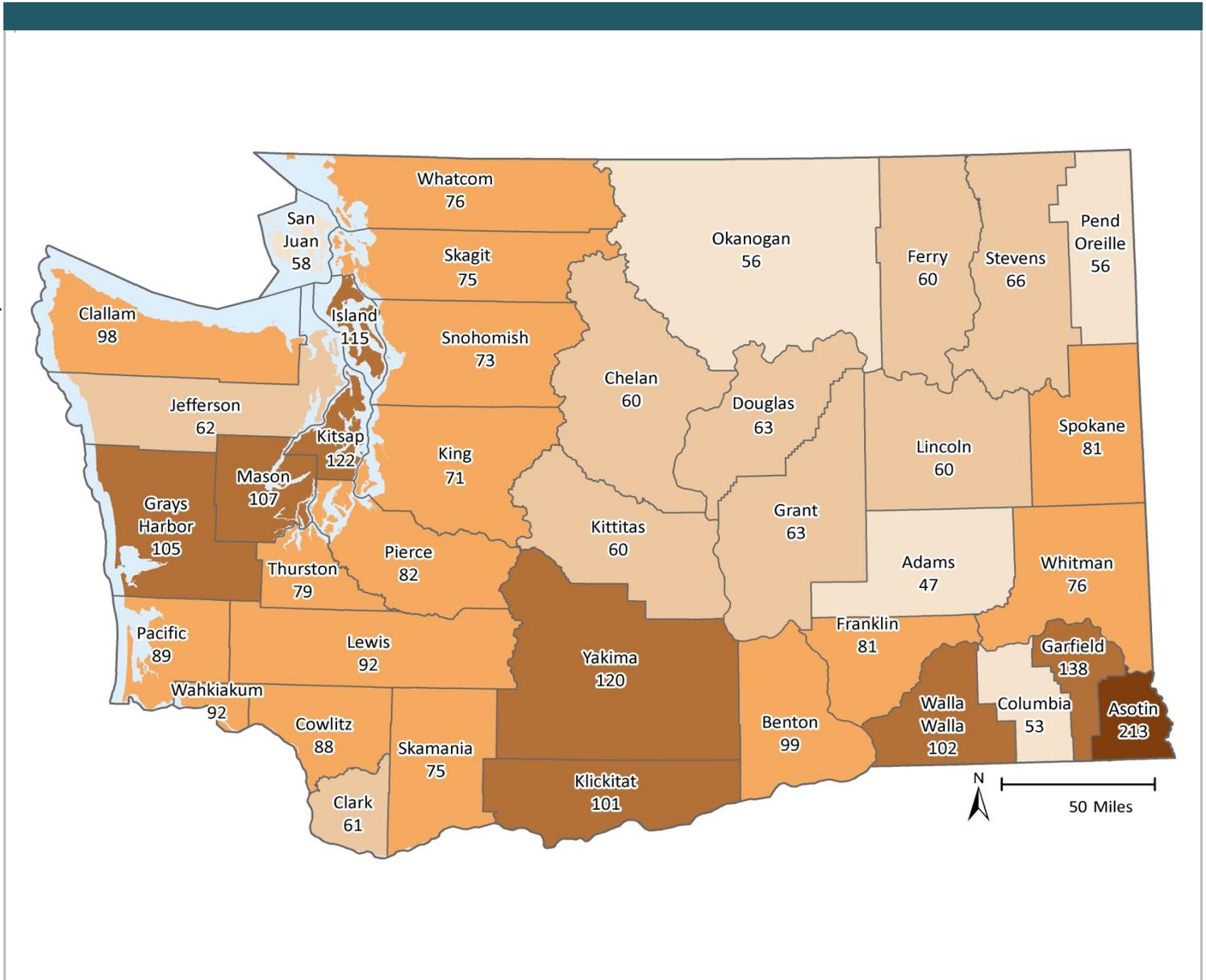
Rate of ED Use per 1000 coverage months for Medicaid-Classic Adults



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*

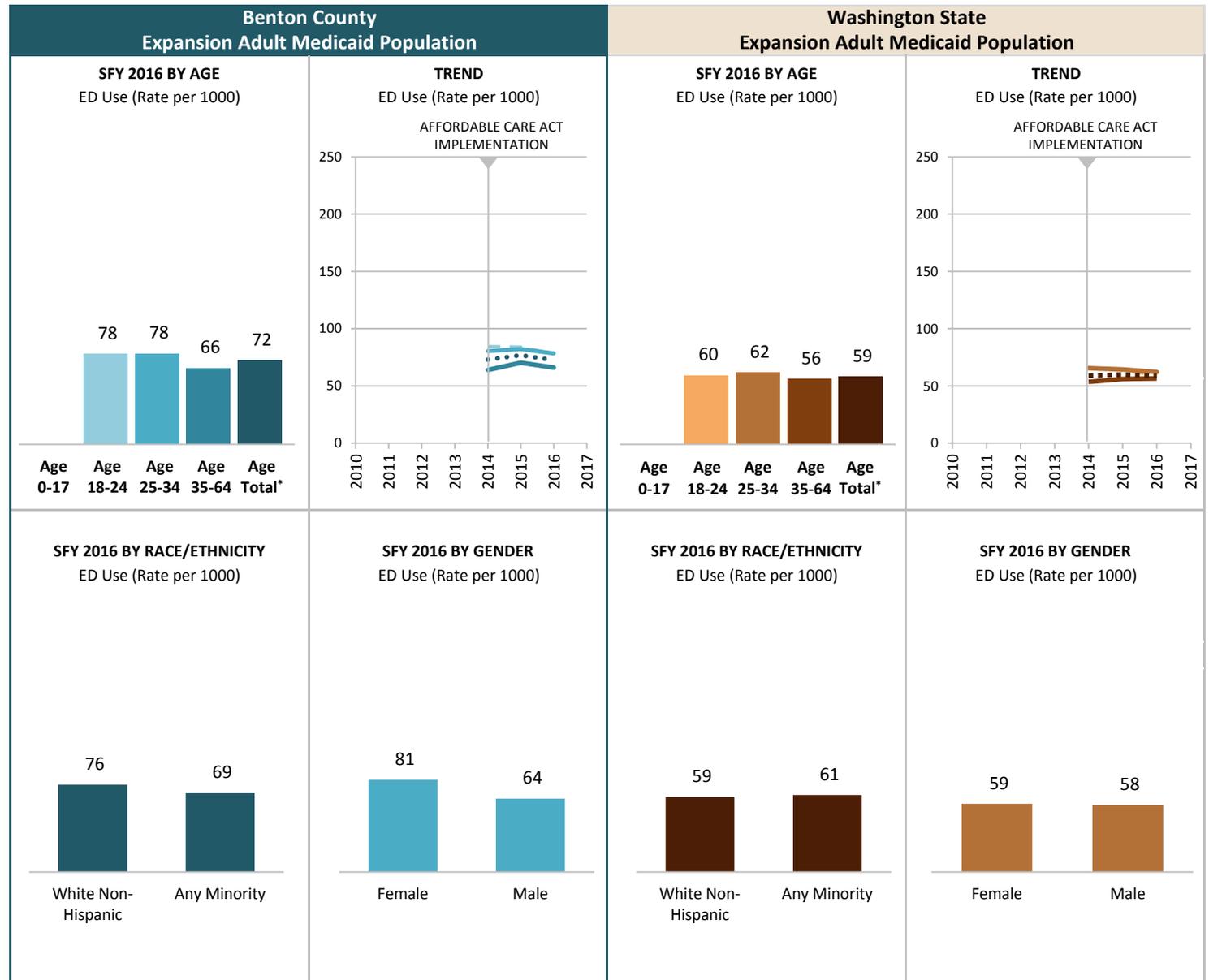
STATE:

- 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	Benton 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					84	84	78						66	64	60	
SFY ED Use Count					754	2,398	2,710						20,550	61,366	69,749	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.893	2.856	3.473						31.266	96.569	117.129	
Age 25-34 /ED Use Rate per 1000					81	82	78						66	64	62	
SFY ED Use Count					994	3,399	3,877						33,192	103,327	118,967	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.235	4.128	4.952						50.565	160.272	191.668	
Age 35-64/ED Use Rate per 1000					64	70	66						54	56	56	
SFY ED Use Count					1,363	4,601	4,971						53,779	165,906	188,193	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.130	6.542	7.525						100.322	296.104	333.649	
Age Total† /ED Use Rate per 1000					73	77	72						59	60	59	
SFY ED Use Count					3,111	10,398	11,558						107,521	330,599	376,909	
SFY Medicaid Mo. Cnt. (10 Thsds)					4.257	13.526	15.950						182.153	552.945	642.446	
Population by Race-Ethnicity																
Amer Indian/ED Use Rate per 1000					100	113	113						120	111	105	
SFY ED Use Count					120	488	596						10,352	32,134	37,051	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.120	0.431	0.527						8.651	29.005	35.387	
Asian /ED Use Rate per 1000					20	32	39						24	26	27	
SFY ED Use Count					30	142	204						4,054	11,623	13,321	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.150	0.439	0.522						16.913	45.279	49.274	
Black /ED Use Rate per 1000					86	100	92						84	82	80	
SFY ED Use Count					135	539	578						11,976	38,067	43,822	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.157	0.537	0.628						14.280	46.235	54.737	
Hawaiian/PI /ED Use Rate per 1000					32	48	67						50	50	50	
SFY ED Use Count					22	98	152						2,798	9,035	10,768	
SFY Medicaid Mo. Cnt. (10 Thsds)					0.069	0.205	0.228						5.554	18.244	21.642	
Hispanic /ED Use Rate per 1000					64	68	66						53	56	57	
SFY ED Use Count					842	2,797	3,174						14,018	44,778	52,730	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.318	4.099	4.787						26.607	79.715	92.796	
White Only /ED Use Rate per 1000					81	83	76						61	61	59	
SFY ED Use Count					1,980	6,549	7,079						66,991	203,276	229,016	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.448	7.872	9.282						109.696	333.649	387.527	
Any Minority /ED Use Rate per 1000					64	70	69						59	61	61	
SFY ED Use Count					1,093	3,723	4,313						38,837	121,375	140,334	
SFY Medicaid Mo. Cnt. (10 Thsds)					1.710	5.337	6.256						66.078	199.095	230.384	
Population by Gender																
Females /ED Use Rate per 1000					75	83	81						56	59	59	
SFY ED Use Count					1,605	5,631	6,452						51,163	162,681	187,907	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.146	6.784	7.996						90.984	274.642	317.371	
Males /ED Use Rate per 1000					71	71	64						62	60	58	
SFY ED Use Count					1,506	4,767	5,106						56,358	167,918	189,002	
SFY Medicaid Mo. Cnt. (10 Thsds)					2.111	6.742	7.954						91.168	278.302	325.075	

