

# Community Assessment, Planning, and Evaluation report appendix



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Health Assessment and Evaluation Unit  
Clark County Public Health

This appendix includes information on each health indicator in more detail than is included in the report. Specific information about each indicator includes:

- **Data tables** include data that correspond to the graphs provided in the report, with data on trend over time and inequities.
- **Data sources** include specific information on where data were obtained and/or are available.
- **Technical notes** include technical details such as when data are not available or cannot be displayed, data inclusion or exclusion criteria for the indicator, caveats when interpreting the data, or other detailed information about the indicator not included in the report.

#### **Indicator selection process**

Indicators included in this report were identified with input from community members and Clark County Public Health employees. A list of 120 potential health-related topics was compiled from community health indicator lists at local health departments and other sources. Eighty-nine (89) Clark County Public Health employees in 11 programs and 114 stakeholders representing 10 Clark County community groups voted on which indicators they believed were important to look at in our community. The 30 topics which received the most votes were identified and condensed to 9 health areas to include in the report. Specific health indicators were then identified within each of the 9 health areas. Considerations when selecting indicators included:

- Availability of Clark County-specific data, comparable Washington State data, and data over time
- Clark County data could be analyzed by demographic variables, including sub-county geographic regions, race/ethnicity, gender, socioeconomic status, and age
- Indicator data were reliable and a valid measure of the health issue
- Healthy People 2010 objective was available
- Indicator was a commonly used indicator of the health issue
- Indicators measure the health issue at multiple levels of the socioecological model

Indicators that best met these criteria were included in the report.

#### **Determining statistical significance using statistical tests**

When possible, statistical tests were used to identify differences between groups or over time. Statistical tests used in this report include:

- Chi-square tests were done in Stata software or the Open Epi program.
- JoinPoint software was used to determine trends over time for some indicators.

When statistical tests were used to determine statistical significance, the terms “were higher/lower/similar” or “increased/decreased/did not change” were used. A p-value of 0.05 was used as the cutoff.

## **Data Limitations**

### **Healthy Youth Survey response rates**

The Washington State Department of Health provides guidelines for the use of Healthy Youth Survey data in relation to response rates for each grade level. Guidelines indicate that response rates of 70% or greater are probably representative of students in that grade. Response rates between 40% and 69% may be representative of students in that grade, and below 40% should not be interpreted as representative of the students in that grade. Data from grade levels and years with response rates below 40% are not included in this report. In Clark County, response rates for grades 8, 10, and 12 in both 2004 and 2006, and for grades 10 and 12 in 2008, were between 40% and 69%; accordingly, data from those years should be interpreted with caution.

### **Behavioral Risk Factor Surveillance System**

BRFSS results have several limitations. Because the survey was conducted using residents' telephone numbers, residents living in households without a telephone were not included. Cellular telephone numbers were not included in the survey sampling, so households with only cellular service were not included. Surveys were conducted in English and Spanish only. Potential respondents were not always available or willing to participate in the survey. Also, because the survey relied on the respondents' own report, some data may be overestimated or underestimated.

### **Approximating statistical significance using confidence intervals**

When analyzing data, we determined how likely an apparent difference between two figures represented a real difference between the two figures, versus being due to chance. When statistical tests could not be performed or were not available, 95% confidence intervals (denoted as "95% CI") were used to approximate statistical significance. When we used confidence intervals to approximate statistical significance, the terms "appeared to be higher/lower", or "appeared to increase/decrease" indicate that two confidence intervals did not overlap and we are 95% confident that there exists a real difference between the two figures. If two figures are described as "appeared to be similar" or "did not appear to change," this indicates that their confidence intervals overlapped and, even if they appear to be different, this difference is likely due to chance as opposed to a real difference.

The American Community Survey uses 90% confidence intervals as opposed to 95% confidence intervals.

### **Maps**

Quartiles were used to classify health data for the maps. Due to limitations in how GIS labels categories, rates at the bottom of each quartile may be overestimated. Consult this appendix if an exact rate for a specific geography is needed.

