

# Community Health Needs Assessment (CHNA)

## Clark County 2017 CNA

### Report Area

Clark County, WA

### Data Category

Demographics | Social & Economic Factors | Physical Environment | Clinical Care

### Demographics

Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

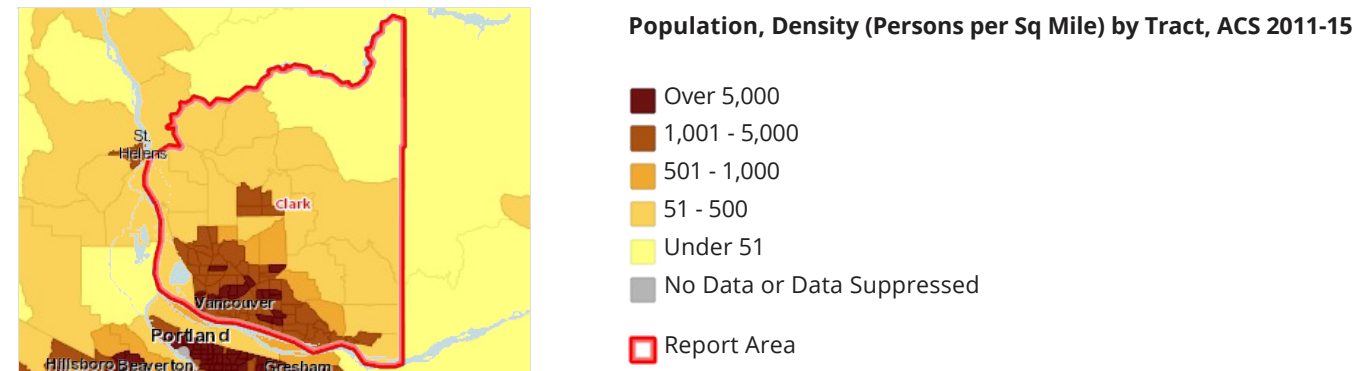
Data Indicators		
• Total Population	• Median Age	• Urban and Rural Population
• Change in Total Population	• Population Age 65	• Veteran Population
• Families with Children	• Population with Any Disability	

### Total Population

A total of 444,506 people live in the 629.03 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2011-15 5-year estimates. The population density for this area, estimated at 706.65 persons per square mile, is greater than the national average population density of 89.61 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Clark County, WA	444,506	629.03	706.65
Washington	6,985,464	66,456.30	105.11
United States	316,515,021	3,532,070.45	89.61

Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract



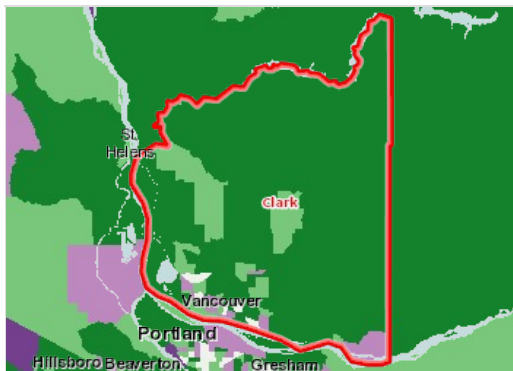
### Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 80,125 persons, a change of 23.21%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
Clark County, WA	345,238	425,363	80,125	23.21%
Washington	5,894,119	6,724,540	830,421	14.09%

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
United States	280,405,781	307,745,539	27,339,758	9.75%

Data Source: US Census Bureau, [Decennial Census](#). 2000 - 2010. Source geography: Tract



**Population Change, Percent by Tract, US Census 2000 - 2010**

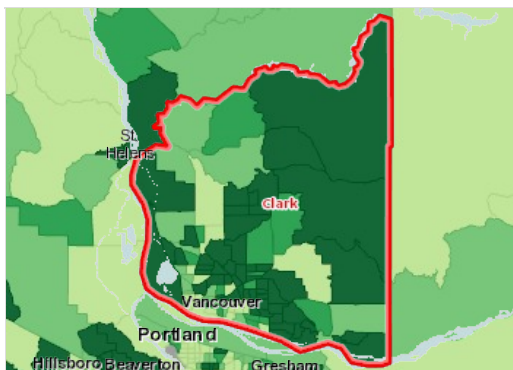
- Over 10.0% Increase ( )
- 1.0 - 10.0% Increase ( )
- Less Than 1.0% Change ( / - )
- 1.0 - 10.0% Decrease ( - )
- Over 10.0% Decrease ( - )
- No Population or No Data
- Report Area

## Families with Children

According to the most recent the American Community Survey estimates, 34.75% of all occupied households in the report area are family households with one or more child(ren) under the age of 18. As [defined](#) by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), Percent of Total Households
Clark County, WA	162,441	113,110	56,444	34.75%
Washington	2,668,912	1,722,188	822,475	30.82%
United States	116,926,305	77,260,546	37,419,210	32%

Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract



**Households with Children (Age 0-17), Percent by Tract, ACS 2011-15**

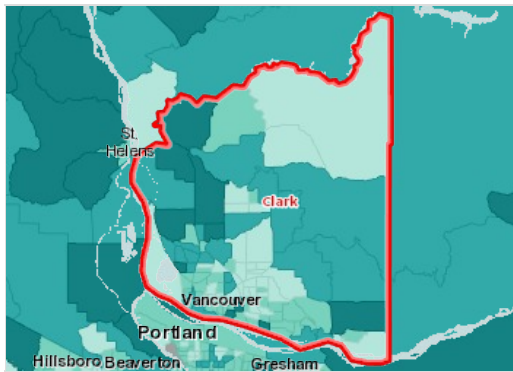
- Over 35.0%
- 31.6 - 35.0%
- 28.1 - 31.5%
- Under 28.1%
- No Data or Data Suppressed
- Report Area

## Median Age

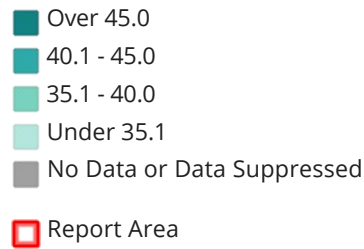
This indicator reports population median age based on the 5-year American Community Survey estimate.

Report Area	Total Population	Median Age
Clark County, WA	444,506	37.4
Washington	6,985,464	37.4
United States	316,515,021	37.6

Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract



Median Age by Tract, ACS 2011-15

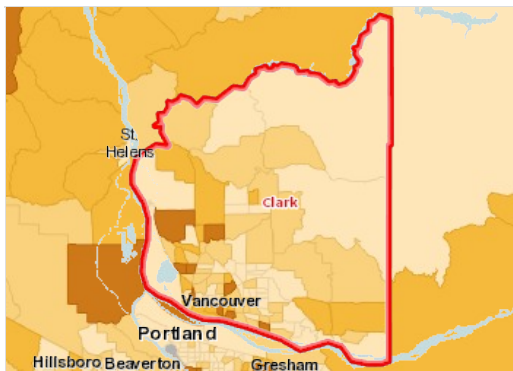


## Population Age 65

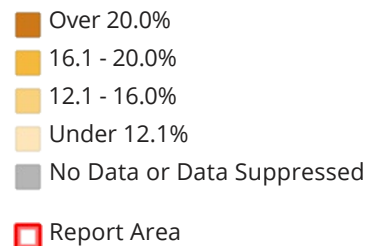
An estimated 13.14% of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2011-15 5-year estimates. An estimated total of 58,415 older adults resided in the area during this time period. The number of persons age 65 or older is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65	Percent Population Age 65
Clark County, WA	444,506	58,415	13.14%
Washington	6,985,464	948,316	13.58%
United States	316,515,021	44,615,477	14.1%

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract



Population Age 65, Percent by Tract, ACS 2011-15



## Population with Any Disability

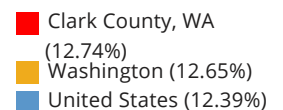
This indicator reports the percentage of the total civilian non-institutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

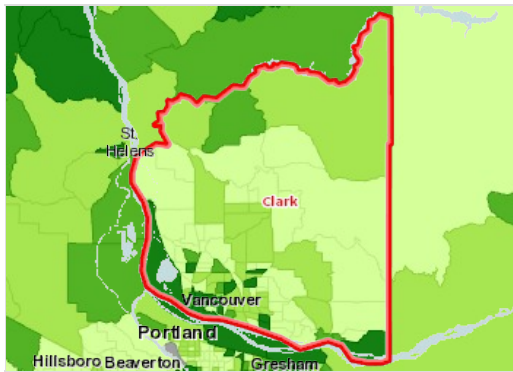
Report Area	Total Population (For Whom Disability Status Is Determined)	Total Population with a Disability	Percent Population with a Disability
Clark County, WA	442,053	56,329	12.74%
Washington	6,878,854	869,865	12.65%
United States	311,516,332	38,601,898	12.39%

Note: This indicator is compared with the state average.

