

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

# **Spokane 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).



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

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



## **Behavioral Health Treatment Needs and Outcomes**

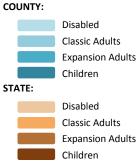
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## Any Behavioral Health Treatment Need

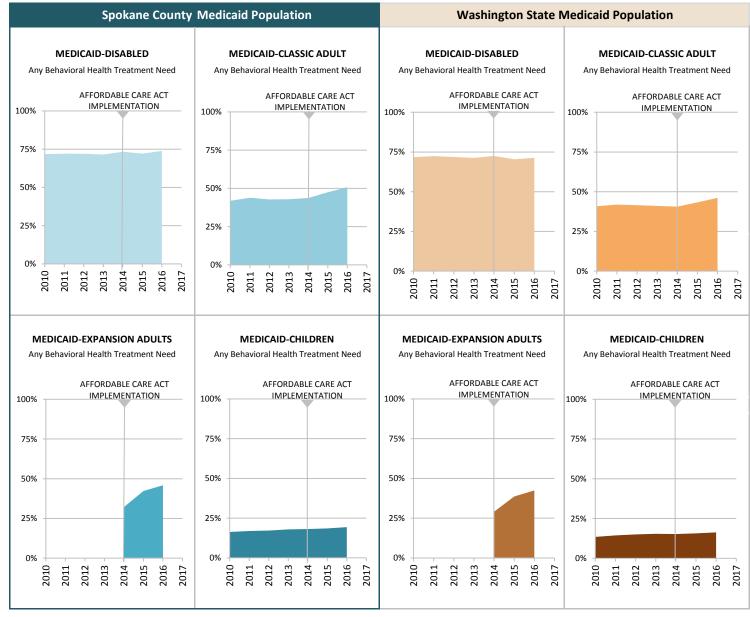
#### INDICATOR

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.



#### 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 subpopulations 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.



|                            |        |        |        |        |          | <i>.</i> |        |      |         |          |         |           |          |         |         |      |  |  |  |  |  |  |
|----------------------------|--------|--------|--------|--------|----------|----------|--------|------|---------|----------|---------|-----------|----------|---------|---------|------|--|--|--|--|--|--|
|                            |        | S      | pokane | County | Medicaic | Populat  | tion   |      | Wa      | shington | State M | edicaid P | opulatio | ulation |         |      |  |  |  |  |  |  |
| STATE FISCAL YEAR          |        |        |        |        |          |          |        |      |         |          |         |           |          |         |         |      |  |  |  |  |  |  |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013   | 2014     | 2015     | 2016   | 2017 | 2010    | 2011     | 2012    | 2013      | 2014     | 2015    | 2016    | 2017 |  |  |  |  |  |  |
| Medicaid-Disabled          | 71.7%  | 72.0%  | 72.0%  | 71.5%  | 73.3%    | 72.1%    | 73.8%  |      | 71.7%   | 72.4%    | 71.9%   | 71.3%     | 72.5%    | 70.4%   | 71.4%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need   | 8,332  | 8,565  | 9,194  | 9,722  | 9,686    | 7,295    | 7,503  |      | 89,594  | 93,025   | 96,533  | 100,105   | 96,224   | 72,158  | 72,255  |      |  |  |  |  |  |  |
| Total persons              | 11,613 | 11,888 | 12,774 | 13,601 | 13,216   | 10,123   | 10,166 |      | 124,883 | 128,515  | 134,310 | 140,423   | 132,693  | 102,517 | 101,262 |      |  |  |  |  |  |  |
| Medicaid-Classic Adults    | 41.8%  | 43.8%  | 42.8%  | 42.9%  | 43.7%    | 47.4%    | 50.7%  |      | 40.8%   | 41.9%    | 41.5%   | 41.1%     | 40.6%    | 43.3%   | 46.1%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need   | 7,753  | 8,454  | 8,124  | 7,985  | 8,598    | 9,288    | 9,504  |      | 76,388  | 82,303   | 81,097  | 78,942    | 84,954   | 92,129  | 93,533  |      |  |  |  |  |  |  |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620 | 19,682   | 19,580   | 18,737 |      | 187,116 | 196,466  | 195,423 | 192,285   | 209,200  | 212,897 | 202,682 |      |  |  |  |  |  |  |
| Medicaid-Expansion Adults  |        |        |        |        | 32.2%    | 42.3%    | 45.9%  |      |         |          |         |           | 29.1%    | 38.6%   | 42.5%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need   |        |        |        |        | 9,669    | 21,560   | 26,845 |      |         |          |         |           | 104,829  | 231,038 | 284,370 |      |  |  |  |  |  |  |
| Total persons              |        |        |        |        | 30,057   | 51,010   | 58,482 |      |         |          |         |           | 360,507  | 597,946 | 669,713 |      |  |  |  |  |  |  |
| Medicaid-Children          | 16.3%  | 16.9%  | 17.2%  | 17.9%  | 18.1%    | 18.5%    | 19.3%  |      | 13.4%   | 14.4%    | 15.0%   | 15.4%     | 15.2%    | 15.7%   | 16.3%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need   | 7,962  | 8,702  | 8,990  | 9,514  | 10,069   | 10,617   | 11,702 |      | 83,673  | 94,115   | 100,200 | 104,001   | 108,081  | 114,930 | 124,496 |      |  |  |  |  |  |  |
| Total persons              | 48,797 | 51,427 | 52,264 | 53,094 | 55,484   | 57,268   | 60,490 |      | 622,410 | 654,270  | 667,876 | 675,849   | 709,246  | 733,269 | 764,990 |      |  |  |  |  |  |  |

### SUPPORTING TABLES | Any Behavioral Health Treatment Need

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.



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#### **Spokane County Washington State Any Behavioral Disabled Medicaid Population Disabled Medicaid Population Health Treatment** SFY 2016 BY AGE TREND SFY 2016 BY AGE TREND Any Behavioral Health Treatment Need Need AFFORDABLE CARE ACT AFFORDABLE CARE ACT IMPLEMENTATION IMPLEMENTATION 100% 100% 80% 79% 75% 74% 71% 71% 75% 75% 65% . . . . . . . . . . . . . .......... 60% 58% 54% 50% 50% 25% 25% 0% 0% 2010 2012 2013 2014 2015 2016 2017 2010 2012 2013 2014 2015 2016 2011 2011 2017 Age 0-17 18-24 25-34 35-64 Total\* 0-17 18-24 25-34 35-64 Total\* SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER Any Behavioral Health Treatment Need 78% 76% 75% 74% 73% 70% 69% 67% White Non-Any Minority Female Male White Non-Any Minority Female Male Hispanic Hispanic \*Those age 65 and older have been excluded

#### 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:

| <br>Age 0-17   |
|----------------|
| <br>Age 18-24  |
| Age 25-34      |
| <br>Age 35-64  |
| <br>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.

due to incomplete data.

|   | SUPPORTING TABLES   Any Behavioral Health I |                |         |               |          |        |        |      | Ireatm       |                 |         |          |              |              |              |      |  |  |  |  |  |
|---|---|----------------|---------|---------------|----------|--------|--------|------|--------------|-----------------|---------|----------|--------------|--------------|--------------|------|--|--|--|--|--|
|   |   | Spokane County |         |               |          |        |        |      |              |                 | -       |          | edicaid P    | -            | n            |      |  |  |  |  |  |
|   |   |                | Disable | d Medic       | aid Popu | lation |        |      |              |                 | Disable | d Medica | aid Popul    | ation        |              |      |  |  |  |  |  |
| STATE FISCAL YEAR                       |   |                |         |               |          |        |        |      |              |                 |         |          |              |              |              |      |  |  |  |  |  |
| Population by Age                       | 2010  | 2011           | 2012    | 2013          | 2014     | 2015   | 2016   | 2017 | 2010         | 2011            | 2012    | 2013     | 2014         | 2015         | 2016         | 2017 |  |  |  |  |  |
| Age 0-17 w/Any BH Tx Need               | 50.3%                                       | 52.5%          | 53.2%   | 52.6%         | 53.7%    | 55.6%  | 59.8%  |      | 45.9%        | 47.3%           | 47.9%   | 48.3%    | 49.0%        | 50.7%        | 53.5%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 903   | 972            | 1,023   | 1,034         | 1,059    | 1,093  | 1,201  |      | 7,697        | 8,190           | 8,620   | 8,962    | 9,063        | 9,332        | 10,081       |      |  |  |  |  |  |
| Total persons                           | 1,794                                       | 1,851          | 1,922   | 1,967         | 1,973    | 1,966  | 2,010  |      | 16,781       | 17,300          | 17,984  | 18,543   | 18,499       | 18,398       | 18,838       |      |  |  |  |  |  |
| Age 18-24 w/Any BH Tx Need              | 65.8%                                       | 67.1%          | 65.8%   | 63.2%         | 64.6%    | 64.3%  | 65.1%  |      | 62.8%        | 63.0%           | 62.3%   | 61.8%    | 61.5%        | 58.0%        | 58.3%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 782   | 796            | 813     | 814           | 784      | 642    | 639    |      | 7,808        | 7,887           | 7,830   | 7,880    | 7,308        | 5,679        | 5,611        |      |  |  |  |  |  |
| Total persons                           | 1,188                                       | 1,187          | 1,236   | 1,287         | 1,214    | 999    | 982    |      | 12,428       | 12,515          | 12,560  | 12,748   | 11,876       | 9,790        | 9,630        |      |  |  |  |  |  |
| Age 25-34 w/Any BH Tx Need              | 75.9%                                       | 76.9%          | 77.1%   | 76.0%         | 76.4%    | 72.9%  | 74.6%  |      | 76.1%        | 76.5%           | 75.7%   | 75.1%    | 74.8%        | 69.9%        | 70.9%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 1,245                                       | 1,299          | 1,409   | 1,496         | 1,475    | 1,013  | 1,048  |      | 12,899       | 13,388          | 13,888  | 14,537   | 13,786       | 9,537        | 9,654        |      |  |  |  |  |  |
| Total persons                           | 1,640                                       | 1,689          | 1,828   | 1,969         | 1,930    | 1,389  | 1,405  |      | 16,942       | 17,492          | 18,352  | 19,368   | 18,422       | 13,637       | 13,622       |      |  |  |  |  |  |
| Age 35-64 w/Any BH Tx Need              | 77.3%                                       | 76.8%          | 76.4%   | 76.1%         | 78.6%    | 78.8%  | 80.0%  |      | 77.7%        | 78.3%           | 77.5%   | 76.6%    | 78.7%        | 78.4%        | 79.3%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 5,402                                       | 5,498          | 5,949   | 6,378         | 6,368    | 4,547  | 4,615  |      | 61,190       | 63,560          | 66,195  | 68,726   | 66,067       | 47,610       | 46,909       |      |  |  |  |  |  |
| Total persons                           | 6,991                                       | 7,161          | 7,788   | 8,378         | 8,099    | 5,769  | 5,769  |      | 78,732       | 81,208          | 85,414  | 89,764   | 83,896       | 60,692       | 59,172       |      |  |  |  |  |  |
| Age Total <sup>†</sup> w/Any BH Tx Need | 71.7%                                       | 72.0%          | 72.0%   | 71.5%         | 73.3%    | 72.1%  | 73.8%  |      | 71.7%        | 72.4%           | 71.9%   | 71.3%    | 72.5%        | 70.4%        | 71.4%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 8,332                                       | 8,565          | 9,194   | 9,722         | 9,686    | 7,295  | 7,503  |      | 89,594       | 93,025          | 96,533  | 100,105  | 96,224       | 72,158       | 72,255       |      |  |  |  |  |  |
| Total persons                           | 11,613                                      | 11,888         | 12,774  | 13,601        | 13,216   | 10,123 | 10,166 |      | 124,883      | 128,515         | 134,310 | 140,423  | 132,693      | 102,517      | 101,262      |      |  |  |  |  |  |
| Population by Race-Ethnicity            | 11,015                                      | 11,000         | 12,774  | 15,001        | 15,210   | 10,125 | 10,100 |      | 124,005      | 120,515         | 134,510 | 140,423  | 152,055      | 102,517      | 101,202      |      |  |  |  |  |  |
| Amer Indian w/Any BH Tx Need            | 76.2%                                       | 78.0%          | 77.5%   | 78.6%         | 78.7%    | 78.8%  | 80.1%  |      | 79.6%        | 80.5%           | 79.4%   | 79.2%    | 80.0%        | 79.1%        | 79.3%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 1,004                                       | 1,049          | 1,121   | 1,167         | 1,163    | 921    | 924    |      | 10,071       | 10,461          | 10,678  | 11,078   | 10,617       | 8,236        | 8,013        |      |  |  |  |  |  |
| Total persons                           | 1,318                                       | 1,345          | 1,446   | 1,485         | 1,477    | 1,169  | 1,153  |      | 12,656       | 12,987          | 13,443  | 13,990   | 13,263       | 10,410       | 10,105       |      |  |  |  |  |  |
| Asian w/Any BH Tx Need                  | 64.7%                                       | 63.1%          | 62.7%   | 60.2%         | 60.5%    | 59.7%  | 66.8%  |      | 62.7%        | 63.8%           | 64.0%   | 63.2%    | 64.2%        | 63.5%        | <b>63.9%</b> |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 143   | 140            | 158     | 165           | 170      | 129    | 141    |      | 3,867        | 4,032           | 4,117   | 4,270    | 4,115        | 3,209        | 3,189        |      |  |  |  |  |  |
| Total persons                           | 221   | 222            | 252     | 274           | 281      | 216    | 211    |      | 6,163        | 6,321           | 6,430   | 6,757    | 6,406        | 5,052        | 4,987        |      |  |  |  |  |  |
| Black w/Any BH Tx Need                  | 69.8%                                       | 70.7%          | 69.7%   | 71.0%         | 72.0%    | 69.8%  | 72.3%  |      | <b>72.4%</b> | <b>73.1%</b>    | 72.6%   | 72.6%    | <b>73.0%</b> | <b>70.2%</b> | <b>71.7%</b> |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 528   | 578            | 621     | 692           | 720      | 572    | 602    |      | 11,391       | 12,081          | 12,815  | 13,493   | 13,150       | 10,033       | 10,247       |      |  |  |  |  |  |
|   | 756   | 817            | 891     | 975           |          | 820    | 833    |      |              |                 |         |          |              |              |              |      |  |  |  |  |  |
| Total persons                           |   |                |         |               | 1,000    |        |        |      | 15,723       | 16,528          | 17,644  | 18,598   | 18,024       | 14,300       | 14,301       |      |  |  |  |  |  |
| Hawaiian/PI w/Any BH Tx Need            | 60.6%                                       | 59.7%          | 57.5%   | 54.9%         | 63.1%    | 57.3%  | 58.4%  |      | 59.8%        | 61.1%           | 61.3%   | 61.0%    | 61.4%        | 59.5%        | 62.2%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 77  | 83             | 88      | 95            | 111      | 86     | 94     |      | 1,602        | 1,776           | 1,863   | 2,003    | 1,992        | 1,550        | 1,621        |      |  |  |  |  |  |
| Total persons                           | 127   | 139            | 153     | 173           | 176      | 150    | 161    |      | 2,678        | 2,909           | 3,037   | 3,282    | 3,243        | 2,606        | 2,606        |      |  |  |  |  |  |
| Hispanic w/Any BH Tx Need               | 66.1%                                       | 68.3%          | 66.9%   | 66.0%         | 67.6%    | 66.9%  | 69.9%  |      | 58.2%        | 59.8%           | 60.3%   | 59.9%    | 61.0%        | 58.6%        | 61.6%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 339   | 385            | 415     | 427           | 406      | 344    | 386    |      | 6,961        | 7,694           | 8,395   | 8,898    | 8,783        | 7,102        | 7,525        |      |  |  |  |  |  |
| Total persons                           | 513   | 564            | 620     | 647           | 601      | 514    | 552    |      | 11,952       | 12,861          | 13,932  | 14,847   | 14,405       | 12,112       | 12,221       |      |  |  |  |  |  |
| White Only w/Any BH Tx Need             | 72.4%                                       | 72.6%          | 72.9%   | 72.1%         | 74.2%    | 73.2%  | 74.8%  |      | 74.2%        | 74.8%           | 74.3%   | 73.7%    | 75.2%        | 73.3%        | 74.0%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 6,433                                       | 6,528          | 6,995   | 7,382         | 7,330    | 5,425  | 5,554  |      | 58,288       | 59 <i>,</i> 854 | 61,660  | 63,679   | 60,903       | 44,713       | 44,352       |      |  |  |  |  |  |
| Total persons                           | 8,880                                       | 8,988          | 9,598   | 10,245        | 9,880    | 7,414  | 7,426  |      | 78,533       | 80,029          | 82,980  | 86,371   | 80,978       | 60,981       | 59,899       |      |  |  |  |  |  |
| Any Minority w/Any BH Tx Need           | 71.1%                                       | 72.2%          | 71.2%   | 71.5%         | 72.8%    | 71.5%  | 73.2%  |      | 69%          | 70%             | 69%     | 69%      | 70%          | 67%          | 69%          |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 1,859                                       | 1,994          | 2,140   | 2,270         | 2,293    | 1,820  | 1,884  |      | 30,656       | 32,417          | 34,046  | 35,594   | 34,533       | 26,827       | 27,191       |      |  |  |  |  |  |
| Total persons                           | 2,614                                       | 2,760          | 3,007   | 3,174         | 3,151    | 2,545  | 2,574  |      | 44,553       | 46,500          | 49,152  | 51,746   | 49,612       | 39,746       | 39,447       |      |  |  |  |  |  |
| Population by Gender                    |   |                |         |               |          |        |        |      |              |                 |         |          |              |              |              |      |  |  |  |  |  |
| Females w/Any BH Tx Need                | 74.9%                                       | 75.6%          | 75.3%   | 74.9%         | 77.0%    | 75.9%  | 77.6%  |      | 74.9%        | 75.6%           | 75.2%   | 74.7%    | 76.1%        | 74.8%        | 75.7%        |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 4,223                                       | 4,390          | 4,636   | 4,864         | 4,769    | 3,656  | 3,701  |      | 46,172       | 47,799          | 49,189  | 50,465   | 48,279       | 37,014       | 36,598       |      |  |  |  |  |  |
| Total persons                           | 5,640                                       | 5,805          | 6,153   | 6,492         | 6,197    | 4,817  | 4,767  |      | 61,618       | 63,257          | 65,436  | 67,598   | 63,423       | 49,480       | 48,350       |      |  |  |  |  |  |
| Males w/Any BH Tx Need                  | 68.8%                                       | 68.6%          | 68.8%   | <b>68.3</b> % | 70.1%    | 68.6%  | 70.4%  |      | 68.6%        | 69.3%           | 68.7%   | 68.2%    | 69.2%        | 66.3%        | 67.4%        |      |  |  |  |  |  |
|   |   |                |         |               |          |        |        |      |              |                 |         |          |              |              |              |      |  |  |  |  |  |
| Persons w/Any BH Tx Need                | 4,109                                       | 4,175          | 4,558   | 4,858         | 4,917    | 3,639  | 3,802  |      | 43,422       | 45,226          | 47,344  | 49,640   | 47,945       | 35,144       | 35,657       |      |  |  |  |  |  |

## SUPPORTING TABLES | Any Behavioral Health Treatment Need



## **Any Behavioral Health Treatment Need Rates**

Among Medicaid-Disabled Youth and Adults, by County

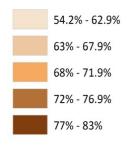
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## SFY 2016

#### INDICATOR

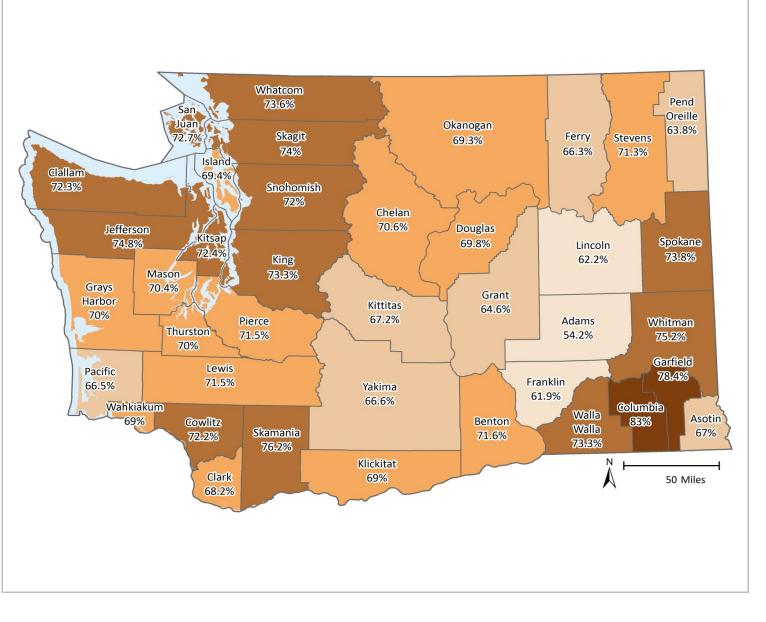
Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





## Behavioral Health Treatment Needs and Outcomes

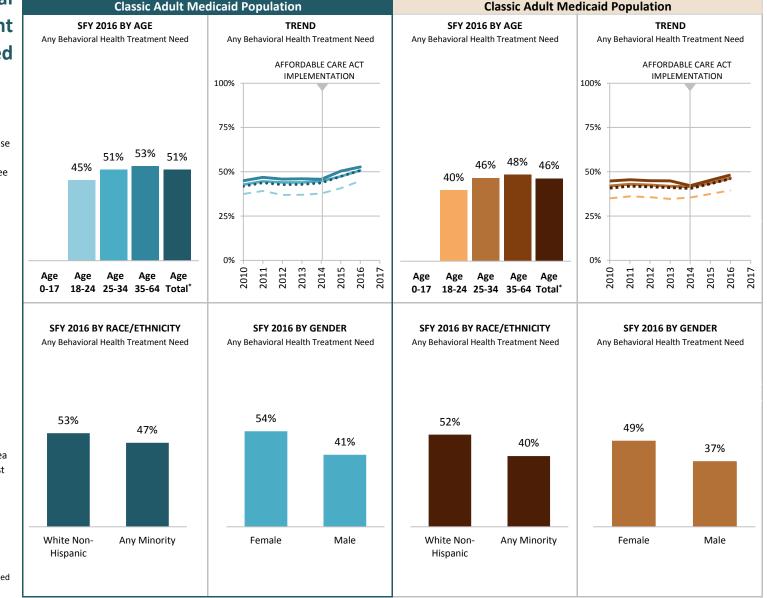
Spokane County

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Any Behavioral Health Treatment Need



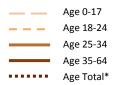
### INDICATOR

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:



#### 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.

|  | SUPPORTING TABLES   Any benavioral realth |        |            |          |          |          |        |      |                                      |         |            |   |           | Develotion |         |      |  |  |  |  |  |  |
|--|---|--------|------------|----------|----------|----------|--------|------|--------------------------------------|---------|------------|---|-----------|------------|---------|------|--|--|--|--|--|--|
|  | Spokane County                            |        |            |          |          |          |        |      | Washington State Medicaid Population |         |            |   |           |            |         |      |  |  |  |  |  |  |
|  |   | (      | Classic Ac | dult Med | icaid Po | pulation |        |      |                                      | (       | Classic Ac | ult Med                                 | icaid Pop | ulation    |         |      |  |  |  |  |  |  |
| STATE FISCAL YEAR                              | 2010                                      | 2044   | 2042       | 2042     | 204.4    | 2045     | 2046   | 2047 | 2010                                 | 2044    | 2042       | 2042                                    | 2014      | 2045       | 2010    | 2047 |  |  |  |  |  |  |
| Population by Age<br>Age 0-17 w/Any BH Tx Need | 2010                                      | 2011   | 2012       | 2013     | 2014     | 2015     | 2016   | 2017 | 2010                                 | 2011    | 2012       | 2013                                    | 2014      | 2015       | 2016    | 2017 |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       |   |        |            |          |          |          |        |      |                                      |         |            |   |           |            |         |      |  |  |  |  |  |  |
| Total persons                                  |   |        |            |          |          |          |        |      |                                      |         |            |   |           |            |         |      |  |  |  |  |  |  |
|  | 27 59/                                    | 20.20/ | 26.0%      | 27.0%    | 27.00/   | 40.00/   | AA 00/ |      | 25 10/                               | 26.2%   | 25 70/     | 24 79/                                  | 25 50/    | 27 59/     | 20 59/  |      |  |  |  |  |  |  |
| Age 18-24 w/Any BH Tx Need                     | 37.5%                                     | 39.2%  | 36.9%      | 37.0%    | 37.8%    | 40.8%    | 44.8%  |      | 35.1%                                | 36.2%   | 35.7%      | 34.7%                                   | 35.5%     | 37.5%      | 39.5%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 1,980                                     | 1,990  | 1,785      | 1,661    | 1,490    | 1,289    | 1,201  |      | 18,811                               | 19,242  | 17,930     | 16,238                                  | 14,925    | 13,030     | 11,807  |      |  |  |  |  |  |  |
| Total persons                                  | 5,285                                     | 5,075  | 4,832      | 4,491    | 3,943    | 3,162    | 2,678  |      | 53,642                               | 53,226  | 50,282     | 46,798                                  | 42,062    | 34,728     | 29,874  |      |  |  |  |  |  |  |
| Age 25-34 w/Any BH Tx Need                     | 42.8%                                     | 44.6%  | 44.0%      | 43.9%    | 44.7%    | 47.4%    | 50.8%  |      | 42.0%                                | 43.0%   | 42.5%      | 41.8%                                   | 41.6%     | 43.6%      | 46.4%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 3,547                                     | 3,934  | 3,842      | 3,809    | 4,037    | 4,269    | 4,330  |      | 33,376                               | 36,503  | 36,212     | 35,509                                  | 37,434    | 39,841     | 40,534  |      |  |  |  |  |  |  |
| Total persons                                  | 8,291                                     | 8,815  | 8,730      | 8,668    | 9,034    | 9,012    | 8,529  |      | 79,426                               | 84,872  | 85,154     | 84,954                                  | 89,881    | 91,384     | 87,322  |      |  |  |  |  |  |  |
| Age 35-64 w/Any BH Tx Need                     | 45.0%                                     | 46.9%  | 45.9%      | 46.1%    | 45.8%    | 50.4%    | 52.8%  |      | 44.8%                                | 45.5%   | 44.9%      | 44.9%                                   | 42.2%     | 45.2%      | 48.2%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 2,226                                     | 2,530  | 2,497      | 2,515    | 3,071    | 3,730    | 3,973  |      | 24,201                               | 26,558  | 26,955     | 27,195                                  | 32,595    | 39,258     | 41,192  |      |  |  |  |  |  |  |
| Total persons                                  | 4,950                                     | 5,399  | 5,440      | 5,461    | 6,705    | 7,406    | 7,530  |      | 54,048                               | 58,368  | 59,987     | 60,533                                  | 77,257    | 86,785     | 85,486  |      |  |  |  |  |  |  |
| Age Total <sup>†</sup> w/Any BH Tx Need        | 41.8%                                     | 43.8%  | 42.8%      | 42.9%    | 43.7%    | 47.4%    | 50.7%  |      | 40.8%                                | 41.9%   | 41.5%      | 41.1%                                   | 40.6%     | 43.3%      | 46.1%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 7,753                                     | 8,454  | 8,124      | 7,985    | 8,598    | 9,288    | 9,504  |      | 76,388                               | 82,303  | 81,097     | 78,942                                  | 84,954    | 92,129     | 93,533  |      |  |  |  |  |  |  |
| Total persons                                  | 18,526                                    | 19,289 | 19,002     | 18,620   | 19,682   | 19,580   | 18,737 |      | 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                   | 54.7%                                     | 56.2%  | 55.7%      | 56.3%    | 57.6%    | 60.6%    | 63.8%  |      | 58.0%                                | 58.2%   | 57.9%      | 57.5%                                   | 57.4%     | 59.9%      | 62.5%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 921                                       | 993    | 1,005      | 977      | 950      | 925      | 902    |      | 9,126                                | 9,347   | 9,192      | 8,927                                   | 8,917     | 8,833      | 8,618   |      |  |  |  |  |  |  |
| Total persons                                  | 1,685                                     | 1,768  | 1,804      | 1,734    | 1,650    | 1,527    | 1,414  |      | 15,724                               | 16,055  | 15,880     | 15,536                                  | 15,526    | 14,748     | 13,780  |      |  |  |  |  |  |  |
| Asian w/Any BH Tx Need                         | 25.9%                                     | 24.6%  | 24.5%      | 26.7%    | 28.0%    | 31.4%    | 32.6%  |      | 27.3%                                | 27.5%   | 27.9%      | 27.6%                                   | 25.1%     | 27.0%      | 29.8%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 123                                       | 129    | 131        | 149      | 176      | 197      | 195    |      | 2,441                                | 2,706   | 2,900      | 2,892                                   | 3,221     | 3,736      | 3,958   |      |  |  |  |  |  |  |
| Total persons                                  | 475                                       | 524    | 534        | 558      | 629      | 628      | 598    |      | 8,946                                | 9,857   | 10,383     | 10,472                                  | 12,826    | 13,850     | 13,283  |      |  |  |  |  |  |  |
| Black w/Any BH Tx Need                         | 44.5%                                     | 43.5%  | 42.3%      | 43.0%    | 44.8%    | 47.8%    | 47.8%  |      | 38.0%                                | 39.3%   | 38.4%      | 37.3%                                   | 38.1%     | 40.0%      | 42.4%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 443                                       | 453    | 453        | 461      | 504      | 509      | 506    |      | 7,772                                | 8,662   | 8,589      | 8,401                                   | 8,871     | 9,046      | 9,007   |      |  |  |  |  |  |  |
| Total persons                                  | 996                                       | 1,042  | 1,071      | 1,071    | 1,125    | 1,065    | 1,059  |      | 20,472                               | 22,019  | 22,359     | 22,509                                  | 23,300    | 22,608     | 21,247  |      |  |  |  |  |  |  |
| Hawaiian/PI w/Any BH Tx Need                   | 29.1%                                     | 29.0%  | 29.6%      | 22.2%    | 21.2%    | 23.6%    | 24.5%  |      | 26.3%                                | 27.5%   | 26.9%      | 26.5%                                   | 25.9%     | 27.7%      | 29.9%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 80  | 92     | 103        | 83       | 115      | 141      | 138    |      | 1,738                                | 1,981   | 2,063      | 2,120                                   | 2,401     | 2,782      | 2,895   |      |  |  |  |  |  |  |
| Total persons                                  | 275                                       | 317    | 348        | 374      | 543      | 598      | 563    |      | 6,597                                | 7,206   | 7,668      | 8,012                                   | 9,280     | 10,049     | 9,680   |      |  |  |  |  |  |  |
| Hispanic w/Any BH Tx Need                      | 41.1%                                     | 42.8%  | 39.6%      | 40.4%    | 41.3%    | 44.4%    | 47.3%  |      | 34.0%                                | 35.0%   | 34.7%      | 34.0%                                   | 32.9%     | 36.1%      | 38.6%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 489                                       | 551    | 530        | 544      | 609      | 663      | 680    |      | 9,522                                | 10,556  | 10,770     | 10,564                                  | 12,091    | 13,933     | 14,256  |      |  |  |  |  |  |  |
| Total persons                                  | 1,191                                     | 1,287  | 1,338      | 1,346    | 1,475    | 1,492    | 1,438  |      | 27,981                               | 30,192  | 31,042     | 31,071                                  | 36,696    | 38,578     | 36,904  |      |  |  |  |  |  |  |
| White Only w/Any BH Tx Need                    | 42.1%                                     | 44.5%  | 43.5%      | 43.7%    | 44.8%    | 49.2%    | 52.8%  |      | 44.4%                                | 45.8%   | 45.4%      | 45.2%                                   | 45.4%     | 48.8%      | 52.1%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 5,846                                     | 6,405  | 6,111      | 5,985    | 6,472    | 7,071    | 7,226  |      | 48,478                               | 51,959  | 50,800     | 49,390                                  | 52,982    | 57,313     | 57,986  |      |  |  |  |  |  |  |
| Total persons                                  | 13,871                                    | 14,400 | 14,054     | 13,708   | 14,448   | 14,373   | 13,674 |      | 109,240                              | 113,562 | 111,810    | 109,193                                 | 116,622   | 117,491    | 111,271 |      |  |  |  |  |  |  |
| Any Minority w/Any BH Tx Need                  | 44.0%                                     | 44.6%  | 43.1%      | 42.9%    | 42.5%    | 45.0%    | 47.5%  |      | 38%                                  | 38%     | 38%        | 37%                                     | 36%       | 38%        | 40%     |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 1,827                                     | 1,962  | 1,943      | 1,932    | 2,040    | 2,122    | 2,146  |      | 26,960                               | 29,270  | 29,352     | 28,697                                  | 31,020    | 33,636     | 33,981  |      |  |  |  |  |  |  |
| Total persons                                  | 4,151                                     | 4,399  | 4,503      | 4,505    | 4,804    | 4,720    | 4,521  |      | 71,412                               | 76,204  | 77,640     | 77,666                                  | 87,020    | 89,353     | 84,953  |      |  |  |  |  |  |  |
| Population by Gender                           | 1,202                                     | 1,000  | 1,000      | 1,505    | 1,001    | 1)/ 20   | 1,021  |      | , 1) . 12                            | / 0)201 | ,,,,,,,,,, | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 07,020    | 03,000     | 0 1,555 |      |  |  |  |  |  |  |
| Females w/Any BH Tx Need                       | 44.5%                                     | 47.2%  | 45.8%      | 46.0%    | 47.0%    | 50.6%    | 54.0%  |      | 42.5%                                | 43.9%   | 43.5%      | 43.1%                                   | 43.1%     | 45.9%      | 48.6%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 6,108                                     | 6,664  | 6,405      | 6,340    | 6,841    | 7,437    | 7,625  |      | 61,664                               | 66,247  | 65,546     | 64,159                                  | 69,252    | 75,901     | 77,321  |      |  |  |  |  |  |  |
| Total persons                                  | 13,719                                    | 14,123 | 13,997     | 13,795   | 14,561   | 14,687   | 14,122 |      | 145,117                              | 150,966 | 150,554    | 149,017                                 | 160,506   | 165,344    | 158,994 |      |  |  |  |  |  |  |
| Males w/Any BH Tx Need                         | 34.2%                                     | 34.6%  | 34.3%      | 34.1%    | 34.3%    | 37.8%    | 40.7%  |      | 35.1%                                | 35.3%   | 34.7%      | 34.2%                                   | 32.2%     | 34.1%      | 37.1%   |      |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                       | 1,645                                     | 1,790  | 1,719      | 1,645    | 1,757    | 1,851    | 1,879  |      | 14,724                               | 16,056  | 15,551     | 14,783                                  | 15,702    | 16,228     | 16,212  |      |  |  |  |  |  |  |
| Total persons                                  | 4,807                                     | 5,166  | 5,005      | 4,825    | 5,121    | 4,893    | 4,615  |      | 41,999                               | 45,500  | 44,869     | 43,268                                  | 48,694    | 47,553     | 43,688  |      |  |  |  |  |  |  |
|  | 4,007                                     | 5,100  | 3,003      | 4,020    | 5,121    | 4,030    | 4,015  |      | 41,333                               | 45,500  | 44,003     | 43,200                                  | 40,094    | 47,000     | 45,000  |      |  |  |  |  |  |  |

### SUPPORTING TABLES | Any Behavioral Health Treatment Need



## **Any Behavioral Health Treatment Need Rates**

Among Medicaid-Classic Adults, by County

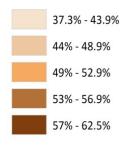
**MARCH 2017** 

## SFY 2016

#### INDICATOR

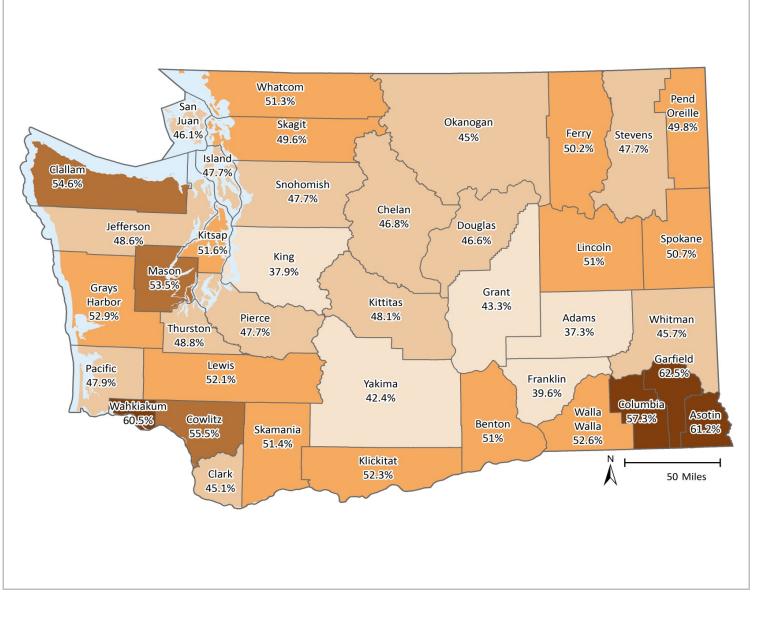
Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





## Behavioral Health Treatment Needs and Outcomes

**Spokane County** 

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## Any Behavioral Health Treatment Need

| 1      |   | ledicaid Population   | Expansion Adult Medicaid Population   |  |  |  |  |  |  |  |  |  |  |
|--------|---|---|---|--|--|--|--|--|--|--|--|--|--|
| t<br>d | SFY 2016 BY AGE<br>Any Behavioral Health Treatment Need   | TREND<br>Any Behavioral Health Treatment Need<br>AFFORDABLE CARE ACT  | SFY 2016 BY AGE<br>Any Behavioral Health Treatment Need   | TREND<br>Any Behavioral Health Treatment Need<br>AFFORDABLE CARE ACT   |  |  |  |  |  |  |  |  |  |
| e<br>2 | 45%         50%         46%           37%         1         1         1           Age         Age         Age         Age         Age           0-17         18-24         25-34         35-64         Total* | 100% IMPLEMENTATION<br>75% 5017<br>25% 5017<br>25% 5017<br>25% 5017<br>25% 7017<br>25% 7017<br>25% 7017<br>25% 7017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017<br>2017 | 41%         46%         42%           35%         41%         46%         42%           35%         1         1         1         1           Age         Age | 100% IMPLEMENTATION<br>75%<br>50%<br>25%<br>0%<br>0%<br>0%<br>0%<br>0%<br>0<br>5017<br>5017<br>507<br>507<br>507<br>507<br>507<br>507<br>507<br>507<br>507<br>50 |  |  |  |  |  |  |  |  |  |
|        | SFY 2016 BY RACE/ETHNICITY<br>Any Behavioral Health Treatment Need  | SFY 2016 BY GENDER<br>Any Behavioral Health Treatment Need  | SFY 2016 BY RACE/ETHNICITY<br>Any Behavioral Health Treatment Need  | SFY 2016 BY GENDER<br>Any Behavioral Health Treatment Need   |  |  |  |  |  |  |  |  |  |
| 1      | 47% 45%   | 49% 43%   | 47%   | 44% 41%  |  |  |  |  |  |  |  |  |  |
| d      | White Non- Any Minority<br>Hispanic   | Female Male   | White Non- Any Minority<br>Hispanic   | Female Male  |  |  |  |  |  |  |  |  |  |

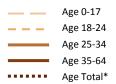
#### INDICATOR

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:



#### 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.

|   |      |      | S    | pokane | County                | opulatio                      |                        |      | rreatin | Was  | hington |      | edicaid P<br>dicaid Po | -                       |                         |      |  |  |  |  |  |  |  |
|---|------|------|------|--------|-----------------------|-------------------------------|------------------------|------|---------|------|---------|------|------------------------|-------------------------|-------------------------|------|--|--|--|--|--|--|--|
| STATE FISCAL YEAR   |      |      | 2242 |        |                       |                               | 2246                   | 2017 |         |      |         |      |                        | 2045                    | 204.6                   |      |  |  |  |  |  |  |  |
| Population by Age<br>Age 0-17 w/Any BH Tx Need            | 2010 | 2011 | 2012 | 2013   | 2014                  | 2015                          | 2016                   | 2017 | 2010    | 2011 | 2012    | 2013 | 2014                   | 2015                    | 2016                    | 2017 |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        |                       |                               |                        |      |         |      |         |      |                        |                         |                         |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        |                       |                               |                        |      |         |      |         |      |                        |                         |                         |      |  |  |  |  |  |  |  |
| Age 18-24 w/Any BH Tx Need                                |      |      |      |        | 26.9%                 | 33.4%                         | 36.9%                  |      |         |      |         |      | 25.3%                  | 21 60/                  | 34.8%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | <b>20.9%</b><br>1,487 |                               |                        |      |         |      |         |      | <b>25.3%</b><br>15,169 | <b>31.6%</b><br>32,694  |                         |      |  |  |  |  |  |  |  |
| · ·   |      |      |      |        |                       | 3,149                         | 4,154                  |      |         |      |         |      |                        |                         | 41,688                  |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 5,538                 | 9,433                         | 11,249                 |      |         |      |         |      | 59,852                 | 103,457                 | 119,804                 |      |  |  |  |  |  |  |  |
| Age 25-34 w/Any BH Tx Need<br>Persons w/Any BH Tx Need    |      |      |      |        | 32.0%                 | 41.4%                         | 45.0%                  |      |         |      |         |      | 29.2%                  | 37.7%                   | 41.3%                   |      |  |  |  |  |  |  |  |
| -   |      |      |      |        | 2,894                 | 6,603                         | 8,449                  |      |         |      |         |      | 29,942                 | 66,765                  | 84,634                  |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 9,037                 | 15,949                        | 18,783                 |      |         |      |         |      | 102,393                | 177,330                 | 204,738                 |      |  |  |  |  |  |  |  |
| Age 35-64 w/Any BH Tx Need                                |      |      |      |        | 34.2%                 | 46.1%                         | 50.1%                  |      |         |      |         |      | 30.1%                  | 41.5%                   | 45.8%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 5,288                 | 11,808                        | 14,242                 |      |         |      |         |      | 59,718                 | 131,579                 | 158,048                 |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 15,482                | 25,628                        | 28,450                 |      |         |      |         |      | 198,262                | 317,159                 | 345,171                 |      |  |  |  |  |  |  |  |
| Age Total <sup>†</sup> w/Any BH Tx Need                   |      |      |      |        | 32.2%                 | 42.3%                         | 45.9%                  |      |         |      |         |      | 29.1%                  | 38.6%                   | 42.5%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 9,669                 | 21,560                        | 26,845                 |      |         |      |         |      | 104,829                | 231,038                 | 284,370                 |      |  |  |  |  |  |  |  |
| Total persons Population by Race-Ethnicity                |      |      |      |        | 30,057                | 51,010                        | 58,482                 |      |         |      |         |      | 360,507                | 597,946                 | 669,713                 |      |  |  |  |  |  |  |  |
| Amer Indian w/Any BH Tx Need                              |      |      |      |        | 48.8%                 | 59.9%                         | 61.0%                  |      |         |      |         |      | 50.4%                  | 58.8%                   | 60.5%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | <b>40.07</b><br>777   | 1,744                         | 2,144                  |      |         |      |         |      | 8,459                  | 17,867                  | 21,353                  |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 1,593                 | 2,910                         | 3,513                  |      |         |      |         |      | 16,783                 | 30,399                  | 35,266                  |      |  |  |  |  |  |  |  |
| Asian w/Any BH Tx Need                                    |      |      |      |        | <b>17.6%</b>          | <b>2</b> ,910<br><b>24.5%</b> | 27.2%                  |      |         |      |         |      | <b>13.9%</b>           | <b>21.4%</b>            | <b>25.0%</b>            |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 187                   | <b>24.3</b> %                 | 490                    |      |         |      |         |      | 4,585                  | 10,380                  | <b>23.0%</b><br>12,979  |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 1,060                 | 1,616                         | 1,802                  |      |         |      |         |      | 32,924                 | 48,483                  | 51,833                  |      |  |  |  |  |  |  |  |
| Black w/Any BH Tx Need                                    |      |      |      |        |                       | <b>45.0%</b>                  |                        |      |         |      |         |      |                        | 48,485<br><b>38.3%</b>  |                         |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | <b>31.7%</b><br>412   | <b>45.0%</b><br>1,108         | <b>46.8%</b><br>1,375  |      |         |      |         |      | <b>27.5%</b><br>7,779  | <b>38.3%</b><br>18,791  | <b>41.1%</b><br>23,089  |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 1,298                 | 2,464                         | 2,940                  |      |         |      |         |      | 28,284                 | 49,017                  | 56,142                  |      |  |  |  |  |  |  |  |
| Hawaiian/PI w/Any BH Tx Need                              |      |      |      |        |                       | 2,464<br><b>26.2%</b>         | 2,940<br><b>29.2%</b>  |      |         |      |         |      |                        |                         | <b>29.3%</b>            |      |  |  |  |  |  |  |  |
| -   |      |      |      |        | <b>18.9%</b>          |                               | <b>29.2%</b><br>303    |      |         |      |         |      | <b>19.0%</b>           | 25.9%                   |                         |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 107<br>565            | 256<br>977                    |                        |      |         |      |         |      | 2,180                  | 5,292                   | 6,879                   |      |  |  |  |  |  |  |  |
| Total persons<br>Hispanic w/Any BH Tx Need                |      |      |      |        | 27.6%                 | 38.1%                         | 1,036<br><b>42.5%</b>  |      |         |      |         |      | 11,451<br><b>22.5%</b> | 20,416<br><b>31.8%</b>  | 23,467<br><b>36.3%</b>  |      |  |  |  |  |  |  |  |
|   |      |      |      |        | 529                   | 1,278                         |                        |      |         |      |         |      | 11,811                 | 26,899                  |                         |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need<br>Total persons                 |      |      |      |        |                       |                               | 1,721                  |      |         |      |         |      |                        | 26,899<br>84,681        | 35,103                  |      |  |  |  |  |  |  |  |
| White Only w/Any BH Tx Need                               |      |      |      |        | 1,917                 | 3,353                         | 4,051                  |      |         |      |         |      | 52,399                 |                         | 96,834                  |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | <b>33.0%</b><br>7,727 | <b>43.1%</b><br>16,940        | <b>47.0%</b><br>20,989 |      |         |      |         |      | <b>33.1%</b><br>71,668 | <b>42.9%</b><br>154,974 | <b>46.8%</b><br>188,282 |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        |                       |                               |                        |      |         |      |         |      |                        |                         |                         |      |  |  |  |  |  |  |  |
| •   |      |      |      |        | 23,439                | 39,314<br><b>42.0%</b>        | 44,652<br><b>44.7%</b> |      |         |      |         |      | 216,846<br><b>24%</b>  | 361,260<br><b>33%</b>   | 402,225<br><b>37%</b>   |      |  |  |  |  |  |  |  |
| Any Minority w/Any BH Tx Need<br>Persons w/Any BH Tx Need |      |      |      |        | <b>31.3%</b><br>1,828 | <b>42.0%</b><br>4,287         | <b>44.7%</b><br>5,364  |      |         |      |         |      | <b>24%</b><br>31,339   | <b>33%</b><br>71,097    | <b>37%</b><br>88,980    |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 1,828<br>5,841        | 4,287                         | 5,364<br>12,003        |      |         |      |         |      | 130,167                | 212,403                 | 239,488                 |      |  |  |  |  |  |  |  |
| Population by Gender                                      |      |      |      |        | 5,641                 | 10,214                        | 12,005                 |      |         |      |         |      | 150,107                | 212,403                 | 239,400                 |      |  |  |  |  |  |  |  |
| Females w/Any BH Tx Need                                  |      |      |      |        | 32.9%                 | 43.8%                         | 48.7%                  |      |         |      |         |      | 29.4%                  | 39.8%                   | 44.4%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 4,783                 | 10,602                        | 13,451                 |      |         |      |         |      | 52,649                 | 116,264                 | 145,699                 |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 14,554                | 24,194                        | 27,642                 |      |         |      |         |      | 179,152                | 292,424                 | 328,130                 |      |  |  |  |  |  |  |  |
| Males w/Any BH Tx Need                                    |      |      |      |        | <b>31.5%</b>          | 40.9%                         | 43.4%                  |      |         |      |         |      | 28.8%                  | 37.6%                   | 40.6%                   |      |  |  |  |  |  |  |  |
| Persons w/Any BH Tx Need                                  |      |      |      |        | 4,886                 | 10,958                        | 13,394                 |      |         |      |         |      | 52,180                 | 114,774                 | 138,671                 |      |  |  |  |  |  |  |  |
| Total persons   |      |      |      |        | 15,503                | 26,816                        | 30,840                 |      |         |      |         |      | 181,355                | 305,522                 | 341,583                 |      |  |  |  |  |  |  |  |
|   |      |      |      |        | 15,503                | 20,010                        | 50,040                 | 1    |         |      |         |      | 101,333                | 303,322                 | 341,303                 |      |  |  |  |  |  |  |  |

## SUPPORTING TABLES | Any Behavioral Health Treatment Need



## **Any Behavioral Health Treatment Need Rates**

Among Medicaid-Expansion Adults, by County

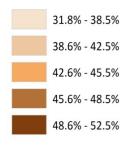
**MARCH 2017** 

## SFY 2016

#### INDICATOR

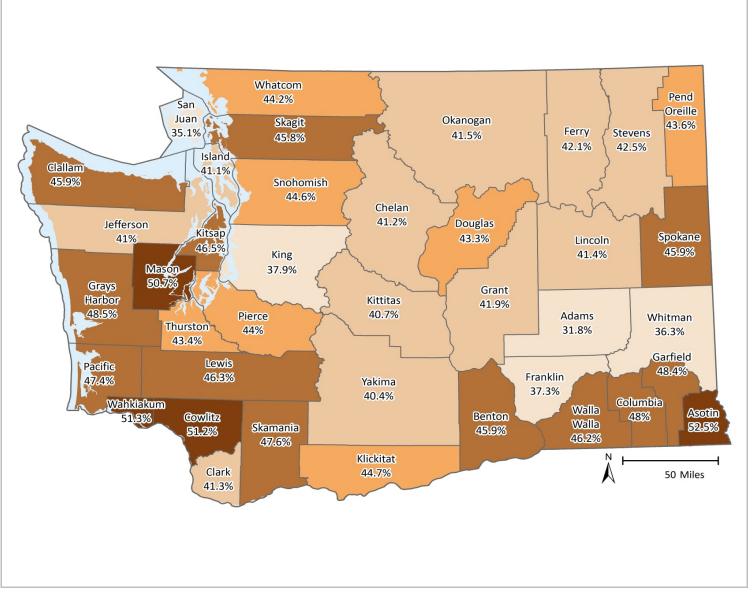
Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





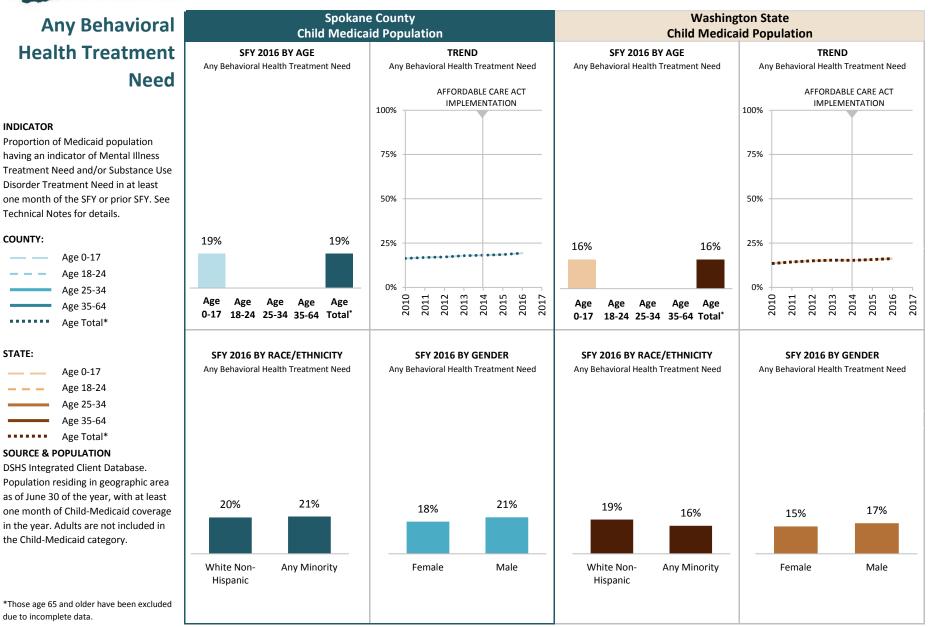
STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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|   |              | 206          |              |              |              | ny sena      | n Treatment Need       |                                      |              |              |                         |              |                       |              |                        |      |
|---|--------------|--------------|--------------|--------------|--------------|--------------|------------------------|--------------------------------------|--------------|--------------|-------------------------|--------------|-----------------------|--------------|------------------------|------|
|   |              |              |              | Spokane      |              |              |                        | Washington State Medicaid Population |              |              |                         |              |                       |              |                        |      |
|   |              |              | Child        | Medicai      | d Popula     | tion         |                        |                                      |              |              | Child                   | Medicai      | d Populat             | tion         |                        |      |
| STATE FISCAL YEAR                       |              |              |              |              |              |              |                        |                                      |              |              |                         |              |                       |              |                        |      |
| Population by Age                       | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016                   | 2017                                 | 2010         | 2011         | 2012                    | 2013         | 2014                  | 2015         | 2016                   | 2017 |
| Age 0-17 w/Any BH Tx Need               | 16.3%        | 16.9%        | 17.2%        | 17.9%        | 18.1%        | 18.5%        | 19.3%                  |                                      | 13.4%        | 14.4%        | 15.0%                   | 15.4%        | 15.2%                 | 15.7%        | 16.3%                  |      |
| Persons w/Any BH Tx Need                | 7,962        | 8,702        | 8,990        | 9,514        | 10,069       | 10,617       | 11,702                 |                                      | 83,673       | 94,115       | 100,200                 | 104,001      | 108,081               | 114,930      | 124,496                |      |
| Total persons                           | 48,797       | 51,427       | 52,264       | 53,094       | 55,484       | 57,268       | 60,490                 |                                      | 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 Total <sup>†</sup> w/Any BH Tx Need | 16.3%        | 16.9%        | 17.2%        | 17.9%        | 18.1%        | 18.5%        | 19.3%                  |                                      | 13.4%        | 14.4%        | 15.0%                   | 15.4%        | 15.2%                 | 15.7%        | 16.3%                  |      |
| Persons w/Any BH Tx Need                | 7,962        | 8,702        | 8,990        | 9,514        | 10,069       | 10,617       | 11,702                 |                                      | 83,673       | 94,115       | 100,200                 | 104,001      | 108,081               | 114,930      | 124,496                |      |
| Total persons                           | 48,797       | 51,427       | 52,264       | 53,094       | 55,484       | 57,268       | 60,490                 |                                      | 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            | 25.3%        | 24.9%        | 25.8%        | 26.4%        | 27.2%        | 27.8%        | 29.5%                  |                                      | 26.7%        | 27.2%        | 27.8%                   | 28.4%        | 28.4%                 | 28.7%        | 29.0%                  |      |
| Persons w/Any BH Tx Need                | 1,015        | 1,032        | 1,066        | 1,112        | 1,144        | 1,139        | 1,206                  |                                      | 10,825       | 11,217       | 11,512                  | 11,763       | 11,740                | 11,770       | 11,876                 |      |
| Total persons                           | 4,014        | 4,137        | 4,127        | 4,217        | 4,202        | 4,099        | 4,087                  |                                      | 40,515       | 41,202       | 41,376                  | 41,439       | 41,319                | 41,049       | 40,882                 |      |
| Asian w/Any BH Tx Need                  | 10.3%        | 11.3%        | 12.0%        | 12.1%        | 12.4%        | 13.5%        | 14.0%                  |                                      | 8.8%         | 9.8%         | 10.7%                   | 11.1%        | 10.9%                 | 11.5%        | 12.2%                  |      |
| Persons w/Any BH Tx Need                | 155          | 180          | 198          | 209          | 225          | 245          | 249                    |                                      | 3,150        | 3,761        | 4,265                   | 4,531        | 4,831                 | 5,237        | 5,607                  |      |
| Total persons                           | 1,500        | 1,595        | 1,645        | 1,732        | 1,821        | 1,811        | 1,784                  |                                      | 35,864       | 38,273       | 39,702                  | 40,717       | 44,296                | 45,512       | 46,040                 |      |
| Black w/Any BH Tx Need                  | 20.5%        | 21.2%        | 21.0%        | 21.9%        | 21.4%        | 23.0%        | 23.8%                  |                                      | 16.2%        | 17.5%        | 18.0%                   | 18.2%        | 18.2%                 | 18.6%        | 19.1%                  |      |
| Persons w/Any BH Tx Need                | 746          | 801          | 843          | 900          | 911          | 1,000        | 1,078                  |                                      | 10,379       | 11,671       | 12,336                  | 12,789       | 13,190                | 13,742       | 14,458                 |      |
| Total persons                           | 3,632        | 3,783        | 4,016        | 4,108        | 4,262        | 4,351        | 4,537                  |                                      | 64,150       | 66,662       | 68,598                  | 70,134       | 72,601                | 74,010       | 75,736                 |      |
| Hawaiian/PI w/Any BH Tx Need            | 8.7%         | 8.3%         | 8.6%         | 8.1%         | 8.9%         | 9.8%         | 10.3%                  |                                      | 9.2%         | 10.2%        | 11.0%                   | 11.4%        | 11.6%                 | 11.7%        | 11.9%                  |      |
| Persons w/Any BH Tx Need                | 93           | 117          | 134          | 135          | 160          | 194          | 216                    |                                      | 2,199        | 2,676        | 3,089                   | 3,333        | 3,566                 | 3,822        | 4,105                  |      |
| Total persons                           | 1,063        | 1,403        | 1,560        | 1,667        | 1,799        | 1,971        | 2,092                  |                                      | 23,961       | 26,357       | 27,977                  | 29,142       | 30,854                | 32,649       | 34,547                 |      |
| Hispanic w/Any BH Tx Need               | 15.0%        | 15.9%        | 17.2%        | 18.2%        | 18.2%        | 18.7%        | 20.4%                  |                                      | 10.1%        | 11.5%        | 12.5%                   | 13.0%        | 13.3%                 | 14.0%        | 14.9%                  |      |
| Persons w/Any BH Tx Need                | 643          | 727          | 820          | 907          | 980          | 1,081        | 1,228                  |                                      | 19,049       | 22,863       | 25,566                  | 27,156       | 28,691                | 31,152       | 34,104                 |      |
| Total persons                           | 4,289        | 4,561        | 4,761        | 4,975        | 5,383        | 5,773        | 6,022                  |                                      | 189,491      | 198,644      | 204,066                 | 208,176      | 215,914               | 221,917      | 229,009                |      |
| White Only w/Any BH Tx Need             | 16.5%        | 17.3%        | 17.6%        | <b>18.4%</b> | <b>18.8%</b> | <b>19.3%</b> | 20.5%                  |                                      | <b>16.5%</b> | <b>17.3%</b> | <b>17.8%</b>            | <b>18.3%</b> | <b>17.9%</b>          | <b>18.5%</b> | <b>19.3%</b>           |      |
| Persons w/Any BH Tx Need                | 5,646        | 6,160        | 6,288        | 6,617        | 6,994        | 7,320        | 8,031                  |                                      | 43,255       | 47,356       | 49,303                  | 50,706       | 52,492                | 55,528       | <b>19.3%</b><br>59,503 |      |
| Total persons                           | 34,215       | 35,587       | 35,713       | 35,874       | 37,268       | 37,908       | 39,188                 |                                      | 262,296      | 273,199      | 276,905                 | 277,210      | 292,559               | 299,987      | 307,557                |      |
| Any Minority w/Any BH Tx Need           | 17.9%        | <b>18.3%</b> | <b>18.7%</b> | <b>19.3%</b> | 19.3%        | <b>19.9%</b> | <b>21.0%</b>           |                                      | 12%          | 14%          | 278,903<br><b>14%</b>   | <b>15%</b>   | 292,339<br><b>15%</b> | 15%          | <b>16%</b>             |      |
| Persons w/Any BH Tx Need                |              |              |              |              |              |              |                        |                                      |              |              |                         |              |                       |              |                        |      |
| · ·                                     | 2,235        | 2,440        | 2,601        | 2,776        | 2,919        | 3,116        | 3,394                  |                                      | 39,232       | 44,949       | 48,859                  | 51,215       | 53,301                | 56,638       | 60,909                 |      |
| Total persons<br>Population by Gender   | 12,499       | 13,360       | 13,913       | 14,418       | 15,118       | 15,650       | 16,161                 |                                      | 317,712      | 332,784      | 341,709                 | 348,713      | 363,042               | 372,845      | 383,534                |      |
| Females w/Any BH Tx Need                | 14.7%        | 15.3%        | 15.5%        | 16.3%        | 16.6%        | 17.3%        | 18.1%                  |                                      | 12.1%        | 12.9%        | 13.5%                   | 13.9%        | 14.0%                 | 14.6%        | 15.4%                  |      |
| Persons w/Any BH Tx Need                | 3,530        | 3,861        | 3,972        | 4,229        | 4,501        | 4,844        | 5,350                  |                                      | 37,086       | 41,769       | 44,419                  | 46,375       | 48,733                | 52,676       | 57,970                 |      |
| Total persons                           | 24,048       | 25,226       | 25,595       | 25,888       | 27,127       | 27,942       | 29,545                 |                                      | 307,470      | 322,864      | 329,266                 | 332,856      | 48,733<br>349,317     | 361,062      | 376,667                |      |
| Males w/Any BH Tx Need                  |              |              |              |              | 19.6%        | 19.7%        | 29,545<br><b>20.5%</b> |                                      |              | 15.8%        | 329,200<br><b>16.5%</b> | 16.8%        | <b>16.5%</b>          | <b>16.7%</b> | <b>17.1%</b>           |      |
| -                                       | <b>17.9%</b> | 18.5%        | <b>18.8%</b> | <b>19.4%</b> |              |              |                        |                                      | 14.8%        |              |                         |              |                       |              |                        |      |
| Persons w/Any BH Tx Need                | 4,432        | 4,841        | 5,018        | 5,285        | 5,568        | 5,773        | 6,352                  |                                      | 46,587       | 52,346       | 55,781                  | 57,626       | 59,348                | 62,254       | 66,526                 |      |
| Total persons                           | 24,749       | 26,201       | 26,669       | 27,206       | 28,357       | 29,326       | 30,945                 |                                      | 314,940      | 331,406      | 338,610                 | 342,993      | 359,929               | 372,207      | 388,323                |      |
|   |              |              |              |              |              |              |                        |                                      |              |              |                         |              |                       |              |                        |      |

## SUPPORTING TABLES | Any Behavioral Health Treatment Need



## **Any Behavioral Health Treatment Need Rates**

Among Medicaid-Children, by County

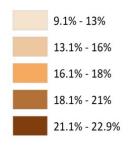
**MARCH 2017** 

## SFY 2016

#### INDICATOR

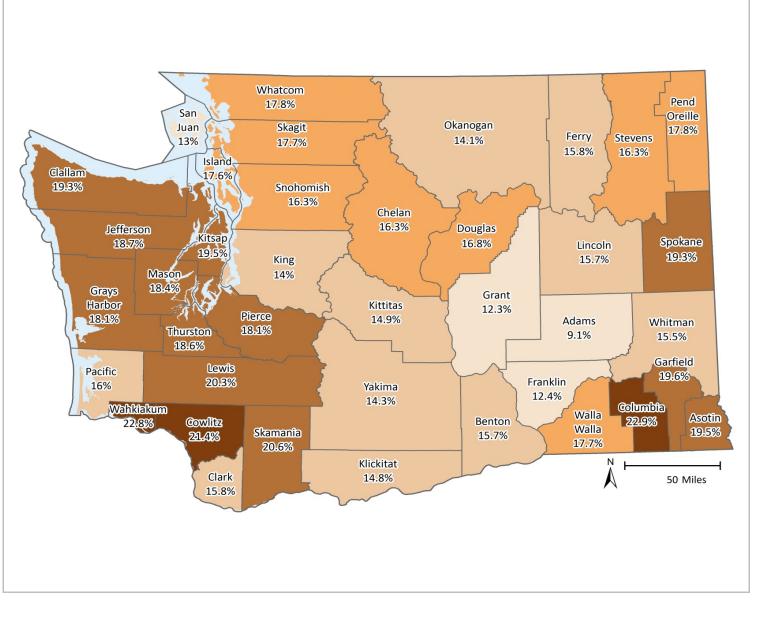
Proportion of Medicaid population having an indicator of Mental Illness Tx Need and/or Substance Use Disorder Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





## Behavioral Health Treatment Needs and Outcomes

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## Mental Illness Treatment Need

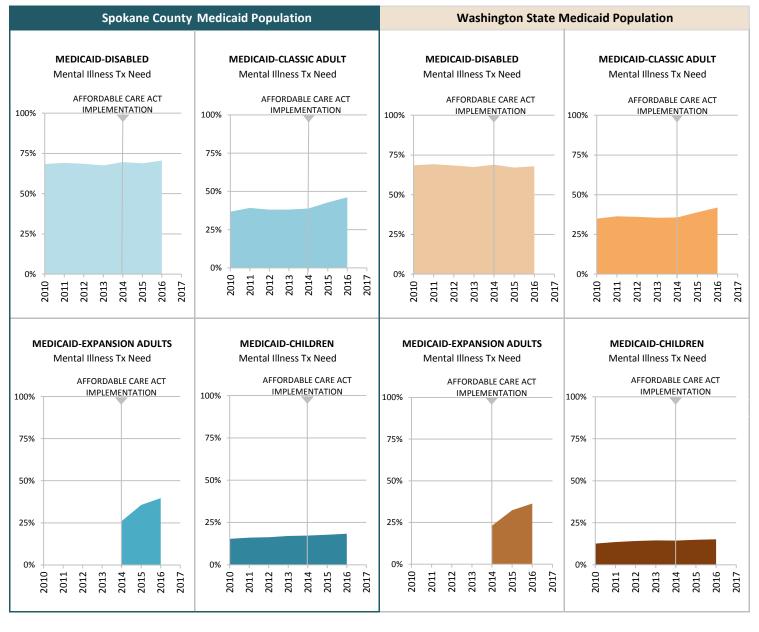
#### INDICATOR

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.