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

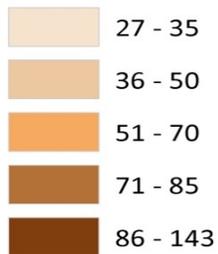
MARCH 2017

SFY 2016

INDICATOR

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

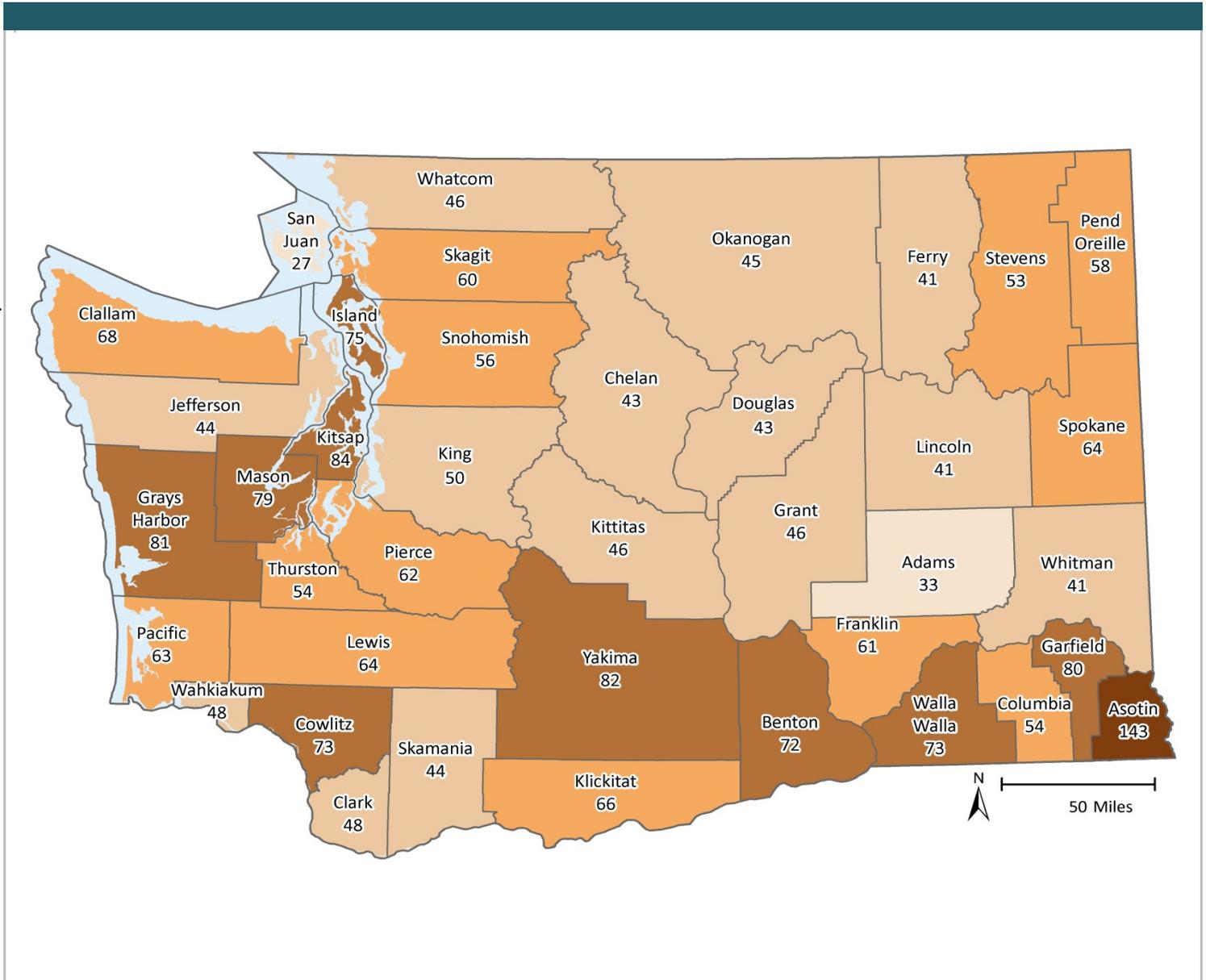
Rate of ED Use per 1000 coverage months for Medicaid-Expansion Adults



SOURCE & POPULATION

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

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



Emergency Department Use

Rate per 1000 Coverage Months

INDICATOR

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

COUNTY:

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

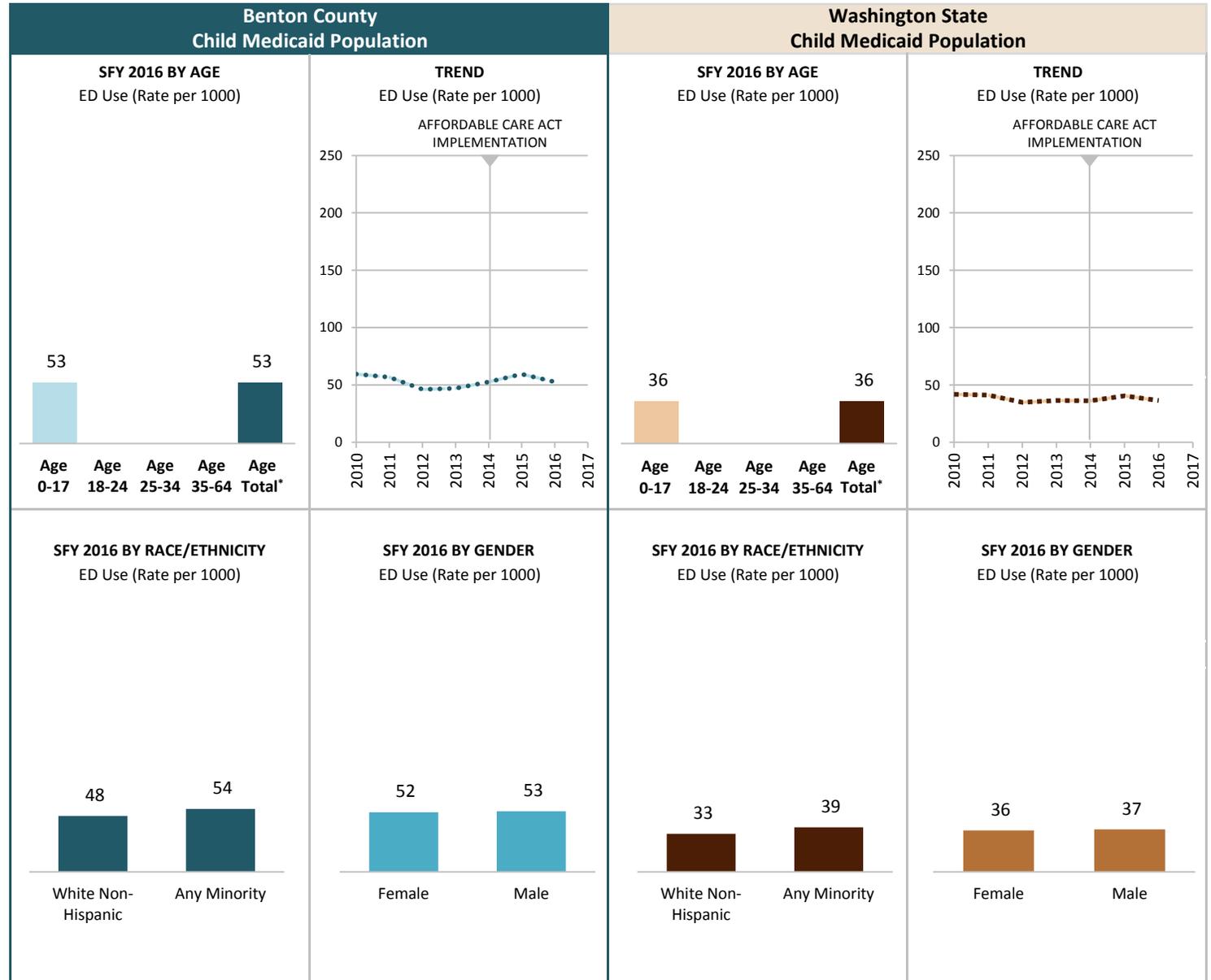
STATE:

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

SOURCE & POPULATION

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

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



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

	Benton County Child Medicaid Population								Washington State Child Medicaid Population							
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 /ED Use Rate per 1000	59	57	46	47	53	59	53		42	41	35	36	36	40	36	
SFY ED Use Count	11,885	11,835	9,998	10,879	12,808	15,625	14,760		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	19.978	20.826	21.722	23.086	24.297	26.280	28.071		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	59	57	46	47	53	59	53		42	41	35	36	36	40	36	
SFY ED Use Count	11,885	11,835	9,998	10,879	12,808	15,625	14,760		272,394	283,747	245,803	260,367	265,737	315,579	301,670	
SFY Medicaid Mo. Cnt. (10 Thsds)	19.978	20.826	21.722	23.086	24.297	26.280	28.071		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	72	66	54	58	62	65	67		55	53	47	48	47	51	45	
SFY ED Use Count	424	398	303	322	340	368	375		23,882	23,553	20,808	21,058	20,321	22,252	20,488	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.590	0.600	0.560	0.551	0.547	0.567	0.561		43.359	44.329	44.432	44.298	43.361	44.035	45.324	
Asian /ED Use Rate per 1000	44	41	34	29	30	30	30		24	24	22	23	23	26	23	
SFY ED Use Count	193	196	182	180	202	205	220		9,141	9,758	9,216	10,078	10,676	12,502	11,351	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.437	0.473	0.538	0.612	0.668	0.684	0.723		37.644	40.438	42.103	43.046	45.593	48.798	50.102	
Black /ED Use Rate per 1000	63	61	56	56	56	68	62		44	45	41	42	42	48	42	
SFY ED Use Count	627	598	604	662	691	872	828		30,340	32,237	29,994	31,888	32,276	37,684	34,629	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.995	0.982	1.081	1.193	1.237	1.283	1.336		68.256	71.559	73.599	75.120	76.416	79.215	82.682	
Hawaiian/PI /ED Use Rate per 1000	50	61	47	39	49	51	43		38	39	35	37	37	40	35	
SFY ED Use Count	147	194	179	173	233	256	228		9,394	10,613	10,095	11,170	11,597	13,556	12,804	
SFY Medicaid Mo. Cnt. (10 Thsds)	0.294	0.319	0.380	0.440	0.472	0.503	0.534		24.736	27.264	29.251	30.458	31.623	34.004	36.909	
Hispanic /ED Use Rate per 1000	65	61	47	50	55	62	55		50	48	37	40	40	46	41	
SFY ED Use Count	6,344	6,267	4,996	5,579	6,481	7,804	7,287		101,976	103,169	83,227	89,981	91,993	110,792	103,864	
SFY Medicaid Mo. Cnt. (10 Thsds)	9.770	10.259	10.667	11.246	11.728	12.548	13.302		204.069	215.795	222.440	226.878	231.589	243.291	255.104	
White Only /ED Use Rate per 1000	53	52	44	43	50	56	48		37	37	33	34	33	36	33	
SFY ED Use Count	4,000	4,002	3,464	3,599	4,434	5,373	4,939		100,941	106,304	94,823	97,153	99,593	115,320	110,411	
SFY Medicaid Mo. Cnt. (10 Thsds)	7.591	7.731	7.933	8.303	8.802	9.657	10.184		273.089	286.326	290.593	289.951	297.587	316.154	331.518	
Any Minority /ED Use Rate per 1000	64	61	47	49	54	61	54		46	45	37	39	39	44	39	
SFY ED Use Count	7,272	7,167	5,831	6,469	7,393	8,910	8,387		156,665	160,107	135,882	146,020	148,434	176,403	164,441	
SFY Medicaid Mo. Cnt. (10 Thsds)	11.300	11.818	12.343	13.103	13.696	14.594	15.428		339.312	358.217	368.889	375.759	384.207	403.690	422.961	
Population by Gender																
Females /ED Use Rate per 1000	57	56	45	46	52	59	52		41	40	34	36	36	40	36	
SFY ED Use Count	5,665	5,772	4,893	5,246	6,231	7,666	7,242		131,808	137,701	118,857	126,022	128,856	153,642	146,708	
SFY Medicaid Mo. Cnt. (10 Thsds)	9.861	10.286	10.759	11.406	12.018	13.010	13.887		321.978	340.726	348.813	352.004	361.357	384.346	408.192	
Males /ED Use Rate per 1000	61	58	47	48	54	60	53		43	42	35	37	37	41	37	
SFY ED Use Count	6,220	6,063	5,105	5,633	6,577	7,959	7,518		140,586	146,046	126,946	134,345	136,881	161,937	154,962	
SFY Medicaid Mo. Cnt. (10 Thsds)	10.118	10.541	10.963	11.681	12.279	13.271	14.184		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.

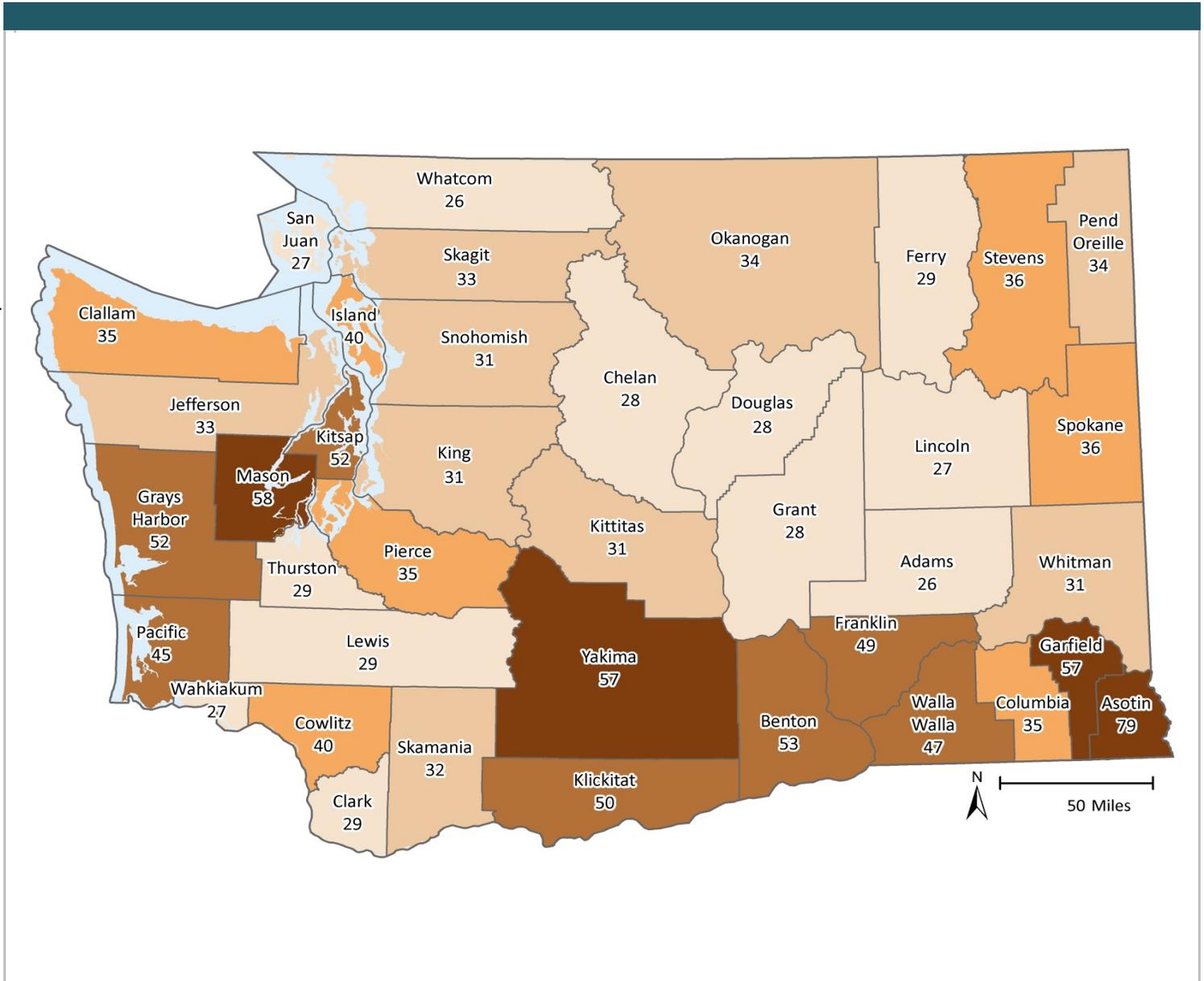
Rate of ED Use per 1000 coverage months for Medicaid-Children



