Healthier Washington Dashboard

Updated: 03/06/2017

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Agenda

HW Dashboard

Background

Audience

Use of Maps to Display Rates and Standardized Measure Comparisons

Process for Dashboard Development

Questions

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Healthier Washington: **Our mission**

Triple Aim:

Better health

Better care

Lower costs

Healthier Washington: **Our Goals**

Build healthier communities through a collaborative regional approach

- Support Accountable Communities of Health

- Use data to drive community decisions and identify community health disparities

Ensure health care focuses on the whole person

- Integrate physical and behavioral health care in regions as early as 2016, with statewide integration by 2020.

- Spread and sustain effective clinical models of integration.

- Make clinical and claims data available to securely share patient health information.

Improve how we pay for services

- Measure, improve and report common statewide performance measures.

- As purchaser for Apple Health and state employees, drive market toward value-based models.

Implementation tools: State Innovation Models Grant, State Funding, Federal Demonstration Waiver, Philanthropic Support
Legislative support: HB 2572, SB 6312

Healthier Washington: Our Strategies

Integrated physical and behavioral health

Value-based payment strategies

Accountable Communities of Health

Involving patients in their health decisions

Clinical practice transformation support

Analytics, Interoperability and Measurement

Quality $ Costs = Value

PRACTICE TRANSFORMATION

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HEALTHIER WASHINGTON DATA DASHBOARD

Support Washington's
community health transformation by building a regularly refreshed,
interactive dashboard tool

A business intelligence and analytics tool that is **interactive** and the information within it will be **regularly refreshed** to **monitor metric change over time**

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HW Audience Needs

Audience	Data/Information Needs	Purpose / Value
Public Health/Healthcare Professionals	• Absolute values (counts/rates) • Measure of variability (SD, SE) • Estimate of procedure reliability (CI) • Statistical significance (P value)	• Detailed analyses • Scientific rigger • High degree of certainty
Policy Makers/ACH Staff/Managed Care Organizations	• Relative values (> <) • Direction of change ($\uparrow\downarrow$) • Visually interpretable	• Raise awareness/spur action • Inform policy • Initiate investigations
Lay Public/Medicaid Enrollees	• Visually interpretable • Local geographical information	• Inform personal health decisions

HW Dashboard Data Ecosystem
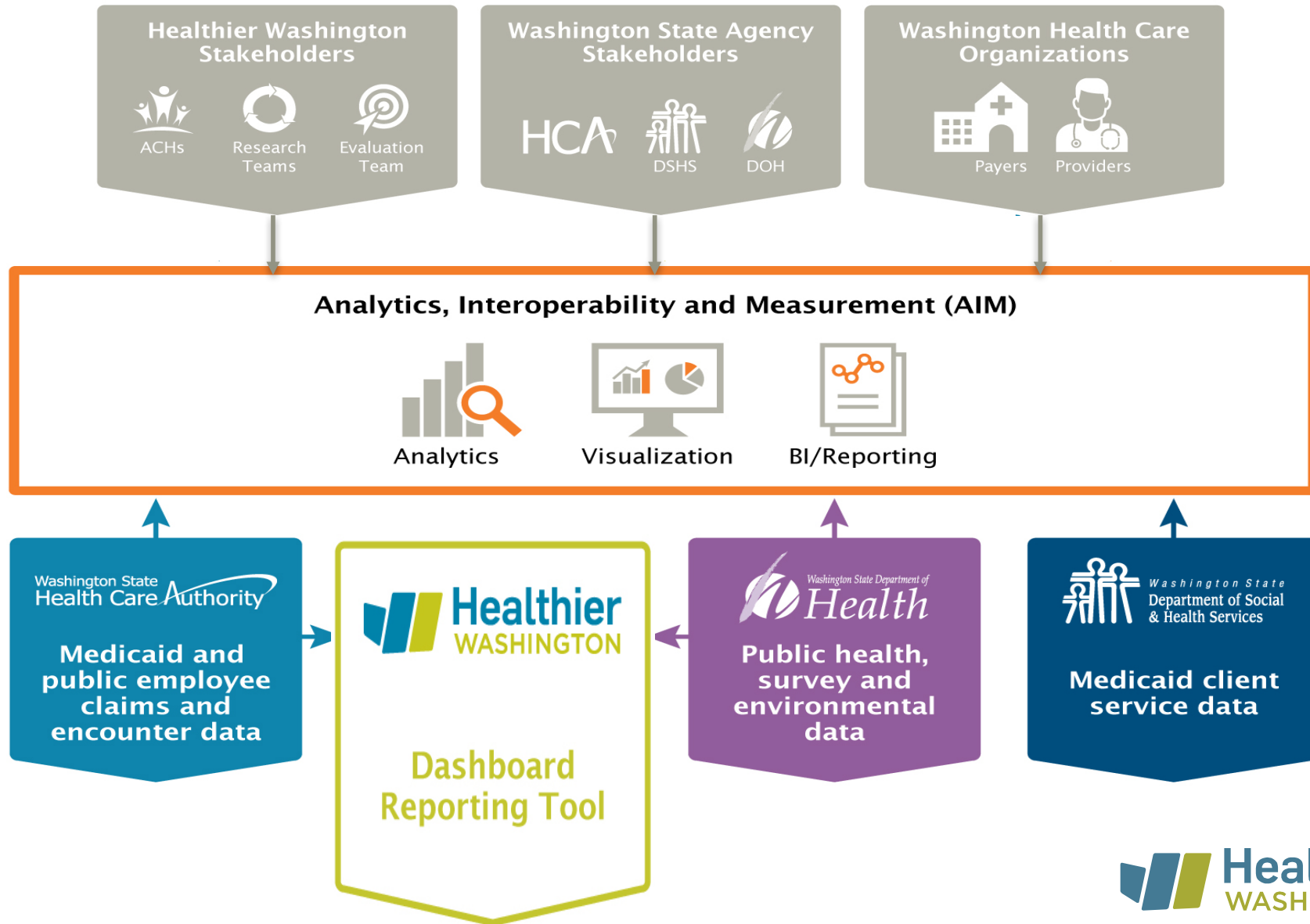
HEALTHIER WA DASHBOARDS - ABOUT THE DASHBOARDS

