



Healthier Washington- Analytics, Interoperability and Measurement (AIM)

ACH Convening
March 13-14, 2017



Agenda

HCA's role and goals

Regional Health Needs Inventory (RHNI)

Demonstration Toolkit Measures

HW Data Dashboard Development

Questions



HCA has unique role in State Data and Analytic Infrastructure

- Purchaser of Medicaid and Public Employee Benefits insurance
- SIM grant recipient with investment in analytic infrastructure
- Medicaid Demonstration administrator with role of facilitating ACH success



Goals of Data Infrastructure

- State collaboration - Healthier Washington has promoted closer collaboration between the three State health and human services agencies: DSHS, HCA, and DOH
- Making relevant data accessible in a timely manner
- State and ACH roles complementary– leveraging our comparative expertise to make the best use of limited resources
- Important role of community in adding value and interpreting State data



State and regional data provision under the Demonstration

- State can leverage administrative data and align reporting for the RHNI and Toolkit measures
- HCA is business owner of Medicaid data and partners with DSHS and DOH for additional data sources
- ACHs are best positioned to supplement State data with information on the regional and/or local community level



Regional Health Needs Inventory (RHNI) – section 1

- Information about regional health status, health disparities and health service capacity to help regions identify health needs and gaps in care
- Making relevant data accessible in a timely manner
- To be used in conjunction with other data and information sources to identify regional projects
- Can be incorporated into justification and narrative for Project Plan applications



RHNI continued

- What it is:
 - A point-in-time snapshot of the region
 - To be used for exploration and planning
- What it is not:
 - A standalone, formal report (data from RHNI can be used strategically in formal report)
 - Annual exercise
 - The same as Toolkit measures or baselines for toolkit measures which are still under development



RHNI Release Timeline

- Friday, March 17: demographic, population indicators, health insurance, criminal justice, and chronic disease
- Monday, April 3: project planning information such as opioid indicators, oral health, maternal, child and reproductive health, and contraceptive care.
- April TBD – mortality and hospitalization data



Toolkit measures

- Just over 60 measures
- About 1/3 will transition to performance payment
- Based, largely, on state administrative data and therefore conducive to centralized reporting
- All measures will be reported at the State level for assessment and monitoring
- Accountability assessed at the regional level
- ACHs will not have a role in producing performance metrics



Alignment of Toolkit measures

- State Common Measure Set
- 1519/5732 Cross Agency Measures
- MCO contracts
- Healthier Washington priorities
- Input from stakeholders and subject-matter experts



Toolkit measures- next steps

- Development of Toolkit Measure Specification and Reporting Manual – draft Spring 2017
- Continued work on measures to define baseline data, benchmarks and annual improvement targets for each measure
- Planning for how the State can best support ACH data needs (for State administrative data) under the Demonstration



RHNI, Toolkit measures, and Dashboards

- Further development of HW Data Dashboard and the DOH Washington Tracking Network can provide a “living” source of information to monitor regional health status during the demonstration years
- The AIM program at HCA can help centralize and efficiently channel data requests and technical assistance for data and measures provided.



Data and Measurement resources

- HW Data Dashboard
- WHA Community Checkup website
- DOH's Washington Tracking Network
- Excel files accessible from RDA homepage on a number of measures for Medicaid eligibility groups