**Introduction - All-cause mortality rate**

All-cause mortality includes deaths from all causes per 100,000 population. Rates are age-adjusted.

**All-cause mortality rate per 100,000 in Clark County and Washington State**

Year	Clark County			Washington State		
	Rate	95% CI	Deaths	Rate	95% CI	Deaths
1999	838.9	(804.2, 875.1)	2,237	818.4	(810.8, 826.2)	43,790
2000	851.1	(816.7, 887.1)	2,341	803.9	(796.4, 811.5)	43,902
2001	803.8	(771.0, 838.1)	2,292	797.9	(790.5, 805.3)	44,563
2002	835.1	(802.4, 869.3)	2,490	790.4	(783.1, 797.8)	45,242
2003	807.5	(775.8, 840.5)	2,492	782.0	(774.8, 789.2)	45,805
2004	814.4	(783.2, 847.0)	2,625	745.9	(738.9, 752.9)	44,703
2005	813.7	(783.1, 845.8)	2,714	748.0	(741.2, 755.0)	46,015
2006	762.5	(733.4, 793.0)	2,653	722.8	(716.2, 729.5)	45,877
2007	729.9	(701.9, 759.2)	2,648	722.2	(715.6, 728.8)	47,114
2008	741.8	(713.9, 770.9)	2,760	725.3	(718.8, 731.9)	48,550

**All-cause mortality rate: Inequities in Clark County, 2004 to 2008**

Demographic characteristic		Rate	95% CI	Deaths
Gender	Female	667.9	(651.8, 684.4)	6,759
	Male	904.9	(882.5, 928.0)	6,641
Race/ethnicity	White	775.6	(762.0, 789.5)	12,685
	Hispanic	776.8	(643.4, 943.1)	197
	Asian	662.0	(560.6, 789.0)	205
	Black	1,046.5	(869.9, 1,270.4)	161
	Native American	688.9	(489.4, 1,019.7)	57
	Pacific Islander	982.8	(667.5, 1,495.5)	37
Age group	0-3	109.1	(91.3, 129.3)	133
	4-11	8.6	(5.3, 13.1)	21
	12-19	33.2	(26.3, 41.5)	78
	20-49	132.4	(124.8, 140.3)	1,132
	50-64	625.4	(600.0, 651.6)	2,279
Appears to increase with age	65+	4,958.6	(4,860.7, 5,058.0)	9,757
Education Level		#	#	#
Geographic location Unable to identify inequities	98601	1,081.7	#	84
	98604	685.8	#	893
	98606	844.6	#	234
	98607	713.2	#	663
	98629	707.7	#	190
	98642	684.2	#	446
	98660	676.3	#	458
	98661	723.6	#	1,431
	98662	790.5	#	1,130
	98663	821.1	#	690
	98664	840.9	#	1,063
	98665	825.6	#	980
	98671	638.7	#	554
	98674	840.6	#	463
	98675	630.5	#	119
	98682	1,028.7	#	1,129
	98683	744.4	#	1,273
	98684	1,128.5	#	792
98685	733.8	#	721	
98686	834.3	#	468	

**Data sources**

Vital Registration System, Annual Statistics Files, Deaths 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

**Technical notes**

# Data not available for this sub-group for this indicator.

The age-adjusted death rate is defined as the number of deaths per 100,000 persons using the 2000 U.S. Standard Population to remove the effects of age on mortality.

All-cause mortality data reported by age group are age-specific rates as opposed to age-adjusted rates.

Death data were coded using ICD-10 codes (all).

Percent missing data not available for this indicator.

Racial groups exclude Hispanic.

**Introduction - Life expectancy**

Life expectancy is the number of years the average person born in a given year will live, based on current mortality trends.