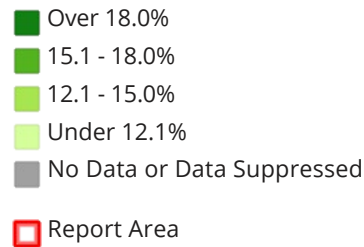
Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

Percent Population with a Disability





**Disabled Population, Percent by Tract, ACS 2011-15**

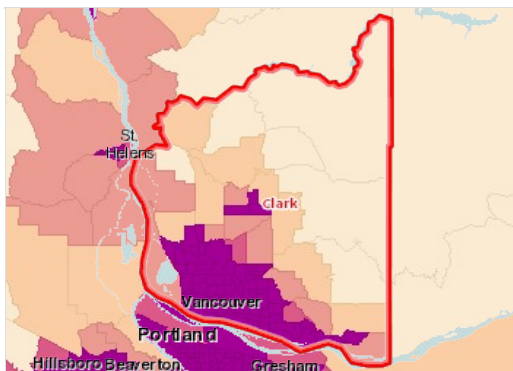


## Urban and Rural Population

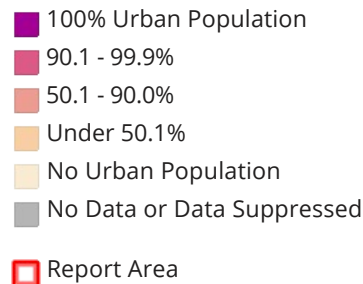
This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban.

Report Area	Total Population	Urban Population	Rural Population	Percent Urban	Percent Rural
Clark County, WA	425,363	366,797	58,566	86.23%	13.77%
Washington	6,724,540	5,651,869	1,072,671	84.05%	15.95%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

Data Source: US Census Bureau, [Decennial Census](#), 2010. Source geography: Tract



**Urban Population, Percent by Tract, US Census 2010**

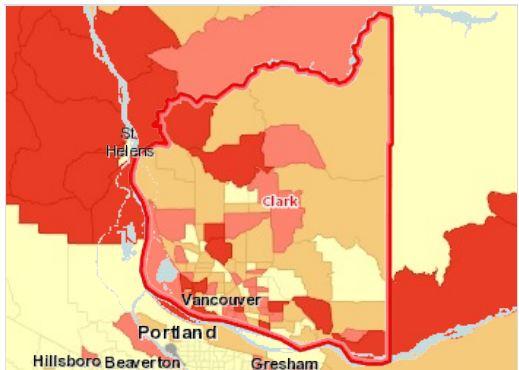


## Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II.

Report Area	Total Population Age 18	Total Veterans	Veterans, Percent of Total Population
Clark County, WA	330,711	34,930	10.56%
Washington	5,340,310	564,864	10.58%
United States	241,816,698	20,108,332	8.32%

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract



**Veterans, Percent of Total Population by Tract, ACS 2011-15**

- Over 13%
- 11.1 - 13.0%
- 9.1 - 11.0%
- Under 9.1%
- No Data or Data Suppressed
- Report Area

## Social & Economic Factors

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

### Children Eligible for Free/Reduced Price Lunch

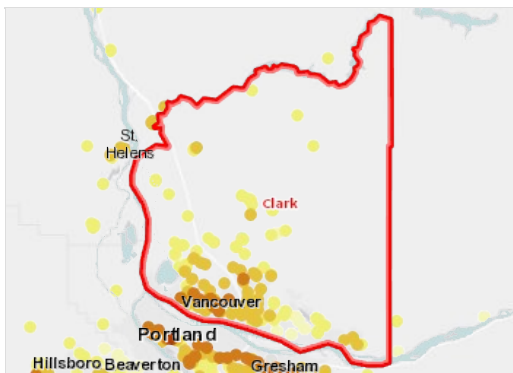
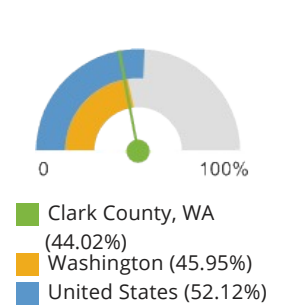
Within the report area 34,895 public school students or 44.02% are eligible for Free/Reduced Price lunch out of 79,277 total students enrolled. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Clark County, WA	79,277	34,895	44.02%
Washington	1,073,638	493,292	45.95%
United States	50,436,641	26,213,915	52.12%

Note: This indicator is compared with the state average.

Data Source: National Center for Education Statistics, [NCES - Common Core of Data](#), 2014-15. Source geography: Address

Percent Students Eligible for Free or Reduced Price Lunch



Students Eligible for Free or Reduced-Price Lunch, NCES CCD 2014-15

- Under 90.1%
- 75.1% - 90.0%
- 50.1% - 75.0%
- 20.1% - 50.0%
- Under 20.1%
- Not Reported
- Report Area

### Food Insecurity Rate

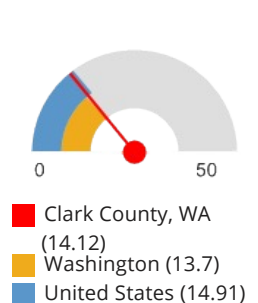
This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Clark County, WA	438,272	61,890	14.12%
Washington	7,061,530	970,150	13.7%
United States	318,198,163	47,448,890	14.91%

Note: This indicator is compared with the state average.

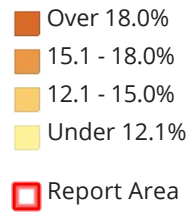
Data Source: [Feeding America](#), 2014. Source geography: County

Percentage of Total Population with Food Insecurity





**Food Insecure Population, Percent by County, Feeding America 2014**



## Head Start

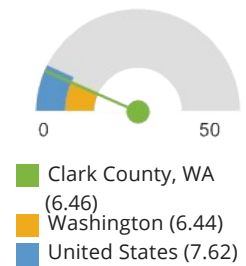
This indicator reports the number and rate of Head Start program facilities per 10,000 children under age 5. Head Start facility data is acquired from the US Department of Health and Human Services (HHS) 2015 Head Start locator. Population data is from the 2010 US Decennial Census.

Report Area	Total Children Under Age 5	Total Head Start Programs	Head Start Programs, Rate (Per 10,000 Children)
Clark County, WA	29,429	21	6.46
Washington	439,657	359	6.44
United States	20,426,118	17,442	7.62

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, [Administration for Children and Families](#), 2014. Source geography: Point

**Head Start Programs Rate (Per 10,000 Children Under Age 5)**



**Head Start Facilities, All Facilities, ACF 2014**



## High School Graduation Rate (EdFacts)

Within the report area 82.6% of students are receiving their high school diploma within four years. Data represents the 2014-15 school year for all states except California and Texas. In these states, data from the 2013-14 school year is reported.

This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg & Ruglis, 2007](#)).



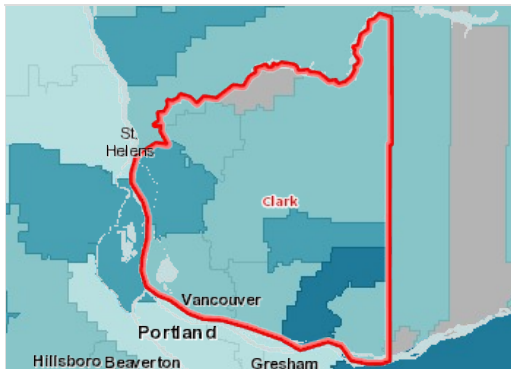
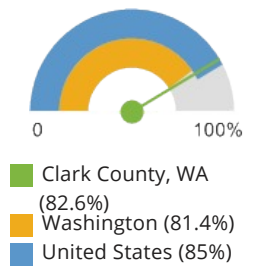
Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Clark County, WA	5,947	4,912	82.6
Washington	75,878	61,789	81.4
United States	3,116,301	2,648,271	85

Note: This indicator is compared with the state average.

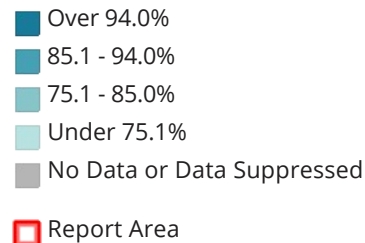
Data Source: US Department of Education, [EDFacts](#). Accessed via [DATA.GOV](#). Additional data analysis by [CARES](#). 2014-15.