HEALTHIER WASHINGTON DATA DASHBOARD

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

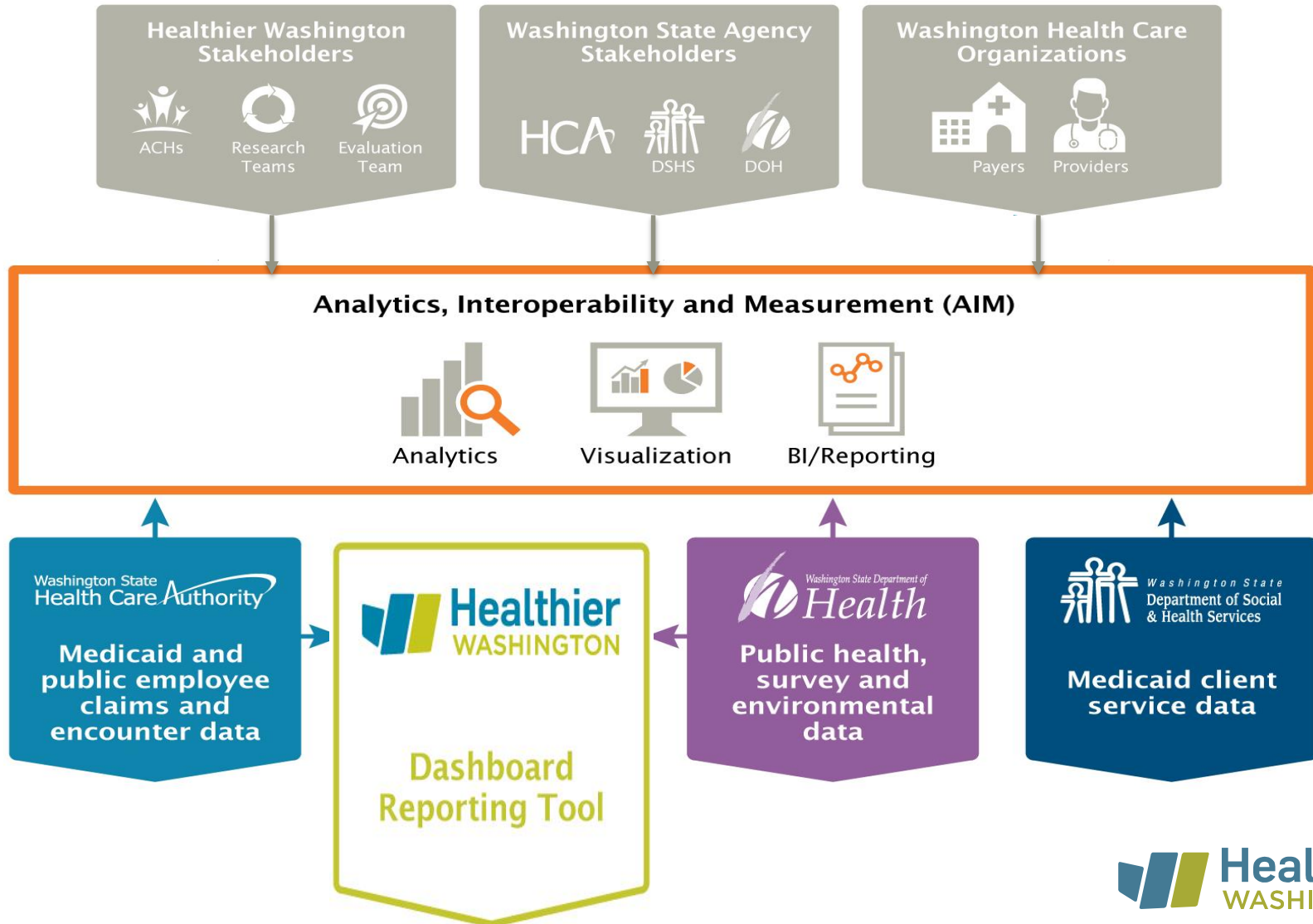
A business intelligence and analytics tool that is **interactive** and the information within it will be **regularly refreshed** to **monitor metric change over time**



HW Audience Needs

Audience	Data/Information Needs	Purpose / Value
Public Health/Healthcare Professionals	<ul style="list-style-type: none">• Absolute values (counts/rates)• Measure of variability (SD, SE)• Estimate of procedure reliability (CI)• Statistical significance (P value)	<ul style="list-style-type: none">• Detailed analyses• Scientific rigor• High degree of certainty
Policy Makers/ACH Staff/Managed Care Organizations	<ul style="list-style-type: none">• Relative values ($>$ $<$)• Direction of change ($\uparrow\downarrow$)• Visually interpretable	<ul style="list-style-type: none">• Raise awareness/spur action• Inform policy• Initiate investigations
Lay Public/Medicaid Enrollees	<ul style="list-style-type: none">• Visually interpretable• Local geographical information	<ul style="list-style-type: none">• Inform personal health decisions

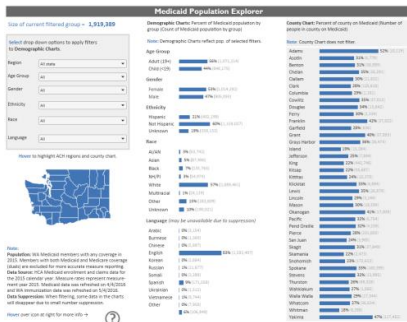
HW Dashboard Data Ecosystem



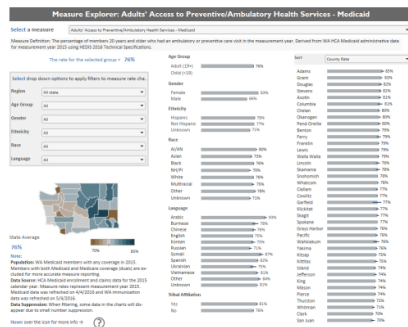
HEALTHIER WA DASHBOARDS - ABOUT THE DASHBOARDS

The first release of the Healthier WA Dashboards in **June 2016** has begun with four distinct dashboards that allow regions to explore data on populations and measures for Washington State.