<b>Life expectancy in Clark County and Washington State</b>				
<b>Year</b>	<b>Clark County</b>		<b>Washington State</b>	
	<b>Life Expectancy</b>	<b>95% CI</b>	<b>Life Expectancy</b>	<b>95% CI</b>
1998	77.8	(77.3, 78.3)	78.2	(78.0, 78.3)
1999	78.1	(77.6, 78.6)	78.2	(78.1, 78.3)
2000	77.9	(77.4, 78.4)	78.4	(78.3, 78.5)
2001	78.4	(77.9, 78.9)	78.5	(78.4, 78.6)
2002	78.1	(77.6, 78.6)	78.6	(78.4, 78.7)
2003	78.6	(78.1, 79.1)	78.7	(78.6, 78.8)
2004	78.3	(77.8, 78.7)	79.3	(79.2, 79.4)
2005	78.5	(78.0, 78.9)	79.3	(79.2, 79.4)
2006	79.3	(78.9, 79.8)	79.7	(79.6, 79.8)
2007	79.6	(79.2, 80.1)	79.7	(79.6, 79.8)

<b>Life expectancy: Inequities in Clark County, 2003-2007</b>			
<b>Demographic characteristic</b>		<b>Rate</b>	<b>95% CI</b>
<b>Gender</b>	<b>Female</b>	80.9	(80.7, 81.2)
	<b>Male</b>	76.7	(76.4, 77.0)
<b>Race/ethnicity</b>	<b>White</b>	78.8	(78.6, 79.0)
	<b>Black</b>	75.3	(73.5, 77.2)
	<b>Native American</b>	78.7	(75.5, 81.9)
	<b>Asian/Pacific Islander</b>	81.9	(80.7, 83.1)
	<b>Hispanic</b>	80.1	(78.4, 81.8)
<b>Age group</b>		<b>#</b>	<b>#</b>
<b>Education Level</b>		<b>#</b>	<b>#</b>
	<b>98601</b>	75.5	#
	<b>98604</b>	79.7	#
	<b>98606</b>	77.9	#
	<b>98607</b>	80.3	#
	<b>98629</b>	79.7	#
	<b>98642</b>	79.2	#
	<b>98660</b>	80.1	#
<b>Geographic location</b> Unable to identify inequities	<b>98661</b>	79.2	#
	<b>98662</b>	78.7	#
	<b>98663</b>	77.5	#
	<b>98664</b>	77.8	#
	<b>98665</b>	77.8	#
	<b>98671</b>	80.6	#
	<b>98674</b>	77.4	#
	<b>98675</b>	82.1	#
	<b>98682</b>	77.0	#
	<b>98683</b>	80.6	#
	<b>98684</b>	75.7	#
	<b>98685</b>	79.3	#
	<b>98686</b>	79.0	#

**Data sources**

Vital Registration System, Annual Statistics Files, Deaths 1980-2007. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Population Estimates for Public Health Assessment, Population Estimates 1990-2007. [Data file]. Olympia, WA: Washington State Department of Health, Vista Partnership, and Krupski Consulting. December 2007.

Public Health: Seattle & King County, Epidemiology, Planning, & Evaluation. (1991-2008). VistaPHw version 7.3.0.4, 2008 [Computer software for public health assessment]. Seattle, WA.

**Technical notes**

# Data not available for this sub-group for this indicator.

Life expectancy at birth is defined as the number of years a typical person will live in a given population. This value is calculated using a life table which relies on death data and population estimates.

Percent missing data not available for this indicator.

Racial groups exclude Hispanic.

**Introduction - Leading causes of death**

These are the most common causes of death in the population as categorized by the Centers for Disease Control and Prevention, National Center for Health Statistics.

**Leading causes of death in Clark County and Washington State, 2008**

	Cause of Death	Rank	Deaths
Clark County	Cancer	1	703
	Heart disease	2	591
	Chronic lung disease	3	179
	Alzheimer's disease	4	157
	Cerebrovascular disease	5	134
Washington State	Cancer	1	11,593
	Heart disease	2	10,868
	Alzheimer's disease	3	3,104
	Chronic lung disease	4	2,933
	Cerebrovascular disease	5	2,765