The third release of the Healthier WA Dashboards in March 2017 will include five distinct dashboards that allow regions to explore data on populations and measures for Washington State.

The five dashboards include:

Population Explorer
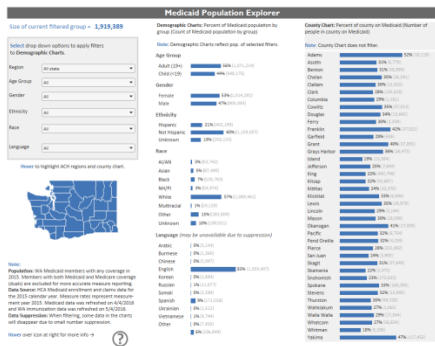
Measure Explorer
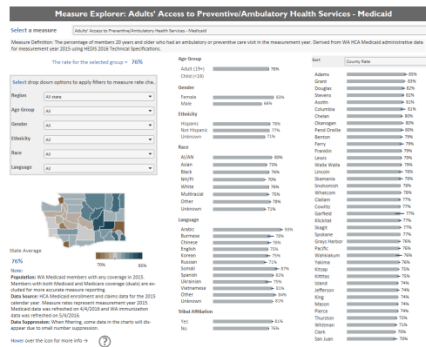
Measure Browser
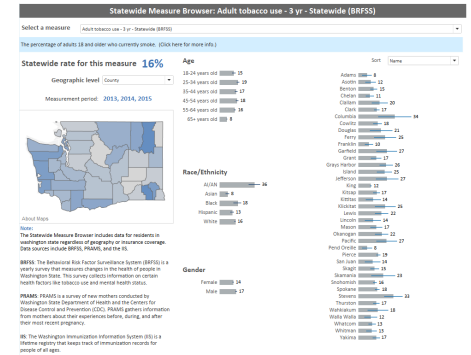
Measure Maps
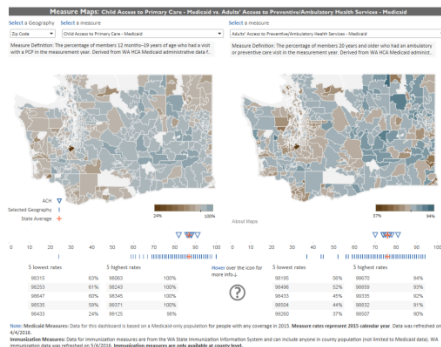
Measure Sets
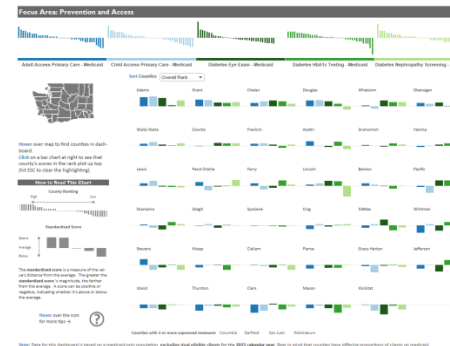
Future releases of the dashboards will contain "refreshed" data, additional measures, and dashboard features. Here's a closer look at each dashboard…