Source geography: School District

#### Cohort Graduation Rate



#### On-Time Graduation, Rate by School District (Secondary), EDFacts 2014-15



#### High School Graduation Rate (NCES)

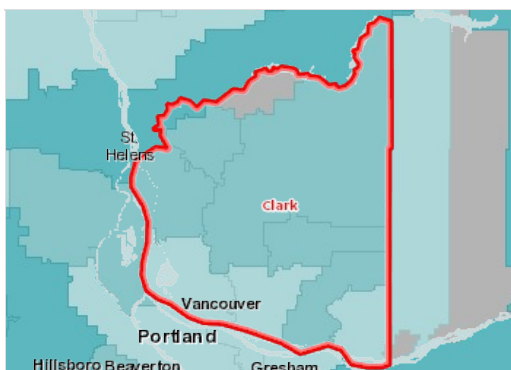
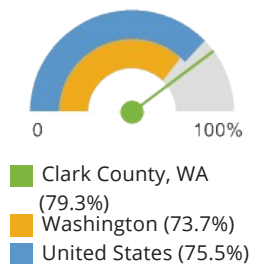
Within the report area 79.3% of students are receiving their high school diploma within four years. This is less than the Healthy People 2020 target of 82.4%. This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg & Ruglis, 2007](#)).

Report Area	Average Freshman Base Enrollment	Estimated Number of Diplomas Issued	On-Time Graduation Rate
Clark County, WA	5,607	4,447	79.3
Washington	85,123	62,764	73.7
United States	4,024,345	3,039,015	75.5
<a href="#">HP 2020 Target</a>			> =82.4

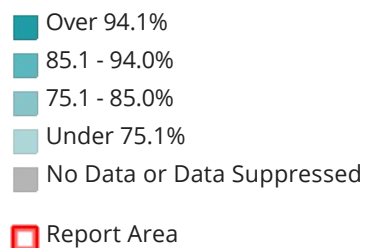
Note: This indicator is compared with the state average.

Data Source: National Center for Education Statistics, [NCES - Common Core of Data](#). 2008-09. Source geography: County

#### On-Time Graduation Rate



#### On-Time Graduation, Rate by School District (Secondary), NCES CCD 2008-09



#### Housing Cost Burden (30%)

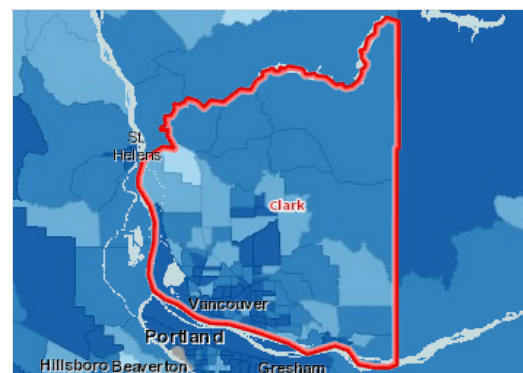
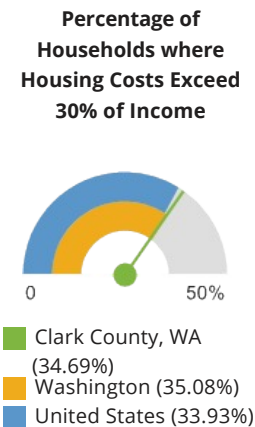
This indicator reports the percentage of the households where housing costs exceed 30% of total household income. This indicator



provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels.

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Percentage of Cost Burdened Households (Over 30% of Income)
Clark County, WA	162,441	56,352	34.69%
Washington	2,668,912	936,360	35.08%
United States	116,926,305	39,670,109	33.93%

Note: This indicator is compared with the state average.  
Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract



**Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2011-15**

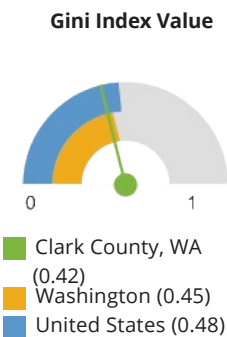
- Over 35.1%
- 28.1 - 35.0%
- 21.1 - 28.0%
- Under 21.1%
- No Data or Data Suppressed
- Report Area

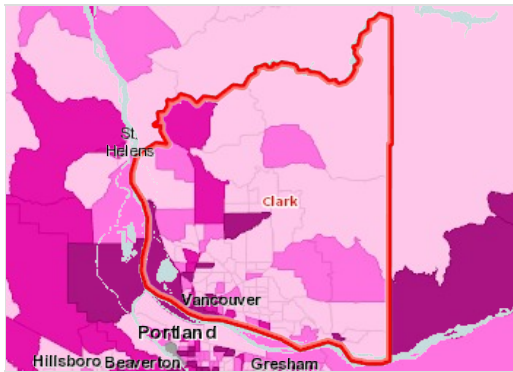
Income - Inequality (GINI Index)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one house-hold has any income. A value of zero indicates perfect equality, where all households have equal income. Index values are acquired from the 2011-15 American Community Survey and are not available for custom report areas or multi-county areas.

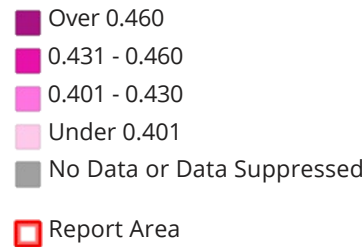
Report Area	Total Households	Gini Index Value
Clark County, WA	162,441	0.42
Washington	2,668,912	0.45
United States	116,926,305	0.48

Note: This indicator is compared with the state average.  
Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract





## Income Inequality (GINI), Index Value by Tract, ACS 2011-15



## Income - Median Family Income

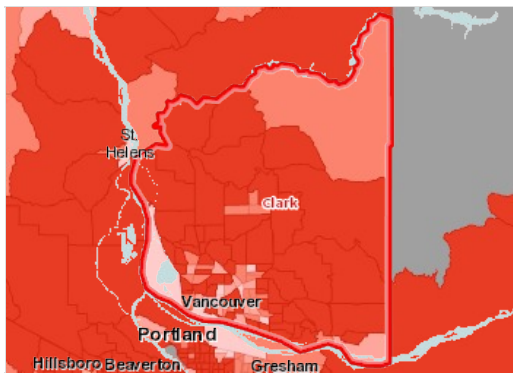
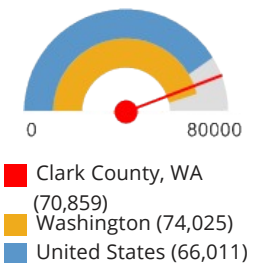
This indicator reports median family income based on the latest 5-year American Community Survey estimates. A family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. Family income includes the incomes of all family members age 15 and older.

Report Area	Total Family Households	Average Family Income	Median Family Income
Clark County, WA	113,110	\$86,426	<b>\$70,859</b>
Washington	1,722,188	\$94,338	\$74,025
United States	77,260,546	\$88,153	\$66,011

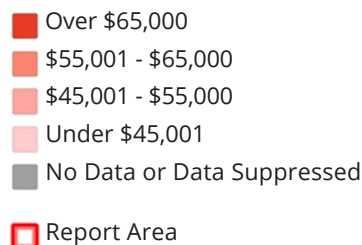
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

## Median Family Income



## Median Family Income by Tract, ACS 2011-15



## Income - Per Capita Income

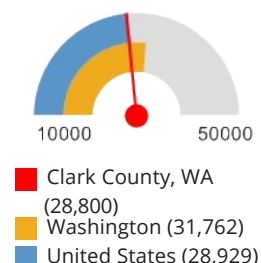
The per capita income for the report area is \$28,800. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

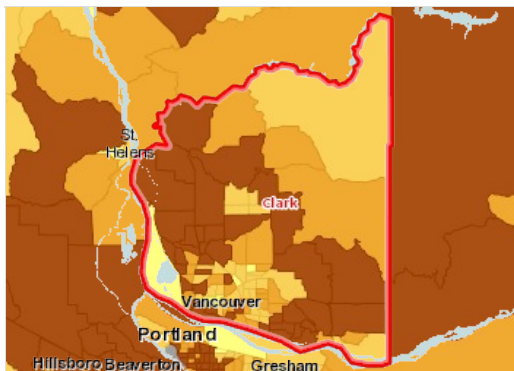
Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Clark County, WA	444,506	\$12,802,190,800	<b>\$28,800</b>
Washington	6,985,464	\$221,873,269,700	\$31,762
United States	316,515,021	\$9,156,731,836,300	\$28,929

Note: This indicator is compared with the state average.