**Leading causes of death in Clark County and Washington State, 1999**

	Cause of Death	Rank	Deaths
Clark County	Cancer	1	550
	Heart disease	2	548
	Cerebrovascular disease	3	200
	Chronic lung disease	4	138
	Unintentional injuries	5	100
Washington State	Heart disease	1	11,478
	Cancer	2	10,641
	Cerebrovascular disease	3	3,705
	Chronic lung disease	4	2,706
	Unintentional injuries	5	1,914

**Leading causes of death: Inequities in Clark County by gender, 2004 to 2008**

Gender	Cause of Death	Rank	Deaths
Female	Cancer	1	1,668
	Heart disease	2	1,411
	Cerebrovascular disease	3	475
	Alzheimer's disease	4	454
	Chronic lung disease	5	450
Male	Cancer	1	1,751
	Heart disease	2	1,540
	Unintentional injuries	3	424
	Chronic lung disease	4	379
	Cerebrovascular disease	5	310

**Leading causes of death: Inequities in Clark County by race/ethnicity, 2004 to 2008**

<b>Race/ ethnicity</b>	<b>Cause of Death</b>	<b>Rank</b>	<b>Deaths</b>
<b>White</b>	<b>Cancer</b>	1	3,213
	<b>Heart disease</b>	2	2,827
	<b>Chronic lung disease</b>	3	806
	<b>Cerebrovascular disease</b>	4	747
	<b>Alzheimer's disease</b>	5	654
<b>Black</b>	<b>Cancer</b>	1	38
	<b>Heart disease</b>	2	36
	<b>Unintentional injuries</b>	3	13
	<b>Diabetes</b>	4	11
	<b>Cerebrovascular disease</b>	5	10
<b>Native American</b>	<b>Cancer</b>	1	25
	<b>Heart disease</b>	2	9
	<b>Chronic lung disease</b>	3	5
	<b>N/A</b>	4	+
	<b>N/A</b>	5	+
<b>Asian</b>	<b>Cancer</b>	1	70
	<b>Heart disease</b>	2	34
	<b>Cerebrovascular disease</b>	3	18
	<b>Diabetes</b>	4	15
	<b>Unintentional injuries</b>	5	11
<b>Hispanic</b>	<b>Cancer</b>	1	46
	<b>Heart disease</b>	2	28
	<b>Unintentional injuries</b>	3	17
	<b>Homicide</b>	4	13
	<b>Diabetes</b>	5	8
<b>Pacific Islander</b>	<b>Cancer</b>	1	11
	<b>Heart disease</b>	2	6
	<b>N/A</b>	3	+
	<b>N/A</b>	4	+
	<b>N/A</b>	5	+

**Leading causes of death: Inequities in Clark County by age group, 2004 to 2008**

<b>Age group</b>	<b>Cause of Death</b>	<b>Rank</b>	<b>Deaths</b>
<b>&lt;1<sup>o</sup></b>	<b>Congenital abnormalities</b>	1	22
	<b>SIDS</b>	2	17
	<b>Disorders related to prematurity/low birth weight</b>	3	16
	<b>Unintentional injuries</b>	4	11
	<b>Complications of placenta, cord, or membranes</b>	5	6
<b>1 to 11</b>	<b>Unintentional injuries</b>	1	11
	<b>Cancer</b>	2	6
	<b>N/A</b>	3	+
	<b>N/A</b>	4	+
	<b>N/A</b>	5	+
<b>12 to 19</b>	<b>Unintentional injuries</b>	1	30
	<b>Suicide</b>	2	14
	<b>Cancer</b>	3	9
	<b>Homicide</b>	4	5
	<b>N/A</b>	5	+
<b>20 to 49</b>	<b>Unintentional injuries</b>	1	285
	<b>Cancer</b>	2	225
	<b>Suicide</b>	3	134
	<b>Heart disease</b>	4	122
	<b>Homicide</b>	5	35
<b>50 to 64</b>	<b>Cancer</b>	1	897
	<b>Heart disease</b>	2	382
	<b>Unintentional injuries</b>	3	116
	<b>Chronic lung disease</b>	4	105
	<b>Diabetes</b>	5	91
<b>65+</b>	<b>Heart disease</b>	1	2,443
	<b>Cancer</b>	2	2,282
	<b>Chronic lung disease</b>	3	714
	<b>Cerebrovascular disease</b>	4	693
	<b>Alzheimer's disease</b>	5	659