#### 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 subpopulations 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.



|                            |        | S      | pokane | County I | Medicaic | l Populat | tion   |      | Wa      | shington | State M | edicaid P | opulatio | ation   |         |      |  |  |  |  |  |
|----------------------------|--------|--------|--------|----------|----------|-----------|--------|------|---------|----------|---------|-----------|----------|---------|---------|------|--|--|--|--|--|
| STATE FISCAL YEAR          |        |        |        |          |          |           |        |      |         |          |         |           |          |         |         |      |  |  |  |  |  |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013     | 2014     | 2015      | 2016   | 2017 | 2010    | 2011     | 2012    | 2013      | 2014     | 2015    | 2016    | 2017 |  |  |  |  |  |
| Medicaid-Disabled          | 68.4%  | 69.1%  | 68.6%  | 67.6%    | 69.6%    | 68.8%     | 70.6%  |      | 68.5%   | 69.2%    | 68.4%   | 67.4%     | 68.9%    | 67.1%   | 67.9%   |      |  |  |  |  |  |
| Persons w/MI Tx Need       | 7,949  | 8,219  | 8,760  | 9,188    | 9,201    | 6,969     | 7,174  |      | 85,589  | 88,946   | 91,849  | 94,705    | 91,421   | 68,754  | 68,780  |      |  |  |  |  |  |
| Total persons              | 11,613 | 11,888 | 12,774 | 13,601   | 13,216   | 10,123    | 10,166 |      | 124,883 | 128,515  | 134,310 | 140,423   | 132,693  | 102,517 | 101,262 |      |  |  |  |  |  |
| Medicaid-Classic Adults    | 36.7%  | 39.2%  | 38.0%  | 38.1%    | 38.8%    | 42.8%     | 46.1%  |      | 34.9%   | 36.4%    | 36.1%   | 35.5%     | 35.7%    | 38.9%   | 41.9%   |      |  |  |  |  |  |
| Persons w/MI Tx Need       | 6,797  | 7,553  | 7,224  | 7,090    | 7,628    | 8,371     | 8,637  |      | 65,335  | 71,535   | 70,502  | 68,254    | 74,695   | 82,904  | 84,993  |      |  |  |  |  |  |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620   | 19,682   | 19,580    | 18,737 |      | 187,116 | 196,466  | 195,423 | 192,285   | 209,200  | 212,897 | 202,682 |      |  |  |  |  |  |
| Medicaid-Expansion Adults  |        |        |        |          | 26.0%    | 35.6%     | 39.7%  |      |         |          |         |           | 23.1%    | 32.3%   | 36.4%   |      |  |  |  |  |  |
| Persons w/MI Tx Need       |        |        |        |          | 7,829    | 18,175    | 23,198 |      |         |          |         |           | 83,208   | 193,369 | 243,541 |      |  |  |  |  |  |
| Total persons              |        |        |        |          | 30,057   | 51,010    | 58,482 |      |         |          |         |           | 360,507  | 597,946 | 669,713 |      |  |  |  |  |  |
| Medicaid-Children          | 15.3%  | 16.0%  | 16.3%  | 17.0%    | 17.3%    | 17.8%     | 18.4%  |      | 12.6%   | 13.6%    | 14.2%   | 14.5%     | 14.4%    | 14.9%   | 15.2%   |      |  |  |  |  |  |
| Persons w/MI Tx Need       | 7,485  | 8,254  | 8,512  | 9,045    | 9,584    | 10,167    | 11,100 |      | 78,597  | 88,718   | 94,619  | 98,214    | 102,221  | 109,243 | 116,055 |      |  |  |  |  |  |
| Total persons              | 48,797 | 51,427 | 52,264 | 53,094   | 55,484   | 57,268    | 60,490 |      | 622,410 | 654,270  | 667,876 | 675,849   | 709,246  | 733,269 | 764,990 |      |  |  |  |  |  |

### SUPPORTING TABLES | Mental Illness Treatment Need

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.



COUNTY:

......

.....

children.

STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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#### **Spokane County** Washington State Medicaid Population **Mental Illness Disabled Medicaid Population Disabled Medicaid Population Treatment Need** SFY 2016 BY AGE TREND SFY 2016 BY AGE TREND Mental Illness Treatment Need Mental Illness Treatment Need Mental Illness Treatment Need Mental Illness Treatment Need AFFORDABLE CARE ACT AFFORDABLE CARE ACT IMPLEMENTATION IMPLEMENTATION 100% 100% INDICATOR 76% Proportion of Medicaid population 75% 72% 71% 68% 68% having at least one indicator of Mental 75% 75% 64% ............ 59% Illness Treatment Need in at least one 56% 52% month of the SFY or prior SFY. See Technical Notes for details. 50% 50% 25% 25% Age 0-17 Age 18-24 0% 0% Age 25-34 2010 2010 2011 2012 2013 2014 2015 2016 2017 2011 2012 2013 2014 2015 2016 2017 Age 35-64 0-17 18-24 25-34 35-64 Total\* 0-17 18-24 25-34 35-64 Total\* Age Total\* SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER Mental Illness Treatment Need Mental Illness Treatment Need Mental Illness Treatment Need Mental Illness Treatment Need Age 0-17 Age 18-24 Age 25-34 76% 74% 72% 71% 69% Age 35-64 66% 65% 63% 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 White Non-Any Minority Female Male White Non-Any Minority Female Male Hispanic Hispanic \*Those age 65 and older have been excluded due to incomplete data.

|        |  | SUPPO   | RTING  | TABLES  | Men  | tal Illne   | ss Trea   | atment  | Need   |  |  |   |  |              |   |  |   |
|--------|--|---|--|---|--|---|---|---|--|--|--|---|--|--------------|---|--|---|
|        |  |   |  |   |  |   |   |   |  | V  | Vashingt   | on State  |  |              |   |  |   |
|        |  |   |  |   | lation   |   |   | Disabled Medicaid Population  |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  | -   |  |              |   |  |   |
| 2010   | 2011   | 2012  | 2013   |   | 2015   | 2016  | 2017  | 2010  | 2011   |  | 2013   | 2014  | 2015   |              | 2017  |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        | 951  | 998   | 1,014  | 1,041   |  | 1,177   |   | 7,574   | 8,025  | 8,442  | 8,813  | 8,896   | 9,186  | 9,806        |   |  |   |
| 1,794  | 1,851  | 1,922   | 1,967  | 1,973   | 1,966  | 2,010   |   | 16,781  | 17,300   | 17,984   | 18,543   | 18,499  | 18,398   | 18,838       |   |  |   |
| 63.6%  | 64.8%  | 63.4%   | 60.1%  | 62.0%   | 62.1%  | 63.8%   |   | 59.9%   | 60.4%  | 59.4%  | 58.7%  | 58.9%   | 55.7%  | 56.3%        |   |  |   |
| 755    | 769  | 784   | 774  | 753   | 620  | 627   |   | 7,445   | 7,558  | 7,455  | 7,482  | 6,992   | 5,450  | 5,421        |   |  |   |
| 1,188  | 1,187  | 1,236   | 1,287  | 1,214   | 999  | 982   |   | 12,428  | 12,515   | 12,560   | 12,748   | 11,876  | 9,790  | 9,630        |   |  |   |
| 72.9%  | 75.0%  | 74.5%   | 73.0%  | 73.4%   | 69.8%  | 71.7%   |   | 73.0%   | 73.6%  | 72.5%  | 71.4%  | 71.5%   | 66.9%  | 67.9%        |   |  |   |
| 1,195  | 1,266  | 1,361   | 1,438  | 1,417   | 970  | 1,008   |   | 12,368  | 12,873   | 13,297   | 13,823   | 13,168  | 9,120  | 9,250        |   |  |   |
| 1,640  | 1,689  | 1,828   | 1,969  | 1,930   | 1,389  | 1,405   |   | 16,942  | 17,492   | 18,352   | 19,368   | 18,422  | 13,637   | 13,622       |   |  |   |
| 73.2%  | 73.1%  | 72.1%   | 71.2%  | 74.0%   | 74.5%  | 75.6%   |   | 73.9%   | 74.5%  | 73.4%  | 72.0%  | 74.3%   | 74.1%  | 74.9%        |   |  |   |
| 5,116  | 5,233  | 5,617   | 5,962  | 5,990   | 4,300  | 4,362   |   | 58,202  | 60,490   | 62,655   | 64,587   | 62,365  | 44,998   | 44,303       |   |  |   |
| 6,991  | 7,161  | 7,788   | 8,378  | 8,099   | 5,769  | 5,769   |   | 78,732  | 81,208   | 85,414   | 89,764   | 83,896  | 60,692   | 59,172       |   |  |   |
| 68.4%  | 69.1%  | 68.6%   | 67.6%  | 69.6%   | 68.8%  | 70.6%   |   | 68.5%   | 69.2%  | 68.4%  | 67.4%  | 68.9%   | 67.1%  | 67.9%        |   |  |   |
| 7,949  | 8,219  | 8,760   | 9,188  | 9,201   | 6,969  | 7,174   |   | 85,589  | 88,946   | 91,849   | 94,705   | 91,421  | 68,754   | 68,780       |   |  |   |
| 11,613 | 11,888   | 12,774  | 13,601   | 13,216  | 10,123   | 10,166  |   | 124,883   | 128,515  | 134,310  | 140,423  | 132,693   | 102,517  | 101,262      |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
| 70.3%  | 73.5%  | 73.1%   | 73.1%  | 73.9%   | 73.2%  | 74.7%   |   | 74.7%   | 76.2%  | 75.0%  | 74.1%  | 75.2%   | 74.4%  | 74.3%        |   |  |   |
| 926    | 989  | 1,057   | 1,086  | 1,092   | 856  | 861   |   | 9,456   | 9,902  | 10,080   | 10,362   | 9,972   | 7,743  | 7,510        |   |  |   |
| 1,318  | 1,345  | 1,446   | 1,485  | 1,477   | 1,169  | 1,153   |   | 12,656  | 12,987   | 13,443   | 13,990   | 13,263  | 10,410   | 10,105       |   |  |   |
| 63.3%  | 61.7%  | 61.9%   | 58.8%  | 58.7%   | 56.9%  | 64.0%   |   | 60.8%   | <b>62.0%</b>   | 62.1%  | 61.0%  | 62.2%   | 62.1%  | <b>62.1%</b> |   |  |   |
| 140    | 137  | 156   | 161  | 165   | 123  | 135   |   | 3,748   | 3,922  | 3,996  | 4,124  | 3,982   | 3,136  | 3,096        |   |  |   |
| 221    | 222  | 252   | 274  | 281   | 216  | 211   |   | 6,163   | 6,321  | 6,430  | 6,757  | 6,406   | 5,052  | 4,987        |   |  |   |
| 64.7%  | 66.1%  | 65.5%   | 65.2%  | 68.2%   | 66.6%  | 68.7%   |   | 68.0%   | 69.0%  | 68.5%  | 67.8%  | 68.6%   | 66.1%  | 67.4%        |   |  |   |
| 489    | 540  | 584   | 636  | 682   | 546  | 572   |   | 10,692  | 11,405   | 12,084   | 12,609   | 12,357  | 9,453  | 9,644        |   |  |   |
| 756    | 817  | 891   | 975  | 1,000   | 820  | 833   |   | 15,723  | 16,528   | 17,644   | 18,598   | 18,024  | 14,300   | 14,301       |   |  |   |
| 57.5%  | 56.8%  | 56.9%   | 54.3%  | 60.8%   | 55.3%  | 57.1%   |   | 57.4%   | 59.0%  | 59.1%  | 59.0%  | 59.5%   | 57.8%  | 60.0%        |   |  |   |
| 73     | 79   | 87  | 94   | 107   | 83   | 92  |   | 1,536   | 1,715  | 1,794  | 1,935  | 1,928   | 1,507  | 1,564        |   |  |   |
| 127    | 139  | 153   | 173  | 176   | 150  | 161   |   | 2,678   | 2,909  | 3,037  | 3,282  | 3,243   | 2,606  | 2,606        |   |  |   |
| 62.2%  | 64.9%  | 63.7%   | 63.5%  | 66.2%   | 63.8%  | 67.8%   |   | 55.5%   | 57.0%  | 57.1%  | 56.8%  | 58.2%   | 56.4%  | 58.9%        |   |  |   |
| 319    | 366  | 395   | 411  | 398   | 328  | 374   |   | 6,632   | 7,330  | 7,950  | 8,430  | 8,384   | 6,833  | 7,196        |   |  |   |
| 513    | 564  | 620   | 647  | 601   |  | 552   |   |   |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        | 366  |   | 411  | 398   |  | 374   |   |   |  |  |  |   |  |              |   |  |   |
|        | 8.988  |   | 10.245   | 9.880   |  | 7.426   |   |   |  |  |  |   |  |              |   |  |   |
| ,      | ,  |   |  | ,   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  | ,   |   |   |  |  |  |   |  |              |   |  |   |
| 2,011  | 2,700  | 5,007   | 5)17 1   | 5,151   | 2,010  | 2,571   |   | 1,000   | 10,000   | 13)132   | 51,7 10  | 10,012  | 55,7 10  | 55)117       |   |  |   |
| 73.5%  | 74.4%  | 73.8%   | 73.2%  | 75.0%   | 74.1%  | 75.7%   |   | 73.4%   | 74.0%  | 73.5%  | 72.8%  | 74.3%   | 72.9%  | 73.5%        |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        |  |   |  |   |  |   |   |   |  |  |  |   |  |              |   |  |   |
|        | 2  |   |  | 2   |  | 30.273  |   |   |  | 20.070   |  | /0  |  |              |   |  |   |
| 3,806  | 3,902  | 4,218   | 4,438  | 4,551   | 3,399  | 3,567   |   | 40,376  | 42,128   | 43,763   | 45,522   | 44,295  | 32,672   | 33,224       |   |  |   |
|        | 49.2%<br>883<br>1,794<br>63.6%<br>755<br>1,188<br>72.9%<br>1,195<br>1,640<br>73.2%<br>5,116<br>6,991<br>68.4%<br>7,949<br>11,613<br>70.3%<br>926<br>1,318<br>63.3%<br>140<br>221<br>64.7%<br>489<br>756<br>57.5%<br>73<br>127<br>62.2% | 49.2%         51.4%           883         951           1,794         1,851           63.6%         64.8%           755         769           1,188         1,187           72.9%         75.0%           1,195         1,266           1,640         1,689           73.2%         73.1%           5,116         5,233           6,991         7,161           68.4%         69.1%           7,949         8,219           11,613         1,388           63.3%         61.7%           926         989           1,318         1,345           63.3%         61.7%           140         137           221         222           64.7%         66.1%           489         540           756         817           57.5%         56.8%           73         79           127         139           62.2%         64.9%           319         366           513         564           69.6%         8,988      66.3%         68.4% | 2010         2011         2012           49.2%         51.4%         51.9%           883         951         998           1,794         1,851         1,922           63.6%         64.8%         63.4%           755         769         784           1,188         1,187         1,236           72.9%         75.0%         74.5%           1,195         1,266         1,361           1,640         1,689         1,828           73.2%         73.1%         72.1%           5,116         5,233         5,617           6,991         7,161         7,788           68.4%         69.1%         68.6%           7,949         8,219         8,760           11,613         1,388         1,2774           926         989         1,057           1,318         1,345         1,446           63.3%         61.7%         61.9%           1,318         1,345         1,446           63.3%         61.7%         65.5%           489         540         584           756         817         891           57.5%         56.8% | 2010         2011         2012         2013           49.2%         51.4%         51.9%         51.6%           883         951         998         1,014           1,794         1,851         1,922         1,967           63.6%         64.8%         63.4%         60.1%           755         769         784         774           1,188         1,187         1,236         1,287           72.9%         75.0%         74.5%         73.0%           1,195         1,266         1,361         1,438           1,640         1,689         1,828         1,969           73.2%         73.1%         72.1%         71.2%           5,116         5,233         5,617         5,962           6,991         7,161         7,788         8,378           68.4%         69.1%         68.6%         67.6%           7,949         8,219         8,760         9,188           11,613         1,88         12,774         13,601           1,318         1,345         1,466         1,485           63.3%         61.7%         61.9%         58.8%           140         137 <td< td=""><td>Z010         2011         2012         2013         2014           49.2%         51.4%         51.9%         51.6%         52.8%           883         951         998         1,014         1,041           1,794         1,851         1,922         1,967         1,973           63.6%         64.8%         63.4%         60.1%         62.0%           755         769         784         774         753           1,188         1,187         1,236         1,287         1,214           72.9%         75.0%         74.5%         73.0%         73.4%           1,195         1,266         1,361         1,438         1,417           1,640         1,689         1,828         1,969         1,930           73.2%         73.1%         72.1%         71.2%         74.0%           5,116         5,233         5,617         5,962         5,990           6,991         7,161         7,788         8,378         8,099           68.4%         69.1%         68.6%         67.6%         69.6%           7,949         8,219         8,760         9,188         9,201           1,1,613         11,888<td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%           883         951         998         1,014         1,071         1,979           1,794         1,851         1,922         1,967         1,973         1,966           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%           755         769         784         774         753         620           1,188         1,187         1,236         1,287         1,214         999           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%           1,195         1,266         1,361         1,438         1,417         970           1,640         1,689         1,828         1,969         1,930         1,389           73.2%         73.1%         72.1%         71.2%         74.0%         4.696           6.91%         68.6%         67.6%         69.6%         68.8%           79.49         8,219         8,760         9,188         9,201&lt;</td><td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1,014         1,071         1,773         1,966         2,010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1,188         1,187         1,236         1,287         1,214         999         982           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%           1,195         1,266         1,361         1,438         1,417         970         1,008           1,640         1,689         1,828         1,969         1,930         1,339         1,405           5,116         5,233         5,617         5,962         5,990         4,300         4,362           6,991         7,161         7,788         8,378         8,099         5,769         5,7</td><td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1.014         1.079         1.177           1.794         1.851         1.922         1.967         1.973         1.966         2.010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1.188         1.187         1.236         1.287         1.214         999         982           72.9%         75.0%         74.5%         73.0%         74.4%         69.8%         71.7%           1.195         1.266         1.361         1.438         1.417         970         1.008           1.640         1.689         1.828         1.969         1.930         1.389         1.405           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%      <t< td=""><td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2010         15.71           1.171         1.981         1.922         1.967         1.973         1.966         2.010         15.781           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%           755         769         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%           1.188         1.187         1.236         1.287         1.214         939         9.018         1.389         1.405         1.642           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%         73.9%           5.116         5.233         5.617         5.962         5.990         4.300         4.362         58.202           6.991</td><td>2010         2011         2012         2013         2014         2015         2016         2017         2010         2011           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         45.1%         46.4%           883         951         998         1.014         1.079         1.177         7.574         80.25           1.794         1.851         1.922         1.967         1.973         1.966         2.010         15.781         17.300           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%         60.4%           755         769         784         774         753         620         627         7.448         7.351           71.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%         73.6%           1,195         1,266         1,361         1,438         1,417         970         1.008         12,388         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,248         1,2488         1,2388</td></t<><td>Spokane County<br/>Disabled Medicaid Population         V         Disable           2010         2011         2012         2013         2014         2015         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2012         2010         2011         2012         2014         2014<td>Spokane County<br/>Disabled Medicaid Population         Washingty<br/>Disabled Medicaid Population           2010         2011         2016         2010         2010         2010         2016         2010         2012         2010         2010         2010         2010         2010         2010         2010         <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td></th></td></td></td></td></td<> | Z010         2011         2012         2013         2014           49.2%         51.4%         51.9%         51.6%         52.8%           883         951         998         1,014         1,041           1,794         1,851         1,922         1,967         1,973           63.6%         64.8%         63.4%         60.1%         62.0%           755         769         784         774         753           1,188         1,187         1,236         1,287         1,214           72.9%         75.0%         74.5%         73.0%         73.4%           1,195         1,266         1,361         1,438         1,417           1,640         1,689         1,828         1,969         1,930           73.2%         73.1%         72.1%         71.2%         74.0%           5,116         5,233         5,617         5,962         5,990           6,991         7,161         7,788         8,378         8,099           68.4%         69.1%         68.6%         67.6%         69.6%           7,949         8,219         8,760         9,188         9,201           1,1,613         11,888 <td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%           883         951         998         1,014         1,071         1,979           1,794         1,851         1,922         1,967         1,973         1,966           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%           755         769         784         774         753         620           1,188         1,187         1,236         1,287         1,214         999           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%           1,195         1,266         1,361         1,438         1,417         970           1,640         1,689         1,828         1,969         1,930         1,389           73.2%         73.1%         72.1%         71.2%         74.0%         4.696           6.91%         68.6%         67.6%         69.6%         68.8%           79.49         8,219         8,760         9,188         9,201&lt;</td> <td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1,014         1,071         1,773         1,966         2,010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1,188         1,187         1,236         1,287         1,214         999         982           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%           1,195         1,266         1,361         1,438         1,417         970         1,008           1,640         1,689         1,828         1,969         1,930         1,339         1,405           5,116         5,233         5,617         5,962         5,990         4,300         4,362           6,991         7,161         7,788         8,378         8,099         5,769         5,7</td> <td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1.014         1.079         1.177           1.794         1.851         1.922         1.967         1.973         1.966         2.010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1.188         1.187         1.236         1.287         1.214         999         982           72.9%         75.0%         74.5%         73.0%         74.4%         69.8%         71.7%           1.195         1.266         1.361         1.438         1.417         970         1.008           1.640         1.689         1.828         1.969         1.930         1.389         1.405           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%      <t< td=""><td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2010         15.71           1.171         1.981         1.922         1.967         1.973         1.966         2.010         15.781           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%           755         769         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%           1.188         1.187         1.236         1.287         1.214         939         9.018         1.389         1.405         1.642           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%         73.9%           5.116         5.233         5.617         5.962         5.990         4.300         4.362         58.202           6.991</td><td>2010         2011         2012         2013         2014         2015         2016         2017         2010         2011           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         45.1%         46.4%           883         951         998         1.014         1.079         1.177         7.574         80.25           1.794         1.851         1.922         1.967         1.973         1.966         2.010         15.781         17.300           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%         60.4%           755         769         784         774         753         620         627         7.448         7.351           71.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%         73.6%           1,195         1,266         1,361         1,438         1,417         970         1.008         12,388         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,248         1,2488         1,2388</td></t<><td>Spokane County<br/>Disabled Medicaid Population         V         Disable           2010         2011         2012         2013         2014         2015         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2012         2010         2011         2012         2014         2014<td>Spokane County<br/>Disabled Medicaid Population         Washingty<br/>Disabled Medicaid Population           2010         2011         2016         2010         2010         2010         2016         2010         2012         2010         2010         2010         2010         2010         2010         2010         <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td></th></td></td></td> | Spokane County<br>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%           883         951         998         1,014         1,071         1,979           1,794         1,851         1,922         1,967         1,973         1,966           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%           755         769         784         774         753         620           1,188         1,187         1,236         1,287         1,214         999           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%           1,195         1,266         1,361         1,438         1,417         970           1,640         1,689         1,828         1,969         1,930         1,389           73.2%         73.1%         72.1%         71.2%         74.0%         4.696           6.91%         68.6%         67.6%         69.6%         68.8%           79.49         8,219         8,760         9,188         9,201< | Spokane County<br>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1,014         1,071         1,773         1,966         2,010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1,188         1,187         1,236         1,287         1,214         999         982           72.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%           1,195         1,266         1,361         1,438         1,417         970         1,008           1,640         1,689         1,828         1,969         1,930         1,339         1,405           5,116         5,233         5,617         5,962         5,990         4,300         4,362           6,991         7,161         7,788         8,378         8,099         5,769         5,7 | Spokane County<br>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%           883         951         998         1.014         1.079         1.177           1.794         1.851         1.922         1.967         1.973         1.966         2.010           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%           755         769         784         774         753         620         627           1.188         1.187         1.236         1.287         1.214         999         982           72.9%         75.0%         74.5%         73.0%         74.4%         69.8%         71.7%           1.195         1.266         1.361         1.438         1.417         970         1.008           1.640         1.689         1.828         1.969         1.930         1.389         1.405           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6% <t< td=""><td>Spokane County<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2010         15.71           1.171         1.981         1.922         1.967         1.973         1.966         2.010         15.781           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%           755         769         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%           1.188         1.187         1.236         1.287         1.214         939         9.018         1.389         1.405         1.642           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%         73.9%           5.116         5.233         5.617         5.962         5.990         4.300         4.362         58.202           6.991</td><td>2010         2011         2012         2013         2014         2015         2016         2017         2010         2011           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         45.1%         46.4%           883         951         998         1.014         1.079         1.177         7.574         80.25           1.794         1.851         1.922         1.967         1.973         1.966         2.010         15.781         17.300           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%         60.4%           755         769         784         774         753         620         627         7.448         7.351           71.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%         73.6%           1,195         1,266         1,361         1,438         1,417         970         1.008         12,388         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,248         1,2488         1,2388</td></t<> <td>Spokane County<br/>Disabled Medicaid Population         V         Disable           2010         2011         2012         2013         2014         2015         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2012         2010         2011         2012         2014         2014<td>Spokane County<br/>Disabled Medicaid Population         Washingty<br/>Disabled Medicaid Population           2010         2011         2016         2010         2010         2010         2016         2010         2012         2010         2010         2010         2010         2010         2010         2010         <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td></th></td></td> | Spokane County<br>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2017         2010           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         2010         15.71           1.171         1.981         1.922         1.967         1.973         1.966         2.010         15.781           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%           755         769         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%           1.188         1.187         1.236         1.287         1.214         939         9.018         1.389         1.405         1.642           73.2%         73.1%         72.1%         71.2%         74.0%         74.5%         75.6%         73.9%           5.116         5.233         5.617         5.962         5.990         4.300         4.362         58.202           6.991 | 2010         2011         2012         2013         2014         2015         2016         2017         2010         2011           49.2%         51.4%         51.9%         51.6%         52.8%         54.9%         58.6%         45.1%         46.4%           883         951         998         1.014         1.079         1.177         7.574         80.25           1.794         1.851         1.922         1.967         1.973         1.966         2.010         15.781         17.300           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         59.9%         60.4%           755         769         784         774         753         620         627         7.448         7.351           71.9%         75.0%         74.5%         73.0%         73.4%         69.8%         71.7%         73.0%         73.6%           1,195         1,266         1,361         1,438         1,417         970         1.008         12,388         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,238         1,248         1,2488         1,2388 | Spokane County<br>Disabled Medicaid Population         V         Disable           2010         2011         2012         2013         2014         2015         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2010         2011         2012         2012         2010         2011         2012         2014         2014 <td>Spokane County<br/>Disabled Medicaid Population         Washingty<br/>Disabled Medicaid Population           2010         2011         2016         2010         2010         2010         2016         2010         2012         2010         2010         2010         2010         2010         2010         2010         <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td></th></td> | Spokane County<br>Disabled Medicaid Population         Washingty<br>Disabled Medicaid Population           2010         2011         2016         2010         2010         2010         2016         2010         2012         2010         2010         2010         2010         2010         2010         2010 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td></th> | <td>Spokame County<br/>Disabled Medicaid Population         Washington State<br/>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%<td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td><td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td></td> |              | Spokame County<br>Disabled Medicaid Population         Washington State<br>Disabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         40.3%         58.6%         49.1%         46.4%         46.9%         47.5%         48.1%           883         951         998         10.14         1.071         1.072         2.174         8.025         8.442         8.13         8.86           63.6%         64.8%         63.4%         60.1%         62.0%         62.1%         63.8%         7.745         7.50         7.455         7.48         59.9%         60.4%         59.4%         7.455         7.456         7.457         7.482         63.2%         1.2748         11.876         1.2748         1.381         1.417         970         1.008         1.2368         1.2748         1.3277         1.383         1.405         1.2468         1.2478         1.33237         1.3321         1.418         1.422         7.328         7.45%         7.3.6%         7.3.4%         7.25%         5.205         6.438         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5%         6.2.5% <td>Spokane County         Washington State<br/>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428</td> <td>Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4%</td> | Spokane County         Washington State<br>Disabled Medicaid Population           Disabled Medicaid Population           2010         2011         2016         2016         2017         2010         2011         2014         2016         2016         2011         2011         2011         2011         2011         2011         2011         2016         2016         2011         2011         2014         2016         2011         2014         2016         2017         2016         2016         2016         2017         7.44         2014         2017         7.44         20.54         5.425         5.425         5.426         3.48.9         3.48.9         5.426         5.427         7.44         7.428         7.428         7.428         7.428         7.428         7.428         7.428         7.428 | Spokane County         Washington State         Usabled Medicaid Population           2010         2011         2012         2013         2014         2015         2016         2017         2012         2013         2014         49,2%         51,4%         51,9%         51,6%         52,8%         54,9%         55,6%         45,1%         46,4%         46,3%         47,5%         48,1%         49,9%         52,1%         53,9%         51,9%         51,6%         52,8%         52,9%         52,1%         53,9%         51,9%         64,3%         46,3%         45,9%         47,5%         48,11%         49,9%         52,1%         53,9%         55,7%         55,3%         55,9%         60,4%         59,4%         58,7%         55,9%         55,3%         55,9%         60,4%         59,4%         58,7%         55,3%         55,3%         55,3%         51,3%         71,4%         73,3%         72,9%         71,4%         73,3%         72,9%         71,4%         73,3%         72,3%         71,4%         73,3%         72,3%         71,4%         73,4%         72,3%         71,4%         73,4%         72,3%         71,4%         74,3%         73,4%         72,3%         74,4%         74,4%         74,4%         74,4% |



## **Mental Illness Treatment Need Rates**

Among Medicaid-Disabled Youth and Adults, by County

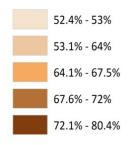
#### **MARCH 2017**

## **SFY 2016**

#### INDICATOR

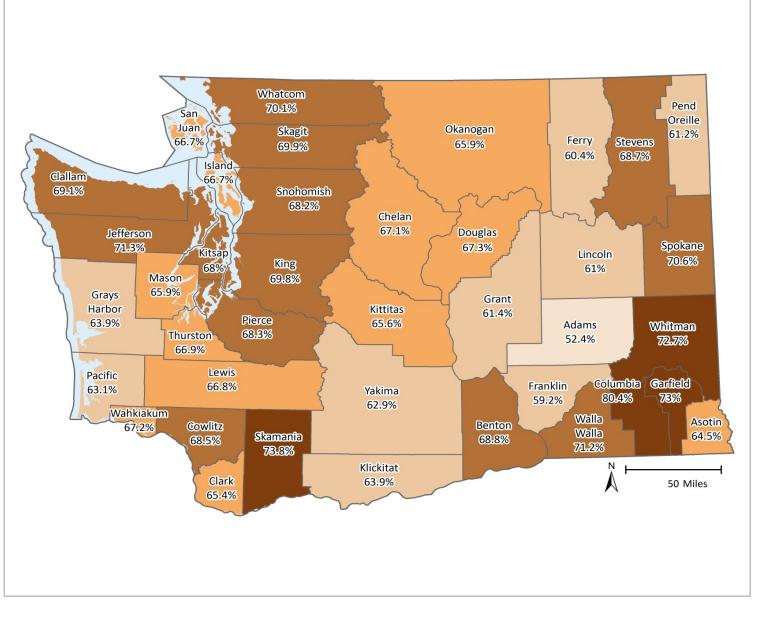
Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





COUNTY:

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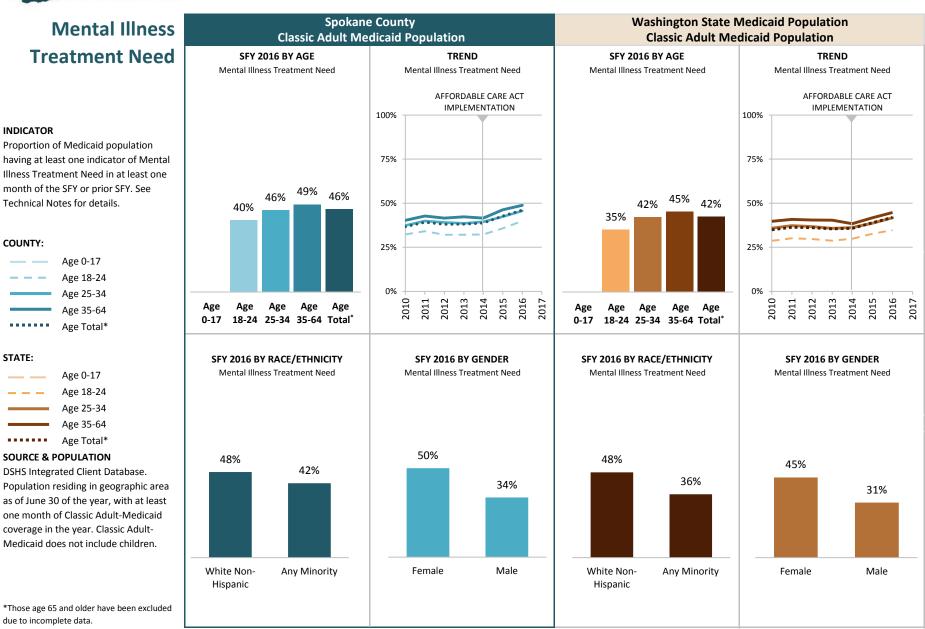
STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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|   |   |                       | SUPPO                 |                      |                      | IVIEII              |                     | 55 HE | atment                            | Neeu             |              | Vachingt              | on State     |                       |                         |      |  |  |  |
|---|---|-----------------------|-----------------------|----------------------|----------------------|---------------------|---------------------|-------|-----------------------------------|------------------|--------------|-----------------------|--------------|-----------------------|-------------------------|------|--|--|--|
|   | Spokane County<br>Classic Adult Medicaid Population |                       |                       |                      |                      |                     |                     |       |                                   | Washington State |              |                       |              |                       |                         |      |  |  |  |
| STATE FISCAL YEAR                             |   |                       | Liassic Ac            | ault Med             | icald Pop            | oulation            |                     |       | 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                         | 2010  | 2011                  | 2012                  | 2015                 | 2014                 | 2015                | 2010                | 2017  | 2010                              | 2011             | 2012         | 2015                  | 2014         | 2015                  | 2010                    | 2017 |  |  |  |
| Persons w/MI Tx Need                          |   |                       |                       |                      |                      |                     |                     |       |                                   |                  |              |                       |              |                       |                         |      |  |  |  |
| Total persons                                 |   |                       |                       |                      |                      |                     |                     |       |                                   |                  |              |                       |              |                       |                         |      |  |  |  |
| Age 18-24 w/MI Tx Need                        | 32.3%   | 34.1%                 | 32.1%                 | 32.1%                | 32.3%                | 35.7%               | 40.0%               |       | 28.7%                             | 30.1%            | 29.7%        | 28.7%                 | 29.8%        | 32.6%                 | 34.7%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 1,706   | 1,731                 | 1,550                 | 1,442                | 1,274                | 1,129               | 1,070               |       | 15,375                            | 16,033           | 14,930       | 13,440                | 12,554       | 11,331                | 10,376                  |      |  |  |  |
| Total persons                                 | 5,285   | 5,075                 | 4,832                 | 4,491                | 3,943                | 3,162               | 2,678               |       | 53,642                            | 53,226           | 50,282       | 46,798                | 42,062       | 34,728                | 29,874                  |      |  |  |  |
| Age 25-34 w/MI Tx Need                        | 37.4%   | <b>39.9%</b>          | <b>39.1%</b>          | 38.5%                | 39.5%                | 42.4%               | 45.6%               |       | 35.8%                             | 37.3%            | 36.7%        | 35.8%                 | 36.2%        | 38.7%                 | <b>41.7%</b>            |      |  |  |  |
| Persons w/MI Tx Need                          | 3,099   | 3,516                 | 3,414                 | 3,339                | 3,567                | 3,817               | 3,891               |       | 28,470                            | 31,662           | 31,287       | 30,377                | 32,525       | 35,327                | <b>41.778</b><br>36,407 |      |  |  |  |
| Total persons                                 | 8,291   | 8,815                 | 8,730                 | 8,668                | 9,034                | 9,012               | 8,529               |       | 79,426                            | 84,872           | 85,154       | 84,954                | 89,881       | 91,384                | 87,322                  |      |  |  |  |
| Age 35-64 w/MI Tx Need                        | 40.2%   | <b>42.7%</b>          | <b>41.5%</b>          | 42.3%                | <b>41.6%</b>         | <b>46.2%</b>        | 48.8%               |       | <b>39.8%</b>                      | 40.8%            | <b>40.5%</b> | <b>40.4%</b>          | <b>38.3%</b> | <b>41.8%</b>          | <b>44.7%</b>            |      |  |  |  |
| Persons w/MI Tx Need                          |   |                       |                       |                      |                      |                     |                     |       |                                   |                  |              |                       |              |                       |                         |      |  |  |  |
|   | 1,992   | 2,306                 | 2,260                 | 2,309                | 2,787                | 3,425               | 3,676               |       | 21,490                            | 23,840           | 24,285       | 24,437                | 29,616       | 36,246                | 38,210                  |      |  |  |  |
| Total persons                                 | 4,950   | 5,399                 | 5,440                 | 5,461                | 6,705                | 7,406               | 7,530               |       | 54,048                            | 58,368           | 59,987       | 60,533                | 77,257       | 86,785                | 85,486                  |      |  |  |  |
| Age Total <sup>†</sup> w/MI Tx Need           | 36.7%   | 39.2%                 | 38.0%                 | 38.1%                | 38.8%                | 42.8%               | 46.1%               |       | 34.9%                             | 36.4%            | 36.1%        | 35.5%                 | 35.7%        | 38.9%                 | 41.9%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 6,797   | 7,553                 | 7,224                 | 7,090                | 7,628                | 8,371               | 8,637               |       | 65,335                            | 71,535           | 70,502       | 68,254                | 74,695       | 82,904                | 84,993                  |      |  |  |  |
| Total persons<br>Population by Race-Ethnicity | 18,526  | 19,289                | 19,002                | 18,620               | 19,682               | 19,580              | 18,737              |       | 187,116                           | 196,466          | 195,423      | 192,285               | 209,200      | 212,897               | 202,682                 |      |  |  |  |
| Amer Indian w/MI Tx Need                      | 45.5%   | 47.7%                 | 47.0%                 | 47.2%                | 48.2%                | 52.1%               | 55.7%               |       | 46.5%                             | 47.5%            | 46.8%        | 46.0%                 | 47.2%        | 50.5%                 | 53.6%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 766   | <b>47.7</b> /8        | <b>47.07</b> 8<br>848 | <b>47.276</b><br>819 | <b>40.276</b><br>796 | 795                 | 788                 |       | 7,306                             | 7,620            | 7,435        | 7,139                 | 7,323        | 7,455                 | 7,387                   |      |  |  |  |
| Total persons                                 | 1,685   | 1,768                 | 1,804                 | 1,734                | 1,650                | 1,527               | 1,414               |       | 15,724                            | 16,055           | 15,880       | 15,536                | 15,526       | 14,748                | 13,780                  |      |  |  |  |
| Asian w/MI Tx Need                            | 23.2%   | <b>21.8%</b>          | <b>22.1%</b>          | <b>22.4%</b>         | <b>22.9%</b>         | <b>26.8%</b>        | <b>29.4%</b>        |       | <b>22.5%</b>                      | <b>22.9%</b>     | <b>23.7%</b> | <b>23.4%</b>          | <b>21.8%</b> | <b>24.1%</b>          | <b>26.6%</b>            |      |  |  |  |
| Persons w/MI Tx Need                          | 110   | <b>21.0</b> /6<br>114 | 118                   | 125                  | <b>22.976</b><br>144 | <b>20.8%</b><br>168 | <b>29.4%</b><br>176 |       | 2,012                             | 2,256            | 2,464        | <b>23.47</b><br>2,448 | 2,794        | <b>24.17</b><br>3,336 | 3,539                   |      |  |  |  |
| Total persons                                 | 475   | 524                   | 534                   | 558                  | 629                  | 628                 | 598                 |       |                                   |                  |              |                       |              |                       |                         |      |  |  |  |
| Black w/MI Tx Need                            |   |                       |                       |                      |                      |                     |                     |       | 8,946                             | 9,857            | 10,383       | 10,472                | 12,826       | 13,850                | 13,283                  |      |  |  |  |
|   | 34.6%   | 36.3%                 | 35.1%                 | 37.0%                | 38.0%                | 40.7%               | 42.0%               |       | 31.3%                             | 33.3%            | 32.6%        | 31.5%                 | 32.7%        | 35.4%                 | 38.0%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 345   | 378                   | 376                   | 396                  | 427                  | 433                 | 445                 |       | 6,407                             | 7,327            | 7,285        | 7,088                 | 7,623        | 7,997                 | 8,081                   |      |  |  |  |
| Total persons                                 | 996   | 1,042                 | 1,071                 | 1,071                | 1,125                | 1,065               | 1,059               |       | 20,472                            | 22,019           | 22,359       | 22,509                | 23,300       | 22,608                | 21,247                  |      |  |  |  |
| Hawaiian/PI w/MI Tx Need                      | 25.1%   | 24.6%                 | 25.9%                 | 19.8%                | 16.8%                | 19.9%               | 21.7%               |       | 21.3%                             | 22.5%            | 22.2%        | 21.6%                 | 21.9%        | 24.2%                 | 26.4%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 69  | 78                    | 90                    | 74                   | 91                   | 119                 | 122                 |       | 1,406                             | 1,619            | 1,703        | 1,734                 | 2,028        | 2,430                 | 2,552                   |      |  |  |  |
| Total persons                                 | 275   | 317                   | 348                   | 374                  | 543                  | 598                 | 563                 |       | 6,597                             | 7,206            | 7,668        | 8,012                 | 9,280        | 10,049                | 9,680                   |      |  |  |  |
| Hispanic w/MI Tx Need                         | 35.3%   | 36.8%                 | 34.5%                 | 34.6%                | 35.8%                | 40.5%               | 43.3%               |       | 28.4%                             | 29.5%            | 29.6%        | 28.9%                 | 28.7%        | 32.5%                 | 35.0%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 420   | 473                   | 462                   | 466                  | 528                  | 605                 | 622                 |       | 7,938                             | 8,918            | 9,178        | 8,972                 | 10,522       | 12,537                | 12,907                  |      |  |  |  |
| Total persons                                 | 1,191   | 1,287                 | 1,338                 | 1,346                | 1,475                | 1,492               | 1,438               |       | 27,981                            | 30,192           | 31,042       | 31,071                | 36,696       | 38,578                | 36,904                  |      |  |  |  |
| White Only w/MI Tx Need                       | 37.6%   | 40.3%                 | 39.2%                 | 39.2%                | 40.2%                | 44.7%               | 48.3%               |       | 38.8%                             | 40.6%            | 40.3%        | 39.9%                 | 40.6%        | 44.4%                 | 47.9%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 420   | 473                   | 462                   | 466                  | 528                  | 605                 | 622                 |       | 42,400                            | 46,084           | 45,054       | 43,542                | 47,321       | 52,141                | 53,278                  |      |  |  |  |
| Total persons                                 | 13,871  | 14,400                | 14,054                | 13,708               | 14,448               | 14,373              | 13,674              |       | 109,240                           | 113,562          | 111,810      | 109,193               | 116,622      | 117,491               | 111,271                 |      |  |  |  |
| Any Minority w/MI Tx Need                     | 36.6%   | 38.0%                 | 36.7%                 | 36.6%                | 36.1%                | 39.3%               | 42.0%               |       | 31%                               | 32%              | 32%          | 31%                   | 30%          | 33%                   | 36%                     |      |  |  |  |
| Persons w/MI Tx Need                          | 1,521   | 1,672                 | 1,652                 | 1,648                | 1,735                | 1,855               | 1,900               |       | 22,085                            | 24,464           | 24,585       | 23,928                | 26,494       | 29,661                | 30,248                  |      |  |  |  |
| Total persons                                 | 4,151   | 4,399                 | 4,503                 | 4,505                | 4,804                | 4,720               | 4,521               |       | 71,412                            | 76,204           | 77,640       | 77,666                | 87,020       | 89,353                | 84,953                  |      |  |  |  |
| Population by Gender                          |   |                       |                       |                      |                      |                     |                     |       |                                   |                  |              |                       |              |                       |                         |      |  |  |  |
| Females w/MI Tx Need                          | 40.8%   | 43.8%                 | 42.3%                 | 42.1%                | 43.0%                | 46.7%               | 50.2%               |       | 38.0%                             | 39.7%            | 39.3%        | 38.6%                 | 39.1%        | 42.2%                 | 45.0%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 5,592   | 6,185                 | 5,914                 | 5,801                | 6,268                | 6,866               | 7,086               |       | 55,194                            | 59,991           | 59,188       | 57,534                | 62,765       | 69,738                | 71,499                  |      |  |  |  |
| Total persons                                 | 13,719  | 14,123                | 13,997                | 13,795               | 14,561               | 14,687              | 14,122              |       | 145,117                           | 150,966          | 150,554      | 149,017               | 160,506      | 165,344               | 158,994                 |      |  |  |  |
| Males w/MI Tx Need                            | 25.1%   | 26.5%                 | 26.2%                 | 26.7%                | 26.6%                | 30.8%               | 33.6%               |       | 24.1%                             | 25.4%            | 25.2%        | 24.8%                 | 24.5%        | 27.7%                 | 30.9%                   |      |  |  |  |
| Persons w/MI Tx Need                          | 1,205   | 1,368                 | 1,310                 | 1,289                | 1,360                | 1,505               | 1,551               |       | 10,141                            | 11,544           | 11,314       | 10,720                | 11,930       | 13,166                | 13,494                  |      |  |  |  |
| Total persons                                 | 4,807   | 5,166                 | 5,005                 | 4,825                | 5,121                | 4,893               | 4,615               |       | 41,999                            | 45,500           | 44,869       | 43,268                | 48,694       | 47,553                | 43,688                  |      |  |  |  |

## SUPPORTING TABLES | Mental Illness Treatment Need



## **Mental Illness Treatment Need Rates**

Among Medicaid-Classic Adults, by County

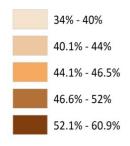
**MARCH 2017** 

## **SFY 2016**

#### INDICATOR

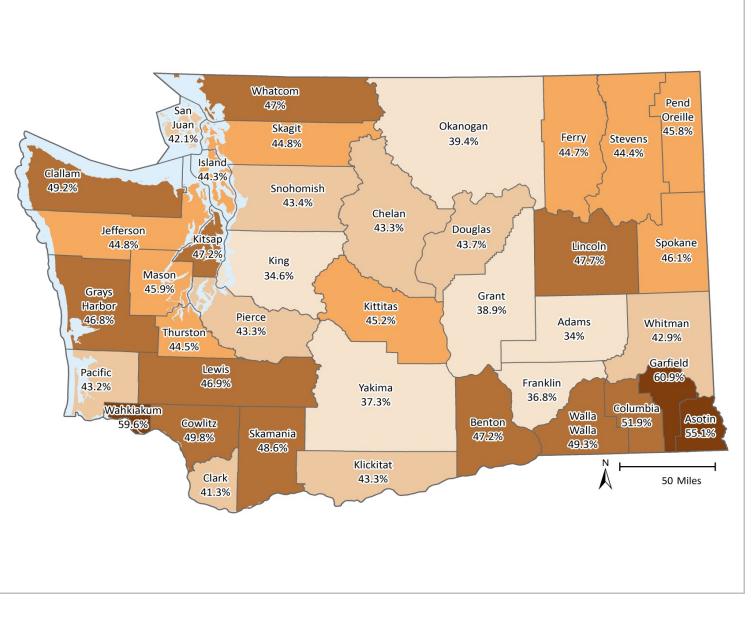
Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





## Behavioral Health Treatment Needs and Outcomes

**Spokane County** 

**Expansion Adult Medicaid Population** 

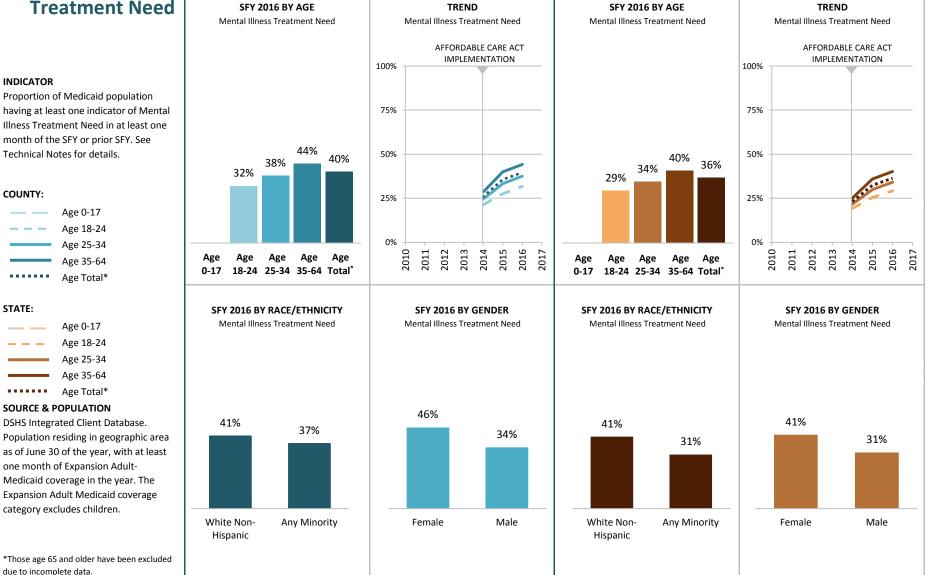
**MARCH 2017** 

Washington State Medicaid Population

**Expansion Adult Medicaid Population** 

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Mental Illness Treatment Need



| STATE FISCAL VERE         Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"           STATE FISCAL VERE         Colspan="2">Colspan="2">Colspan="2"         Colspan="2">Colspan="2"         Colspan="2"         Colspan="2" <th <="" colspan="2" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>IVICII</th><th></th><th>33 110</th><th>atment</th><th>iccu</th><th>W</th><th>lashingto</th><th>n State</th><th></th><th></th><th></th></th>   | <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>IVICII</th> <th></th> <th>33 110</th> <th>atment</th> <th>iccu</th> <th>W</th> <th>lashingto</th> <th>n State</th> <th></th> <th></th> <th></th> |   |      |      |      |        |          |        | IVICII |      | 33 110 | atment  | iccu       | W       | lashingto | n State |      |  |  |  |  |
|--|--|---|------|------|------|--------|----------|--------|--------|------|--------|---|------------|---------|-----------|---------|------|--|--|--|--|
| STATE FISCAL YEAR         Population by Age         2010         2011         2012         2013         2014         2015         2016         2017         2010         2011         2012         2013         2014         2015         2016         2017           Age 0-17 W/MI TA Need                2013         2014         2015         2016         2017           Age 0-17 W/MI TA Need           1.88         2.663         3.574           1.531         2.555         2.22.05         3.07         70.09         2.21.05         3.07         70.09         2.21.05         3.07         70.09         2.21.05         3.07         70.09         2.21.05         3.07         70.09         2.21.05         3.07         70.09         2.21.05         3.07         70.09         2.21.06         3.07         70.09         2.21.06         3.07         70.09         2.21.06         3.07         70.09         2.21.06         3.03         70.09         2.01.7         2.01.09         2.01.7         2.01.09         2.01.7         2.01.09         2.01.7         2.01.09         2.01.7         2.01.09         2.01.7         2.01.09 <td< th=""><th></th><th colspan="10">Spokane County<br/>Expansion Adult Medicaid Population</th><th colspan="10">Washington State<br/>Expansion Adult Medicaid Population</th></td<>   |  | Spokane County<br>Expansion Adult Medicaid Population |      |      |      |        |          |        |        |      |        | Washington State<br>Expansion 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(1T N Reed   | STATE FISCAL YEAR  |   | Елр  |      |      |        | opulatio | ••     |        |      |        |   | tuant inic |         | pulation  | •       |      |  |  |  |  |
| Persons w/MI Tx Need         21.3%         27.6%         31.8%         99.3%         25.5%         29.2%           Persons w/MI Tx Need         1,181         2.68         3,74         11.52         28.376         35.007           Total persons         55.5%         29.2%         11.52         28.376         35.007           Total persons w/MI Tx Need         22.6%         3.33%         37.5%         21.6%         30.0%         34.1%           Persons w/MI Tx Need         22.85         1.549         18.78         102.30         51.6         20.0%         31.37         67.67           Total persons         9.037         15.949         18.784         102.84 <th></th> <th>2010</th> <th>2011</th> <th>2012</th> <th>2013</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>2017</th> <th>2010</th> <th>2011</th> <th>2012</th> <th>2013</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>2017</th> |  | 2010  | 2011 | 2012 | 2013 | 2014   | 2015     | 2016   | 2017   | 2010 | 2011   | 2012  | 2013       | 2014    | 2015      | 2016    | 2017 |  |  |  |  |
| Total persons       Persons s/MI Tx Need       21.3%       72.6%       31.5%       11.03       25.5%       29.2%         Persons s/MI Tx Need       2,36%       3,54       11.03       26.3%       35.007         Persons s/MI Tx Need       2,23       5,318       9,438       11.24       96.965       20,478       11.980         Persons s/MI Tx Need       2,23       5,315       7,049       12,738       20,738       12,338       7,333       20,738         Persons s/MI Tx Need       22,66       40,05%       42,75       21,56K       35,38       7,333       20,738         Persons s/MI Tx Need       26,66K       35,75K       21,95K       11,885       31,738       20,738       13,878         Total persons       15,64K       25,65K       39,75K       23,95K       13,893       23,95K       13,893       23,95K       13,893       32,494       13,95K       13,95K       13,95K       13,95K       14,95K       14   | Age 0-17 w/MI Tx Need  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Age 324 w/M1 Tx Need21.3%27.6%31.8%91.93%25.5%29.2%Persons w/M1 Tx Need1.1812.6053.57411.98035.9735.9735.97Age 354 w/M1 Tx Need22.3633.3737.3627.36827.36837.37Persons w/M1 Tx Need2.2053.3577.0935.97 <td>Persons w/MI Tx Need</td> <td></td>   | Persons w/MI Tx Need   |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Instance         1.181         2.605         3.574         1.523         2.6.376         3.507           Total persons         5.518         9.433         1.543         3.574         2.5.66         3.0.55         1.9.804           Age 25-34 w/M1 Tx Need         2.2.23         5.3.15         7.049         2.2.06         3.3.15         69.766           Total persons         10.037         15.3.94         18.783         100.23         10.3.15         10.766           Age 35-44 w/M1 Tx Need         2.2.65         10.054         12.568         2.0.575         2.0.507         13.805         13.876           Total persons         10.142         2.5.68         2.0.575         199.62         21.11.59         36.577           Age Total w/M1 Tx Need         2.6.09         35.578         47.05         199.62         21.11.59         36.57           Persons w/M1 Tx Need         2.6.09         35.267         39.78         33.682         33.68         33.68           Total persons         3.0.57         47.05         9.475         35.55         47.79         15.82         2.1.88         35.558         47.59         13.561         13.50         15.65         39.75         13.56         13.55         41.57   | Total persons  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Total persons5.589.4331.12499.89819.89419.894Age 25-34 w/M1 Tx Need2.2433.3367.0492.2633.3367.0492.1663.0673.136Persons w/M1 Tx Need9.0371.5.4911.5.4911.878310.23910.73020.738Age 35-64 w/M1 Tx Need2.8.6840.054.2.252.8.7610.80113.87613.876Persons w/M1 Tx Need2.8.6840.052.2.37540.87613.8013.876Age Total persons7.8292.8.6840.052.3.49623.49623.49623.49623.496Persons w/M1 Tx Need7.8203.5.683.7.663.7.663.7.663.7.663.7.673.7.673.7.673.7.673.7.673.7.67Persons w/M1 Tx Need7.8203.7.673.7.879.7.663.7.673.7.873.7.673.7.873.7.873.7.873.7.873.7.87Persons w/M1 Tx Need5.2.94.7.974.7.874.7.873.7.873.7.873.7.873.7.873.7.873.7.873.7.873.7.87Persons w/M1 Tx Need5.2.94.7.974.7.874.7.874.7.873.7.  | Age 18-24 w/MI Tx Need   |   |      |      |      | 21.3%  | 27.6%    | 31.8%  |        |      |        |   |            | 19.3%   | 25.5%     | 29.2%   |      |  |  |  |  |
| Age 25-34 w/MI Tx Need24.6%33.3%7.5%21.6%30.0%34.1%Persons w/MI Tx Need2.225.3187.092.21033.376.07.60Age 35-64 w/MI Tx Need28.6%40.0%4.2%4.2%2.50.835.6%35.6%35.6%Persons w/MI Tx Need28.6%25.6%35.6%39.7%2.84.7%38.8738.7%38.7%Age Total w/MI Tx Need26.0%35.6%39.7%2.84.7%38.8738.8738.7%Persons w/MI Tx Need7.223.51.7%3.18%38.7%38.7%38.9%38.7%Total persons30.7%7.0%3.51.7%3.51.8%38.9%38.7%38.9%38.7%Persons w/MI Tx Need5.2%7.7%9.7%3.51.8%38.9%35.7%38.9%35.7%Persons w/MI Tx Need5.5%3.7%1.7%3.51.8%38.9%35.7%38.9%35.7%Persons w/MI Tx Need1.5%2.7%3.51.8%37.4%35.8%37.4%35.8%35.7%35.8  | Persons w/MI Tx Need   |   |      |      |      | 1,181  | 2,605    | 3,574  |        |      |        |   |            | 11,523  | 26,376    | 35,007  |      |  |  |  |  |
| Persons w/M1 Tx Need         2,23         5,316         7,049         2,208         5,317         69,766           Total persons         9,037         15,449         18,783         102,33         17,330         20,738           Age 35-64 w/I1 Tx Need         28,656         40,056         44,256         25,069         35,598         0.025           Persons w/M1 Tx Need         44,25         12,575         49,870         113,856         13,768           Age Total persons         15,482         25,688         32,756         39,776         36,305         93,308         23,35           Persons w/M1 Tx Need         7,829         18,175         31,398         36,005         93,398         243,541           Total persons         30,305         51,101         58,48         33,698         30,505         50,397         45,354           Persons w/M1 Tx Need         7,593         2,3198         36,005         50,62         13,354         16,692           Total persons         1,309         2,210         3,313         4,735         47,335         47,335           Persons w/M1 Tx Need         1,519         2,017         2,338         11,118         81,282         12,184           Persons w/M1 Tx Need   | Total persons  |   |      |      |      | 5,538  | 9,433    | 11,249 |        |      |        |   |            | 59,852  | 103,457   | 119,804 |      |  |  |  |  |
| Total persons9,03715,9418,78310,23910,23910,23920,738Age 35-64 w/W1 Tx Need28,66440,06441,25641,25642,56442,56741,35613,56733,567Ortal persons15,86225,62828,86039,78633,36833,36833,36833,36833,36833,36833,368Age total w/M1 Tx Need26,07935,7743,378 <td>Age 25-34 w/MI Tx Need</td> <td></td> <td></td> <td></td> <td></td> <td>24.6%</td> <td>33.3%</td> <td>37.5%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>21.6%</td> <td>30.0%</td> <td>34.1%</td> <td></td>  | Age 25-34 w/MI Tx Need   |   |      |      |      | 24.6%  | 33.3%    | 37.5%  |        |      |        |   |            | 21.6%   | 30.0%     | 34.1%   |      |  |  |  |  |
| Age 35-64 w/M1 Tx Need28.6%40.0%44.2%25.6%<   | Persons w/MI Tx Need   |   |      |      |      | 2,223  | 5,316    | 7,049  |        |      |        |   |            | 22,106  | 53,137    | 69,766  |      |  |  |  |  |
| Persons w/M1 Tx Need       44.25       10,254       12,575       49,579       113,85       138,768         Total persons       15,462       25,66       39,764       139,262       317,15       35,171         Age Total /w/M1 Tx Need       70,20       18,175       23,198       80,007       193,363       243,541         Population by Race-thinkity       80,07       50,070       94,4%       55,5%       41,7%       47,872         Persons w/M1 Tx Need       55,5%       41,7%       47,872       15,55       44,7%       47,872         Persons w/M1 Tx Need       15,93       2,910       3,513       15,68       30,39       35,268         Asian w/M1 Tx Need       15,93       2,910       3,513       15,68       30,39       35,268         Asian w/M1 Tx Need       15,93       2,910       3,513       15,69       30,39       35,268         Persons w/M1 Tx Need       15,93       2,910       3,513       15,69       30,39       35,268         Black w/M1 Tx Need       15,93       2,440       2,900       3,513       16,61       3,83       3,64         Persons w/M1 Tx Need       12,89       2,444       2,900       5,424       2,464       2,900   | Total persons  |   |      |      |      | 9,037  | 15,949   | 18,783 |        |      |        |   |            | 102,393 | 177,330   | 204,738 |      |  |  |  |  |
| Total persons       15,482       25,628       28,450       198,262       171,59       345,171         Age Total "w/M1 Tx Need       72,60       38,75       32,78       36,46       32,08 <td>Age 35-64 w/MI Tx Need</td> <td></td> <td></td> <td></td> <td></td> <td>28.6%</td> <td>40.0%</td> <td>44.2%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25.0%</td> <td>35.9%</td> <td>40.2%</td> <td></td>  | Age 35-64 w/MI Tx Need   |   |      |      |      | 28.6%  | 40.0%    | 44.2%  |        |      |        |   |            | 25.0%   | 35.9%     | 40.2%   |      |  |  |  |  |
| Age Total w/MITx Need26.0%35.6%39.7%23.1%23.1%36.4%Persons w/MITx Need30.2018.17523.9883.0819.30463.0619.376Population by Race-Ethnicty58.48258.48239.30465.0731.0841.0843.0819.37665.07Persons w/MITx Need35.2%49.071.73555.023.5941.6921.6921.692Total persons15.932.9103.51316.6923.6941.6923.5841.6923.5843.6983.5863.6983.586Asian w/MITx Need14.5%2.9103.51316.6923.6963.6921.6923.5843.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.6983.5863.588   | Persons w/MI Tx Need   |   |      |      |      | 4,425  | 10,254   | 12,575 |        |      |        |   |            | 49,579  | 113,856   | 138,768 |      |  |  |  |  |
| Persons w/MI Tx Need         7.829         8.17.5         23.198         8.3.08         193.369         243.541           Population by Race-ttrinity         30.00         50.01         50.442         30.00         79.748         669.73           Persons w/MI Tx Need         35.2%         47.0%         94.94%         55.5%         44.7%         47.3%           Persons w/MI Tx Need         5.59         4.07%         17.35         5.56         4.07%         47.3%           Asian w/MI Tx Need         1.367         1.375         23.3%         16.76.3         3.59         55.66         4.1%         3.50         55.66         4.1%         3.50         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.1%         55.66         4.2%         55.66         4.2%         55.66         4.2%         55.66         4.6%         55.66         4.6%         55.66         4.6%         55.66         4.6%         55.66         4.6%         55.66         57.36         55.66         57.36         55.76         55.76         57.36         57.36   | Total persons  |   |      |      |      | 15,482 | 25,628   | 28,450 |        |      |        |   |            | 198,262 | 317,159   | 345,171 |      |  |  |  |  |
| Total personsTotal personsStatus   | Age Total <sup>†</sup> w/MI Tx Need  |   |      |      |      | 26.0%  | 35.6%    | 39.7%  |        |      |        |   |            | 23.1%   | 32.3%     | 36.4%   |      |  |  |  |  |
| Population by Race-Ethnicity         35.2%         47.0%         49.4%         35.5%         44.7%         47.3%           Persons V/MI Tx Need         561         1.367         1.735         5.962         15.94         16.692           Total persons         1.593         2.910         3.513         16.783         30.399         35.266           Asian V/II Tx Need         14.5%         20.7%         23.3%         11.1%         18.2%         21.8%           Persons W/II Tx Need         154         334         420         3.650         3.823         11.194           Total persons         1.000         1.616         1.802         32.94         48.48         51.833           Black w/MI Tx Need         23.6%         35.3%         37.4%         19.4%         29.9%         33.2%           Persons w/MI Tx Need         1.28         2.464         2.940         28.24         49.017         56.142           Hawaiian/PI w/MI Tx Need         78         215         254         14.27%         21.2%         24.5%           Persons w/MI Tx Need         78         215         254         14.27         21.4%         26.0%         30.3%           Persons w/MI Tx Need         78         30.38%   | Persons w/MI Tx Need   |   |      |      |      | 7,829  | 18,175   | 23,198 |        |      |        |   |            | 83,208  | 193,369   | 243,541 |      |  |  |  |  |
| Amer Indian w/MI Tx Need         35.2%         47.0%         49.4%         35.5%         44.7%         47.3%           Persons w/MI Tx Need         55 1         1,367         1,735         5,662         13,594         16,692           Total persons         1,593         2,910         3,513         16,783         30,39         35,266           Asian w/MI Tx Need         14,5%         2,910         3,513         16,783         30,39         35,266           Persons w/MI Tx Need         154         334         420         3,650         8,823         11,29           Total persons         1,060         1,616         1,802         32,924         48,483         5,833           Black w/MI Tx Need         23.6%         35.3%         37.4%         19,4%         29,4%         32,4%           Persons w/MI Tx Need         26.8%         32,4%         2,940         28,284         49,017         56,142           Hawaiian/Pi w/MI Tx Need         13.8%         22.0%         24.5%         14,625         2,3467           Total persons         1,11x Need         23.8         30.8%         35.7%         1,632         2,3467           Persons w/MI Tx Need         21.8%         30.8%         35.7%   | Total persons  |   |      |      |      | 30,057 | 51,010   | 58,482 |        |      |        |   |            | 360,507 | 597,946   | 669,713 |      |  |  |  |  |
| Persons w/MI Tx Need         561         1,367         1,735         5,962         13,594         16,692           Total persons         1,593         2,910         3,513         16,783         30,399         35,266           Asian w/MI Tx Need         14,5%         20,7%         23,3%         11,1%         18,2%         21,8%           Persons w/MI Tx Need         156         3,34         420         36,50         38,23         15,33           Black w/MI Tx Need         23,6%         35,3%         37,4%         19,4%         29,9%         33,2%           Persons w/MI Tx Need         306         869         1,100         5,455         14,676         18,660           Total persons         1,17 Need         38,8%         22,0%         24,64         2,940         28,284         49,17         5,616           Total persons w/MI Tx Need         78         2,15         254         16,27         4,325         5,743           Total persons w/MI Tx Need         21,8%         30,8%         35.7%         11,451         20,416         23,467           Hispanic w/MI Tx Need         1,917         3,333         1,448         9,033         2,508         30,87           Persons w/MI Tx Need  |  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Total persons       1,593       2,910       3,513       16,783       30,399       35,266         Asian w/MI Tx Need       14.5%       20.7%       23.3%       11.1%       18.2%       21.8%         Persons w/MI Tx Need       154       334       420       3,650       8,823       11,294         Total persons       1,060       1,616       1,802       32,994       84,83       51,833         Black w/MI Tx Need       23,66%       35,3%       37.4%       19,4%       29,9%       33,2%         Persons w/MI Tx Need       306       869       1,100       5,495       14,676       18,600         Total persons       1,298       2,464       2,940       28,284       49,017       56,142         Hawaiian/P w/MI Tx Need       78       21,5       254       14,676       18,660         Total persons w/MI Tx Need       78       21,5       254       14,676       28,284       49,017       56,142         Persons w/MI Tx Need       78       21,58       30,38%       35,7%       11,451       20,415       23,467         Persons w/MI Tx Need       21,8%       30,8%       35,7%       11,451       20,416       23,467         Persons w/MI Tx Nee   | •  |   |      |      |      |        | 47.0%    |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Asian w/MI Tx Need       14.5%       20.7%       23.3%       11.1%       18.2%       21.8%         Persons w/MI Tx Need       154       334       420       3,650       8,823       11,294         Total persons       1,060       1,616       1,802       32,924       48,483       51,833         Black w/MI Tx Need       23.6%       35.3%       37.4%       19.94%       29.967       38.660         Persons w/MI Tx Need       12.98       2,464       2,940       56,142  | •  |   |      |      |      |        | 1,367    |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Persons w/MI Tx Need       154       334       420       3,600       8,823       11,294         Total persons       1,060       1,616       1,802       32,924       48,483       51,833         Black w/MI Tx Need       23,6%       35.3%       37.4%       19.4%       29.9%       33.2%         Persons w/MI Tx Need       306       869       1,100       5,495       14,676       18,660         Total persons       1,298       2,464       2,940       28,284       49,017       56,142         Hawaiian/PI w/MI Tx Need       13.8%       22.0%       24.5%       11,425       21,282       24.5%         Persons w/MI Tx Need       78       215       254       11,415       20,416       23,467         Hispanic w/MI Tx Need       21.8%       30.8%       35.7%       11,415       20,416       23,467         Persons w/MI Tx Need       418       1,033       1,448       9,053       22,001       29,358         Total persons       1,917       3,533       4,051       52,399       84,681       96,834         Persons w/MI Tx Need       21,84       10,33       1,448       9,053       22,001       29,358         Total persons       21,917 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,593</td> <td>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td>,</td> <td>35,266</td> <td></td>  |  |   |      |      |      | 1,593  | ,        |        |        |      |        |   |            | ,       | ,         | 35,266  |      |  |  |  |  |
| Total persons1,0601,6161,80232,92448,48351,833Black w/MI Tx Need23,66%35.3%37.4%19.4%29.9%33.2%Persons w/MI Tx Need3068691,100549514,67618,660Total persons1,2982,4642,94028,28449,01756,142Hawaiian/PI w/MI Tx Need13.8%22.0%24.5%14.2%24.5%14.2%24.5%Persons w/MI Tx Need7827.1%25.5411,45120.4623,467Total persons79.71,03630.8%35.7%11,45120.4023,367Persons w/MI Tx Need4181,0331,4489,05322,00129,358Total persons9,1173,5334,05166.3%36.7%16.3%36.8%White Only w/MI Tx Need4181,0331,44810331,44813.8%16.3%16.3%Persons w/MI Tx Need21.3%39.1444.65216.3%16.3%16.3%16.3%Persons w/MI Tx Need23.4%39.3444.45216.3%16.3%16.3%16.3%Persons w/MI Tx Need23.4%39.3444.45216.3%16.3%16.3%16.3%Persons w/MI Tx Need23.4%33.4%34.4%35.8%36.8%36.8%36.8%36.8%36.8%36.8%37.8%37.9%Persons w/MI Tx Need39.3%34.4%34.4%37.3%34.3%34.2%37.9%37.9%37.9  | •  |   |      |      |      | 14.5%  | 20.7%    | 23.3%  |        |      |        |   |            | 11.1%   | 18.2%     | 21.8%   |      |  |  |  |  |
| Black w/MI Tx Need       23.6%       35.3%       37.4%       19.4%       29.9%       33.2%         Persons w/MI Tx Need       306       869       1,100       5,405       14,676       18,660         Total persons       1,298       2,464       2,940       28,284       49,017       56,142         Hawaiian/Pi w/MI Tx Need       13.8%       22.0%       24.5%       11,627       4,325       5,743         Persons w/MI Tx Need       78       215       254       11,627       4,325       5,743         Total persons       555       977       1,036       11,451       20.416       23,467         Hispanic w/MI Tx Need       21.8%       30.8%       35.7%       11,451       20.416       23,467         Persons w/MI Tx Need       14.8       30.3       3,448       30.36       35.7%       30.8%       35.7%       30.8%       35.7%       36.84       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%       35.7%       30.8%   | Persons w/MI Tx Need   |   |      |      |      | 154    | 334      | 420    |        |      |        |   |            | 3,650   | 8,823     | 11,294  |      |  |  |  |  |
| Persons w/MI Tx Need1000 <th< td=""><td>Total persons</td><td></td><td></td><td></td><td></td><td>1,060</td><td>1,616</td><td>1,802</td><td></td><td></td><td></td><td></td><td></td><td>32,924</td><td>48,483</td><td>51,833</td><td></td></th<>  | Total persons  |   |      |      |      | 1,060  | 1,616    | 1,802  |        |      |        |   |            | 32,924  | 48,483    | 51,833  |      |  |  |  |  |
| Total persons1,2982,4642,94028,28449,01756,142Hawaiian/Pl w/MI Tx Need13.8%22.0%24.5%14.2%21.2%24.5%Persons w/MI Tx Need7821525416,274,3255,743Total persons5659771,03611,45120,41623,467Hispanic w/MI Tx Need21.8%30.8%35.7%17.3%26.0%30.3%Persons w/MI Tx Need4181,0331,4489,05322,01129,358Total persons19173,3534,05152,39984,68196,834White Only w/MI Tx Need21.8%39,31444,65241.0%21.6%361,2040.7%Persons w/MI Tx Need21.8%39,31444,65241.0%21.6%361,2040.225Any Minority w/MI Tx Need23,36933.6%36.8%36.8%36.8%36.8%36.8%Persons w/MI Tx Need13,3773,4334,42123,32657,04373,298   | Black w/MI Tx Need   |   |      |      |      | 23.6%  | 35.3%    | 37.4%  |        |      |        |   |            | 19.4%   | 29.9%     | 33.2%   |      |  |  |  |  |
| Hawaiian/Pl w/MI Tx Need       13.8%       22.0%       24.5%         Persons w/MI Tx Need       78       215       254         Total persons       565       977       1,036       11,451       20,416       23,467         Hispanic w/MI Tx Need       21.8%       30.8%       35.7%       17.3%       26.0%       30.3%         Persons w/MI Tx Need       418       1,033       1,448       90,53       22,001       29,358         Total persons       1917       3,353       4,051       52,399       84,681       96,834         Total persons w/MI Tx Need       21,8%       30,3%       4,051       52,399       84,681       96,834         Persons w/MI Tx Need       21,8%       39,314       44,652       36,5%       40.7%         Persons w/MI Tx Need       23,439       39,314       44,652       216,846       361,260       402,225         Any Minority w/MI Tx Need       23,6%       36.8%       36.8%       36.8%       36.8%       36.8%       36.8%       36.8%       36.8%       36.8%       37,98       37,98  | Persons w/MI Tx Need   |   |      |      |      | 306    | 869      | 1,100  |        |      |        |   |            | 5,495   | 14,676    | 18,660  |      |  |  |  |  |
| Persons w/MI Tx Need782152541,6274,3255,743Total persons5659771,03611,45120,41623,467Hispanic w/MI Tx Need21.8%30.8%35.7%17.3%26.0%30.3%Persons w/MI Tx Need4181,0331,4489,05322,00129,358Total persons1,9173,3534,05152,39984,68196,834White Only w/MI Tx Need27.1%36.7%41.0%66.5%40.7%Persons w/MI Tx Need4181,0331,44858,254131,865163,838Total persons23,43939,31444,652216,846361,260402,225Any Minority w/MI Tx Need23,66%36.8%36.8%36.8%36.8%37,938Persons w/MI Tx Need1,3773,4334,42123,32657,04373,298  | Total persons  |   |      |      |      | 1,298  | 2,464    | 2,940  |        |      |        |   |            | 28,284  | 49,017    | 56,142  |      |  |  |  |  |
| Total persons5659771,03611,45120,41623,467Hispanic w/MI Tx Need21.8%30.8%35.7%17.3%26.0%30.3%Persons w/MI Tx Need4181,0331,4489,05322,00129,358Total persons1,9173,3534,05152,39984,68196,834White Only w/MI Tx Need23,43939,31444,65211,44858,254131,865163,838Persons w/MI Tx Need23,43939,31444,65236.8%36.8%36.8%36.8%36.8%36.8%36.8%36.8%36.8%36.8%36.8%37,9837,9837,98   | Hawaiian/PI w/MI Tx Need   |   |      |      |      | 13.8%  | 22.0%    | 24.5%  |        |      |        |   |            | 14.2%   | 21.2%     | 24.5%   |      |  |  |  |  |
| Hispanic w/MI Tx Need21.8%30.8%35.7%17.3%26.0%30.3%Persons w/MI Tx Need4181,0331,4489,05322,00129,358Total persons1,9173,3534,05152,39984,68196,834White Only w/MI Tx Need27.1%36.7%41.0%26.9%36.5%40.7%Persons w/MI Tx Need4181,0331,44858,254131,865163,838Total persons23,43939,31444,652216,846361,260402,225Any Minority w/MI Tx Need23,66%36.8%36.8%18%27,04373,298Persons w/MI Tx Need1,3773,4334,42123,32657,04373,298   | Persons w/MI Tx Need   |   |      |      |      | 78     | 215      | 254    |        |      |        |   |            | 1,627   | 4,325     | 5,743   |      |  |  |  |  |
| Persons w/MI Tx Need4181,0331,4489,05322,00129,358Total persons1,9173,3534,05152,39984,68196,834White Only w/MI Tx Need27.1%36.7%41.0%26.9%36.5%40.7%Persons w/MI Tx Need4181,0331,44858,254131,865163,838Total persons23,43939,31444,652216,846361,260402,225Any Minority w/MI Tx Need23.6%36.8%36.8%36.8%36.8%37,98Persons w/MI Tx Need1,3773,4334,42123,32657,04373,298   | Total persons  |   |      |      |      |        |          | ,      |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Total persons1,9173,3534,05152,39984,68196,834White Only w/MI Tx Need27.1%36.7%41.0%26.9%36.5%40.7%Persons w/MI Tx Need4181,0331,44858,254131,865163,838Total persons23,43939,31444,652216,846361,200402,225Any Minority w/MI Tx Need23.6%36.8%36.8%188%27%31%Persons w/MI Tx Need1,3773,4334,42123,32657,04373,298  | Hispanic w/MI Tx Need  |   |      |      |      | 21.8%  | 30.8%    | 35.7%  |        |      |        |   |            | 17.3%   | 26.0%     | 30.3%   |      |  |  |  |  |
| White Only w/MI Tx Need         27.1%         36.7%         41.0%         26.9%         36.5%         40.7%           Persons w/MI Tx Need         418         1,033         1,448         58,254         131,865         163,838           Total persons         23,439         39,314         44,652         216,846         361,260         402,225           Any Minority w/MI Tx Need         23.6%         36.8%         18%         27%         31%           Persons w/MI Tx Need         1,377         3,433         4,421         23,326         57,043         73,298   | Persons w/MI Tx Need   |   |      |      |      | 418    | 1,033    | 1,448  |        |      |        |   |            | 9,053   | 22,001    | 29,358  |      |  |  |  |  |
| Persons w/MI Tx Need       418       1,033       1,448       58,254       131,865       163,838         Total persons       23,439       39,314       44,652       216,846       361,260       402,225         Any Minority w/MI Tx Need       23.6%       33.6%       36.8%       18%       27%       31%         Persons w/MI Tx Need       1,377       3,433       4,421       23,326       57,043       73,298   | Total persons  |   |      |      |      | 1,917  | 3,353    | 4,051  |        |      |        |   |            | 52,399  | 84,681    | 96,834  |      |  |  |  |  |
| Total persons       23,439       39,314       44,652       216,846       361,260       402,225         Any Minority w/MI Tx Need       23.6%       36.6%       36.8%       18%       27%       31%         Persons w/MI Tx Need       1,377       3,433       4,421       23,326       57,043       73,298   | White Only w/MI Tx Need  |   |      |      |      | 27.1%  | 36.7%    | 41.0%  |        |      |        |   |            | 26.9%   | 36.5%     | 40.7%   |      |  |  |  |  |
| Any Minority w/MI Tx Need         23.6%         33.6%         36.8%         18%         27%         31%           Persons w/MI Tx Need         1,377         3,433         4,421         23,326         57,043         73,298  | Persons w/MI Tx Need   |   |      |      |      | 418    | 1,033    | 1,448  |        |      |        |   |            | 58,254  | 131,865   | 163,838 |      |  |  |  |  |
| Persons w/MI Tx Need 1,377 3,433 4,421 23,326 57,043 73,298  | Total persons  |   |      |      |      | 23,439 | 39,314   | 44,652 |        |      |        |   |            | 216,846 | 361,260   | 402,225 |      |  |  |  |  |
|  | Any Minority w/MI Tx Need  |   |      |      |      | 23.6%  | 33.6%    | 36.8%  |        |      |        |   |            | 18%     | 27%       | 31%     |      |  |  |  |  |
| Total persons 5 8/1 10 21/ 12 003 120 167 212 402 220 499  | Persons w/MI Tx Need   |   |      |      |      | 1,377  | 3,433    | 4,421  |        |      |        |   |            | 23,326  | 57,043    | 73,298  |      |  |  |  |  |
|  | Total persons  |   |      |      |      | 5,841  | 10,214   | 12,003 |        |      |        |   |            | 130,167 | 212,403   | 239,488 |      |  |  |  |  |
| Population by Gender   |  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Females w/MI Tx Need         30.0%         40.7%         45.5%         26.5%         36.8%         41.4%   |  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Persons w/MI Tx Need         4,366         9,836         12,589         47,466         107,650         135,980   |  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Total persons         14,554         24,194         27,642         179,152         292,424         328,130   | •  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Males w/MI Tx Need         22.3%         31.1%         34.4%         19.7%         28.1%         31.5%   | •  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Persons w/MI Tx Need         3,463         8,339         10,609         35,742         85,719         107,561  | •  |   |      |      |      |        |          |        |        |      |        |   |            |         |           |         |      |  |  |  |  |
| Total persons         15,503         26,816         30,840         181,355         305,522         341,583   | Total persons  |   |      |      |      | 15,503 | 26,816   | 30,840 |        |      |        |   |            | 181,355 | 305,522   | 341,583 |      |  |  |  |  |