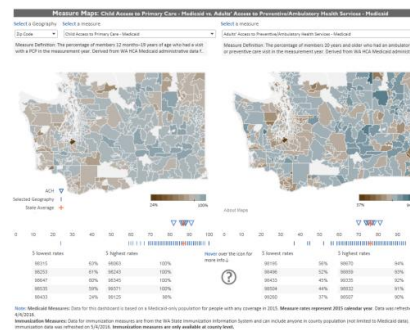
The four dashboards include: Population Explorer



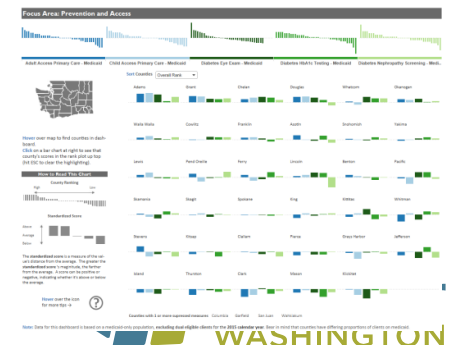
Measure Explorer



Measure Maps



Measure Sets



The next release of the dashboards will contain “refreshed” data, additional measures, and dashboard features.

Here’s a closer look at each dashboard...

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:

Age Group:

Gender:

Ethnicity:

Race:

Language:

Hover to highlight ACH regions and county chart.

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)

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

Hover over icon at right for more info →

MEASURE EXPLORER

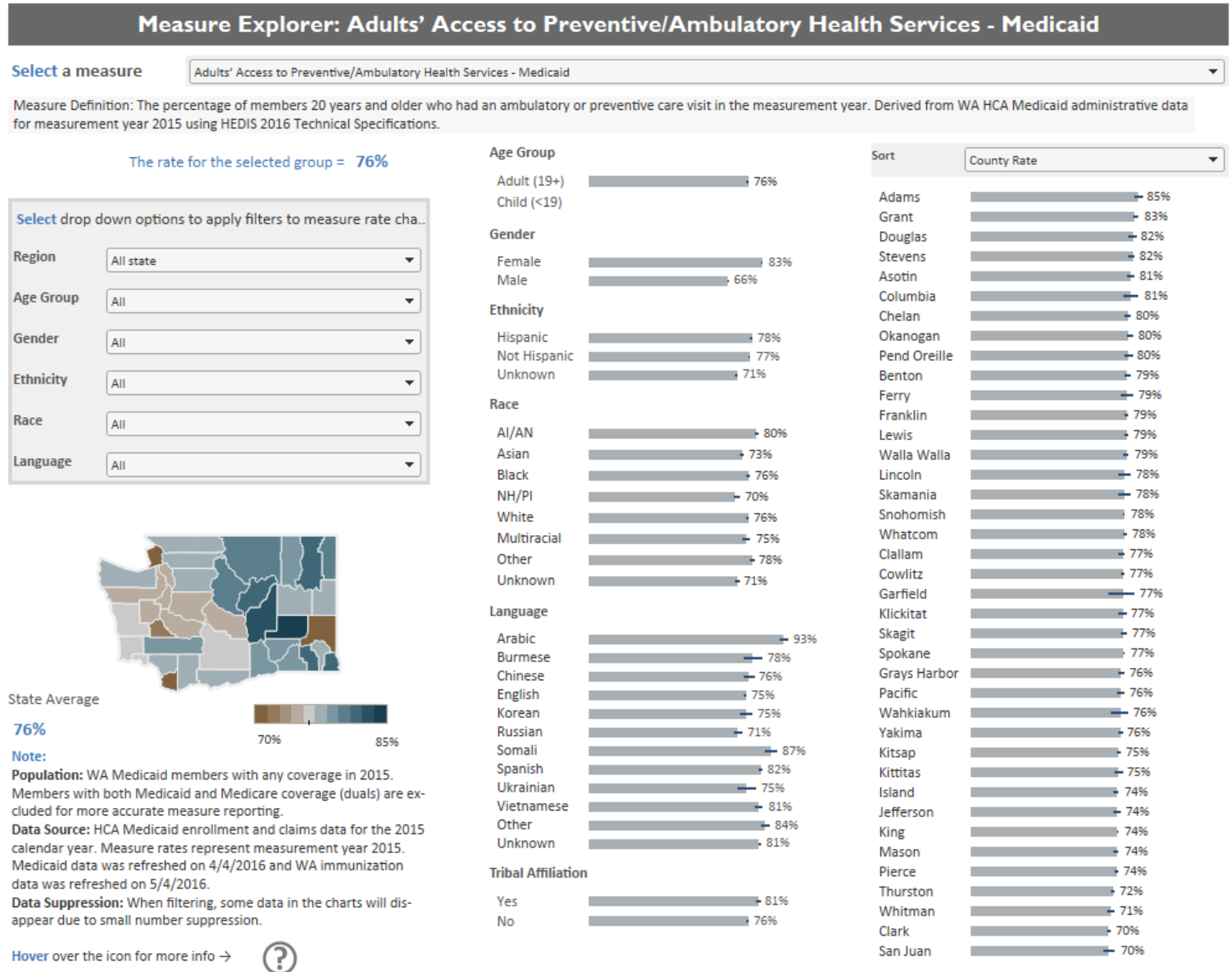
This dashboard shows measure rates by geographic region (ACH, county) and demographics (adult/child, gender, race, ethnicity, language). Combine filters to see measure rates for specific populations.