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POPULATION EXPLORER

This dashboard shows the number of Medicaid members living in the state of Washington. You can filter on ACH, county, adult/child, gender, race, ethnicity, and language.

What kind of questions can this dashboard answer?

Examples:

How many Hispanic children covered by Medicaid live in Yakima County? How does that compare to other counties?

- or -

What percent of the population in our county or ACH region is covered by Medicaid?

Medicaid Population Explorer

Size of current filtered group = **1,919,389**

Select drop down options to apply filters to **Demographic Charts**.

Region	All state ▼
Age Group	All ▼
Gender	All ▼
Ethnicity	All ▼
Race	All ▼
Language	All ▼

Hover to highlight ACH regions and county chart.

Note:
Population: WA Medicaid members with any coverage in 2015. Members with both Medicaid and Medicare coverage (duals) are excluded for more accurate measure reporting.
Data Source: HCA Medicaid enrollment and claims data for the 2015 calendar year. Measure rates represent measurement year 2015. Medicaid data was refreshed on 4/4/2016 and WA immunization data was refreshed on 5/4/2016.
Data Suppression: When filtering, some data in the charts will disappear due to small number suppression.
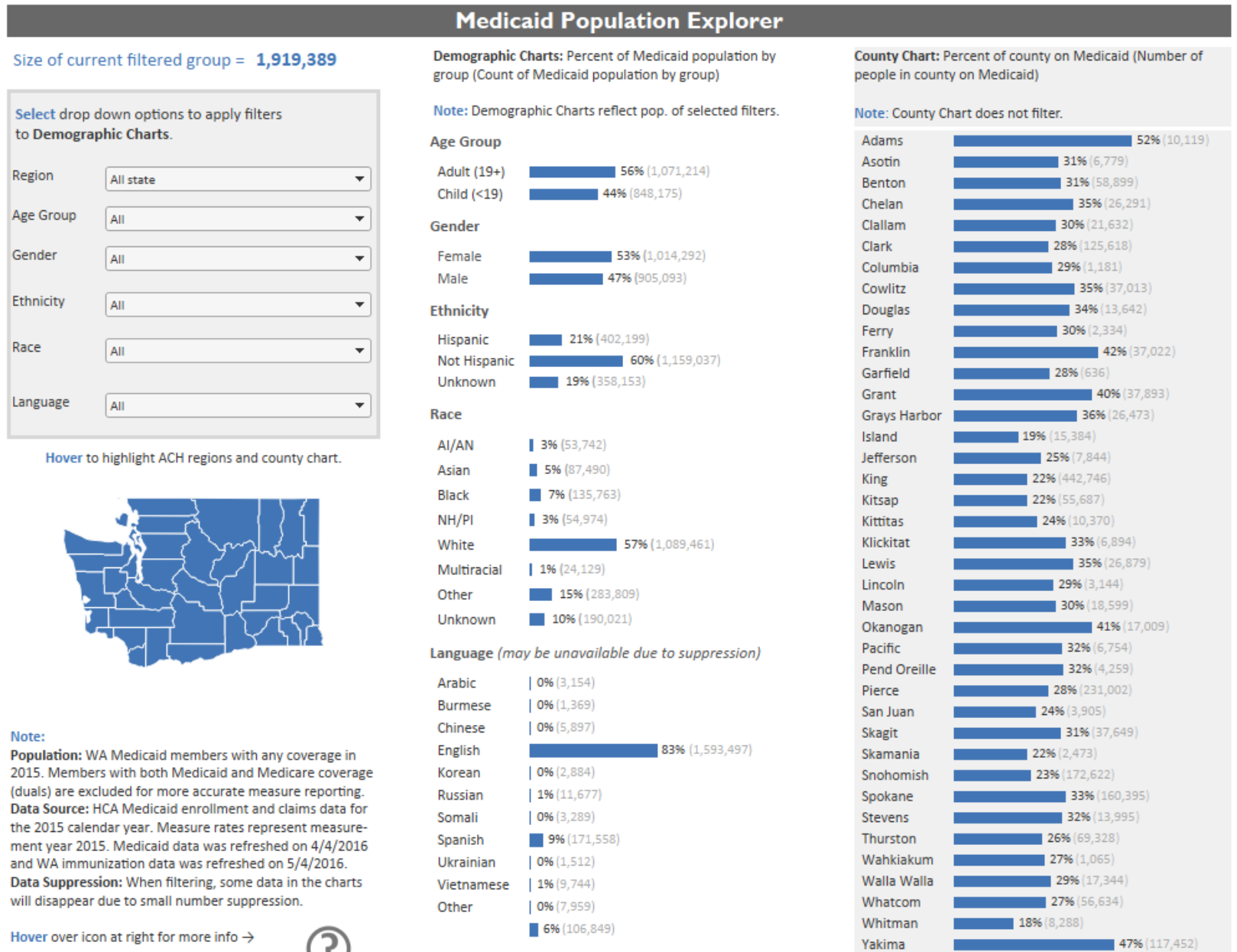
Hover over icon at right for more info → ?