## SUPPORTING TABLES | Mental Illness Treatment Need



## **Mental Illness Treatment Need Rates**

Among Medicaid-Expansion Adults, by County

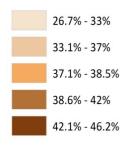
#### **MARCH 2017**

**SFY 2016** 

#### INDICATOR

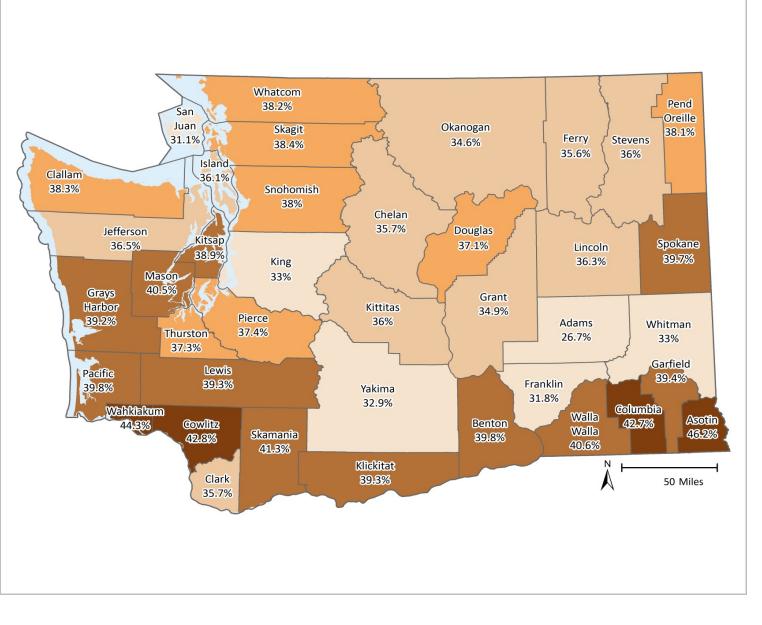
Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### Percent of Medicaid-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.

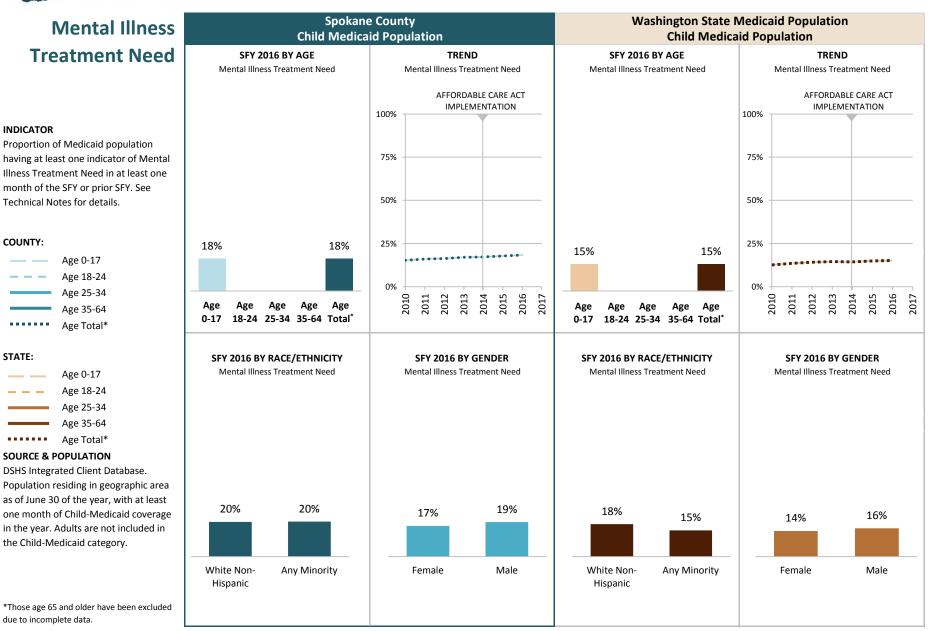




## Behavioral Health Treatment Needs and Outcomes

**MARCH 2017** 

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|                                     |        |        | SUPPO  | RTING   | TABLES   | Men    | tal Illne | ss Tre           | atment  | Need    |                  |         |           |                        |         |      |  |
|-------------------------------------|--------|--------|--------|---------|----------|--------|-----------|------------------|---------|---------|------------------|---------|-----------|------------------------|---------|------|--|
|                                     |        |        |        | Spokane |          |        |           | Washington State |         |         |                  |         |           |                        |         |      |  |
|                                     |        |        |        |         | d Popula | tion   |           |                  |         |         |                  |         | d Populat | tion                   |         |      |  |
| STATE FISCAL YEAR                   |        |        |        |         |          |        |           |                  |         |         |                  |         | •         |                        |         |      |  |
| 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               | 15.3%  | 16.0%  | 16.3%  | 17.0%   | 17.3%    | 17.8%  | 18.4%     |                  | 12.6%   | 13.6%   | 14.2%            | 14.5%   | 14.4%     | 14.9%                  | 15.2%   |      |  |
| Persons w/MI Tx Need                | 7,485  | 8,254  | 8,512  | 9,045   | 9,584    | 10,167 | 11,100    |                  | 78,597  | 88,718  | 94,619           | 98,214  | 102,221   | 109,243                | 116,055 |      |  |
| Total persons                       | 48,797 | 51,427 | 52,264 | 53,094  | 55,484   | 57,268 | 60,490    |                  | 622,410 | 654,270 | 667 <i>,</i> 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 Total <sup>†</sup> w/MI Tx Need | 15.3%  | 16.0%  | 16.3%  | 17.0%   | 17.3%    | 17.8%  | 18.4%     |                  | 12.6%   | 13.6%   | 14.2%            | 14.5%   | 14.4%     | 14.9%                  | 15.2%   |      |  |
| Persons w/MI Tx Need                | 7,485  | 8,254  | 8,512  | 9,045   | 9,584    | 10,167 | 11,100    |                  | 78,597  | 88,718  | 94,619           | 98,214  | 102,221   | 109,243                | 116,055 |      |  |
| Total persons                       | 48,797 | 51,427 | 52,264 | 53,094  | 55,484   | 57,268 | 60,490    |                  | 622,410 | 654,270 | 667,876          | 675,849 | 709,246   | 733,269                | 764,990 |      |  |
| Population by Race-Ethnicity        |        |        |        |         |          |        |           |                  |         |         |                  |         |           |                        |         |      |  |
| Amer Indian w/MI Tx Need            | 22.9%  | 23.1%  | 23.8%  | 24.3%   | 25.3%    | 26.3%  | 27.9%     |                  | 25.0%   | 25.5%   | 26.1%            | 26.6%   | 26.6%     | 27.0%                  | 27.2%   |      |  |
| Persons w/MI Tx Need                | 921    | 955    | 983    | 1,026   | 1,064    | 1,078  | 1,139     |                  | 10,124  | 10,518  | 10,803           | 11,016  | 10,988    | 11,075                 | 11,107  |      |  |
| Total persons                       | 4,014  | 4,137  | 4,127  | 4,217   | 4,202    | 4,099  | 4,087     |                  | 40,515  | 41,202  | 41,376           | 41,439  | 41,319    | 41,049                 | 40,882  |      |  |
| Asian w/MI Tx Need                  | 9.8%   | 10.7%  | 11.4%  | 11.7%   | 11.9%    | 12.9%  | 13.0%     |                  | 8.2%    | 9.2%    | 10.1%            | 10.5%   | 10.4%     | <b>11.0%</b>           | 11.4%   |      |  |
| Persons w/MI Tx Need                | 147    | 170    | 187    | 203     | 216      | 233    | 232       |                  | 2,945   | 3,535   | 4,027            | 4,280   | 4,588     | 5,018                  | 5,242   |      |  |
| Total persons                       | 1,500  | 1,595  | 1,645  | 1,732   | 1,821    | 1,811  | 1,784     |                  | 35,864  | 38,273  | 39,702           | 40,717  | 44,296    | 45,512                 | 46,040  |      |  |
| Black w/MI Tx Need                  | 19.0%  | 19.9%  | 19.3%  | 20.2%   | 20.0%    | 21.7%  | 22.4%     |                  | 15.2%   | 16.5%   | 16.9%            | 17.1%   | 17.1%     | 17.6%                  | 17.7%   |      |  |
| Persons w/MI Tx Need                | 689    | 751    | 775    | 830     | 854      | 944    | 1,018     |                  | 9,732   | 10,966  | 11,601           | 11,996  | 12,406    | 12,998                 | 13,410  |      |  |
| Total persons                       | 3,632  | 3,783  | 4,016  | 4,108   | 4,262    | 4,351  | 4,537     |                  | 64,150  | 66,662  | 68,598           | 70,134  | 72,601    | 74,010                 | 75,736  |      |  |
| Hawaiian/PI w/MI Tx Need            | 8.4%   | 7.8%   | 7.9%   | 7.6%    | 8.2%     | 9.3%   | 9.6%      |                  | 8.5%    | 9.4%    | 10.3%            | 10.7%   | 10.9%     | 11.2%                  | 11.1%   |      |  |
| Persons w/MI Tx Need                | 89     | 110    | 124    | 127     | 147      | 184    | 201       |                  | 2,047   | 2,482   | 2,869            | 3,122   | 3,356     | 3,641                  | 3,824   |      |  |
| Total persons                       | 1,063  | 1,403  | 1,560  | 1,667   | 1,799    | 1,971  | 2,092     |                  | 23,961  | 26,357  | 27,977           | 29,142  | 30,854    | 32,649                 | 34,547  |      |  |
| Hispanic w/MI Tx Need               | 13.9%  | 15.0%  | 16.2%  | 17.3%   | 17.4%    | 17.9%  | 19.4%     |                  | 9.3%    | 10.7%   | 11.7%            | 12.2%   | 12.4%     | 13.2%                  | 13.7%   |      |  |
| Persons w/MI Tx Need                | 597    | 686    | 772    | 860     | 938      | 1,031  | 1,166     |                  | 17,602  | 21,231  | 23,874           | 25,391  | 26,865    | 29,350                 | 31,475  |      |  |
| Total persons                       | 4,289  | 4,561  | 4,761  | 4,975   | 5,383    | 5,773  | 6,022     |                  | 189,491 | 198,644 | 204,066          | 208,176 | 215,914   | 221,917                | 229,009 |      |  |
| White Only w/MI Tx Need             | 15.6%  | 16.5%  | 16.8%  | 17.7%   | 18.0%    | 18.6%  | 19.6%     |                  | 15.6%   | 16.5%   | 17.0%            | 17.4%   | 17.1%     | 17.7%                  | 18.3%   |      |  |
| Persons w/MI Tx Need                | 597    | 686    | 772    | 860     | 938      | 1,031  | 1,166     |                  | 41,012  | 45,050  | 46,938           | 48,308  | 50,093    | 53,199                 | 56,192  |      |  |
| Total persons                       | 34,215 | 35,587 | 35,713 | 35,874  | 37,268   | 37,908 | 39,188    |                  | 262,296 | 273,199 | 276,905          | 277,210 | 292,559   | 299,987                | 307,557 |      |  |
| Any Minority w/MI Tx Need           | 16.5%  | 17.1%  | 17.4%  | 18.0%   | 18.2%    | 18.9%  | 19.8%     |                  | 11%     | 13%     | 13%              | 14%     | 14%       | 14%                    | 15%     |      |  |
| Persons w/MI Tx Need                | 2,062  | 2,289  | 2,419  | 2,596   | 2,749    | 2,959  | 3,197     |                  | 36,497  | 41,975  | 45,769           | 47,952  | 49,979    | 53,474                 | 56,412  |      |  |
| Total persons                       | 12,499 | 13,360 | 13,913 | 14,418  | 15,118   | 15,650 | 16,161    |                  | 317,712 | 332,784 | 341,709          | 348,713 | 363,042   | 372,845                | 383,534 |      |  |
| Population by Gender                | ,      |        | ,      |         |          | ,      |           |                  | ,       | , -     | ,                |         |           |                        |         |      |  |
| Females w/MI Tx Need                | 13.9%  | 14.6%  | 14.8%  | 15.6%   | 15.8%    | 16.7%  | 17.3%     |                  | 11.4%   | 12.3%   | 12.8%            | 13.3%   | 13.3%     | 14.0%                  | 14.4%   |      |  |
| Persons w/MI Tx Need                | 3,331  | 3,671  | 3,790  | 4,029   | 4,286    | 4,662  | 5,104     |                  | 35,149  | 39,693  | 42,300           | 44,175  | 46,483    | 50,562                 | 54,303  |      |  |
| Total persons                       | 24,048 | 25,226 | 25,595 | 25,888  | 27,127   | 27,942 | 29,545    |                  | 307,470 | 322,864 | 329,266          | 332,856 | 349,317   | 361,062                | 376,667 |      |  |
| Males w/MI Tx Need                  | 16.8%  | 17.5%  | 17.7%  | 18.4%   | 18.7%    | 18.8%  | 19.4%     |                  | 13.8%   | 14.8%   | 15.5%            | 15.8%   | 15.5%     | 15.8%                  | 15.9%   |      |  |
| Persons w/MI Tx Need                | 4,154  | 4,583  | 4,722  | 5,016   | 5,298    | 5,505  | 5,996     |                  | 43,448  | 49,025  | 52,319           | 54,039  | 55,738    | 58,681                 | 61,752  |      |  |
| Total persons                       | 24,749 | 26,201 | 26,669 | 27,206  | 28,357   | 29,326 | 30,945    |                  | 314,940 | 331,406 | 338,610          | 342,993 | 359,929   | 372,207                | 388,323 |      |  |
| ·                                   | 2.,,   | ,      | ,000   | ,_00    | ,00,     | ,0_0   | ,5 .5     | 1                | ,5.10   | ,       | ,010             | 2.2,555 | ,525      | <u>-</u> , <b>-</b> 0, | ,520    |      |  |



## **Mental Illness Treatment Need Rates**

Among Medicaid-Children, by County

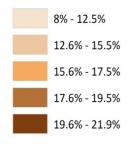
#### MARCH 2017

## **SFY 2016**

#### INDICATOR

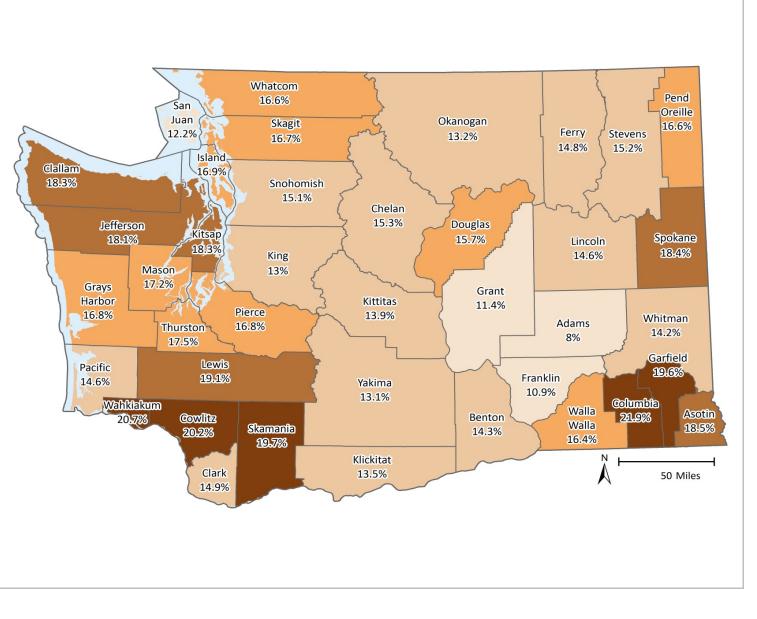
Proportion of Medicaid population having at least one indicator of Mental Illness Tx Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

# 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.





## **Behavioral Health Treatment Needs and Outcomes**

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## 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.



#### **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 subpopulations 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.



|                            |        |        |        | • • • • • • |          |          |                                      |      |         |         |         |         |         |         |         |      |  |  |
|----------------------------|--------|--------|--------|-------------|----------|----------|--------------------------------------|------|---------|---------|---------|---------|---------|---------|---------|------|--|--|
|                            |        | S      | pokane | County      | Medicaio | l Popula | Washington State Medicaid Population |      |         |         |         |         |         |         |         |      |  |  |
| STATE FISCAL YEAR          |        |        |        |             |          |          |                                      |      |         |         |         |         |         |         |         |      |  |  |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013        | 2014     | 2015     | 2016                                 | 2017 | 2010    | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017 |  |  |
| Medicaid-Disabled          | 27.0%  | 27.8%  | 29.1%  | 30.5%       | 32.6%    | 31.0%    | 32.4%                                |      | 28.4%   | 29.8%   | 30.4%   | 31.0%   | 31.8%   | 29.4%   | 30.3%   |      |  |  |
| Persons w/SUD Tx Need      | 2,832  | 2,983  | 3,375  | 3,782       | 3,936    | 2,784    | 2,917                                |      | 32,532  | 35,074  | 37,504  | 40,003  | 38,708  | 26,953  | 27,320  |      |  |  |
| Total persons              | 10,471 | 10,718 | 11,586 | 12,417      | 12,068   | 8,972    | 9,001                                |      | 114,461 | 117,789 | 123,249 | 129,155 | 121,553 | 91,544  | 90,229  |      |  |  |
| Medicaid-Classic Adults    | 14.2%  | 14.3%  | 14.3%  | 15.1%       | 15.8%    | 17.1%    | 18.3%                                |      | 15.0%   | 15.0%   | 15.1%   | 15.4%   | 14.7%   | 14.7%   | 15.9%   |      |  |  |
| Persons w/SUD Tx Need      | 2,628  | 2,765  | 2,723  | 2,818       | 3,114    | 3,340    | 3,438                                |      | 28,043  | 29,486  | 29,458  | 29,582  | 30,692  | 31,376  | 32,150  |      |  |  |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620      | 19,682   | 19,580   | 18,737                               |      | 187,116 | 196,466 | 195,423 | 192,285 | 209,200 | 212,897 | 202,682 |      |  |  |
| Medicaid-Expansion Adults  |        |        |        |             | 13.9%    | 19.0%    | 19.9%                                |      |         |         |         |         | 12.3%   | 16.4%   | 17.6%   |      |  |  |
| Persons w/SUD Tx Need      |        |        |        |             | 4,175    | 9,681    | 11,647                               |      |         |         |         |         | 44,496  | 98,286  | 117,882 |      |  |  |
| Total persons              |        |        |        |             | 30,057   | 51,010   | 58,482                               |      |         |         |         |         | 360,507 | 597,946 | 669,713 |      |  |  |
| Medicaid-Children          | 6.0%   | 5.7%   | 5.8%   | 5.1%        | 4.8%     | 4.9%     | 4.5%                                 |      | 4.9%    | 4.9%    | 5.0%    | 5.0%    | 4.7%    | 4.6%    | 4.2%    |      |  |  |
| Persons w/SUD Tx Need      | 776    | 795    | 833    | 748         | 753      | 784      | 783                                  |      | 7,963   | 8,536   | 8,867   | 9,218   | 9,330   | 9,510   | 9,068   |      |  |  |
| Total persons              | 12,970 | 13,880 | 14,281 | 14,590      | 15,547   | 16,117   | 17,222                               |      | 162,627 | 173,386 | 178,968 | 183,694 | 198,942 | 207,420 | 218,447 |      |  |  |

### SUPPORTING TABLES | Substance Use Disorder Treatment Need

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.



INDICATOR

COUNTY:

STATE:

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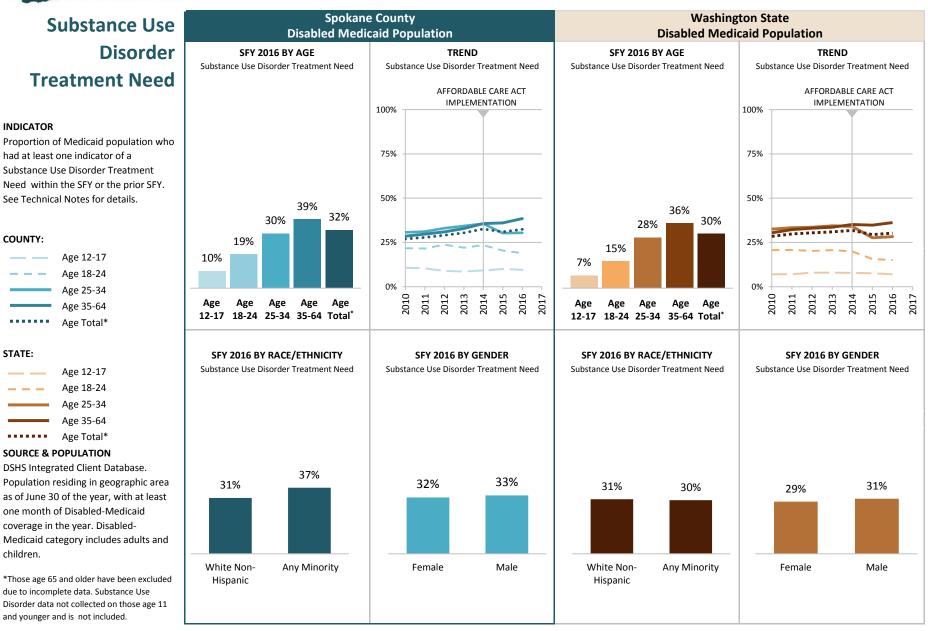
children.

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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|                                      |              | SUPI                 | -                    | -       |              | bstanc                | e Use D               | isorde | r Treatr     | nent N                 |              |                       |                        |                        |                        |      |
|--------------------------------------|--------------|----------------------|----------------------|---------|--------------|-----------------------|-----------------------|--------|--------------|------------------------|--------------|-----------------------|------------------------|------------------------|------------------------|------|
|                                      |              |                      |                      | Spokane |              |                       | Washington State      |        |              |                        |              |                       |                        |                        |                        |      |
|                                      |              |                      | Disable              | d Medic | aid Popu     | lation                |                       |        |              |                        | Disable      | d Medica              | aid Popul              | ation                  |                        |      |
| STATE FISCAL YEAR                    |              |                      |                      |         |              |                       |                       |        |              |                        |              |                       |                        |                        |                        |      |
| 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              | 10.7%        | 10.4%                | 9.0%                 | 8.6%    | 9.2%         | 10.1%                 | 9.6%                  |        | 7.0%         | 7.1%                   | 7.9%         | 8.0%                  | 7.9%                   | 7.6%                   | 7.1%                   |      |
| Persons w/SUD Tx Need                | 70           | 71                   | 66                   | 67      | 76           | 82                    | 81                    |        | 447          | 466                    | 550          | 579                   | 582                    | 565                    | 553                    |      |
| Total persons                        | 652          | 681                  | 734                  | 783     | 825          | 815                   | 845                   |        | 6,359        | 6,574                  | 6,923        | 7,275                 | 7,359                  | 7,425                  | 7,805                  |      |
| Age 18-24 w/SUD Tx Need              | 21.8%        | 21.6%                | 23.8%                | 22.1%   | 23.5%        | 20.4%                 | 18.9%                 |        | 20.7%        | 20.8%                  | 20.3%        | 20.7%                 | 20.0%                  | 15.6%                  | 15.1%                  |      |
| Persons w/SUD Tx Need                | 259          | 256                  | 294                  | 284     | 285          | 204                   | 186                   |        | 2,577        | 2,606                  | 2,546        | 2,636                 | 2,374                  | 1,529                  | 1,454                  |      |
| Total persons                        | 1,188        | 1,187                | 1,236                | 1,287   | 1,214        | 999                   | 982                   |        | 12,428       | 12,515                 | 12,560       | 12,748                | 11,876                 | 9,790                  | 9,630                  |      |
| Age 25-34 w/SUD Tx Need              | 30.7%        | 31.1%                | 33.0%                | 34.3%   | 35.6%        | 30.3%                 | 30.5%                 |        | 32.5%        | 33.3%                  | 33.6%        | 34.4%                 | 34.1%                  | 27.6%                  | 28.3%                  |      |
| Persons w/SUD Tx Need                | 504          | 526                  | 604                  | 676     | 687          | 421                   | 428                   |        | 5,513        | 5,825                  | 6,171        | 6,661                 | 6,273                  | 3,767                  | 3,852                  |      |
| Total persons                        | 1,640        | 1,689                | 1,828                | 1,969   | 1,930        | 1,389                 | 1,405                 |        | 16,942       | 17,492                 | 18,352       | 19,368                | 18,422                 | 13,637                 | 13,622                 |      |
| Age 35-64 w/SUD Tx Need              | 28.6%        | 29.7%                | 31.0%                | 32.9%   | 35.7%        | 36.0%                 | 38.5%                 |        | 30.5%        | 32.2%                  | 33.1%        | 33.6%                 | 35.1%                  | 34.8%                  | 36.3%                  |      |
| Persons w/SUD Tx Need                | 1,999        | 2,130                | 2,411                | 2,755   | 2,888        | 2,077                 | 2,222                 |        | 23,995       | 26,177                 | 28,237       | 30,127                | 29,479                 | 21,092                 | 21,461                 |      |
| Total persons                        | 6,991        | 7,161                | 7,788                | 8,378   | 8,099        | 5,769                 | 5,769                 |        | 78,732       | 81,208                 | 85,414       | 89,764                | 83,896                 | 60,692                 | 59,172                 |      |
| Age Total <sup>†</sup> w/SUD Tx Need | 27.0%        | 27.8%                | 29.1%                | 30.5%   | 32.6%        | 31.0%                 | 32.4%                 |        | 28.4%        | 29.8%                  | 30.4%        | 31.0%                 | 31.8%                  | 29.4%                  | 30.3%                  |      |
| Persons w/SUD Tx need                | 2,832        | 2,983                | 3,375                | 3,782   | 3,936        | 2,784                 | 2,917                 |        | 32,532       | 35,074                 | 37,504       | 40,003                | 38,708                 | 26,953                 | 27,320                 |      |
| Total persons                        | 10,471       | 10,718               | 11,586               | 12,417  | 12,068       | 8,972                 | 9,001                 |        | 114,461      | 117,789                | 123,249      | 129,155               | 121,553                | 91,544                 | 90,229                 |      |
| Population by Race-Ethnicity         |              |                      |                      |         |              |                       |                       |        |              |                        |              |                       |                        |                        |                        |      |
| Amer Indian w/SUD Tx Need            | 40.3%        | 40.9%                | 42.6%                | 44.4%   | 46.1%        | 47.2%                 | 45.8%                 |        | 41.5%        | 42.8%                  | 42.7%        | 43.3%                 | 44.1%                  | 42.3%                  | 42.8%                  |      |
| Persons w/SUD Tx Need                | 477          | 495                  | 555                  | 593     | 611          | 484                   | 467                   |        | 4,848        | 5,139                  | 5,311        | 5,601                 | 5,404                  | 4,018                  | 3,962                  |      |
| Total persons                        | 1,185        | 1,210                | 1,304                | 1,337   | 1,325        | 1,026                 | 1,020                 |        | 11,672       | 11,997                 | 12,429       | 12,930                | 12,250                 | 9,501                  | 9,263                  |      |
| Asian w/SUD Tx Need                  | 19.0%        | 16.4%                | 19.1%                | 21.9%   | 21.6%        | 22.4%                 | 24.0%                 |        | 14.8%        | 16. <b>0</b> %         | 16.8%        | 17.8%                 | 17.9%                  | 15.4%                  | 16.6%                  |      |
| Persons w/SUD Tx Need                | 36           | 31                   | 42                   | 53      | 54           | 43                    | 44                    |        | 855          | 943                    | 1,006        | 1,123                 | 1,065                  | 705                    | 740                    |      |
| Total persons                        | 189          | 189                  | 220                  | 242     | 250          | 192                   | 183                   |        | 5,775        | 5,897                  | 6,004        | 6,310                 | 5,940                  | 4,590                  | 4,462                  |      |
| Black w/SUD Tx Need                  | 33.4%        | 35.7%                | 35.9%                | 35.9%   | 38.3%        | 39.1%                 | 36.7%                 |        | 35.4%        | 36.4%                  | 36.6%        | 37.0%                 | 36.8%                  | 33.8%                  | 34.0%                  |      |
| Persons w/SUD Tx Need                | 209          | 244                  | 272                  | 303     | 332          | 267                   | 255                   |        | 4,970        | 5,357                  | 5,767        | 6,166                 | 5,916                  | 4,174                  | 4,197                  |      |
| Total persons                        | 625          | 683                  | 758                  | 845     | 867          | 682                   | 695                   |        | 5,775        | 5,897                  | 6,004        | 6,310                 | 5,940                  | 4,590                  | 4,462                  |      |
| Hawaiian/PI w/SUD Tx Need            | 26.7%        | 25.2%                | 29.8%                | 27.3%   | 30.9%        | 29.4%                 | 32.4%                 |        | 21.3%        | 22.3%                  | 23.1%        | 23.1%                 | 22.5%                  | 18.3%                  | 21.2%                  |      |
| Persons w/SUD Tx Need                | 27           | 27                   | 34                   | 36      | 43           | 30                    | 34                    |        | 494          | 561                    | 605          | 653                   | 617                    | 383                    | 445                    |      |
| Total persons                        | 101          | 107                  | 114                  | 132     | 139          | 102                   | 105                   |        | 2,318        | 2,513                  | 2,622        | 2,827                 | 2,748                  | 2,092                  | 2,102                  |      |
| Hispanic w/SUD Tx Need               | 29.0%        | 29.5%                | 27.6%                | 26.7%   | 28.7%        | 27.1%                 | 26.5%                 |        | 23.3%        | 24.8%                  | 25.3%        | 24.9%                 | 25.2%                  | 21.5%                  | 23.2%                  |      |
| Persons w/SUD Tx Need                | 114          | 127                  | 136                  | 141     | 140          | 105                   | 116                   |        | 2,097        | 2,414                  | 2,696        | 2,854                 | 2,778                  | 1,878                  | 2,067                  |      |
| Total persons                        | 393          | 431                  | 493                  | 528     | 488          | 388                   | 438                   |        | 9,015        | 9,737                  | 10,656       | 11,484                | 11,007                 | 8,731                  | 8,893                  |      |
| White Only w/SUD Tx Need             | 25.5%        | 26.2%                | 27.6%                | 29.0%   | 31.3%        | 29.1%                 | 31.4%                 |        | 27.7%        | <b>29.2%</b>           | <b>30.1%</b> | 30.8%                 | 32.0%                  | 29.8%                  | <b>30.8%</b>           |      |
| Persons w/SUD Tx Need                | 2,073        | 2,158                | 2,448                | 2,758   | 2,870        | 1,961                 | 2,109                 |        | 20,527       | 22,085                 | 23,588       | 25,164                | 24,481                 | 16,906                 | 17,110                 |      |
| Total persons                        | 8,140        | 8,251                | 8,855                | 9,499   | 9,175        | 6,737                 | 6,721                 |        | 74,029       | 75,538                 | 78,428       | 81,810                | 76,590                 | 56,723                 | 55,544                 |      |
| Any Minority w/SUD Tx Need           | <b>33.7%</b> | 34.6%                | 35.0%                | 36.3%   | <b>38.1%</b> | <b>38.4%</b>          | <b>37.1%</b>          |        | <b>31%</b>   | <b>32%</b>             | <b>32%</b>   | <b>32%</b>            | <b>32%</b>             | <b>30</b> ,723         | <b>30%</b>             |      |
| Persons w/SUD Tx Need                | 758          | <b>54.0</b> %<br>818 | <b>33.0</b> %<br>914 |         |              | <b>30.476</b><br>816  | 801                   |        |              |                        |              | <b>3276</b><br>14,653 | <b>3276</b><br>14,057  |                        |                        |      |
| Total persons                        | 2,247        |                      |                      | 1,007   | 1,049        |                       |                       |        | 11,918       | 12,864<br>40,642       | 13,735       | 45,447                |                        | 9,923                  | 10,076                 |      |
| Population by Gender                 | 2,247        | 2,367                | 2,608                | 2,773   | 2,750        | 2,126                 | 2,159                 | _      | 39,006       | 40,042                 | 43,041       | 45,447                | 43,275                 | 33,502                 | 33,266                 |      |
| Females w/SUD Tx Need                | 23.0%        | 23.7%                | 25.6%                | 26.6%   | 29.1%        | 30.0%                 | 31.8%                 | _      | 24.4%        | 25.7%                  | 26.6%        | 27.2%                 | 28.4%                  | 28.1%                  | 29.5%                  |      |
| Persons w/SUD Tx Need                | 1,202        | 1,276                | 1,470                | 1,615   | 1,689        | 1,328                 | 1,397                 |        | 14,101       | 15,233                 | 16,342       | 17,286                | 16,918                 | 12,802                 | 13,119                 |      |
| Total persons                        | 5,215        | 5,389                | 5,743                | 6,062   | 5,797        | 4,428                 | 4,393                 |        | 57,858       | 13,233<br>59,375       | 61,473       | 63,561                | 59,484                 | 45,639                 | 44,545                 |      |
| Males w/SUD Tx Need                  |              |                      | 32.6%                |         | 35.8%        | 4,428<br><b>32.0%</b> | 4,393<br><b>33.0%</b> |        |              | 39,375<br><b>34.0%</b> | <b>34.3%</b> | <b>34.6%</b>          | 39,484<br><b>35.1%</b> | 45,639<br><b>30.8%</b> | 44,545<br><b>31.1%</b> |      |
| Persons w/SUD Tx Need                | <b>31.0%</b> | <b>32.0%</b>         |                      | 34.1%   |              |                       |                       |        | <b>32.6%</b> |                        |              |                       |                        |                        |                        |      |
|                                      | 1,630        | 1,707                | 1,905                | 2,167   | 2,247        | 1,456                 | 1,520                 |        | 18,431       | 19,841                 | 21,162       | 22,717                | 21,790                 | 14,151                 | 14,201                 |      |
| Total persons                        | 5,256        | 5,329                | 5,843                | 6,355   | 6,271        | 4,544                 | 4,608                 |        | 56,603       | 58,414                 | 61,776       | 65,594                | 62,069                 | 45,905                 | 45,684                 |      |

### SUPPORTING TABLES | Substance Use Disorder Treatment Need



## Substance Use Disorder Treatment Need Rates

Among Medicaid-Disabled Youth and Adults, by County

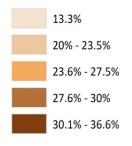
**MARCH 2017** 

## 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.

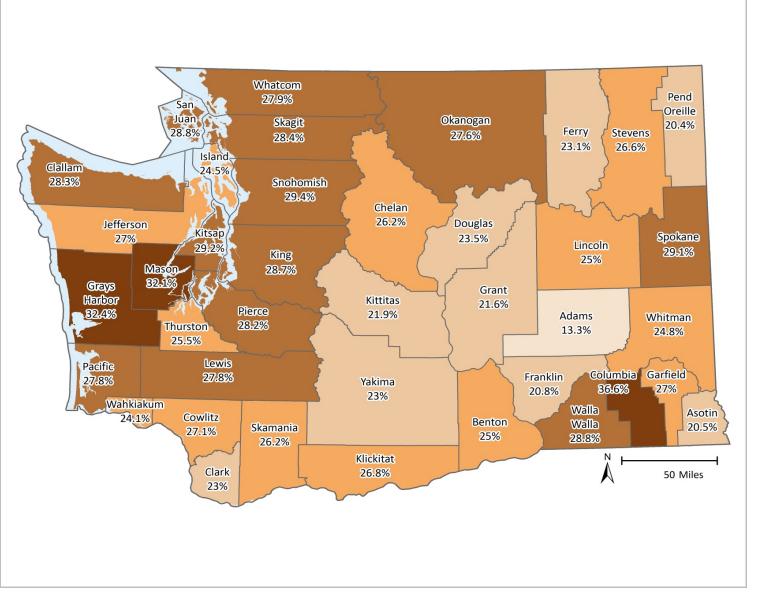
### Percent of Medicaid-Disabled Youth and Adults with Substance Use Disorder Tx Need



#### 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.





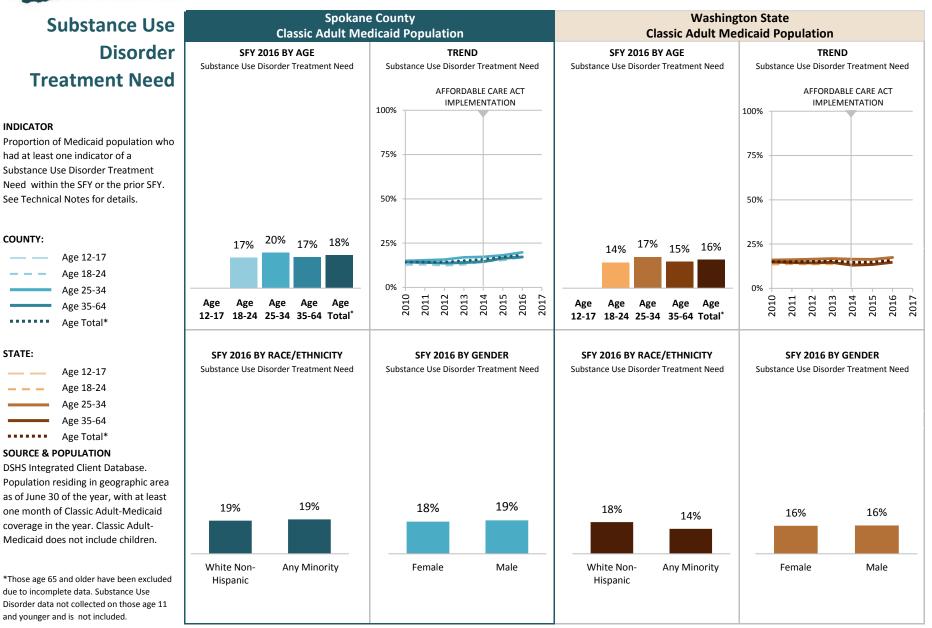
STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