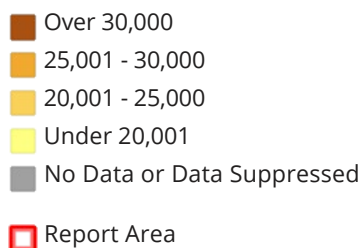
Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

## Per Capita Income (\$)





**Per Capita Income by Tract, ACS 2011-15**

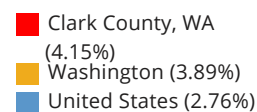
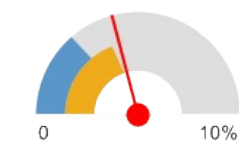


## Income - Public Assistance Income

This indicator reports the percentage households receiving public assistance income. Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include Supplemental Security Income (SSI) or noncash benefits such as Food Stamps.

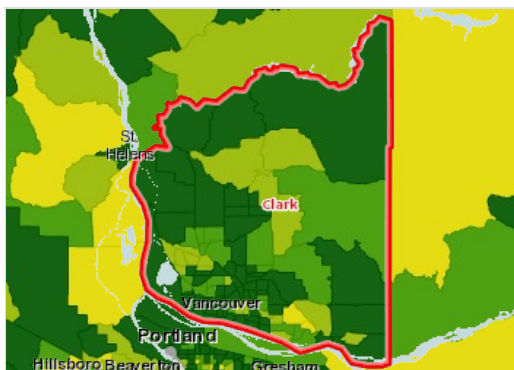
Report Area	Total Households	Households with Public Assistance Income	Percent Households with Public Assistance Income
Clark County, WA	162,441	6,748	<b>4.15%</b>
Washington	2,668,912	103,862	3.89%
United States	116,926,305	3,223,786	2.76%

**Percent Households with Public Assistance Income**

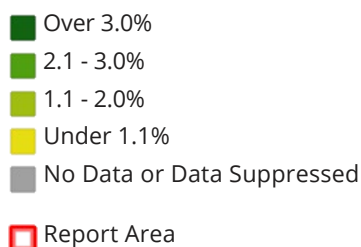


Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract



**Households with Public Assistance Income, Percent by Tract, ACS 2011-15**



## Insurance - Uninsured Population

The lack of health insurance is considered a *key driver* of health status.

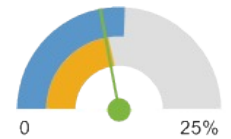
This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Total Uninsured Population	Percent Uninsured Population
Clark County, WA	442,053	48,577	10.99%
Washington	6,878,854	787,469	11.45%
United States	311,516,332	40,446,231	12.98%

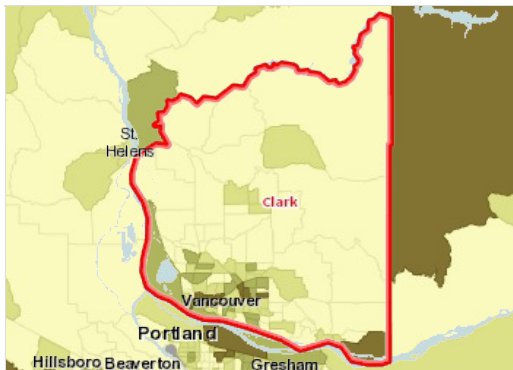
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

Percent Uninsured  
Population



Clark County, WA  
(10.99%)  
Washington (11.45%)  
United States (12.98%)



Uninsured Population, Percent by Tract, ACS 2011-15

Over 20.0%  
15.1 - 20.0%  
10.1 - 15.0%  
Under 10.1%  
No Data or Data Suppressed  
Report Area

### Population Receiving SNAP Benefits (ACS)

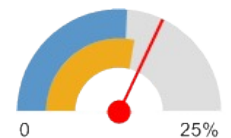
This indicator reports the estimated percentage of households receiving the Supplemental Nutrition Assistance Program (SNAP) benefits. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrolment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Clark County, WA	162,441	25,998	16%
Washington	2,668,912	380,611	14.26%
United States	116,926,305	15,399,651	13.17%

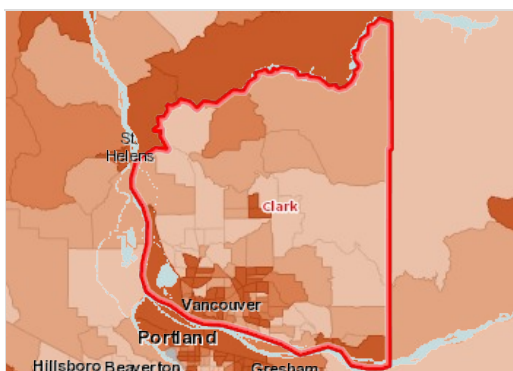
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

Percent Households  
Receiving SNAP Benefits



Clark County, WA  
(16%)  
Washington (14.26%)  
United States (13.17%)



Households Receiving SNAP Benefits, Percent by Tract, ACS 2011-15

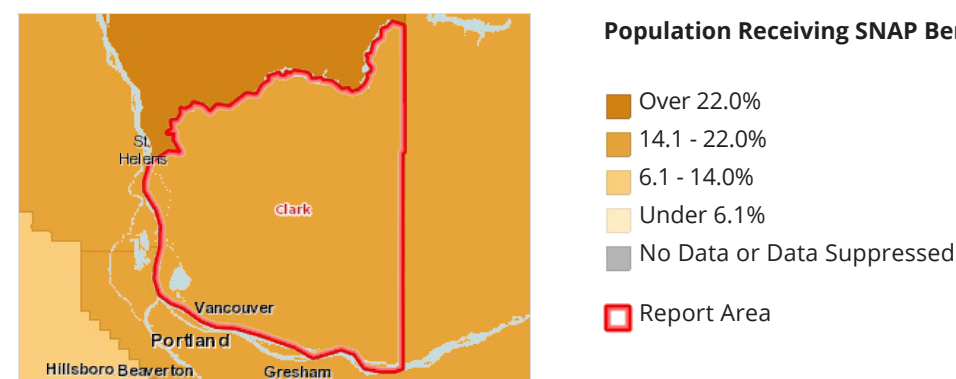
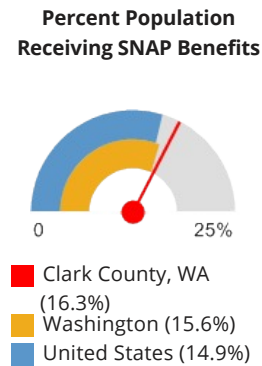
Over 19.0%  
14.1 - 19.0%  
9.1 - 14.0%  
Under 9.1%  
No Data or Data Suppressed  
Report Area

### Population Receiving SNAP Benefits (SAIPE)

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2012 and July 2013. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Population	Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Clark County, WA	446,596	72,875	16.3%
Washington	6,920,174	1,076,603	15.6%
United States	310,899,910	46,412,427	14.9%

*Note: This indicator is compared with the state average.*  
*Data Source: US Census Bureau, [Small Area Income & Poverty Estimates](#). 2014. Source geography: County*

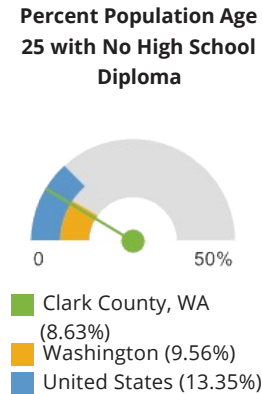


### Population with No High School Diploma

Within the report area there are 25,378 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 8.63% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes ([Freudenberg & Ruglis, 2007](#)).