Demographic Charts: Percent of Medicaid population by group (Count of Medicaid population by group)

Note: Demographic Charts reflect pop. of selected filters.

Age Group
- Adult (19+) 56% (1,071,214)
- Child (<19) 44% (848,175)

Gender
- Female 53% (1,014,292)
- Male 47% (905,093)

Ethnicity
- Hispanic 21% (402,199)
- Not Hispanic 60% (1,159,037)
- Unknown 19% (358,153)

Race
- AI/AN 3% (53,742)
- Asian 5% (87,490)
- Black 7% (135,763)
- NH/PI 3% (54,974)
- White 57% (1,089,461)
- Multiracial 1% (24,129)
- Other 15% (283,809)
- Unknown 10% (190,021)

Language *(may be unavailable due to suppression)*
- Arabic 0% (3,154)
- Burmese 0% (1,369)
- Chinese 0% (5,897)
- English 83% (1,593,497)
- Korean 0% (2,884)
- Russian 1% (11,677)
- Somali 0% (3,289)
- Spanish 9% (171,558)
- Ukrainian 0% (1,512)
- Vietnamese 1% (9,744)
- Other 0% (7,959)
-   6% (106,849)

County Chart: Percent of county on Medicaid (Number of people in county on Medicaid)

Note: County Chart does not filter.

County	Percent	Count
Adams	52%	(10,119)
Asotin	31%	(6,779)
Benton	31%	(58,899)
Chelan	35%	(26,291)
Clallam	30%	(21,632)
Clark	28%	(125,618)
Columbia	29%	(1,181)
Cowlitz	35%	(37,013)
Douglas	34%	(13,642)
Ferry	30%	(2,334)
Franklin	42%	(37,022)
Garfield	28%	(636)
Grant	40%	(37,893)
Grays Harbor	36%	(26,473)
Island	19%	(15,384)
Jefferson	25%	(7,844)
King	22%	(442,746)
Kitsap	22%	(55,687)
Kittitas	24%	(10,370)
Klickitat	33%	(6,894)
Lewis	35%	(26,879)
Lincoln	29%	(3,144)
Mason	30%	(18,599)
Okanogan	41%	(17,009)
Pacific	32%	(6,754)
Pend Oreille	32%	(4,259)
Pierce	28%	(231,002)
San Juan	24%	(3,905)
Skagit	31%	(37,649)
Skamania	22%	(2,473)
Snohomish	23%	(172,622)
Spokane	33%	(160,395)
Stevens	32%	(13,995)
Thurston	26%	(69,328)
Wahkiakum	27%	(1,065)
Walla Walla	29%	(17,344)
Whatcom	27%	(56,634)
Whitman	18%	(8,288)
Yakima	47%	(117,452)

MEASURE EXPLORER

This dashboard shows measure rates by geographic region (ACH, county) and demographics (adult/child, gender, race, ethnicity, language). Combine filters to see measure rates for specific populations.