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| Spackar County Value         Value To Value         Value To Value         Value To Value         Value To Value           STATE FISCAL YEAR         Value         Value <th colspan="4" th="" valu<<=""><th></th><th></th><th>SUPI</th><th>PORTIN</th><th></th><th></th><th>ustanc</th><th>e use D</th><th>isorae</th><th>r Treatr</th><th>nent N</th><th></th><th></th><th></th><th></th><th></th><th></th></th>   | <th></th> <th></th> <th>SUPI</th> <th>PORTIN</th> <th></th> <th></th> <th>ustanc</th> <th>e use D</th> <th>isorae</th> <th>r Treatr</th> <th>nent N</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> |        |        |            |          |          | SUPI     | PORTIN |      |         | ustanc  | e use D    | isorae   | r Treatr  | nent N  |         |      |  |  |  |  |
|--|--|--------|--------|------------|----------|----------|----------|--------|------|---------|---------|------------|----------|-----------|---------|---------|------|--|--|--|--|
| STATE FIGAL YEAR         Pointaino J. Veal         2010         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2012         2013         2014         2015         2016         2011         2014         2015         2016         2011         2014         2015         2015         2016         2011         2012         2013         2014         2015         2015         2016         2015         2015         2015         2015         2015         2015         2015         2015         2015         2015         2015         2015  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Population by Age  |  |        | (      | Classic Ac | lult Med | icaid Po | pulation |        |      |         | C       | Classic Ad | dult Med | icaid Pop | ulation |         |      |  |  |  |  |
| jape 12.1         junction Ta Need<br>Total persons         junction         junction <thjunction< th=""> <thjunction< th=""> <thj< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>2016</th><th>2017</th><th></th><th></th><th></th><th></th><th></th><th></th><th>2046</th><th></th></thj<></thjunction<></thjunction<>  |  |        |        |            |          |          |          | 2016   | 2017 |         |         |            |          |           |         | 2046    |      |  |  |  |  |
| Persons w/JUD Tx Need         12.8%         12.4%         12.9%         16.5%         15.7%         13.7%         13.7%         13.7%         13.6%<   |  | 2010   | 2011   | 2012       | 2013     | 2014     | 2015     | 2016   | 2017 | 2010    | 2011    | 2012       | 2013     | 2014      | 2015    | 2016    | 2017 |  |  |  |  |
| Total persons         Persons (MSUD TN Need         12.8% <t< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Age 12-4         MSUD Tx Need         12.8%         12.4%         12.9%         13.5%         13.7%         13.5%         13.7%         13.5%         13.7%         13.5%         13.7%         13.5%         13.7%         13.5%         13.7%  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons WSUD Tx Need         676         631         597         573         448         346         2578         7.235         7.230         6.809         6.406         5.700         4.733         4.737           Total persons         5.285         5.505         4.824         4.481         3.462         5.206         5.326         5.326         5.328         5.300         4.673         3.537           Persons WSUD Tx Need         1.241         4.331         1.376         1.376         1.758         1.201         1.211         1.312         4.413         1.326         1.422         1.438         4.148         1.527         1.219         1.217         8.173         4.433         4.338         4.148         1.656         1.727         4.933         4.648         4.835         1.121         1.171         1.528         1.239         1.239         1.433         1.438         1.128         1.437         1.2371         1.2371         1.2371         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.238         1.   | •  | 12.00/ | 13.00/ | 13 40/     | 12.00/   | 44 50/   | 45 30/   | 17.00/ |      | 13 50/  | 13 70/  | 13 50/     | 13 70/   | 12 00/    | 12 60/  | 14 20/  |      |  |  |  |  |
| Total persons         5.283         5.073         4.822         4.491         3.943         3.127         2.678         53.442         5.028         4.708         7.282         4.947         7.282         4.947         7.282         4.947         7.282         4.947         7.282         4.947         7.281         7.237         4.635         1.628   | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| space 3-34 w/SUD Tx Need         1.5,%         15.3%         15.8%         1.7.4         15.3%         1.8.8%         1.6.3%         1.5.7%         1.6.3%         1.6.5%         1.6.8%         1.6.5%         1.6.3%         1.6.5%         1.6.3%         1.6.5%         1.6.3%         1.6.5%         1.6.3%         1.6.3%         1.5.7%           Total persons         S.201         S.215         S.215<  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons w/SUD Tx Need         1,241         1,243         1,243         1,245         1,256         1,265         1,265         1,275         1,232         1,430         1,4,30         1,275         1,232         1,430         1,430         1,275         1,232         1,430         1,430         1,275         1,232         1,237         1,230   | •  |        | ,      |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons         8.211         8.813         8.730         8.68         9.034         9.024         8.520         74.65         84.737         8.134         9.034         9.732           Age 35-64 w/SUD Tx Need         700         7.31         7.30         7.83         7.7         1.23         1.207         1.630         8.438         9.541         6.375         7.7         1.23         1.207         5.408         5.838         5.9387         7.033         7.73 <t< td=""><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Age 3 6-4 w/SUD Tx Need14.3%14.3%14.1%14.6%16.5%17.2%12.9%14.9%14.6%14.4%14.7%13.1%13.5%17.7%12.9%Total persons4.965.39%5.405.486.757.407.5305.408.4038.0148.6148.771.13912.97Age Total w/SUD Tx Need14.2%14.2%14.3%15.1%15.8%17.1%15.8%17.1%15.8%15.0%15.0%15.0%15.0%15.0%15.0%15.0%15.1%15.8%16.7%16.9%14.4%14.7%14.7%15.9%13.7%15.9%15.7%15.9%15.0%15.0%15.1%15.4%14.7%15.9%13.7%13.7%15.9%15.7%15.9%15.7%15.9%15.7%15.7%15.9%15.7%1  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons w/SUD Tx Need79979979970897771,21971,21  | •  | ,      |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons       4.990       5.400       5.461       6.705       7.06       7.500       75.06   | •  | 14.3%  | 14.1%  | 13.8%      | 14.1%    |          | 16.5%    | 17.2%  |      | 14.9%   | 14.6%   | 14.4%      | 14.7%    | 13.1%     | 13.5%   | 14.7%   |      |  |  |  |  |
| Age foral* w/SUD Tx need       14.3%       14.3%       15.1%       15.1%       15.3%       17.1%       13.3%       1   | Persons w/SUD Tx Need  | 709    | 761    | 750        | 768      | 977      | 1,219    | 1,297  |      | 8,073   | 8,493   | 8,614      | 8,876    | 10,132    | 11,718  | 12,599  |      |  |  |  |  |
| Persons w/SUD Tx need         2,628         2,728         2,728         2,818         3,114         3,40         3,480         12,803         12,903         12,902   | Total persons  | 4,950  | 5,399  | 5,440      | 5,461    | 6,705    | 7,406    | 7,530  |      | 54,048  | 58,368  | 59,987     | 60,533   | 77,257    | 86,785  | 85,486  |      |  |  |  |  |
| Total persons         18,52         19,29         19,00         18,70         19,710         197,10         196,40         192,28         209,20         21,287         20,282           Population by Race-Ethnicity           30,38         30,68         31,58         30,88         31,38         30,28         20,920         21,287         20,283           Persons w/SUD Tx Need         453         467         488         486         446         486         4,917         4,931         4,868         4,77         4,588         4,90           Asian w/SUD Tx Need         82,98         8,78         1,784         1,537         1,744         1,550         1,538         1,535         1,133         1,173  | Age Total <sup>†</sup> w/SUD Tx Need   | 14.2%  | 14.3%  | 14.3%      | 15.1%    | 15.8%    | 17.1%    | 18.3%  |      | 15.0%   | 15.0%   | 15.1%      | 15.4%    | 14.7%     | 14.7%   | 15.9%   |      |  |  |  |  |
| Depulation by Race-thinkity         Value         26.8%         26.4%         27.1%         30.2%         30.5%         31.5%         30.9%         30.6%         31.1%         31.3%         30.8%         30.6%           Persons VSUD Tx Need         451         467         488         431         498         455         446         4866         4,917         4,931         4,868         4,776         4,558         4,490           Total persons         1.685         1,768         1,804         1,734         1.650         1,527         1,605         1,536         1,536         1,536         1,536         1,536         1,536         1,536         1,536         1,536         1,536         1,536         1,781         1,971         1,013         1,023         1,014         1,04%         1,013         1,125         1,125         1,055         1,586         1,283         1,120         1,516         1,536         1,283  | Persons w/SUD Tx need  | 2,628  | 2,765  | 2,723      | 2,818    | 3,114    | 3,340    | 3,438  |      | 28,043  | 29,486  | 29,458     | 29,582   | 30,692    | 31,376  | 32,150  |      |  |  |  |  |
| Amer Indian w/SUD Tx Need         26.8%         26.4%         27.1%         30.2%         30.5%         31.5%         30.9%         30.6%         31.1%         31.3%         30.8%         30.9%         32.6%           Persons w/SUD Tx Need         451         467         448         441         498         465         466         4,917         4,588         4,776         4,558         1,780           Asian w/SUD Tx Need         8.2%         8.0%         8.1%         9.5%         10.8%         10.0%         10.4%         10.1%         9.7%         10.0%         8.8%         8.1%         8.8%           Persons w/SUD Tx Need         39         42         43         53         66         61         926         997         1.031         1.042         1.132         1.123         1.123           Black w/SUD Tx Need         20.2%         17.9%         18.5%         17.6%         1.4%         1.4%         1.4%         1.4%         1.4%         1.4%         1.4%         1.4%         1.4%         3.30         3.30           Total persons         996         1.042         1.017         1.125         1.065         1.059         8.965         3.032         3.027         3.32         3.30   | Total persons  | 18,526 | 19,289 | 19,002     | 18,620   | 19,682   | 19,580   | 18,737 |      | 187,116 | 196,466 | 195,423    | 192,285  | 209,200   | 212,897 | 202,682 |      |  |  |  |  |
| Persons w/SUD Tx Need       451       467       488       481       498       465       446       4,866       4,917       4,931       4,888       4,776       4,553       4,401         Total persons       1,685       1,768       1,768       1,781       1,650       1,724       1,655       15,201       14,74       1,731       1,733       1,731       1,731       1,731       1,731       1,731       1,733       1,731       1,733       1,731       1,731       1,731       1,731       1,731       1,731       1,731       1,731   | Population by Race-Ethnicity   |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons       1,685       1,768       1,904       1,734       1,650       1,527       1,414       15,724       16,055       15,80       15,536       15,536       15,736       14,748       13,700         Asian w/SUD Tx Need       82.9%       8.0%       53.36       62.9       62.9       59.8       61.0       92.6       997       10.0%       8.8%       8.1%       8.8%         Black w/SUD Tx Need       20.2%       17.9%       18.2%       15.6%       17.4%       21.1%       20.4%       15.9%       10.8%       10.0%       8.9%       10.3%       10.4%       13.8%   | -  | 26.8%  | 26.4%  | 27.1%      | 27.7%    | 30.2%    | 30.5%    | 31.5%  |      | 30.9%   | 30.6%   | 31.1%      | 31.3%    | 30.8%     | 30.9%   | 32.6%   |      |  |  |  |  |
| Asian w/SUD Tx Need8.2%8.0%8.1%9.5%10.8%10.0%10.2%10.1%9.7%10.0%8.8%8.1%8.8%Persons w/SUD Tx Need394243536868619971.001.021.1231.1231.123Black w/SUD Tx Need20.2%17.9%18.2%15.6%7.4%21.1%20.4%15.1%14.9%16.6%14.4%14.5%14.6%14.5%15.8%15.8%Persons w/SUD Tx Need2011871.0171.0711.0711.0751.051.05%1.04%1.08%3.2423.2513.2413.3423.3003.320Total persons9961.0.3%1.0.1%1.0711.0711.051.051.05%1.04%10.4%1.03%1.28261.3001.320Persons w/SUD Tx Need11.3%10.1%9.8%7.5%8.3%8.0%7.6%10.4%10.6%1.2823.9093.90Persons w/SUD Tx Need11.3%1.5%1.6%1.5%1.5%1.5%1.6%1.6%1.6%1.041.051.0%1.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.041.051.051.041.051.041.051.051.051.051.051.05<  | Persons w/SUD Tx Need  | 451    | 467    | 488        | 481      | 498      | 465      | 446    |      | 4,866   | 4,917   | 4,931      | 4,868    | 4,776     | 4,558   | 4,490   |      |  |  |  |  |
| Persons w/SUD Tx Need       39       42       43       53       68       63       61       926       997       1,00       1,123       1,233       1,365       1,233       1,365       1,233       1,365       1,233       1,236       1,236       1,233       1,233 <td>Total persons</td> <td>1,685</td> <td>1,768</td> <td>1,804</td> <td>1,734</td> <td>1,650</td> <td>1,527</td> <td>1,414</td> <td></td> <td>15,724</td> <td>16,055</td> <td>15,880</td> <td>15,536</td> <td>15,526</td> <td>14,748</td> <td>13,780</td> <td></td>  | Total persons  | 1,685  | 1,768  | 1,804      | 1,734    | 1,650    | 1,527    | 1,414  |      | 15,724  | 16,055  | 15,880     | 15,536   | 15,526    | 14,748  | 13,780  |      |  |  |  |  |
| Total persons       475       524       534       558       629       528       598       8,967       10,383       10,472       12,826       13,850       13,283         Black w/SUD Tx Need       20.2%       17.9%       18.2%       15.6%       17.4%       21.1%       20.4%       15.1%       14.9%       14.6%       14.4%       14.5%       14.6%       15.5%       15.1%       14.9%       14.6%       14.5%       14.6%       15.5%       15.1%       14.9%       14.6%       14.5%       14.6%       15.5%       15.1%       14.9%       14.6%       14.5%       14.6%       13.28       3.308       3.308       3.308       3.301       3.212       3.241       3.382       3.308       3.308       3.308       3.301       3.212       3.241       3.382       3.308       3.308       3.308       3.221       3.241       3.382       3.308       3.308       3.308       3.301       3.217       3.381       3.308 <td>Asian w/SUD Tx Need</td> <td>8.2%</td> <td>8.0%</td> <td>8.1%</td> <td>9.5%</td> <td>10.8%</td> <td>10.0%</td> <td>10.2%</td> <td></td> <td>10.4%</td> <td>10.1%</td> <td>9.7%</td> <td>10.0%</td> <td>8.8%</td> <td>8.1%</td> <td>8.8%</td> <td></td>  | Asian w/SUD Tx Need  | 8.2%   | 8.0%   | 8.1%       | 9.5%     | 10.8%    | 10.0%    | 10.2%  |      | 10.4%   | 10.1%   | 9.7%       | 10.0%    | 8.8%      | 8.1%    | 8.8%    |      |  |  |  |  |
| Black w/SUD Tx Need20.2%17.9%18.2%15.6%17.4%21.1%20.4%15.1%14.9%14.6%14.4%14.5%14.6%15.6%Persons w/SUD Tx Need2011071071021.051.0598.9463,8253,2273,243,3823,3093,227Hawaiian/Pl w/SUD Tx Need11.3%10.1%9.8%7.5%8.3%8.0%7.6%8.9469.85710.38310.47212.82613,283Persons w/SUD Tx Need11323.42.84.54.84.6897.628.008.228.999.5%9.67Itispanic w/SUD Tx Need13.9%15.7%15.7%15.7%15.7%15.7%15.8%1.0%1.1%   | Persons w/SUD Tx Need  | 39     | 42     | 43         | 53       | 68       | 63       | 61     |      | 926     | 997     | 1,005      | 1,042    | 1,135     | 1,123   | 1,170   |      |  |  |  |  |
| Persons w/SUD Tx Need2011871961961962262163,0853,2823,2873,2413,3823,3903,320Total persons9961,0421,0711,1251,0651,0598,0649,87510,38310,47212,82613,8013,28Hawailan/P w/SUD Tx Need1301.3201.3301.479.8%7.5%8.3%8.0%7.6%10.4%10.4%10.4%10.4%10.4%9.75   | Total persons  | 475    | 524    | 534        | 558      | 629      | 628      | 598    |      | 8,946   | 9,857   | 10,383     | 10,472   | 12,826    | 13,850  | 13,283  |      |  |  |  |  |
| Persons w/SUD Tx Need2011871961961962262163,0853,2823,2873,2413,3823,3903,320Total persons9961,0421,0711,1251,0651,0598,0649,87510,38310,47212,82613,8013,28Hawailan/P w/SUD Tx Need1301.3201.3301.479.8%7.5%8.3%8.0%7.6%10.4%10.4%10.4%10.4%10.4%9.75   | Black w/SUD Tx Need  | 20.2%  | 17.9%  | 18.2%      | 15.6%    | 17.4%    | 21.1%    | 20.4%  |      | 15.1%   | 14.9%   | 14.6%      | 14.4%    | 14.5%     | 14.6%   | 15.6%   |      |  |  |  |  |
| Hawaiian/Pl w/SUD Tx Need11.3%10.1%9.8%7.5%8.3%8.0%7.6%10.4%10.6%10.4%10.3%9.7%9.5%10.0%Persons w/SUD Tx Need31323428454843689762800822899958967Total persons27531734837454355856365977.2067.6888.0129.28010.0499.680Hispanic w/SUD Tx Need1651941222022212192263.013.5413.5083.6413.814<  | Persons w/SUD Tx Need  | 201    | 187    | 195        | 167      | 196      | 225      | 216    |      | 3,085   | 3,282   | 3,257      | 3,241    | 3,382     | 3,309   | 3,320   |      |  |  |  |  |
| Persons w/SUD Tx Need31323428454843669762800822899958967Total persons2753173483745435985636,5977,2067,6688,0129,28010,0499,680Hispanic w/SUD Tx Need13.9%15.1%13.6%15.0%15.0%14.7%15.7%11.8%11.7%11.5%11.7%10.4%10.0%10.9%Persons w/SUD Tx Need1661941822022212192263,3013,5413,5803,6483,8143,8714,026Total persons1,1911,2871,3381,4661,4751,4921,43827,98130,19231,04231,07136,69638,57836,904White Only w/SUD Tx Need13,8%13,6%14,7%15,5%17,1%18,6%15,6%15,8%15,6%15,8%16,3%15,9%16,5%17,9%Persons w/SUD Tx Need1,8401,9611,9112,0202,2372,4542,54916,74317,69617,6817,80118,58719,36419,911Total persons13,87114,40014,05413,70814,47813,674109,240113,552111,810109,193116,622117,491111,271Any Minority w/SUD Tx Need13,8714,40014,05413,70814,47814,77415,6615,57416,615,5414,50111,66311,   | Total persons  | 996    | 1,042  | 1,071      | 1,071    | 1,125    | 1,065    | 1,059  |      | 8,946   | 9,857   | 10,383     | 10,472   | 12,826    | 13,850  | 13,283  |      |  |  |  |  |
| Total persons       275       317       348       374       543       598       563       6,597       7,206       7,668       8,012       9,280       10,049       9,680         Hispanic w/SUD Tx Need       166       194       182       202       221       219       226       3,301       3,541       3,580       3,648       3,814       3,871       4,026         Total persons w/SUD Tx Need       1,191       1,287       1,338       1,475       1,492       1,480       16.6%       16.3%       16.3%       3,648       3,814       3,871       4,026         Persons w/SUD Tx Need       1,340       1,436       14,75       1,492       1,480       15.3%       15.3%       16.5%       16.3%       15.3%       16.3%       16.3%       15.3%       16.6%       18,1%       19,960         Ordal persons w/SUD Tx Need       1,840       1,961       1,970       1,287       1,378       14,7%       1,428       13,361       16.6%       18,374       10,204       13,561       16,365       16,364       18,374       10,204       11,576       11,80       10,395       16,362       11,795       11,765       11,80       10,395       11,623       11,62       11,62  | Hawaiian/PI w/SUD Tx Need  | 11.3%  | 10.1%  | 9.8%       | 7.5%     | 8.3%     | 8.0%     | 7.6%   |      | 10.4%   | 10.6%   | 10.4%      | 10.3%    | 9.7%      | 9.5%    | 10.0%   |      |  |  |  |  |
| Hispanic w/SUD Tx Need13.9%15.1%15.0%15.0%15.0%14.7%15.7%11.5%11.7%10.4%10.0%10.9%Persons w/SUD Tx Need1661941822022212192263,3013,5413,5803,6483,8143,8714,026Total persons1,1911,2871,3381,3461,4751,4921,43827,98130,19231,04231,07136,69638,57836,904White Only w/SUD Tx Need13.8%13.6%14.7%15.5%17.1%18.6%15.3%15.6%15.8%16.3%15.9%16.5%19,91Total persons1,8401,9611,9112,0202,232,4542,54916,74317,66917,6817,80119,9110,62219,911Total persons13,87114,40014,05413,7022,4542,54916,67417,65011,81010,9111,62011,49111,65011,91511,85111,49111,91110,9111,911 <td>Persons w/SUD Tx Need</td> <td>31</td> <td>32</td> <td>34</td> <td>28</td> <td>45</td> <td>48</td> <td>43</td> <td></td> <td>689</td> <td>762</td> <td>800</td> <td>822</td> <td>899</td> <td>958</td> <td>967</td> <td></td>   | Persons w/SUD Tx Need  | 31     | 32     | 34         | 28       | 45       | 48       | 43     |      | 689     | 762     | 800        | 822      | 899       | 958     | 967     |      |  |  |  |  |
| Hispanic w/SUD Tx Need13.9%15.1%15.0%15.0%15.0%14.7%15.7%11.5%11.7%10.4%10.0%10.9%Persons w/SUD Tx Need1661941822022212192263,3013,5413,5803,6483,8143,8714,026Total persons1,1911,2871,3381,3461,4751,4921,43827,98130,19231,04231,07136,69638,57836,904White Only w/SUD Tx Need13.8%13.6%14.7%15.5%17.1%18.6%15.3%15.6%15.8%16.3%15.9%16.5%19,91Total persons1,8401,9611,9112,0202,232,4542,54916,74317,66917,6817,80119,9110,62219,911Total persons13,87114,40014,05413,7022,4542,54916,67417,65011,81010,9111,62011,49111,65011,91511,85111,49111,91110,9111,911 <td>Total persons</td> <td>275</td> <td>317</td> <td>348</td> <td>374</td> <td>543</td> <td>598</td> <td>563</td> <td></td> <td>6,597</td> <td>7,206</td> <td>7,668</td> <td>8,012</td> <td>9,280</td> <td>10,049</td> <td>9,680</td> <td></td>   | Total persons  | 275    | 317    | 348        | 374      | 543      | 598      | 563    |      | 6,597   | 7,206   | 7,668      | 8,012    | 9,280     | 10,049  | 9,680   |      |  |  |  |  |
| Persons w/SUD Tx Need1661941822022212192263,3013,5413,5803,6483,8143,8714,026Total persons1,1911,2871,3381,3461,4751,4921,43827,98130,19231,04231,07136,69638,57836,904White Only w/SUD Tx Need13,36713.66713.66713.67613.67615.6715.67615.8716.37615.9717,90617,61817,80118,58719,36419,911Total persons13,87114,40014,05413,70814,4814,37313,674109,24013,56211,801109,193116,622117,491111,271Any Minority w/SUD Tx Need18.66718.17917.57818.6718.57818.7818.57816.7811,15411,65011,69011,6311,97511,83312,006Persons w/SUD Tx Need77179580878986787287611,15411,65011,69011,6311,97511,85312,006Total persons77179580878986787287611,15411,69011,66311,97511,85312,006Total persons9,51413.67413.67414.67414.2714.67414.67414.67414.67414.67414.67414.67414.67414.67414.67414.67414.67414.67414.67414.67415.67415.67415.6  | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons1,1911,2871,3381,3461,4751,4921,43827,98130,19231,04231,07136,69638,57836,904White Only w/SUD Tx Need13.3%13.6%13.6%14.7%15.5%17.1%18.6%15.3%15.6%15.8%16.3%15.9%16.5%17.9%Persons w/SUD Tx Need1,8401,9611,9112,0202,2372,4542,54916,74317,69617,63817,80118,58719,36419,911Total persons13,87114,40014,05413,70814,44814,37313,674109,240113,562111,810109,193116,622117,491111,271Any Minority w/SUD Tx Need18.6%18.1%17.9%18.0878986787287687287611,15411,55011,69011,66311,97511,85312,006Persons w/SUD Tx Need77179580878986787287687287611,15411,55011,69011,66311,97511,85312,006Population by Gender15.5%16.7%16.7%18.2%13.8%13.9%14.4%15.5%16.7%18.2%13.8%13.9%14.6%14.6%15.8%Persons w/SUD Tx Need13.7%14,12313,99713,9514,65114,68714,12214,5219,95921,01121,38921,74422,97424,18525,160Total persons13,719 </td <td>• •</td> <td>166</td> <td>194</td> <td>182</td> <td>202</td> <td>221</td> <td></td> <td>226</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.871</td> <td></td> <td></td>  | • •  | 166    | 194    | 182        | 202      | 221      |          | 226    |      |         |         |            |          |           | 3.871   |         |      |  |  |  |  |
| White Only w/SUD Tx Need13.3%13.6%13.6%14.7%15.5%17.1%18.6%15.3%15.6%15.8%16.3%15.9%16.3%19.961Persons w/SUD Tx Need1,8401,9611,9112,0202,2372,4542,54916,74317,69617,63817,80118,58719,36419,911Total persons13,87114,40014,05413,70814,44814,37313,674109,240113,562111,810109,193116,622117,491111,271Any Minority w/SUD Tx Need18.6%18.1%17.9%18.0%18.5%18.7%18.6%18.7%18.6%13,7814,40014,45814,37313,674109,240113,56211,810109,193116,622117,491111,271Any Minority w/SUD Tx Need77179580878986787287611,15411,65011,69011,66311,97511,85312,006Total persons4,1514,3994,5034,5054,8044,7204,52171,41276,20477,64077,66087,02089,35384,953Population by GenderFemales w/SUD Tx Need13.7813.89713.69714.2%14.6%14.3%14,68714,68714,52719,55919,55912,11121,38921,74422,97424,18525,160Total persons13,71914,12313,99713,79514,56114,68714,122145,17150,96615  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons w/SUD Tx Need1,8401,9611,9112,0202,2372,4542,54916,74317,69617,63817,80118,58719,36419,911Total persons13,87114,40014,05413,70814,44814,37313,674109,240113,562111,810109,193116,622117,491111,271Any Minority w/SUD Tx Need18.6%18.1%17.9%17.5%18.0%18.5%19.4%19,86419,91411,62211,810109,193116,622117,491111,271Any Minority w/SUD Tx Need77179580878986787287611,15411,65011,69011,66311,97511,85312,006Total persons4,1514,3994,5034,5054,8044,7204,52177,41276,20477,60077,66687,02089,35384,953Population by GenderFemales w/SUD Tx Need13.6%13.4%14.6%15.5%16.7%18.2%13.8%13.9%14.42%14.3%14.6%15.8%Persons w/SUD Tx Need1,7881,8921,9042,0142,2522,4542,56519,95921,01121,38921,74422,97424,18525,160Total persons13,71914,12313,99713,79514,56114,68714,122145,117150,966150,554149,017160,506165,344158,994Males w/SUD Tx Need17.5%16.9%16.8%18.1%  | •  | ,      | ,      |            | ,        |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons13,87114,40014,05413,70814,44814,37313,674109,240113,562111,810109,193116,622117,491111,271Any Minority w/SUD Tx Need18.6%18.1%17.9%17.5%18.0%18.5%19.4%16.6%15%15%15%14%14,37313,674Persons w/SUD Tx Need77179580878986787287611,15411,65011,60311,66311,97511,85312,006Total persons4,1514,3994,5034,5054,8044,7204,52171,41271,6687,02087,02089,35384,953Population by Gender13.0%13.4%13.6%14.6%15.5%16.7%18.2%13.8%13.9%14.2%14.6%14.3%14,6614.3%14.6%15.8%Persons w/SUD Tx Need13.7913,99713,79514,56114,67714,12213,99713,79514,56114,67714,12214,517150,66150,554149,017160,506165,344158,994Males w/SUD Tx Need17.5%16.9%16.7%18.1%18.9%18.9%18.6%8,0848,4758,0697,8387,7187,1916,990  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Any Minority w/SUD Tx Need       18.6%       18.1%       17.9%       17.5%       18.0%       18.5%       19.4%       16%       15%       15%       15%       14%       13%       14%         Persons w/SUD Tx Need       771       795       808       789       867       872       876       11,154       11,650       11,690       11,663       11,975       11,853       12,006         Total persons       4,151       4,399       4,503       4,505       4,804       4,720       4,521       71,412       76,204       77,600       77,666       87,020       89,353       12,006         Population by Gender       77       789       13.6%       14.6%       15.5%       16.7%       18.2%       13.8%       14.2%       14.6%       14.6%       15.5%       16.7%       18.2%       13.8%       14.2%       14.6%       14.3%       14.6%       15.5%       16.7%       18.2%       13.8%       13.9%       14.6%       15.5%       15.5%       13.8%       13.9%       14.6%       15.5%       15.5%       15.9%       14.6%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%       14.5%<  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons w/SUD Tx Need77179580878986787287611,15411,65011,69011,66311,97511,85312,006Total persons4,1514,3994,5034,5034,5054,8044,7204,52174,41276,20477,60077,66687,02089,35384,953Population by GenderImage: Signal | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Total persons4,1514,3994,5034,5054,8044,7204,52171,41276,24077,66087,02089,35384,953Population by GenderFemales w/SUD Tx Need13.0%13.4%13.6%14.6%15.5%16.7%18.2%13.8%13.9%14.6%14.6%14.6%15.8%Persons w/SUD Tx Need1,7881,8921,9042,0142,2522,4542,56519,95921,01121,38921,74422,97424,18525,160Total persons13,71914,12313,99713,79514,56114,68714,122145,117150,966150,554149,017160,506156,344158,994Males w/SUD Tx Need17.5%16.9%16.4%16.7%18.1%18.9%18.9%18.6%18.6%18.1%18.6%18.1%18.9%16.9%   |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Population by Gender         Females w/SUD Tx Need         13.0%         13.4%         13.6%         14.6%         15.5%         16.7%         18.2%         13.8%         13.9%         14.2%         14.6%         14.3%         14.6%         15.8%           Persons w/SUD Tx Need         1,788         1,892         1,904         2,014         2,252         2,454         2,565         19,959         21,011         21,389         21,744         22,974         24,185         25,160           Total persons         13,719         14,123         13,997         13,795         14,561         14,687         14,122         145,117         150,966         150,554         149,017         160,506         165,344         158,994           Males w/SUD Tx Need         17.5%         16.4%         16.7%         18.1%         18.9%         18.6%         18.1%         18.9%         18.1%         15.9%         15.1%         16.0%           Persons w/SUD Tx Need         840         873         819         804         862         886         873         8,084         8,475         8,069         7,838         7,718         7,191         6,990   |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Females w/SUD Tx Need13.0%13.4%13.6%14.6%15.5%16.7%18.2%13.8%13.9%14.2%14.6%14.3%14.6%15.8%Persons w/SUD Tx Need1,7881,8921,9042,0142,2522,4542,56519,95921,01121,38921,74422,97424,18525,160Total persons13,71914,12313,99713,79514,56114,68714,122145,117150,966150,554149,017160,506165,344158,994Males w/SUD Tx Need17.5%16.9%16.4%16.7%18.1%18.9%18.9%18.6%18.1%18.0%18.1%15.9%7,7187,1916,990  | •  | 4,151  | 4,599  | 4,505      | 4,505    | 4,004    | 4,720    | 4,521  |      | /1,412  | 70,204  | 77,040     | 77,000   | 87,020    | 09,555  | 64,933  |      |  |  |  |  |
| Persons w/SUD Tx Need       1,788       1,892       1,904       2,014       2,252       2,454       2,565       19,959       21,011       21,389       21,744       22,974       24,185       25,160         Total persons       13,719       14,123       13,997       13,795       14,561       14,687       14,122       145,117       150,966       150,554       149,017       160,506       165,344       158,994         Males w/SUD Tx Need       17.5%       16.9%       16.4%       16.7%       16.8%       18.1%       18.9%       18.6%       18.0%       18.1%       15.9%       15.1%       15.1%       16.0%         Persons w/SUD Tx Need       840       873       819       804       862       886       873       8,084       8,475       8,069       7,838       7,718       7,191       6,990  |  | 13.0%  | 13.4%  | 13.6%      | 14.6%    | 15.5%    | 16.7%    | 18.2%  |      | 13.8%   | 13.9%   | 14.2%      | 14.6%    | 14.3%     | 14.6%   | 15.8%   |      |  |  |  |  |
| Total persons       13,719       14,123       13,997       13,795       14,561       14,687       14,122       145,117       150,966       150,554       149,017       160,506       165,344       158,994         Males w/SUD Tx Need       17.5%       16.9%       16.4%       16.7%       16.8%       18.1%       18.9%       19.2%       18.6%       18.0%       18.1%       15.9%       15.1%       15.0%       16.0%         Persons w/SUD Tx Need       840       873       819       804       862       886       873       8,084       8,475       8,069       7,838       7,718       7,191       6,990   |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Males w/SUD Tx Need         17.5%         16.9%         16.4%         16.7%         16.8%         18.1%         18.9%         19.2%         18.6%         18.0%         18.1%         15.9%         15.1%         16.0%           Persons w/SUD Tx Need         840         873         819         804         862         886         873         8,084         8,475         8,069         7,838         7,718         7,191         6,990  |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| Persons w/SUD Tx Need         840         873         819         804         862         886         873         8,084         8,475         8,069         7,838         7,718         7,191         6,990  | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
|  | •  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
| TUCAL PERSONS 4,807 5,166 5,005 4,825 5,121 4,893 4,615 41,999 45,500 44,869 43,268 48,694 47,553 43,688   |  |        |        |            |          |          |          |        |      |         |         |            |          |           |         |         |      |  |  |  |  |
|  | rotal persons  | 4,807  | 5,166  | 5,005      | 4,825    | 5,121    | 4,893    | 4,615  |      | 41,999  | 45,500  | 44,869     | 43,268   | 48,694    | 47,553  | 43,688  |      |  |  |  |  |

## SUPPORTING TABLES | Substance Use Disorder Treatment Need



## Substance Use Disorder Treatment Need Rates

Among Medicaid-Classic Adults, by County

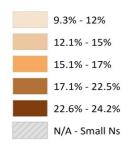
**MARCH 2017** 

## 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.

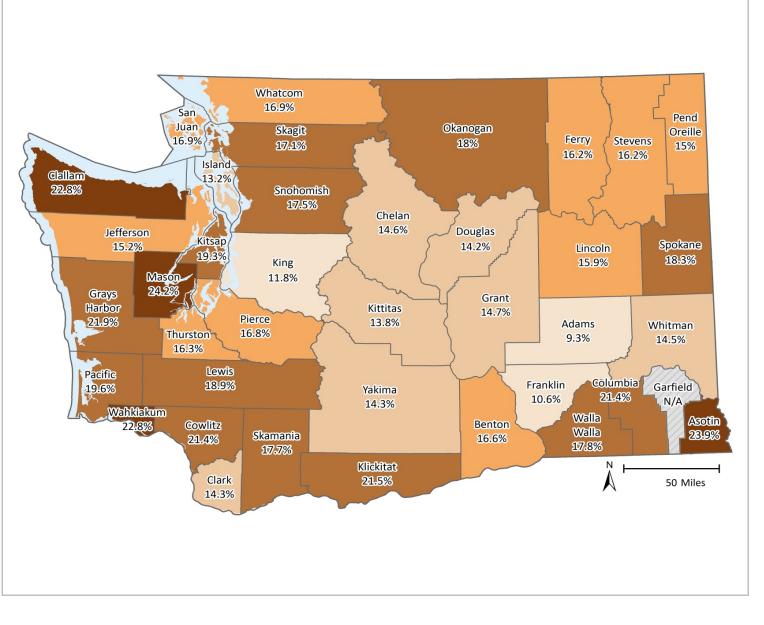
### Percent of Medicaid-Classic Adults with Substance Use Disorder Tx Need



#### 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.



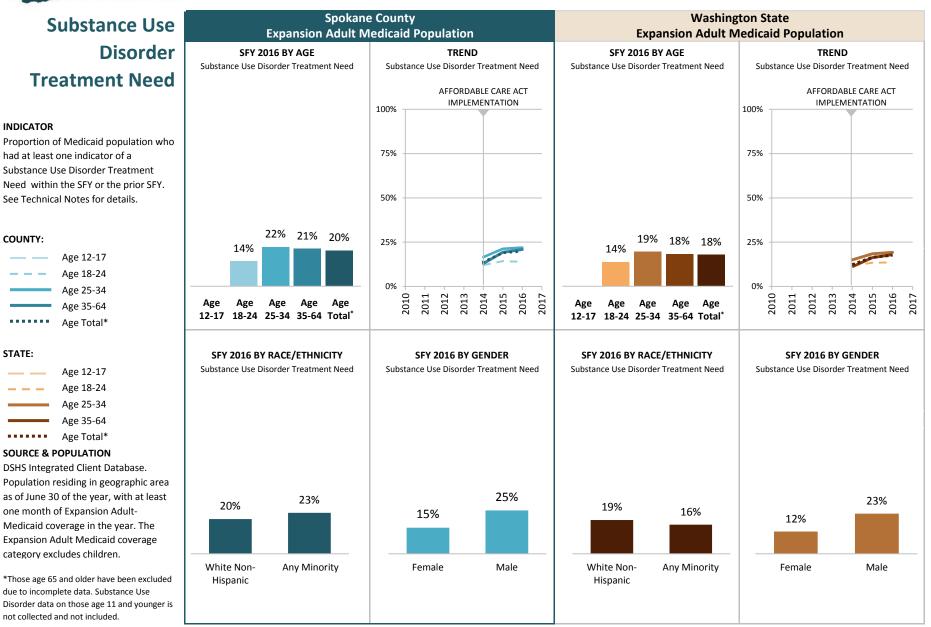


STATE:

# **Spokane County**

### **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|                                      |      |      | S        | pokane |        |          | . 030 0 |      |      | Eve  | W    | /ashingto<br>Adult Me |         | nulatio  |         |      |
|--------------------------------------|------|------|----------|--------|--------|----------|---------|------|------|------|------|-----------------------|---------|----------|---------|------|
| STATE FISCAL YEAR                    |      | Ехр  | ansion A |        |        | opulatio |         |      |      | EXP  |      | aunt ivie             |         | pulation | •       |      |
| 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              |      |      |          |        | 12.1%  | 14.3%    | 14.0%   |      |      |      |      |                       | 11.8%   | 13.4%    | 13.6%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 669    | 1,345    | 1,570   |      |      |      |      |                       | 7,068   | 13,885   | 16,235  |      |
| Total persons                        |      |      |          |        | 5,538  | 9,433    | 11,249  |      |      |      |      |                       | 59,852  | 103,457  | 119,804 |      |
| Age 25-34 w/SUD Tx Need              |      |      |          |        | 16.6%  | 21.3%    | 21.9%   |      |      |      |      |                       | 15.1%   | 18.4%    | 19.3%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 1,497  | 3,390    | 4,122   |      |      |      |      |                       | 15,416  | 32,675   | 39,531  |      |
| Total persons                        |      |      |          |        | 9,037  | 15,949   | 18,783  |      |      |      |      |                       | 102,393 | 177,330  | 204,738 |      |
| Age 35-64 w/SUD Tx Need              |      |      |          |        | 13.0%  | 19.3%    | 20.9%   |      |      |      |      |                       | 11.1%   | 16.3%    | 18.0%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 2,009  | 4,946    | 5,955   |      |      |      |      |                       | 22,012  | 51,726   | 62,116  |      |
| Total persons                        |      |      |          |        | 15,482 | 25,628   | 28,450  |      |      |      |      |                       | 198,262 | 317,159  | 345,171 |      |
| Age Total <sup>†</sup> w/SUD Tx Need |      |      |          |        | 13.9%  | 19.0%    | 19.9%   |      |      |      |      |                       | 12.3%   | 16.4%    | 17.6%   |      |
| Persons w/SUD Tx need                |      |      |          |        | 4,175  | 9,681    | 11,647  |      |      |      |      |                       | 44,496  | 98,286   | 117,882 |      |
| Total persons                        |      |      |          |        | 30,057 | 51,010   | 58,482  |      |      |      |      |                       | 360,507 | 597,946  | 669,713 |      |
| Population by Race-Ethnicity         |      |      |          |        |        | ,        |         |      |      |      |      |                       | ,       | ,        |         |      |
| Amer Indian w/SUD Tx Need            |      |      |          |        | 31.2%  | 39.1%    | 38.8%   |      |      |      |      |                       | 31.8%   | 36.9%    | 37.4%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 497    | 1,137    | 1,364   |      |      |      |      |                       | 5,334   | 11,217   | 13,193  |      |
| Total persons                        |      |      |          |        | 1,593  | 2,910    | 3,513   |      |      |      |      |                       | 16,783  | 30,399   | 35,266  |      |
| Asian w/SUD Tx Need                  |      |      |          |        | 5.9%   | 9.7%     | 10.2%   |      |      |      |      |                       | 4.9%    | 7.1%     | 8.0%    |      |
| Persons w/SUD Tx Need                |      |      |          |        | 63     | 156      | 184     |      |      |      |      |                       | 1,621   | 3,463    | 4,132   |      |
| Total persons                        |      |      |          |        | 1,060  | 1,616    | 1,802   |      |      |      |      |                       | 32,924  | 48,483   | 51,833  |      |
| Black w/SUD Tx Need                  |      |      |          |        | 17.6%  | 25.0%    | 25.6%   |      |      |      |      |                       | 14.7%   | 19.5%    | 20.1%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 229    | 615      | 753     |      |      |      |      |                       | 4,155   | 9,556    | 11,311  |      |
| Total persons                        |      |      |          |        | 1,298  | 2,464    | 2,940   |      |      |      |      |                       | 32,924  | 48,483   | 51,833  |      |
| Hawaiian/PI w/SUD Tx Need            |      |      |          |        | 10.3%  | 11.7%    | 12.9%   |      |      |      |      |                       | 8.7%    | 10.8%    | 11.4%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 58     | 114      | 134     |      |      |      |      |                       | 991     | 2,209    | 2,678   |      |
| Total persons                        |      |      |          |        | 565    | 977      | 1,036   |      |      |      |      |                       | 11,451  | 20,416   | 23,467  |      |
| Hispanic w/SUD Tx Need               |      |      |          |        | 11.8%  | 17.1%    | 18.2%   |      |      |      |      |                       | 9.1%    | 12.4%    | 13.7%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 227    | 574      | 736     |      |      |      |      |                       | 4,784   | 10,505   | 13,292  |      |
| Total persons                        |      |      |          |        | 1,917  | 3,353    | 4,051   |      |      |      |      |                       | 52,399  | 84,681   | 96,834  |      |
| White Only w/SUD Tx Need             |      |      |          |        | 13.6%  | 18.6%    | 19.6%   |      |      |      |      |                       | 13.5%   | 17.9%    | 19.1%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 3,191  | 7,327    | 8,766   |      |      |      |      |                       | 29,246  | 64,550   | 76,824  |      |
| Total persons                        |      |      |          |        | 23,439 | 39,314   | 44,652  |      |      |      |      |                       | 216,846 | 361,260  | 402,225 |      |
| Any Minority w/SUD Tx Need           |      |      |          |        | 16.6%  | 22.5%    | 23.1%   |      |      |      |      |                       | 11%     | 15%      | 16%     |      |
| Persons w/SUD Tx Need                |      |      |          |        | 967    | 2,296    | 2,775   |      |      |      |      |                       | 14,923  | 32,724   | 39,468  |      |
| Total persons                        |      |      |          |        | 5,841  | 10,214   | 12,003  |      |      |      |      |                       | 130,167 | 212,403  | 239,488 |      |
| Population by Gender                 |      |      |          |        |        |          |         |      |      |      |      |                       |         |          |         |      |
| Females w/SUD Tx Need                |      |      |          |        | 8.7%   | 13.2%    | 14.7%   |      |      |      |      |                       | 7.9%    | 11.2%    | 12.5%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 1,269  | 3,184    | 4,077   |      |      |      |      |                       | 14,181  | 32,876   | 40,978  |      |
| Total persons                        |      |      |          |        | 14,554 | 24,194   | 27,642  |      |      |      |      |                       | 179,152 | 292,424  | 328,130 |      |
| Males w/SUD Tx Need                  |      |      |          |        | 18.7%  | 24.2%    | 24.5%   |      |      |      |      |                       | 16.7%   | 21.4%    | 22.5%   |      |
| Persons w/SUD Tx Need                |      |      |          |        | 2,906  | 6,497    | 7,570   |      |      |      |      |                       | 30,315  | 65,410   | 76,904  |      |
| Total persons                        |      |      |          |        | 15,503 | 26,816   | 30,840  |      |      |      |      |                       | 181,355 | 305,522  | 341,583 |      |

## SUPPORTING TABLES | Substance Use Disorder Treatment Need



## Substance Use Disorder Treatment Need Rates

Among Medicaid-Expansion Adults, by County

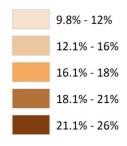
**MARCH 2017** 

## SFY 2016

### INDICATOR

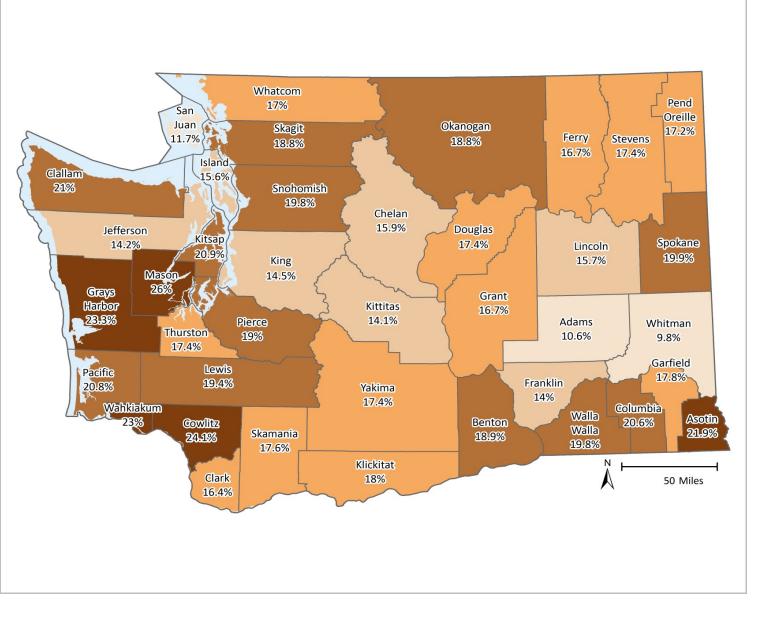
Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Tx Need within the SFY or the prior SFY. See Technical Notes for details.

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



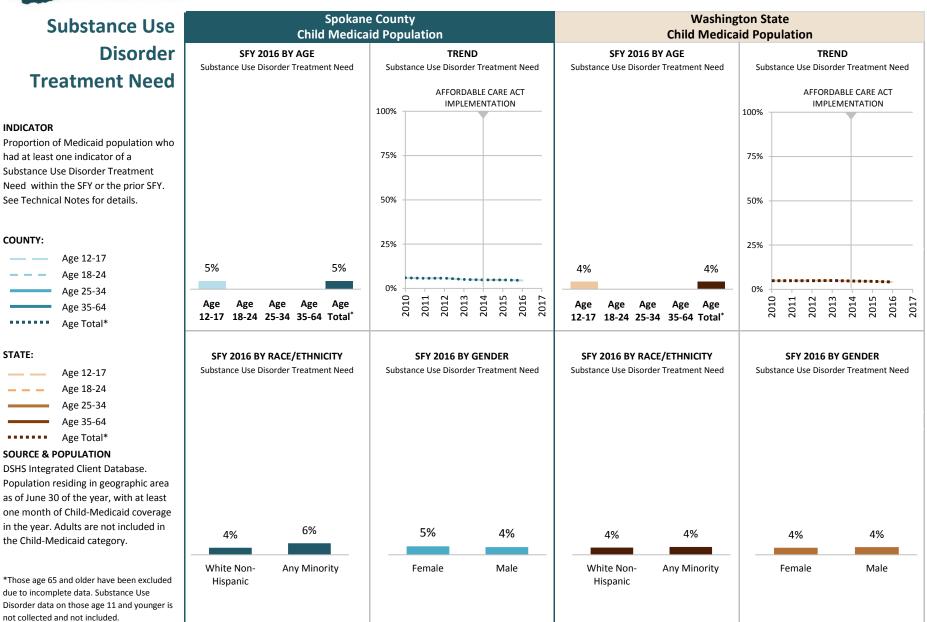
#### SOURCE & POPULATION

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.





### Behavioral Health Treatment Needs and Outcomes



|                                      |        | SUPI   |        |         | · ·      | bstanc | e Use D | isorde | r Treati | ment N  |         |          |           |         |         |      |
|--------------------------------------|--------|--------|--------|---------|----------|--------|---------|--------|----------|---------|---------|----------|-----------|---------|---------|------|
|                                      |        |        |        | Spokane |          |        |         |        |          |         | V       | Vashingt | on State  |         |         |      |
|                                      |        |        | Child  | Medicai | d Popula | tion   |         |        |          |         | Child   | Medicai  | d Populat | tion    |         |      |
| STATE FISCAL YEAR                    |        |        |        |         |          |        |         |        |          |         |         |          |           |         |         |      |
| 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              | 6.0%   | 5.7%   | 5.8%   | 5.1%    | 4.8%     | 4.9%   | 4.5%    |        | 4.9%     | 4.9%    | 5.0%    | 5.0%     | 4.7%      | 4.6%    | 4.2%    |      |
| Persons w/SUD Tx Need                | 776    | 795    | 833    | 748     | 753      | 784    | 783     |        | 7,963    | 8,536   | 8,867   | 9,218    | 9,330     | 9,510   | 9,068   |      |
| Total persons                        | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117 | 17,222  |        | 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 Total <sup>†</sup> w/SUD Tx Need | 6.0%   | 5.7%   | 5.8%   | 5.1%    | 4.8%     | 4.9%   | 4.5%    |        | 4.9%     | 4.9%    | 5.0%    | 5.0%     | 4.7%      | 4.6%    | 4.2%    |      |
| Persons w/SUD Tx need                | 776    | 795    | 833    | 748     | 753      | 784    | 783     |        | 7,963    | 8,536   | 8,867   | 9,218    | 9,330     | 9,510   | 9,068   |      |
| Total persons                        | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117 | 17,222  |        | 162,627  | 173,386 | 178,968 | 183,694  | 198,942   | 207,420 | 218,447 |      |
| Population by Race-Ethnicity         |        |        |        |         |          |        |         |        |          |         |         |          |           |         |         |      |
| Amer Indian w/SUD Tx Need            | 16.8%  | 14.0%  | 14.9%  | 13.3%   | 12.1%    | 11.2%  | 10.5%   |        | 11.4%    | 11.0%   | 11.5%   | 11.7%    | 11.5%     | 11.1%   | 9.7%    |      |
| Persons w/SUD Tx Need                | 187    | 165    | 176    | 163     | 152      | 139    | 137     |        | 1,401    | 1,401   | 1,479   | 1,541    | 1,514     | 1,478   | 1,311   |      |
| Total persons                        | 1,116  | 1,176  | 1,185  | 1,227   | 1,260    | 1,240  | 1,304   |        | 12,249   | 12,703  | 12,883  | 13,128   | 13,141    | 13,262  | 13,536  |      |
| Asian w/SUD Tx Need                  | 3.1%   | 3.9%   | 5.0%   | 5.0%    | 3.4%     | 3.6%   | 3.0%    |        | 3.3%     | 3.2%    | 3.2%    | 3.4%     | 3.0%      | 2.7%    | 2.5%    |      |
| Persons w/SUD Tx Need                | 14     | 19     | 25     | 26      | 19       | 20     | 17      |        | 373      | 384     | 405     | 435      | 435       | 423     | 394     |      |
| Total persons                        | 445    | 482    | 503    | 516     | 566      | 561    | 569     |        | 11,190   | 12,185  | 12,570  | 12,852   | 14,718    | 15,395  | 15,780  |      |
| Black w/SUD Tx Need                  | 8.5%   | 8.4%   | 8.8%   | 7.9%    | 8.1%     | 8.7%   | 7.5%    |        | 5.7%     | 5.7%    | 5.8%    | 6.1%     | 6.1%      | 6.2%    | 5.6%    |      |
| Persons w/SUD Tx Need                | 81     | 84     | 94     | 92      | 97       | 110    | 103     |        | 1,004    | 1,068   | 1,121   | 1,221    | 1,263     | 1,313   | 1,247   |      |
| Total persons                        | 953    | 998    | 1,070  | 1,161   | 1,200    | 1,264  | 1,367   |        | 11,190   | 12,185  | 12,570  | 12,852   | 14,718    | 15,395  | 15,780  |      |
| Hawaiian/PI w/SUD Tx Need            | 4.5%   | 4.5%   | 4.1%   | 3.2%    | 3.6%     | 2.8%   | 2.9%    |        | 3.6%     | 3.9%    | 3.9%    | 4.0%     | 4.0%      | 3.8%    | 3.2%    |      |
| Persons w/SUD Tx Need                | 11     | 17     | 17     | 14      | 18       | 15     | 17      |        | 236      | 284     | 306     | 324      | 345       | 346     | 310     |      |
| Total persons                        | 245    | 377    | 419    | 434     | 504      | 543    | 589     |        | 6,591    | 7,363   | 7,794   | 8,030    | 8,716     | 9,164   | 9,839   |      |
| Hispanic w/SUD Tx Need               | 6.3%   | 6.2%   | 6.5%   | 5.5%    | 4.9%     | 6.0%   | 6.0%    |        | 4.6%     | 5.1%    | 5.1%    | 5.2%     | 4.9%      | 4.7%    | 4.2%    |      |
| Persons w/SUD Tx Need                | 65     | 73     | 80     | 69      | 69       | 93     | 104     |        | 2,043    | 2,417   | 2,578   | 2,798    | 2,870     | 2,949   | 2,858   |      |
| Total persons                        | 1,024  | 1,169  | 1,222  | 1,253   | 1,413    | 1,554  | 1,736   |        | 44,109   | 47,723  | 50,592  | 53,801   | 59,067    | 62,688  | 67,923  |      |
| White Only w/SUD Tx Need             | 5.1%   | 5.0%   | 5.1%   | 4.4%    | 4.2%     | 4.3%   | 4.0%    |        | 4.8%     | 4.7%    | 4.7%    | 4.7%     | 4.4%      | 4.4%    | 4.1%    |      |
| Persons w/SUD Tx Need                | 486    | 501    | 519    | 449     | 457      | 476    | 466     |        | 3,669    | 3,793   | 3,839   | 3,849    | 3,874     | 3,968   | 3,809   |      |
| Total persons                        | 9,456  | 9,946  | 10,174 | 10,308  | 10,876   | 11,127 | 11,732  |        | 75,857   | 80,066  | 81,561  | 81,847   | 87,798    | 89,996  | 92,594  |      |
| Any Minority w/SUD Tx Need           | 8.9%   | 8.1%   | 8.3%   | 7.5%    | 6.9%     | 6.8%   | 6.4%    |        | 5%       | 5%      | 5%      | 6%       | 5%        | 5%      | 4%      |      |
| Persons w/SUD Tx Need                | 290    | 294    | 314    | 296     | 294      | 306    | 314     |        | 4,275    | 4,719   | 5,000   | 5,338    | 5,426     | 5,501   | 5,187   |      |
| Total persons                        | 3,252  | 3,615  | 3,774  | 3,946   | 4,290    | 4,521  | 4,878   |        | 82,162   | 88,045  | 91,997  | 96,194   | 104,259   | 109,275 | 115,992 |      |
| Population by Gender                 |        |        |        |         |          |        |         |        |          |         |         |          |           |         |         |      |
| Females w/SUD Tx Need                | 5.3%   | 5.3%   | 5.4%   | 4.8%    | 4.9%     | 5.1%   | 4.8%    |        | 4.2%     | 4.1%    | 4.2%    | 4.2%     | 4.2%      | 4.2%    | 4.0%    |      |
| Persons w/SUD Tx Need                | 348    | 365    | 383    | 341     | 370      | 402    | 401     |        | 3,387    | 3,565   | 3,701   | 3,860    | 4,110     | 4,320   | 4,308   |      |
| Total persons                        | 6,519  | 6,917  | 7,069  | 7,153   | 7,625    | 7,892  | 8,437   |        | 81,320   | 86,265  | 88,937  | 91,117   | 98,880    | 103,147 | 108,564 |      |
| Males w/SUD Tx Need                  | 6.6%   | 6.2%   | 6.2%   | 5.5%    | 4.8%     | 4.6%   | 4.3%    |        | 5.6%     | 5.7%    | 5.7%    | 5.8%     | 5.2%      | 5.0%    | 4.3%    |      |
|                                      | 428    | 430    | 450    | 407     | 383      | 382    | 382     |        | 4,576    | 4,971   | 5,166   | 5,358    | 5,220     | 5,190   | 4,760   |      |
| Total persons                        | 6,451  | 6,963  | 7,212  | 7,437   | 7,922    | 8,225  | 8,785   |        | 81,307   | 87,121  | 90,031  | 92,577   | 100,062   | 104,273 | 109,883 |      |
| Persons w/SUD Tx Need                | 428    | 430    | 450    | 407     | 383      | 382    | 382     |        | 4,576    | 4,971   | 5,166   | 5,358    | 5,220     | 5,190   | 4,760   | )    |

### SUPPORTING TABLES | Substance Use Disorder Treatment Need



## Substance Use Disorder Treatment Need Rates

Among Medicaid-Children, by County

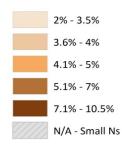
**MARCH 2017** 

## SFY 2016

### INDICATOR

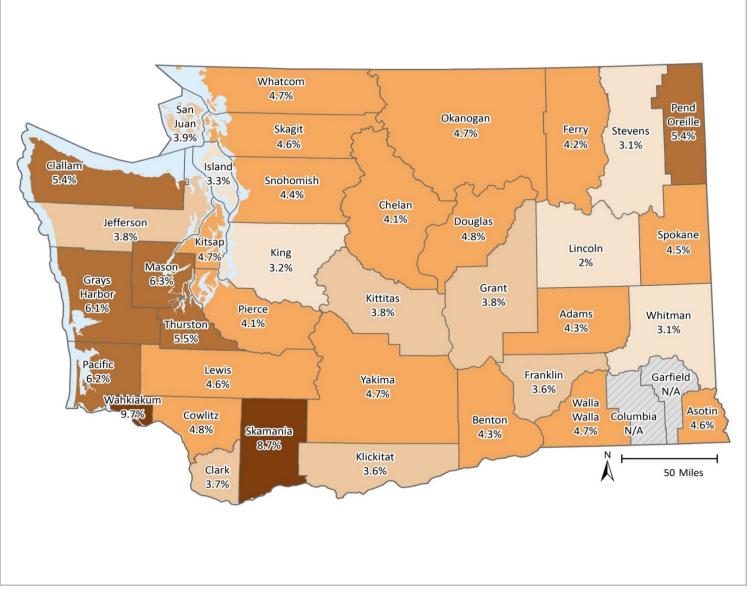
Proportion of Medicaid population who had at least one indicator of a Substance Use Disorder Tx Need within the SFY or the prior SFY. See Technical Notes for details.

### 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.





### **Behavioral Health Treatment Needs and Outcomes**

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## 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.



### 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 subpopulations 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.



|                            |        | 001    | 1 01111 |        |          |           |        |      |         |         |          |         |           |          |         |      |
|----------------------------|--------|--------|---------|--------|----------|-----------|--------|------|---------|---------|----------|---------|-----------|----------|---------|------|
|                            |        | S      | pokane  | County | Medicaid | l Populat | tion   |      |         | Wa      | shington | State M | edicaid P | opulatio | n       |      |
| STATE FISCAL YEAR          |        |        |         |        |          |           |        |      |         |         |          |         |           |          |         |      |
| by Medicaid Sub-Population | 2010   | 2011   | 2012    | 2013   | 2014     | 2015      | 2016   | 2017 | 2010    | 2011    | 2012     | 2013    | 2014      | 2015     | 2016    | 2017 |
| Medicaid-Disabled          | 23.5%  | 24.7%  | 25.5%   | 26.3%  | 28.7%    | 27.5%     | 29.0%  |      | 25.0%   | 26.4%   | 26.7%    | 26.8%   | 28.0%     | 25.8%    | 26.6%   |      |
| Persons w/COD Tx Need      | 2,462  | 2,650  | 2,958   | 3,262  | 3,462    | 2,468     | 2,607  |      | 28,593  | 31,079  | 32,908   | 34,678  | 34,003    | 23,637   | 24,045  |      |
| Total persons              | 10,471 | 10,718 | 11,586  | 12,417 | 12,068   | 8,972     | 9,001  |      | 114,461 | 117,789 | 123,249  | 129,155 | 121,553   | 91,544   | 90,229  |      |
| Medicaid-Classic Adults    | 9.0%   | 9.7%   | 9.6%    | 10.3%  | 10.9%    | 12.4%     | 13.7%  |      | 9.1%    | 9.5%    | 9.7%     | 9.8%    | 9.8%      | 10.4%    | 11.6%   |      |
| Persons w/COD Tx Need      | 1,672  | 1,864  | 1,823   | 1,923  | 2,144    | 2,423     | 2,571  |      | 16,990  | 18,718  | 18,863   | 18,894  | 20,433    | 22,151   | 23,610  |      |
| Total persons              | 18,526 | 19,289 | 19,002  | 18,620 | 19,682   | 19,580    | 18,737 |      | 187,116 | 196,466 | 195,423  | 192,285 | 209,200   | 212,897  | 202,682 |      |
| Medicaid-Expansion Adults  |        |        |         |        | 7.8%     | 12.3%     | 13.7%  |      |         |         |          |         | 6.3%      | 10.1%    | 11.5%   |      |
| Persons w/COD Tx Need      |        |        |         |        | 2,335    | 6,296     | 8,000  |      |         |         |          |         | 22,875    | 60,617   | 77,053  |      |
| Total persons              |        |        |         |        | 30,057   | 51,010    | 58,482 |      |         |         |          |         | 360,507   | 597,946  | 669,713 |      |
| Medicaid-Children          | 3.9%   | 4.0%   | 4.2%    | 3.8%   | 3.7%     | 3.9%      | 3.6%   |      | 2.9%    | 3.0%    | 3.1%     | 3.2%    | 3.0%      | 3.1%     | 2.8%    |      |
| Persons w/COD Tx Need      | 509    | 561    | 602     | 548    | 576      | 625       | 623    |      | 4,766   | 5,198   | 5,564    | 5,926   | 6,039     | 6,422    | 6,200   |      |
| Total persons              | 12,970 | 13,880 | 14,281  | 14,590 | 15,547   | 16,117    | 17,222 |      | 162,627 | 173,386 | 178,968  | 183,694 | 198,942   | 207,420  | 218,447 |      |

### SUPPORTING TABLES | Co-Occurring Disorder Treatment Need

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.



### **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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**Spokane County Washington State Disabled Medicaid Population Disabled Medicaid Population** Disorder SFY 2016 BY AGE SFY 2016 BY AGE TREND TREND Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need AFFORDABLE CARE ACT AFFORDABLE CARE ACT IMPLEMENTATION IMPLEMENTATION 100% 100% Proportion of Medicaid population 75% 75% 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. 50% 50% See Technical Notes for details. 34% 32% 29% 28% 27% 25% ..... 18% 25% 25% 13% 9% 6% 0% 0% 2010 2012 2013 2014 2015 2016 2017 2011 2010 2011 2012 2013 2015 2016 2014 2017 Age 18-24 25-34 35-64 Total\* 12-17 12-17 18-24 25-34 35-64 Total\* SFY 2016 BY RACE/ETHNICITY SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER SFY 2016 BY GENDER Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need Co-Occurring Disorder Tx Need 33% 30% 28% 28% 27% 27% 26% 26% White Non-Any Minority Female Male White Non-Any Minority Female Male Hispanic Hispanic

# **Co-Occurring Treatment Need**

| Ago 12 17      |
|----------------|
| <br>Age 12-17  |
| <br>Age 18-24  |
| Age 25-34      |
| Age 35-64      |
| <br>Age Total* |
|                |
|                |

INDICATOR

COUNTY:

### 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.

|                                      |        | SUP    | PORTIN       | IG TAB       | LES   C      | o-Occui      | rring Dis | sorder | Treatm  | nent Ne      | ed      |          |           |            |        |      |
|--------------------------------------|--------|--------|--------------|--------------|--------------|--------------|-----------|--------|---------|--------------|---------|----------|-----------|------------|--------|------|
|                                      |        |        |              | Spokane      |              |              |           |        |         |              |         | Vashingt | on State  |            |        |      |
|                                      |        |        |              | d Medic      |              | lation       |           |        |         |              |         | -        | aid Popul | ation      |        |      |
| STATE FISCAL YEAR                    |        |        |              |              |              |              |           |        |         |              |         |          | -         |            |        |      |
| Population by Age                    | 2010   | 2011   | 2012         | 2013         | 2014         | 2015         | 2016      | 2017   | 2010    | 2011         | 2012    | 2013     | 2014      | 2015       | 2016   | 2017 |
| Age 12-17 w/COD Tx Need              | 9.7%   | 9.3%   | 7.9%         | 7.8%         | 8.4%         | 9.6%         | 9.0%      |        | 6.1%    | 5.9%         | 6.6%    | 6.9%     | 7.0%      | 6.8%       | 6.1%   |      |
| Persons w/COD Tx Need                | 63     | 63     | 58           | 61           | 69           | 78           | 76        |        | 390     | 385          | 460     | 505      | 513       | 507        | 478    |      |
| Total persons                        | 652    | 681    | 734          | 783          | 825          | 815          | 845       |        | 6,359   | 6,574        | 6,923   | 7,275    | 7,359     | 7,425      | 7,805  |      |
| Age 18-24 w/COD Tx Need              | 19.5%  | 19.3%  | 21.4%        | 19.0%        | 20.9%        | 18.2%        | 17.7%     |        | 17.8%   | 18.2%        | 17.3%   | 17.6%    | 17.3%     | 13.3%      | 13.1%  |      |
| Persons w/COD Tx Need                | 232    | 229    | 265          | 244          | 254          | 182          | 174       |        | 2,214   | 2,277        | 2,171   | 2,238    | 2,058     | 1,300      | 1,264  |      |
| Total persons                        | 1,188  | 1,187  | 1,236        | 1,287        | 1,214        | 999          | 982       |        | 12,428  | 12,515       | 12,560  | 12,748   | 11,876    | 9,790      | 9,630  |      |
| Age 25-34 w/COD Tx Need              | 27.7%  | 29.2%  | 30.4%        | 31.4%        | 32.6%        | 27.2%        | 27.6%     |        | 29.4%   | 30.4%        | 30.4%   | 30.7%    | 30.7%     | 24.6%      | 25.3%  |      |
| Persons w/COD Tx Need                | 454    | 493    | 556          | 618          | 629          | 378          | 388       |        | 4,982   | 5,310        | 5,580   | 5,947    | 5,655     | 3,350      | 3,448  |      |
| Total persons                        | 1,640  | 1,689  | 1,828        | 1,969        | 1,930        | 1,389        | 1,405     |        | 16,942  | 17,492       | 18,352  | 19,368   | 18,422    | 13,637     | 13,622 |      |
| Age 35-64 w/COD Tx Need              | 24.5%  | 26.0%  | 26.7%        | 27.9%        | 31.0%        | 31.7%        | 34.1%     |        | 26.7%   | 28.5%        | 28.9%   | 29.0%    | 30.7%     | 30.4%      | 31.9%  |      |
| Persons w/COD Tx Need                | 1,713  | 1,865  | 2,079        | 2,339        | 2,510        | 1,830        | 1,969     |        | 21,007  | 23,107       | 24,697  | 25,988   | 25,777    | 18,480     | 18,855 |      |
| Total persons                        | 6,991  | 7,161  | 7,788        | 8,378        | 8,099        | 5,769        | 5,769     |        | 78,732  | 81,208       | 85,414  | 89,764   | 83,896    | 60,692     | 59,172 |      |
| Age Total <sup>†</sup> w/COD Tx Need | 23.5%  | 24.7%  | 25.5%        | 26.3%        | 28.7%        | 27.5%        | 29.0%     |        | 25.0%   | 26.4%        | 26.7%   | 26.8%    | 28.0%     | 25.8%      | 26.6%  |      |
| Persons w/COD Tx Need                | 2,462  | 2,650  | 2,958        | 3,262        | 3,462        | 2,468        | 2,607     |        | 28,593  | 31,079       | 32,908  | 34,678   | 34,003    | 23,637     | 24,045 |      |
| Total persons                        | 10,471 | 10,718 | 11,586       | 12,417       | 12,068       | 8,972        | 9,001     |        | 114,461 | 117,789      | 123,249 | 129,155  | 121,553   | 91,544     | 90,229 |      |
| Population by Race-Ethnicity         |        |        |              |              |              |              |           |        |         |              |         |          |           |            |        |      |
| Amer Indian w/COD Tx Need            | 33.8%  | 36.0%  | 37.8%        | 38.5%        | 41.1%        | 41.0%        | 39.9%     |        | 36.3%   | 38.3%        | 38.0%   | 37.9%    | 38.9%     | 37.2%      | 37.5%  |      |
| Persons w/COD Tx Need                | 400    | 436    | 493          | 515          | 544          | 421          | 407       |        | 4,242   | 4,591        | 4,723   | 4,900    | 4,771     | 3,536      | 3,478  |      |
| Total persons                        | 1,185  | 1,210  | 1,304        | 1,337        | 1,325        | 1,026        | 1,020     |        | 11,672  | 11,997       | 12,429  | 12,930   | 12,250    | 9,501      | 9,263  |      |
| Asian w/COD Tx Need                  | 17.5%  | 14.8%  | 18.6%        | 20.7%        | 20.0%        | 19.8%        | 20.8%     |        | 12.8%   | 14.2%        | 14.8%   | 15.5%    | 15.8%     | 13.8%      | 14.8%  |      |
| Persons w/COD Tx Need                | 33     | 28     | 41           | 50           | 50           | 38           | 38        |        | 739     | 836          | 891     | 981      | 936       | 634        | 660    |      |
| Total persons                        | 189    | 189    | 220          | 242          | 250          | 192          | 183       |        | 5,775   | 5,897        | 6,004   | 6,310    | 5,940     | 4,590      | 4,462  |      |
| Black w/COD Tx Need                  | 28.0%  | 30.6%  | 31.1%        | 29.6%        | 34.1%        | 35.5%        | 32.4%     |        | 30.5%   | 31.9%        | 32.0%   | 31.8%    | 32.0%     | 29.2%      | 29.4%  |      |
| Persons w/COD Tx Need                | 175    | 209    | 236          | 250          | 296          | 242          | 225       |        | 4,283   | 4,694        | 5,046   | 5,297    | 5,143     | 3,609      | 3,627  |      |
| Total persons                        | 625    | 683    | 758          | 845          | 867          | 682          | 695       |        | 14,022  | 14,711       | 15,760  | 16,669   | 16,067    | 12,353     | 12,344 |      |
| Hawaiian/PI w/COD Tx Need            | 23.8%  | 22.4%  | 28.9%        | 26.5%        | 28.1%        | 26.5%        | 30.5%     |        | 18.6%   | 20.1%        | 20.6%   | 20.8%    | 20.2%     | 16.4%      | 18.9%  |      |
| Persons w/COD Tx Need                | 24     | 24     | 33           | 35           | 39           | 27           | 32        |        | 431     | 504          | 541     | 588      | 556       | 344        | 397    |      |
| Total persons                        | 101    | 107    | 114          | 132          | 139          | 102          | 105       |        | 2,318   | 2,513        | 2,622   | 2,827    | 2,748     | 2,092      | 2,102  |      |
| Hispanic w/COD Tx Need               | 24.4%  | 25.3%  | 23.9%        | 23.9%        | 27.3%        | 23.7%        | 24.2%     |        | 19.8%   | 21.3%        | 21.3%   | 20.9%    | 21.8%     | 18.7%      | 20.3%  |      |
| Persons w/COD Tx Need                | 96     | 109    | 118          | 126          | 133          | 92           | 106       |        | 1,783   | 2,071        | 2,272   | 2,404    | 2,404     | 1,630      | 1,805  |      |
| Total persons                        | 393    | 431    | 493          | 528          | 488          | 388          | 438       |        | 9,015   | 9,737        | 10,656  | 11,484   | 11,007    | 8,731      | 8,893  |      |
| White Only w/COD Tx Need             | 22.4%  | 23.4%  | 24.2%        | 25.0%        | 27.4%        | 25.9%        | 28.2%     |        | 24.7%   | 26.1%        | 26.5%   | 26.8%    | 28.2%     | 26.3%      | 27.3%  |      |
| Persons w/COD Tx Need                | 1,822  | 1,928  | 2,146        | 2,378        | 2,512        | 1,742        | 1,896     |        | 18,256  | 19,704       | 20,806  | 21,931   | 21,632    | 14,914     | 15,182 |      |
| Total persons                        | 8,140  | 8,251  | 8,855        | 9,499        | 9,175        | 6,737        | 6,721     |        | 74,029  | 75,538       | 78,428  | 81,810   | 76,590    | 56,723     | 55,544 |      |
| Any Minority w/COD Tx Need           | 28.4%  | 30.2%  | <b>30.8%</b> | <b>31.4%</b> | <b>34.1%</b> | <b>34.0%</b> | 32.7%     |        | 26%     | <b>28%</b>   | 28%     | 28%      | 28%       | <b>26%</b> | 26%    |      |
| Persons w/COD Tx Need                | 639    | 716    | 803          | 871          | 937          | 722          | 706       |        | 10,279  | 11,291       | 11,980  | 12,611   | 12,250    | 8,633      | 8,770  |      |
| Total persons                        | 2,247  | 2,367  | 2,608        | 2,773        | 2,750        | 2,126        | 2,159     |        | 39,006  | 40,642       | 43,041  | 45,447   | 43,275    | 33,502     | 33,266 |      |
| Population by Gender                 | 2,247  | 2,507  | 2,000        | 2,775        | 2,750        | 2,120        | 2,135     |        | 35,000  | 40,042       | 45,041  | 45,447   | 45,275    | 33,302     | 55,200 |      |
| Females w/COD Tx Need                | 21.6%  | 22.4%  | 24.0%        | 24.8%        | 27.2%        | 28.2%        | 29.9%     |        | 22.8%   | 24.1%        | 24.9%   | 25.2%    | 26.6%     | 26.1%      | 27.3%  |      |
| Persons w/COD Tx Need                | 1,128  | 1,208  | 1,381        | 1,504        | 1,574        | 1,248        | 1,314     |        | 13,171  | 14,285       | 15,277  | 16,036   | 15,802    | 11,909     | 12,172 |      |
| Total persons                        | 5,215  | 5,389  | 5,743        | 6,062        | 5,797        | 4,428        | 4,393     |        | 57,858  | 59,375       | 61,473  | 63,561   | 59,484    | 45,639     | 44,545 |      |
| Males w/COD Tx Need                  | 25.4%  | 27.1%  | 27.0%        | 27.7%        | 30.1%        | 26.8%        | 28.1%     |        | 27.2%   | <b>28.7%</b> | 28.5%   | 28.4%    | 29.3%     | 25.5%      | 26.0%  |      |
| -                                    |        |        |              |              |              |              |           |        |         |              |         |          |           |            |        |      |
| Persons w/COD Tx Need                | 1,334  | 1,442  | 1,577        | 1,758        | 1,888        | 1,220        | 1,293     |        | 15,422  | 16,794       | 17,631  | 18,642   | 18,201    | 11,728     | 11,873 |      |



## **Co-Occurring Disorder Treatment Need Rates**

Among Medicaid-Disabled Youth and Adults, by County

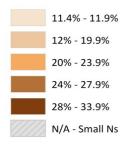
**MARCH 2017** 

SFY 2016

### INDICATOR

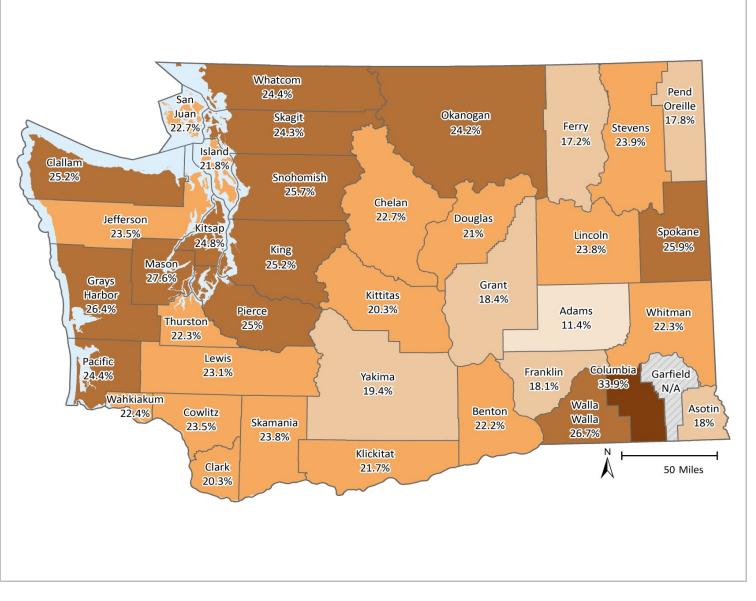
Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





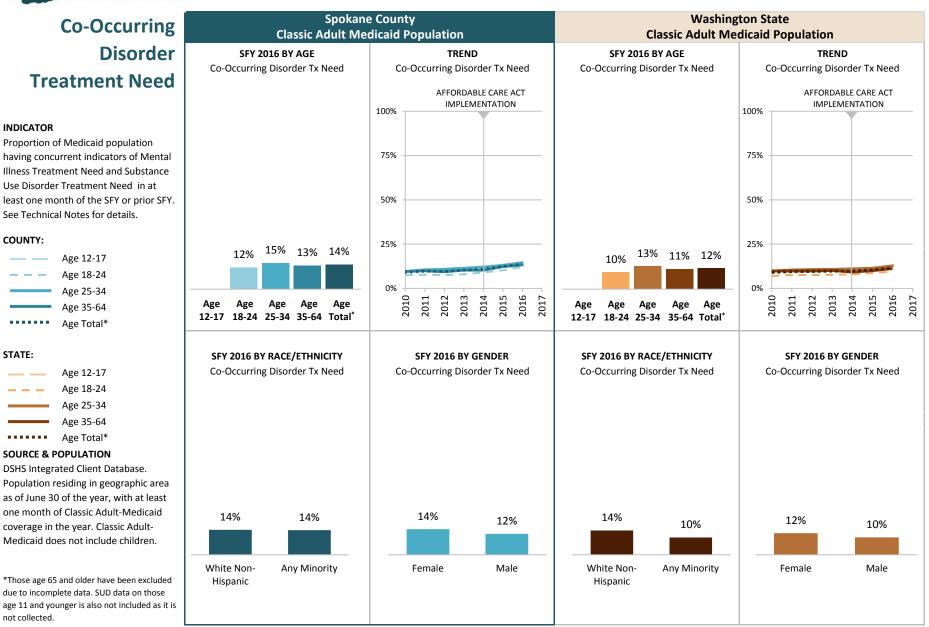
COUNTY:

STATE:

# **Spokane County**

### **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|   |                    | 301                | PORTIN        |                |                       | o occu              |                     | bilder | Treatm  |         |           | lock in at            | on Chata    |              |                       |      |
|---|--------------------|--------------------|---------------|----------------|-----------------------|---------------------|---------------------|--------|---------|---------|-----------|-----------------------|-------------|--------------|-----------------------|------|
|   |                    |                    |               | Spokane        |                       |                     |                     |        |         |         |           | Vashingt              |             |              |                       |      |
| STATE FISCAL YEAR   |                    | (                  | Classic Ac    | ault Wed       | Icald Po              | pulation            |                     |        |         | C       | lassic Ac | uit wed               | icaid Pop   | ulation      |                       |      |
| Population by Age   | 2010               | 2011               | 2012          | 2013           | 2014                  | 2015                | 2016                | 2017   | 2010    | 2011    | 2012      | 2013                  | 2014        | 2015         | 2016                  | 2017 |
| Age 12-17 w/COD Tx Need                                   | 2010               | 2011               | 2012          | 2015           | 2014                  | 2015                | 2010                | 2017   | 2010    | 2011    | 2012      | 2015                  | 2014        | 2015         | 2010                  | 2017 |
| Persons w/COD Tx Need                                     |                    |                    |               |                |                       |                     |                     |        |         |         |           |                       |             |              |                       |      |
| Total persons   |                    |                    |               |                |                       |                     |                     |        |         |         |           |                       |             |              |                       |      |
| Age 18-24 w/COD Tx Need                                   | 7.6%               | 7.7%               | 7.5%          | 8.0%           | 9.1%                  | 10.3%               | 12.1%               |        | 7.1%    | 7.6%    | 7.6%      | 7.7%                  | 8.0%        | 8.7%         | 9.5%                  |      |
| Persons w/COD Tx Need                                     | 402                | 392                | 362           | 360            | 357                   | 325                 | 324                 |        | 3,819   | 4,061   | 3,809     | 3,608                 | 3,369       | 3,024        | 2,845                 |      |
| Total persons   | 5,285              | 5,075              | 4,832         | 4,491          | 3,943                 | 3,162               | 2,678               |        | 53,642  | 53,226  | 50,282    | 46,798                | 42,062      | 34,728       | 29,874                |      |
| Age 25-34 w/COD Tx Need                                   | 9.6%               | 10.6%              | 10.9%         | 11.5%          | <b>12.1%</b>          | 13.1%               | 14.6%               |        | 9.8%    | 10.5%   | 10.7%     | 10.8%                 | 11.0%       | 11.4%        | 12.8%                 |      |
| Persons w/COD Tx Need                                     | 795                | 935                | 948           | 1,001          | 1,094                 | 1,184               | 1,247               |        | 7,809   | 8,882   | 9,110     | 9,168                 | 9,911       | 10,421       | 11,148                |      |
| Total persons   | 8,291              | 8,815              | 8,730         | 8,668          | 9,034                 | 9,012               | 8,529               |        | 79,426  | 84,872  | 85,154    | 84,954                | 89,881      | 91,384       | 87,322                |      |
| Age 35-64 w/COD Tx Need                                   | 9.6%               | 9,815<br>9.9%      | 9,730<br>9.4% | 10.3%          | 9,034<br><b>10.3%</b> | 12.3%               | 13.3%               |        | 9.9%    | 9.9%    | 9.9%      | <b>10.1%</b>          | <b>9.3%</b> | <b>10.0%</b> | 11.2%                 |      |
| Persons w/COD Tx Need                                     | <b>9.0%</b><br>475 | <b>9.9%</b><br>537 |               |                | <b>10.3%</b><br>693   | <b>12.3%</b><br>914 | 1,000               |        |         |         |           | <b>10.1%</b><br>6,118 |             |              |                       |      |
| •   |                    |                    | 513           | 562            |                       |                     | ,                   |        | 5,362   | 5,775   | 5,944     | ,                     | 7,153       | 8,706        | 9,617                 |      |
| Total persons   | 4,950              | 5,399              | 5,440         | 5,461          | 6,705                 | 7,406               | 7,530               |        | 54,048  | 58,368  | 59,987    | 60,533                | 77,257      | 86,785       | 85,486                |      |
| Age Total <sup>†</sup> w/COD Tx Need                      | 9.0%               | 9.7%               | 9.6%          | 10.3%          | 10.9%                 | 12.4%               | 13.7%               |        | 9.1%    | 9.5%    | 9.7%      | 9.8%                  | 9.8%        | 10.4%        | 11.6%                 |      |
| Persons w/COD Tx Need                                     | 1,672              | 1,864              | 1,823         | 1,923          | 2,144                 | 2,423               | 2,571               |        | 16,990  | 18,718  | 18,863    | 18,894                | 20,433      | 22,151       | 23,610                |      |
| Total persons   | 18,526             | 19,289             | 19,002        | 18,620         | 19,682                | 19,580              | 18,737              |        | 187,116 | 196,466 | 195,423   | 192,285               | 209,200     | 212,897      | 202,682               |      |
| Population by Race-Ethnicity<br>Amer Indian w/COD Tx Need | 17.6%              | 17.9%              | 18.3%         | 18.6%          | 20.8%                 | 21.9%               | 23.5%               |        | 19.4%   | 19.9%   | 20.0%     | 19.8%                 | 20.5%       | 21.6%        | 23.7%                 |      |
| Persons w/COD Tx Need                                     | 296                | 317                | 331           |                | <b>20.6%</b><br>344   |                     | <b>23.3%</b><br>332 |        |         |         |           |                       |             |              | <b>23.7%</b><br>3,259 |      |
|   |                    |                    |               | 323            |                       | 335                 |                     |        | 3,046   | 3,190   | 3,174     | 3,080                 | 3,182       | 3,180        |                       |      |
| Total persons   | 1,685              | 1,768              | 1,804         | 1,734          | 1,650                 | 1,527               | 1,414               |        | 15,724  | 16,055  | 15,880    | 15,536                | 15,526      | 14,748       | 13,780                |      |
| Asian w/COD Tx Need                                       | 5.5%               | 5.2%               | 5.6%          | 5.2%           | 5.7%                  | 5.4%                | 7.0%                |        | 5.6%    | 5.5%    | 5.5%      | 5.7%                  | 5.5%        | 5.2%         | 5.7%                  |      |
| Persons w/COD Tx Need                                     | 26                 | 27                 | 30            | 29             | 36                    | 34                  | 42                  |        | 497     | 547     | 569       | 598                   | 708         | 723          | 751                   |      |
| Total persons   | 475                | 524                | 534           | 558            | 629                   | 628                 | 598                 |        | 8,946   | 9,857   | 10,383    | 10,472                | 12,826      | 13,850       | 13,283                |      |
| Black w/COD Tx Need                                       | 10.3%              | 10.7%              | 11.0%         | 9.5%           | 10.6%                 | 14.0%               | 14.6%               |        | 8.4%    | 8.8%    | 8.7%      | 8.6%                  | 9.2%        | 10.0%        | 11.3%                 |      |
| Persons w/COD Tx Need                                     | 103                | 112                | 118           | 102            | 119                   | 149                 | 155                 |        | 1,720   | 1,947   | 1,953     | 1,928                 | 2,134       | 2,260        | 2,394                 |      |
| Total persons   | 996                | 1,042              | 1,071         | 1,071          | 1,125                 | 1,065               | 1,059               |        | 20,472  | 22,019  | 22,359    | 22,509                | 23,300      | 22,608       | 21,247                |      |
| Hawaiian/PI w/COD Tx Need                                 | 7.3%               | 5.7%               | 6.0%          | 5.1%           | 3.9%                  | 4.3%                | 4.8%                |        | 5.4%    | 5.6%    | 5.7%      | 5.4%                  | 5.7%        | 6.0%         | 6.4%                  |      |
| Persons w/COD Tx Need                                     | 20                 | 18                 | 21            | 19             | 21                    | 26                  | 27                  |        | 357     | 400     | 440       | 436                   | 526         | 606          | 624                   |      |
| Total persons   | 275                | 317                | 348           | 374            | 543                   | 598                 | 563                 |        | 6,597   | 7,206   | 7,668     | 8,012                 | 9,280       | 10,049       | 9,680                 |      |
| Hispanic w/COD Tx Need                                    | 8.1%               | 9.0%               | 8.5%          | 9.2%           | 9.5%                  | 10.8%               | 11.7%               |        | 6.1%    | 6.3%    | 6.4%      | 6.6%                  | 6.1%        | 6.4%         | 7.3%                  |      |
| Persons w/COD Tx Need                                     | 97                 | 116                | 114           | 124            | 140                   | 161                 | 168                 |        | 1,717   | 1,903   | 1,988     | 2,056                 | 2,245       | 2,475        | 2,677                 |      |
| Total persons   | 1,191              | 1,287              | 1,338         | 1,346          | 1,475                 | 1,492               | 1,438               |        | 27,981  | 30,192  | 31,042    | 31,071                | 36,696      | 38,578       | 36,904                |      |
| White Only w/COD Tx Need                                  | 8.7%               | 9.4%               | 9.3%          | 10.3%          | 10.9%                 | 12.6%               | 14.1%               |        | 9.8%    | 10.4%   | 10.6%     | 10.9%                 | 11.1%       | 12.1%        | 13.7%                 |      |
| Persons w/COD Tx Need                                     | 1,203              | 1,354              | 1,305         | 1,414          | 1,578                 | 1,814               | 1,930               |        | 10,665  | 11,821  | 11,892    | 11,953                | 12,926      | 14,192       | 15,203                |      |
| Total persons   | 13,871             | 14,400             | 14,054        | 13,708         | 14,448                | 14,373              | 13,674              |        | 109,240 | 113,562 | 111,810   | 109,193               | 116,622     | 117,491      | 111,271               |      |
| Any Minority w/COD Tx Need                                | <b>11.2%</b>       | 11.5%              | 11.5%         | 11. <b>2</b> % | 11.7%                 | 12.8%               | 13.9%               |        | 9%      | 9%      | 9%        | 9%                    | 9%          | 9%           | 10%                   |      |
| Persons w/COD Tx Need                                     | 465                | 505                | 517           | 505            | 562                   | 605                 | 630                 |        | 6,279   | 6,844   | 6,923     | 6,894                 | 7,449       | 7,878        | 8,273                 |      |
| Total persons   | 4,151              | 4,399              | 4,503         | 4,505          | 4,804                 | 4,720               | 4,521               |        | 71,412  | 76,204  | 77,640    | 77,666                | 87,020      | 89,353       | 84,953                |      |
| Population by Gender                                      |                    |                    |               |                |                       |                     |                     |        |         |         |           |                       |             |              |                       |      |
| Females w/COD Tx Need                                     | 9.3%               | 10.0%              | 10.1%         | 10.7%          | 11.5%                 | 12.8%               | 14.3%               |        | 9.3%    | 9.8%    | 10.0%     | 10.1%                 | 10.3%       | 10.9%        | 12.2%                 |      |
| Persons w/COD Tx Need                                     | 1,272              | 1,413              | 1,413         | 1,475          | 1,679                 | 1,883               | 2,026               |        | 13,489  | 14,755  | 15,031    | 15,119                | 16,487      | 18,022       | 19,338                |      |
| Total persons   | 13,719             | 14,123             | 13,997        | 13,795         | 14,561                | 14,687              | 14,122              |        | 145,117 | 150,966 | 150,554   | 149,017               | 160,506     | 165,344      | 158,994               |      |
| Males w/COD Tx Need                                       | 8.3%               | 8.7%               | 8.2%          | 9.3%           | 9.1%                  | 11.0%               | 11.8%               |        | 8.3%    | 8.7%    | 8.5%      | 8.7%                  | 8.1%        | 8.7%         | 9.8%                  |      |
| Persons w/COD Tx Need                                     | 400                | 451                | 410           | 448            | 465                   | 540                 | 545                 |        | 3,501   | 3,963   | 3,832     | 3,775                 | 3,946       | 4,129        | 4,272                 |      |
|   |                    |                    |               |                |                       |                     |                     |        |         |         |           |                       |             |              |                       |      |



## **Co-Occurring Disorder Treatment Need Rates**

Among Medicaid-Classic Adults, by County

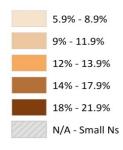
**MARCH 2017** 

## **SFY 2016**

### INDICATOR

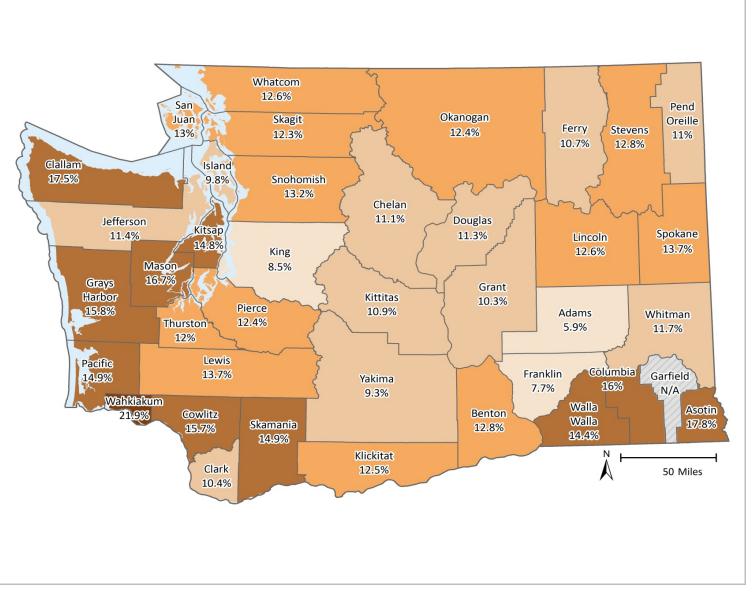
Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.