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

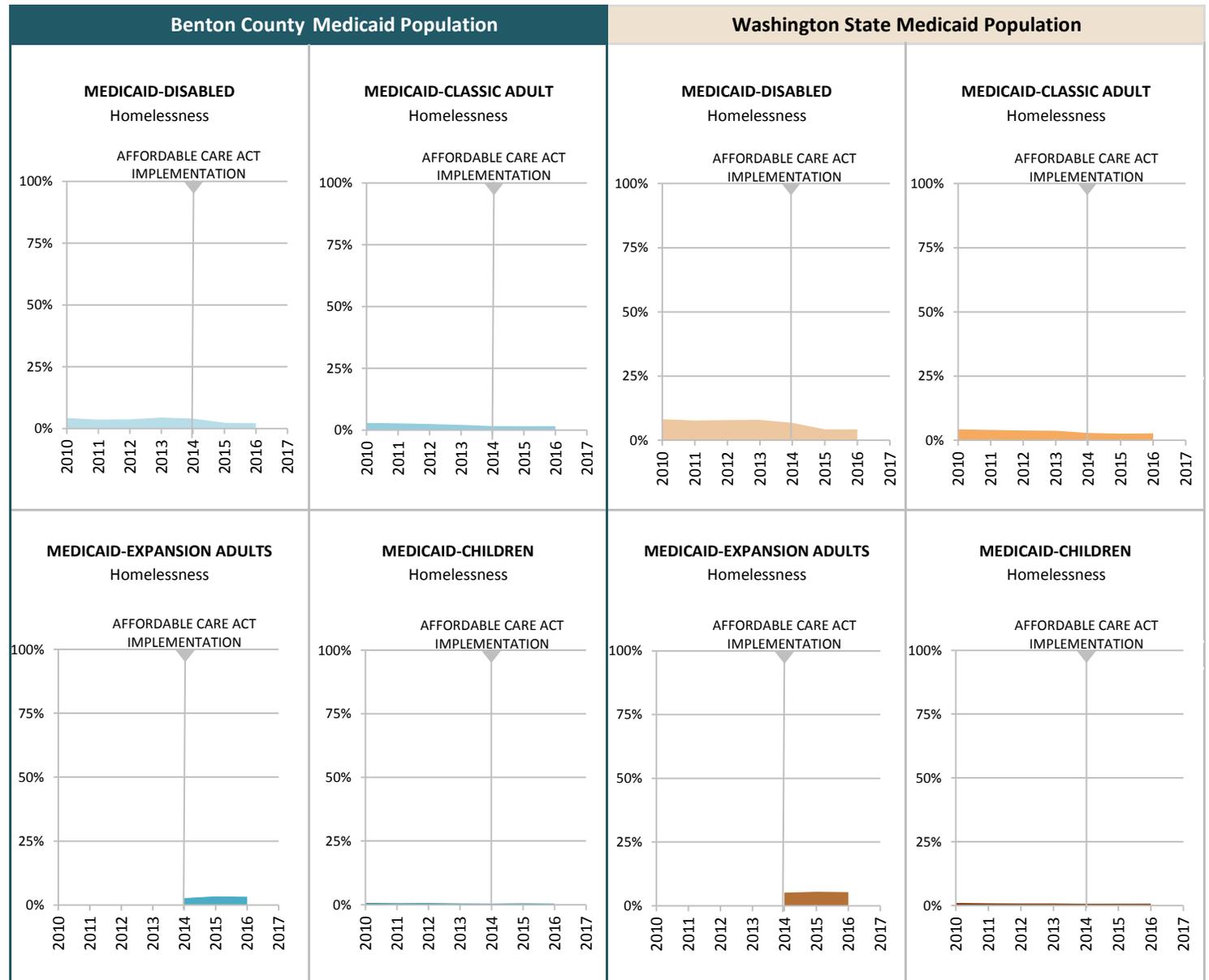
STATE:

- 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	Benton 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	4.2%	3.6%	3.7%	4.4%	4.0%	2.3%	2.1%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	131	111	118	152	136	63	60		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Medicaid-Classic Adults	2.9%	2.7%	2.4%	2.1%	1.6%	1.5%	1.6%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	162	150	133	116	103	104	102		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Medicaid-Expansion Adults					2.7%	3.4%	3.2%						5.2%	5.5%	5.3%	
Persons w/Homelessness					226	491	530						18,570	32,850	35,815	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Medicaid-Children	0.7%	0.6%	0.6%	0.5%	0.4%	0.5%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	129	110	124	102	95	125	108		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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*

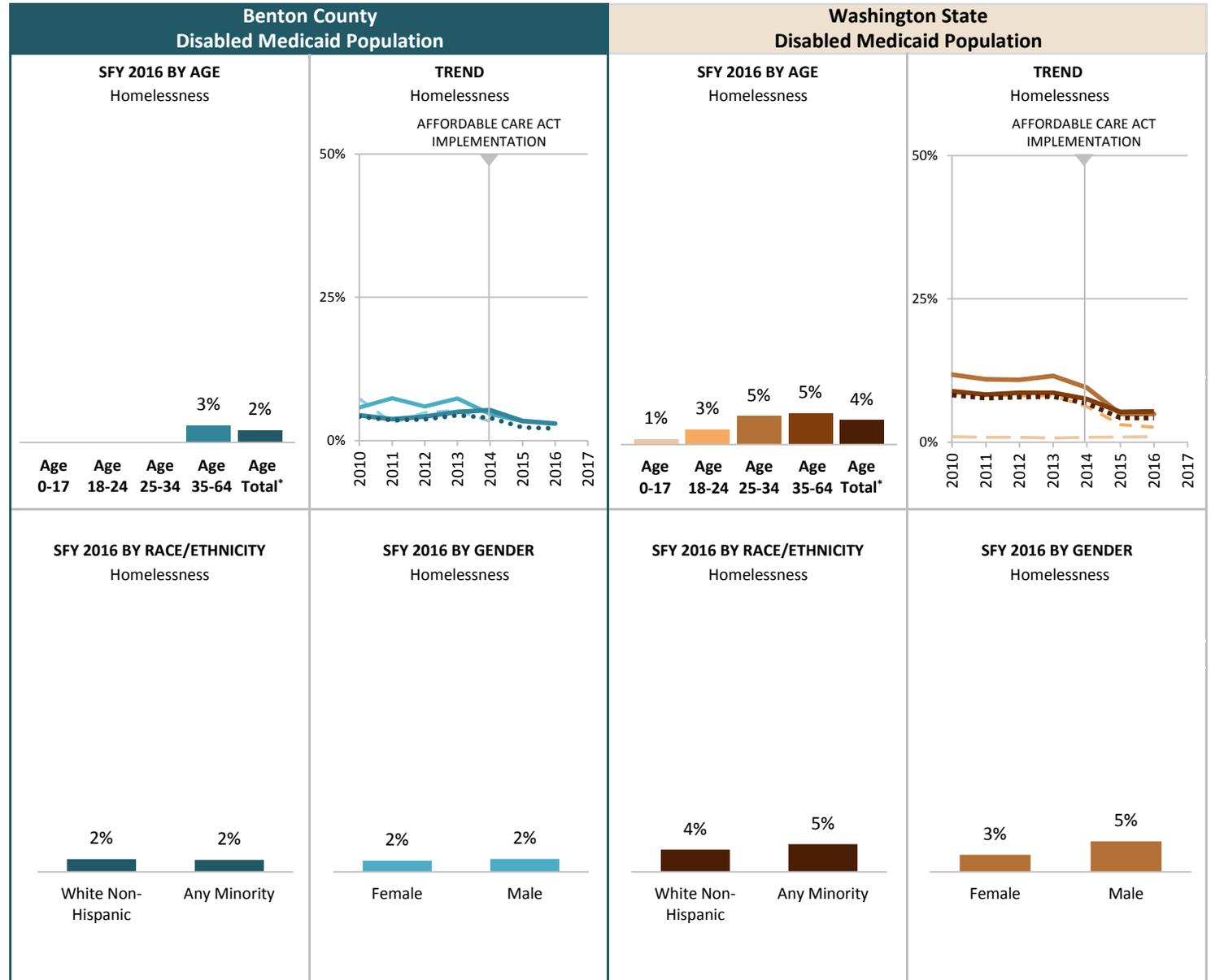
STATE:

- 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	Benton 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	629	656	667	687	683	716	738		16,781	17,300	17,984	18,543	18,499	18,398	18,838	
Age 18-24 w/Homelessness	7.3%	3.1%	4.9%	5.3%	3.4%				8.6%	8.2%	8.1%	8.1%	6.2%	3.1%	2.6%	
Persons w/Homelessness	27	11	16	20	13				1,070	1,031	1,018	1,031	742	299	252	
Total persons	369	352	328	379	387	320	354		12,428	12,515	12,560	12,748	11,876	9,790	9,630	
Age 25-34 w/Homelessness	5.8%	7.4%	6.0%	7.4%	4.7%	3.4%			11.8%	11.0%	10.9%	11.5%	9.5%	4.9%	4.9%	
Persons w/Homelessness	30	38	30	38	24	14			1,998	1,918	2,000	2,237	1,757	670	670	
Total persons	520	512	504	515	516	412	434		16,942	17,492	18,352	19,368	18,422	13,637	13,622	
Age 35-64 w/Homelessness	4.4%	3.8%	4.2%	5.0%	5.3%	3.4%	3.0%		8.9%	8.3%	8.6%	8.6%	7.6%	5.3%	5.4%	
Persons w/Homelessness	70	59	71	93	97	44	39		7,021	6,766	7,382	7,732	6,336	3,210	3,180	
Total persons	1,584	1,572	1,696	1,857	1,815	1,279	1,315		78,732	81,208	85,414	89,764	83,896	60,692	59,172	
Age Total¹ w/Homelessness	4.2%	3.6%	3.7%	4.4%	4.0%	2.3%	2.1%		8.2%	7.7%	7.9%	7.9%	6.8%	4.2%	4.2%	
Persons w/Homelessness	131	111	118	152	136	63	60		10,251	9,865	10,553	11,135	8,995	4,344	4,278	
Total persons	3,102	3,092	3,195	3,438	3,401	2,727	2,841		124,883	128,515	134,310	140,423	132,693	102,517	101,262	
Population by Race-Ethnicity																
Amer Indian w/Homelessness				6.6%					11.8%	10.9%	10.8%	10.5%	8.6%	5.9%	6.1%	
Persons w/Homelessness				12					1,498	1,411	1,449	1,474	1,139	614	620	
Total persons	178	170	171	182	184	151	173		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	78	75	75	72	69	54	62		6,163	6,321	6,430	6,757	6,406	5,052	4,987	
Black w/Homelessness	9.0%	7.4%	7.1%	7.1%					16.2%	15.1%	14.6%	14.3%	12.1%	7.5%	7.2%	
Persons w/Homelessness	16	14	14	15					2,554	2,495	2,574	2,653	2,189	1,073	1,032	
Total persons	178	188	198	211	217	198	206		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	32	37	41	37	40	40	41		2,678	2,909	3,037	3,282	3,243	2,606	2,606	
Hispanic w/Homelessness	2.1%	2.1%	2.7%	1.9%	2.4%	1.4%	2.1%		6.0%	5.7%	5.8%	5.7%	4.6%	3.0%	2.9%	
Persons w/Homelessness	15	16	22	16	21	11	17		714	731	806	851	663	359	351	
Total persons	710	779	813	860	871	770	821		11,952	12,861	13,932	14,847	14,405	12,112	12,221	
White Only w/Homelessness	4.8%	3.9%	3.7%	5.3%	4.8%	2.8%	2.2%		7.0%	6.7%	6.9%	7.1%	6.1%	3.8%	3.9%	
Persons w/Homelessness	94	75	72	112	99	43	35		5,533	5,323	5,752	6,158	4,973	2,340	2,341	
Total persons	1,975	1,902	1,930	2,097	2,052	1,555	1,582		78,533	80,029	82,980	86,371	80,978	60,981	59,899	
Any Minority w/Homelessness	3.4%	3.1%	3.8%	3.1%	2.9%	1.8%	2.1%		10.4%	9.7%	9.7%	9.5%	8.0%	4.9%	4.8%	
Persons w/Homelessness	37	36	46	40	37	20	25		4,648	4,492	4,746	4,908	3,956	1,967	1,906	
Total persons	1,100	1,151	1,210	1,280	1,291	1,127	1,212		44,553	46,500	49,152	51,746	49,612	39,746	39,447	
Population by Gender																
Females w/Homelessness	2.9%	2.5%	2.4%	3.3%	2.9%	2.2%	1.9%		5.2%	4.9%	5.1%	5.2%	4.4%	3.0%	3.0%	
Persons w/Homelessness	47	39	39	55	48	29	27		3,220	3,083	3,313	3,523	2,786	1,503	1,447	
Total persons	1,606	1,575	1,594	1,687	1,659	1,338	1,387		61,618	63,257	65,436	67,598	63,423	49,480	48,350	
Males w/Homelessness	5.6%	4.7%	4.9%	5.5%	5.1%	2.4%	2.3%		11.1%	10.4%	10.5%	10.5%	9.0%	5.4%	5.4%	
Persons w/Homelessness	84	72	79	97	88	34	33		7,031	6,782	7,240	7,612	6,209	2,841	2,831	
Total persons	1,496	1,517	1,601	1,751	1,742	1,389	1,454		63,265	65,258	68,874	72,825	69,270	53,037	52,912	