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?



STATEWIDE MEASURE BROWSER

Similar to the measure explorer, this dashboard shows measure rates by geographic region and demographics. The Statewide Measure Browser includes data for residents in Washington State regardless of geography or insurance coverage. Data sources include: Behavioral Risk Factor Surveillance System, Pregnancy Risk Assessment Monitoring System, and the Washington Immunization Information System.

What kind of questions can this dashboard answer?

Which overall state populations have the highest and lowest percentages of poor mental health status?

- or -

Are there differences in statewide rates by county?

Statewide Measure Browser: Adult mental health status - 3 yr - Statewide (BRFSS)

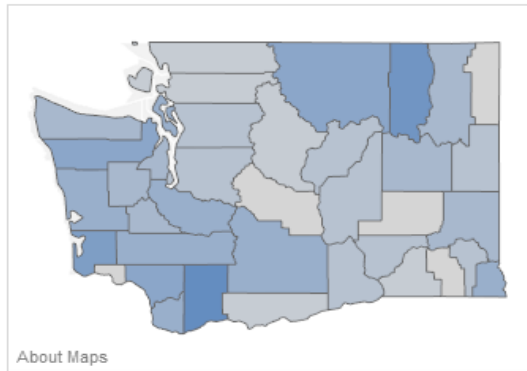
Select a measure

The percentage of adults 18 and older who reported poor mental health for 14 or more days in a month. (Click for more info.)

Statewide rate for this measure **11%**

Geographic level

Measurement period: **2013, 2014, 2015**



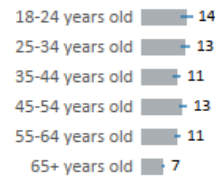
Note: The Statewide Measure Browser includes data for residents in Washington State regardless of geography or insurance coverage. Data sources include BRFSS, PRAMS, and the IIS.

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.

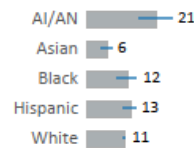
PRAMS: PRAMS is a survey of new mothers conducted by Washington State Department of Health and the Centers for Disease Control and Prevention (CDC). PRAMS gathers information from mothers about their experiences before, during, and after their most recent pregnancy.