What kind of questions can this dashboard answer?

Which populations have the highest and lowest rates of preventive diabetes care?

- or –

Are there differences in measure rates by county?

Measure Explorer: Adults' Access to Preventive/Ambulatory Health Services - Medicaid

Select a measure — Adults' Access to Preventive/Ambulatory Health Services - Medicaid

Measure Definition: The percentage of members 20 years and older who had an ambulatory or preventive care visit in the measurement year. Derived from WA HCA Medicaid administrative data for measurement year 2015 using HEDIS 2016 Technical Specifications.

The rate for the selected group = **76%**

Sort — County Rate

Select drop down options to apply filters to measure rate cha...

Filter	Selection
Region	All state
Age Group	All
Gender	All
Ethnicity	All
Race	All
Language	All

Age Group
- Adult (19+) — 76%
- Child (<19)

Gender
- Female — 83%
- Male — 66%

Ethnicity
- Hispanic — 78%
- Not Hispanic — 77%
- Unknown — 71%

Race
- AI/AN — 80%
- Asian — 73%
- Black — 76%
- NH/PI — 70%
- White — 76%
- Multiracial — 75%
- Other — 78%
- Unknown — 71%

Language
- Arabic — 93%
- Burmese — 78%
- Chinese — 76%
- English — 75%
- Korean — 75%
- Russian — 71%
- Somali — 87%
- Spanish — 82%
- Ukrainian — 75%
- Vietnamese — 81%
- Other — 84%
- Unknown — 81%

Tribal Affiliation
- Yes — 81%
- No — 76%

State Average
76%
70%   85%

Note:
Population: WA Medicaid members with any coverage in 2015. Members with both Medicaid and Medicare coverage (duals) are excluded for more accurate measure reporting.
Data Source: HCA Medicaid enrollment and claims data for the 2015 calendar year. Measure rates represent measurement year 2015. Medicaid data was refreshed on 4/4/2016 and WA immunization data was refreshed on 5/4/2016.
Data Suppression: When filtering, some data in the charts will disappear due to small number suppression.
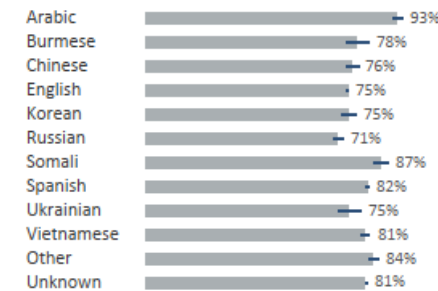
Hover over the icon for more info →

County	Rate
Adams	85%
Grant	83%
Douglas	82%
Stevens	82%
Asotin	81%
Columbia	81%
Chelan	80%
Okanogan	80%
Pend Oreille	80%
Benton	79%
Ferry	79%
Franklin	79%
Lewis	79%
Walla Walla	79%
Lincoln	78%
Skamania	78%
Snohomish	78%
Whatcom	78%
Clallam	77%
Cowlitz	77%
Garfield	77%
Klickitat	77%
Skagit	77%
Spokane	77%
Grays Harbor	76%
Pacific	76%
Wahkiakum	76%
Yakima	76%
Kitsap	75%
Kittitas	75%
Island	74%
Jefferson	74%
King	74%
Mason	74%
Pierce	74%
Thurston	72%
Whitman	71%
Clark	70%
San Juan	70%
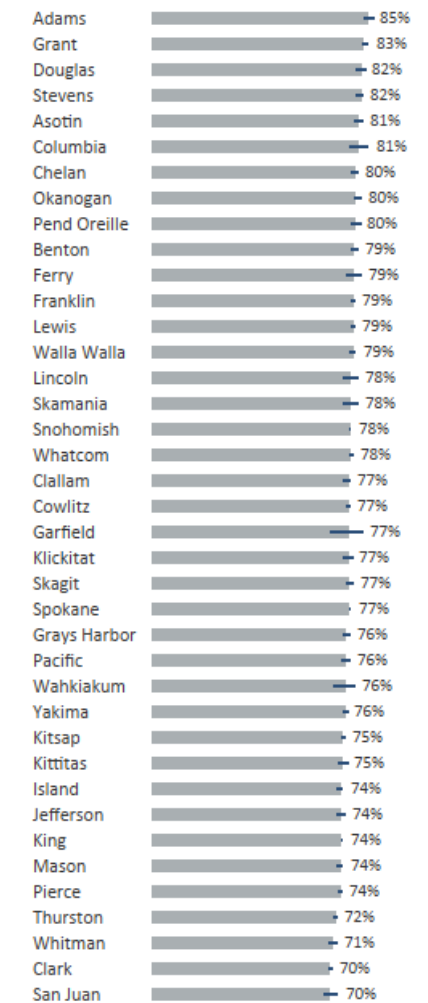
MEASURE BROWSER