**Leading causes of death: Inequities in Clark County by zip code, 2004 to 2008**

Zip code	Leading Cause of Death	Deaths
98601	Cancer	29
98604	Cancer	236
98606	Heart disease	56
98607	Cancer	172
98629	Cancer	67
98642	Cancer	144
98660	Cancer	108
98661	Cancer	362
98662	Cancer	277
98663	Heart disease	167
98664	Heart disease	246
98665	Cancer	272
98671	Cancer	161
98674	Heart disease	121
98675	Cancer	29
98682	Cancer	293
98683	Heart disease	316
98684	Cancer	218
98685	Cancer	217
98686	Cancer	120

**Data sources**

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

Vital Registration System, Annual Statistics Files, Deaths 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Vital Registration System, Annual Statistics Files, Births 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Population Estimates for Public Health Assessment, Washington State Department of Health and Krupski Consulting. December 2009.

**Technical notes**

- + Counts or percents not reported for fewer than 5 occurrences.
- ◇ Leading causes of death for infants <1 year were classified using leading infant causes of death, which is calculated using linked birth-death data.

Percent missing data not available for this indicator.

Racial groups exclude Hispanic.

## Introduction - Leading causes of years of potential life lost (YPLL)

Years of potential life lost (YPLL) is the number of years a person's life is cut short at the time of death, given a possible life span of 85 years.

### Leading causes of YPLL per 100,000 in Clark County and Washington State, 2008

	Cause of Death	Rank	Total YPLL
Clark County	Cancer	1	10,600
	Heart disease	2	5,017
	Unintentional injuries	3	3,898
	Suicide	4	2,097
	Chronic lung disease	5	1,693
Washington State	Cancer	1	167,517
	Heart disease	2	98,458
	Unintentional injuries	3	82,256
	Suicide	4	33,740
	Chronic lung disease	5	27,340

### Leading causes of YPLL: Inequities in Clark County by gender, 2004 to 2008

Gender	Cause of Death	Rank	Total YPLL
Female	Cancer	1	25,227
	Heart disease	2	7,534
	Unintentional injuries	3	6,458
	Chronic lung disease	4	4,310
	Cerebrovascular disease	5	2,672
Male	Cancer	1	27,602
	Heart disease	2	17,897
	Unintentional injuries	3	15,862
	Suicide	4	7,948
	Chronic lung disease	5	3,679

### Leading causes of YPLL: Inequities in Clark County by race/ethnicity, 2004 to 2008

Race/ethnicity	Cause of Death	Rank	Total YPLL
White	Cancer	1	48,517
	Heart disease	2	23,274
	Unintentional injuries	3	20,190
	Suicide	4	9,613
	Chronic lung disease	5	7,713
Hispanic	Cancer	1	1,010
	Homicide	2	755
	Unintentional injuries	3	750
	Perinatal conditions	4	510
	Heart disease	5	465
Asian	Cancer	1	1,301
	Heart disease	2	442
	Unintentional injuries	3	346
	Cerebrovascular disease	4	277
	Diabetes	5	250
Black	Heart disease	1	807
	Cancer	2	765
	Unintentional injuries	3	590
	Diabetes	4	187
	Homicide	5	184
Native American	Cancer	1	599
	Heart disease	2	129
	Suicide	3	92
	Chronic lung disease	4	86
	Perinatal conditions	5	85
Pacific Islander	Cancer	1	263
	Unintentional injuries	2	130
	Heart disease	3	85
	Kidney disease	4	65
	Cerebrovascular disease	5	47