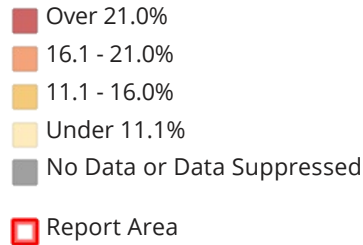
Report Area	Total Population Age 25	Population Age 25 with No High School Diploma	Percent Population Age 25 with No High School Diploma
Clark County, WA	294,043	25,378	8.63%
Washington	4,721,438	451,591	9.56%
United States	211,462,522	28,229,094	13.35%

*Note: This indicator is compared with the state average.*  
*Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract*





**Population with No High School Diploma (Age 25 ), Percent by Tract, ACS 2011-15**

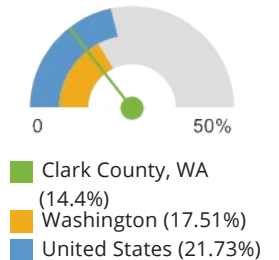


### Poverty - Children Below 100% FPL

In the report area 14.4% or 16,034 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

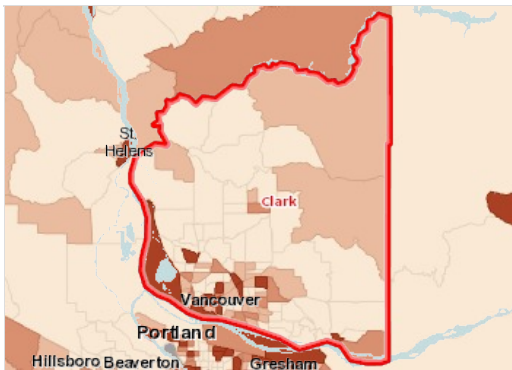
Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Clark County, WA	440,404	111,367	16,034	14.4%
Washington	6,850,693	1,567,388	274,431	17.51%
United States	308,619,550	72,540,829	15,760,766	21.73%

**Percent Population Under Age 18 in Poverty**

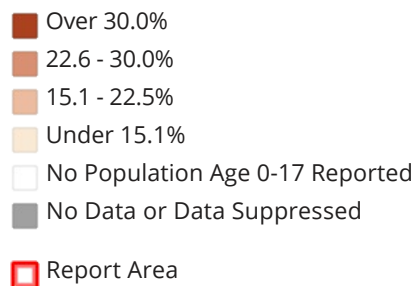


Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract



**Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2011-15**



### Poverty - Children Below 200% FPL

In the report area 37.05% or 41,257 children are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

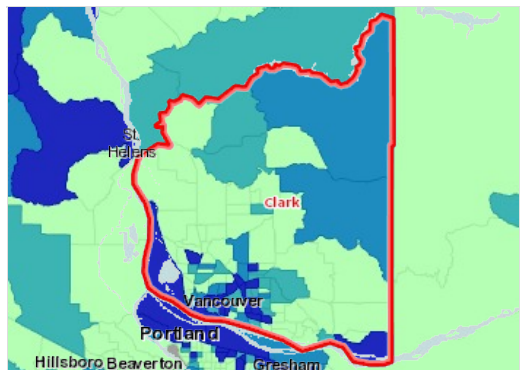
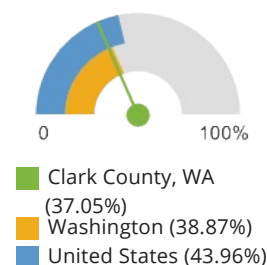


Report Area	Total Population Under Age 18	Population Under Age 18 at or Below 200% FPL	Percent Population Under Age 18 at or Below 200% FPL
Clark County, WA	111,367	41,257	37.05%
Washington	1,567,388	609,177	38.87%
United States	72,540,829	31,888,028	43.96%

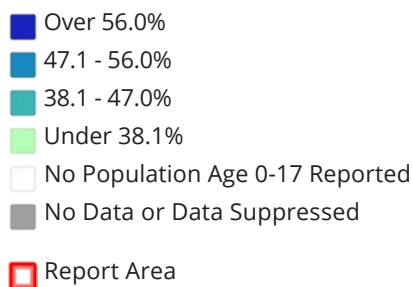
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

**Percent Population Under Age 18 at or Below 200% FPL**



**Population Below 200% Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2011-15**



## Poverty - Population Below 100% FPL

Poverty is considered a *key driver* of health status.

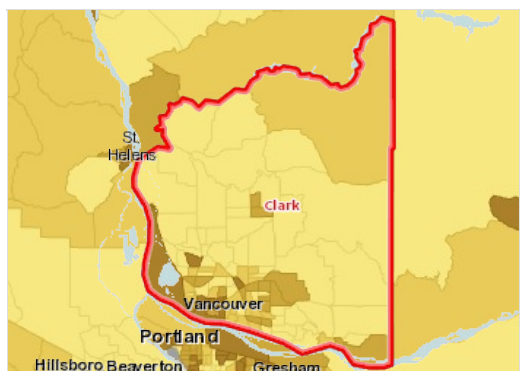
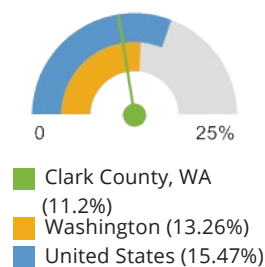
Within the report area 11.2% or 49,314 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Clark County, WA	440,404	49,314	11.2%
Washington	6,850,693	908,512	13.26%
United States	308,619,550	47,749,043	15.47%

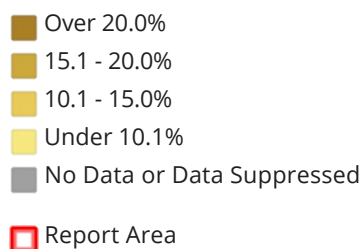
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

**Percent Population in Poverty**



**Population Below the Poverty Level, Percent by Tract, ACS 2011-15**





## Poverty - Population Below 200% FPL

In the report area 29% or 127,733 individuals are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Clark County, WA	440,404	127,733	29%
Washington	6,850,693	2,058,068	30.04%
United States	308,619,550	105,726,604	34.26%

Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

Percent Population with Income at or Below 200% FPL



Clark County, WA (29%)  
Washington (30.04%)  
United States (34.26%)



Population Below 200% Poverty Level, Percent by Tract, ACS 2011-15

- Over 50.0%
- 38.1 - 50.0%
- 26.1 - 38.0%
- Under 26.1%
- No Data or Data Suppressed
- Report Area

## Unemployment Rate

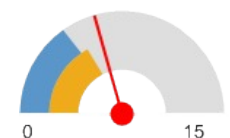
Total unemployment in the report area for the current month was 13,528, or 6.2% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Clark County, WA	218,672	205,144	13,528	6.2
Washington	3,625,231	3,435,080	190,151	5.2
United States	159,514,565	152,199,769	7,314,796	4.6

Note: This indicator is compared with the state average.

Data Source: US Department of Labor, [Bureau of Labor Statistics](#), 2017 - May. Source geography: County

Unemployment Rate



Clark County, WA (6.2)  
Washington (5.2)  
United States (4.6)



# Unemployment, Rate by County, BLS 2017 - May

- Over 12.0%
- 9.1 - 12.0%
- 6.1 - 9.0%
- 3.1 - 6.0%
- Under 3.1%
- Report Area

## Physical Environment

A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

### Climate & Health - High Heat Index Days

This indicator reports the percentage of recorded weather observations with heat index values over 103 degrees Fahrenheit. The "heat index" is a single value that takes both temperature and humidity into account. The higher the heat index, the hotter the weather feels, since sweat does not readily evaporate and cool the skin. The heat index is a better measure than air temperature alone for estimating the risk to workers from environmental heat sources.

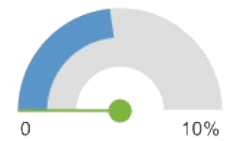
Report Area	Total Weather Observations	Average Heat Index Value	Observations with High Heat Index Values	Observations with High Heat Index Values, Percentage
Clark County, WA	4,380	84.89	0	0%
Washington	486,180	84.14	0	0%
United States	19,094,610	91.82	897,155	4.7%

Note: This indicator is compared with the state average.

Data Source: National Oceanic and Atmospheric Administration, [North America Land Data Assimilation System \(NLDAS\)](#).

Accessed via [CDC WONDER](#). Additional data analysis by [CARES](#). 2014. Source geography: County

Percentage of Weather Observations with High Heat Index Values: %



- Clark County, WA (0%)
- Washington (0%)
- United States (4.7%)



High Heat Index Days, Percentage of Observations Over 103°F by County, NLDAS 2014

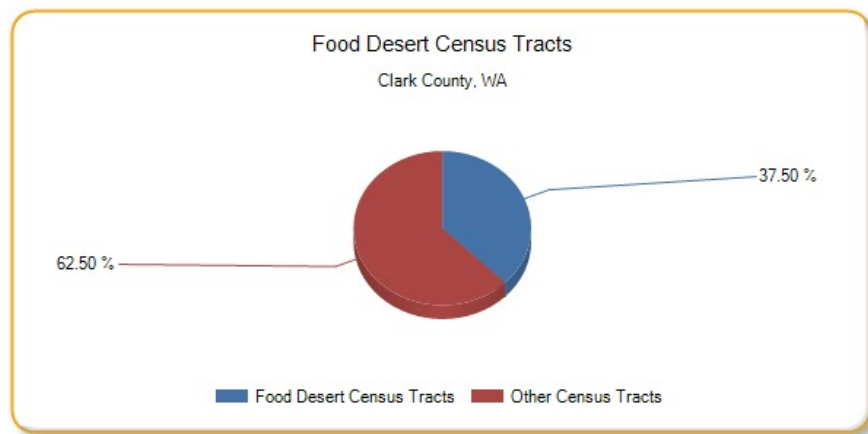
- Over 25.0%
- 15.1 - 25.0%
- 5.1 - 15.0%
- 0.1 - 5.0%
- None
- Report Area

### Food Access - Food Desert Census Tracts

This indicator reports the number of neighborhoods in the report area that are within food deserts.