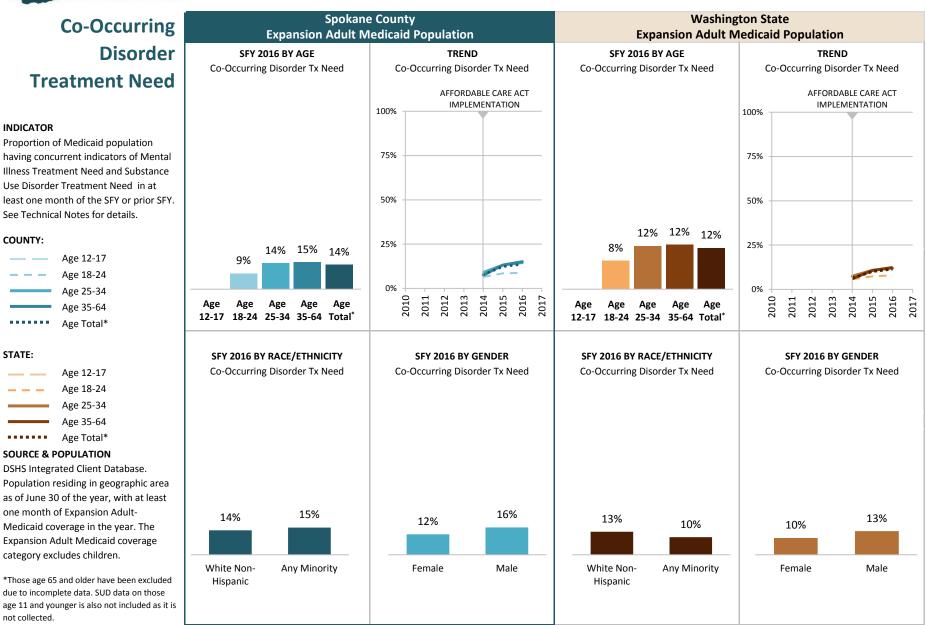


STATE:

# **Spokane County**

### **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|                                      |      |      |           | pokane   | County    | o occu        |        | Jonaci | meatin |      | W         | /ashingto |           |               |         |      |
|--------------------------------------|------|------|-----------|----------|-----------|---------------|--------|--------|--------|------|-----------|-----------|-----------|---------------|---------|------|
|                                      |      | Exp  | pansion A | Adult Me | edicaid P | opulatio      | n      |        |        | Exp  | pansion A | Adult Me  | dicaid Po | pulation      | า       |      |
| STATE FISCAL YEAR                    |      |      |           |          |           |               |        |        |        |      |           |           |           |               |         |      |
| Population by Age                    | 2010 | 2011 | 2012      | 2013     | 2014      | 2015          | 2016   | 2017   | 2010   | 2011 | 2012      | 2013      | 2014      | 2015          | 2016    | 2017 |
| Age 12-17 w/COD Tx Need              |      |      |           |          |           |               |        |        |        |      |           |           |           |               |         |      |
| Persons w/COD Tx Need                |      |      |           |          |           |               |        |        |        |      |           |           |           |               |         |      |
| Total persons                        |      |      |           |          |           |               |        |        |        |      |           |           |           |               |         |      |
| Age 18-24 w/COD Tx Need              |      |      |           |          | 6.6%      | 8.5%          | 8.8%   |        |        |      |           |           | 5.7%      | 7.3%          | 8.0%    |      |
| Persons w/COD Tx Need                |      |      |           |          | 363       | 801           | 990    |        |        |      |           |           | 3,422     | 7,567         | 9,554   |      |
| Total persons                        |      |      |           |          | 5,538     | 9,433         | 11,249 |        |        |      |           |           | 59,852    | 103,457       | 119,804 |      |
| Age 25-34 w/COD Tx Need              |      |      |           |          | 9.1%      | 1 <b>3.2%</b> | 14.5%  |        |        |      |           |           | 7.4%      | 1 <b>0.7%</b> | 12.0%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 826       | 2,103         | 2,722  |        |        |      |           |           | 7,580     | 19,047        | 24,663  |      |
| Total persons                        |      |      |           |          | 9,037     | 15,949        | 18,783 |        |        |      |           |           | 102,393   | 177,330       | 204,738 |      |
| Age 35-64 w/COD Tx Need              |      |      |           |          | 7.4%      | 13.2%         | 15.1%  |        |        |      |           |           | 6.0%      | 10.7%         | 12.4%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 1,146     | 3,392         | 4,288  |        |        |      |           |           | 11,873    | 34,003        | 42,836  |      |
| Total persons                        |      |      |           |          | 15,482    | 25,628        | 28,450 |        |        |      |           |           | 198,262   | 317,159       | 345,171 |      |
| Age Total <sup>†</sup> w/COD Tx Need |      |      |           |          | 7.8%      | 12.3%         | 13.7%  |        |        |      |           |           | 6.3%      | 10.1%         | 11.5%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 2,335     | 6,296         | 8,000  |        |        |      |           |           | 22,875    | 60,617        | 77,053  |      |
| Total persons                        |      |      |           |          | 30,057    | 51,010        | 58,482 |        |        |      |           |           | 360,507   | 597,946       | 669,713 |      |
| Population by Race-Ethnicity         |      |      |           |          |           |               |        |        |        |      |           |           |           |               |         |      |
| Amer Indian w/COD Tx Need            |      |      |           |          | 17.6%     | 26.1%         | 27.2%  |        |        |      |           |           | 16.9%     | 22.8%         | 24.2%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 281       | 760           | 955    |        |        |      |           |           | 2,837     | 6,944         | 8,532   |      |
| Total persons                        |      |      |           |          | 1,593     | 2,910         | 3,513  |        |        |      |           |           | 16,783    | 30,399        | 35,266  |      |
| Asian w/COD Tx Need                  |      |      |           |          | 2.8%      | 5.8%          | 6.3%   |        |        |      |           |           | 2.1%      | 3.9%          | 4.7%    |      |
| Persons w/COD Tx Need                |      |      |           |          | 30        | 94            | 114    |        |        |      |           |           | 686       | 1,906         | 2,447   |      |
| Total persons                        |      |      |           |          | 1,060     | 1,616         | 1,802  |        |        |      |           |           | 32,924    | 48,483        | 51,833  |      |
| Black w/COD Tx Need                  |      |      |           |          | 9.5%      | 15.3%         | 16.3%  |        |        |      |           |           | 6.6%      | 11.1%         | 12.3%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 123       | 376           | 478    |        |        |      |           |           | 1,871     | 5,441         | 6,882   |      |
| Total persons                        |      |      |           |          | 1,298     | 2,464         | 2,940  |        |        |      |           |           | 28,284    | 49,017        | 56,142  |      |
| Hawaiian/PI w/COD Tx Need            |      |      |           |          | 5.1%      | 7.5%          | 8.2%   |        |        |      |           |           | 3.8%      | 6.1%          | 6.6%    |      |
| Persons w/COD Tx Need                |      |      |           |          | 29        | 73            | 85     |        |        |      |           |           | 438       | 1,242         | 1,542   |      |
| Total persons                        |      |      |           |          | 565       | 977           | 1,036  |        |        |      |           |           | 11,451    | 20,416        | 23,467  |      |
| Hispanic w/COD Tx Need               |      |      |           |          | 6.1%      | 9.8%          | 11.4%  |        |        |      |           |           | 3.9%      | 6.6%          | 7.8%    |      |
| Persons w/COD Tx Need                |      |      |           |          | 116       | 329           | 463    |        |        |      |           |           | 2,026     | 5,607         | 7,547   |      |
| Total persons                        |      |      |           |          | 1,917     | 3,353         | 4,051  |        |        |      |           |           | 52,399    | 84,681        | 96,834  |      |
| White Only w/COD Tx Need             |      |      |           |          | 7.7%      | 12.3%         | 13.7%  |        |        |      |           |           | 7.3%      | 11.5%         | 13.0%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 1,807     | 4,819         | 6,103  |        |        |      |           |           | 15,832    | 41,441        | 52,380  |      |
| Total persons                        |      |      |           |          | 23,439    | 39,314        | 44,652 |        |        |      |           |           | 216,846   | 361,260       | 402,225 |      |
| Any Minority w/COD Tx Need           |      |      |           |          | 8.8%      | 14.1%         | 15.3%  |        |        |      |           |           | 5%        | 9%            | 10%     |      |
| Persons w/COD Tx Need                |      |      |           |          | 516       | 1,442         | 1,832  |        |        |      |           |           | 6,910     | 18,670        | 23,786  |      |
| Total persons                        |      |      |           |          | 5,841     | 10,214        | 12,003 |        |        |      |           |           | 130,167   | 212,403       | 239,488 |      |
| Population by Gender                 |      |      |           |          | -,        | , !           | ,      |        |        |      |           |           | ,         | ,,            | ,       |      |
| Females w/COD Tx Need                |      |      |           |          | 5.9%      | 10.0%         | 11.6%  |        |        |      |           |           | 5.0%      | 8.3%          | 9.5%    |      |
| Persons w/COD Tx Need                |      |      |           |          | 852       | 2,418         | 3,215  |        |        |      |           |           | 8,998     | 24,262        | 31,259  |      |
| Total persons                        |      |      |           |          | 14,554    | 24,194        | 27,642 |        |        |      |           |           | 179,152   | 292,424       | 328,130 |      |
| Males w/COD Tx Need                  |      |      |           |          | 9.6%      | 14.5%         | 15.5%  |        |        |      |           |           | 7.7%      | 11.9%         | 13.4%   |      |
| Persons w/COD Tx Need                |      |      |           |          | 1,483     | 3,878         | 4,785  |        |        |      |           |           | 13,877    | 36,355        | 45,794  |      |
| Total persons                        |      |      |           |          | 15,503    | 26,816        | 30,840 |        |        |      |           |           | 181,355   | 305,522       | 341,583 |      |
|                                      |      |      |           |          | 10,000    | 20,010        | 50,010 | 1      |        |      |           |           | _01,000   | 200,011       | 1,000   |      |

## SUPPORTING TABLES | Co-Occurring Disorder Treatment Need



## **Co-Occurring Disorder Treatment Need Rates**

Among Medicaid-Expansion Adults, by County

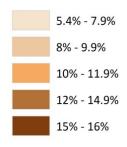
**MARCH 2017** 

## **SFY 2016**

### INDICATOR

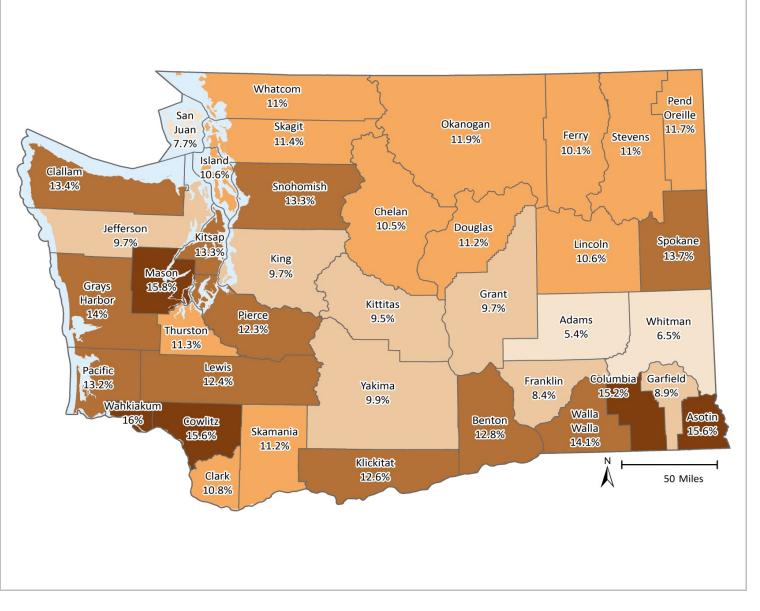
Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

| <b>Co-Occurring</b>  |  | e County<br>aid Population  |  | gton State<br>aid Population   |
|--|--|---|--|--|
| Disorder<br>Treatment Need   | SFY 2016 BY AGE<br>Co-Occurring Disorder Tx Need                     | TREND<br>Co-Occurring Disorder Tx Need<br>AFFORDABLE CARE ACT<br>IMPLEMENTATION | SFY 2016 BY AGE<br>Co-Occurring Disorder Tx Need               | TREND<br>Co-Occurring Disorder Tx Need<br>AFFORDABLE CARE ACT<br>IMPLEMENTATION      |
| INDICATOR<br>Proportion of Medicaid population<br>having concurrent indicators of Mental<br>Illness Treatment Need and Substance<br>Use Disorder Treatment Need in at<br>least one month of the SFY or prior SFY.<br>See Technical Notes for details.<br>COUNTY:   |  | 100%  |  | 100%       75%       50%   |
| Age 12-17<br>Age 18-24<br>Age 25-34<br>Age 35-64<br>Age Total*   | 4% 4%<br>Age Age Age Age Age<br>12-17 18-24 25-34 35-64 Total*       | 2010 %0<br>2011 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~                             | 3% 3%<br>Age Age Age Age Age<br>12-17 18-24 25-34 35-64 Total* | 2010<br>2011<br>2012<br>2013<br>2014<br>2015<br>2015<br>2015<br>2017<br>2017<br>2017 |
| STATE:<br>Age 12-17<br>Age 18-24<br>Age 25-34<br>Age 35-64<br>Age Total*<br>SOURCE & POPULATION<br>DSHS Integrated Client Database.<br>Population residing in geographic area<br>as of June 30 of the year, with at least<br>one month of Child-Medicaid coverage<br>in the year. Adults are not included in<br>the Child-Medicaid category. | SFY 2016 BY RACE/ETHNICITY<br>Co-Occurring Disorder Tx Need<br>3% 5% | SFY 2016 BY GENDER<br>Co-Occurring Disorder Tx Need                             | SFY 2016 BY RACE/ETHNICITY<br>Co-Occurring Disorder Tx Need    | SFY 2016 BY GENDER<br>Co-Occurring Disorder Tx Need                                  |
| *Those age 65 and older have been excluded<br>due to incomplete data. SUD data on those<br>age 11 and younger is also not included as it is<br>not collected.  | White Non- Any Minority<br>Hispanic                                  | Female Male   | White Non- Any Minority<br>Hispanic                            | Female Male  |

|                                      |        | SUP    | PORTIN | IG TABI | LES   Co | o-Occur | ring Di | sorder | Treatn  | nent Ne | eed     |          |           |         |         |      |
|--------------------------------------|--------|--------|--------|---------|----------|---------|---------|--------|---------|---------|---------|----------|-----------|---------|---------|------|
|                                      |        |        |        | Spokane |          |         |         |        |         |         |         | Vashingt | on State  |         |         |      |
|                                      |        |        | Child  | Medicai | d Popula | tion    |         |        |         |         | Child   | Medicai  | d Populat | ion     |         |      |
| STATE FISCAL YEAR                    |        |        |        |         |          |         |         |        |         |         |         |          | -         |         |         |      |
| Population by Age                    | 2010   | 2011   | 2012   | 2013    | 2014     | 2015    | 2016    | 2017   | 2010    | 2011    | 2012    | 2013     | 2014      | 2015    | 2016    | 2017 |
| Age 12-17 w/COD Tx Need              | 3.9%   | 4.0%   | 4.2%   | 3.8%    | 3.7%     | 3.9%    | 3.6%    |        | 2.9%    | 3.0%    | 3.1%    | 3.2%     | 3.0%      | 3.1%    | 2.8%    |      |
| Persons w/COD Tx Need                | 509    | 561    | 602    | 548     | 576      | 625     | 623     |        | 4,766   | 5,198   | 5,564   | 5,926    | 6,039     | 6,422   | 6,200   |      |
| Total persons                        | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117  | 17,222  |        | 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 Total <sup>†</sup> w/COD Tx Need | 3.9%   | 4.0%   | 4.2%   | 3.8%    | 3.7%     | 3.9%    | 3.6%    |        | 2.9%    | 3.0%    | 3.1%    | 3.2%     | 3.0%      | 3.1%    | 2.8%    |      |
| Persons w/COD Tx Need                | 509    | 561    | 602    | 548     | 576      | 625     | 623     |        | 4,766   | 5,198   | 5,564   | 5,926    | 6,039     | 6,422   | 6,200   |      |
| Total persons                        | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117  | 17,222  |        | 162,627 | 173,386 | 178,968 | 183,694  | 198,942   | 207,420 | 218,447 |      |
| Population by Race-Ethnicity         |        |        |        |         |          |         |         |        |         |         |         |          |           |         |         |      |
| Amer Indian w/COD Tx Need            | 11.3%  | 10.5%  | 11.4%  | 9.8%    | 9.4%     | 9.4%    | 9.0%    |        | 8.2%    | 8.1%    | 8.4%    | 8.7%     | 8.6%      | 8.5%    | 7.5%    |      |
| Persons w/COD Tx Need                | 126    | 124    | 135    | 120     | 119      | 116     | 117     |        | 1,006   | 1,030   | 1,085   | 1,139    | 1,131     | 1,131   | 1,011   |      |
| Total persons                        | 1,116  | 1,176  | 1,185  | 1,227   | 1,260    | 1,240   | 1,304   |        | 12,249  | 12,703  | 12,883  | 13,128   | 13,141    | 13,262  | 13,536  |      |
| Asian w/COD Tx Need                  |        | 2.3%   | 3.2%   | 4.1%    | 2.7%     | 2.9%    | 2.1%    |        | 1.9%    | 1.8%    | 1.9%    | 2.1%     | 1.9%      | 1.9%    | 1.7%    |      |
| Persons w/COD Tx Need                |        | 11     | 16     | 21      | 15       | 16      | 12      |        | 216     | 221     | 240     | 276      | 283       | 287     | 271     |      |
| Total persons                        | 445    | 482    | 503    | 516     | 566      | 561     | 569     |        | 11,190  | 12,185  | 12,570  | 12,852   | 14,718    | 15,395  | 15,780  |      |
| Black w/COD Tx Need                  | 5.2%   | 5.4%   | 5.4%   | 4.5%    | 5.5%     | 6.4%    | 5.9%    |        | 3.4%    | 3.4%    | 3.7%    | 3.9%     | 4.0%      | 4.2%    | 3.8%    |      |
| Persons w/COD Tx Need                | 50     | 54     | 58     | 52      | 66       | 81      | 80      |        | 607     | 642     | 712     | 781      | 826       | 897     | 837     |      |
| Total persons                        | 953    | 998    | 1,070  | 1,161   | 1,200    | 1,264   | 1,367   |        | 17,731  | 18,623  | 19,279  | 19,932   | 20,782    | 21,338  | 22,105  |      |
| Hawaiian/PI w/COD Tx Need            |        | 3.2%   | 3.1%   | 2.8%    | 2.8%     | 2.0%    | 2.0%    |        | 2.2%    | 2.2%    | 2.1%    | 2.5%     | 2.5%      | 2.6%    | 2.2%    |      |
| Persons w/COD Tx Need                |        | 12     | 13     | 12      | 14       | 11      | 12      |        | 143     | 162     | 162     | 198      | 215       | 237     | 220     |      |
| Total persons                        | 245    | 377    | 419    | 434     | 504      | 543     | 589     |        | 6,591   | 7,363   | 7,794   | 8,030    | 8,716     | 9,164   | 9,839   |      |
| Hispanic w/COD Tx Need               | 3.6%   | 4.2%   | 4.3%   | 3.5%    | 3.5%     | 4.2%    | 4.8%    |        | 2.3%    | 2.5%    | 2.7%    | 2.8%     | 2.6%      | 2.6%    | 2.5%    |      |
| Persons w/COD Tx Need                | 37     | 49     | 52     | 44      | 49       | 66      | 84      |        | 1,003   | 1,207   | 1,349   | 1,512    | 1,537     | 1,652   | 1,702   |      |
| Total persons                        | 1,024  | 1,169  | 1,222  | 1,253   | 1,413    | 1,554   | 1,736   |        | 44,109  | 47,723  | 50,592  | 53,801   | 59,067    | 62,688  | 67,923  |      |
| White Only w/COD Tx Need             | 3.4%   | 3.6%   | 3.8%   | 3.3%    | 3.3%     | 3.5%    | 3.2%    |        | 3.1%    | 3.1%    | 3.2%    | 3.3%     | 3.1%      | 3.3%    | 3.0%    |      |
| Persons w/COD Tx Need                | 323    | 356    | 385    | 343     | 356      | 387     | 374     |        | 2,320   | 2,489   | 2,611   | 2,698    | 2,760     | 2,935   | 2,824   |      |
| Total persons                        | 9,456  | 9,946  | 10,174 | 10,308  | 10,876   | 11,127  | 11,732  |        | 75,857  | 80,066  | 81,561  | 81,847   | 87,798    | 89,996  | 92,594  |      |
| Any Minority w/COD Tx Need           | 5.7%   | 5.7%   | 5.7%   | 5.2%    | 5.1%     | 5.2%    | 5.1%    |        | 3%      | 3%      | 3%      | 3%       | 3%        | 3%      | 3%      |      |
| Persons w/COD Tx Need                | 186    | 205    | 217    | 204     | 218      | 237     | 248     |        | 2,437   | 2,702   | 2,946   | 3,219    | 3,267     | 3,473   | 3,349   |      |
| Total persons                        | 3,252  | 3,615  | 3,774  | 3,946   | 4,290    | 4,521   | 4,878   |        | 82,162  | 88,045  | 91,997  | 96,194   | 104,259   | 109,275 | 115,992 |      |
| Population by Gender                 |        |        |        |         |          |         |         |        |         |         |         |          |           |         |         |      |
| Females w/COD Tx Need                | 3.9%   | 4.0%   | 4.3%   | 3.7%    | 4.0%     | 4.5%    | 4.1%    |        | 2.9%    | 2.9%    | 3.0%    | 3.1%     | 3.1%      | 3.3%    | 3.0%    |      |
| Persons w/COD Tx Need                | 255    | 275    | 306    | 262     | 303      | 357     | 342     |        | 2,322   | 2,461   | 2,631   | 2,825    | 3,022     | 3,373   | 3,299   |      |
| Total persons                        | 6,519  | 6,917  | 7,069  | 7,153   | 7,625    | 7,892   | 8,437   |        | 81,320  | 86,265  | 88,937  | 91,117   | 98,880    | 103,147 | 108,564 |      |
| Males w/COD Tx Need                  | 3.9%   | 4.1%   | 4.1%   | 3.8%    | 3.4%     | 3.3%    | 3.2%    |        | 3.0%    | 3.1%    | 3.3%    | 3.3%     | 3.0%      | 2.9%    | 2.6%    |      |
| Persons w/COD Tx Need                | 254    | 286    | 296    | 286     | 273      | 268     | 281     |        | 2,444   | 2,737   | 2,933   | 3,101    | 3,017     | 3,049   | 2,901   |      |
| Total persons                        | 6,451  | 6,963  | 7,212  | 7,437   | 7,922    | 8,225   | 8,785   |        | 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

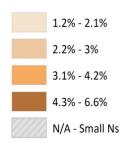
**MARCH 2017** 

## SFY 2016

### INDICATOR

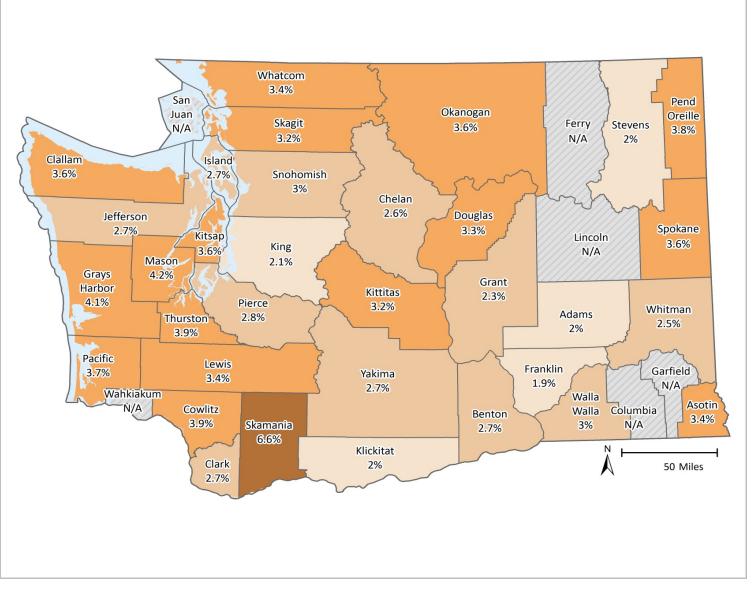
Proportion of Medicaid population having concurrent indicators of Mental Illness Treatment Need and Substance Use Disorder Treatment Need in at least one month of the SFY or prior SFY. See Technical Notes for details.

### 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.





### Behavioral Health Treatment Needs and Outcomes

**MARCH 2017** 

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## 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:

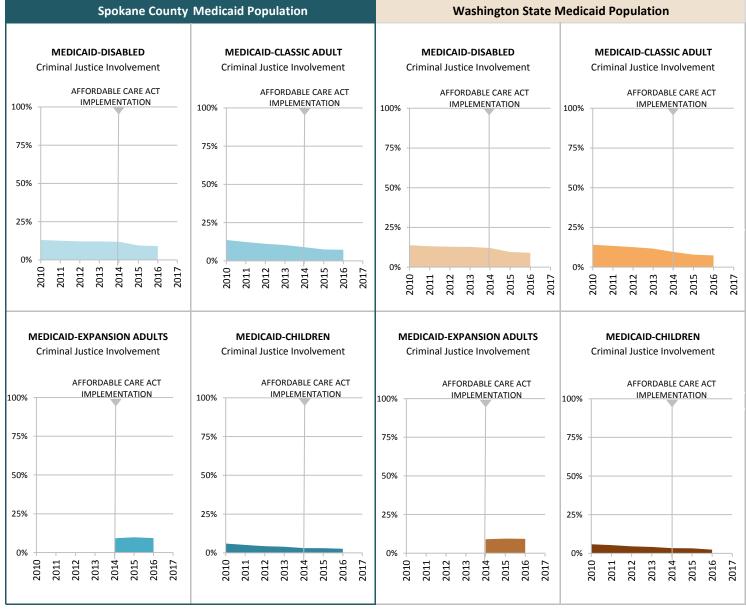


Disabled Classic Adults Expansion Adults Children

#### 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 subpopulations 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.



|                            |        | S      | pokane | County I     | Medicaid | l Populat | ion    |      |         | Wa      | shington | State M | edicaid P | opulatio | n       |      |
|----------------------------|--------|--------|--------|--------------|----------|-----------|--------|------|---------|---------|----------|---------|-----------|----------|---------|------|
| STATE FISCAL YEAR          |        |        |        |              |          |           |        |      |         |         |          |         |           |          |         |      |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013         | 2014     | 2015      | 2016   | 2017 | 2010    | 2011    | 2012     | 2013    | 2014      | 2015     | 2016    | 2017 |
| Medicaid-Disabled          | 13.0%  | 12.5%  | 12.1%  | <b>12.0%</b> | 11.8%    | 9.4%      | 9.0%   |      | 13.8%   | 13.2%   | 12.9%    | 12.8%   | 12.0%     | 9.5%     | 9.0%    |      |
| Persons w/CJ Involvement   | 1,361  | 1,342  | 1,400  | 1,494        | 1,430    | 842       | 812    |      | 15,801  | 15,495  | 15,855   | 16,472  | 14,634    | 8,724    | 8,126   |      |
| Total persons              | 10,471 | 10,718 | 11,586 | 12,417       | 12,068   | 8,972     | 9,001  |      | 114,461 | 117,789 | 123,249  | 129,155 | 121,553   | 91,544   | 90,229  |      |
| Medicaid-Classic Adults    | 13.6%  | 12.3%  | 11.1%  | 10.3%        | 8.9%     | 7.4%      | 7.2%   |      | 14.1%   | 13.4%   | 12.6%    | 11.7%   | 9.6%      | 7.9%     | 7.4%    |      |
| Persons w/CJ Involvement   | 2,523  | 2,368  | 2,114  | 1,919        | 1,752    | 1,456     | 1,350  |      | 26,412  | 26,273  | 24,617   | 22,458  | 20,054    | 16,741   | 14,979  |      |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620       | 19,682   | 19,580    | 18,737 |      | 187,116 | 196,466 | 195,423  | 192,285 | 209,200   | 212,897  | 202,682 |      |
| Medicaid-Expansion Adults  |        |        |        |              | 9.2%     | 9.8%      | 9.3%   |      |         |         |          |         | 9.0%      | 9.4%     | 9.2%    |      |
| Persons w/CJ Involvement   |        |        |        |              | 2,758    | 5,016     | 5,439  |      |         |         |          |         | 32,382    | 56,183   | 61,932  |      |
| Total persons              |        |        |        |              | 30,057   | 51,010    | 58,482 |      |         |         |          |         | 360,507   | 597,946  | 669,713 |      |
| Medicaid-Children          | 6.0%   | 5.1%   | 4.3%   | 3.9%         | 3.1%     | 3.0%      | 2.6%   |      | 5.9%    | 5.3%    | 4.5%     | 4.1%    | 3.4%      | 3.2%     | 2.4%    |      |
| Persons w/CJ Involvement   | 779    | 710    | 616    | 575          | 480      | 486       | 456    |      | 9,542   | 9,237   | 8,099    | 7,592   | 6,702     | 6,740    | 5,209   |      |
| Total persons              | 12,970 | 13,880 | 14,281 | 14,590       | 15,547   | 16,117    | 17,222 |      | 162,627 | 173,386 | 178,968  | 183,694 | 198,942   | 207,420  | 218,447 |      |

## SUPPORTING TABLES | Criminal Justice Involvement

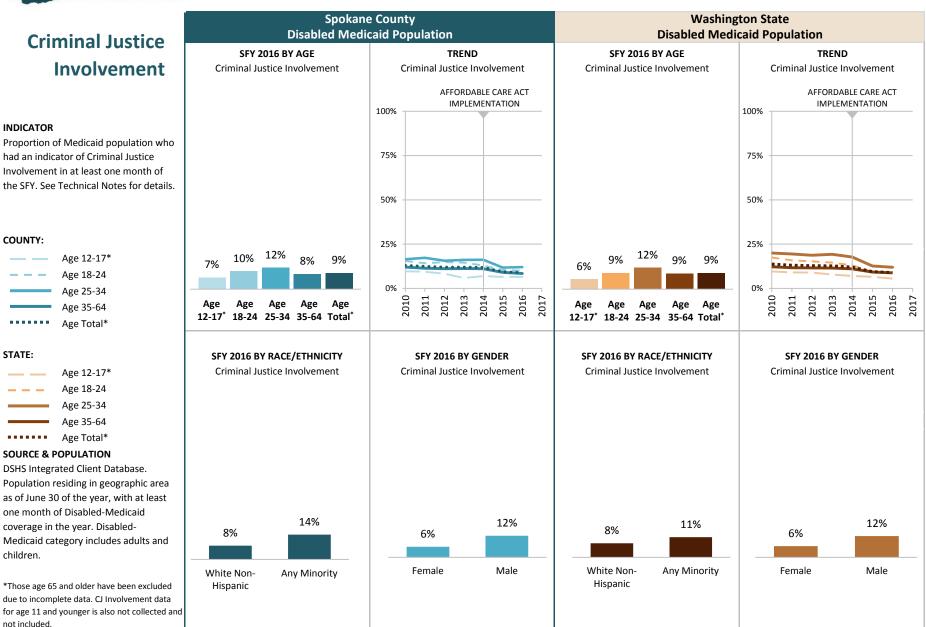
Why are measures produced separately by major Medicaid coverage groups? Different coverage groups have significantly different characteristics and experiences. Counties vary in the share of their caseloads comprised of different coverage groups. For example, Medicaid Expansion under the Affordable Care 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.



### Behavioral Health Treatment Needs and Outcomes

MARCH 2017



|   |              |                      |                     |                |              |              |       | SLICE | nvoiven | ient         |              |                 |                 |              |        |      |
|---|--------------|----------------------|---------------------|----------------|--------------|--------------|-------|-------|---------|--------------|--------------|-----------------|-----------------|--------------|--------|------|
|   |              |                      |                     | Spokane        |              |              |       |       |         |              |              | Vashingto       |                 |              |        |      |
|   |              |                      | Disable             | d Medic        | aid Popu     | lation       |       |       |         |              | Disable      | d Medica        | aid Popul       | ation        |        |      |
| STATE FISCAL YEAR                       |              |                      |                     |                |              |              |       |       |         |              |              |                 |                 |              |        |      |
| 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              | 9.7%         | 9.4%                 | 8.3%                | 5.9%           | 7.0%         | 6.5%         | 6.5%  |       | 9.6%    | 9.1%         | 9.0%         | 7.8%            | 7.1%            | 6.5%         | 5.6%   |      |
| Persons w/CJ Involvement                | 63           | 64                   | 61                  | 46             | 58           | 53           | 55    |       | 610     | 598          | 623          | 566             | 523             | 485          | 435    |      |
| Total persons                           | 652          | 681                  | 734                 | 783            | 825          | 815          | 845   |       | 6,359   | 6,574        | 6,923        | 7,275           | 7,359           | 7,425        | 7,805  |      |
| Age 18-24 w/CJ Involvement              | 15.5%        | 14.2%                | 14.9%               | 14.5%          | 12.9%        | 10.4%        | 10.1% |       | 17.5%   | 15.9%        | 15.3%        | 14.6%           | 13.0%           | 9.3%         | 9.0%   |      |
| Persons w/CJ Involvement                | 184          | 169                  | 184                 | 187            | 157          | 104          | 99    |       | 2,169   | 1,986        | 1,921        | 1,859           | 1,545           | 913          | 868    |      |
| Total persons                           | 1,188        | 1,187                | 1,236               | 1,287          | 1,214        | 999          | 982   |       | 12,428  | 12,515       | 12,560       | 12,748          | 11,876          | 9,790        | 9,630  |      |
| Age 25-34 w/CJ Involvement              | 16.5%        | 17.3%                | 15.7%               | 16.2%          | 16.2%        | 11.7%        | 12.0% |       | 20.0%   | 19.4%        | 18.7%        | 19.3%           | 17.7%           | 12.7%        | 12.0%  |      |
| Persons w/CJ Involvement                | 270          | 292                  | 287                 | 318            | 313          | 163          | 169   |       | 3,380   | 3,397        | 3,437        | 3,740           | 3,260           | 1,728        | 1,631  |      |
| Total persons                           | 1,640        | 1,689                | 1,828               | 1,969          | 1,930        | 1,389        | 1,405 |       | 16,942  | 17,492       | 18,352       | 19,368          | 18,422          | 13,637       | 13,622 |      |
| Age 35-64 w/CJ Involvement              | 12.1%        | 11.4%                | 11.1%               | 11 <b>.3</b> % | 11.1%        | 9.0%         | 8.5%  |       | 12.2%   | 11.7%        | 11.6%        | 11.5%           | 11.1%           | 9.2%         | 8.8%   |      |
| Persons w/CJ Involvement                | 844          | 817                  | 868                 | 943            | 902          | 522          | 489   |       | 9,642   | 9,514        | 9,874        | 10,307          | 9,306           | 5,598        | 5,192  |      |
| Total persons                           | 6,991        | 7,161                | 7,788               | 8,378          | 8,099        | 5,769        | 5,769 |       | 78,732  | 81,208       | 85,414       | 89,764          | 83,896          | 60,692       | 59,172 |      |
| Age Total <sup>†</sup> w/CJ Involvement | 13.0%        | 12.5%                | 12.1%               | 12.0%          | 11.8%        | 9.4%         | 9.0%  |       | 13.8%   | 13.2%        | 12.9%        | 12.8%           | 12.0%           | 9.5%         | 9.0%   |      |
| Persons w/CJ Involvement                | 1,361        | 1,342                | 1,400               | 1,494          | 1,430        | 842          | 812   |       | 15,801  | 15,495       | 15,855       | 16,472          | 14,634          | 8,724        | 8,126  |      |
| Total persons                           | 10,471       | 10,718               | 11,586              | 12,417         | 12,068       | 8,972        | 9,001 |       | 114,461 | 117,789      | 123,249      | 129,155         | 121,553         | 91,544       | 90,229 |      |
| Population by Race-Ethnicity            |              |                      |                     |                |              |              |       |       |         |              |              |                 |                 |              |        |      |
| Amer Indian w/CJ Involvement            | 19.2%        | 19.4%                | 20.2%               | 19.7%          | 21.1%        | 16.2%        | 15.4% |       | 20.4%   | 19.4%        | 18.7%        | 18.7%           | 17.8%           | 14.0%        | 14.1%  |      |
| Persons w/CJ Involvement                | 228          | 235                  | 264                 | 264            | 279          | 166          | 157   |       | 2,380   | 2,329        | 2,321        | 2,422           | 2,183           | 1,334        | 1,307  |      |
| Total persons                           | 1,185        | 1,210                | 1,304               | 1,337          | 1,325        | 1,026        | 1,020 |       | 11,672  | 11,997       | 12,429       | 12,930          | 12,250          | 9,501        | 9,263  |      |
| Asian w/CJ Involvement                  | 13.2%        | 5.8%                 | 10.9%               | 11.2%          | 7.6%         | 7.8%         | 8.2%  |       | 8.8%    | 8.2%         | 8.4%         | 7.9%            | 7.8%            | 5.6%         | 5.1%   |      |
| Persons w/CJ Involvement                | 25           | 11                   | 24                  | 27             | 19           | 15           | 15    |       | 507     | 486          | 507          | 500             | 461             | 255          | 226    |      |
| Total persons                           | 189          | 189                  | 220                 | 242            | 250          | 192          | 183   |       | 5,775   | 5,897        | 6,004        | 6,310           | 5,940           | 4,590        | 4,462  |      |
| Black w/CJ Involvement                  | 24.3%        | 23.1%                | 18.5%               | 20.5%          | 22.1%        | 15.5%        | 17.1% |       | 22.7%   | 21.7%        | 20.8%        | 20.5%           | 19.8%           | 15.7%        | 15.1%  |      |
| Persons w/CJ Involvement                | 152          | 158                  | 140                 | 173            | 192          | 106          | 119   |       | 3,182   | 3,196        | 3,279        | 3,424           | 3,176           | 1,943        | 1,868  |      |
| Total persons                           | 625          | 683                  | 758                 | 845            | 867          | 682          | 695   |       | 14,022  | 14,711       | 15,760       | 16,669          | 16,067          | 12,353       | 12,344 |      |
| Hawaiian/PI w/CJ Involvement            | 18.8%        | 13.1%                | 14.9%               | 11.4%          | 12.9%        | 11.8%        | 15.2% |       | 12.7%   | 11.9%        | 11.9%        | 11.2%           | 10.3%           | 7.6%         | 7.5%   |      |
| Persons w/CJ Involvement                | 19           | 14                   | 17                  | 15             | 18           | 12           | 16    |       | 295     | 298          | 311          | 317             | 284             | 160          | 157    |      |
| Total persons                           | 101          | 107                  | 114                 | 132            | 139          | 102          | 105   |       | 2,318   | 2,513        | 2,622        | 2,827           | 2,748           | 2,092        | 2,102  |      |
| Hispanic w/CJ Involvement               | 16.3%        | 14.2%                | 12.2%               | 13.6%          | 13.5%        | 10.6%        | 11.0% |       | 14.1%   | 13.8%        | 13.2%        | 12.7%           | 12.4%           | 9.9%         | 8.8%   |      |
| Persons w/CJ Involvement                | 64           | 61                   | 60                  | 72             | 66           | 41           | 48    |       | 1,269   | 1,340        | 1,411        | 1,464           | 1,361           | 862          | 785    |      |
| Total persons                           | 393          | 431                  | 493                 | 528            | 488          | 388          | 438   |       | 9,015   | 9,737        | 10,656       | 11,484          | 11,007          | 8,731        | 8,893  |      |
| White Only w/CJ Involvement             | 11.5%        | 11.2%                | 10.8%               | 10.5%          | 10.0%        | 8.0%         | 7.6%  |       | 12.2%   | 11.5%        | 11.3%        | 11.3%           | 10.6%           | 8.3%         | 7.8%   |      |
| Persons w/CJ Involvement                | 934          | 921                  | 958                 | 1,001          | 918          | 542          | 511   |       | 9,044   | 8,717        | 8,886        | 9,272           | 8,084           | 4,720        | 4,342  |      |
| Total persons                           | 8,140        | 8,251                | 8,855               | 9,499          | 9,175        | 6,737        | 6,721 |       | 74,029  | 75,538       | 78,428       | 81,810          | 76,590          | 56,723       | 55,544 |      |
| Any Minority w/CJ Involvement           | 19.0%        | 17.7%                | 16.8%               | 17.5%          | 18.5%        | <b>13.9%</b> | 13.7% |       | 17%     | <b>17%</b>   | 16%          | 16%             | 15%             | <b>12%</b>   | 11%    |      |
| Persons w/CJ Involvement                | 426          | 418                  | 438                 | 486            | 509          | 295          | 296   |       | 6,712   | 6,723        | 6,906        | 7,135           | 6,503           | 3,970        | 3,747  |      |
| Total persons                           | 2,247        | 2,367                | 2,608               | 2,773          | 2,750        | 2,126        | 2,159 |       | 39,006  | 40,642       | 43,041       | 45,447          | 43,275          | 33,502       | 33,266 |      |
| Population by Gender                    | 2,247        | 2,507                | 2,008               | 2,775          | 2,750        | 2,120        | 2,139 |       | 59,000  | 40,042       | 43,041       | 45,447          | 45,275          | 55,502       | 55,200 |      |
| Females w/CJ Involvement                | 8.6%         | 8.3%                 | 8.1%                | 7.9%           | 7.4%         | 6.1%         | 5.9%  |       | 9.2%    | 8.9%         | 8.6%         | 8.5%            | 7.9%            | 6.7%         | 6.2%   |      |
| Persons w/CJ Involvement                | 446          | <b>6.5</b> /6<br>445 | <b>6.176</b><br>466 | 477            | 430          | 270          | 258   |       | 5,307   | 5,309        | 5,287        | 5,421           | 4,694           | 3,056        | 2,757  |      |
| Total persons                           | 5,215        | 5,389                | 5,743               | 6,062          | 430<br>5,797 | 4,428        | 4,393 |       | 57,858  | 59,375       | 61,473       | 5,421<br>63,561 | 4,094<br>59,484 | 45,639       | 44,545 |      |
| Males w/CJ Involvement                  |              |                      |                     |                |              |              |       |       |         |              |              | <b>16.8%</b>    |                 |              |        |      |
| Persons w/CJ Involvement                | <b>17.4%</b> | <b>16.8%</b>         | <b>16.0%</b>        | 16.0%          | 15.9%        | 12.6%        | 12.0% |       | 18.5%   | <b>17.4%</b> | <b>17.1%</b> |                 | <b>16.0%</b>    | <b>12.3%</b> | 11.8%  |      |
|   | 915          | 897                  | 934                 | 1,017          | 1,000        | 572          | 554   |       | 10,494  | 10,186       | 10,568       | 11,051          | 9,940           | 5,668        | 5,369  |      |
| Total persons                           | 5,256        | 5,329                | 5,843               | 6,355          | 6,271        | 4,544        | 4,608 |       | 56,603  | 58,414       | 61,776       | 65,594          | 62,069          | 45,905       | 45,684 |      |

### SUPPORTING TABLES | Criminal Justice Involvement



## **Criminal Justice Involvement Rates**

Among Medicaid-Disabled Youth and Adults, by County

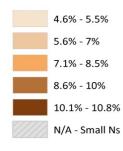
#### **MARCH 2017**

## 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.

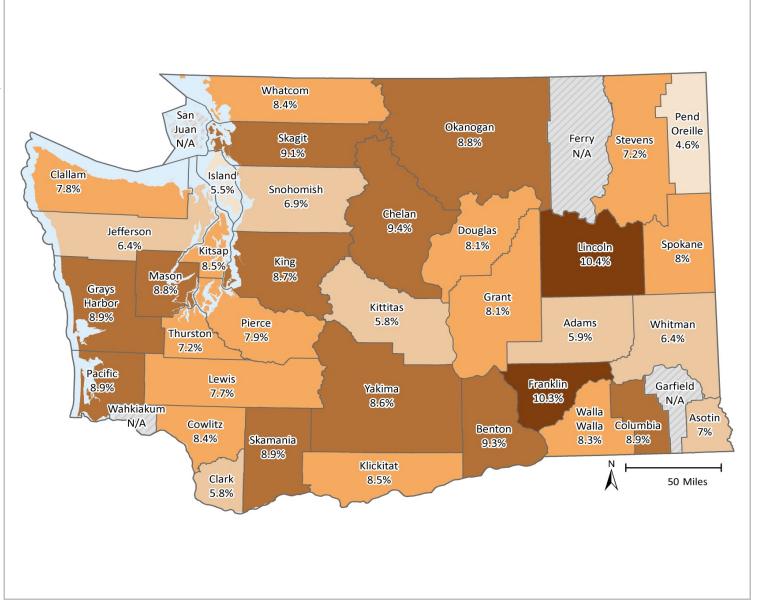
### Percent of Medicaid-Disabled Youth and Adults with Criminal Justice Involvement



### 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.

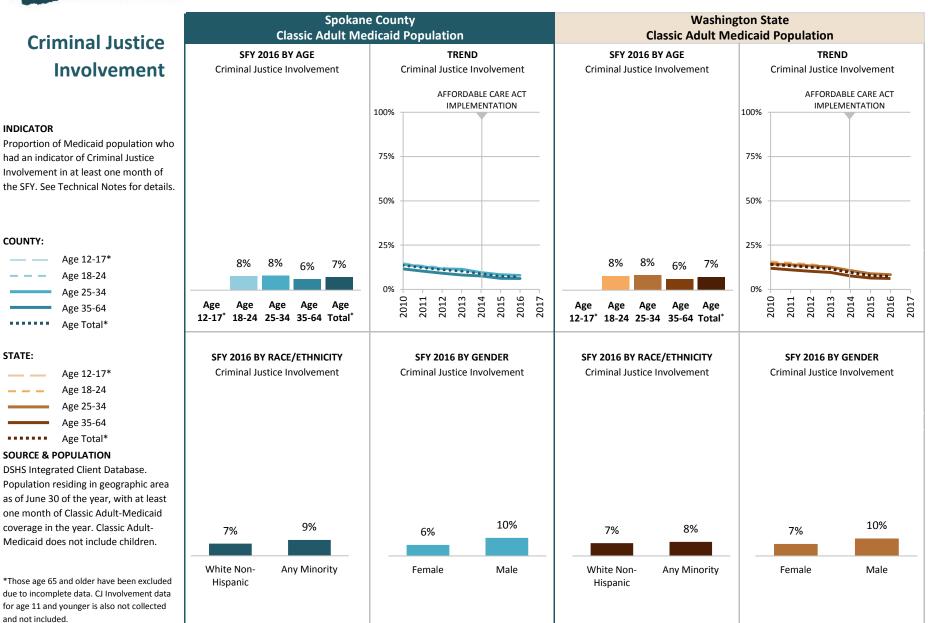
\*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.





### Behavioral Health Treatment Needs and Outcomes

MARCH 2017



|  |              |                |                       |          |                       |                    | lillal Ju | IVOIVEII                          | ient         |              | / I- * I | 64-4-        |         |                      |                      |      |  |
|--|--------------|----------------|-----------------------|----------|-----------------------|--------------------|-----------|-----------------------------------|--------------|--------------|----------|--------------|---------|----------------------|----------------------|------|--|
|  |              |                |                       | Spokane  |                       |                    |           | Washington State                  |              |              |          |              |         |                      |                      |      |  |
|  |              | (              | Classic Ad            | dult Med | Icaid Po              | pulation           |           | Classic Adult Medicaid Population |              |              |          |              |         |                      |                      |      |  |
| STATE FISCAL YEAR                                | 2010         | 2011           | 2012                  | 2012     | 2014                  | 2015               | 2016      | 2017                              | 2010         | 2011         | 2012     | 2012         | 2014    | 2015                 | 2016                 | 2017 |  |
| Population by Age<br>Age 12-17 w/CJ Involvement  | 2010         | 2011           | 2012                  | 2013     | 2014                  | 2015               | 2016      | 2017                              | 2010         | 2011         | 2012     | 2013         | 2014    | 2015                 | 2016                 | 2017 |  |
| Persons w/CJ Involvement                         |              |                |                       |          |                       |                    |           |                                   |              |              |          |              |         |                      |                      |      |  |
|  |              |                |                       |          |                       |                    |           |                                   |              |              |          |              |         |                      |                      |      |  |
| Total persons                                    | 4 4 00/      | 42 40/         | 4.2 40/               | 40 50/   | 0.4%                  | 7 20/              | 7 70/     |                                   | 45 70/       | 45.00/       | 4 4 20/  | 4.2 70/      | 44 40/  | 0 70/                | 0.00/                |      |  |
| Age 18-24 w/CJ Involvement                       | 14.8%        | 13.4%          | 12.4%                 | 10.5%    | 9.4%                  | 7.3%               | 7.7%      |                                   | 15.7%        | 15.0%        | 14.2%    | 12.7%        | 11.1%   | 8.7%                 | 8.0%                 |      |  |
| Persons w/CJ Involvement                         | 781          | 678            | 599                   | 471      | 369                   | 232                | 207       |                                   | 8,439        | 7,983        | 7,124    | 5,956        | 4,651   | 3,024                | 2,382                |      |  |
| Total persons                                    | 5,285        | 5,075          | 4,832                 | 4,491    | 3,943                 | 3,162              | 2,678     |                                   | 53,642       | 53,226       | 50,282   | 46,798       | 42,062  | 34,728               | 29,874               |      |  |
| Age 25-34 w/CJ Involvement                       | 14.1%        | 12.9%          | 11.7%                 | 11.5%    | 9.6%                  | 8.4%               | 8.0%      |                                   | 14.5%        | 13.9%        | 13.3%    | 12.6%        | 10.6%   | 8.9%                 | 8.3%                 |      |  |
| Persons w/CJ Involvement                         | 1,168        | 1,134          | 1,019                 | 1,001    | 869                   | 757                | 681       |                                   | 11,497       | 11,820       | 11,327   | 10,668       | 9,545   | 8,141                | 7,290                |      |  |
| Total persons                                    | 8,291        | 8,815          | 8,730                 | 8,668    | 9,034                 | 9,012              | 8,529     |                                   | 79,426       | 84,872       | 85,154   | 84,954       | 89,881  | 91,384               | 87,322               |      |  |
| Age 35-64 w/CJ Involvement                       | 11.6%        | 10.3%          | 9.1%                  | 8.2%     | 7.7%                  | 6.3%               | 6.1%      |                                   | 12.0%        | 11.1%        | 10.3%    | 9.6%         | 7.6%    | 6.4%                 | 6.2%                 |      |  |
| Persons w/CJ Involvement                         | 574          | 556            | 496                   | 447      | 514                   | 467                | 462       |                                   | 6,476        | 6,470        | 6,166    | 5,834        | 5,858   | 5,576                | 5,307                |      |  |
| Total persons                                    | 4,950        | 5,399          | 5,440                 | 5,461    | 6,705                 | 7,406              | 7,530     |                                   | 54,048       | 58,368       | 59,987   | 60,533       | 77,257  | 86,785               | 85,486               |      |  |
| Age Total <sup>†</sup> w/CJ Involvement          | 13.6%        | 12.3%          | 11.1%                 | 10.3%    | 8.9%                  | 7.4%               | 7.2%      |                                   | 14.1%        | 13.4%        | 12.6%    | 11.7%        | 9.6%    | 7.9%                 | 7.4%                 |      |  |
| Persons w/CJ Involvement                         | 2,523        | 2,368          | 2,114                 | 1,919    | 1,752                 | 1,456              | 1,350     |                                   | 26,412       | 26,273       | 24,617   | 22,458       | 20,054  | 16,741               | 14,979               |      |  |
| Total persons                                    | 18,526       | 19,289         | 19,002                | 18,620   | 19,682                | 19,580             | 18,737    |                                   | 187,116      | 196,466      | 195,423  | 192,285      | 209,200 | 212,897              | 202,682              |      |  |
| Population by Race-Ethnicity                     |              |                |                       |          |                       |                    |           |                                   |              |              |          |              |         |                      |                      |      |  |
| Amer Indian w/CJ Involvement                     | 23.9%        | 20.9%          | 20.3%                 | 19.8%    | 18.5%                 | 13.9%              | 13.2%     |                                   | 23.3%        | 22.2%        | 21.3%    | 19.7%        | 17.6%   | 15.2%                | 14.6%                |      |  |
| Persons w/CJ Involvement                         | 402          | 369            | 366                   | 344      | 306                   | 212                | 187       |                                   | 3,665        | 3,568        | 3,389    | 3,068        | 2,731   | 2,241                | 2,018                |      |  |
| Total persons                                    | 1,685        | 1,768          | 1,804                 | 1,734    | 1,650                 | 1,527              | 1,414     |                                   | 15,724       | 16,055       | 15,880   | 15,536       | 15,526  | 14,748               | 13,780               |      |  |
| Asian w/CJ Involvement                           | 6.9%         | 6.1%           | 7.9%                  | 6.5%     | 6.4%                  | 5.1%               | 4.8%      |                                   | 10.4%        | 9.6%         | 9.4%     | 8.0%         | 6.2%    | 5.0%                 | 4.5%                 |      |  |
| Persons w/CJ Involvement                         | 33           | 32             | 42                    | 36       | 40                    | 32                 | 29        |                                   | 931          | 943          | 976      | 838          | 796     | 691                  | 602                  |      |  |
| Total persons                                    | 475          | 524            | 534                   | 558      | 629                   | 628                | 598       |                                   | 8,946        | 9,857        | 10,383   | 10,472       | 12,826  | 13,850               | 13,283               |      |  |
| Black w/CJ Involvement                           | 24.2%        | 20.2%          | 18.8%                 | 15.0%    | 13.2%                 | 13.1%              | 11.3%     |                                   | 19.2%        | 17.8%        | 16.6%    | 15.2%        | 13.3%   | 10.9%                | 9.8%                 |      |  |
| Persons w/CJ Involvement                         | 241          | 210            | 201                   | 161      | 148                   | 140                | 120       |                                   | 3,932        | 3,913        | 3,721    | 3,416        | 3,100   | 2,467                | 2,076                |      |  |
| Total persons                                    | 996          | 1,042          | 1,071                 | 1,071    | 1,125                 | 1,065              | 1,059     |                                   | 20,472       | 22,019       | 22,359   | 22,509       | 23,300  | 22,608               | 21,247               |      |  |
| Hawaiian/PI w/CJ Involvement                     | 12.4%        | 9.5%           | 10.6%                 | 5.9%     | 5.3%                  | 6.9%               | 4.3%      |                                   | 12.9%        | 12.2%        | 11.7%    | 9.5%         | 8.1%    | 6.5%                 | 5.9%                 |      |  |
| Persons w/CJ Involvement                         | 34           | 30             | 37                    | 22       | 29                    | 41                 | 24        |                                   | 848          | 878          | 894      | 760          | 748     | 649                  | 568                  |      |  |
| Total persons                                    | 275          | 317            | 348                   | 374      | 543                   | 598                | 563       |                                   | 6,597        | 7,206        | 7,668    | 8,012        | 9,280   | 10,049               | 9,680                |      |  |
| Hispanic w/CJ Involvement                        | 14.3%        | 15.0%          | 12.9%                 | 11.6%    | 9.6%                  | 7.4%               | 7.1%      |                                   | 13.9%        | 13.7%        | 12.9%    | 12.2%        | 9.5%    | 7.7%                 | 7.0%                 |      |  |
| Persons w/CJ Involvement                         | 170          | 193            | 173                   | 156      | 142                   | 110                | 102       |                                   | 3,888        | 4,127        | 4,010    | 3,792        | 3,504   | 2,959                | 2,586                |      |  |
| Total persons                                    | 1,191        | 1,287          | 1,338                 | 1,346    | 1,475                 | 1,492              | 1,438     |                                   | 27,981       | 30,192       | 31,042   | 31,071       | 36,696  | 38,578               | 36,904               |      |  |
| White Only w/CJ Involvement                      | <b>12.5%</b> | 1,287<br>11.3% | 1,558<br><b>10.0%</b> | 9.4%     | <b>8.2%</b>           | 6.8%               | 6.9%      |                                   | <b>13.3%</b> | <b>12.6%</b> | 11.8%    | <b>11.1%</b> | 9.0%    | <b>7.6%</b>          | <b>7.3%</b>          |      |  |
| Persons w/CJ Involvement                         | 1,728        | 1,628          | 1,412                 |          | <b>0.2</b> %<br>1,179 | <b>0.0%</b><br>984 | 942       |                                   | 14,551       | 14,305       | 13,221   | 12,069       | 10,538  | <b>7.07</b><br>8,895 | <b>7.3%</b><br>8,099 |      |  |
|  |              |                |                       | 1,291    |                       |                    |           |                                   |              |              |          |              |         |                      |                      |      |  |
| Total persons                                    | 13,871       | 14,400         | 14,054                | 13,708   | 14,448                | 14,373             | 13,674    |                                   | 109,240      | 113,562      | 111,810  | 109,193      | 116,622 | 117,491              | 111,271              |      |  |
| Any Minority w/CJ Involvement                    | 18.7%        | 16.5%          | 15.5%                 | 13.8%    | 11.8%                 | 9.9%               | 8.9%      |                                   | 16%          | 15%          | 14%      | 13%          | 11%     | 9%                   | 8%                   |      |  |
| Persons w/CJ Involvement                         | 775          | 725            | 696                   | 623      | 568                   | 468                | 404       |                                   | 11,590       | 11,738       | 11,206   | 10,252       | 9,400   | 7,749                | 6,782                |      |  |
| Total persons                                    | 4,151        | 4,399          | 4,503                 | 4,505    | 4,804                 | 4,720              | 4,521     |                                   | 71,412       | 76,204       | 77,640   | 77,666       | 87,020  | 89,353               | 84,953               |      |  |
| Population by Gender<br>Females w/CJ Involvement | 10.00/       | 10 40/         | 0.00/                 | 0.30/    | 7 20/                 | C 40/              | 6.30/     |                                   | 11 70/       | 11 30/       | 10 50/   | 0.00/        | 0.30/   | 7 40/                | 6 70/                |      |  |
| •  | 10.8%        | 10.4%          | 8.9%                  | 8.2%     | 7.3%                  | 6.4%               | 6.2%      |                                   | 11.7%        | 11.2%        | 10.5%    | 9.8%         | 8.3%    | 7.1%                 | 6.7%                 |      |  |
| Persons w/CJ Involvement                         | 1,475        | 1,464          | 1,242                 | 1,135    | 1,066                 | 944                | 880       |                                   | 16,960       | 16,967       | 15,867   | 14,617       | 13,376  | 11,812               | 10,694               |      |  |
| Total persons                                    | 13,719       | 14,123         | 13,997                | 13,795   | 14,561                | 14,687             | 14,122    |                                   | 145,117      | 150,966      | 150,554  | 149,017      | 160,506 | 165,344              | 158,994              |      |  |
| Males w/CJ Involvement                           | 21.8%        | 17.5%          | 17.4%                 | 16.2%    | 13.4%                 | 10.5%              | 10.2%     |                                   | 22.5%        | 20.5%        | 19.5%    | 18.1%        | 13.7%   | 10.4%                | 9.8%                 |      |  |
| Persons w/CJ Involvement                         | 1,048        | 904            | 872                   | 784      | 686                   | 512                | 470       |                                   | 9,452        | 9,306        | 8,750    | 7,841        | 6,678   | 4,929                | 4,285                |      |  |
| Total persons                                    | 4,807        | 5,166          | 5,005                 | 4,825    | 5,121                 | 4,893              | 4,615     |                                   | 41,999       | 45,500       | 44,869   | 43,268       | 48,694  | 47,553               | 43,688               |      |  |

## SUPPORTING TABLES | Criminal Justice Involvement



## **Criminal Justice Involvement Rates**

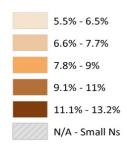
Among Medicaid-Classic Adults, by County

## SFY 2016

### INDICATOR

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

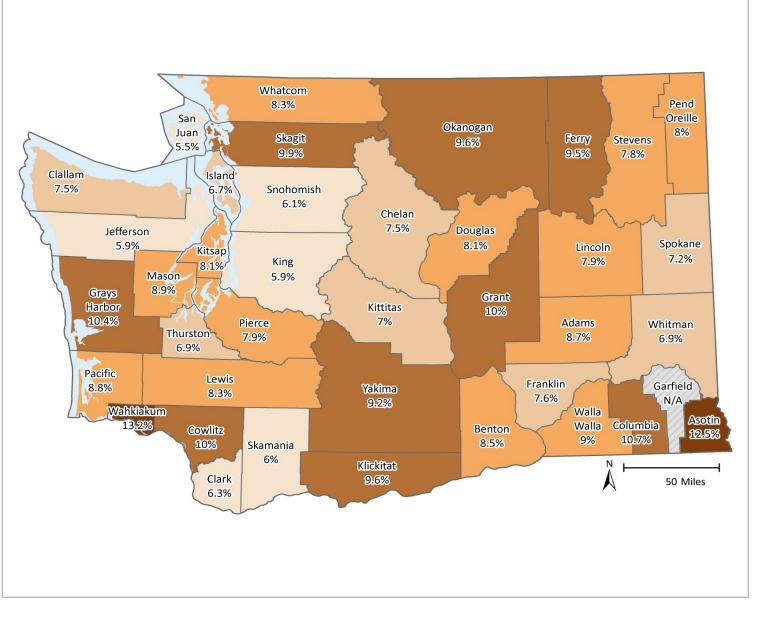
### Percent of Medicaid-Classic Adults with Criminal Justice Involvement



### 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.

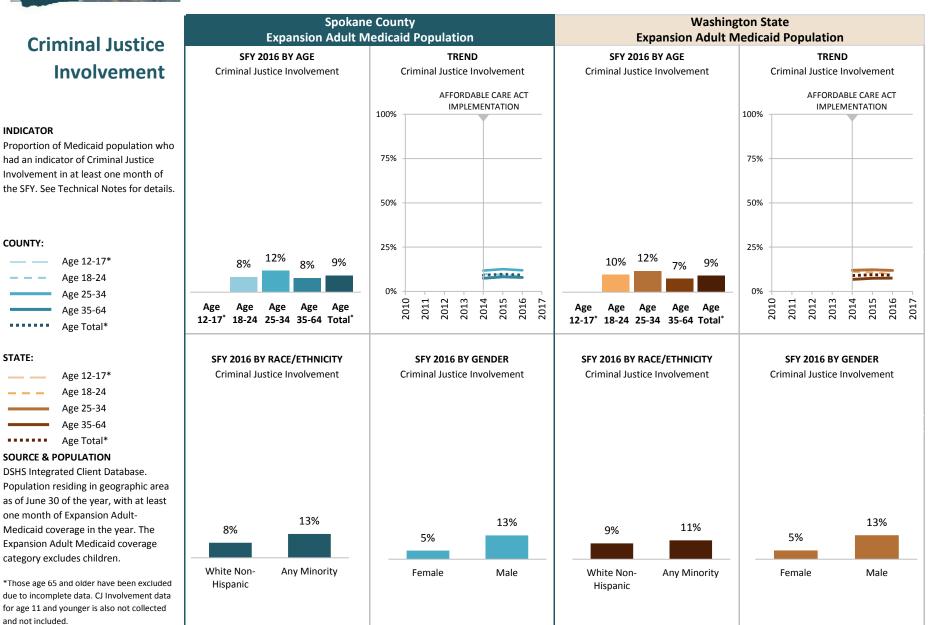
\*Those age 65 and older have been excluded due to incomplete data. CJ Involvement data for age 11 and younger is also not collected and not included.