**Leading causes of YPLL: Inequities in Clark County by zip code, 2004 to 2008**

<b>Zip Code</b>	<b>Leading Cause of YPLL</b>	<b>Total YPLL</b>
98601	Cancer	377
98604	Cancer	3,852
98606	Cancer	937
98607	Cancer	2,495
98629	Cancer	1,286
98642	Cancer	2,424
98660	Cancer	1,415
98661	Cancer	5,836
98662	Cancer	4,121
98663	Cancer	2,196
98664	Cancer	3,193
98665	Cancer	3,976
98671	Cancer	2,743
98674	Cancer	1,834
98675	Cancer	531
98682	Cancer	5,362
98683	Cancer	3,305
98684	Cancer	3,562
98685	Cancer	3,244
98686	Cancer	1,896

**Data sources**

Vital Registration System, Annual Statistics Files, Deaths 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

**Technical notes**

The age-adjusted death rate is defined as the number of deaths per 100,000 persons using the 2000 U.S. Standard Population to remove the effects of age on mortality.

Death data were coded using ICD-10 codes.

Percent missing data not available for this indicator.

Racial groups exclude Hispanic.

## Introduction - Median household income

Median household income is derived from self-reported household earnings for the past 12 months. Income includes wages, commissions, salary, tips, social security, retirement and other types of income. Inequities are based on householder characteristics. Data are adjusted for inflation.

### Median household income in Clark County and Washington State

Year	Clark County		Washington State	
	Median Income (2008 dollars)	90% CI	Median Income (2008 dollars)	90% CI
2002	\$54,674	(\$50,985, \$58,363)	\$54,131	(\$52,205, \$56,057)
2003	\$53,776	(\$49,604, \$57,948)	\$54,005	(\$52,353, \$55,657)
2004	\$54,222	(\$49,712, \$58,732)	\$53,516	(\$52,298, \$54,734)
2005	\$55,427	(\$53,716, \$57,138)	\$53,711	(\$53,009, \$54,413)
2006	\$58,794	(\$57,145, \$60,443)	\$55,800	(\$55,292, \$56,308)
2007	\$60,060	(\$57,908, \$62,212)	\$57,450	(\$56,932, \$57,968)
2008	\$58,917	(\$56,002, \$61,832)	\$58,078	(\$57,503, \$58,653)

### Median household income: Inequities by householder demographics in Clark County, 2006-2008

Demographic characteristic	Median Income	90% CI
<b>Gender</b>	#	#
<b>Race/ethnicity</b>		
White	\$60,293	(\$59,324, \$61,262)
Hispanic	\$46,866	(\$41,430, \$52,302)
Asian	\$59,986	(\$49,571, \$70,401)
Native Hawaiian/PI	@	@
Black	\$42,990	(\$39,495, \$46,485)
Amer. Ind. Ak. Nat.	\$47,948	(\$39,092, \$56,804)
<b>Age group</b>		
Less than 25	\$36,605	(\$34,603, \$38,607)
25 to 44	\$61,753	(\$60,319, \$63,187)
45 to 64	\$69,640	(\$67,152, \$72,128)
65+	\$38,914	(\$37,216, \$40,612)
<b>Education level</b>		
Less than high school	\$24,146	(\$21,171, \$27,121)
High school graduate	\$31,073	(\$30,103, \$32,043)
Some college/ associate's degree	\$35,930	(\$34,661, \$37,199)
Bachelor's degree	\$51,170	(\$49,807, \$52,533)
Graduate/professional degree	\$60,540	(\$58,317, \$62,763)
<b>Geographic location</b>	&	&

#### Data sources

U.S. Census Bureau, 2002 – 2008 American Community Surveys.

ESRI, Inc. (2009). 2009/2014 Demographic Update [Data file]. Available from [http://www.esri.com/data/esri\\_data/demographic.html](http://www.esri.com/data/esri_data/demographic.html). Adapted from: Clark County Public Health. (forthcoming). *Clark county bicycle and pedestrian master plan health impact assessment*. Vancouver, WA

#### Technical notes

- @ Data not available from the American Community Survey.
- # Data not available or applicable for this sub-group for this indicator.
- & Because of the large number of census block groups in Clark County and the difficulty identifying them on a map without specialized computer software, block group-specific data are not included. If desired, these data can be obtained by contacting the Health Assessment & Evaluation Unit.

