



**Measure Explorer**  
**Healthier Washington Dashboard Documentation**

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## Introduction

The Washington State Department of Health Data Visualization Dashboards contain a series of interactive dashboards that allows you to explore data on populations and measures of Washington State. The dashboards integrate data from multiple sources, including the American Community Survey (ACS) and Office of Financial Management (OFM).

## Tableau Display Settings

End users will be able to access this software using a web browser on any of below supported platforms:

- Chrome on Windows, Mac, and Android 4.4 or later
- Apple Safari on Mac and iOS 8.x or later
- Internet Explorer 11 or newer
- Mozilla Firefox 3.x or later on Windows and Mac
- Desktop Browser (1000 x 800)
- Generic Desktop (1366 x 768)

## Reader System Requirements

Windows	Microsoft Windows 7 or newer.
	2 GB memory
	1.5 GB minimum free disk space
	(32-bit through version 10.4 and 64-bit)
Mac	iMac/MacBook computers 2009 or newer
	OSX 10.10 or newer
	1.5 GB minimum free disk space

## Display Setting Troubleshooting

**Lag Time:** You may notice lag time when switching between tabs or making a selection from a drop-down menu.

**Chart or Maps are Blank:** When filtering, some data in the charts/maps will disappear due to small number suppression or no data available.

### Who should I contact for technical issues or follow-up questions?

If you experience issues at any time while attempting to interact with the portal (e.g., logging in), you can contact the agency's [Tableau Support Team](#).

## Measure Explorer Overview

This dashboard shows five social determinant measures for residents of Washington State at the county and ACH level. Some of these measures can be further broken down by age, gender, ethnicity, and race.

### What kind of questions can this dashboard answer?

Which county has the highest percentage of their population living in poverty? What percentage of the Hispanic population in King County is living in poverty?

### How do I interact with this dashboard?

You can explore different geographic scales (ACH or county) and specific regions (specific ACH or county) using the dropdown menus in the upper left. The bar graphs displaying age, gender, ethnicity and race changes based on the selected measure, geography and region. These data sets are not available for all measures. The county chart on the right will change for each measure, and regions on the map and bar chart will be highlighted based on selections. By hovering your cursor over the reference map at the lower left of the dashboard, you can highlight the different regions in the county chart on the right.

## Social Determinants Measure Explorer

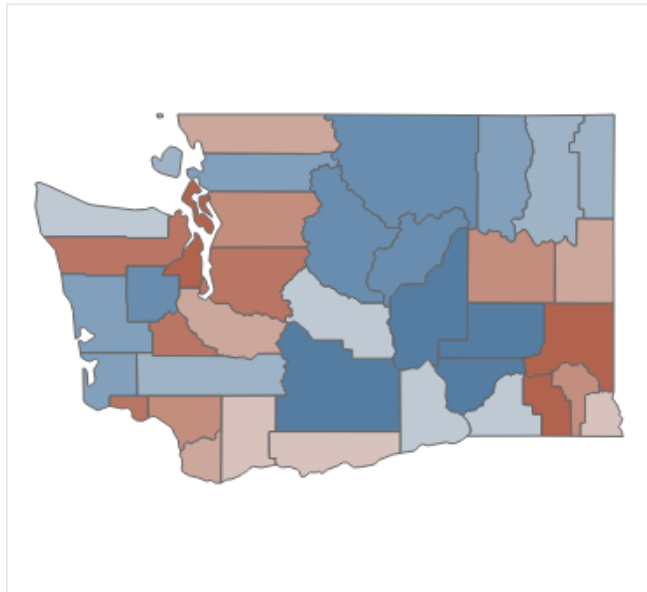
Select a Measure

Uninsured

The percentage of the population without health insurance (2011 - 2015)

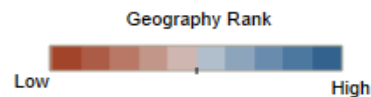
### Select a Region

All State



State Total

11.40

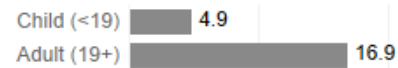


**Note:**

**Data Source:** US Census American Community Survey (ACS) 5 year roll ups (2011- 2015)

**Data Suppression:** When filtering, some data in the charts will disappear due to small number suppression or no data available.