### Behavioral Health Treatment Needs and Outcomes

MARCH 2017



|   |      |      |      | pokane |           |          |        | Washington State<br>Expansion Adult Medicaid Population |      |      |      |      |              |         |         |      |  |
|---|------|------|------|--------|-----------|----------|--------|---|------|------|------|------|--------------|---------|---------|------|--|
|   |      | Evr  |      |        | edicaid P | onulatio | n      |   |      |      |      |      |              |         |         |      |  |
| STATE FISCAL YEAR                       |      | ՟՟^Ⴡ |      |        |           | οριιατιο | 11     |   |      |      |      |      |              |         |         |      |  |
| 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              |      |      |      |        | 9.9%      | 9.5%     | 8.4%   |   |      |      |      |      | <b>11.2%</b> | 10.7%   | 9.8%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 548       | 896      | 950    |   |      |      |      |      | 6,674        | 11,052  | 11,751  |      |  |
| Total persons                           |      |      |      |        | 5,538     | 9,433    | 11,249 |   |      |      |      |      | 59,852       | 103,457 | 119,804 |      |  |
| Age 25-34 w/CJ Involvement              |      |      |      |        | 11.7%     | 12.6%    | 11.9%  |   |      |      |      |      | 12.0%        | 12.2%   | 11.9%   |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 1,060     | 2,012    | 2,244  |   |      |      |      |      | 12,268       | 21,609  | 24,337  |      |  |
| Total persons                           |      |      |      |        | 9,037     | 15,949   | 18,783 |   |      |      |      |      | 102,393      | 177,330 | 204,738 |      |  |
| Age 35-64 w/CJ Involvement              |      |      |      |        | 7.4%      | 8.2%     | 7.9%   |   |      |      |      |      | 6.8%         | 7.4%    | 7.5%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 1,150     | 2,108    | 2,245  |   |      |      |      |      | 13,440       | 23,522  | 25,844  |      |  |
| Total persons                           |      |      |      |        | 15,482    | 25,628   | 28,450 |   |      |      |      |      | 198,262      | 317,159 | 345,171 |      |  |
| Age Total <sup>†</sup> w/CJ Involvement |      |      |      |        | 9.2%      | 9.8%     | 9.3%   |   |      |      |      |      | 9.0%         | 9.4%    | 9.2%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 2,758     | 5,016    | 5,439  |   |      |      |      |      | 32,382       | 56,183  | 61,932  |      |  |
| Total persons                           |      |      |      |        | 30,057    | 51,010   | 58,482 |   |      |      |      |      | 360,507      | 597,946 | 669,713 |      |  |
| Population by Race-Ethnicity            |      |      |      |        | ,         | ,        | ,      |   |      |      |      |      | ,            | ,       | ,       |      |  |
| Amer Indian w/CJ Involvement            |      |      |      |        | 20.7%     | 22.7%    | 22.1%  |   |      |      |      |      | 21.4%        | 21.3%   | 19.8%   |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 330       | 661      | 775    |   |      |      |      |      | 3,599        | 6,462   | 6,981   |      |  |
| Total persons                           |      |      |      |        | 1,593     | 2,910    | 3,513  |   |      |      |      |      | 16,783       | 30,399  | 35,266  |      |  |
| Asian w/CJ Involvement                  |      |      |      |        | 4.5%      | 5.4%     | 4.4%   |   |      |      |      |      | 4.1%         | 4.7%    | 4.7%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 48        | 87       | 79     |   |      |      |      |      | 1,365        | 2,290   | 2,430   |      |  |
| Total persons                           |      |      |      |        | 1,060     | 1,616    | 1,802  |   |      |      |      |      | 32,924       | 48,483  | 51,833  |      |  |
| Black w/CJ Involvement                  |      |      |      |        | 16.3%     | 17.5%    | 17.1%  |   |      |      |      |      | 14.9%        | 15.7%   | 15.4%   |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 211       | 432      | 502    |   |      |      |      |      | 4,205        | 7,707   | 8,631   |      |  |
| Total persons                           |      |      |      |        | 1,298     | 2,464    | 2,940  |   |      |      |      |      | 28,284       | 49,017  | 56,142  |      |  |
| Hawaiian/PI w/CJ Involvement            |      |      |      |        | 7.4%      | 7.1%     | 6.8%   |   |      |      |      |      | 8.0%         | 8.0%    | 7.8%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 42        | 69       | 70     |   |      |      |      |      | 917          | 1,629   | 1,830   |      |  |
| Total persons                           |      |      |      |        | 565       | 977      | 1,036  |   |      |      |      |      | 11,451       | 20,416  | 23,467  |      |  |
| Hispanic w/CJ Involvement               |      |      |      |        | 10.2%     | 10.0%    | 9.9%   |   |      |      |      |      | 8.5%         | 9.2%    | 9.3%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 195       | 335      | 401    |   |      |      |      |      | 4,450        | 7,829   | 9,022   |      |  |
| Total persons                           |      |      |      |        | 1,917     | 3,353    | 4,051  |   |      |      |      |      | 52,399       | 84,681  | 96,834  |      |  |
| White Only w/CJ Involvement             |      |      |      |        | 8.6%      | 9.1%     | 8.5%   |   |      |      |      |      | 8.9%         | 9.1%    | 8.9%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 2,007     | 3,595    | 3,794  |   |      |      |      |      | 19,312       | 32,907  | 35,892  |      |  |
| Total persons                           |      |      |      |        | 23,439    | 39,314   | 44,652 |   |      |      |      |      | 216,846      | 361,260 | 402,225 |      |  |
| Any Minority w/CJ Involvement           |      |      |      |        | 12.7%     | 13.7%    | 13.4%  |   |      |      |      |      | 10%          | 11%     | 11%     |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 740       | 1,397    | 1,609  |   |      |      |      |      | 12,841       | 22,753  | 25,401  |      |  |
| Total persons                           |      |      |      |        | 5,841     | 10,214   | 12,003 |   |      |      |      |      | 130,167      | 212,403 | 239,488 |      |  |
| Population by Gender                    |      |      |      |        |           |          |        |   |      |      |      |      |              |         |         |      |  |
| Females w/CJ Involvement                |      |      |      |        | 4.8%      | 5.2%     | 4.9%   |   |      |      |      |      | 4.8%         | 5.0%    | 4.9%    |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 700       | 1,256    | 1,344  |   |      |      |      |      | 8,688        | 14,742  | 16,055  |      |  |
| Total persons                           |      |      |      |        | 14,554    | 24,194   | 27,642 |   |      |      |      |      | 179,152      | 292,424 | 328,130 |      |  |
| Males w/CJ Involvement                  |      |      |      |        | 13.3%     | 14.0%    | 13.3%  |   |      |      |      |      | 13.1%        | 13.6%   | 13.4%   |      |  |
| Persons w/CJ Involvement                |      |      |      |        | 2,058     | 3,760    | 4,095  |   |      |      |      |      | 23,694       | 41,441  | 45,877  |      |  |
| Total persons                           |      |      |      |        | 15,503    | 26,816   | 30,840 |   |      |      |      |      | 181,355      | 305,522 | 341,583 |      |  |

## SUPPORTING TABLES | Criminal Justice Involvement



## **Criminal Justice Involvement Rates**

Among Medicaid-Expansion Adults, by County

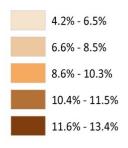
**MARCH 2017** 

## **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.

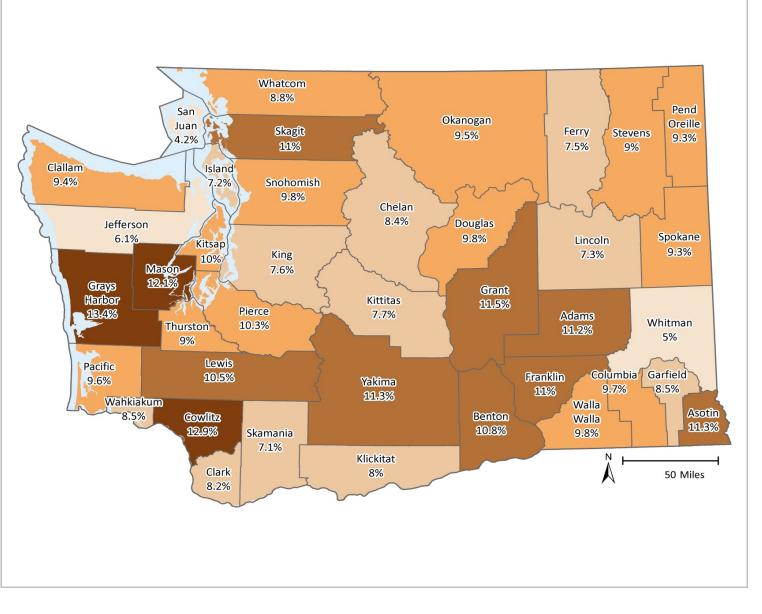
### Percent of Medicaid-Expansion Adults with Criminal Justice Involvement



#### 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.



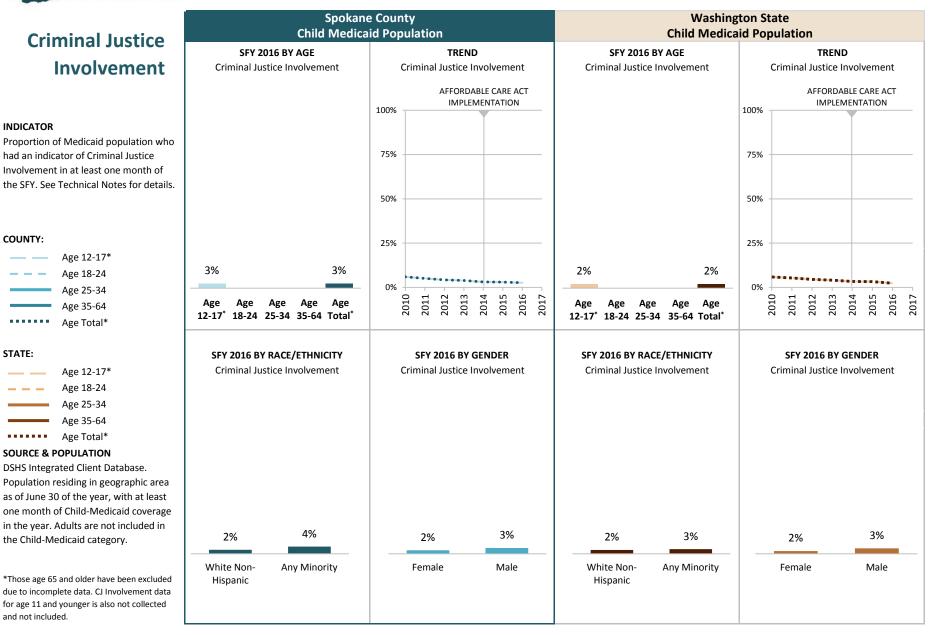


COUNTY:

STATE:

# **Spokane County**

### **Behavioral Health Treatment Needs and Outcomes**



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**MARCH 2017** 

|   |        |        |        |         |          |        | ninal Ju                  | stice i | nvolven | nent    |         | -       |          |         |         |     |
|---|--------|--------|--------|---------|----------|--------|---------------------------|---------|---------|---------|---------|---------|----------|---------|---------|-----|
|   |        |        |        | Spokane |          |        | Washington State          |         |         |         |         |         |          |         |         |     |
|   |        |        | Child  | Medicai | d Popula | tion   | Child Medicaid Population |         |         |         |         |         |          |         |         |     |
| STATE FISCAL YEAR                       |        |        |        |         |          |        |                           |         |         |         |         |         |          |         |         |     |
| Population by Age                       | 2010   | 2011   | 2012   | 2013    | 2014     | 2015   | 2016                      | 2017    | 2010    | 2011    | 2012    | 2013    | 2014     | 2015    | 2016    | 201 |
| Age 12-17 w/CJ Involvement              | 6.0%   | 5.1%   | 4.3%   | 3.9%    | 3.1%     | 3.0%   | 2.6%                      |         | 5.9%    | 5.3%    | 4.5%    | 4.1%    | 3.4%     | 3.2%    | 2.4%    |     |
| Persons w/CJ Involvement                | 779    | 710    | 616    | 575     | 480      | 486    | 456                       |         | 9,542   | 9,237   | 8,099   | 7,592   | 6,702    | 6,740   | 5,209   |     |
| Total persons                           | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117 | 17,222                    |         | 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 <sup>†</sup> w/CJ Involvement | 6.0%   | 5.1%   | 4.3%   | 3.9%    | 3.1%     | 3.0%   | 2.6%                      |         | 5.9%    | 5.3%    | 4.5%    | 4.1%    | 3.4%     | 3.2%    | 2.4%    |     |
| Persons w/CJ Involvement                | 779    | 710    | 616    | 575     | 480      | 486    | 456                       |         | 9,542   | 9,237   | 8,099   | 7,592   | 6,702    | 6,740   | 5,209   |     |
| Total persons                           | 12,970 | 13,880 | 14,281 | 14,590  | 15,547   | 16,117 | 17,222                    |         | 162,627 | 173,386 | 178,968 | 183,694 | 198,942  | 207,420 | 218,447 |     |
| Population by Race-Ethnicity            |        |        |        |         |          |        |                           |         |         |         |         |         |          |         |         |     |
| Amer Indian w/CJ Involvement            | 14.3%  | 11.2%  | 11.5%  | 9.3%    | 7.4%     | 7.2%   | 5.8%                      |         | 10.4%   | 9.3%    | 8.5%    | 8.2%    | 7.1%     | 7.0%    | 5.2%    |     |
| Persons w/CJ Involvement                | 160    | 132    | 136    | 114     | 93       | 89     | 76                        |         | 1,269   | 1,186   | 1,094   | 1,072   | 931      | 923     | 709     |     |
| Total persons                           | 1,116  | 1,176  | 1,185  | 1,227   | 1,260    | 1,240  | 1,304                     |         | 12,249  | 12,703  | 12,883  | 13,128  | 13,141   | 13,262  | 13,536  |     |
| Asian w/CJ Involvement                  | 4.5%   | 5.6%   | 5.2%   | 3.3%    | 2.1%     | 3.0%   | 2.3%                      |         | 3.8%    | 3.5%    | 3.0%    | 2.5%    | 1.8%     | 1.8%    | 1.2%    |     |
| Persons w/CJ Involvement                | 20     | 27     | 26     | 17      | 12       | 17     | 13                        |         | 426     | 428     | 375     | 324     | 261      | 271     | 193     |     |
| Total persons                           | 445    | 482    | 503    | 516     | 566      | 561    | 569                       |         | 11,190  | 12,185  | 12,570  | 12,852  | 14,718   | 15,395  | 15,780  |     |
| Black w/CJ Involvement                  | 10.2%  | 8.8%   | 8.7%   | 7.7%    | 6.1%     | 7.0%   | 5.8%                      |         | 8.7%    | 7.7%    | 6.9%    | 6.4%    | 5.5%     | 5.4%    | 4.5%    |     |
| Persons w/CJ Involvement                | 97     | 88     | 93     | 89      | 73       | 89     | 79                        |         | 1,548   | 1,426   | 1,324   | 1,283   | 1,142    | 1,145   | 997     |     |
| Total persons                           | 953    | 998    | 1,070  | 1,161   | 1,200    | 1,264  | 1,367                     |         | 17,731  | 18,623  | 19,279  | 19,932  | 20,782   | 21,338  | 22,105  |     |
| Hawaiian/PI w/CJ Involvement            |        | 4.8%   | 3.8%   | 3.0%    | 2.6%     | 2.9%   |                           |         | 4.8%    | 4.3%    | 4.1%    | 3.7%    | 2.9%     | 3.0%    | 2.2%    |     |
| Persons w/CJ Involvement                |        | 18     | 16     | 13      | 13       | 16     |                           |         | 315     | 313     | 318     | 297     | 251      | 276     | 212     |     |
| Total persons                           | 245    | 377    | 419    | 434     | 504      | 543    | 589                       |         | 6,591   | 7,363   | 7,794   | 8,030   | 8,716    | 9,164   | 9,839   |     |
| Hispanic w/CJ Involvement               | 7.6%   | 5.4%   | 4.7%   | 4.4%    | 3.3%     | 3.5%   | 3.3%                      |         | 6.1%    | 5.7%    | 4.7%    | 4.1%    | 3.3%     | 3.2%    | 2.3%    |     |
| Persons w/CJ Involvement                | 78     | 63     | 57     | 55      | 46       | 54     | 57                        |         | 2,681   | 2,715   | 2,383   | 2,191   | 1,944    | 2,006   | 1,564   |     |
| Total persons                           | 1,024  | 1,169  | 1,222  | 1,253   | 1,413    | 1,554  | 1,736                     |         | 44,109  | 47,723  | 50,592  | 53,801  | 59,067   | 62,688  | 67,923  |     |
| White Only w/CJ Involvement             | 4.9%   | 4.4%   | 3.4%   | 3.3%    | 2.5%     | 2.5%   | 2.2%                      |         | 5.4%    | 5.0%    | 4.1%    | 3.9%    | 3.2%     | 3.1%    | 2.2%    |     |
| Persons w/CJ Involvement                | 464    | 440    | 351    | 341     | 274      | 281    | 260                       |         | 4,088   | 3,971   | 3,367   | 3,168   | 2,781    | 2,795   | 2,075   |     |
| Total persons                           | 9,456  | 9,946  | 10,174 | 10,308  | 10,876   | 11,127 | 11,732                    |         | 75,857  | 80,066  | 81,561  | 81,847  | 87,798   | 89,996  | 92,594  |     |
| Any Minority w/CJ Involvement           | 9.6%   | 7.4%   | 7.0%   | 5.9%    | 4.8%     | 4.5%   | 4.0%                      |         | 7%      | 6%      | 5%      | 5%      | 4%       | 4%      | 3%      |     |
| Persons w/CJ Involvement                | 311    | 267    | 264    | 232     | 204      | 204    | 195                       |         | 5,388   | 5,196   | 4,684   | 4,395   | 3,874    | 3,901   | 3,099   |     |
| Total persons                           | 3,252  | 3,615  | 3,774  | 3,946   | 4,290    | 4,521  | 4,878                     |         | 82,162  | 88,045  | 91,997  | 96,194  | 104,259  | 109,275 | 115,992 |     |
| Population by Gender                    | 3,232  | 5)015  | 5,771  | 5,510   | 1)250    | 1,021  | 1,070                     |         | 02,102  | 00,010  | 51,557  | 50)251  | 10 1)200 | 100,270 | 110,002 |     |
| Females w/CJ Involvement                | 4.2%   | 3.8%   | 3.3%   | 3.0%    | 2.3%     | 2.2%   | 2.0%                      |         | 4.2%    | 3.8%    | 3.2%    | 2.9%    | 2.4%     | 2.3%    | 1.6%    |     |
| Persons w/CJ Involvement                | 277    | 261    | 233    | 216     | 172      | 174    | 166                       |         | 3,439   | 3,277   | 2,817   | 2,651   | 2,324    | 2,329   | 1,751   |     |
| Total persons                           | 6,519  | 6,917  | 7,069  | 7,153   | 7,625    | 7,892  | 8,437                     |         | 81,320  | 86,265  | 88,937  | 91,117  | 98,880   | 103,147 | 108,564 |     |
| Males w/CJ Involvement                  | 7.8%   | 6.4%   | 5.3%   | 4.8%    | 3.9%     | 3.8%   | 3.3%                      |         | 7.5%    | 6.8%    | 5.9%    | 5.3%    | 4.4%     | 4.2%    | 3.1%    |     |
| Persons w/CJ Involvement                | 502    | 449    | 383    | 359     | 308      | 312    | 290                       |         | 6,103   | 5,960   | 5,282   | 4,941   | 4,378    | 4,411   | 3,458   |     |
|   | 332    |        |        |         |          |        |                           |         |         |         |         |         |          |         |         |     |

## SUPPORTING TABLES | Criminal Justice Involvement



## **Criminal Justice Involvement Rates**

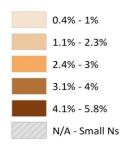
Among Medicaid-Children, by County

## SFY 2016

### INDICATOR

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

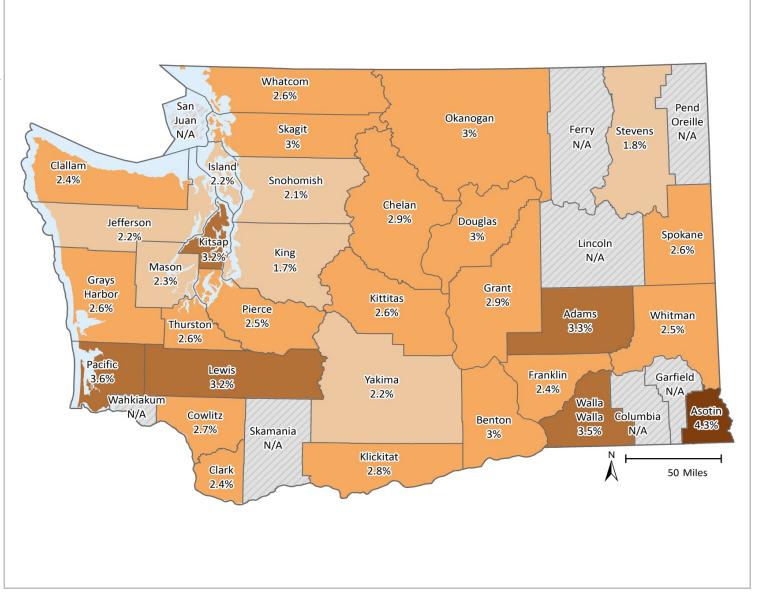
### Percent of Medicaid-Children with Criminal Justice Involvement



### 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.





## **Behavioral Health Treatment Needs and Outcomes**

MARCH 2017

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# 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.



#### 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 subpopulations 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.



|                            |        | S      | pokane | County I | Medicaic | l Populat | tion   |      | Washington State Medicaid Population |         |         |         |         |         |         |      |
|----------------------------|--------|--------|--------|----------|----------|-----------|--------|------|--------------------------------------|---------|---------|---------|---------|---------|---------|------|
| STATE FISCAL YEAR          |        |        |        |          |          |           |        |      |                                      |         |         |         |         |         |         |      |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013     | 2014     | 2015      | 2016   | 2017 | 2010                                 | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017 |
| Medicaid-Disabled          | 16.6%  | 16.6%  | 16.1%  | 13.1%    | 15.8%    | 15.9%     | 16.6%  |      | 14.4%                                | 14.2%   | 13.5%   | 11.0%   | 12.6%   | 12.5%   | 12.7%   |      |
| Persons w/psy. polypharm.  | 1,926  | 1,976  | 2,054  | 1,787    | 2,084    | 1,608     | 1,690  |      | 18,015                               | 18,240  | 18,066  | 15,394  | 16,726  | 12,864  | 12,857  |      |
| Total persons              | 11,613 | 11,888 | 12,774 | 13,601   | 13,216   | 10,123    | 10,166 |      | 124,883                              | 128,515 | 134,310 | 140,423 | 132,693 | 102,517 | 101,262 |      |
| Medicaid-Classic Adults    | 2.0%   | 2.4%   | 2.3%   | 2.3%     | 2.7%     | 3.5%      | 3.8%   |      | 1.8%                                 | 2.0%    | 1.8%    | 1.6%    | 2.1%    | 2.6%    | 2.9%    |      |
| Persons w/psy. polypharm.  | 370    | 456    | 443    | 428      | 541      | 677       | 714    |      | 3,359                                | 3,979   | 3,600   | 3,077   | 4,481   | 5,579   | 5,871   |      |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620   | 19,682   | 19,580    | 18,737 |      | 187,116                              | 196,466 | 195,423 | 192,285 | 209,200 | 212,897 | 202,682 |      |
| Medicaid-Expansion Adults  |        |        |        |          | 1.7%     | 3.4%      | 3.6%   |      |                                      |         |         |         | 1.4%    | 2.7%    | 2.8%    |      |
| Persons w/psy. polypharm.  |        |        |        |          | 511      | 1,738     | 2,108  |      |                                      |         |         |         | 4,922   | 16,087  | 19,012  |      |
| Total persons              |        |        |        |          | 30,057   | 51,010    | 58,482 |      |                                      |         |         |         | 360,507 | 597,946 | 669,713 |      |
| Medicaid-Children          | 0.7%   | 0.6%   | 0.7%   | 0.7%     | 0.7%     | 0.8%      | 0.9%   |      | 0.3%                                 | 0.3%    | 0.3%    | 0.3%    | 0.4%    | 0.4%    | 0.4%    |      |
| Persons w/psy. polypharm.  | 329    | 330    | 377    | 381      | 407      | 467       | 530    |      | 1,857                                | 2,248   | 2,233   | 2,102   | 2,492   | 2,775   | 3,094   |      |
| Total persons              | 48,797 | 51,427 | 52,264 | 53,094   | 55,484   | 57,268    | 60,490 |      | 622,410                              | 654,270 | 667,876 | 675,849 | 709,246 | 733,269 | 764,990 |      |

## SUPPORTING TABLES | Psychotropic Polypharmacy

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.



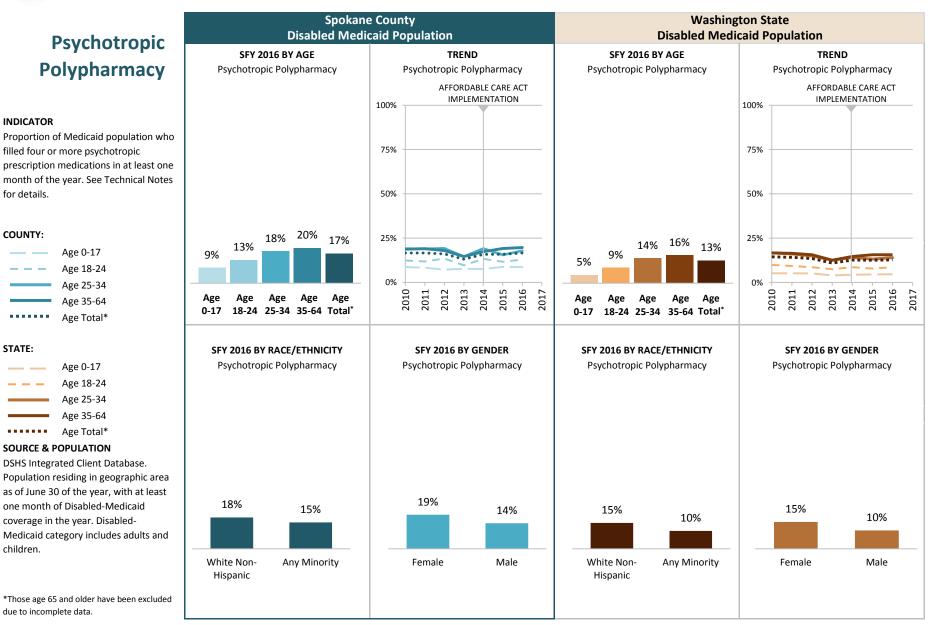


STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|                                 |                     |                     |                     |                     |                     | 13   PS             | /chotro             |      | ypnarm               | пасу                  |                      |                      |                      |                      |                      |      |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------|
|                                 |                     |                     |                     | Spokane             |                     |                     |                     |      |                      |                       |                      | Vashingt             |                      |                      |                      |      |
|                                 |                     |                     | Disable             | d Medic             | aid Popu            | lation              |                     |      |                      |                       | Disable              | d Medica             | aid Popul            | ation                |                      |      |
| STATE FISCAL YEAR               |                     |                     |                     |                     |                     |                     |                     |      |                      |                       |                      |                      |                      |                      |                      |      |
| Population by Age               | 2010                | 2011                | 2012                | 2013                | 2014                | 2015                | 2016                | 2017 | 2010                 | 2011                  | 2012                 | 2013                 | 2014                 | 2015                 | 2016                 | 2017 |
| Age 0-17 w/psy. polypharm.      | 8.6%                | 8.3%                | 7.2%                | 7.7%                | 7.6%                | 8.7%                | 8.7%                |      | 5.2%                 | 5.2%                  | 5.1%                 | 4.0%                 | 4.3%                 | 4.5%                 | 4.6%                 |      |
| Persons w/psy. polypharm.       | 155                 | 154                 | 139                 | 152                 | 149                 | 172                 | 175                 |      | 866                  | 897                   | 912                  | 733                  | 798                  | 832                  | 863                  |      |
| Total persons                   | 1,794               | 1,851               | 1,922               | 1,967               | 1,973               | 1,966               | 2,010               |      | 16,781               | 17,300                | 17,984               | 18,543               | 18,499               | 18,398               | 18,838               |      |
| Age 18-24 w/psy. polypharm.     | 12.4%               | 11.8%               | 13.4%               | 9.6%                | 13.3%               | 11.6%               | 12.9%               |      | 9.8%                 | 9.3%                  | 8.6%                 | 7.5%                 | 8.6%                 | 7.9%                 | 8.6%                 |      |
| Persons w/psy. polypharm.       | 147                 | 140                 | 166                 | 124                 | 161                 | 116                 | 127                 |      | 1,219                | 1,161                 | 1,077                | 961                  | 1,017                | 770                  | 829                  |      |
| Total persons                   | 1,188               | 1,187               | 1,236               | 1,287               | 1,214               | 999                 | 982                 |      | 12,428               | 12,515                | 12,560               | 12,748               | 11,876               | 9,790                | 9,630                |      |
| Age 25-34 w/psy. polypharm.     | 19.0%               | 18.9%               | 19.2%               | 14.5%               | 19.1%               | 15.6%               | 17.9%               |      | 16.7%                | 16.1%                 | 14.9%                | 12.5%                | 14.1%                | 13.2%                | 14.0%                |      |
| Persons w/psy. polypharm.       | 312                 | 320                 | 351                 | 286                 | 369                 | 216                 | 251                 |      | 2,834                | 2,813                 | 2,729                | 2,425                | 2,599                | 1,802                | 1,906                |      |
| Total persons                   | 1,640               | 1,689               | 1,828               | 1,969               | 1,930               | 1,389               | 1,405               |      | 16,942               | 17,492                | 18,352               | 19,368               | 18,422               | 13,637               | 13,622               |      |
| Age 35-64 w/psy. polypharm.     | 18.8%               | 19.0%               | 18.0%               | 14.6%               | 17.3%               | 19.1%               | 19.7%               |      | 16.6%                | 16.5%                 | 15.6%                | 12.6%                | 14.7%                | 15.6%                | 15.6%                |      |
| Persons w/psy. polypharm.       | 1,312               | 1,362               | 1,398               | 1,225               | 1,405               | 1,104               | 1,137               |      | 13,096               | 13,369                | 13,348               | 11,275               | 12,312               | 9,460                | 9,259                |      |
| Total persons                   | 6,991               | 7,161               | 7,788               | 8,378               | 8,099               | 5,769               | 5,769               |      | 78,732               | 81,208                | 85,414               | 89,764               | 83,896               | 60,692               | 59,172               |      |
| Age Total† w/psy. polypharm.    | 16.6%               | 16.6%               | 16.1%               | 13.1%               | 15.8%               | 15.9%               | 16.6%               |      | 14.4%                | 14.2%                 | 13.5%                | 11.0%                | 12.6%                | 12.5%                | 12.7%                |      |
| Persons w/psy. polypharm.       | 1,926               | 1,976               | 2,054               | 1,787               | 2,084               | 1,608               | 1,690               |      | 18,015               | 18,240                | 18,066               | 15,394               | 16,726               | 12,864               | 12,857               |      |
| Total persons                   | 11,613              | 11,888              | 12,774              | 13,601              | 13,216              | 10,123              | 10,166              |      | 124,883              | 128,515               | 134,310              | 140,423              | 132,693              | 102,517              | 101,262              |      |
| Population by Race-Ethnicity    |                     |                     | ,                   |                     |                     |                     | ,                   |      | ,                    | ,                     |                      | ,                    | ,                    |                      |                      |      |
| Amer Indian w/psy. polypharm.   | 17.6%               | 16.5%               | 17.3%               | 14.1%               | 15.8%               | 16.3%               | 16.7%               |      | 16.5%                | 16.0%                 | 14.9%                | 12.6%                | 14.1%                | 13.9%                | 14.3%                |      |
| Persons w/psy. polypharm.       | 232                 | 222                 | 250                 | 209                 | 233                 | 191                 | 193                 |      | 2,082                | 2,076                 | 1,998                | 1,764                | 1,872                | 1,446                | 1,449                |      |
| Total persons                   | 1,318               | 1,345               | 1,446               | 1,485               | 1,477               | 1,169               | 1,153               |      | 12,656               | 12,987                | 13,443               | 13,990               | 13,263               | 10,410               | 10,105               |      |
| Asian w/psy. polypharm.         | 15.8%               | 15.8%               | 14.7%               | 14.2%               | 14.9%               | 14.4%               | 16.1%               |      | 10.5%                | 10.6%                 | 10.8%                | 9.2%                 | 9.9%                 | 10.4%                | 11.2%                |      |
| Persons w/psy. polypharm.       | 35                  | 35                  | 37                  | 39                  | 42                  | 31                  | 34                  |      | 646                  | 670                   | 695                  | 622                  | 636                  | 525                  | 558                  |      |
| Total persons                   | 221                 | 222                 | 252                 | 274                 | 281                 | 216                 | 211                 |      | 6,163                | 6,321                 | 6,430                | 6,757                | 6,406                | 5,052                | 4,987                |      |
| Black w/psy. polypharm.         | 14.3%               | 15.1%               | 13.4%               | 12.0%               | 14.2%               | 13.0%               | 12.1%               |      | 11.4%                | 11.4%                 | 10.8%                | 8.9%                 | 9.8%                 | 9.6%                 | 9.3%                 |      |
| Persons w/psy. polypharm.       | 108                 | 123                 | 119                 | 117                 | 142                 | 107                 | 101                 |      | 1,798                | 1,887                 | 1,903                | 1,663                | 1,761                | 1,368                | 1,334                |      |
| Total persons                   | 756                 | 817                 | 891                 | 975                 | 1,000               | 820                 | 833                 |      | 15,723               | 16,528                | 17,644               | 18,598               | 18,024               | 14,300               | 14,301               |      |
| Hawaiian/PI w/psy. polypharm.   | 750                 | 9.4%                | 8.5%                | <b>6.9%</b>         | 11.4%               | 11.3%               | <b>12.4%</b>        |      | 11.0%                | 10,528<br>10.4%       | <b>10.0%</b>         | <b>8.9%</b>          | 9.3%                 | <b>10.4%</b>         | 10.2%                |      |
| Persons w/psy. polypharm.       |                     | <b>3.4</b> /6<br>13 | 13                  | 12                  | <b>11.476</b><br>20 | 11.3%<br>17         | <b>12.4%</b><br>20  |      | 295                  | <b>10.4</b> /8<br>302 | 305                  | 291                  | 303                  | 272                  | 267                  |      |
|                                 | 127                 |                     |                     |                     |                     |                     |                     |      |                      |                       |                      |                      |                      |                      |                      |      |
| Total persons                   | 127<br><b>13.6%</b> | 139<br><b>12.6%</b> | 153<br><b>10.8%</b> | 173<br><b>10.5%</b> | 176<br><b>14.0%</b> | 150<br><b>11.9%</b> | 161<br><b>15.4%</b> |      | 2,678<br><b>8.2%</b> | 2,909<br><b>8.3%</b>  | 3,037<br><b>7.9%</b> | 3,282<br><b>6.6%</b> | 3,243<br><b>7.8%</b> | 2,606<br><b>7.1%</b> | 2,606<br><b>7.5%</b> |      |
| Hispanic w/psy. polypharm.      |                     |                     |                     |                     |                     |                     |                     |      |                      |                       |                      |                      |                      |                      |                      |      |
| Persons w/psy. polypharm.       | 70                  | 71                  | 67                  | 68                  | 84                  | 61                  | 85                  |      | 986                  | 1,067                 | 1,100                | 976                  | 1,121                | 866                  | 913                  |      |
| Total persons                   | 513                 | 564                 | 620                 | 647                 | 601                 | 514                 | 552                 |      | 11,952               | 12,861                | 13,932               | 14,847               | 14,405               | 12,112               | 12,221               |      |
| White Only w/psy. polypharm.    | 16.9%               | 17.2%               | 16.7%               | 13.5%               | 16.2%               | 16.7%               | 17.6%               |      | 16.2%                | 16.0%                 | 15.1%                | 12.3%                | 14.3%                | 14.5%                | 14.7%                |      |
| Persons w/psy. polypharm.       | 1,505               | 1,548               | 1,600               | 1,383               | 1,605               | 1,239               | 1,304               |      | 12,727               | 12,774                | 12,568               | 10,595               | 11,589               | 8,853                | 8,786                |      |
| Total persons                   | 8,880               | 8,988               | 9,598               | 10,245              | 9,880               | 7,414               | 7,426               |      | 78,533               | 80,029                | 82,980               | 86,371               | 80,978               | 60,981               | 59,899               |      |
| Any Minority w/psych polypharm. | 16.0%               | 15.3%               | 14.8%               | 12.5%               | 14.9%               | 14.3%               | 14.8%               |      | 12%                  | 12%                   | 11%                  | 9%                   | 10%                  | 10%                  | 10%                  |      |
| Persons w/psy. polypharm.       | 417                 | 421                 | 446                 | 398                 | 469                 | 364                 | 380                 |      | 5,233                | 5,413                 | 5,439                | 4,758                | 5,080                | 3,967                | 4,017                |      |
| Total persons                   | 2,614               | 2,760               | 3,007               | 3,174               | 3,151               | 2,545               | 2,574               |      | 44,553               | 46,500                | 49,152               | 51,746               | 49,612               | 39,746               | 39,447               |      |
| Population by Gender            |                     |                     |                     |                     |                     |                     |                     |      |                      |                       |                      |                      |                      |                      |                      |      |
| Females w/psy. polypharm.       | 19.2%               | 19.1%               | 18.9%               | 15.8%               | 18.4%               | 18.3%               | 19.2%               |      | 16.9%                | 16.8%                 | 15.9%                | 13.1%                | 15.0%                | 15.1%                | 15.2%                |      |
| Persons w/psy. polypharm.       | 1,085               | 1,109               | 1,160               | 1,025               | 1,139               | 880                 | 914                 |      | 10,386               | 10,599                | 10,431               | 8,849                | 9,495                | 7,465                | 7,353                |      |
| Total persons                   | 5,640               | 5,805               | 6,153               | 6,492               | 6,197               | 4,817               | 4,767               |      | 61,618               | 63,257                | 65,436               | 67,598               | 63,423               | 49,480               | 48,350               |      |
| Males w/psy. polypharm.         | 14.1%               | 14.3%               | 13.5%               | 10.7%               | 13.5%               | 13.7%               | 14.4%               |      | 12.1%                | 11.7%                 | 11.1%                | 9.0%                 | 10.4%                | 10.2%                | 10.4%                |      |
| Persons w/psy. polypharm.       | 841                 | 867                 | 894                 | 762                 | 945                 | 728                 | 776                 |      | 7,629                | 7,641                 | 7,635                | 6,545                | 7,231                | 5,399                | 5,504                |      |
| Total persons                   | 5,973               | 6,083               | 6,621               | 7,109               | 7,019               | 5,306               | 5,399               |      | 63,265               | 65,258                | 68,874               | 72,825               | 69,270               | 53,037               | 52,912               |      |

# SUPPORTING TABLES | Psychotropic Polypharmacy



# **Psychotropic Polypharmacy Use Rates**

Among Medicaid-Disabled Youth and Adults, by County

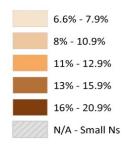
#### **MARCH 2017**

# SFY 2016

#### INDICATOR

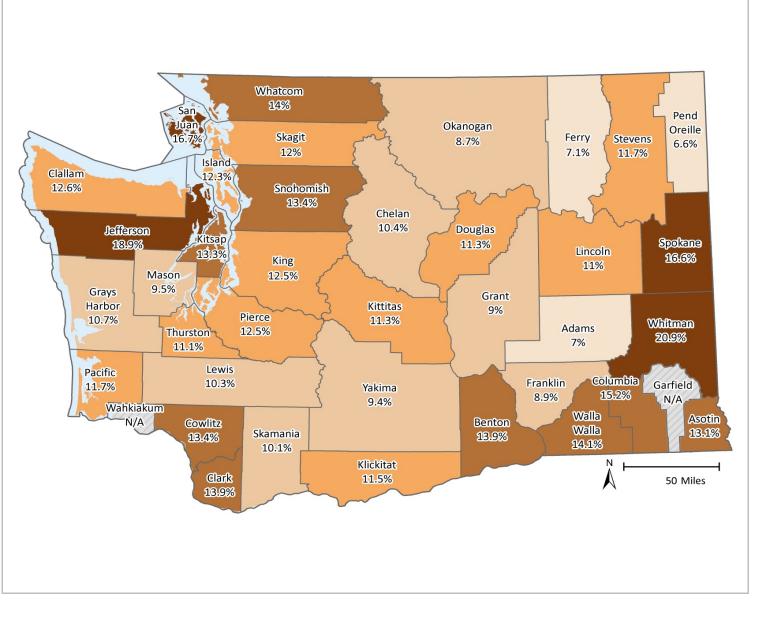
Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

### 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.







for details.

COUNTY:

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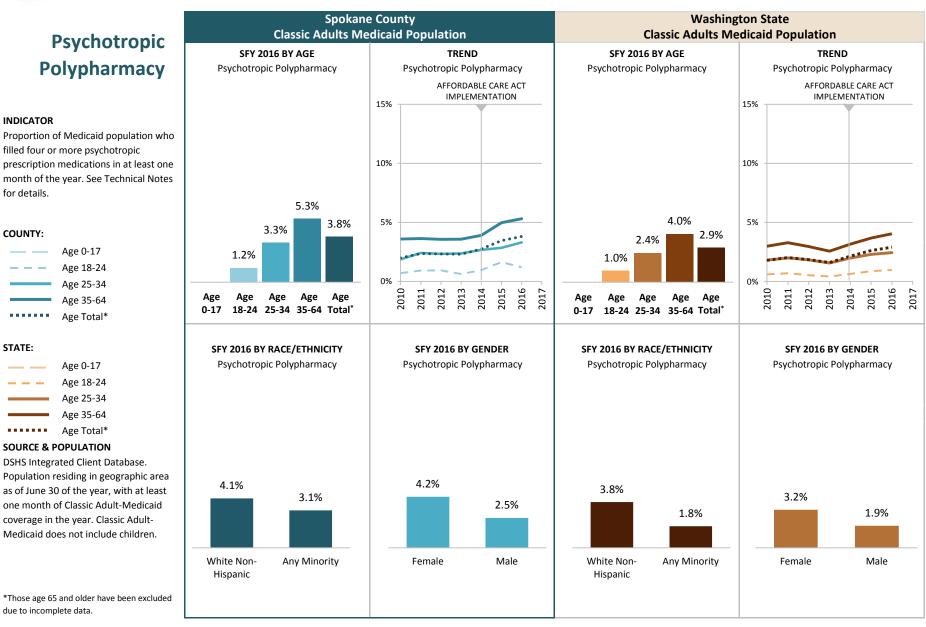
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STATE:

# **Spokane County**

# **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|                                 |             |                     |                | Spokane   |                     |          | chotro               |      | 7       | ,       | V           | Vashingt    | on State              |                        |                      |      |
|---------------------------------|-------------|---------------------|----------------|-----------|---------------------|----------|----------------------|------|---------|---------|-------------|-------------|-----------------------|------------------------|----------------------|------|
|                                 |             | C                   | ۔<br>lassic Ad |           |                     | nulation |                      |      |         | ~       |             | -           | dicaid Po             | aulation               |                      |      |
| STATE FISCAL YEAR               |             | C                   | Idssic Au      | uits wiet |                     | pulation |                      |      |         | Ľ       | Idssic Au   | iuits wiet  | licalu Pop            | pulation               |                      |      |
| Population by Age               | 2010        | 2011                | 2012           | 2013      | 2014                | 2015     | 2016                 | 2017 | 2010    | 2011    | 2012        | 2013        | 2014                  | 2015                   | 2016                 | 2017 |
| Age 0-17 w/psy. polypharm.      |             |                     |                | _0_0      |                     |          |                      |      |         |         |             |             |                       |                        |                      |      |
| Persons w/psy. polypharm.       |             |                     |                |           |                     |          |                      |      |         |         |             |             |                       |                        |                      |      |
| Total persons                   |             |                     |                |           |                     |          |                      |      |         |         |             |             |                       |                        |                      |      |
| Age 18-24 w/psy. polypharm.     | 0.7%        | 0.9%                | 0.9%           | 0.6%      | 1.0%                | 1.6%     | 1.2%                 |      | 0.6%    | 0.7%    | 0.5%        | 0.4%        | 0.6%                  | 0.9%                   | 1.0%                 |      |
| Persons w/psy. polypharm.       | 37          | 47                  | 45             | 28        | 38                  | 52       | 32                   |      | 318     | 371     | 268         | 198         | 268                   | 302                    | 290                  |      |
| Total persons                   | 5,285       | 5,075               | 4,832          | 4,491     | 3,943               | 3,162    | 2,678                |      | 53,642  | 53,226  | 50,282      | 46,798      | 42,062                | 34,728                 | 29,874               |      |
| Age 25-34 w/psy. polypharm.     | 1.9%        | 2.4%                | 2.3%           | 2.4%      | 2.7%                | 2.9%     | 3.3%                 |      | 1.8%    | 2.0%    | 1.8%        | 1.6%        | 2.0%                  | 2.3%                   | 2.4%                 |      |
| Persons w/psy. polypharm.       | 155         | 213                 | 204            | 205       | 241                 | 257      | 282                  |      | 1,431   | 1,691   | 1,558       | 1,328       | 1,777                 | 2,096                  | 2,130                |      |
| Total persons                   | 8,291       | 8,815               | 8,730          | 8,668     | 9,034               | 9,012    | 8,529                |      | 79,426  | 84,872  | 85,154      | 84,954      | 89,881                | 91,384                 | 87,322               |      |
| Age 35-64 w/psy. polypharm.     | 3.6%        | 3.6%                | 3.6%           | 3.6%      | 3.9%                | 5.0%     | 5.3%                 |      | 3.0%    | 3.3%    | 3.0%        | 2.6%        | 3.2%                  | 3.7%                   | 4.0%                 |      |
| Persons w/psy. polypharm.       | 178         | 196                 | 194            | 195       | 262                 | 368      | 400                  |      | 1,610   | 1,917   | 1,774       | 1,551       | 2,436                 | 3,181                  | 3,451                |      |
| Total persons                   | 4,950       | 5,399               | 5,440          | 5,461     | 6,705               | 7,406    | 7,530                |      | 54,048  | 58,368  | 59,987      | 60,533      | 77,257                | 86,785                 | 85,486               |      |
| Age Total† w/psy. polypharm.    | <b>2.0%</b> | 2.4%                | 2.3%           | 2.3%      | <b>2.7%</b>         | 3.5%     | 3.8%                 |      | 1.8%    | 2.0%    | <b>1.8%</b> | <b>1.6%</b> | 2.1%                  | <b>2.6%</b>            | <b>2.9%</b>          |      |
| Persons w/psy. polypharm.       | 370         | <b>2.470</b><br>456 | 443            | 428       | <b>2.776</b><br>541 | 677      | <b>3.8</b> /6<br>714 |      | 3,359   | 3,979   | 3,600       | 3,077       | <b>2.1/6</b><br>4,481 | <b>2.0</b> /6<br>5,579 | <b>2.3%</b><br>5,871 |      |
| Total persons                   | 18,526      | 19,289              | 19,002         | 18,620    | 19,682              | 19,580   | 18,737               |      | 187,116 | 196,466 | 195,423     | 192,285     | 209,200               | 212,897                | 202,682              |      |
| Population by Race-Ethnicity    | 10,520      | 15,205              | 15,002         | 10,020    | 15,002              | 19,500   | 10,757               |      | 107,110 | 190,400 | 155,425     | 152,205     | 205,200               | 212,007                | 202,002              |      |
| Amer Indian w/psy. polypharm.   | 2.7%        | 2.7%                | 3.0%           | 3.2%      | 3.2%                | 3.5%     | 4.7%                 |      | 2.9%    | 3.1%    | 2.5%        | 2.3%        | 2.9%                  | 3.4%                   | 3.9%                 |      |
| Persons w/psy. polypharm.       | 45          | 48                  | 54             | 56        | 53                  | 54       | 66                   |      | 451     | 495     | 391         | 353         | 446                   | 497                    | 538                  |      |
| Total persons                   | 1,685       | 1,768               | 1,804          | 1,734     | 1,650               | 1,527    | 1,414                |      | 15,724  | 16,055  | 15,880      | 15,536      | 15,526                | 14,748                 | 13,780               |      |
| Asian w/psy. polypharm.         |             |                     |                |           | 1.7%                |          | 2.2%                 |      | 0.9%    | 1.0%    | 0.9%        | 0.8%        | 1.0%                  | 1.1%                   | 1.2%                 |      |
| Persons w/psy. polypharm.       |             |                     |                |           | 11                  |          | 13                   |      | 77      | 96      | 93          | 83          | 128                   | 153                    | 162                  |      |
| Total persons                   | 475         | 524                 | 534            | 558       | 629                 | 628      | 598                  |      | 8,946   | 9,857   | 10,383      | 10,472      | 12,826                | 13,850                 | 13,283               |      |
| Black w/psy. polypharm.         |             | 1.9%                | 2.4%           | 1.4%      | 2.0%                | 2.5%     | 2.8%                 |      | 1.1%    | 1.4%    | 1.2%        | 1.0%        | 1.4%                  | 1.7%                   | 1.9%                 |      |
| Persons w/psy. polypharm.       |             | 20                  | 26             | 15        | 23                  | 27       | 30                   |      | 223     | 314     | 275         | 229         | 334                   | 391                    | 399                  |      |
| Total persons                   | 996         | 1,042               | 1,071          | 1,071     | 1,125               | 1,065    | 1,059                |      | 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                   | 275         | 317                 | 348            | 374       | 543                 | 598      | 563                  |      | 6,597   | 7,206   | 7,668       | 8,012       | 9,280                 | 10,049                 | 9,680                |      |
| Hispanic w/psy. polypharm.      | 1.4%        | 2.3%                | 1.9%           | 2.2%      | 2.0%                | 2.3%     | 3.5%                 |      | 1.0%    | 1.1%    | 1.1%        | 0.9%        | 1.1%                  | 1.4%                   | 1.6%                 |      |
| Persons w/psy. polypharm.       | 17          | 29                  | 25             | 30        | 30                  | 34       | 50                   |      | 272     | 326     | 341         | 283         | 417                   | 549                    | 579                  |      |
| Total persons                   | 1,191       | 1,287               | 1,338          | 1,346     | 1,475               | 1,492    | 1,438                |      | 27,981  | 30,192  | 31,042      | 31,071      | 36,696                | 38,578                 | 36,904               |      |
| White Only w/psy. polypharm.    | 2.1%        | 2.5%                | 2.4%           | 2.4%      | 3.0%                | 3.9%     | 4.1%                 |      | 2.2%    | 2.5%    | 2.3%        | 2.0%        | 2.8%                  | 3.5%                   | 3.8%                 |      |
| Persons w/psy. polypharm.       | 296         | 363                 | 337            | 332       | 429                 | 559      | 564                  |      | 2,420   | 2,836   | 2,570       | 2,194       | 3,241                 | 4,088                  | 4,282                |      |
| Total persons                   | 13,871      | 14,400              | 14,054         | 13,708    | 14,448              | 14,373   | 13,674               |      | 109,240 | 113,562 | 111,810     | 109,193     | 116,622               | 117,491                | 111,271              |      |
| Any Minority w/psych polypharm. | 1.8%        | 2.1%                | 2.2%           | 2.1%      | 2.3%                | 2.4%     | 3.1%                 |      | 1.3%    | 1.5%    | 1.3%        | 1.1%        | 1.4%                  | 1.6%                   | 1.8%                 |      |
| Persons w/psy. polypharm.       | 73          | 92                  | 101            | 96        | 109                 | 115      | 141                  |      | 925     | 1,125   | 1,010       | 875         | 1,219                 | 1,467                  | 1,544                |      |
| Total persons                   | 4,151       | 4,399               | 4,503          | 4,505     | 4,804               | 4,720    | 4,521                |      | 71,412  | 76,204  | 77,640      | 77,666      | 87,020                | 89,353                 | 84,953               |      |
| Population by Gender            |             | ,                   |                | ,         | ,                   | ,        | ,                    |      |         | ,       | ,           | ,           | ,                     | ,                      |                      |      |
| Females w/psy. polypharm.       | 2.2%        | 2.8%                | 2.8%           | 2.6%      | 3.1%                | 3.9%     | 4.2%                 |      | 2.0%    | 2.3%    | 2.1%        | 1.8%        | 2.4%                  | 2.9%                   | 3.2%                 |      |
| Persons w/psy. polypharm.       | 308         | 399                 | 385            | 363       | 455                 | 570      | 599                  |      | 2,927   | 3,470   | 3,164       | 2,714       | 3,882                 | 4,790                  | 5,061                |      |
| Total persons                   | 13,719      | 14,123              | 13,997         | 13,795    | 14,561              | 14,687   | 14,122               |      | 145,117 | 150,966 | 150,554     | 149,017     | 160,506               | 165,344                | 158,994              |      |
| Males w/psy. polypharm.         | 1.3%        | 1.1%                | 1.2%           | 1.3%      | 1.7%                | 2.2%     | 2.5%                 |      | 1.0%    | 1.1%    | 1.0%        | 0.8%        | 1.2%                  | 1.7%                   | 1.9%                 |      |
| Persons w/psy. polypharm.       | 62          | 57                  | 58             | 65        | 86                  | 107      | 115                  |      | 432     | 509     | 436         | 363         | 599                   | 789                    | 810                  |      |
| Total persons                   | 4,807       | 5,166               | 5,005          | 4,825     | 5,121               | 4,893    | 4,615                |      | 41,999  | 45,500  | 44,869      | 43,268      | 48,694                | 47,553                 | 43,688               |      |

# SUPPORTING TABLES | Psychotropic Polypharmacy



# **Psychotropic Polypharmacy Use Rates**

Among Medicaid-Classic Adults, by County

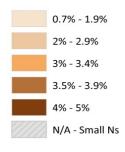
#### **MARCH 2017**

SFY 2016

#### INDICATOR

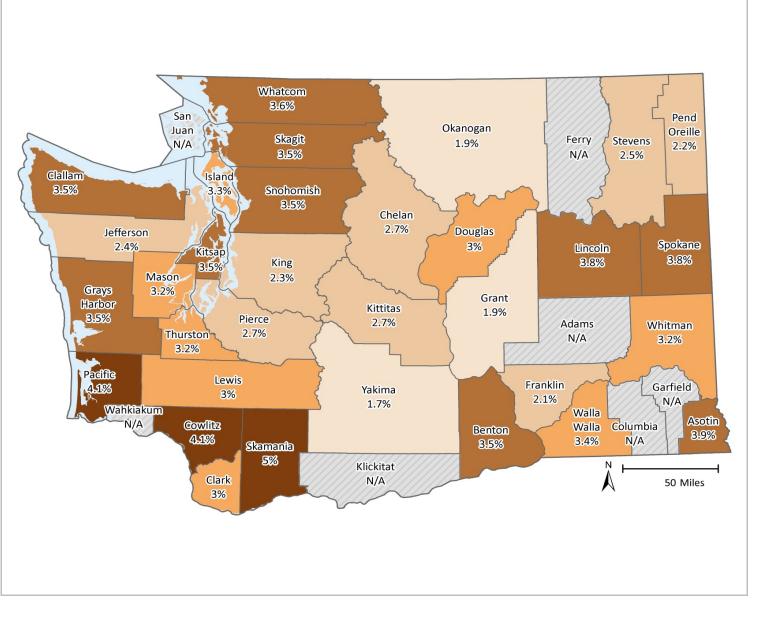
Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

### 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.







INDICATOR

for details.