The *US Personal Consumption Expenditure Implicit Price Deflator* from the Bureau of Economic Analysis was used to convert pre-2008 figures to 2008 dollars.

Percent missing data not available for this indicator.

Racial groups do not exclude Hispanic.

Data are inflation-adjusted to 2008 dollars.

## Introduction - Adult educational attainment

Adult educational attainment is the percent of the population 25 years or older having attained a bachelor's degree or higher.

### Percent of adults aged 25 years or older with a bachelor's degree or higher in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		90% CI	Count		90% CI	Count
2002	23.4	(20.3, 26.5)	53,518	29.7	(28.5, 30.9)	1,151,574
2003	24.0	(21.0, 26.9)	57,472	30.2	(29.0, 31.4)	1,191,322
2004	27.3	(24.2, 30.4)	67,268	31.3	(30.1, 32.5)	1,251,813
2005	24.6	(23.3, 25.9)	63,465	30.1	(29.7, 30.5)	1,226,602
2006	25.3	(23.8, 26.8)	67,865	30.5	(30.1, 30.9)	1,296,339
2007	25.3	(24.0, 26.6)	69,368	30.3	(30.0, 30.6)	1,310,012
2008	25.7	(24.3, 27.1)	71,928	30.7	(30.3, 31.1)	1,347,084

### Adults with a bachelor's degree or higher: Inequities in Clark County, 2006-2008

Demographic characteristic		Percent	90% CI	Count
<b>Gender</b>	<b>Female</b>	<b>24.1</b>	(23.0, 25.2)	33,544
	<b>Male</b>	27.0	(25.8, 28.2)	36,166
<b>Race/ethnicity</b> Appears similar across race/ethnicity	<b>White</b>	25.3	@	62,050
	<b>Hispanic</b>	12.9	@	1,726
	<b>Asian</b>	45.5	@	4,961
	<b>Native Hawaiian/PI</b>	21.5	@	157
	<b>Black</b>	13.9	@	558
	<b>Amer. Ind. Ak. Nat.</b>	20.1	@	351
<b>Age group</b> Appears similar across age groups	<b>25 to 34</b>	23.1	(21.2, 25.0)	@
	<b>35 to 44</b>	27.0	(25.1, 28.9)	@
	<b>45 to 64</b>	27.7	(26.3, 29.1)	@
	<b>65+</b>	21.5	(19.2, 23.8)	@
<b>Education Level</b>		#	#	#
<b>Geographic location</b>		&	&	&

### Data sources

All data from U.S. Department of Commerce, U.S. Census Bureau. *American Community Survey*. Retrieved from [http://factfinder.census.gov/home/saff/main.html?\\_lang=en](http://factfinder.census.gov/home/saff/main.html?_lang=en)

- Clark County data 2002 to 2008 [1-Year Estimates] – Data Profiles, Social Characteristics
- Clark County data 2006-2008 [3-Year Estimates] – Detailed Tables
- Washington State data 2002 to 2008 [1-Year Estimates]

ESRI, Inc. (2009). 2009/2014 Demographic Update [Data file]. Available from [http://www.esri.com/data/esri\\_data/demographic.html](http://www.esri.com/data/esri_data/demographic.html). Adapted from: Clark County Public Health. (forthcoming). *Clark county bicycle and pedestrian master plan health impact assessment*. Vancouver, WA

### Technical notes

- @ Data not available from the American Community Survey.  
 # Data not available or applicable for this sub-group for this indicator.  
 & Because of the large number of census block groups in Clark County and the difficulty identifying them on a map without specialized computer software, block group-specific data are not included. If desired, these data can be obtained by contacting the Health Assessment & Evaluation Unit.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Percent missing data not available for this indicator.

Racial groups do not exclude Hispanic.

## Introduction - Free and reduced-priced meal participation

Free and reduced-priced meal participation is the percent of elementary school children participating in the free and reduced-priced meal (FRPM) program. Students whose household is at or below 185% of the federal poverty level are eligible for free or reduced-priced meals.