Homelessness Rates

Among Medicaid-Disabled Youth and Adults, by County

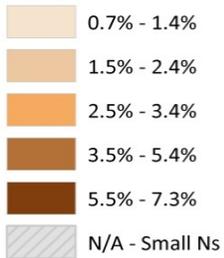
MARCH 2017

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.

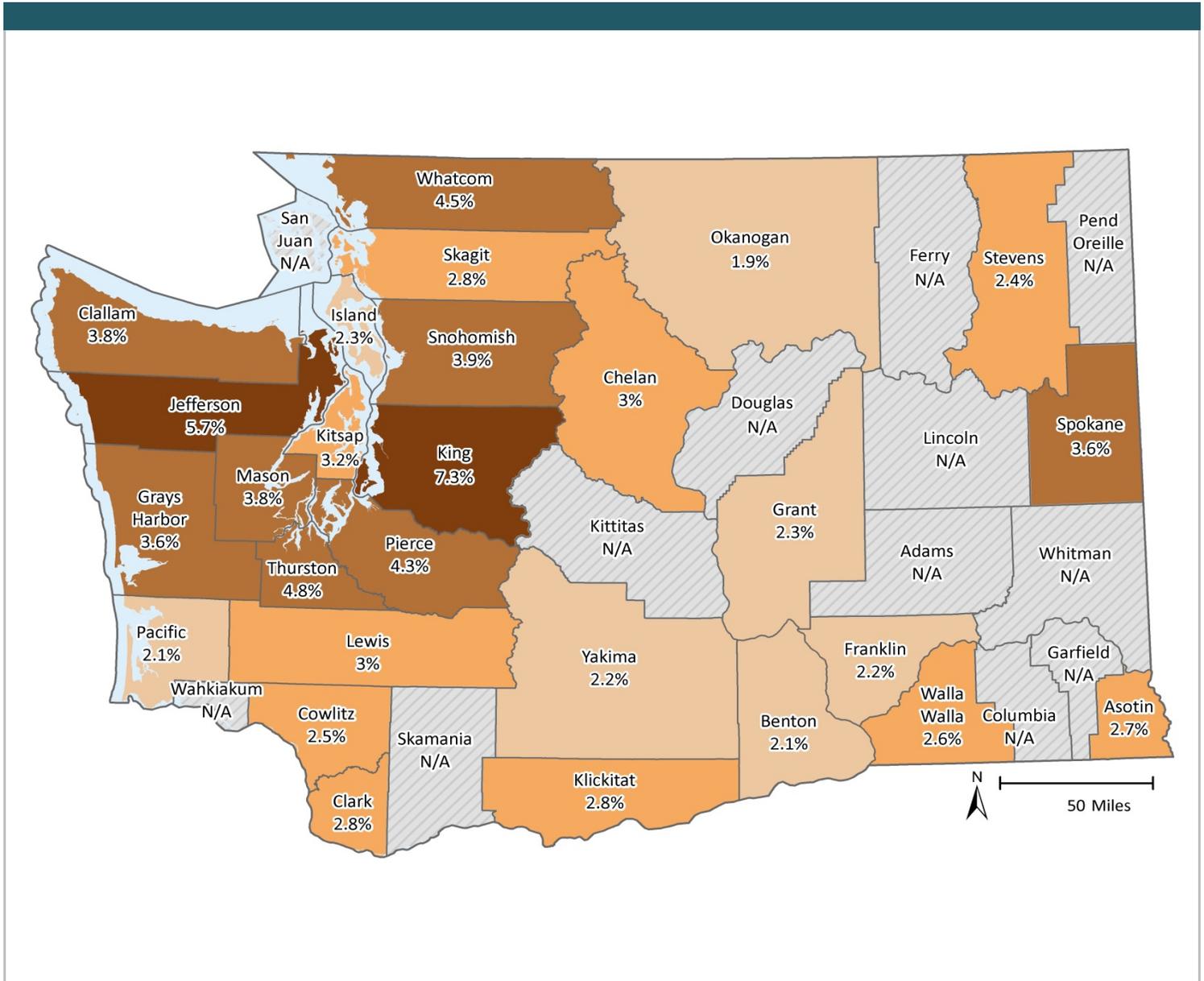
Percent of Medicaid-Disabled Youth and Adults with Homelessness



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*

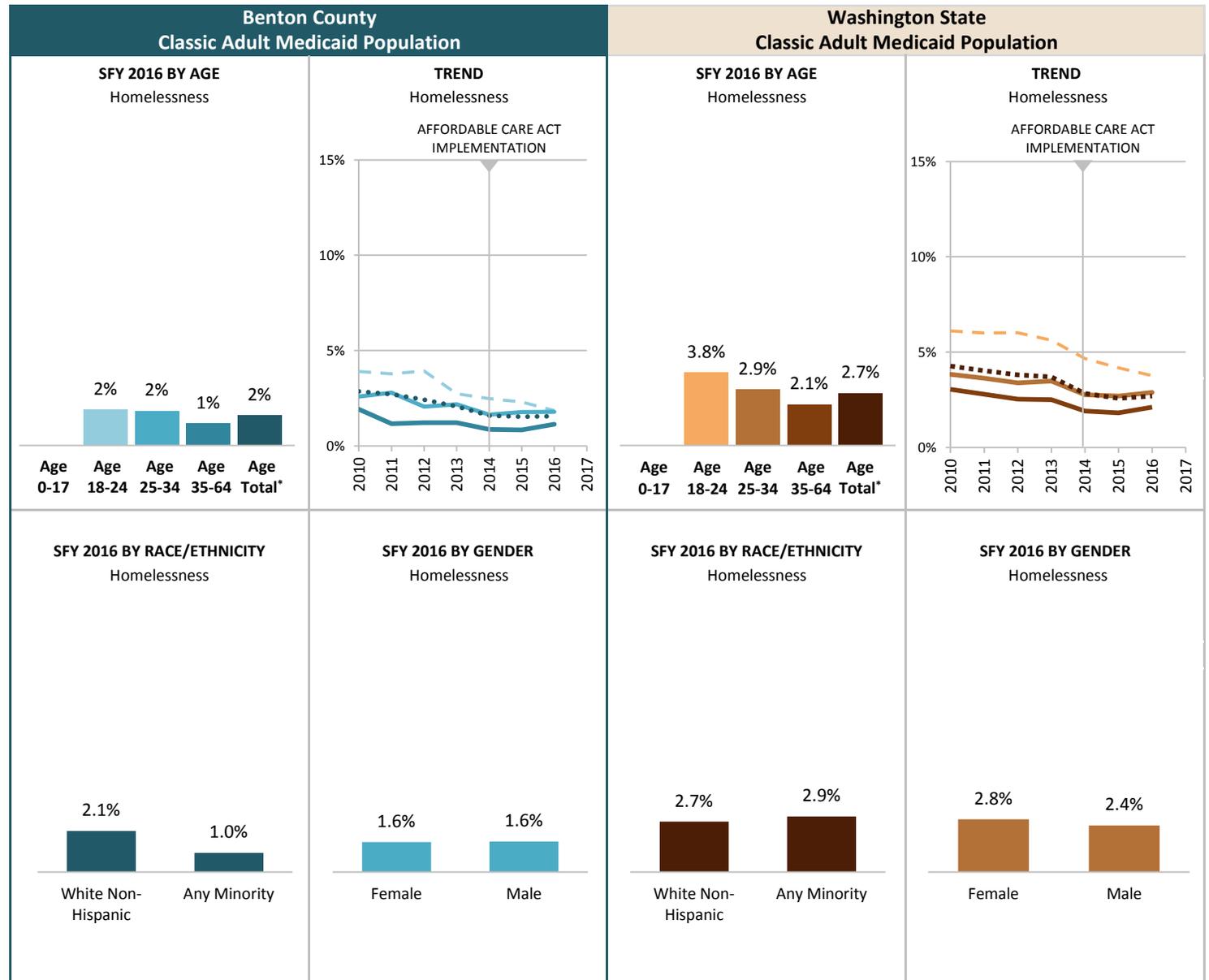
STATE:

- 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

	Benton County Classic Adult Medicaid Population							Washington State Medicaid Population Classic Adult Medicaid Population								
STATE FISCAL YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017
Population by Age																
Age 0-17 w/Homelessness																
Persons w/Homelessness																
Total persons																
Age 18-24 w/Homelessness	3.9%	3.8%	3.9%	2.7%	2.5%	2.3%	1.9%		6.1%	6.0%	6.0%	5.6%	4.7%	4.2%	3.8%	
Persons w/Homelessness	74	67	67	44	39	31	22		3,283	3,200	3,031	2,635	1,962	1,451	1,127	
Total persons	1,897	1,773	1,701	1,603	1,567	1,346	1,186		53,642	53,226	50,282	46,798	42,062	34,728	29,874	
Age 25-34 w/Homelessness	2.6%	2.8%	2.1%	2.2%	1.6%	1.8%	1.8%		3.8%	3.6%	3.4%	3.5%	2.8%	2.7%	2.9%	
Persons w/Homelessness	61	67	49	53	45	52	52		3,049	3,082	2,894	2,965	2,487	2,464	2,526	
Total persons	2,359	2,396	2,380	2,427	2,740	2,932	2,899		79,426	84,872	85,154	84,954	89,881	91,384	87,322	
Age 35-64 w/Homelessness	1.9%	1.2%	1.2%	1.2%	0.9%	0.8%	1.1%		3.1%	2.8%	2.5%	2.5%	1.9%	1.8%	2.1%	
Persons w/Homelessness	27	16	17	19	19	21	28		1,653	1,629	1,522	1,522	1,475	1,579	1,811	
Total persons	1,404	1,371	1,384	1,555	2,170	2,502	2,459		54,048	58,368	59,987	60,533	77,257	86,785	85,486	
Age Total¹ w/Homelessness	2.9%	2.7%	2.4%	2.1%	1.6%	1.5%	1.6%		4.3%	4.0%	3.8%	3.7%	2.8%	2.6%	2.7%	
Persons w/Homelessness	162	150	133	116	103	104	102		7,985	7,911	7,447	7,122	5,924	5,494	5,464	
Total persons	5,660	5,540	5,465	5,585	6,477	6,780	6,544		187,116	196,466	195,423	192,285	209,200	212,897	202,682	
Population by Race-Ethnicity																
Amer Indian w/Homelessness	6.5%								7.0%	6.7%	6.5%	6.1%	5.0%	5.0%	5.2%	
Persons w/Homelessness	17								1,102	1,082	1,027	950	769	742	711	
Total persons	260	237	217	216	240	256	253		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	118	122	121	153	168	193	174		8,946	9,857	10,383	10,472	12,826	13,850	13,283	
Black w/Homelessness	6.4%	6.5%							8.6%	7.5%	7.1%	6.6%	5.5%	5.3%	5.3%	
Persons w/Homelessness	15	17							1,764	1,648	1,587	1,491	1,272	1,199	1,124	
Total persons	233	263	282	300	316	320	288		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	57	63	71	87	104	147	143		6,597	7,206	7,668	8,012	9,280	10,049	9,680	
Hispanic w/Homelessness	2.6%	2.2%	2.1%	2.0%	1.3%	1.2%	0.8%		3.2%	2.9%	2.8%	2.7%	1.8%	1.8%	1.8%	
Persons w/Homelessness	44	39	37	36	28	28	19		895	876	882	836	674	683	646	
Total persons	1,723	1,737	1,737	1,814	2,232	2,334	2,266		27,981	30,192	31,042	31,071	36,696	38,578	36,904	
White Only w/Homelessness	2.8%	2.9%	2.5%	2.4%	1.9%	1.8%	2.1%		3.9%	3.8%	3.5%	3.5%	2.8%	2.5%	2.7%	
Persons w/Homelessness	90	88	75	73	64	65	73		4,235	4,269	3,934	3,874	3,209	2,927	2,952	
Total persons	3,244	3,078	3,033	3,019	3,455	3,571	3,428		109,240	113,562	111,810	109,193	116,622	117,491	111,271	
Any Minority w/Homelessness	3.1%	2.7%	2.4%	1.8%	1.4%	1.3%	1.0%		5.1%	4.7%	4.4%	4.1%	3.1%	2.8%	2.9%	
Persons w/Homelessness	69	61	54	43	39	39	29		3,653	3,553	3,441	3,195	2,679	2,531	2,482	
Total persons	2,227	2,264	2,244	2,379	2,856	3,026	2,909		71,412	76,204	77,640	77,666	87,020	89,353	84,953	
Population by Gender																
Females w/Homelessness	2.8%	2.7%	2.4%	2.2%	1.7%	1.5%	1.6%		4.1%	3.8%	3.6%	3.5%	2.8%	2.7%	2.8%	
Persons w/Homelessness	125	117	102	95	83	80	79		5,894	5,785	5,485	5,290	4,512	4,436	4,396	
Total persons	4,408	4,309	4,273	4,361	4,939	5,227	5,093		145,117	150,966	150,554	149,017	160,506	165,344	158,994	
Males w/Homelessness	3.0%	2.7%	2.6%	1.7%	1.3%	1.5%	1.6%		5.0%	4.7%	4.4%	4.2%	2.9%	2.2%	2.4%	
Persons w/Homelessness	37	33	31	21	20	24	23		2,091	2,126	1,962	1,832	1,412	1,058	1,068	
Total persons	1,252	1,231	1,192	1,224	1,538	1,553	1,451		41,999	45,500	44,869	43,268	48,694	47,553	43,688	

Homelessness Rates Among Medicaid-Classic Adults, by County

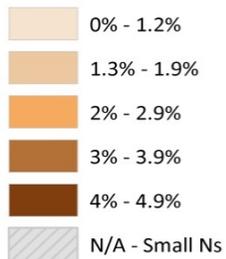
MARCH 2017

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.

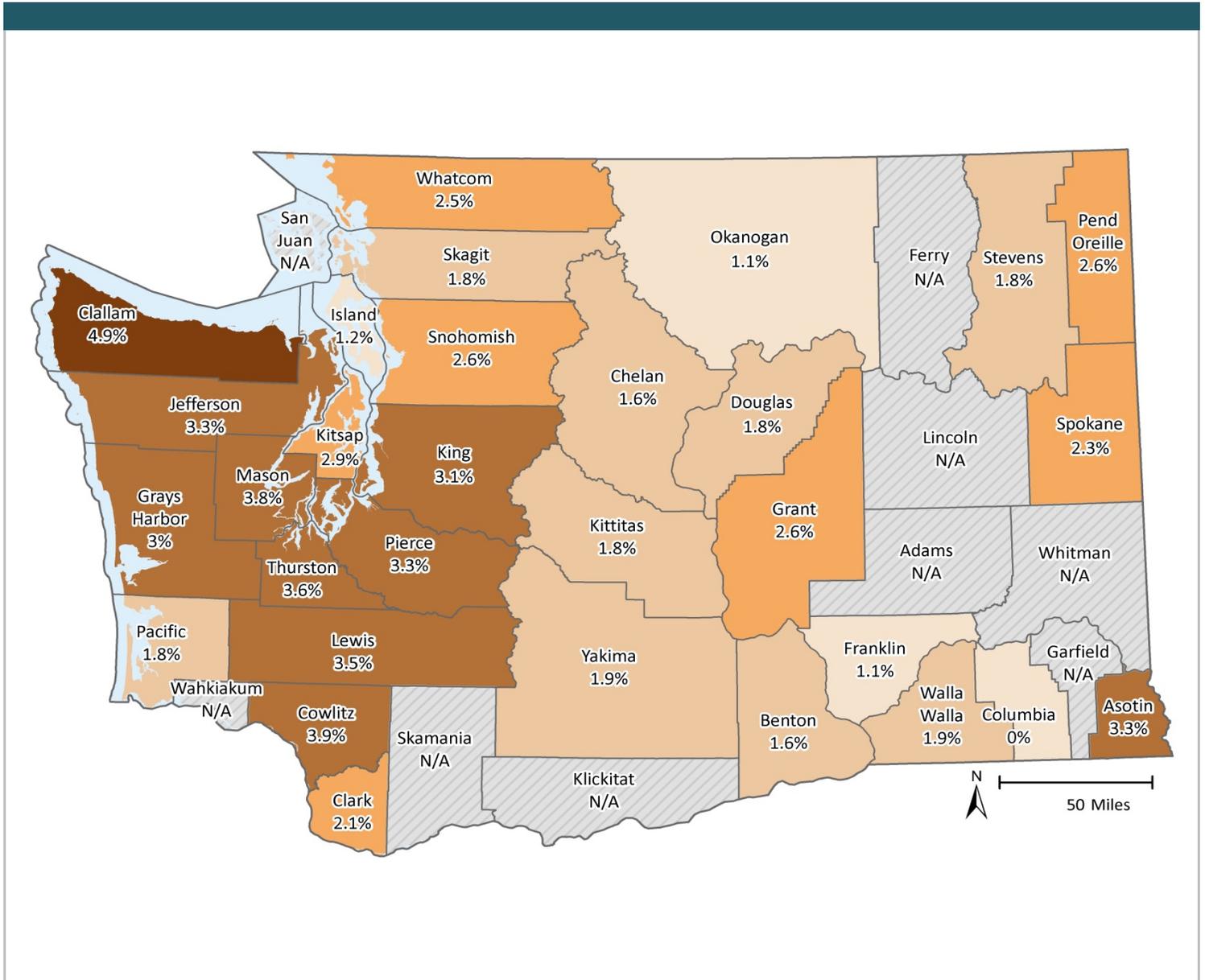
Percent of Medicaid-Classic Adults with Homelessness