This dashboard shows population health measure rates – regardless of insurance type - by geographic region (ACH, county) and statewide demographics (age group, gender, race/ethnicity).

What kind of questions can this dashboard answer?

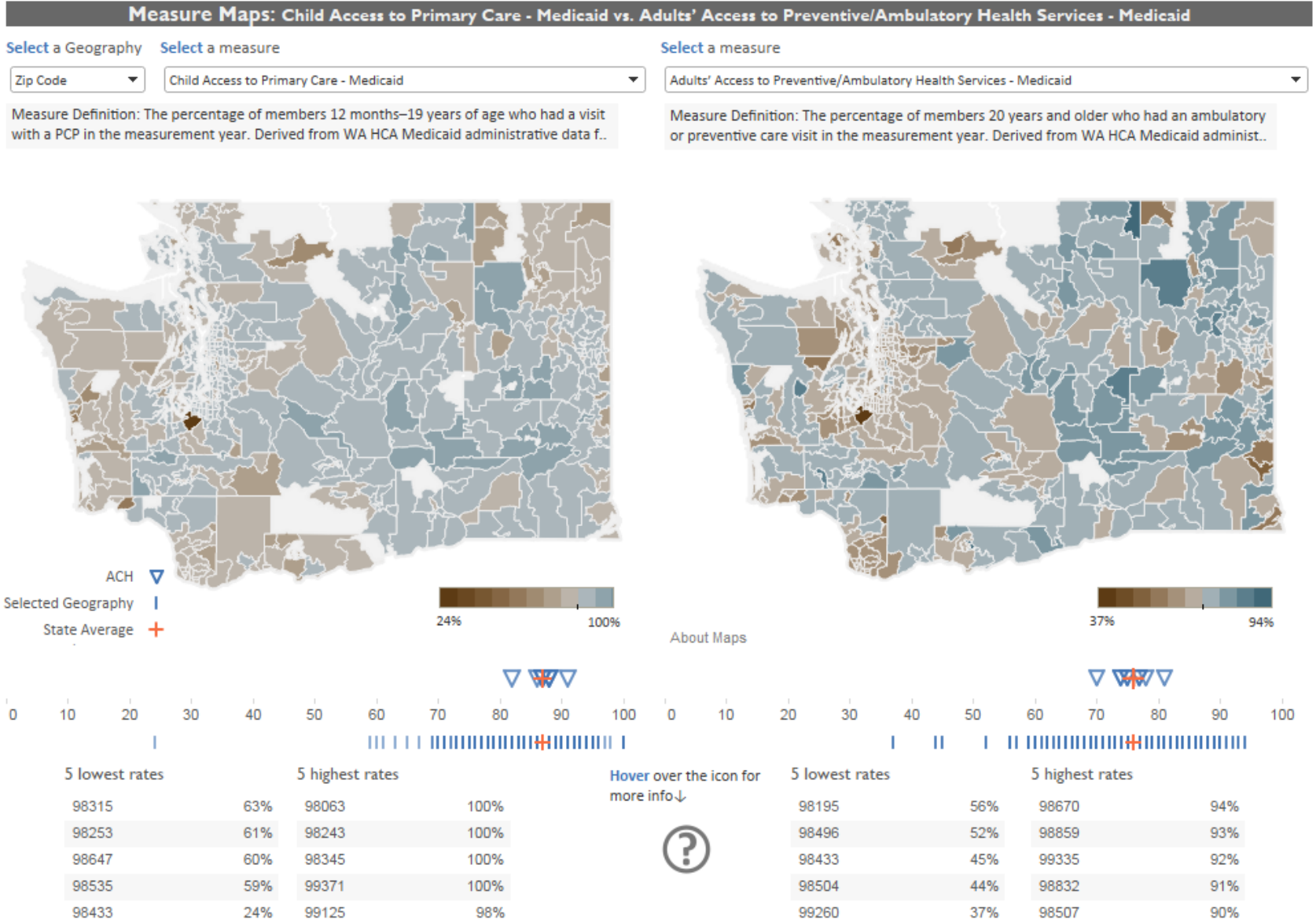Which groups have the highest and lowest rates for population health measures?