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Clark County, WA	425,363	39	65	177,742	247,621
Washington	6,724,540	617	838	3,037,727	3,686,813
United States	308,745,538	27,527	45,337	129,885,212	178,860,326

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#). 2015.



**Food Desert Census Tracts, 1 Mi. / 10 Mi. by Tract, FARA 2015**

- Food Desert
- Not a Food Desert
- No Data
- Report Area

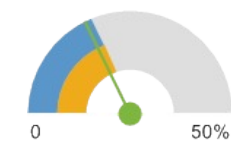
### Food Access - Low Income & Low Food Access

Report Area	Total Population	Low Income Population	Low Income Population with Low Food Access	Percent Low Income Population with Low Food Access
Clark County, WA	425,363	119,362	20,980	<b>17.58%</b>
Washington	6,724,540	2,003,811	392,154	19.57%
United States	308,745,538	106,758,543	20,221,368	18.94%

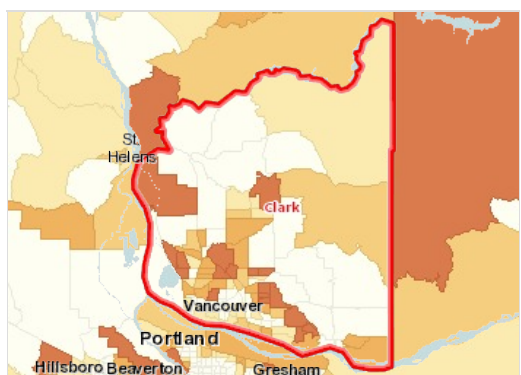
Note: This indicator is compared with the state average.

Data Source: US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#), 2015. Source geography: Tract

**Percent Low Income Population with Low Food Access**



- Clark County, WA (17.58%)
- Washington (19.57%)
- United States (18.94%)



**Population with Limited Food Access, Low Income, Percent by Tract, FARA 2015**

- Over 50.0%
- 20.1 - 50.0%
- 5.1 - 20.0%
- Under 5.1%
- No Low Food Access
- Report Area

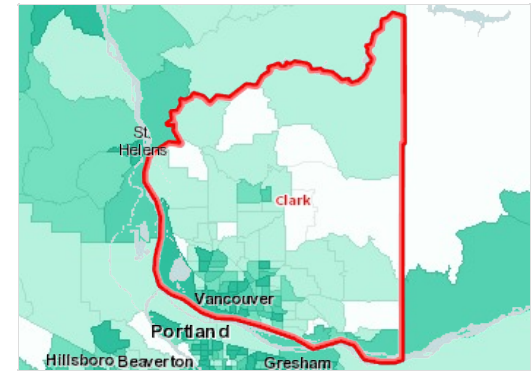
### Housing - Assisted Housing

This indicator reports the total number of HUD-funded assisted housing units available to eligible renters as well as the unit rate

(per 10,000 total households).

Report Area	Total Housing Units (2010)	Total HUD-Assisted Housing Units	HUD-Assisted Units, Rate per 10,000 Housing Units	HUD-Assisted Units, Rate per 10,000 Housing Units
Clark County, WA	167,413	3,882	231.88	<div> </div> <div> <div>Clark County, WA (231.88)</div> <div>Washington (304.52)</div> <div>United States (375.41)</div> </div>
Washington	2,885,677	87,875	304.52	
United States	133,341,676	5,005,789	375.41	

Note: This indicator is compared with the state average.  
 Data Source: [US Department of Housing and Urban Development](#). 2016. Source geography: County



Assisted Housing Units, All by Tract, HUD 2016

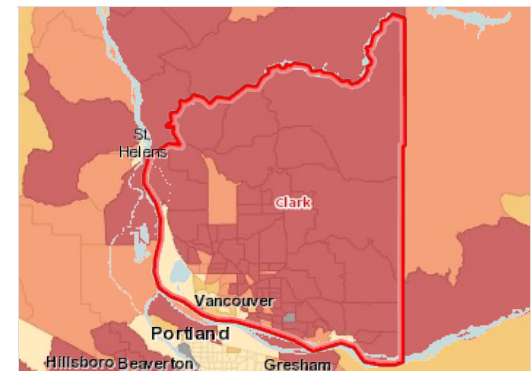
- Over 60
- 31 - 60
- 11 - 30
- 1 - 10
- No Units
- Report Area

### Housing - Housing Unit Age

This indicator reports, for a given geographic area, the median year in which all housing units (vacant and occupied) were first constructed. The year the structure was built provides information on the age of housing units. These data help identify new housing construction and measures the disappearance of old housing from the inventory, when used in combination with data from previous years. This data also serves to aid in the development of formulas to determine substandard housing and provide assistance in forecasting future services, such as energy consumption and fire protection.

Report Area	Total Housing Units	Median Year Structures Built
Clark County, WA	170,937	1989
Washington	2,942,127	1980
United States	133,351,840	1976

Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract



Median Year Structure Built by Tract, ACS 2011-15

- Newer than 1985
- 1976 - 1985
- 1966 - 1975
- Older than 1966
- No Data or Data Suppressed
- Report Area

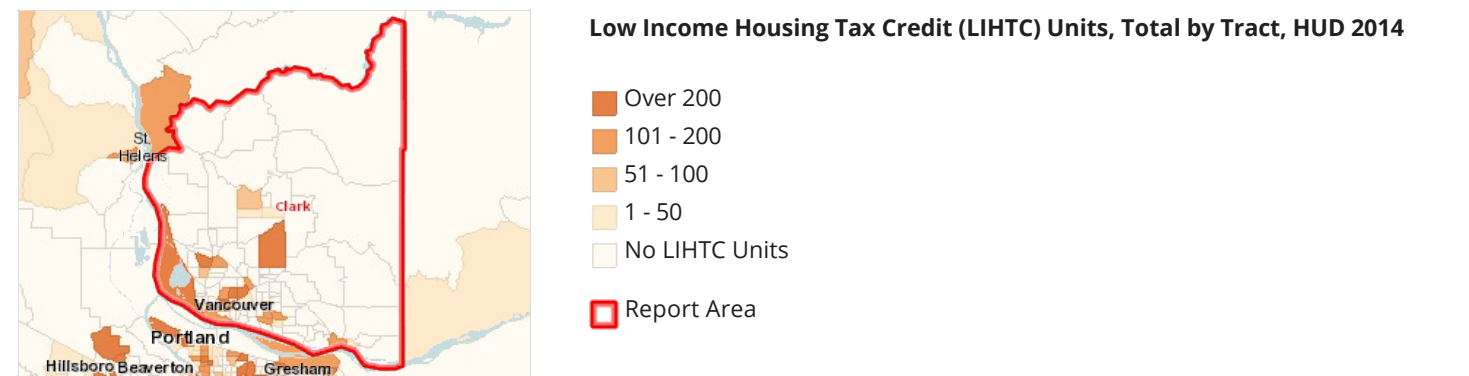
### Housing - LIHTC

The Low Income Housing Tax Credit (LIHTC) program gives State and local LIHTC-allocating agencies the equivalent of nearly \$8 billion in annual budget authority to issue tax credits for the acquisition, rehabilitation, or new construction of rental housing

targeted to lower-income households. This indicator reports the total number of housing units benefiting from Low Income Housing Tax Credits.