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*

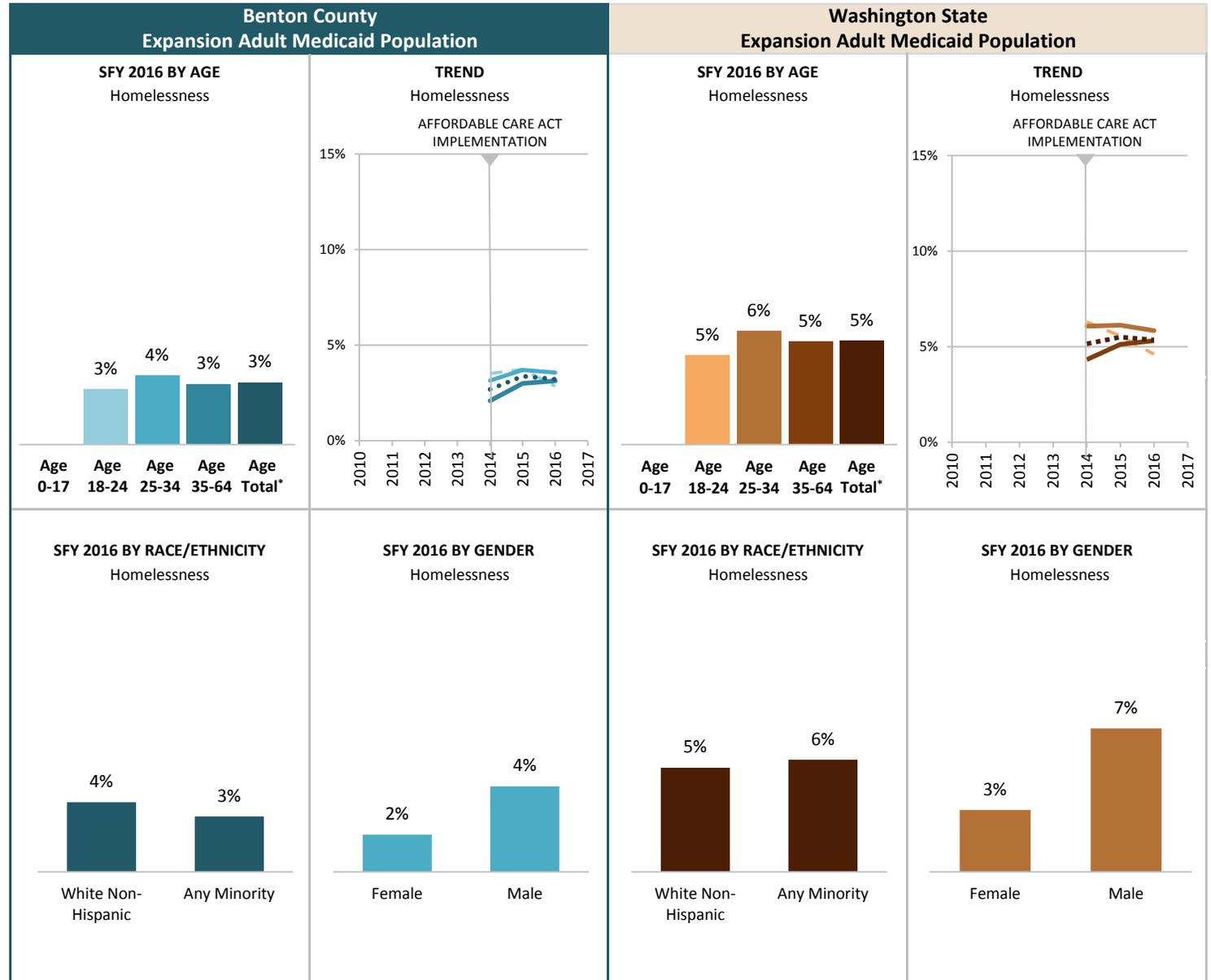
STATE:

- 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	Benton 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					3.5%	3.7%	2.8%						6.3%	5.6%	4.6%	
Persons w/Homelessness					59	113	100						3,773	5,743	5,513	
Total persons					1,679	3,020	3,510						59,852	103,457	119,804	
Age 25-34 w/Homelessness					3.1%	3.7%	3.6%						6.1%	6.1%	5.8%	
Persons w/Homelessness					79	166	186						6,217	10,847	11,965	
Total persons					2,517	4,489	5,215						102,393	177,330	204,738	
Age 35-64 w/Homelessness					2.1%	3.0%	3.1%						4.3%	5.1%	5.3%	
Persons w/Homelessness					88	212	244						8,580	16,260	18,337	
Total persons					4,228	7,069	7,790						198,262	317,159	345,171	
Age Total¹ w/Homelessness					2.7%	3.4%	3.2%						5.2%	5.5%	5.3%	
Persons w/Homelessness					226	491	530						18,570	32,850	35,815	
Total persons					8,424	14,578	16,515						360,507	597,946	669,713	
Population by Race-Ethnicity																
Amer Indian w/Homelessness					6.6%	9.4%	8.9%						12.2%	12.2%	11.4%	
Persons w/Homelessness					15	43	47						2,051	3,694	4,036	
Total persons					226	456	530						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					298	473	535						32,924	48,483	51,833	
Black w/Homelessness					4.3%	6.2%	6.4%						12.1%	12.3%	10.9%	
Persons w/Homelessness					13	35	41						3,422	6,039	6,113	
Total persons					301	563	638						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					135	228	246						11,451	20,416	23,467	
Hispanic w/Homelessness					1.8%	2.2%	2.3%						3.4%	3.8%	3.7%	
Persons w/Homelessness					46	96	114						1,765	3,189	3,556	
Total persons					2,568	4,326	4,968						52,399	84,681	96,834	
White Only w/Homelessness					3.1%	3.9%	3.6%						5.1%	5.4%	5.4%	
Persons w/Homelessness					151	330	344						11,159	19,614	21,643	
Total persons					4,890	8,539	9,569						216,846	361,260	402,225	
Any Minority w/Homelessness					2.2%	2.8%	2.9%						5.6%	6.1%	5.8%	
Persons w/Homelessness					74	160	185						7,289	12,988	13,857	
Total persons					3,322	5,648	6,470						130,167	212,403	239,488	
Population by Gender																
Females w/Homelessness					1.6%	2.0%	1.9%						2.9%	3.2%	3.2%	
Persons w/Homelessness					66	146	158						5,268	9,395	10,502	
Total persons					4,220	7,140	8,150						179,152	292,424	328,130	
Males w/Homelessness					3.8%	4.6%	4.4%						7.3%	7.7%	7.4%	
Persons w/Homelessness					160	345	372						13,302	23,455	25,313	
Total persons					4,204	7,438	8,365						181,355	305,522	341,583	

Homelessness Rates Among Medicaid-Expansion Adults, by County

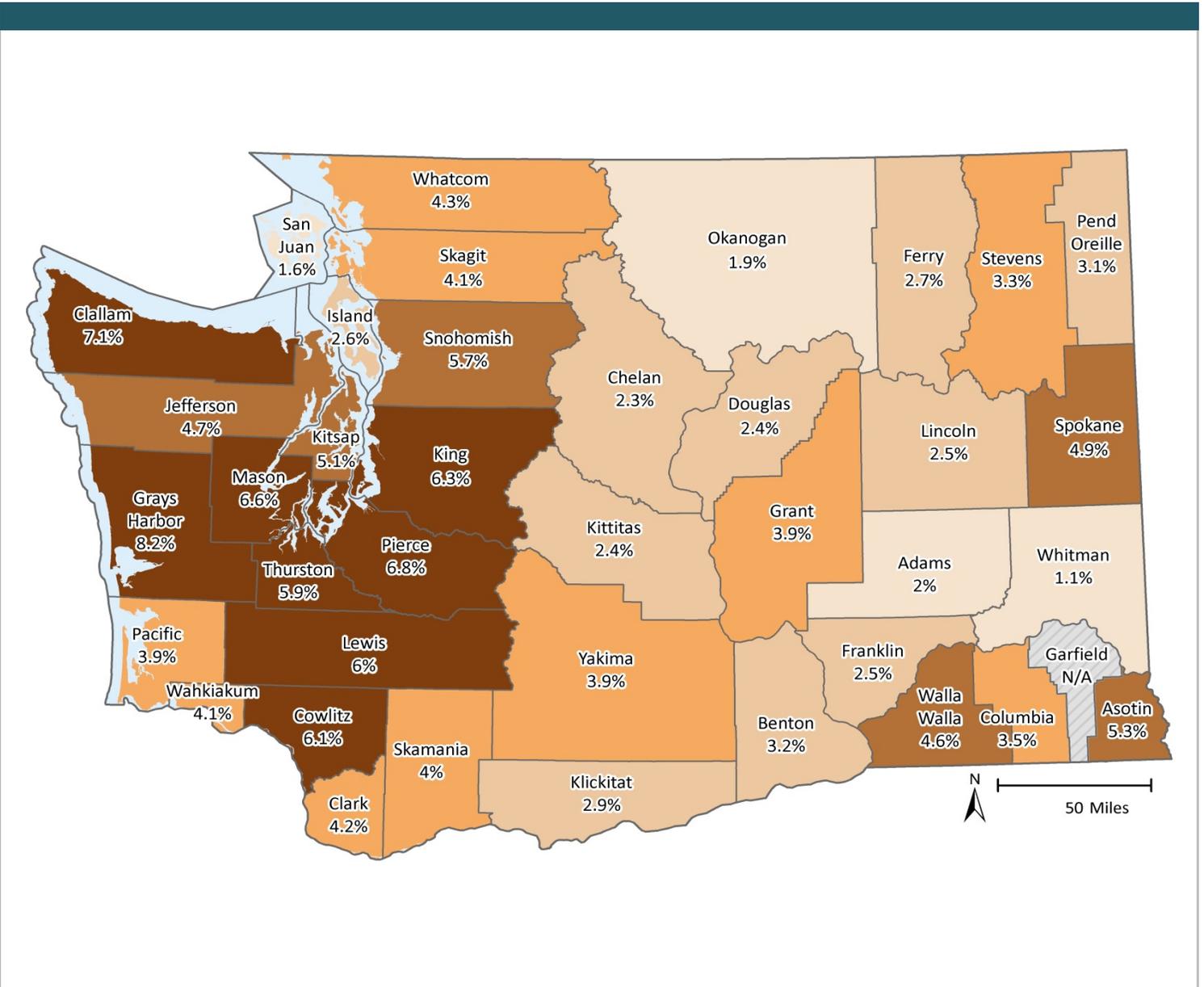
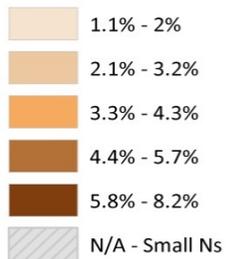
MARCH 2017