- or –

Are there differences in measure rates by county?

Statewide Measure Browser: Adult tobacco use - 3 yr - Statewide (BRFSS)

Select a measure: Adult tobacco use - 3 yr - Statewide (BRFSS)

The percentage of adults 18 and older who currently smoke. (Click here for more info.)

Statewide rate for this measure 16%

Geographic level: County

Measurement period: 2013, 2014, 2015

About Maps

Note:
The Statewide Measure Browser includes data for residents in washington state regardless of geography or insurance coverage. Data sources include BRFSS, PRAMS, and the IIS.

BRFSS: The Behavioral Risk Factor Surveillance System (BRFSS) is a yearly survey that measures changes in the health of people in Washington State. This survey collects information on certain health factors like tobacco use and mental health status.

PRAMS: PRAMS is a survey of new mothers conducted by Washington State Department of Health and the Centers for Disease Control and Prevention (CDC). PRAMS gathers information from mothers about their experiences before, during, and after their most recent pregnancy.

IIS: The Washington Immunization Information System (IIS) is a lifetime registry that keeps track of immunization records for people of all ages.

Age
Age group	Rate
18-24 years old	15
25-34 years old	19
35-44 years old	17
45-54 years old	18
55-64 years old	16
65+ years old	8

Race/Ethnicity
Group	Rate
AI/AN	36
Asian	8
Black	18
Hispanic	13
White	16

Gender
Gender	Rate
Female	14
Male	17

Sort: Name

County	Rate
Adams	8
Asotin	12
Benton	15
Chelan	11
Clallam	20
Clark	17
Columbia	34
Cowlitz	18
Douglas	21
Ferry	25
Franklin	10
Garfield	27
Grant	17
Grays Harbor	26
Island	25
Jefferson	27
King	12
Kitsap	17
Kittitas	14
Klickitat	25
Lewis	22
Lincoln	14
Mason	17
Okanogan	22
Pacific	27
Pend Oreille	8
Pierce	19
San Juan	14
Skagit	15
Skamania	23
Snohomish	16
Spokane	18
Stevens	33
Thurston	17
Wahkiakum	18
Walla Walla	12
Whatcom	13
Whitman	13
Yakima	17

MEASURE MAPS

This dashboard enables you to explore and compare measure rates for different geographic regions (ACH, county, zip code, school district,

What kind of questions can this dashboard answer?

Are the top 5 lowest county rates of child PCP use the same as the top 5 lowest county rates of child immunizations?

-or-

Which zip codes in my region have the lowest rates of health care use?

Measure Maps: Child Access to Primary Care - Medicaid vs. Adults' Access to Preventive/Ambulatory Health Services - Medicaid

Select a Geography | Select a measure | Select a measure

Zip Code | Child Access to Primary Care - Medicaid | Adults' Access to Preventive/Ambulatory Health Services - Medicaid

Measure Definition: The percentage of members 12 months–19 years of age who had a visit with a PCP in the measurement year. Derived from WA HCA Medicaid administrative data f..

Measure Definition: The percentage of members 20 years and older who had an ambulatory or preventive care visit in the measurement year. Derived from WA HCA Medicaid administ..

ACH ▽
Selected Geography │
State Average ✛

24% 100%   About Maps   37% 94%

5 lowest rates		5 highest rates		Hover over the icon for more info↓	5 lowest rates		5 highest rates	
98315	63%	98063	100%		98195	56%	98670	94%
98253	61%	98243	100%		98496	52%	98859	93%
98647	60%	98345	100%		98433	45%	99335	92%
98535	59%	99371	100%		98504	44%	98832	91%
98433	24%	99125	98%		99260	37%	98507	90%

Note: Medicaid Measures: Data for this dashboard is based on a Medicaid-only population for people with any coverage in 2015. **Measure rates represent 2015 calendar year.** Data was refreshed on 4/4/2016.
Immunization Measures: Data for immunization measures are from the WA State Immunization Information System and can include anyone in county population (not limited to Medicaid data). WA immunization data was refreshed on 5/4/2016. **Immunization measures are only available at county level.**

MEASURE SETS

This dashboard compares county performance on multiple measures at once. It visually graphs a standardized score for each county's rate, showing you the county rate's distance from the state average.
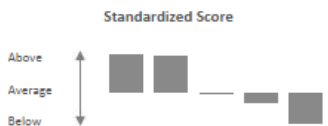
What kind of questions can this dashboard answer?