### Age Group



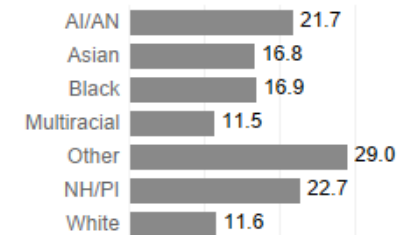
### Gender



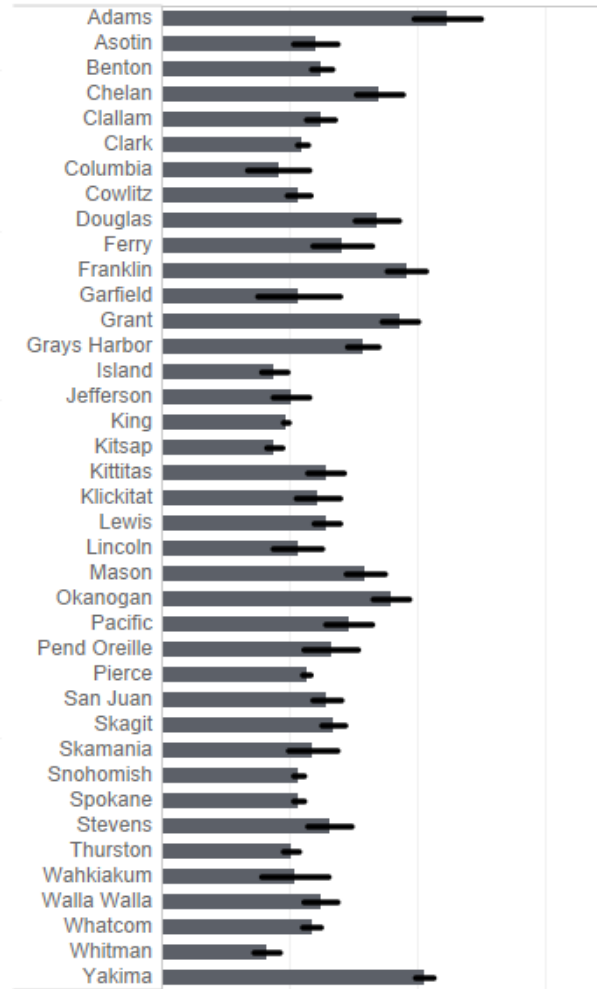
### Ethnicity



### Race



Sort By County Name



### About the Data

Data shown in the measure explorer are from the American Community Survey (ACS). In addition to the census of every U.S. household every 10 years, as required by the U.S. Constitution, the Census Bureau has a sub-sample, yearly survey called the ACS. This representative sample-based survey gathers characteristics for a subset of the entire population of the United States each year.

You can find supporting documentation on code lists, subject definitions, data accuracy, and statistical testing on the ACS website, Data and Documentation section. You can find sample size and data quality measures (including coverage rates, allocation rates, and response rates) on the ACS website in the Methodology section.

### **Caveats**

ACS bundles data in one-year, three-year or five-year groups to get more reliable statistical results. In order to have census tract data on all 39 counties in Washington, ACS uses the five-year grouping.

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to non-sampling error (for a discussion of non-sampling variability, see Accuracy of the Data).

## Measures

Social Determinants Measures		
Dashboard Measure Name	Measure Definition	Data Source
Crowded Housing	The Percentage of the Population living in Housing Units where there is more than one person per room	ACS Tables: "Occupants Per Room" and "Housing Occupancy"2011-2015
Limited English	The Percentage of Population Ages 5+ Speaking English Less than Very Well	ACS Table: "Language Spoken At Home" 2011-2015.
Poverty	The Percentage of the Population Living below the Poverty Level	ACS Table: "Poverty Status in the Past 12 Months" (2011 – 2015)
Unemployment	The Percentage of Employable Population Ages 16+ and registered as unemployed	ACS Table: "Employment Status"
Uninsured	Percentage of the Population Ages 18-64 with No Health Insurance	ACS Table: "Heath Insurance Coverage" 2011-2015.

**Data Suppression:**

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