COUNTY:

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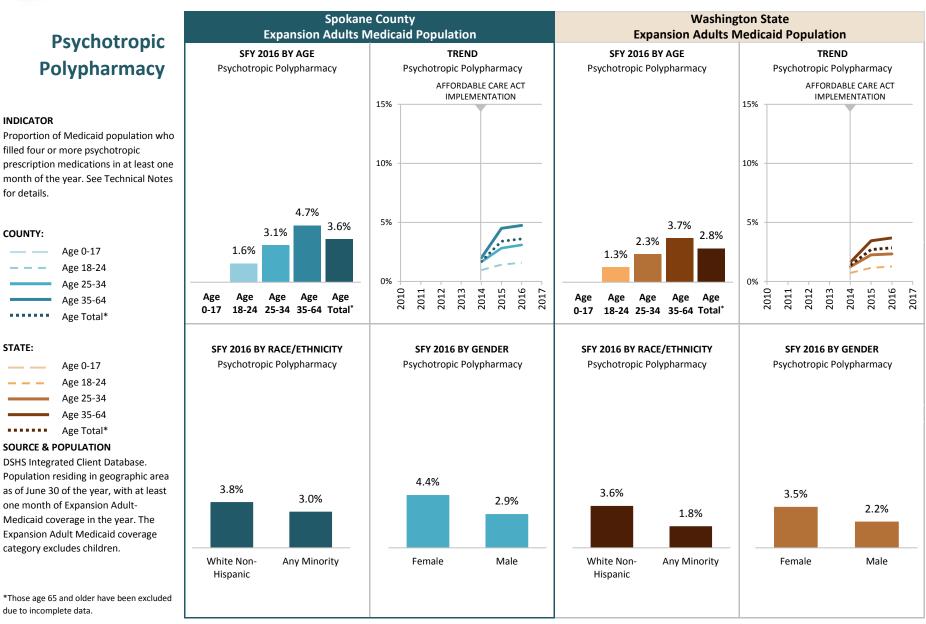
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STATE:

# **Spokane County**

# **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 



|                                 | Spokane County<br>Expansion Adults Medicaid Population |      |          |      |           |          |        | Washington State<br>Expansion Adults Medicaid Population |      |      |          |      |         |          |         |      |
|---------------------------------|--|------|----------|------|-----------|----------|--------|--|------|------|----------|------|---------|----------|---------|------|
| STATE FISCAL YEAR               |  | Ехр  | ansion A |      | edicald P | opulatio | m      |  |      | Ехр  | ansion A |      |         | ορυιατιο | n       |      |
| Population by Age               | 2010   | 2011 | 2012     | 2013 | 2014      | 2015     | 2016   | 2017   | 2010 | 2011 | 2012     | 2013 | 2014    | 2015     | 2016    | 2017 |
| Age 0-17 w/psy. polypharm.      |  |      |          |      |           |          |        |  |      |      |          |      |         |          |         |      |
| Persons w/psy. polypharm.       |  |      |          |      |           |          |        |  |      |      |          |      |         |          |         |      |
| Total persons                   |  |      |          |      |           |          |        |  |      |      |          |      |         |          |         |      |
| Age 18-24 w/psy. polypharm.     |  |      |          |      | 1.0%      | 1.4%     | 1.6%   |  |      |      |          |      | 0.7%    | 1.2%     | 1.3%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 53        | 134      | 178    |  |      |      |          |      | 429     | 1,190    | 1,511   |      |
| Total persons                   |  |      |          |      | 5,538     | 9,433    | 11,249 |  |      |      |          |      | 59,852  | 103,457  | 119,804 |      |
| Age 25-34 w/psy. polypharm.     |  |      |          |      | 1.7%      | 2.8%     | 3.1%   |  |      |      |          |      | 1.3%    | 2.2%     | 2.3%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 150       | 450      | 581    |  |      |      |          |      | 1,283   | 3,989    | 4,780   |      |
| Total persons                   |  |      |          |      | 9,037     | 15,949   | 18,783 |  |      |      |          |      | 102,393 | 177,330  | 204,738 |      |
| Age 35-64 w/psy. polypharm.     |  |      |          |      | 2.0%      | 4.5%     | 4.7%   |  |      |      |          |      | 1.6%    | 3.4%     | 3.7%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 308       | 1,154    | 1,349  |  |      |      |          |      | 3,210   | 10,908   | 12,721  |      |
| Total persons                   |  |      |          |      | 15,482    | 25,628   | 28,450 |  |      |      |          |      | 198,262 | 317,159  | 345,171 |      |
| Age Total† w/psy. polypharm.    |  |      |          |      | 1.7%      | 3.4%     | 3.6%   |  |      |      |          |      | 1.4%    | 2.7%     | 2.8%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 511       | 1,738    | 2,108  |  |      |      |          |      | 4,922   | 16,087   | 19,012  |      |
| Total persons                   |  |      |          |      | 30,057    | 51,010   | 58,482 |  |      |      |          |      | 360,507 | 597,946  | 669,713 |      |
| Population by Race-Ethnicity    |  |      |          |      |           |          |        |  |      |      |          |      |         |          |         |      |
| Amer Indian w/psy. polypharm.   |  |      |          |      | 2.6%      | 4.7%     | 5.2%   |  |      |      |          |      | 2.5%    | 4.1%     | 4.1%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 42        | 137      | 183    |  |      |      |          |      | 424     | 1,255    | 1,456   |      |
| Total persons                   |  |      |          |      | 1,593     | 2,910    | 3,513  |  |      |      |          |      | 16,783  | 30,399   | 35,266  |      |
| Asian w/psy. polypharm.         |  |      |          |      |           | 1.5%     | 1.8%   |  |      |      |          |      | 0.5%    | 1.1%     | 1.1%    |      |
| Persons w/psy. polypharm.       |  |      |          |      |           | 25       | 32     |  |      |      |          |      | 169     | 523      | 589     |      |
| Total persons                   |  |      |          |      | 1,060     | 1,616    | 1,802  |  |      |      |          |      | 32,924  | 48,483   | 51,833  |      |
| Black w/psy. polypharm.         |  |      |          |      | 1.5%      | 2.9%     | 2.8%   |  |      |      |          |      | 0.9%    | 1.9%     | 2.0%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 20        | 72       | 81     |  |      |      |          |      | 243     | 950      | 1,095   |      |
| Total persons                   |  |      |          |      | 1,298     | 2,464    | 2,940  |  |      |      |          |      | 28,284  | 49,017   | 56,142  |      |
| Hawaiian/PI w/psy. polypharm.   |  |      |          |      |           | 1.7%     | 1.6%   |  |      |      |          |      | 0.7%    | 1.4%     | 1.3%    |      |
| Persons w/psy. polypharm.       |  |      |          |      |           | 17       | 17     |  |      |      |          |      | 77      | 279      | 313     |      |
| Total persons                   |  |      |          |      | 565       | 977      | 1,036  |  |      |      |          |      | 11,451  | 20,416   | 23,467  |      |
| Hispanic w/psy. polypharm.      |  |      |          |      | 0.9%      | 2.0%     | 2.5%   |  |      |      |          |      | 0.6%    | 1.4%     | 1.5%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 18        | 67       | 101    |  |      |      |          |      | 308     | 1,154    | 1,483   |      |
| Total persons                   |  |      |          |      | 1,917     | 3,353    | 4,051  |  |      |      |          |      | 52,399  | 84,681   | 96,834  |      |
| White Only w/psy. polypharm.    |  |      |          |      | 1.8%      | 3.7%     | 3.8%   |  |      |      |          |      | 1.7%    | 3.4%     | 3.6%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 423       | 1,438    | 1,718  |  |      |      |          |      | 3,793   | 12,139   | 14,330  |      |
| Total persons                   |  |      |          |      | 23,439    | 39,314   | 44,652 |  |      |      |          |      | 216,846 | 361,260  | 402,225 |      |
| Any Minority w/psych polypharm. |  |      |          |      | 1.4%      | 2.8%     | 3.0%   |  |      |      |          |      | 1%      | 2%       | 2%      |      |
| Persons w/psy. polypharm.       |  |      |          |      | 83        | 285      | 365    |  |      |      |          |      | 1,078   | 3,740    | 4,403   |      |
| Total persons                   |  |      |          |      | 5,841     | 10,214   | 12,003 |  |      |      |          |      | 130,167 | 212,403  | 239,488 |      |
| Population by Gender            |  |      |          |      |           |          |        |  |      |      |          |      |         |          |         |      |
| Females w/psy. polypharm.       |  |      |          |      | 2.1%      | 4.1%     | 4.4%   |  |      |      |          |      | 1.6%    | 3.3%     | 3.5%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 299       | 994      | 1,229  |  |      |      |          |      | 2,904   | 9,535    | 11,403  |      |
| Total persons                   |  |      |          |      | 14,554    | 24,194   | 27,642 |  |      |      |          |      | 179,152 | 292,424  | 328,130 |      |
| Males w/psy. polypharm.         |  |      |          |      | 1.4%      | 2.8%     | 2.9%   |  |      |      |          |      | 1.1%    | 2.1%     | 2.2%    |      |
| Persons w/psy. polypharm.       |  |      |          |      | 212       | 744      | 879    |  |      |      |          |      | 2,018   | 6,552    | 7,609   |      |
| Total persons                   |  |      |          |      | 15,503    | 26,816   | 30,840 |  |      |      |          |      | 181,355 | 305,522  | 341,583 |      |

# SUPPORTING TABLES | Psychotropic Polypharmacy



# **Psychotropic Polypharmacy Use Rates**

Among Medicaid-Expansion Adults, by County

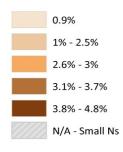
#### **MARCH 2017**

SFY 2016

#### INDICATOR

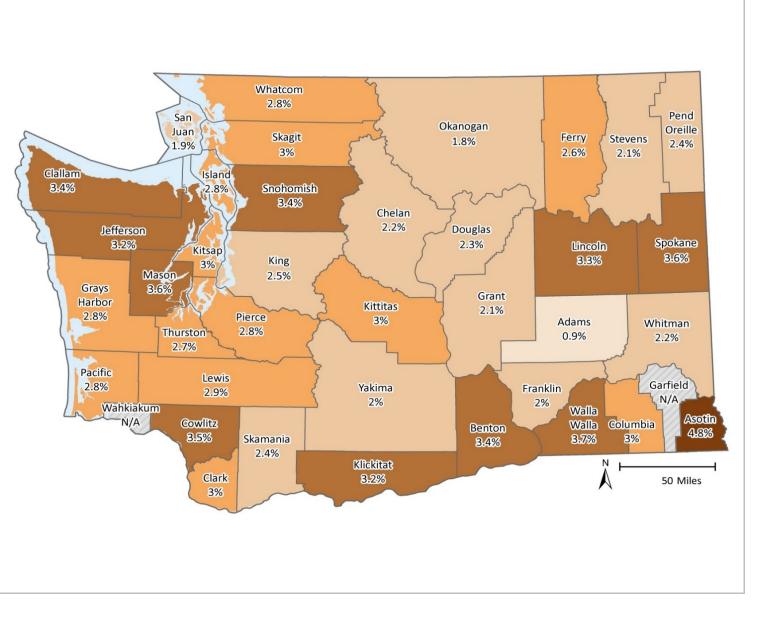
Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

### 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.

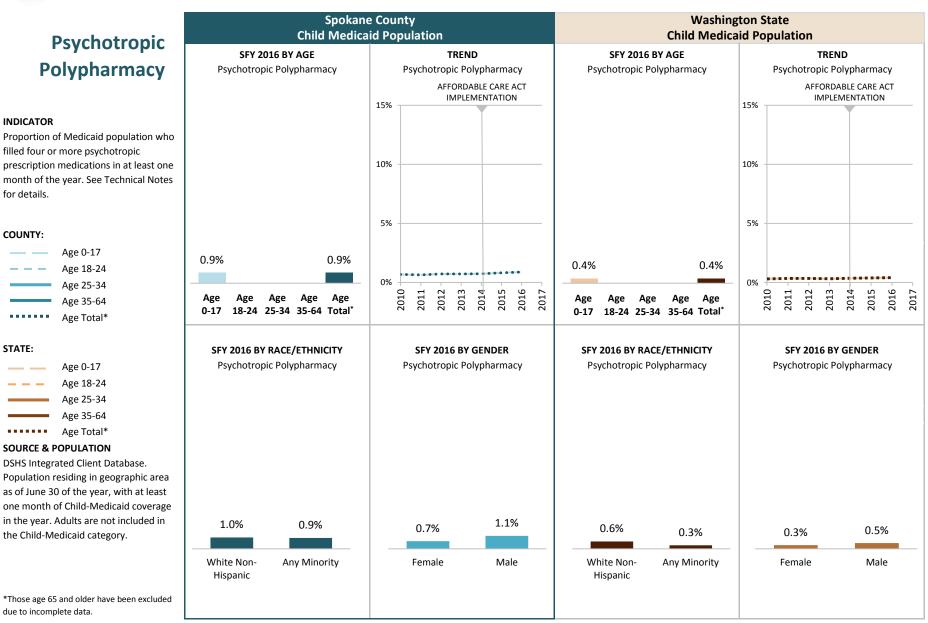






## Behavioral Health Treatment Needs and Outcomes

MARCH 2017



|  |        |        |        |         | g tabli  | ES   Psy | /chotro | ρις Ρο | lypharn | nacy    |         |          |           |         |         |      |
|--|--------|--------|--------|---------|----------|----------|---------|--------|---------|---------|---------|----------|-----------|---------|---------|------|
|  |        |        |        | Spokane |          |          |         |        |         |         | ١       | Vashingt | on State  |         |         |      |
|  |        |        | Child  | Medicai | d Popula | tion     |         |        |         |         | Child   | Medicai  | d Populat | tion    |         |      |
| STATE FISCAL YEAR                        |        |        |        |         |          |          |         |        |         |         |         |          |           |         |         |      |
| Population by Age                        | 2010   | 2011   | 2012   | 2013    | 2014     | 2015     | 2016    | 2017   | 2010    | 2011    | 2012    | 2013     | 2014      | 2015    | 2016    | 2017 |
| Age 0-17 w/psy. polypharm.               | 0.7%   | 0.6%   | 0.7%   | 0.7%    | 0.7%     | 0.8%     | 0.9%    |        | 0.3%    | 0.3%    | 0.3%    | 0.3%     | 0.4%      | 0.4%    | 0.4%    |      |
| Persons w/psy. polypharm.                | 329    | 330    | 377    | 381     | 407      | 467      | 530     |        | 1,857   | 2,248   | 2,233   | 2,102    | 2,492     | 2,775   | 3,094   |      |
| Total persons                            | 48,797 | 51,427 | 52,264 | 53,094  | 55,484   | 57,268   | 60,490  |        | 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 <sup>+</sup> w/psy. polypharm. | 0.7%   | 0.6%   | 0.7%   | 0.7%    | 0.7%     | 0.8%     | 0.9%    |        | 0.3%    | 0.3%    | 0.3%    | 0.3%     | 0.4%      | 0.4%    | 0.4%    |      |
| Persons w/psy. polypharm.                | 329    | 330    | 377    | 381     | 407      | 467      | 530     |        | 1,857   | 2,248   | 2,233   | 2,102    | 2,492     | 2,775   | 3,094   |      |
| Total persons                            | 48,797 | 51,427 | 52,264 | 53,094  | 55,484   | 57,268   | 60,490  |        | 622,410 | 654,270 | 667,876 | 675,849  | 709,246   | 733,269 | 764,990 |      |
| Population by Race-Ethnicity             |        |        |        |         |          |          |         |        |         |         |         |          |           |         |         |      |
| Amer Indian w/psy. polypharm.            | 1.1%   | 1.2%   | 1.6%   | 1.3%    | 1.3%     | 1.2%     | 1.4%    |        | 0.8%    | 0.9%    | 0.9%    | 0.7%     | 0.8%      | 0.9%    | 0.9%    |      |
| Persons w/psy. polypharm.                | 43     | 51     | 65     | 55      | 55       | 49       | 57      |        | 331     | 356     | 353     | 305      | 319       | 357     | 373     |      |
| Total persons                            | 4,014  | 4,137  | 4,127  | 4,217   | 4,202    | 4,099    | 4,087   |        | 40,515  | 41,202  | 41,376  | 41,439   | 41,319    | 41,049  | 40,882  |      |
| Asian w/psy. polypharm.                  |        |        |        | 0.7%    |          | 0.7%     |         |        | 0.2%    | 0.2%    | 0.1%    | 0.1%     | 0.1%      | 0.2%    | 0.2%    |      |
| Persons w/psy. polypharm.                |        |        |        | 12      |          | 13       |         |        | 55      | 65      | 56      | 56       | 58        | 75      | 80      |      |
| Total persons                            | 1,500  | 1,595  | 1,645  | 1,732   | 1,821    | 1,811    | 1,784   |        | 35,864  | 38,273  | 39,702  | 40,717   | 44,296    | 45,512  | 46,040  |      |
| Black w/psy. polypharm.                  | 0.8%   | 1.0%   | 1.2%   | 1.2%    | 1.2%     | 1.4%     | 1.4%    |        | 0.4%    | 0.4%    | 0.4%    | 0.4%     | 0.4%      | 0.4%    | 0.5%    |      |
| Persons w/psy. polypharm.                | 30     | 39     | 49     | 50      | 52       | 60       | 63      |        | 248     | 291     | 280     | 273      | 303       | 325     | 351     |      |
| Total persons                            | 3,632  | 3,783  | 4,016  | 4,108   | 4,262    | 4,351    | 4,537   |        | 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                            | 1,063  | 1,403  | 1,560  | 1,667   | 1,799    | 1,971    | 2,092   |        | 23,961  | 26,357  | 27,977  | 29,142   | 30,854    | 32,649  | 34,547  |      |
| Hispanic w/psy. polypharm.               | 0.5%   | 0.4%   | 0.5%   | 0.5%    | 0.5%     | 0.9%     | 0.7%    |        | 0.1%    | 0.1%    | 0.1%    | 0.1%     | 0.2%      | 0.2%    | 0.2%    |      |
| Persons w/psy. polypharm.                | 21     | 18     | 26     | 27      | 27       | 50       | 42      |        | 213     | 273     | 290     | 289      | 388       | 431     | 484     |      |
| Total persons                            | 4,289  | 4,561  | 4,761  | 4,975   | 5,383    | 5,773    | 6,022   |        | 189,491 | 198,644 | 204,066 | 208,176  | 215,914   | 221,917 | 229,009 |      |
| White Only w/psy. polypharm.             | 0.7%   | 0.6%   | 0.7%   | 0.7%    | 0.8%     | 0.8%     | 1.0%    |        | 0.4%    | 0.5%    | 0.5%    | 0.5%     | 0.5%      | 0.6%    | 0.6%    |      |
| Persons w/psy. polypharm.                | 245    | 228    | 255    | 257     | 281      | 311      | 375     |        | 1,118   | 1,372   | 1,391   | 1,299    | 1,545     | 1,697   | 1,937   |      |
| Total persons                            | 34,215 | 35,587 | 35,713 | 35,874  | 37,268   | 37,908   | 39,188  |        | 262,296 | 273,199 | 276,905 | 277,210  | 292,559   | 299,987 | 307,557 |      |
| Any Minority w/psych polypharm.          | 0.7%   | 0.8%   | 0.9%   | 0.8%    | 0.8%     | 1.0%     | 0.9%    |        | 0%      | 0%      | 0%      | 0%       | 0%        | 0%      | 0%      |      |
| Persons w/psy. polypharm.                | 84     | 101    | 121    | 122     | 122      | 152      | 149     |        | 732     | 863     | 837     | 797      | 937       | 1,053   | 1,134   |      |
| Total persons                            | 12,499 | 13,360 | 13,913 | 14,418  | 15,118   | 15,650   | 16,161  |        | 317,712 | 332,784 | 341,709 | 348,713  | 363,042   | 372,845 | 383,534 |      |
| Population by Gender                     |        |        |        |         |          |          |         |        |         |         |         |          |           |         |         |      |
| Females w/psy. polypharm.                | 0.5%   | 0.4%   | 0.5%   | 0.5%    | 0.5%     | 0.6%     | 0.7%    |        | 0.2%    | 0.2%    | 0.2%    | 0.2%     | 0.3%      | 0.3%    | 0.3%    |      |
| Persons w/psy. polypharm.                | 114    | 100    | 116    | 117     | 132      | 164      | 193     |        | 600     | 716     | 752     | 739      | 916       | 1,085   | 1,197   |      |
| Total persons                            | 24,048 | 25,226 | 25,595 | 25,888  | 27,127   | 27,942   | 29,545  |        | 307,470 | 322,864 | 329,266 | 332,856  | 349,317   | 361,062 | 376,667 |      |
| Males w/psy. polypharm.                  | 0.9%   | 0.9%   | 1.0%   | 1.0%    | 1.0%     | 1.0%     | 1.1%    |        | 0.4%    | 0.5%    | 0.4%    | 0.4%     | 0.4%      | 0.5%    | 0.5%    |      |
| Persons w/psy. polypharm.                | 215    | 230    | 261    | 264     | 275      | 303      | 337     |        | 1,257   | 1,532   | 1,481   | 1,363    | 1,576     | 1,690   | 1,897   |      |
| Total persons                            | 24,749 | 26,201 | 26,669 | 27,206  | 28,357   | 29,326   | 30,945  |        | 314,940 | 331,406 | 338,610 | 342,993  | 359,929   | 372,207 | 388,323 |      |
| F  | .,     | -,     | .,     | ,       | -,       | -,       | ,       |        | ,       | ,       | ,0      | ,        | ,         | . ,==:  | ,       |      |



# **Psychotropic Polypharmacy Use Rates**

Among Medicaid-Children, by County

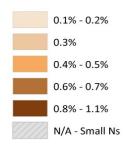
#### **MARCH 2017**

SFY 2016

#### INDICATOR

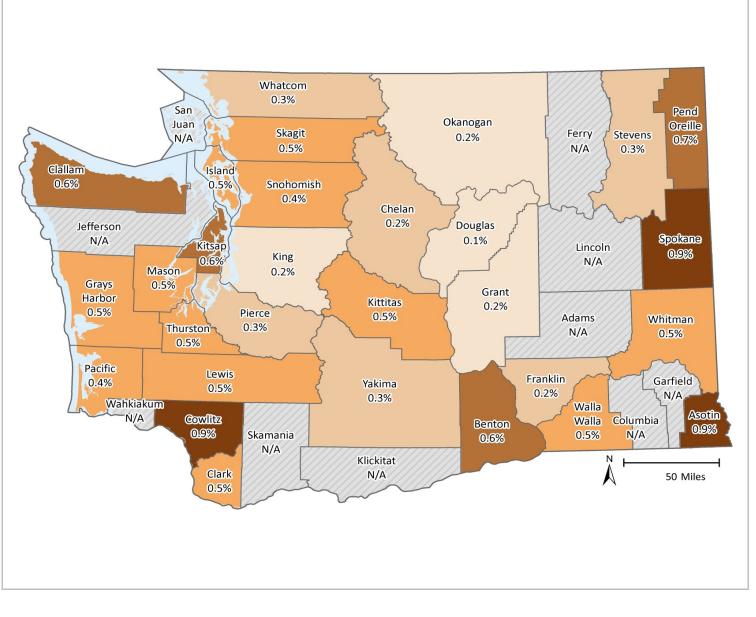
Proportion of Medicaid population who filled four or more psychotropic prescription medications in at least one month of the year. See Technical Notes for details.

### 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.





## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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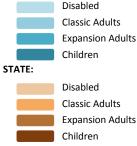
# Emergency Department Use

**Rate per 1000 Coverage Months** 

#### INDICATOR

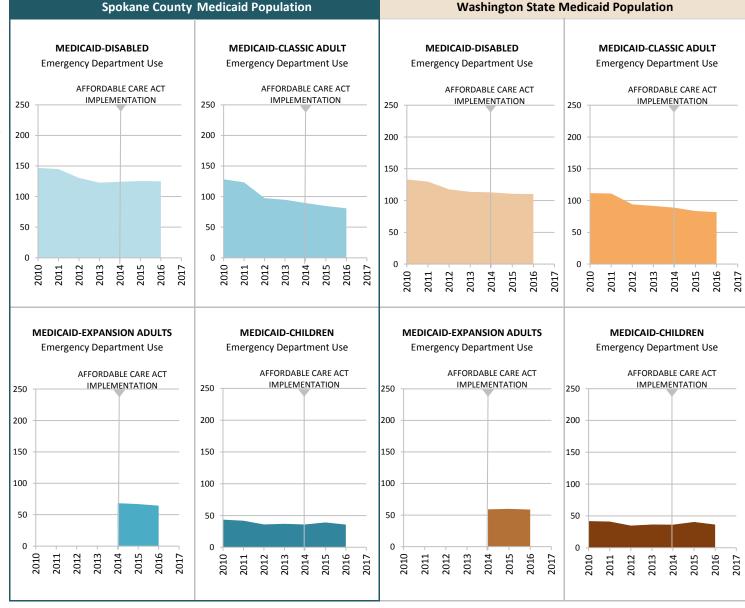
Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.





#### 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 subpopulations 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.



|                                  |        |        |        | -        | -        | -         | 0000   |      |         |         |          |         |           |          |         |      |
|----------------------------------|--------|--------|--------|----------|----------|-----------|--------|------|---------|---------|----------|---------|-----------|----------|---------|------|
|                                  |        | S      | pokane | County I | Medicaic | l Populat | ion    |      |         | Wa      | shingtor | State M | edicaid P | opulatio | on      |      |
| STATE FISCAL YEAR                |        |        |        |          |          |           |        |      |         |         |          |         |           |          |         |      |
| by Medicaid Sub-Population       | 2010   | 2011   | 2012   | 2013     | 2014     | 2015      | 2016   | 2017 | 2010    | 2011    | 2012     | 2013    | 2014      | 2015     | 2016    | 2017 |
| MedDisabled/ Rate per 1000       | 147    | 145    | 130    | 123      | 124      | 125       | 125    |      | 133     | 130     | 118      | 114     | 113       | 111      | 110     |      |
| SFY ED Use Count                 | 18,128 | 18,290 | 17,384 | 17,397   | 18,090   | 14,404    | 14,432 |      | 173,622 | 174,678 | 162,822  | 164,359 | 163,600   | 128,300  | 126,535 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds) | 12.341 | 12.623 | 13.326 | 14.176   | 14.554   | 11.492    | 11.552 |      | 130.355 | 134.570 | 138.461  | 144.543 | 144.928   | 115.986  | 114.768 |      |
| MedClassic Adults/ Rate per 1000 | 128    | 123    | 97     | 95       | 89       | 85        | 81     |      | 112     | 111     | 94       | 92      | 89        | 84       | 82      |      |
| SFY ED Use Count                 | 19,716 | 19,825 | 15,391 | 14,680   | 15,575   | 16,888    | 15,478 |      | 166,511 | 176,565 | 148,159  | 142,436 | 159,793   | 177,170  | 165,934 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds) | 15.373 | 16.089 | 15.806 | 15.487   | 17.421   | 19.958    | 19.144 |      | 149.10  | 158.95  | 157.58   | 155.57  | 180.00    | 212.12   | 202.81  |      |
| MedExpan. Adults/Rate per 1000   |        |        |        |          | 68       | 67        | 64     |      |         |         |          |         | 59        | 60       | 59      |      |
| SFY ED Use Count                 |        |        |        |          | 10,475   | 32,162    | 36,763 |      |         |         |          |         | 107,521   | 330,599  | 376,909 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds) |        |        |        |          | 15.340   | 48.073    | 57.146 |      |         |         |          |         | 182.153   | 552.945  | 642.446 |      |
| MedChildren/Rate per 1000        | 44     | 42     | 36     | 37       | 36       | 39        | 36     |      | 42      | 41      | 35       | 36      | 36        | 40       | 36      |      |
| SFY ED Use Count                 | 22,559 | 22,851 | 20,108 | 20,872   | 20,788   | 23,962    | 23,440 |      | 272,394 | 283,747 | 245,803  | 260,367 | 265,737   | 315,579  | 301,670 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds) | 51.828 | 54.626 | 55.870 | 56.435   | 57.853   | 61.209    | 65.498 |      | 651.343 | 690.061 | 706.855  | 714.079 | 733.280   | 779.926  | 828.512 |      |

## SUPPORTING TABLES | Emergency Department Use

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.



## Behavioral Health Treatment Needs and Outcomes

**Spokane County** 

**Disabled Medicaid Population** 

MARCH 2017

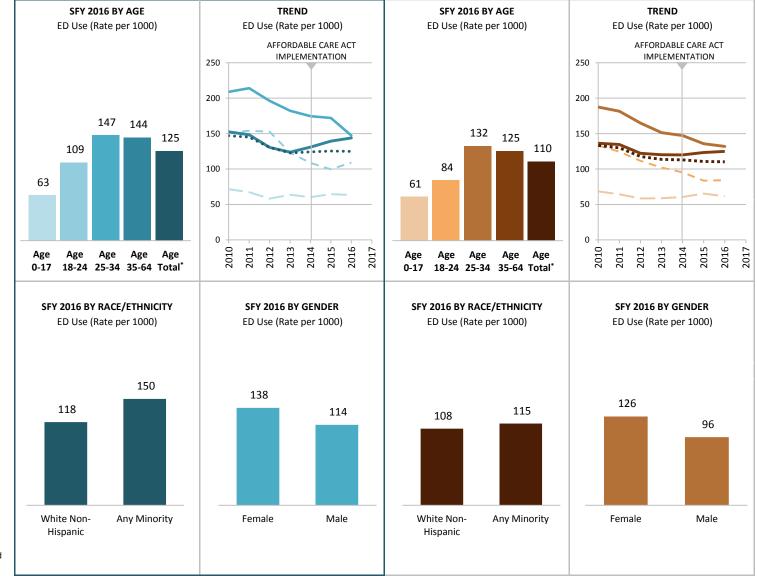
**Washington State** 

**Disabled Medicaid Population** 

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# Emergency Department Use

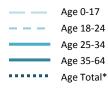
#### Rate per 1000 Coverage Months



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:

INDICATOR



STATE:

| A == 0 17      |
|----------------|
| <br>Age 0-17   |
| <br>Age 18-24  |
| Age 25-34      |
| Age 35-64      |
| <br>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.

|                                    | SUPPOR |        |            |         |            | epartm     | ient Us | e (Rate | e per 10 |         |         |          | -        |         |         |      |
|------------------------------------|--------|--------|------------|---------|------------|------------|---------|---------|----------|---------|---------|----------|----------|---------|---------|------|
|                                    |        |        |            | Spokane |            |            |         |         |          |         |         | Nashingt |          |         |         |      |
|                                    |        |        | Disable    | d Medic | aid Popu   | Ilation    |         |         |          |         | Disable | ed Medic | aid Popu | lation  |         |      |
| STATE FISCAL YEAR                  |        |        |            |         |            |            |         |         |          |         |         |          |          |         |         |      |
| 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     | 72     | 67     | 58         | 64      | 60         | 65         | 63      |         | 69       | 64      | 59      | 59       | 61       | 65      | 61      |      |
| SFY ED Use Count                   | 1,472  | 1,421  | 1,273      | 1,430   | 1,371      | 1,450      | 1,459   |         | 12,975   | 12,654  | 11,937  | 12,448   | 12,842   | 13,792  | 13,133  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 2.052  | 2.107  | 2.181      | 2.246   | 2.273      | 2.246      | 2.304   |         | 18.937   | 19.637  | 20.371  | 21.190   | 21.161   | 21.084  | 21.389  |      |
| Age 18-24 /ED Use Rate per 1000    | 151    | 154    | 153        | 123     | 109        | 100        | 109     |         | 133      | 125     | 112     | 102      | 95       | 83      | 84      |      |
| SFY ED Use Count                   | 1,904  | 1,979  | 2,013      | 1,671   | 1,467      | 1,144      | 1,208   |         | 17,422   | 16,659  | 14,744  | 13,722   | 12,427   | 9,194   | 9,104   |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 1.260  | 1.285  | 1.319      | 1.358   | 1.351      | 1.148      | 1.108   |         | 13.065   | 13.380  | 13.201  | 13.450   | 13.029   | 11.013  | 10.789  |      |
| Age 25-34 /ED Use Rate per 1000    | 209    | 214    | 196        | 182     | 174        | 172        | 147     |         | 187      | 182     | 165     | 151      | 147      | 136     | 132     |      |
| SFY ED Use Count                   | 3,662  | 3,911  | 3,789      | 3,781   | 3,734      | 2,730      | 2,371   |         | 33,324   | 33,492  | 31,193  | 30,200   | 29,728   | 21,095  | 20,527  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 1.753  | 1.828  | 1.931      | 2.075   | 2.141      | 1.586      | 1.611   |         | 17.775   | 18.453  | 18.925  | 19.958   | 20.184   | 15.541  | 15.567  |      |
| Age 35-64/ED Use Rate per 1000     | 152    | 148    | 131        | 124     | 131        | 139        | 144     |         | 136      | 135     | 122     | 120      | 120      | 123     | 125     |      |
| SFY ED Use Count                   | 11,090 | 10,979 | 10,309     | 10,515  | 11,518     | 9,080      | 9,394   |         | 109,901  | 111,873 | 104,948 | 107,989  | 108,603  | 84,219  | 83,771  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 7.275  | 7.403  | 7.896      | 8.498   | 8.789      | 6.512      | 6.529   |         | 80.579   | 83.100  | 85.964  | 89.946   | 90.555   | 68.348  | 67.022  |      |
| Age Total† /ED Use Rate per 1000   | 147    | 145    | 130        | 123     | 124        | 125        | 125     |         | 133      | 130     | 118     | 114      | 113      | 111     | 110     |      |
| SFY ED Use Count                   | 18,128 | 18,290 | 17,384     | 17,397  | 18,090     | 14,404     | 14,432  |         | 173,622  | 174,678 | 162,822 | 164,359  | 163,600  | 128,300 | 126,535 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 12.341 | 12.623 | 13.326     | 14.176  | 14.554     | 11.492     | 11.552  |         | 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   | 212    | 209    | 198        | 174     | 186        | 187        | 178     |         | 183      | 181     | 165     | 157      | 160      | 159     | 156     |      |
| SFY ED Use Count                   | 3,040  | 3,093  | 3,102      | 2,782   | 3,071      | 2,493      | 2,314   |         | 24,821   | 25,287  | 23,631  | 23,447   | 23,640   | 18,883  | 18,082  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 1.436  | 1.481  | 1.569      | 1.596   | 1.651      | 1.336      | 1.304   |         | 13.572   | 13.970  | 14.306  | 14.956   | 14.732   | 11.907  | 11.556  |      |
| Asian /ED Use Rate per 1000        | 94     | 91     | 88         | 91      | 89         | 81         | 88      |         | 68       | 67      | 63      | 68       | 68       | 67      | 64      |      |
| SFY ED Use Count                   | 226    | 222    | 236        | 259     | 274        | 200        | 211     |         | 4,452    | 4,514   | 4,192   | 4,730    | 4,820    | 3,857   | 3,640   |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 0.242  | 0.243  | 0.270      | 0.283   | 0.307      | 0.246      | 0.240   |         | 6.545    | 6.727   | 6.704   | 6.987    | 7.045    | 5.749   | 5.669   |      |
| Black /ED Use Rate per 1000        | 187    | 184    | 169        | 137     | 135        | 140        | 147     |         | 147      | 142     | 132     | 130      | 128      | 126     | 123     |      |
| SFY ED Use Count                   | 1,540  | 1,612  | 1,582      | 1,430   | 1,505      | 1,294      | 1,384   |         | 24,717   | 25,092  | 24,462  | 25,470   | 25,469   | 20,347  | 20,037  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 0.823  | 0.874  | 0.935      | 1.044   | 1.111      | 0.924      | 0.942   |         | 16.788   | 17.638  | 18.591  | 19.653   | 19.892   | 16.202  | 16.247  |      |
| Hawaiian/PI /ED Use Rate per 1000  | 119    | 146    | 146        | 111     | 112        | 135        | 128     |         | 111      | 104     | 95      | 98       | 105      | 97      | 96      |      |
| SFY ED Use Count                   | 167    | 215    | 236        | 205     | 222        | 234        | 239     |         | 3,063    | 3,127   | 2,933   | 3,294    | 3,715    | 2,847   | 2,843   |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 0.140  | 0.147  | 0.162      | 0.185   | 0.198      | 0.173      | 0.187   |         | 2.750    | 2.999   | 3.086   | 3.356    | 3.529    | 2.925   | 2.955   |      |
| Hispanic /ED Use Rate per 1000     | 138    | 145    | 124        | 118     | 131        | 130        | 126     |         | 126      | 120     | 106     | 101      | 103      | 102     | 101     |      |
| SFY ED Use Count                   | 746    | 867    | 808        | 783     | 874        | 764        | 792     |         | 15,803   | 16,322  | 15,347  | 15,708   | 16,342   | 13,989  | 13,998  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 0.541  | 0.600  | 0.653      | 0.662   | 0.667      | 0.587      | 0.626   |         | 12.563   | 13.557  | 14.478  | 15.532   | 15.863   | 13.724  | 13.858  |      |
| White Only /ED Use Rate per 1000   | 137    | 135    | <b>120</b> | 116     | <b>117</b> | <b>117</b> | 118     |         | 131      | 129     | 116     | 112      | 110      | 108     | 108     |      |
| SFY ED Use Count                   | 12,929 | 12,835 | 11,971     | 12,355  | 12,723     | 9,863      | 9,957   |         | 107,286  | 107,648 | 98,997  | 98,865   | 97,337   | 74,448  | 73,664  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 9.417  | 9.520  | 9.994      | 10.659  | 10.883     | 8.449      | 8.470   |         | 81.700   | 83.497  | 85.150  | 88.160   | 88.215   | 69.086  | 68.022  |      |
| Any Minority /ED Use Rate per 1000 |        | 179    | 166        | 146     | 151        | 155        | 150     |         | 139      | 134     | 122     | 118      | 119      | 117     | 115     |      |
| SFY ED Use Count                   | 5,110  | 5,338  | 5,304      | 4,918   | 5,271      | 4,481      | 4,386   |         | 65,496   | 66,206  | 62,848  | 64,390   | 65,209   | 52,950  | 51,778  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 2.826  | 2.983  | 3.199      | 3.357   | 3.499      | 2.889      | 2.917   |         | 47.224   | 49.415  | 51.498  | 54.391   | 54.694   | 45.106  | 44.831  |      |
| Population by Gender               |        |        |            |         |            |            |         |         |          |         |         |          |          |         |         |      |
| Females /ED Use Rate per 1000      | 162    | 161    | 144        | 135     | 135        | 142        | 138     |         | 149      | 146     | 131     | 126      | 125      | 126     | 126     |      |
| SFY ED Use Count                   | 9,759  | 9,971  | 9,337      | 9,192   | 9,269      | 7,789      | 7,487   |         | 96,882   | 97,499  | 88,974  | 88,362   | 87,304   | 70,840  | 68,935  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 6.038  | 6.191  | 6.473      | 6.798   | 6.868      | 5.471      | 5.439   |         | 64.918   | 66.673  | 67.889  | 70.030   | 69.575   | 56.077  | 54.925  |      |
| Males /ED Use Rate per 1000        | 133    | 129    | 117        | 111     | 115        | 110        | 114     |         | 117      | 114     | 105     | 102      | 101      | 96      | 96      |      |
| SFY ED Use Count                   | 8,369  | 8,319  | 8,047      | 8,205   | 8,821      | 6,615      | 6,945   |         | 76,740   | 77,179  | 73,848  | 75,997   | 76,296   | 57,460  | 57,600  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   | 6.303  | 6.433  | 6.853      | 7.378   | 7.686      | 6.021      | 6.113   |         | 65.437   | 67.897  | 70.571  | 74.513   | 75.354   | 59.910  | 59.843  |      |
|                                    | 0.303  | 0.433  | 0.803      | 1.3/8   | 1.000      | 0.021      | 0.115   |         | 05.457   | 07.897  | /0.5/1  | 74.313   | 15.354   | 22.210  | 33.843  |      |

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



# **Emergency Department Use (Rate per 1,000 Coverage Months)**

Among Medicaid-Disabled Youth and Adults, by County

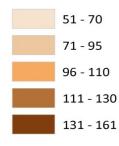
**MARCH 2017** 

# SFY 2016

#### INDICATOR

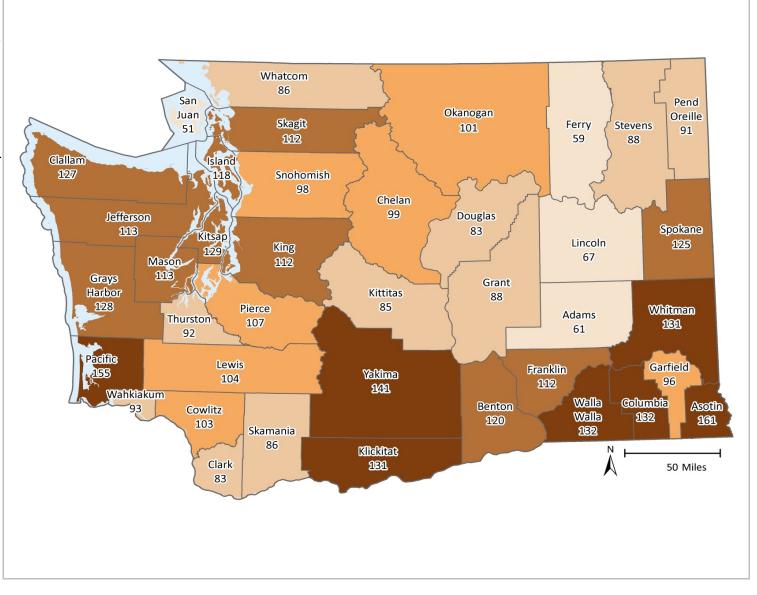
Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

### 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.





SFY 2016 BY AGE

ED Use (Rate per 1000)

## **Behavioral Health Treatment Needs and Outcomes**

Spokane County

**Classic Adult Medicaid Population** 

**MARCH 2017** 

TREND

ED Use (Rate per 1000)

2014 2015 2016 2017

**Washington State** 

**Classic Adult Medicaid Population** 

SFY 2016 BY AGE

ED Use (Rate per 1000)

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# **Emergency Department Use**

Rate per 1000 Coverage Months

#### AFFORDABLE CARE ACT AFFORDABLE CARE ACT IMPLEMENTATION IMPLEMENTATION 250 250 Use rate is defined as the number of 200 200 Emergency Department visits in SFY per 1,000 member months. Member 150 150 months are months in which cases had 108 coverage under Medicaid. See 99 89 90 81 100 82 100 ......... 66 65 50 50 0 0 2010 2012 2013 2014 2015 2016 2017 2010 2012 2013 2011 2011 Age 0-17 18-24 25-34 35-64 Total\* 0-17 18-24 25-34 35-64 Total\* SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER SFY 2016 BY RACE/ETHNICITY SFY 2016 BY GENDER ED Use (Rate per 1000) 88 88 89 84 80 82 59 White Non-Any Minority Female Male White Non-Any Minority Female Hispanic Hispanic

TREND

ED Use (Rate per 1000)

COUNTY:

INDICATOR

| <br>Age 0-17   |
|----------------|
| <br>Age 18-24  |
| Age 25-34      |
| Age 35-64      |
| <br>Age Total* |

Technical Notes for details.

#### 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.

55

Male

|  | SUPPOR |        |                    |             |          | epartin  | ient Os |      | e per 10      |         |              |          |           |         |         | _    |
|--|--------|--------|--------------------|-------------|----------|----------|---------|------|---------------|---------|--------------|----------|-----------|---------|---------|------|
|  |        |        |                    | Spokane     | -        |          |         |      |               |         |              | Vashingt |           |         |         |      |
|  |        | C      | Classic Ac         | ult Med     | icaid Po | pulation |         |      |               |         | lassic A     | ault Med | icaid Pop | ulation |         |      |
| STATE FISCAL YEAR<br>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               | 2010   | 2011   | 2012               | 2015        | 2014     | 2015     | 2010    | 2017 | 2010          | 2011    | 2012         | 2015     | 2014      | 2015    | 2010    | 2017 |
| SFY ED Use Count                             |        |        |                    |             |          |          |         |      |               |         |              |          |           |         |         |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             |        |        |                    |             |          |          |         |      |               |         |              |          |           |         |         |      |
| Age 18-24 /ED Use Rate per 1000              | 143    | 137    | 116                | 107         | 101      | 97       | 99      |      | 124           | 126     | 109          | 107      | 110       | 110     | 108     |      |
| SFY ED Use Count                             | 6,322  | 5,872  | 4,657              | 4,022       | 3,543    | 3,037    | 2,697   |      | 53,310        | 54,426  | 44,192       | 40,203   | 39,862    | 37,483  | 31,868  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 4.415  | 4.289  | 4.013              | 3.766       | 3.500    | 3.146    | 2,718   |      | 43.018        | 43.340  | 40.649       | 37.636   | 36.365    | 33.922  | 29.474  |      |
| Age 25-34 /ED Use Rate per 1000              | 132    | 128    | 102                | 98          | 96       | 94       | 89      |      | 118           | 118     | 101          | 97       | 96        | 92      | 90      |      |
| SFY ED Use Count                             | 9,048  | 9,341  | 7,373              | 7,006       | 7,713    | 8,599    | 7,688   |      | 73,885        | 79,814  | 68,104       | 65,952   | 74,519    | 82,712  | 78,140  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 6.832  | 7.272  | 7.236              | 7.129       | 8.004    | 9.139    | 8.661   |      | 62.472        | 67.822  | 67.654       | 67.713   | 77.421    | 90.340  | 86.684  |      |
| Age 35-64/ED Use Rate per 1000               | 105    | 102    | 74                 | 80          | 73       | 68       | 66      |      | 90            | 89      | 73           | 72       | 69        | 65      | 65      |      |
| SFY ED Use Count                             | 4,346  | 4,612  | 3,361              | 3,652       | 4,319    | 5,252    | 5,093   |      | 39,316        | 42,325  | 35,863       | 36,281   | 45,412    | 56,975  | 55,926  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 4.126  | 4.528  | 4.557              | 4.592       | 5.918    | 7.673    | 7.766   |      | 43.611        | 47.789  | 49.275       | 50,201   | 66.215    | 87.856  | 86.656  |      |
| Age Total <sup>†</sup> /ED Use Rate per 1000 | 128    | 123    | 4.557<br><b>97</b> | 4.552<br>95 | 89       | 85       | 81      |      | 43.011<br>112 | 111     | 45.275<br>94 | 92       | 89        | 84      | 82      |      |
| SFY ED Use Count                             | 19,716 | 19,825 | 15,391             | 14,680      | 15,575   | 16,888   | 15,478  |      | 166,511       | 176,565 | 148,159      | 142,436  | 159,793   | 177,170 | 165,934 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 15,710 | 16.089 | 15.806             | 15.487      | 17.421   | 19.958   | 19,144  |      | 149.101       | 158.951 | 157.578      | 155.569  | 180.001   | 212.118 | 202.815 |      |
| Population by Race-Ethnicity                 | 15.575 | 10.005 | 15.000             | 13.407      | 17.421   | 19.990   | 13.144  |      | 145.101       | 150.551 | 137.370      | 135.505  | 100.001   | 212.110 | 202.015 |      |
| Amer Indian/ED Use Rate per 1000             | 193    | 190    | 145                | 132         | 131      | 136      | 125     |      | 165           | 165     | 136          | 127      | 125       | 124     | 122     |      |
| SFY ED Use Count                             | 2,912  | 2,994  | 2,339              | 1,982       | 2,041    | 2,192    | 1,910   |      | 22,079        | 22,734  | 18,331       | 16,777   | 17,671    | 18,813  | 17,927  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 1.511  | 1.574  | 1.609              | 1.501       | 1.552    | 1.617    | 1.523   |      | 13.414        | 13.767  | 13.515       | 13.187   | 14.121    | 15.222  | 14.640  |      |
| Asian /ED Use Rate per 1000                  | 85     | 61     | 53                 | 64          | 55       | 55       | 57      |      | 66            | 62      | 54           | 56       | 53        | 47      | 49      |      |
| SFY ED Use Count                             | 330    | 270    | 239                | 293         | 302      | 347      | 344     |      | 4,515         | 4,756   | 4,415        | 4,588    | 5,585     | 6,362   | 6,227   |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 0.387  | 0.444  | 0.454              | 0.456       | 0.545    | 0.634    | 0.606   |      | 6.860         | 7.714   | 8.167        | 8.189    | 10.483    | 13.478  | 12.825  |      |
| Black /ED Use Rate per 1000                  | 153    | 134    | 119                | 98          | 91       | 95       | 81      |      | 116           | 117     | 104          | 103      | 102       | 101     | 97      |      |
| SFY ED Use Count                             | 1,297  | 1,195  | 1,090              | 887         | 941      | 1,063    | 892     |      | 19,934        | 21,923  | 19,655       | 19,490   | 21,685    | 23,260  | 21,134  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 0.846  | 0.893  | 0.915              | 0.907       | 1.036    | 1.118    | 1.098   |      | 17.191        | 18.684  | 18.867       | 18.937   | 21.172    | 23.026  | 21.765  |      |
| Hawaiian/PI /ED Use Rate per 1000            | 114    | 79     | 60                 | 66          | 68       | 65       | 65      |      | 83            | 82      | 74           | 73       | 74        | 70      | 72      |      |
| SFY ED Use Count                             | 238    | 202    | 169                | 180         | 281      | 349      | 301     |      | 4,137         | 4,590   | 4,404        | 4,550    | 5,689     | 6,726   | 6,559   |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 0.209  | 0.257  | 0.282              | 0.273       | 0.413    | 0.537    | 0.463   |      | 4.988         | 5.567   | 5.955        | 6.259    | 7.657     | 9.596   | 9.168   |      |
| Hispanic /ED Use Rate per 1000               | 139    | 127    | 94                 | 92          | 85       | 81       | 85      |      | 104           | 102     | 88           | 88       | 87        | 82      | 81      |      |
| SFY ED Use Count                             | 1,364  | 1,348  | 1,051              | 1,040       | 1,099    | 1,217    | 1,225   |      | 22,967        | 24,388  | 21,702       | 21,643   | 26,514    | 31,656  | 29,555  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 0.985  | 1.064  | 1.118              | 1.129       | 1.289    | 1.507    | 1.450   |      | 22.024        | 24.021  | 24.692       | 24.641   | 30.556    | 38.680  | 36.393  |      |
| White Only /ED Use Rate per 1000             | 123    | 119    | 94                 | 94          | 89       | 83       | 80      |      | 114           | 114     | 95           | 92       | 89        | 84      | 82      |      |
| SFY ED Use Count                             | 14,181 | 14,332 | 10,965             | 10,675      | 11,415   | 12,170   | 11,217  |      | 99,871        | 105,336 | 86,413       | 82,027   | 90,588    | 98,566  | 92,103  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 11.495 | 11.994 | 11.633             | 11.417      | 12.836   | 14.716   | 14.065  |      | 87.403        | 92.363  | 90.486       | 88.935   | 101.355   | 117.547 | 112.552 |      |
| Any Minority /ED Use Rate per 1000           | 153    | 143    | 112                | 103         | 95       | 94       | 88      |      | 112           | 111     | 95           | 93       | 90        | 85      | 84      |      |
| SFY ED Use Count                             | 5,406  | 5,359  | 4,311              | 3,870       | 4,041    | 4,524    | 4,047   |      | 64,720        | 69,112  | 59,962       | 58,657   | 67,429    | 76,264  | 71,284  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 3.532  | 3.746  | 3.850              | 3.774       | 4.272    | 4.807    | 4.576   |      | 57.623        | 62.111  | 63.150       | 62.938   | 74.584    | 89.324  | 84.561  |      |
| Population by Gender                         |        |        |                    |             |          |          |         |      |               |         |              |          |           |         |         |      |
| Females /ED Use Rate per 1000                | 136    | 133    | 105                | 102         | 97       | 91       | 88      |      | 119           | 120     | 102          | 99       | 97        | 91      | 89      |      |
| SFY ED Use Count                             | 15,760 | 16,021 | 12,370             | 11,872      | 12,667   | 13,688   | 12,749  |      | 139,817       | 148,695 | 125,599      | 120,942  | 136,007   | 151,563 | 142,581 |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 11.609 | 12.069 | 11.836             | 11.628      | 13.121   | 15.116   | 14.550  |      | 117.537       | 124.062 | 122.833      | 121.806  | 140.360   | 166.156 | 160.103 |      |
| Males /ED Use Rate per 1000                  | 105    | 95     | 76                 | 73          | 68       | 66       | 59      |      | 85            | 80      | 65           | 64       | 60        | 56      | 55      |      |
| SFY ED Use Count                             | 3,956  | 3,804  | 3,021              | 2,808       | 2,908    | 3,200    | 2,729   |      | 26,694        | 27,870  | 22,560       | 21,494   | 23,786    | 25,607  | 23,353  |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)             | 3.764  | 4.020  | 3.970              | 3.859       | 4.300    | 4.842    | 4.594   |      | 31.565        | 34.890  | 34.745       | 33.763   | 39.641    | 45.962  | 42.712  |      |

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



# **Emergency Department Use (Rate per 1,000 Coverage Months)**

Among Medicaid-Classic Adults, by County

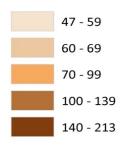
**MARCH 2017** 

# SFY 2016

#### INDICATOR

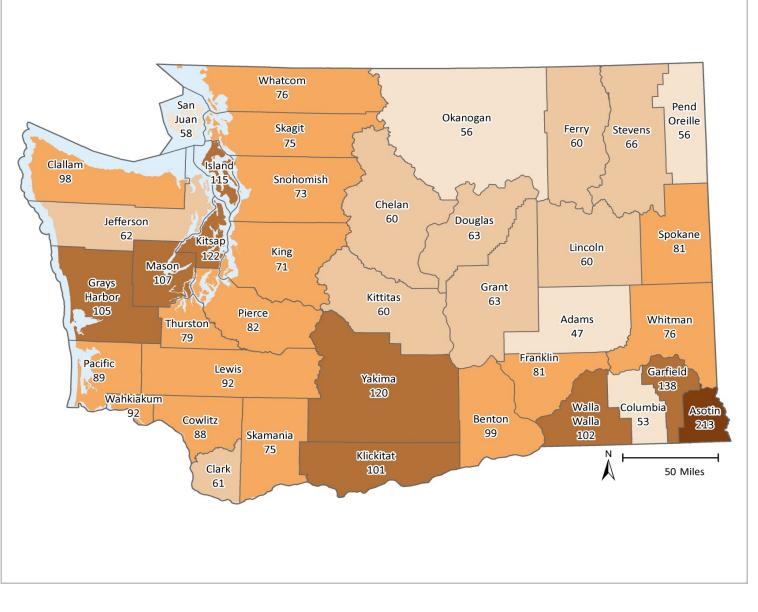
Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

### 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.





SFY 2016 BY AGE

ED Use (Rate per 1000)

## **Behavioral Health Treatment Needs and Outcomes**

**Spokane County** 

**Expansion Adult Medicaid Population** 

TREND

ED Use (Rate per 1000)

**MARCH 2017** 

TREND

ED Use (Rate per 1000)

**Washington State** 

**Expansion Adult Medicaid Population** 

SFY 2016 BY AGE

ED Use (Rate per 1000)

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# Emergency **Department Use**

| Rate | per | 1000 | Coverage | Months |
|------|-----|------|----------|--------|
|------|-----|------|----------|--------|

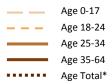
| thent use  | 20 000                | (Hate per 1000)                               | 22 000 (114                             | te pel 2000)                         | 22 000 (1100                | .e pe: 1000)                               | 22 000 (                          | e pei 2000)                   |
|--|-----------------------|---|---|--------------------------------------|-----------------------------|--|-----------------------------------|-------------------------------|
| 0 Coverage Months  |                       |   |   | RDABLE CARE ACT                      |                             |  |                                   | DABLE CARE ACT<br>LEMENTATION |
| ned as the number of<br>partment visits in SFY per<br>months. Member                                     |                       |   | 200                                     |                                      |                             |  | 200                               |                               |
| nths in which cases had<br>Medicaid. See   |                       |   | 150                                     |                                      |                             |  | 150                               |                               |
| s for details.   | 57                    | 71 63 64                                      | 100                                     |                                      | 60 6                        | 52 <sub>56</sub> 59                        | 100                               |                               |
| ge 0-17<br>ge 18-24  |                       |   | 50                                      | <u>*****</u>                         |                             |  | 50                                |                               |
| ge 25-34<br>ge 35-64   | Age Age<br>0-17 18-24 | Age Age Age<br>25-34 35-64 Total <sup>*</sup> | 2010 0<br>2011 2011 2012 2012 2012 2013 | 2014<br>2015<br>2016<br>2016<br>2017 | Age Age Ag<br>0-17 18-24 25 | ge Age Age<br>-34 35-64 Total <sup>*</sup> | 0<br>2010<br>2011<br>2012<br>2012 | 2015                          |
| ge Total*  | SFY 2016 F            | BY RACE/ETHNICITY                             | SFY 2016 E                              | BY GENDER                            | SFY 2016 BY RA              | ACE/ETHNICITY                              | SFY 2016 B                        | SY GENDER                     |
| ge 0-17<br>ge 18-24<br>ge 25-34<br>ge 35-64  |                       | e (Rate per 1000)                             | ED Use (Rat                             | te per 1000)                         | ED Use (Rat                 | -  | ED Use (Rat                       | e per 1000)                   |
| ge Total*<br><b>ULATION</b><br>d Client Database.<br>ding in geographic area                             |                       | 74  |   |                                      | 50                          | 61   |                                   |                               |
| the year, with at least<br>xpansion Adult-<br>age in the year. The<br>Medicaid coverage<br>les children. | 63                    |   | 66                                      | 63                                   | 59                          | 61   | 59                                | 58                            |
|  | White Non<br>Hispanic |   | Female                                  | Male                                 | White Non-<br>Hispanic      | Any Minority                               | Female                            | Male                          |
| d older have been excluded   |                       |   |   |                                      |                             |  |                                   |                               |

INDICATOR Use rate is defined **Emergency Depar** 1,000 member m months are month coverage under N Technical Notes for

#### COUNTY:

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

#### STATE:



#### SOURCE & POPU

DSHS Integrated C Population residir as of June 30 of th one month of Exp Medicaid coverag Expansion Adult N category excludes

\*Those age 65 and o due to incomplete data.

|                                    | SUPPORT | IING IA |           |          |                    | epartm       | ient Us         | e (Kate | e per 10 | UU COV | -         |          |                      |               |               |      |
|------------------------------------|---------|---------|-----------|----------|--------------------|--------------|-----------------|---------|----------|--------|-----------|----------|----------------------|---------------|---------------|------|
|                                    |         |         |           | Spokane  |                    |              |                 |         |          |        | ashingto/ |          |                      |               |               |      |
|                                    |         | Exp     | pansion A | Adult Me | dicaid P           | opulatio     | n               |         |          | Exp    | pansion A | Adult Me | edicaid Po           | opulatio      | n             |      |
| STATE FISCAL YEAR                  |         |         |           |          |                    |              |                 |         |          |        |           |          |                      |               |               |      |
| 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    |         |         |           |          | 70                 | 66           | 57              |         |          |        |           |          | 66                   | 64            | 60            |      |
| SFY ED Use Count                   |         |         |           |          | 2,031              | 5,840        | 6,357           |         |          |        |           |          | 20,550               | 61,366        | 69,749        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 2.885              | 8.901        | 11.190          |         |          |        |           |          | 31.266               | 96.569        | 117.129       |      |
| Age 25-34 /ED Use Rate per 1000    |         |         |           |          | 80                 | 74           | 71              |         |          |        |           |          | 66                   | 64            | 62            |      |
| SFY ED Use Count                   |         |         |           |          | 3,602              | 11,087       | 12,861          |         |          |        |           |          | 33,192               | 103,327       | 118,967       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 4.506              | 14.885       | 18.116          |         |          |        |           |          | 50.565               | 160.272       | 191.668       |      |
| Age 35-64/ED Use Rate per 1000     |         |         |           |          | 61                 | 63           | 63              |         |          |        |           |          | 54                   | 56            | 56            |      |
| SFY ED Use Count                   |         |         |           |          | 4,842              | 15,235       | 17,545          |         |          |        |           |          | 53,779               | 165,906       | 188,193       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 7.949              | 24.287       | 27.839          |         |          |        |           |          | 100.322              | 296.104       | 333.649       |      |
| Age Total† /ED Use Rate per 1000   |         |         |           |          | 68                 | 67           | 64              |         |          |        |           |          | 59                   | 60            | 59            |      |
| SFY ED Use Count                   |         |         |           |          | 10,475             | 32,162       | 36,763          |         |          |        |           |          | 107,521              | 330,599       | 376,909       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 15.340             | 48.073       | 57.146          |         |          |        |           |          | 182.153              | 552.945       | 642.446       |      |
| Population by Race-Ethnicity       |         |         |           |          |                    |              |                 |         |          |        |           |          |                      |               |               |      |
| Amer Indian/ED Use Rate per 1000   |         |         |           |          | 146                | 123          | 113             |         |          |        |           |          | 120                  | 111           | 105           |      |
| SFY ED Use Count                   |         |         |           |          | 1,212              | 3,453        | 4,006           |         |          |        |           |          | 10,352               | 32,134        | 37,051        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 0.830              | 2.816        | 3.560           |         |          |        |           |          | 8.651                | 29.005        | 35.387        |      |
| Asian /ED Use Rate per 1000        |         |         |           |          | 32                 | 33           | 35              |         |          |        |           |          | 24                   | 26            | 27            |      |
| SFY ED Use Count                   |         |         |           |          | 185                | 504          | 606             |         |          |        |           |          | 4,054                | 11,623        | 13,321        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 0.580              | 1.528        | 1.738           |         |          |        |           |          | 16.913               | 45.279        | 49.274        |      |
| Black /ED Use Rate per 1000        |         |         |           |          | 106                | 97           | 80              |         |          |        |           |          | 84                   | 82            | 80            |      |
| SFY ED Use Count                   |         |         |           |          | 700                | 2,254        | 2,358           |         |          |        |           |          | 11,976               | 38,067        | 43,822        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 0.661              | 2.318        | 2.937           |         |          |        |           |          | 14.280               | 46.235        | 54.737        |      |
| Hawaiian/PI /ED Use Rate per 1000  |         |         |           |          | 63                 | 41           | 50              |         |          |        |           |          | 50                   | 50            | 50            |      |
| SFY ED Use Count                   |         |         |           |          | 174                | 362          | 466             |         |          |        |           |          | 2,798                | 9,035         | 10,768        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 0.274              | 0.873        | 0.940           |         |          |        |           |          | 5.554                | 18.244        | 21.642        |      |
| Hispanic /ED Use Rate per 1000     |         |         |           |          | 69                 | 66           | 61              |         |          |        |           |          | 53                   | 56            | 57            |      |
| SFY ED Use Count                   |         |         |           |          | 682                | 2,100        | 2,399           |         |          |        |           |          | 14,018               | 44,778        | 52,730        |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 0.991              | 3.181        | 3.946           |         |          |        |           |          | 26.607               | 79.715        | 92.796        |      |
| White Only /ED Use Rate per 1000   |         |         |           |          | 65                 | 64           | 63              |         |          |        |           |          | 61                   | 61            | 59            |      |
| SFY ED Use Count                   |         |         |           |          | 7,726              | 23,984       | 27,402          |         |          |        |           |          | 66,991               | 203,276       | 229,016       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 11.945             | 37.187       | 43.765          |         |          |        |           |          | 109.696              | 333.649       | 387.527       |      |
| Any Minority /ED Use Rate per 1000 |         |         |           |          | <b>87</b>          | 80           | 43.765<br>74    |         |          |        |           |          | 105.050<br><b>59</b> | 61            | 61            |      |
| SFY ED Use Count                   |         |         |           |          | 2,641              | 7,695        | 8,714           |         |          |        |           |          | 38,837               | 121,375       | 140,334       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 3.022              | 9.646        | 8,714<br>11.771 |         |          |        |           |          | 66.078               | 121,373       | 230.384       |      |
| Population by Gender               |         |         |           |          | 5.022              | 9.040        | 11.771          |         |          |        |           |          | 00.078               | 199.095       | 230.364       |      |
| Females /ED Use Rate per 1000      |         |         |           |          | 65                 | 67           | 66              |         |          |        |           |          | 56                   | 59            | 59            |      |
| SFY ED Use Count                   |         |         |           |          | 4,813              | 15,435       | 17,899          |         |          |        |           |          | 51,163               | 162,681       | 187,907       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 7.455              | 23.207       | 27.295          |         |          |        |           |          | 90.984               | 274.642       | 317.371       |      |
| Males /ED Use Rate per 1000        |         |         |           |          | 7.433<br><b>72</b> | 23.207<br>67 | 63              |         |          |        |           |          | 62                   | 274.042<br>60 | 517.571<br>58 |      |
| SFY ED Use Count                   |         |         |           |          | 5,662              | 16,727       | 18,864          |         |          |        |           |          | 56,358               | 167,918       | 189,002       |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)   |         |         |           |          | 7.885              | 24.865       | 29.851          |         |          |        |           |          | 91.168               | 278.302       | 325.075       |      |
|                                    |         |         |           |          | C00.1              | 24.803       | 23.021          |         |          |        |           |          | 21.100               | 210.302       | 323.073       |      |

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



# **Emergency Department Use (Rate per 1,000 Coverage Months)**

Among Medicaid-Expansion Adults, by County

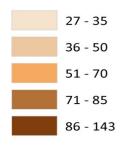
**MARCH 2017** 

# SFY 2016

#### INDICATOR

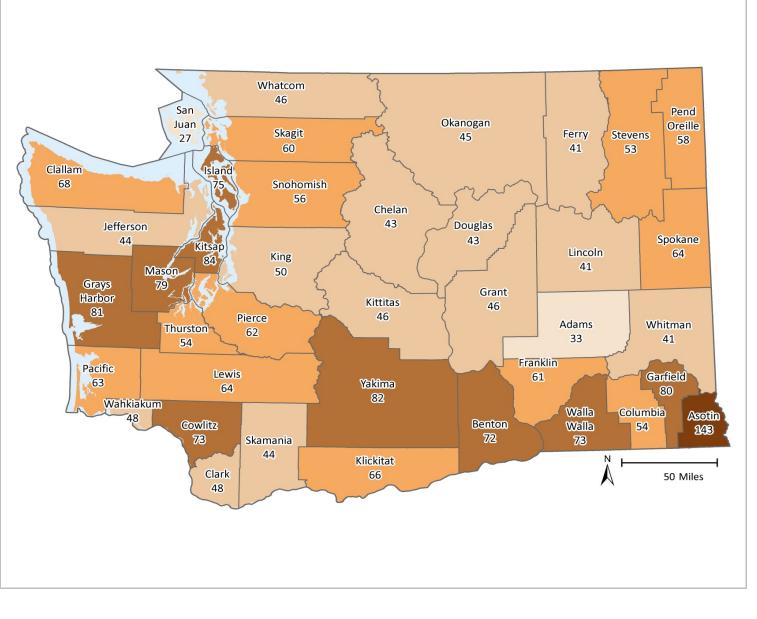
Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

### 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.





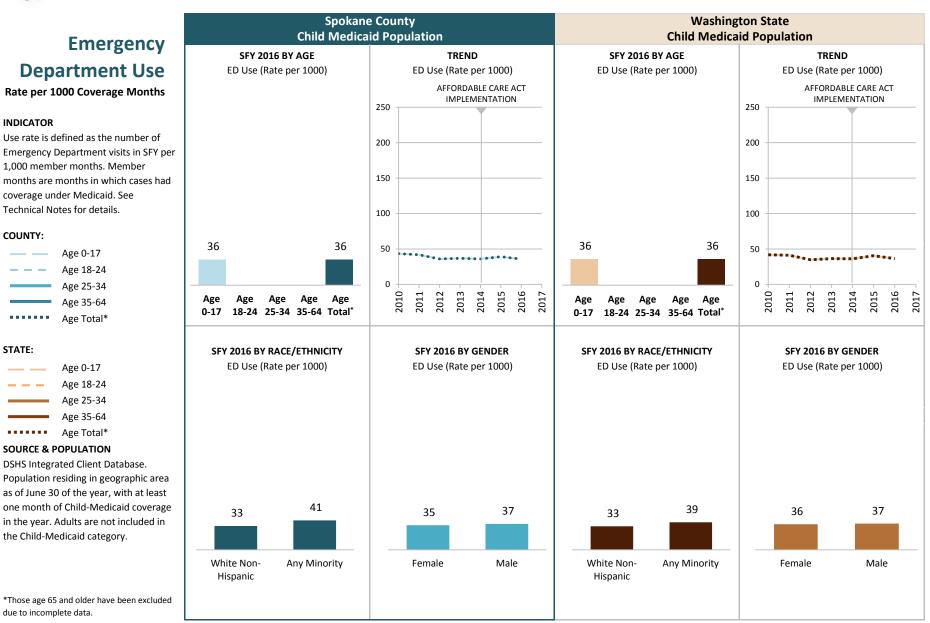
STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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|   | SUPPOR              | TING T              |                     |                     |                     | epartn              | nent Use            | e (Rate | e per 10             | 000 Cov              |                      |                      |                      |                      |                      |      |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------|
|   |                     |                     |                     | Spokane             | County              |                     |                     |         |                      |                      | ۱                    | Nashingt             | on State             |                      |                      |      |
|   |                     |                     | Child               | Medicai             | d Popula            | ition               |                     |         |                      |                      | Child                | Medicai              | d Populat            | tion                 |                      |      |
| STATE FISCAL YEAR                                     |                     |                     |                     |                     |                     |                     |                     |         |                      |                      |                      |                      |                      |                      |                      |      |
| 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                        | 44                  | 42                  | 36                  | 37                  | 36                  | 39                  | 36                  |         | 42                   | 41                   | 35                   | 36                   | 36                   | 40                   | 36                   |      |
| SFY ED Use Count                                      | 22,559              | 22,851              | 20,108              | 20,872              | 20,788              | 23,962              | 23,440              |         | 272,394              | 283,747              | 245,803              | 260,367              | 265,737              | 315,579              | 301,670              |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 51.828              | 54.626              | 55.870              | 56.435              | 57.853              | 61.209              | 65.498              |         | 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                      | 44                  | 42                  | 36                  | 37                  | 36                  | 39                  | 36                  |         | 42                   | 41                   | 35                   | 36                   | 36                   | 40                   | 36                   |      |
| SFY ED Use Count                                      | 22,559              | 22,851              | 20,108              | 20,872              | 20,788              | 23,962              | 23,440              |         | 272,394              | 283,747              | 245,803              | 260,367              | 265,737              | 315,579              | 301,670              |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 51.828              | 54.626              | 55.870              | 56.435              | 57.853              | 61.209              | 65.498              |         | 651.343              | 690.061              | 706.855              | 714.079              | 733.280              | 779.926              | 828.512              |      |
| Population by Race-Ethnicity                          |                     |                     |                     |                     |                     | - 4                 |                     |         |                      |                      |                      |                      |                      | - 4                  |                      |      |
| Amer Indian/ED Use Rate per 1000                      | 62                  | 59                  | 50                  | 52                  | 49                  | 51                  | 48                  |         | 55                   | 53                   | 47                   | 48                   | 47                   | 51                   | 45                   |      |
| SFY ED Use Count                                      | 2,719               | 2,649               | 2,237               | 2,390               | 2,219               | 2,305               | 2,215               |         | 23,882               | 23,553               | 20,808               | 21,058               | 20,321               | 22,252               | 20,488               |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 4.369               | 4.508               | 4.495               | 4.582               | 4.503               | 4.495               | 4.584               |         | 43.359               | 44.329               | 44.432               | 44.298               | 43.361               | 44.035               | 45.324               |      |
| Asian /ED Use Rate per 1000                           | 33                  | 32                  | 27                  | 30                  | 30                  | 31                  | 27                  |         | 24                   | 24                   | 22                   | 23                   | 23                   | 26                   | 23                   |      |
| SFY ED Use Count                                      | 529                 | 556                 | 485                 | 551                 | 573                 | 612                 | 547                 |         | 9,141                | 9,758                | 9,216                | 10,078               | 10,676               | 12,502               | 11,351               |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 1.595               | 1.731               | 1.798               | 1.850               | 1.929               | 1.981               | 2.000               |         | 37.644               | 40.438               | 42.103               | 43.046               | 45.593               | 48.798               | 50.102               |      |
| Black /ED Use Rate per 1000                           | 56                  | 54                  | 45                  | 47                  | 45                  | 50                  | 46                  |         | 44                   | 45                   | 41                   | 42                   | 42                   | 48                   | 42                   |      |
| SFY ED Use Count                                      | 2,229               | 2,239               | 1,983               | 2,083               | 2,072               | 2,381               | 2,289               |         | 30,340               | 32,237               | 29,994               | 31,888               | 32,276               | 37,684               | 34,629               |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 3.956               | 4.152               | 4.382               | 4.461               | 4.558               | 4.749               | 5.010               |         | 68.256               | 71.559               | 73.599               | 75.120               | 76.416               | 79.215               | 82.682               |      |
| Hawaiian/PI /ED Use Rate per 1000                     | 49                  | 46                  | 39                  | 42                  | 40                  | 45                  | 38                  |         | 38                   | 39                   | 35                   | 37                   | 37                   | 40                   | 35                   |      |
| SFY ED Use Count                                      | 540                 | 628                 | 643                 | 719                 | 766                 | 915                 | 839                 |         | 9,394                | 10,613               | 10,095               | 11,170               | 11,597               | 13,556               | 12,804               |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 1.113               | 1.380               | 1.640               | 1.718               | 1.903               | 2.013               | 2.234               |         | 24.736               | 27.264               | 29.251               | 30.458               | 31.623               | 34.004               | 36.909               |      |
| Hispanic /ED Use Rate per 1000                        | 52                  | 47                  | 40                  | 43                  | 41                  | 46                  | 39                  |         | 50                   | 48                   | 37                   | 40                   | 40                   | 46                   | 41                   |      |
| SFY ED Use Count                                      | 2,342               | 2,313               | 2,024               | 2,284               | 2,333               | 2,863               | 2,597               |         | 101,976              | 103,169              | 83,227               | 89,981               | 91,993               | 110,792              | 103,864              |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 4.545               | 4.892               | 5.091               | 5.364               | 5.672               | 6.171               | 6.580               |         | 204.069              | 215.795              | 222.440              | 226.878              | 231.589              | 243.291              | 255.104              |      |
| White Only /ED Use Rate per 1000                      | 41                  | 39                  | 34                  | 34                  | 33                  | 36                  | 33                  |         | 37                   | 37                   | 33                   | 34                   | 33                   | 36                   | 33                   |      |
| SFY ED Use Count                                      | 14,808              | 14,936              | 12,970              | 13,139              | 12,949              | 14,712              | 14,317              |         | 100,941              | 106,304              | 94,823               | 97,153               | 99,593               | 115,320              | 110,411              |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 36.512              | 38.045              | 38.415              | 38.283              | 38.965              | 40.769              | 42.860              |         | 273.089              | 286.326              | 290.593              | 289.951              | 297.587              | 316.154              | 331.518              |      |
| Any Minority /ED Use Rate per 1000                    |                     | 49                  | 42                  | 44                  | 42                  | 47                  | 41                  |         | 46                   | 45                   | 37                   | 39                   | 39                   | 44                   | 39                   |      |
| SFY ED Use Count                                      | 7,086               | 7,099               | 6,313               | 6,764               | 6,792               | 7,855               | 7,327               |         | 156,665              | 160,107              | 135,882              | 146,020              | 148,434              | 176,403              | 164,441              |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 13.414              | 14.348              | 15.005              | 15.484              | 16.015              | 16.849              | 17.768              |         | 339.312              | 358.217              | 368.889              | 375.759              | 384.207              | 403.690              | 422.961              |      |
| Population by Gender<br>Females /ED Use Rate per 1000 | 43                  | 41                  | 35                  | 37                  | 36                  | 39                  | 35                  |         | 41                   | 40                   | 34                   | 36                   | 36                   | 40                   | 36                   |      |
| SFY ED Use Count                                      | <b>43</b><br>10,943 | <b>41</b><br>11,155 | <b>35</b><br>9,647  | <b>37</b><br>10,226 | <b>30</b><br>10,122 | <b>39</b><br>11,637 | <b>35</b><br>11,185 |         | <b>41</b><br>131,808 | <b>40</b><br>137,701 | <b>54</b><br>118,857 | <b>30</b><br>126,022 | <b>30</b><br>128,856 | <b>40</b><br>153,642 | <b>30</b><br>146,708 |      |
| SFY ED Use Count<br>SFY Medicaid Mo. Cnt. (10 Thsds)  |                     |                     |                     |                     |                     |                     |                     |         |                      |                      |                      |                      |                      |                      |                      |      |
| Males /ED Use Rate per 1000                           | 25.554<br><b>44</b> | 26.884<br><b>42</b> | 27.404<br><b>37</b> | 27.601<br><b>37</b> | 28.257<br><b>36</b> | 29.905<br><b>39</b> | 32.072<br><b>37</b> |         | 321.978<br><b>43</b> | 340.726<br><b>42</b> | 348.813<br><b>35</b> | 352.004<br><b>37</b> | 361.357<br><b>37</b> | 384.346<br><b>41</b> | 408.192<br><b>37</b> |      |
| SFY ED Use Count                                      |                     |                     |                     |                     |                     |                     |                     |         |                      |                      |                      |                      |                      |                      | <b>37</b><br>154,962 |      |
|   | 11,616              | 11,696              | 10,461              | 10,646              | 10,666              | 12,325              | 12,255              |         | 140,586              | 146,046              | 126,946              | 134,345              | 136,881              | 161,937              |                      |      |
| SFY Medicaid Mo. Cnt. (10 Thsds)                      | 26.275              | 27.742              | 28.466              | 28.834              | 29.596              | 31.304              | 33.426              |         | 329.366              | 349.335              | 358.043              | 362.075              | 371.923              | 395.580              | 420.320              |      |

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



# **Emergency Department Use (Rate per 1,000 Coverage Months)**

Among Medicaid-Children, by County

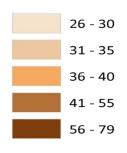
**MARCH 2017** 

# SFY 2016

#### INDICATOR

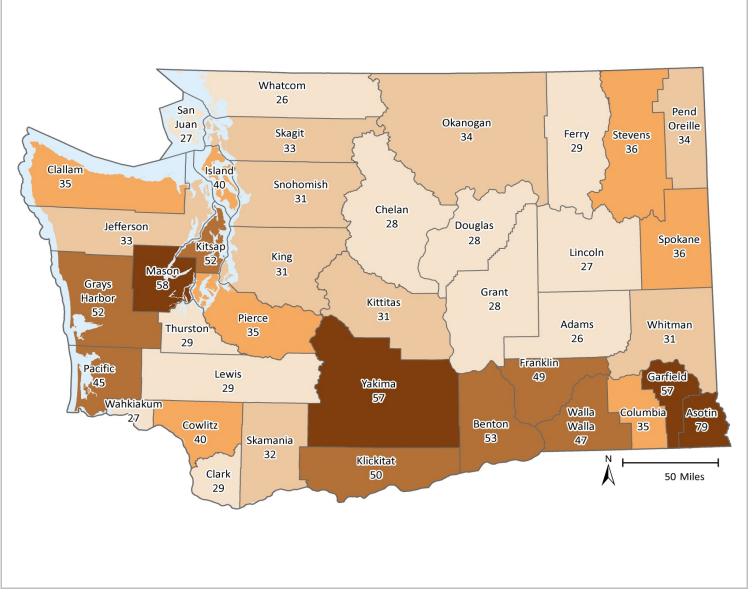
Use rate is defined as the number of Emergency Department visits in SFY per 1,000 member months. Member months are months in which cases had coverage under Medicaid. See Technical Notes for details.