Report Area	LIHTC Properties	LIHTC Units
Clark County, WA	39	3,749
Washington	1,050	75,188
United States	43,092	2,784,155

Data Source: [US Department of Housing and Urban Development](#). 2014. Source geography: County

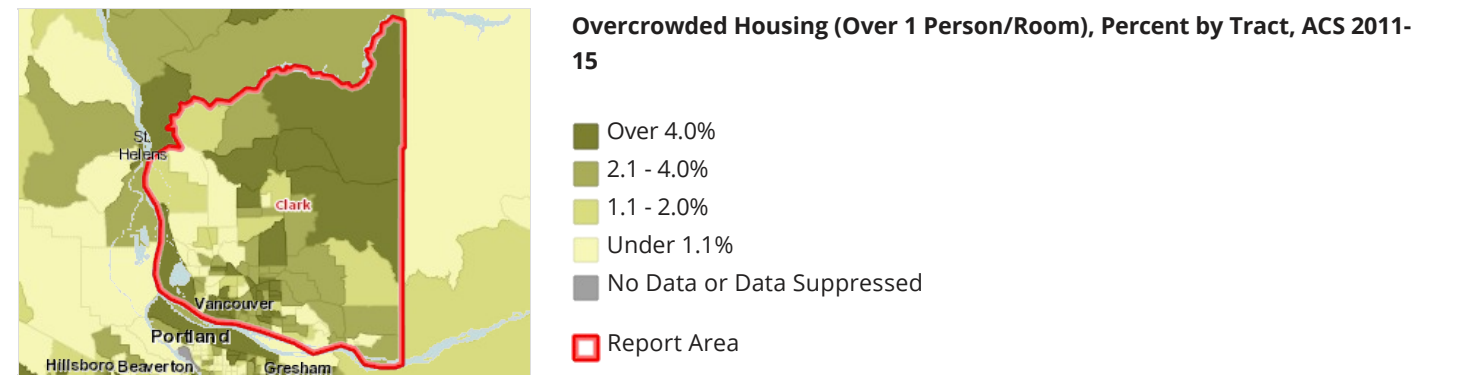
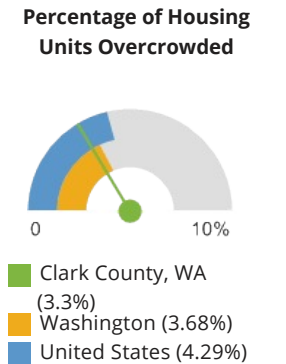


### Housing - Overcrowded Housing

This indicator reports data on overcrowded housing from the latest 5-year American Community Survey. The Census Bureau has no official definition of crowded units, but this report considers units with more than one occupant per room to be crowded.

Report Area	Total Occupied Housing Units	Overcrowded Housing Units	Percentage of Housing Units Overcrowded
Clark County, WA	144,042	4,760	3.3%
Washington	2,205,140	81,204	3.68%
United States	90,647,126	3,889,851	4.29%

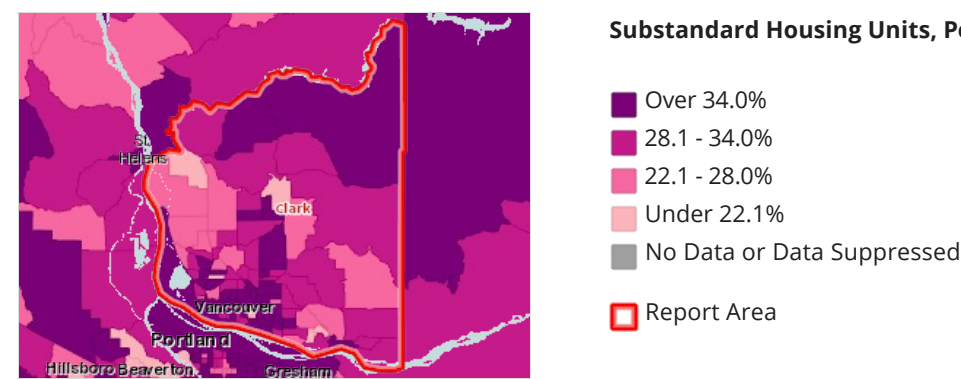
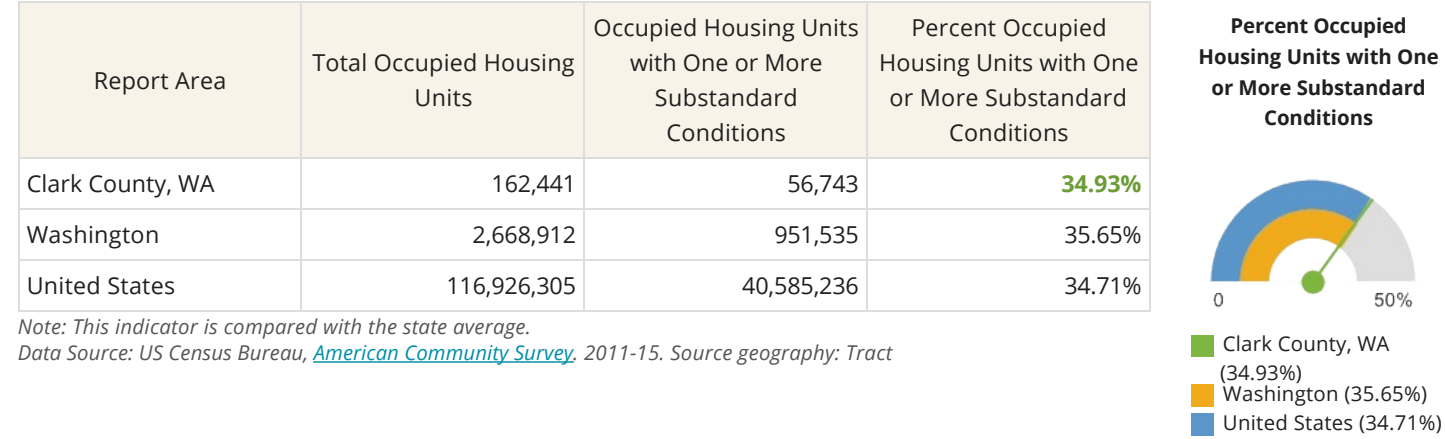
Note: This indicator is compared with the state average.  
Data Source: US Census Bureau, [American Community Survey](#). 2011-15. Source geography: Tract



### Housing - Substandard Housing

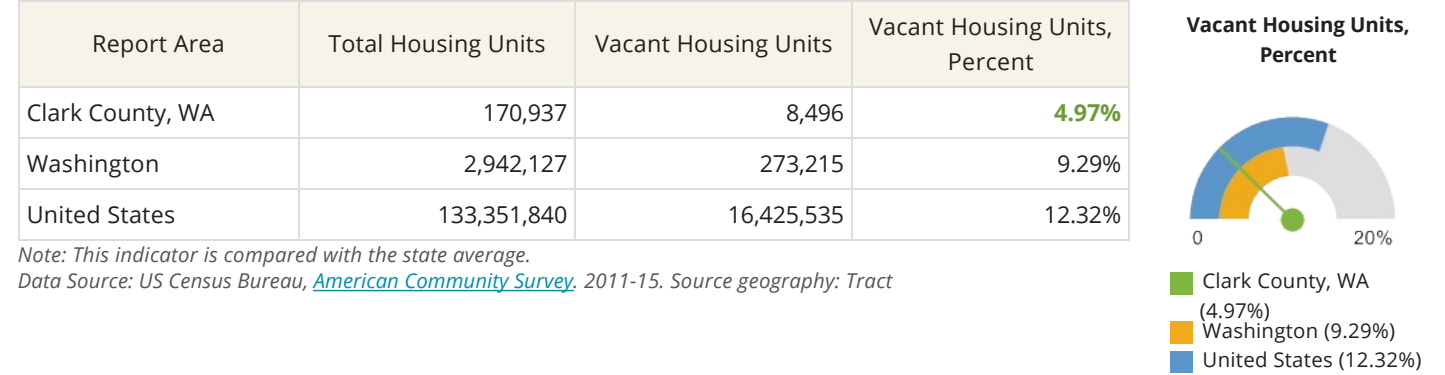
This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1.01 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and

its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard.

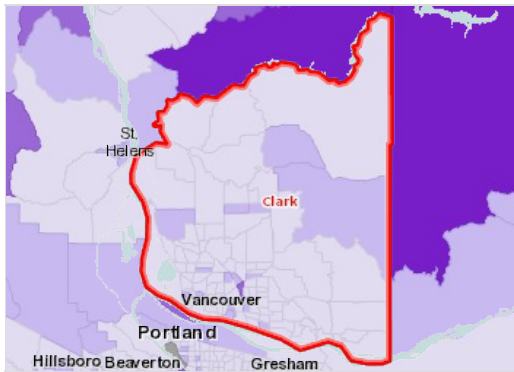


### Housing - Vacancy Rate

This indicator reports the number and percentage of housing units that are vacant. A housing unit is considered vacant by the American Community Survey if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as “vacant.”







