Healthier Washington- Analytics, Interoperability and Measurement (AIM)

ACH Convening
March 13-14, 2017
## Agenda

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<td>HW Data Dashboard Development</td>
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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
• 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

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<tr>
<th>Audience</th>
<th>Data/Information Needs</th>
<th>Purpose / Value</th>
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<tbody>
<tr>
<td>Public Health/Healthcare Professionals</td>
<td>• Absolute values (counts/rates)</td>
<td>• Detailed analyses</td>
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<td></td>
<td>• Measure of variability (SD, SE)</td>
<td>• Scientific rigor</td>
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<td></td>
<td>• Estimate of procedure reliability (CI)</td>
<td>• High degree of certainty</td>
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<td></td>
<td>• Statistical significance (P value)</td>
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<td>Policy Makers/ACH Staff/Managed Care Organizations</td>
<td>• Relative values (&gt; &lt;)</td>
<td>• Raise awareness/spur action</td>
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<td>• Direction of change (↑↓)</td>
<td>• Inform policy</td>
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<td></td>
<td>• Visually interpretable</td>
<td>• Initiate investigations</td>
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<tr>
<td>Lay Public/Medicaid Enrollees</td>
<td>• Visually interpretable</td>
<td>• Inform personal health decisions</td>
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<td>• Local geographical information</td>
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HW Dashboard Data Ecosystem

- Healthier Washington Stakeholders
  - ACHs
  - Research Teams
  - Evaluation Team

- Washington State Agency Stakeholders
  - HCA
  - DSHS
  - DOH

- Washington Health Care Organizations
  - Payers
  - Providers

Analytics, Interoperability and Measurement (AIM)

- Analytics
- Visualization
- BI/Reporting

- Medicaid and public employee claims and encounter data
- Public health, survey and environmental data
- Medicaid client service data

Dashboard Reporting Tool
HEALTHIER WA DASHBOARDS - ABOUT THE DASHBOARDS

The first release of the Healthier WA Dashboards in June 2016 has began 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…
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?
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?
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?

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**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.
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?

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:  

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