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

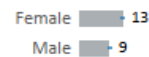
Age



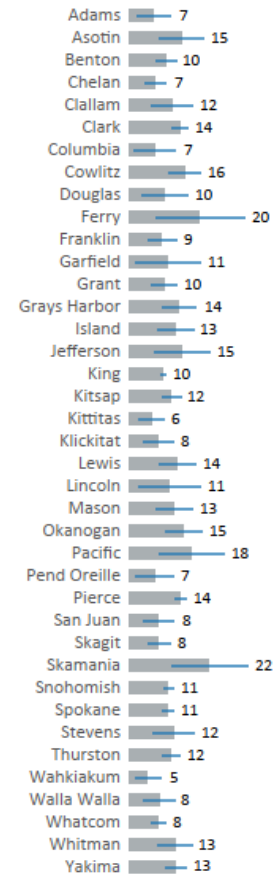
Race/Ethnicity



Gender



Sort



MEASURE MAPS

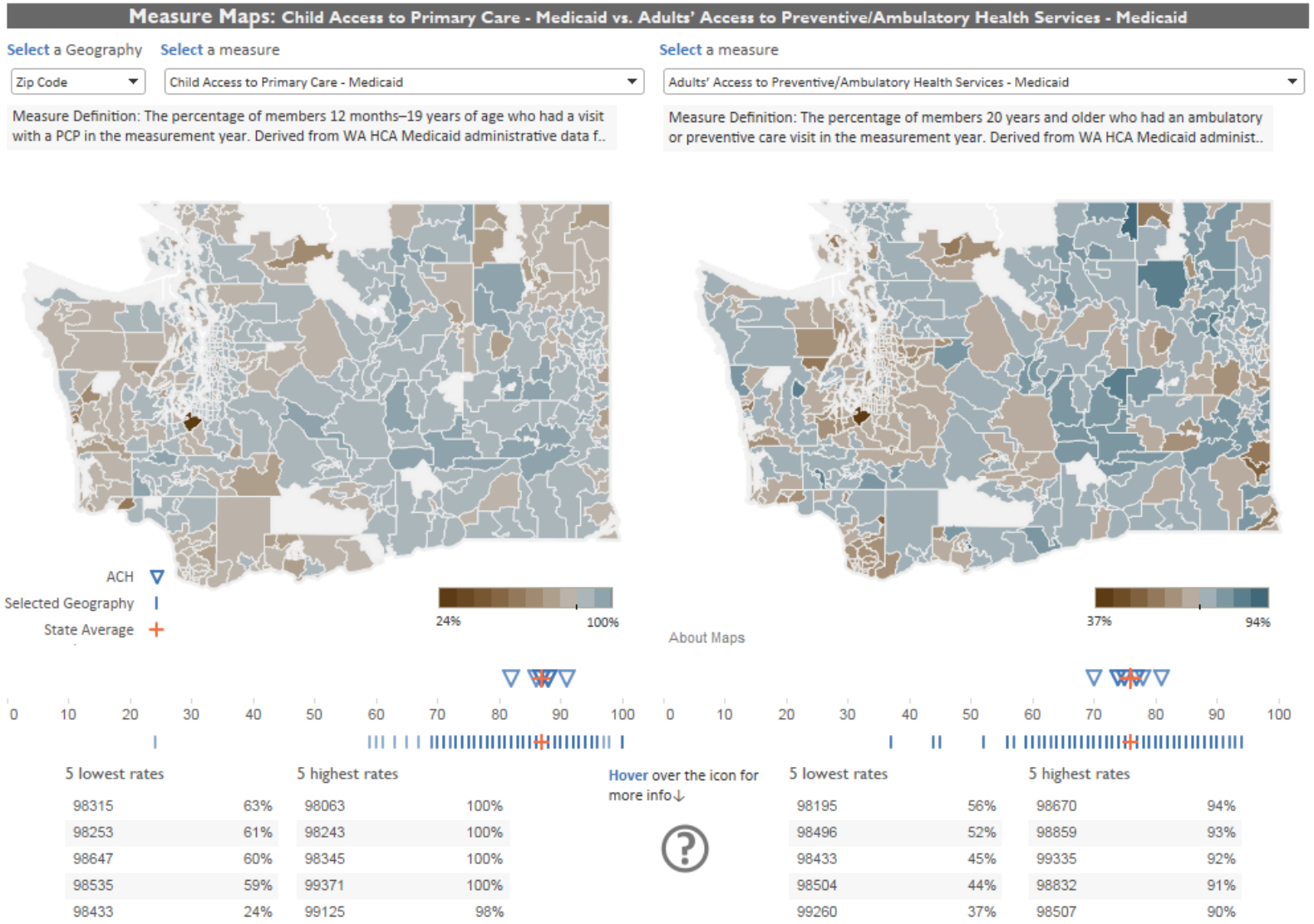
This dashboard enables you to explore and compare measure rates for different geographic regions (ACH, county, zip code, school district,

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 immunization rates?

-or-

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



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



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 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



Questions?

Contact us:

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HW AIM Website:

<http://www.hca.wa.gov/about-hca/healthier-washington/data-dashboard>



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