**Vacant Housing Units, Percent by Tract, ACS 2011-15**

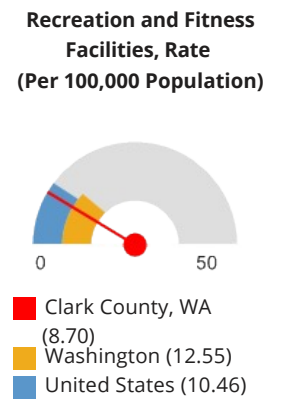
- Over 20.0%
- 14.1 - 20.0%
- 8.1 - 14.0%
- Under 8.1%
- No Data or Data Suppressed
- Report Area

### Recreation and Fitness Facility Access

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Clark County, WA	425,363	37	8.70
Washington	6,724,540	844	12.55
United States	312,846,570	32,712	10.46

Note: This indicator is compared with the state average.  
 Data Source: US Census Bureau, [County Business Patterns](#). Additional data analysis by [CARES](#), 2015. Source geography: County



**Recreation and Fitness Facilities, Rate (Per 100,000 Pop.) by ZCTA, CBP 2015**

- Over 12.0
- 8.1 - 12.0
- 4.1 - 8.0
- Under 4.1
- No Fitness and Recreation Centers
- Report Area

### Use of Public Transportation

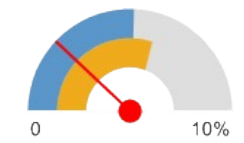
This indicator reports the percentage of population using public transportation as their primary means of commute to work. Public transportation includes buses or trolley buses, streetcars or trolley cars, subway or elevated rails, and ferryboats.

Report Area	Total Population Employed Age 16	Population Using Public Transit for Commute to Work	Percent Population Using Public Transit for Commute to Work
Clark County, WA	197,159	4,737	<b>2.4%</b>
Washington	3,236,166	195,559	6.04%
United States	143,621,171	7,362,038	5.13%

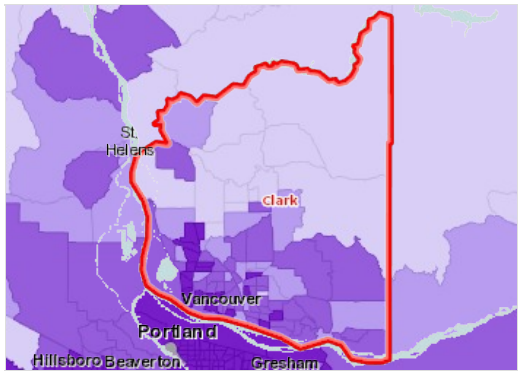
Note: This indicator is compared with the state average.

Data Source: US Census Bureau, [American Community Survey](#), 2011-15. Source geography: Tract

**Percent Population Using Public Transit for Commute to Work**



■ Clark County, WA (2.4%)  
■ Washington (6.04%)  
■ United States (5.13%)



**Workers Traveling to Work Using Public Transit, Percent by Tract, ACS 2011-15**

- Over 4.0%
- 1.1 - 4.0%
- 0.1 - 1.0%
- No Workers Using Public Transit
- No Data or Data Suppressed
- Report Area

## Clinical Care

A lack of access to care presents barriers to good health. The supply and accessibility of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

### Access to Dentists

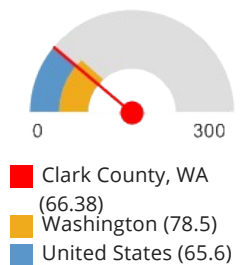
This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists - qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.

Report Area	Total Population, 2015	Dentists, 2015	Dentists, Rate per 100,000 Pop.
Clark County, WA	459,495	305	<b>66.38</b>
Washington	7,170,351	5,628	78.5
United States	321,418,820	210,832	65.6

Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Area Health Resource File](#). 2015. Source geography: County

**Dentists, Rate per 100,000 Pop.**



**Access to Dentists, Rate per 100,000 Pop. by County, AHRF 2015**

- Over 50.0
- 35.1 - 50.0
- 20.1 - 35.0
- Under 20.1
- No Dentists
- Report Area

### Access to Mental Health Providers

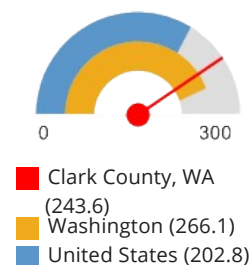
This indicator reports the rate of the county population to the number of mental health providers including psychiatrists, psychologists, clinical social workers, and counsellors that specialize in mental health care.

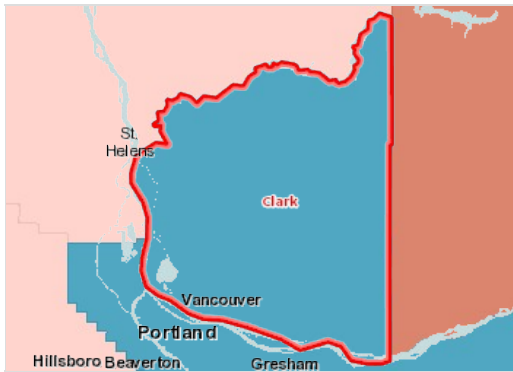
Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Clark County, WA	451,001	1,099	410.4	<b>243.6</b>
Washington	7,061,561	18,796	375.7	266.1
United States	317,105,555	643,219	493	202.8

Note: This indicator is compared with the state average.

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#). 2016. Source geography: County

**Mental Health Care Provider Rate (Per 100,000 Population)**





## Access to Mental Health Care Providers, Rank by County, CHR 2016

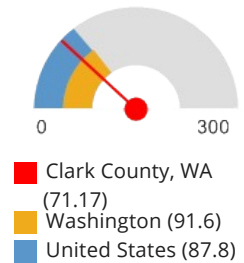
- 1st Quartile (Top 25%)
- 2nd Quartile
- 3rd Quartile
- 4th Quartile (Bottom 25%)
- Bottom Quintile (Rhode Island Only)
- No Data or Data Suppressed; -1
- Report Area

## Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population, 2014	Primary Care Physicians, 2014	Primary Care Physicians, Rate per 100,000 Pop.
Clark County, WA	451,008	321	71.17
Washington	7,061,530	6,468	91.6
United States	318,857,056	279,871	87.8

## Primary Care Physicians, Rate per 100,000 Pop.



Note: This indicator is compared with the state average.

Data Source: US Department of Health & Human Services, Health Resources and Services Administration, [Area Health Resource File](#). 2014. Source geography: County



## Access to Primary Care Physicians, Rate per 100,000 Pop. by County, AHRF 2014

- Over 80.0
- 60.1 - 80.0
- 40.1 - 60.0
- Under 40.1
- No Primary Care Physicians or No Data
- Report Area

## Dental Care Utilization

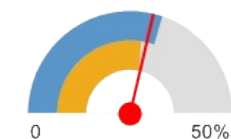
This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18 )	Total Adults Without Recent Dental Exam	Percent Adults with No Dental Exam
Clark County, WA	303,129	87,087	<b>28.7%</b>
Washington	5,083,627	1,406,329	27.7%
United States	235,375,690	70,965,788	30.2%

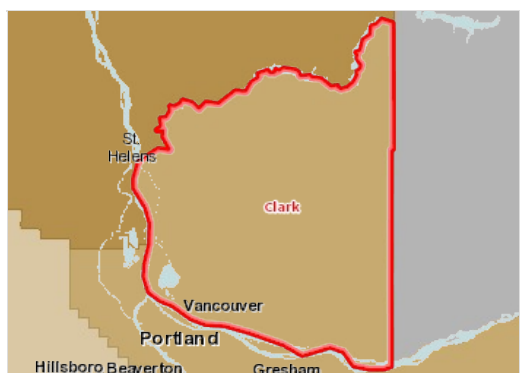
Note: This indicator is compared with the state average.

Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#). 2006-10. Source geography: County

**Percent Adults Without Recent Dental Exam**



■ Clark County, WA (28.7%)  
■ Washington (27.7%)  
■ United States (30.2%)



**Adults Age 18 Without Dental Exam in Past 12 Months, Percent by County, BRFSS 2006-10**

■ Over 42.0%  
■ 34.1 - 42.0%  
■ 26.1 - 34.0%  
■ Under 26.1%  
■ No Data or Data Suppressed  
■ Report Area

Please see [Health Indicators Report footnotes](#) for information about the data background, analysis methodologies and other related notes.

Report prepared by [Community Commons](#), August 07, 2017.