### 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.





## **Behavioral Health Treatment Needs and Outcomes**

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# Homelessness

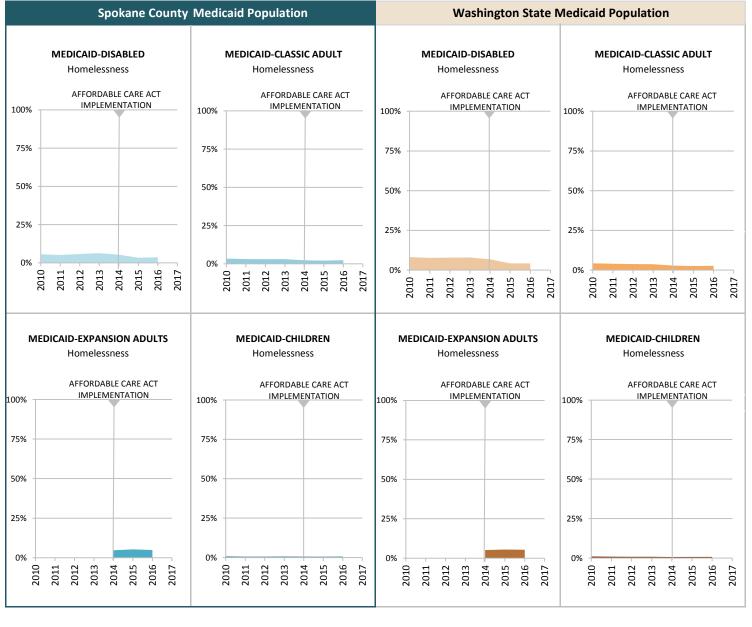
#### INDICATOR

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.



#### 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 subpopulations 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.



|                            | 1      |        |        |          |          |           |        |      |                                      |         |         |         |         |         |         |      |  |  |
|----------------------------|--------|--------|--------|----------|----------|-----------|--------|------|--------------------------------------|---------|---------|---------|---------|---------|---------|------|--|--|
|                            |        | S      | pokane | County I | Medicaid | l Populat | ion    |      | Washington State Medicaid Population |         |         |         |         |         |         |      |  |  |
| STATE FISCAL YEAR          |        |        |        |          |          |           |        |      |                                      |         |         |         |         |         |         |      |  |  |
| by Medicaid Sub-Population | 2010   | 2011   | 2012   | 2013     | 2014     | 2015      | 2016   | 2017 | 2010                                 | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017 |  |  |
| Medicaid-Disabled          | 5.6%   | 5.1%   | 5.8%   | 6.3%     | 5.3%     | 3.3%      | 3.6%   |      | 8.2%                                 | 7.7%    | 7.9%    | 7.9%    | 6.8%    | 4.2%    | 4.2%    |      |  |  |
| Persons w/Homelessness     | 649    | 610    | 736    | 855      | 701      | 336       | 368    |      | 10,251                               | 9,865   | 10,553  | 11,135  | 8,995   | 4,344   | 4,278   |      |  |  |
| Total persons              | 11,613 | 11,888 | 12,774 | 13,601   | 13,216   | 10,123    | 10,166 |      | 124,883                              | 128,515 | 134,310 | 140,423 | 132,693 | 102,517 | 101,262 |      |  |  |
| Medicaid-Classic Adults    | 3.4%   | 3.1%   | 3.0%   | 3.0%     | 2.3%     | 2.0%      | 2.3%   |      | 4.3%                                 | 4.0%    | 3.8%    | 3.7%    | 2.8%    | 2.6%    | 2.7%    |      |  |  |
| Persons w/Homelessness     | 624    | 595    | 566    | 560      | 447      | 401       | 437    |      | 7,985                                | 7,911   | 7,447   | 7,122   | 5,924   | 5,494   | 5,464   |      |  |  |
| Total persons              | 18,526 | 19,289 | 19,002 | 18,620   | 19,682   | 19,580    | 18,737 |      | 187,116                              | 196,466 | 195,423 | 192,285 | 209,200 | 212,897 | 202,682 |      |  |  |
| Medicaid-Expansion Adults  |        |        |        |          | 4.7%     | 5.3%      | 4.9%   |      |                                      |         |         |         | 5.2%    | 5.5%    | 5.3%    |      |  |  |
| Persons w/Homelessness     |        |        |        |          | 1,410    | 2,682     | 2,838  |      |                                      |         |         |         | 18,570  | 32,850  | 35,815  |      |  |  |
| Total persons              |        |        |        |          | 30,057   | 51,010    | 58,482 |      |                                      |         |         |         | 360,507 | 597,946 | 669,713 |      |  |  |
| Medicaid-Children          | 0.7%   | 0.5%   | 0.5%   | 0.6%     | 0.5%     | 0.5%      | 0.6%   |      | 1.0%                                 | 0.8%    | 0.8%    | 0.8%    | 0.7%    | 0.7%    | 0.7%    |      |  |  |
| Persons w/Homelessness     | 355    | 276    | 285    | 331      | 304      | 293       | 356    |      | 6,131                                | 5,544   | 5,185   | 5,267   | 4,675   | 5,146   | 5,507   |      |  |  |
| Total persons              | 48,797 | 51,427 | 52,264 | 53,094   | 55,484   | 57,268    | 60,490 |      | 622,410                              | 654,270 | 667,876 | 675,849 | 709,246 | 733,269 | 764,990 |      |  |  |

### SUPPORTING TABLES | Homelessness

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.

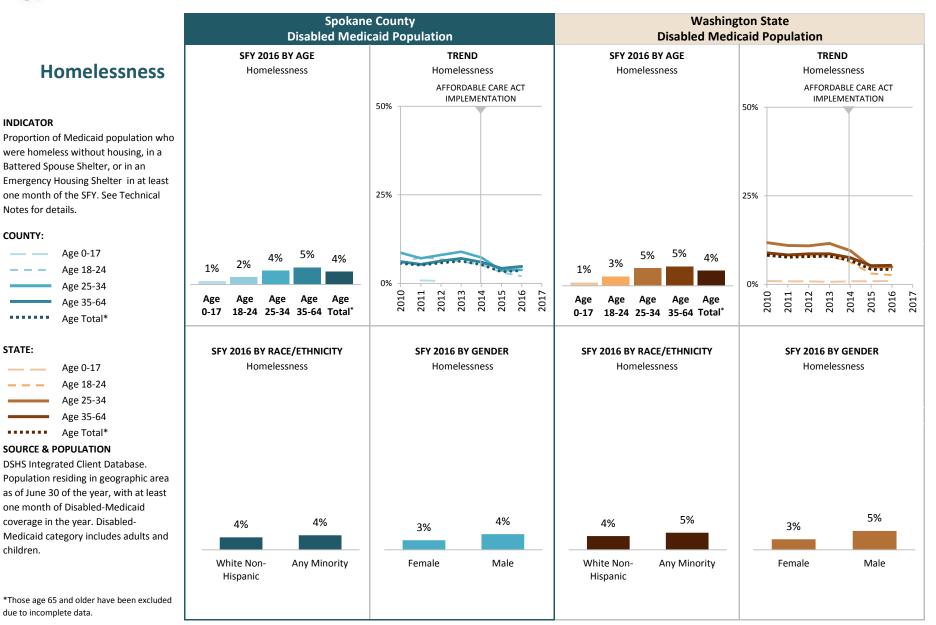
Impact of Medicaid Expansion on interpretation of trends. Medicaid Expansion has had complex effects on the composition of the adult Medicaid caseload, beyond simply expanding coverage to new populations. For example, the "classic non-disabled adult" coverage group experienced a caseload increase related 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.



## Behavioral Health Treatment Needs and Outcomes

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|  |        |             |             | Spokane     | County             |                    | ·      |      |             | Wa                   | shington           | State M            | edicaid P            | opulatio             | n                    |     |
|--|--------|-------------|-------------|-------------|--------------------|--------------------|--------|------|-------------|----------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-----|
|  |        |             |             | d Medica    |                    | lation             |        |      |             |                      | -                  |                    | aid Popul            | -                    |                      |     |
| STATE FISCAL YEAR                              |        |             |             |             |                    |                    |        |      |             |                      |                    |                    | -                    |                      |                      |     |
| Population by Age                              | 2010   | 2011        | 2012        | 2013        | 2014               | 2015               | 2016   | 2017 | 2010        | 2011                 | 2012               | 2013               | 2014                 | 2015                 | 2016                 | 201 |
| Age 0-17 w/Homelessness                        |        | 0.9%        | 0.7%        |             |                    |                    | 0.9%   |      | 1.0%        | 0.9%                 | 0.9%               | 0.7%               | 0.9%                 | 0.9%                 | 0.9%                 |     |
| Persons w/Homelessness                         |        | 16          | 13          |             |                    |                    | 18     |      | 162         | 150                  | 153                | 135                | 160                  | 165                  | 176                  |     |
| Total persons                                  | 1,794  | 1,851       | 1,922       | 1,967       | 1,973              | 1,966              | 2,010  |      | 16,781      | 17,300               | 17,984             | 18,543             | 18,499               | 18,398               | 18,838               |     |
| Age 18-24 w/Homelessness                       | 5.6%   | 7.5%        | 6.8%        | 6.1%        | 5.3%               | 3.1%               | 2.0%   |      | 8.6%        | 8.2%                 | 8.1%               | 8.1%               | 6.2%                 | 3.1%                 | 2.6%                 |     |
| Persons w/Homelessness                         | 66     | 89          | 84          | 79          | 64                 | 31                 | 20     |      | 1,070       | 1,031                | 1,018              | 1,031              | 742                  | 299                  | 252                  |     |
| Total persons                                  | 1,188  | 1,187       | 1,236       | 1,287       | 1,214              | 999                | 982    |      | 12,428      | 12,515               | 12,560             | 12,748             | 11,876               | 9,790                | 9,630                |     |
| Age 25-34 w/Homelessness                       | 8.7%   | 7.1%        | 8.0%        | 8.9%        | 7.3%               | 3.7%               | 3.8%   |      | 11.8%       | 11.0%                | 10.9%              | 11.5%              | 9.5%                 | 4.9%                 | 4.9%                 |     |
| Persons w/Homelessness                         | 142    | 120         | 147         | 176         | 141                | 51                 | 54     |      | 1,998       | 1,918                | 2,000              | 2,237              | 1,757                | 670                  | 670                  |     |
| Total persons                                  | 1,640  | 1,689       | 1,828       | 1,969       | 1,930              | 1,389              | 1,405  |      | 16,942      | 17,492               | 18,352             | 19,368             | 18,422               | 13,637               | 13,622               |     |
| Age 35-64 w/Homelessness                       | 6.2%   | 5.4%        | 6.3%        | 7.1%        | 6.0%               | 4.2%               | 4.8%   |      | 8.9%        | 8.3%                 | 8.6%               | 8.6%               | 7.6%                 | 5.3%                 | 5.4%                 |     |
| Persons w/Homelessness                         | 431    | 385         | 492         | 591         | 488                | 244                | 276    |      | 7,021       | 6,766                | 7,382              | 7,732              | 6,336                | 3,210                | 3,180                |     |
| Total persons                                  | 6,991  | 7,161       | 7,788       | 8,378       | 8,099              | 5,769              | 5,769  |      | 78,732      | 81,208               | 85,414             | 89,764             | 83,896               | 60,692               | 59,172               |     |
| Age Total <sup>†</sup> w/Homelessness          | 5.6%   | 5.1%        | 5.8%        | 6.3%        | 5.3%               | 3.3%               | 3.6%   |      | 8.2%        | 7.7%                 | 7.9%               | 7.9%               | 6.8%                 | 4.2%                 | 4.2%                 |     |
| Persons w/Homelessness                         | 649    | 610         | 736         | 855         | 701                | 336                | 368    |      | 10,251      | 9,865                | 10,553             | 11,135             | 8,995                | 4,344                | 4,278                |     |
| Total persons                                  | 11,613 | 11,888      | 12,774      | 13,601      | 13,216             | 10,123             | 10,166 |      | 124,883     | 128,515              | 134,310            | 140,423            | 132,693              | 102,517              | 101,262              |     |
| Population by Race-Ethnicity                   | 11,010 | 11,000      | ,,,,,       | 10,001      | 10/210             | 10,120             | 10)100 |      | 12 1,000    | 120,010              | 10 1/010           | 110)120            | 101,000              | 102,017              | 101/202              |     |
| Amer Indian w/Homelessness                     | 9.0%   | 6.7%        | 8.9%        | 8.1%        | 7.7%               | 3.9%               | 4.3%   |      | 11.8%       | 10.9%                | 10.8%              | 10.5%              | 8.6%                 | 5.9%                 | 6.1%                 |     |
| Persons w/Homelessness                         | 119    | 90          | 128         | 121         | 113                | 46                 | 50     |      | 1,498       | 1,411                | 1,449              | 1,474              | 1,139                | 614                  | 620                  |     |
| Total persons                                  | 1,318  | 1,345       | 1,446       | 1,485       | 1,477              | 1,169              | 1,153  |      | 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                                  | 221    | 222         | 252         | 274         | 281                | 216                | 211    |      | 6,163       | 6,321                | 6,430              | 6,757              | 6,406                | 5,052                | 4,987                |     |
| Black w/Homelessness                           | 9.1%   | 8.8%        | 7.1%        | 10.2%       | 7.8%               | 4.9%               | 5.2%   |      | 16.2%       | 15.1%                | 14.6%              | 14.3%              | 12.1%                | 7.5%                 | 7.2%                 |     |
| Persons w/Homelessness                         | 69     | 72          | 63          | 99          | 78                 | 40                 | 43     |      | 2,554       | 2,495                | 2,574              | 2,653              | 2,189                | 1,073                | 1,032                |     |
| Total persons                                  | 756    | 817         | 891         | 975         | 1,000              | 820                | 833    |      | 15,723      | 16,528               | 17,644             | 18,598             | 18,024               | 14,300               | 14,301               |     |
| Hawaiian/PI w/Homelessness                     | 750    | 017         | 051         | 575         | 1,000              | 020                | 055    |      | 6.5%        | <b>6.1%</b>          | <b>6.6%</b>        | <b>7.1%</b>        | <b>6.0%</b>          | <b>3.2%</b>          | <b>2.6%</b>          |     |
| Persons w/Homelessness                         |        |             |             |             |                    |                    |        |      | 174         | 176                  | 200                | 232                | 194                  | <b>3.276</b><br>84   | <b>2.0</b> %         |     |
| Total persons                                  | 127    | 139         | 153         | 173         | 170                | 150                | 161    |      | 2,678       | 2,909                | 3,037              | 3,282              |                      | 2,606                | 2,606                |     |
| Hispanic w/Homelessness                        | 5.8%   | <b>5.9%</b> | <b>5.8%</b> | <b>7.1%</b> | 176<br><b>5.7%</b> | <b>2.1%</b>        | 3.4%   |      |             | 2,909<br><b>5.7%</b> |                    | 5,282<br>5.7%      | 3,243<br><b>4.6%</b> | 2,606<br><b>3.0%</b> | 2,606<br><b>2.9%</b> |     |
| Persons w/Homelessness                         |        |             |             |             |                    | <b>2.1</b> /6      |        |      | 6.0%        |                      | <b>5.8%</b><br>806 | <b>5.7%</b><br>851 | <b>4.0%</b><br>663   |                      |                      |     |
|  | 30     | 33          | 36          | 46          | 34                 |                    | 19     |      | 714         | 731                  |                    |                    |                      | 359                  | 351                  |     |
| Total persons                                  | 513    | 564         | 620         | 647         | 601                | 514                | 552    |      | 11,952      | 12,861               | 13,932             | 14,847             | 14,405               | 12,112               | 12,221               |     |
| White Only w/Homelessness                      | 5.0%   | 4.8%        | 5.5%        | 5.8%        | 4.9%               | 3.2%               | 3.5%   |      | <b>7.0%</b> | <b>6.7%</b>          | <b>6.9%</b>        | <b>7.1%</b>        | 6.1%                 | 3.8%                 | 3.9%                 |     |
| Persons w/Homelessness                         | 443    | 429         | 525         | 596         | 480                | 239                | 262    |      | 5,533       | 5,323                | 5,752              | 6,158              | 4,973                | 2,340                | 2,341                |     |
| Total persons                                  | 8,880  | 8,988       | 9,598       | 10,245      | 9,880              | 7,414              | 7,426  |      | 78,533      | 80,029               | 82,980             | 86,371             | 80,978               | 60,981               | 59,899               |     |
| Any Minority w/Homelessness                    | 7.8%   | 6.5%        | 7.0%        | 8.1%        | 6.9%               | 3.7%               | 4.1%   |      | 10.4%       | 9.7%                 | 9.7%               | 9.5%               | 8.0%                 | 4.9%                 | 4.8%                 |     |
| Persons w/Homelessness                         | 204    | 179         | 211         | 257         | 216                | 94                 | 105    |      | 4,648       | 4,492                | 4,746              | 4,908              | 3,956                | 1,967                | 1,906                |     |
| Total persons                                  | 2,614  | 2,760       | 3,007       | 3,174       | 3,151              | 2,545              | 2,574  | _    | 44,553      | 46,500               | 49,152             | 51,746             | 49,612               | 39,746               | 39,447               |     |
| Population by Gender<br>Females w/Homelessness | 3.6%   | 3.3%        | 3.7%        | 4.5%        | 3.7%               | 2.4%               | 2.7%   |      | 5.2%        | 4.9%                 | 5.1%               | 5.2%               | 4.4%                 | 3.0%                 | 3.0%                 |     |
| Persons w/Homelessness                         |        |             |             |             |                    | <b>2.4%</b><br>117 |        |      |             |                      | 3,313              |                    |                      |                      |                      |     |
| Total persons                                  | 202    | 194         | 225         | 289         | 231                |                    | 130    |      | 3,220       | 3,083                |                    | 3,523              | 2,786                | 1,503                | 1,447                |     |
| Males w/Homelessness                           | 5,640  | 5,805       | 6,153       | 6,492       | 6,197              | 4,817              | 4,767  |      | 61,618      | 63,257               | 65,436             | 67,598             | 63,423               | 49,480               | 48,350               |     |
| -  | 7.5%   | 6.8%        | 7.7%        | 8.0%        | 6.7%               | 4.1%               | 4.4%   |      | 11.1%       | 10.4%                | 10.5%              | 10.5%              | 9.0%                 | 5.4%                 | 5.4%                 |     |
| Persons w/Homelessness                         | 447    | 416         | 511         | 566         | 470                | 219                | 238    |      | 7,031       | 6,782                | 7,240              | 7,612              | 6,209                | 2,841                | 2,831                |     |



# **Homelessness Rates**

Among Medicaid-Disabled Youth and Adults, by County

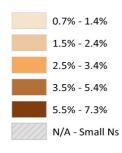
#### **MARCH 2017**

# **SFY 2016**

#### INDICATOR

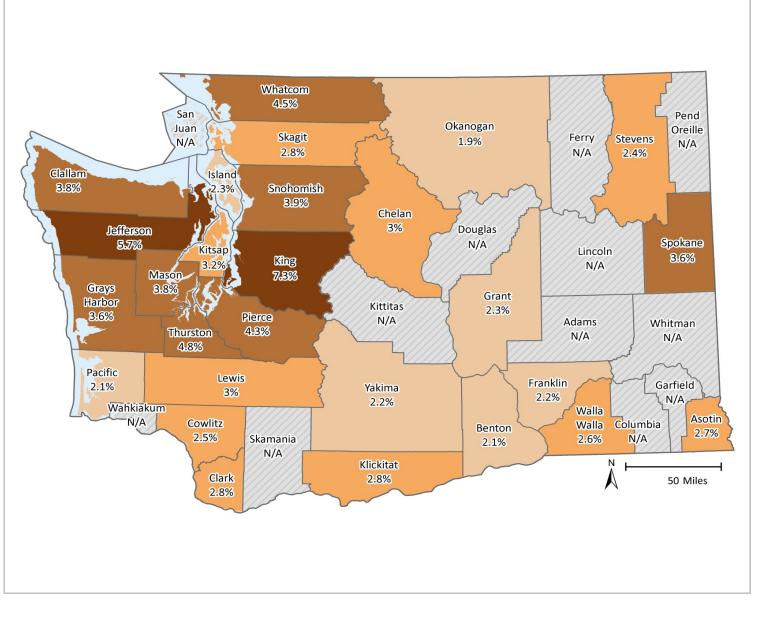
Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

### 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.

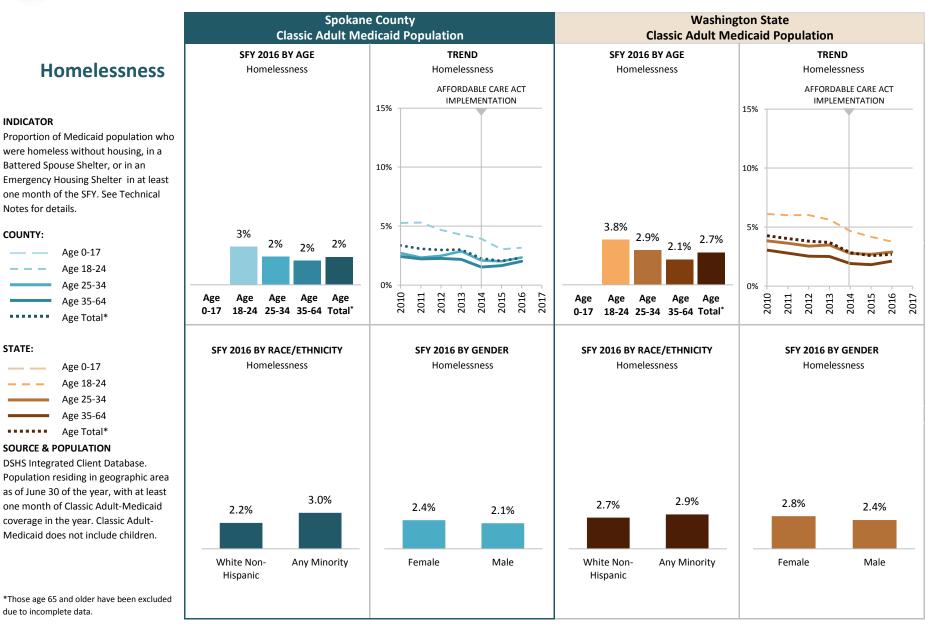




## Behavioral Health Treatment Needs and Outcomes

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|                                       |                      |                    |                    |              | ORTING      | 5 TABLE             | S Hor             | neless                               | ness        |                      |                        |                       |                       |             |                       |      |  |
|---------------------------------------|----------------------|--------------------|--------------------|--------------|-------------|---------------------|-------------------|--------------------------------------|-------------|----------------------|------------------------|-----------------------|-----------------------|-------------|-----------------------|------|--|
|                                       |                      |                    |                    | Spokane      |             |                     |                   | Washington State Medicaid Population |             |                      |                        |                       |                       |             |                       |      |  |
|                                       |                      | C                  | lassic Ac          | lult Med     | icaid Pop   | oulation            |                   |                                      |             | C                    | Classic Ad             | dult Med              | licaid Pop            | ulation     |                       |      |  |
| STATE FISCAL YEAR                     |                      |                    |                    |              |             |                     |                   |                                      |             |                      |                        |                       |                       |             |                       |      |  |
| Population by Age                     | 2010                 | 2011               | 2012               | 2013         | 2014        | 2015                | 2016              | 2017                                 | 2010        | 2011                 | 2012                   | 2013                  | 2014                  | 2015        | 2016                  | 2017 |  |
| Age 0-17 w/Homelessness               |                      |                    |                    |              |             |                     |                   |                                      |             |                      |                        |                       |                       |             |                       |      |  |
| Persons w/Homelessness                |                      |                    |                    |              |             |                     |                   |                                      |             |                      |                        |                       |                       |             |                       |      |  |
| Total persons                         |                      |                    |                    |              |             |                     |                   |                                      |             |                      |                        |                       |                       |             |                       |      |  |
| Age 18-24 w/Homelessness              | 5.3%                 | 5.3%               | 4.7%               | 4.3%         | 3.9%        | 3.0%                | 3.2%              |                                      | 6.1%        | 6.0%                 | 6.0%                   | 5.6%                  | 4.7%                  | 4.2%        | 3.8%                  |      |  |
| Persons w/Homelessness                | 279                  | 269                | 226                | 192          | 155         | 96                  | 85                |                                      | 3,283       | 3,200                | 3,031                  | 2,635                 | 1,962                 | 1,451       | 1,127                 |      |  |
| Total persons                         | 5,285                | 5,075              | 4,832              | 4,491        | 3,943       | 3,162               | 2,678             |                                      | 53,642      | 53,226               | 50,282                 | 46,798                | 42,062                | 34,728      | 29,874                |      |  |
| Age 25-34 w/Homelessness              | 2.7%                 | 2.3%               | 2.5%               | 2.9%         | 2.1%        | 2.0%                | 2.3%              |                                      | 3.8%        | 3.6%                 | 3.4%                   | 3.5%                  | 2.8%                  | 2.7%        | 2.9%                  |      |  |
| Persons w/Homelessness                | 225                  | 206                | 217                | 249          | 189         | 182                 | 200               |                                      | 3,049       | 3,082                | 2,894                  | 2,965                 | 2,487                 | 2,464       | 2,526                 |      |  |
| Total persons                         | 8,291                | 8,815              | 8,730              | 8,668        | 9,034       | 9,012               | 8,529             |                                      | 79,426      | 84,872               | 85,154                 | 84,954                | 89,881                | 91,384      | 87,322                |      |  |
| Age 35-64 w/Homelessness              | 2.4%                 | 2.2%               | 2.3%               | 2.2%         | 1.5%        | 1.7%                | 2.0%              |                                      | 3.1%        | 2.8%                 | 2.5%                   | 2.5%                  | 1.9%                  | 1.8%        | 2.1%                  |      |  |
| Persons w/Homelessness                | 120                  | 120                | 123                | 119          | 103         | 123                 | 152               |                                      | 1,653       | 1,629                | 1,522                  | 1,522                 | 1,475                 | 1,579       | 1,811                 |      |  |
| Total persons                         | 4,950                | 5,399              | 5,440              | 5,461        | 6,705       | 7,406               | 7,530             |                                      | 54,048      | 58,368               | 59,987                 | 60,533                | 77,257                | 86,785      | 85,486                |      |  |
| Age Total <sup>†</sup> w/Homelessness | 3.4%                 | 3.1%               | 3.0%               | 3.0%         | 2.3%        | 2.0%                | 2.3%              |                                      | 4.3%        | 4.0%                 | 3.8%                   | 3.7%                  | 2.8%                  | 2.6%        | 2.7%                  |      |  |
| Persons w/Homelessness                | 624                  | 595                | 566                | 560          | 447         | 401                 | 437               |                                      | 7,985       | 7,911                | 7,447                  | 7,122                 | 5,924                 | 5,494       | 5,464                 |      |  |
| Total persons                         | 18,526               | 19,289             | 19,002             | 18,620       | 19,682      | 19,580              | 18,737            |                                      | 187,116     | 196,466              | 195,423                | 192,285               | 209,200               | 212,897     | 202,682               |      |  |
| Population by Race-Ethnicity          |                      |                    |                    |              |             |                     |                   |                                      |             |                      |                        |                       |                       |             |                       |      |  |
| Amer Indian w/Homelessness            | 4.9%                 | 5.9%               | 6.0%               | 5.0%         | 3.5%        | 3.6%                | 3.9%              |                                      | 7.0%        | 6.7%                 | 6.5%                   | 6.1%                  | 5.0%                  | 5.0%        | 5.2%                  |      |  |
| Persons w/Homelessness                | 83                   | 105                | 108                | 86           | 58          | 55                  | 55                |                                      | 1,102       | 1,082                | 1,027                  | 950                   | 769                   | 742         | 711                   |      |  |
| Total persons                         | 1,685                | 1,768              | 1,804              | 1,734        | 1,650       | 1,527               | 1,414             |                                      | 15,724      | 16,055               | 15,880                 | 15,536                | 15,526                | 14,748      | 13,780                |      |  |
| Asian w/Homelessness                  | 2.5%                 |                    |                    |              | 1.9%        |                     | 1.8%              |                                      | 3.1%        | 3.0%                 | 2.8%                   | 2.6%                  | 1.9%                  | 1.5%        | 1.6%                  |      |  |
| Persons w/Homelessness                | 12                   |                    |                    |              | 12          |                     | 11                |                                      | 274         | 293                  | 294                    | 275                   | 249                   | 210         | 216                   |      |  |
| Total persons                         | 475                  | 524                | 534                | 558          | 629         | 628                 | 598               |                                      | 8,946       | 9,857                | 10,383                 | 10,472                | 12,826                | 13,850      | 13,283                |      |  |
| Black w/Homelessness                  | 5.9%                 | 5.6%               | 5.1%               | 4.7%         | 4.3%        | 3.8%                | 4.0%              |                                      | 8.6%        | 7.5%                 | 7.1%                   | 6.6%                  | 5.5%                  | 5.3%        | 5.3%                  |      |  |
| Persons w/Homelessness                | 59                   | 58                 | 55                 | 50           | 48          | 40                  | 42                |                                      | 1,764       | 1,648                | 1,587                  | 1,491                 | 1,272                 | 1,199       | 1,124                 |      |  |
| Total persons                         | 996                  | 1,042              | 1,071              | 1,071        | 1,125       | 1,065               | 1,059             |                                      | 20,472      | 22,019               | 22,359                 | 22,509                | 23,300                | 22,608      | 21,247                |      |  |
| Hawaiian/PI w/Homelessness            | 4.7%                 |                    | 3.4%               |              |             |                     | 2.3%              |                                      | 4.1%        | 3.9%                 | 3.8%                   | 3.2%                  | 2.6%                  | 2.4%        | 2.9%                  |      |  |
| Persons w/Homelessness                | 13                   |                    | 12                 |              |             |                     | 13                |                                      | 272         | 281                  | 294                    | 256                   | 238                   | 239         | 278                   |      |  |
| Total persons                         | 275                  | 317                | 348                | 374          | 543         | 598                 | 563               |                                      | 6,597       | 7,206                | 7,668                  | 8,012                 | 9,280                 | 10,049      | 9,680                 |      |  |
| Hispanic w/Homelessness               | 3.6%                 | 3.7%               | 2.8%               | 2.5%         | 2.0%        | 2.0%                | 3.4%              |                                      | 3.2%        | 2.9%                 | 2.8%                   | 2.7%                  | 1.8%                  | 1.8%        | 1.8%                  |      |  |
| Persons w/Homelessness                | 43                   | 47                 | 38                 | 33           | 29          | 30                  | 49                |                                      | 895         | 876                  | 882                    | 836                   | 674                   | 683         | 646                   |      |  |
| Total persons                         | 1,191                | 1,287              | 1,338              | 1,346        | 1,475       | 1,492               | 1,438             |                                      | 27,981      | 30,192               | 31,042                 | 31,071                | 36,696                | 38,578      | 36,904                |      |  |
| White Only w/Homelessness             | 3.2%                 | 2.8%               | 2.7%               | 2.9%         | 2.2%        | 2.0%                | 2.2%              |                                      | 3.9%        | 3.8%                 | 3.5%                   | 3.5%                  | 2.8%                  | 2.5%        | <b>2.7%</b>           |      |  |
| Persons w/Homelessness                | 439                  | 402                | 378                | 402          | 322         | 285                 | 297               |                                      | 4,235       | 4,269                | 3,934                  | 3,874                 | 3,209                 | 2,927       | 2,952                 |      |  |
| Total persons                         | 13,871               | 14,400             | 14,054             | 13,708       | 14,448      | 14,373              | 13,674            |                                      | 109,240     | 113,562              | 111,810                | 109,193               | 116,622               | 117,491     | 111,271               |      |  |
| Any Minority w/Homelessness           | 4.4%                 | <b>4.2%</b>        | <b>4.1%</b>        | <b>3.5%</b>  | 2.6%        | <b>2.4%</b>         | <b>3.0%</b>       |                                      | <b>5.1%</b> | <b>4.7%</b>          | 4.4%                   | <b>4.1%</b>           | 3.1%                  | 2.8%        | 2.9%                  |      |  |
| Persons w/Homelessness                | <b>4.476</b><br>181  | 186                | 184                | 156          | 123         | 113                 | 137               |                                      | 3,653       | <b>4.77</b><br>3,553 | <b>4.4</b> 70<br>3,441 | <b>4.178</b><br>3,195 | 2,679                 | 2,531       | 2,482                 |      |  |
| Total persons                         | 4,151                | 4,399              | 4,503              | 4,505        | 4,804       | 4,720               | 4,521             |                                      | 71,412      | 5,555<br>76,204      | 5,441<br>77,640        | 77,666                | 2,079<br>87,020       | 89,353      | 2,482<br>84,953       |      |  |
| Population by Gender                  | 4,131                | 4,333              | 4,303              | 4,505        | 4,004       | 4,720               | 4,321             |                                      | / 1,412     | 70,204               | 77,040                 | 77,000                | 07,020                | 65,555      | 04,300                |      |  |
| Females w/Homelessness                | 3.1%                 | 2.8%               | 2.7%               | 2.7%         | 2.2%        | 2.1%                | 2.4%              |                                      | 4.1%        | 3.8%                 | 3.6%                   | 3.5%                  | 2.8%                  | 2.7%        | 2.8%                  |      |  |
| Persons w/Homelessness                | 419                  | 397                | 371                | 368          | 320         | 305                 | 338               |                                      | 5,894       | 5,785                | 5,485                  | 5,290                 | 4,512                 | 4,436       | 4,396                 |      |  |
| Total persons                         | 13,719               | 14,123             | 13,997             | 13,795       | 14,561      | 14,687              | 14,122            |                                      | 145,117     | 150,966              | 150,554                | 149,017               | 160,506               | 165,344     | 158,994               |      |  |
| Males w/Homelessness                  | 4.3%                 | <b>3.8%</b>        | <b>3.9%</b>        | <b>4.0%</b>  | <b>2.5%</b> | <b>2.0%</b>         | <b>2.1%</b>       |                                      | <b>5.0%</b> | <b>4.7%</b>          | <b>4.4%</b>            | <b>4.2%</b>           | <b>2.9%</b>           | <b>2.2%</b> | <b>2.4%</b>           |      |  |
| Persons w/Homelessness                | <b>4.3</b> /8<br>205 | <b>3.07</b><br>198 | <b>3.9%</b><br>195 | <b>4.0</b> % | 127         | <b>2.0</b> /8<br>96 | <b>2.1%</b><br>99 |                                      | 2,091       | <b>4.77</b><br>2,126 | <b>4.476</b><br>1,962  | <b>4.276</b><br>1,832 | <b>2.976</b><br>1,412 | 1,058       | <b>2.4/6</b><br>1,068 |      |  |
| Total persons                         | 4,807                | 5,166              | 5,005              | 4,825        |             |                     |                   |                                      | 41,999      |                      |                        |                       | 48,694                |             |                       |      |  |
|                                       | 4,807                | 5,100              | 5,005              | 4,823        | 5,121       | 4,893               | 4,615             |                                      | 41,999      | 45,500               | 44,869                 | 43,268                | 48,094                | 47,553      | 43,688                |      |  |

### SUPPORTING TABLES | Homelessness



# **Homelessness Rates**

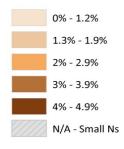
Among Medicaid-Classic Adults, by County

# SFY 2016

#### INDICATOR

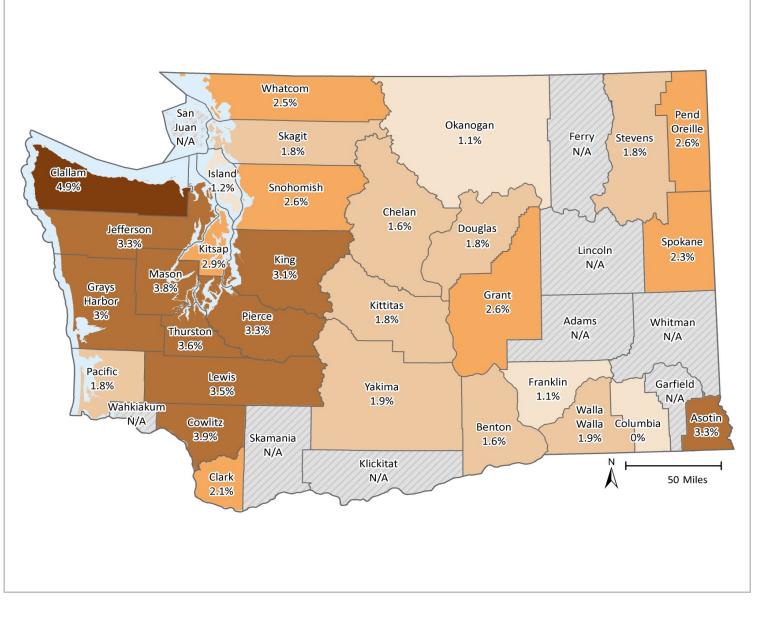
Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

### 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.





INDICATOR

Notes for details.

Age 0-17

Age 0-17

COUNTY:

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due to incomplete data.

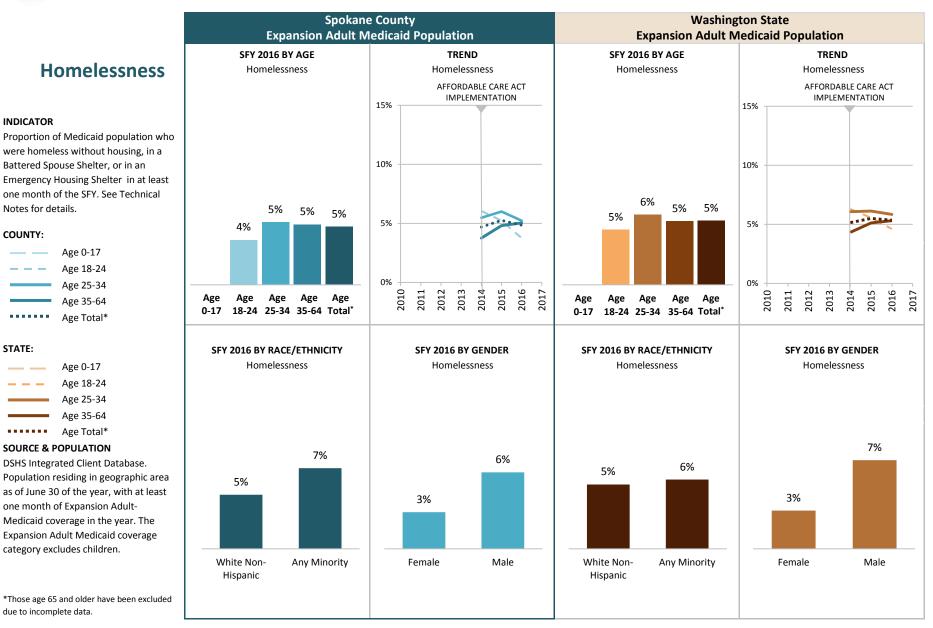
STATE:

# **Spokane County**

## **Behavioral Health Treatment Needs and Outcomes**

**MARCH 2017** 

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#### DSHS | Services and Enterprise Support Administration | Research and Data Analysis Division

|                                       |      |      |           |          |          | JABLE    |        | neless | ness |      |           |          |           |          |         |      |
|---------------------------------------|------|------|-----------|----------|----------|----------|--------|--------|------|------|-----------|----------|-----------|----------|---------|------|
|                                       |      |      |           | pokane   |          |          |        |        |      | Was  | shington  | State M  | edicaid F | opulatio | n       |      |
|                                       |      | Exp  | oansion A | Adult Me | dicaid P | opulatio | n      |        |      | Exp  | pansion / | Adult Me | dicaid P  | opulatio | n       |      |
| STATE FISCAL YEAR                     |      |      |           |          |          |          |        |        |      |      |           |          |           |          |         |      |
| Population by Age                     | 2010 | 2011 | 2012      | 2013     | 2014     | 2015     | 2016   | 2017   | 2010 | 2011 | 2012      | 2013     | 2014      | 2015     | 2016    | 2017 |
| Age 0-17 w/Homelessness               |      |      |           |          |          |          |        |        |      |      |           |          |           |          |         |      |
| Persons w/Homelessness                |      |      |           |          |          |          |        |        |      |      |           |          |           |          |         |      |
| Total persons                         |      |      |           |          |          |          |        |        |      |      |           |          |           |          |         |      |
| Age 18-24 w/Homelessness              |      |      |           |          | 6.0%     | 5.2%     | 3.8%   |        |      |      |           |          | 6.3%      | 5.6%     | 4.6%    |      |
| Persons w/Homelessness                |      |      |           |          | 335      | 493      | 422    |        |      |      |           |          | 3,773     | 5,743    | 5,513   |      |
| Total persons                         |      |      |           |          | 5,538    | 9,433    | 11,249 |        |      |      |           |          | 59,852    | 103,457  | 119,804 |      |
| Age 25-34 w/Homelessness              |      |      |           |          | 5.5%     | 6.0%     | 5.2%   |        |      |      |           |          | 6.1%      | 6.1%     | 5.8%    |      |
| Persons w/Homelessness                |      |      |           |          | 494      | 957      | 982    |        |      |      |           |          | 6,217     | 10,847   | 11,965  |      |
| Total persons                         |      |      |           |          | 9,037    | 15,949   | 18,783 |        |      |      |           |          | 102,393   | 177,330  | 204,738 |      |
| Age 35-64 w/Homelessness              |      |      |           |          | 3.8%     | 4.8%     | 5.0%   |        |      |      |           |          | 4.3%      | 5.1%     | 5.3%    |      |
| Persons w/Homelessness                |      |      |           |          | 581      | 1,232    | 1,434  |        |      |      |           |          | 8,580     | 16,260   | 18,337  |      |
| Total persons                         |      |      |           |          | 15,482   | 25,628   | 28,450 |        |      |      |           |          | 198,262   | 317,159  | 345,171 |      |
| Age Total <sup>†</sup> w/Homelessness |      |      |           |          | 4.7%     | 5.3%     | 4.9%   |        |      |      |           |          | 5.2%      | 5.5%     | 5.3%    |      |
| Persons w/Homelessness                |      |      |           |          | 1,410    | 2,682    | 2,838  |        |      |      |           |          | 18,570    | 32,850   | 35,815  |      |
| Total persons                         |      |      |           |          | 30,057   | 51,010   | 58,482 |        |      |      |           |          | 360,507   | 597,946  | 669,713 |      |
| Population by Race-Ethnicity          |      |      |           |          |          |          |        |        |      |      |           |          |           |          |         |      |
| Amer Indian w/Homelessness            |      |      |           |          | 10.3%    | 12.9%    | 10.4%  |        |      |      |           |          | 12.2%     | 12.2%    | 11.4%   |      |
| Persons w/Homelessness                |      |      |           |          | 164      | 375      | 366    |        |      |      |           |          | 2,051     | 3,694    | 4,036   |      |
| Total persons                         |      |      |           |          | 1,593    | 2,910    | 3,513  |        |      |      |           |          | 16,783    | 30,399   | 35,266  |      |
| Asian w/Homelessness                  |      |      |           |          | 2.4%     | 2.8%     | 2.3%   |        |      |      |           |          | 1.8%      | 2.2%     | 2.3%    |      |
| Persons w/Homelessness                |      |      |           |          | 25       | 46       | 42     |        |      |      |           |          | 603       | 1,076    | 1,179   |      |
| Total persons                         |      |      |           |          | 1,060    | 1,616    | 1,802  |        |      |      |           |          | 32,924    | 48,483   | 51,833  |      |
| Black w/Homelessness                  |      |      |           |          | 10.2%    | 11.0%    | 8.8%   |        |      |      |           |          | 12.1%     | 12.3%    | 10.9%   |      |
| Persons w/Homelessness                |      |      |           |          | 132      | 272      | 260    |        |      |      |           |          | 3,422     | 6,039    | 6,113   |      |
| Total persons                         |      |      |           |          | 1,298    | 2,464    | 2,940  |        |      |      |           |          | 28,284    | 49,017   | 56,142  |      |
| Hawaiian/PI w/Homelessness            |      |      |           |          | 4.4%     | 3.6%     | 3.6%   |        |      |      |           |          | 4.2%      | 4.5%     | 4.3%    |      |
| Persons w/Homelessness                |      |      |           |          | 25       | 35       | 37     |        |      |      |           |          | 485       | 910      | 1,009   |      |
| Total persons                         |      |      |           |          | 565      | 977      | 1,036  |        |      |      |           |          | 11,451    | 20,416   | 23,467  |      |
| Hispanic w/Homelessness               |      |      |           |          | 4.1%     | 4.6%     | 5.1%   |        |      |      |           |          | 3.4%      | 3.8%     | 3.7%    |      |
| Persons w/Homelessness                |      |      |           |          | 79       | 155      | 205    |        |      |      |           |          | 1,765     | 3,189    | 3,556   |      |
| Total persons                         |      |      |           |          | 1,917    | 3,353    | 4,051  |        |      |      |           |          | 52,399    | 84,681   | 96,834  |      |
| White Only w/Homelessness             |      |      |           |          | 4.4%     | 4.8%     | 4.5%   |        |      |      |           |          | 5.1%      | 5.4%     | 5.4%    |      |
| Persons w/Homelessness                |      |      |           |          | 1,025    | 1,895    | 2,016  |        |      |      |           |          | 11,159    | 19,614   | 21,643  |      |
| Total persons                         |      |      |           |          | 23,439   | 39,314   | 44,652 |        |      |      |           |          | 216,846   | 361,260  | 402,225 |      |
| Any Minority w/Homelessness           |      |      |           |          | 6.5%     | 7.5%     | 6.7%   |        |      |      |           |          | 5.6%      | 6.1%     | 5.8%    |      |
| Persons w/Homelessness                |      |      |           |          | 378      | 770      | 809    |        |      |      |           |          | 7,289     | 12,988   | 13,857  |      |
| Total persons                         |      |      |           |          | 5,841    | 10,214   | 12,003 |        |      |      |           |          | 130,167   | 212,403  | 239,488 |      |
| Population by Gender                  |      |      |           |          | 2,012    | ,        | ,305   |        |      |      |           |          |           | ,        |         |      |
| Females w/Homelessness                |      |      |           |          | 2.7%     | 3.2%     | 3.1%   |        |      |      |           |          | 2.9%      | 3.2%     | 3.2%    |      |
| Persons w/Homelessness                |      |      |           |          | 392      | 784      | 852    |        |      |      |           |          | 5,268     | 9,395    | 10,502  |      |
| Total persons                         |      |      |           |          | 14,554   | 24,194   | 27,642 |        |      |      |           |          | 179,152   | 292,424  | 328,130 |      |
| Males w/Homelessness                  |      |      |           |          | 6.6%     | 7.1%     | 6.4%   |        |      |      |           |          | 7.3%      | 7.7%     | 7.4%    |      |
| Persons w/Homelessness                |      |      |           |          | 1,018    | 1,898    | 1,986  |        |      |      |           |          | 13,302    | 23,455   | 25,313  |      |
| Total persons                         |      |      |           |          | 15,503   | 26,816   | 30,840 |        |      |      |           |          | 181,355   | 305,522  | 341,583 |      |



# **Homelessness Rates**

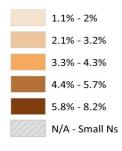
Among Medicaid-Expansion Adults, by County

# SFY 2016

#### INDICATOR

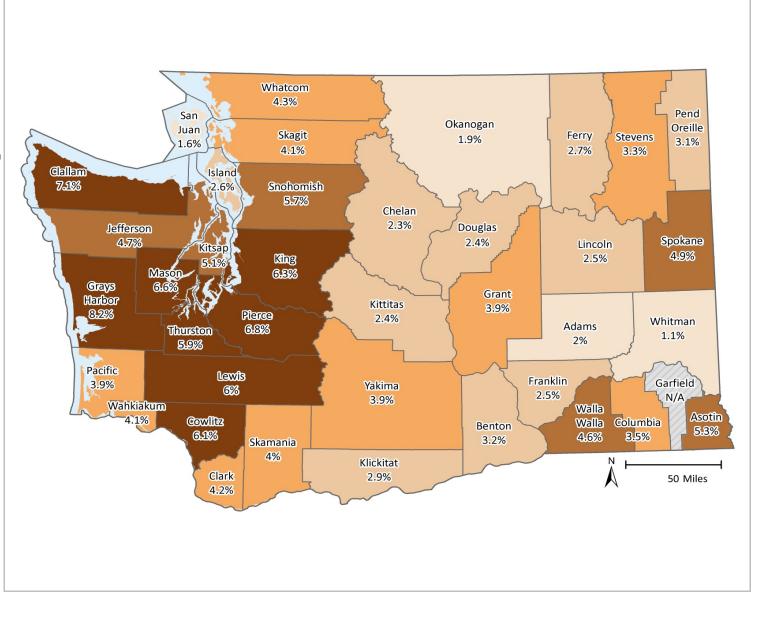
Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

### Percent of Medicaid-Expansion Adults with Homelessness



#### SOURCE & POPULATION

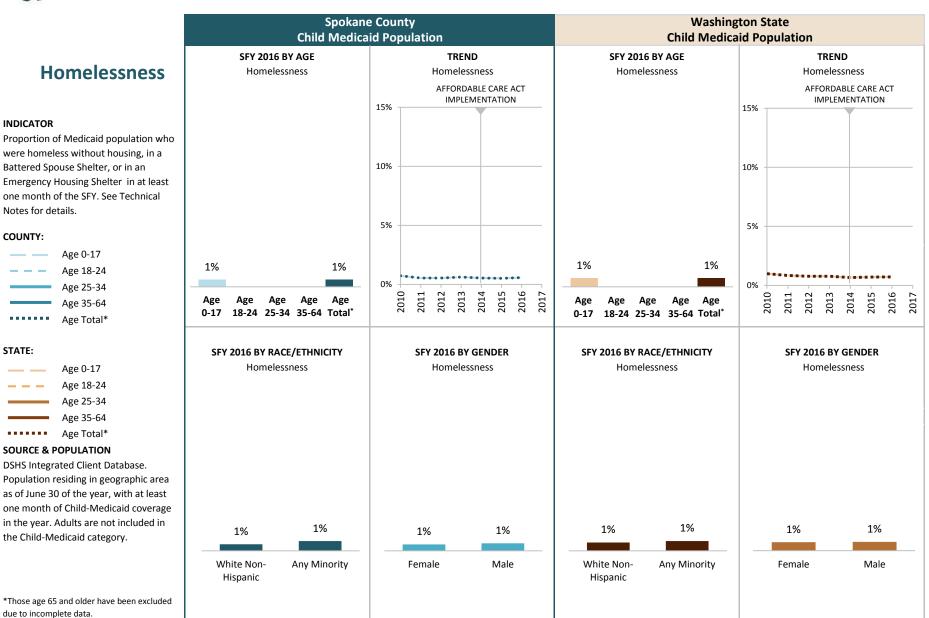
DSHS Integrated Client Database. Population residing in geographic area as of June 30 of the year, with at least one month of Expansion Adult-Medicaid coverage in the year. The Expansion Adult Medicaid coverage category excludes children.





## Behavioral Health Treatment Needs and Outcomes

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|                                       |        |        |        | SUPP               | ORTIN              | g table | ES   Hoi | neless | sness   |         |         |          |                         |         |         |      |
|---------------------------------------|--------|--------|--------|--------------------|--------------------|---------|----------|--------|---------|---------|---------|----------|-------------------------|---------|---------|------|
|                                       |        |        |        | Spokane<br>Medicai | County<br>d Popula | tion    |          |        |         | Wa      | -       |          | ledicaid P<br>d Populat | -       | on      |      |
| STATE FISCAL YEAR                     |        |        | Ciliiu | Ivieurcan          | u Popula           | tion    |          |        |         |         | Cillia  | Wieulcar | u ropula                |         |         |      |
| Population by Age                     | 2010   | 2011   | 2012   | 2013               | 2014               | 2015    | 2016     | 2017   | 2010    | 2011    | 2012    | 2013     | 2014                    | 2015    | 2016    | 2017 |
| Age 0-17 w/Homelessness               | 0.7%   | 0.5%   | 0.5%   | 0.6%               | 0.5%               | 0.5%    | 0.6%     |        | 1.0%    | 0.8%    | 0.8%    | 0.8%     | 0.7%                    | 0.7%    | 0.7%    |      |
| Persons w/Homelessness                | 355    | 276    | 285    | 331                | 304                | 293     | 356      |        | 6,131   | 5,544   | 5,185   | 5,267    | 4,675                   | 5,146   | 5,507   |      |
| Total persons                         | 48,797 | 51,427 | 52,264 | 53,094             | 55,484             | 57,268  | 60,490   |        | 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 Total <sup>†</sup> w/Homelessness | 0.7%   | 0.5%   | 0.5%   | 0.6%               | 0.5%               | 0.5%    | 0.6%     |        | 1.0%    | 0.8%    | 0.8%    | 0.8%     | 0.7%                    | 0.7%    | 0.7%    |      |
| Persons w/Homelessness                | 355    | 276    | 285    | 331                | 304                | 293     | 356      |        | 6,131   | 5,544   | 5,185   | 5,267    | 4,675                   | 5,146   | 5,507   |      |
| Total persons                         | 48,797 | 51,427 | 52,264 | 53,094             | 55,484             | 57,268  | 60,490   |        | 622,410 | 654,270 | 667,876 | 675,849  | 709,246                 | 733,269 | 764,990 |      |
| Population by Race-Ethnicity          | 40,757 | 51,427 | 52,204 | 55,054             | 55,404             | 57,200  | 00,450   |        | 022,410 | 034,270 | 007,070 | 075,045  | 705,240                 | 755,205 | 704,550 |      |
| Amer Indian w/Homelessness            | 1.1%   | 1.1%   | 1.1%   | 1.2%               | 0.6%               | 0.6%    | 1.0%     |        | 1.7%    | 1.5%    | 1.3%    | 1.4%     | 1.2%                    | 1.2%    | 1.2%    |      |
| Persons w/Homelessness                | 46     | 47     | 44     | 49                 | 27                 | 24      | 39       |        | 709     | 599     | 553     | 583      | 478                     | 494     | 504     |      |
| Total persons                         | 4,014  | 4,137  | 4,127  | 4,217              | 4,202              | 4,099   | 4,087    |        | 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                         | 1,500  | 1,595  | 1,645  | 1,732              | 1,821              | 1,811   | 1,784    |        | 35,864  | 38,273  | 39,702  | 40,717   | 44,296                  | 45,512  | 46,040  |      |
| Black w/Homelessness                  | 1.2%   | 1.2%   | 1.1%   | 1.3%               | 1.0%               | 0.9%    | 1.0%     |        | 2.7%    | 2.3%    | 2.1%    | 2.1%     | 1.8%                    | 2.1%    | 2.0%    |      |
| Persons w/Homelessness                | 43     | 47     | 46     | 55                 | 42                 | 40      | 44       |        | 1,740   | 1,523   | 1,468   | 1,479    | 1,320                   | 1,524   | 1,518   |      |
| Total persons                         | 3,632  | 3,783  | 4,016  | 4,108              | 4,262              | 4,351   | 4,537    |        | 64,150  | 66,662  | 68,598  | 70,134   | 72,601                  | 74,010  | 75,736  |      |
| Hawaiian/PI w/Homelessness            | -,     | -,     | ,      | ,                  | , -                | ,       | 0.8%     |        | 1.2%    | 1.1%    | 1.0%    | 1.0%     | 0.8%                    | 0.8%    | 0.9%    |      |
| Persons w/Homelessness                |        |        |        |                    |                    |         | 17       |        | 299     | 289     | 271     | 288      | 233                     | 277     | 323     |      |
| Total persons                         | 1,063  | 1,403  | 1,560  | 1,667              | 1,799              | 1,971   | 2,092    |        | 23,961  | 26,357  | 27,977  | 29,142   | 30,854                  | 32,649  | 34,547  |      |
| Hispanic w/Homelessness               | 1.1%   | 0.7%   | 0.6%   | 0.7%               | 0.6%               | 0.7%    | 0.9%     |        | 0.7%    | 0.6%    | 0.5%    | 0.5%     | 0.5%                    | 0.5%    | 0.5%    |      |
| Persons w/Homelessness                | 46     | 33     | 30     | 33                 | 33                 | 38      | 54       |        | 1,258   | 1,268   | 1,075   | 1,059    | 997                     | 1,053   | 1,223   |      |
| Total persons                         | 4,289  | 4,561  | 4,761  | 4,975              | 5,383              | 5,773   | 6,022    |        | 189,491 | 198,644 | 204,066 | 208,176  | 215,914                 | 221,917 | 229,009 |      |
| White Only w/Homelessness             | 0.7%   | 0.4%   | 0.5%   | 0.5%               | 0.5%               | 0.5%    | 0.5%     |        | 0.9%    | 0.8%    | 0.7%    | 0.7%     | 0.6%                    | 0.7%    | 0.7%    |      |
| Persons w/Homelessness                | 227    | 160    | 177    | 194                | 199                | 182     | 215      |        | 2,365   | 2,088   | 1,994   | 2,037    | 1,848                   | 2,033   | 2,149   |      |
| Total persons                         | 34,215 | 35,587 | 35,713 | 35,874             | 37,268             | 37,908  | 39,188   |        | 262,296 | 273,199 | 276,905 | 277,210  | 292,559                 | 299,987 | 307,557 |      |
| Any Minority w/Homelessness           | 1.0%   | 0.8%   | 0.7%   | 0.9%               | 0.6%               | 0.7%    | 0.8%     |        | 1.1%    | 1.0%    | 0.9%    | 0.9%     | 0.7%                    | 0.8%    | 0.8%    |      |
| Persons w/Homelessness                | 124    | 105    | 102    | 129                | 98                 | 103     | 130      |        | 3,528   | 3,202   | 2,970   | 3,011    | 2,675                   | 2,943   | 3,156   |      |
| Total persons                         | 12,499 | 13,360 | 13,913 | 14,418             | 15,118             | 15,650  | 16,161   |        | 317,712 | 332,784 | 341,709 | 348,713  | 363,042                 | 372,845 | 383,534 |      |
| Population by Gender                  | ,      | -,     | -,     | , -                | -, -               | -,      | -, -     |        | - /     | ,-      | - ,     | , -      | ,-                      | - ,     | ,       |      |
| Females w/Homelessness                | 0.7%   | 0.6%   | 0.5%   | 0.6%               | 0.5%               | 0.5%    | 0.5%     |        | 1.0%    | 0.9%    | 0.8%    | 0.8%     | 0.7%                    | 0.7%    | 0.7%    |      |
| Persons w/Homelessness                | 171    | 140    | 133    | 164                | 132                | 140     | 161      |        | 3,042   | 2,793   | 2,593   | 2,601    | 2,332                   | 2,530   | 2,674   |      |
| Total persons                         | 24,048 | 25,226 | 25,595 | 25,888             | 27,127             | 27,942  | 29,545   |        | 307,470 | 322,864 | 329,266 | 332,856  | 349,317                 | 361,062 | 376,667 |      |
| Males w/Homelessness                  | 0.7%   | 0.5%   | 0.6%   | 0.6%               | 0.6%               | 0.5%    | 0.6%     |        | 1.0%    | 0.8%    | 0.8%    | 0.8%     | 0.7%                    | 0.7%    | 0.7%    |      |
| Persons w/Homelessness                | 184    | 136    | 152    | 167                | 172                | 153     | 195      |        | 3,089   | 2,751   | 2,592   | 2,666    | 2,343                   | 2,616   | 2,833   |      |
| Total persons                         | 24,749 | 26,201 | 26,669 | 27,206             | 28,357             | 29,326  | 30,945   |        | 314,940 | 331,406 | 338,610 | 342,993  | 359,929                 | 372,207 | 388,323 |      |
| P                                     | .,     | -,     | .,     | ,                  | -,                 | -,      | ,        | 1      | . ,     | ,       |         | . ,      | ,                       | - ,     |         |      |



# **Homelessness Rates**

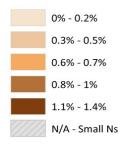
Among Medicaid-Children, by County

# SFY 2016

#### INDICATOR

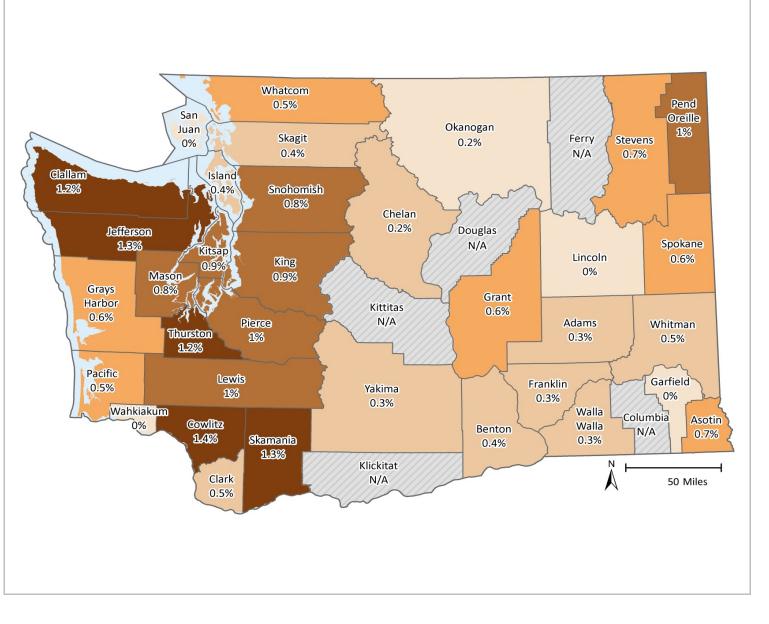
Proportion of Medicaid population who were homeless without housing, in a Battered Spouse Shelter, or in an Emergency Housing Shelter in at least one month of the SFY.

# Percent of Medicaid-Children with Homelessness



#### SOURCE & POPULATION

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



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# **Spokane County**

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**MARCH 2017** 

# **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 membermonths. 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.

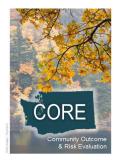
References: Jenks, G. F. & M. R. Coulson (1963) Class intervals for statistical maps. International Yearbook of Cartography, 3, 119-134.

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.

**Behavioral Health Treatment Needs and Outcomes** 

MARCH 2017



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