Which counties are above average across all measures?

- or –

Is my county consistently above or below average across this set of measures?

Focus Area: Prevention and Access

Adult Access Primary Care - Medicaid | Child Access Primary Care - Medicaid | Diabetes Eye Exam - Medicaid | Diabetes HbA1c Testing - Medicaid | Diabetes Nephropathy Screening - Medi..

Sort Counties [Overall Rank ▼]

Hover over map to find counties in dashboard.
Click on a bar chart at right to see that county's scores in the rank plot up top (hit ESC to clear the highlighting).

How to Read This Chart

County Ranking

High ← → Low

Standardized Score

Above / Average / Below

The **standardized score** is a measure of the value's distance from the average. The greater the **standardized score** 's maginitude, the farther from the average. A score can be positive or negative, indicating whether it's above or below the average.

Hover over the icon for more tips → (?)

Counties (by rows): Adams, Grant, Chelan, Douglas, Whatcom, Okanogan, Walla Walla, Cowlitz, Franklin, Asotin, Snohomish, Yakima, Lewis, Pend Oreille, Ferry, Lincoln, Benton, Pacific, Skamania, Skagit, Spokane, King, Kittitas, Whitman, Stevens, Kitsap, Clallam, Pierce, Grays Harbor, Jefferson, Island, Thurston, Clark, Mason, Klickitat

Counties with 1 or more supressed measures   Columbia   Garfield   San Juan   Wahkiakum

Note: Data for this dashboard is based on a medicaid-only population, **excluding dual eligible clients for the 2015 calendar year**. Bear in mind that counties have differing proportions of clients on medicaid.

Dashboard Versions

The third release of the Healthier Washington Dashboard will occur in March 2017. Each dashboard includes a Version History tab that includes information about changes made for each release, such as new measures, new functionality, or corrections.

Version History

2017-02-24 Version 3.0
ED-related measures added to the dashboard.
Plan all-cause readmission measure added to dashboard.
New dashboard, "Statewide Measure Browser" added.
New statewide measures added to the Measure maps from BRFSS and PRAMS:
- Unintended pregnancy (PRAMS)
- Tobacco use (BRFSS)
- Adult mental health status (BRFSS)
- Adult influenza immunization status (BRFSS)

2016-12-05 Version 2.1
Chronic condition rates based on Medicaid claims have been added.
Updated text of select measure definitions.

2016-10-28 Version 2.0
Medicaid data reflects claims that have been processed through 8/31/2016 and reflects data through the 2015 calendar year.
This version includes calendar year 2015 data from the Washington Immunization Information System, pulled on May 4th, 2016.
Bug fixes and interface enhancements.
Additionally, several new measures are added:
  - Diagnosis rates for depression, asthma, and diabetes
  - Measures for Anti-depressant medication management
  - Well-child visits

2016-06-06 Version 1.0
Initial release.
Dashboard reflects Medicaid Claims data for the 2015 calendar year, pulled on April 4, 2016.
Additionally, this version includes calendar year 2015 data from the Washington Immunization Information System. Data was pulled on May 4th, 2016.
This first version of the dashboard was built under Tableau Desktop 9.2.

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Future Steps:

- Information portal for all HW activities:
  - State Innovation Model (SIM)
  - Medicaid Demonstration Waiver

- Expand the scope of measures
  - Washington State Common Measure Set
  - Medicaid specific population measures
  - Condition-specific diagnosis rates for Medicaid enrollees

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HW Dashboard:
https://fortress.wa.gov/hca/tableau/t/51/vie
ws/HealthierWashingtonDashboard/FrontPag
e?:embed=y&:showShareOptions=true&:displ
ay_count=no&:showVizHome=no

HW Website:
www.hca.wa.gov/hw

Cross Agency Data Workgroup SharePoint Site:
https://shared.sp.wa.gov/sites/HCA/xagency
-healthcare-data-
workgroup/SitePages/Home.aspx

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