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*

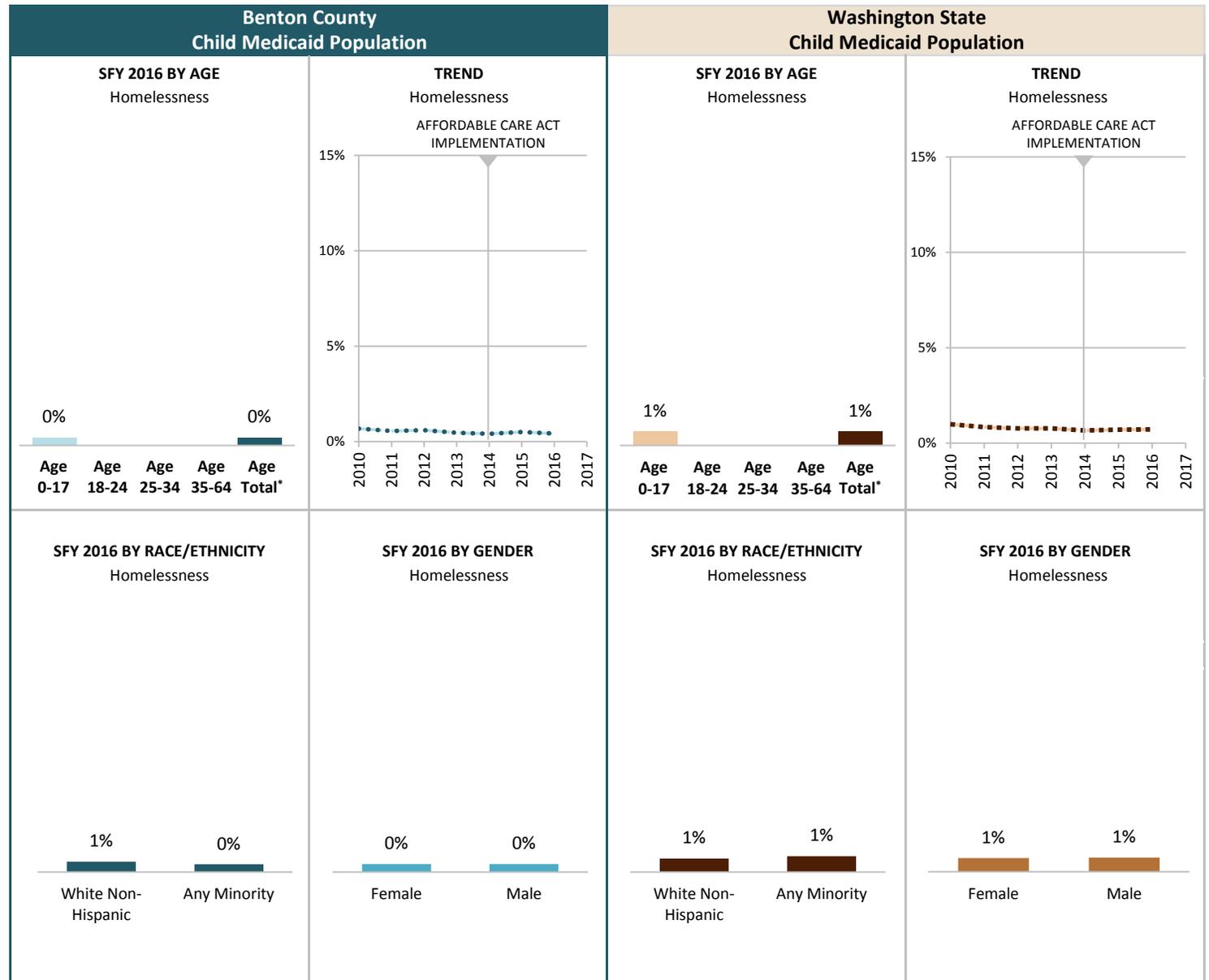
STATE:

- 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	Benton 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%	0.6%	0.6%	0.5%	0.4%	0.5%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	129	110	124	102	95	125	108		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		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%	0.6%	0.6%	0.5%	0.4%	0.5%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	129	110	124	102	95	125	108		6,131	5,544	5,185	5,267	4,675	5,146	5,507	
Total persons	19,041	19,718	20,641	21,841	23,273	24,573	25,834		622,410	654,270	667,876	675,849	709,246	733,269	764,990	
Population by Race-Ethnicity																
Amer Indian w/Homelessness			2.2%						1.7%	1.5%	1.3%	1.4%	1.2%	1.2%	1.2%	
Persons w/Homelessness			11						709	599	553	583	478	494	504	
Total persons	539	551	508	506	502	528	505		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	421	454	508	589	644	652	665		35,864	38,273	39,702	40,717	44,296	45,512	46,040	
Black w/Homelessness	1.3%	2.6%	1.9%	2.0%	1.5%	1.0%	1.2%		2.7%	2.3%	2.1%	2.1%	1.8%	2.1%	2.0%	
Persons w/Homelessness	12	24	19	22	17	12	15		1,740	1,523	1,468	1,479	1,320	1,524	1,518	
Total persons	905	914	999	1,095	1,146	1,190	1,222		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	284	306	360	412	434	483	496		23,961	26,357	27,977	29,142	30,854	32,649	34,547	
Hispanic w/Homelessness	0.6%	0.5%	0.6%	0.5%	0.5%	0.5%	0.3%		0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	
Persons w/Homelessness	51	52	61	49	50	55	39		1,258	1,268	1,075	1,059	997	1,053	1,223	
Total persons	9,144	9,517	9,880	10,356	10,921	11,437	11,964		189,491	198,644	204,066	208,176	215,914	221,917	229,009	
White Only w/Homelessness	0.8%	0.5%	0.4%	0.4%	0.3%	0.6%	0.5%		0.9%	0.8%	0.7%	0.7%	0.6%	0.7%	0.7%	
Persons w/Homelessness	56	34	34	31	26	51	50		2,365	2,088	1,994	2,037	1,848	2,033	2,149	
Total persons	7,268	7,354	7,631	7,984	8,674	9,181	9,435		262,296	273,199	276,905	277,210	292,559	299,987	307,557	
Any Minority w/Homelessness	0.6%	0.7%	0.7%	0.6%	0.5%	0.5%	0.4%		1.1%	1.0%	0.9%	0.9%	0.7%	0.8%	0.8%	
Persons w/Homelessness	66	73	78	67	65	69	55		3,528	3,202	2,970	3,011	2,675	2,943	3,156	
Total persons	10,570	10,991	11,447	12,098	12,767	13,375	13,930		317,712	332,784	341,709	348,713	363,042	372,845	383,534	
Population by Gender																
Females w/Homelessness	0.7%	0.6%	0.6%	0.4%	0.4%	0.5%	0.4%		1.0%	0.9%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	70	59	64	46	49	65	53		3,042	2,793	2,593	2,601	2,332	2,530	2,674	
Total persons	9,388	9,727	10,243	10,747	11,468	12,150	12,802		307,470	322,864	329,266	332,856	349,317	361,062	376,667	
Males w/Homelessness	0.6%	0.5%	0.6%	0.5%	0.4%	0.5%	0.4%		1.0%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	
Persons w/Homelessness	59	51	60	56	46	60	55		3,089	2,751	2,592	2,666	2,343	2,616	2,833	
Total persons	9,653	9,991	10,398	11,094	11,805	12,423	13,032		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.

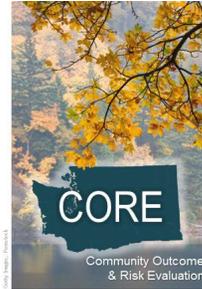
Wei, R., Tong, D. & J. M. Phillips (2016) An integrated classification scheme for mapping estimates and errors of estimation from the American Community Survey. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2016.04.003>.

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

Benton 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.