### Percent of elementary school students participating in the free and reduced-priced meal program in Clark County and Washington State

Year	Clark County			Washington State		
	Percent	95% CI	Count	Percent	95% CI	Count
2003-04	39.7	(39.1, 40.2)	12,025	42.1	(42.0, 42.2)	199,983
2004-05	37.6	(37.1, 38.2)	12,222	41.6	(41.5, 41.7)	199,481
2005-06	38.8	(38.3, 39.3)	12,593	42.0	(41.8, 42.1)	201,271
2006-07	39.4	(38.8, 39.9)	12,545	41.9	(41.8, 42.0)	203,957
2007-08	39.3	(38.8, 39.9)	12,597	42.7	(42.6, 42.9)	209,652
2008-09	40.5	(39.9, 41.0)	13,042	43.8	(43.7, 44.0)	213,710
2009-10	44.2	(43.7, 44.8)	14,404	46.4	(46.2, 46.5)	227,606

### Free and reduced-priced meal participation: Inequities in Clark County, 2009-10

Demographic characteristic	Percent	CI	Count	
<b>Gender</b>	#	#	#	
<b>Race/ethnicity</b>	#	#	#	
<b>Age group</b>	#	#	#	
<b>Education Level</b>	#	#	#	
<b>Geographic location* (School District)</b>	Battle Ground	44.5	(42.2, 46.9)	1,808
	Camas	18.6	(16.3, 20.9)	484
	Evergreen	45.4	(44.0, 46.8)	5,200
	Green Mountain	29.0	(17.4, 40.5)	40
	Hockinson	19.9	(15.7, 24.1)	160
	La Center	28.1	(23.1, 33.2)	202
	Ridgefield	28.1	(24.2, 32.0)	328
	Vancouver	54.9	(53.4, 56.3)	5,640
Washougal	40.8	(36.8, 44.8)	542	

### Data sources

Washington Office of Superintendent of Public Instruction, Child Nutrition. *Free and reduced-priced meal eligibility (October counts, 2003-2009)*. Retrieved March 2010 from <http://www.k12.wa.us/ChildNutrition/FreeReducedSchool.aspx>

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05, accessed.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

### Technical notes

# Data not available for this sub-group for this indicator.

\* Confidence interval width adjusted using the Bonferroni adjustment for geographical data to account for multiple comparisons.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Percent missing data not available for this indicator.

## Emotional health and substance abuse - Alcohol availability

This indicator includes the number of alcohol outlets serving the population per 1,000 residents. On-premise outlets are licensed to serve alcohol to be consumed at that location, such as restaurants and bars. Off-site outlets are licensed to sell alcohol that is to be consumed elsewhere, such as grocery stores and liquor stores.

### Alcohol outlet density per 1,000 residents in Clark County, 2008

Outlet Type	Rate	95% CI	Number of Outlets
Total	1.41	#	586
On-Premise	0.83	#	343
Off-Premise	0.59	#	243

### Total alcohol outlet density: Inequities in Clark County by zip code, 2008

Zip Code	Rate	95% CI	Number of Outlets
98601	^	#	5
98604	1.05	#	36
98606	^	#	7
98607	1.34	#	33
98629	^	#	10
98642	1.52	#	23
98660	4.08	#	49
98661	2.30	#	94
98662	1.79	#	54
98663	1.06	#	15
98664	1.00	#	22
98665	2.25	#	53
98671	1.26	#	25
98675	^	#	5
98682	0.54	#	27
98683	1.34	#	42
98684	1.89	#	49
98685	^	#	9
98686	0.84	#	15

#### Data sources

Washington State Liquor Control Board. Regulatory System *Database [AS/400]*. Date of use: 15 December 2008. Available: [http://www.liq.wa.gov/agency\\_contact.aspx](http://www.liq.wa.gov/agency_contact.aspx). [Public Records Request].

Population Estimates for Public Health Assessment, Population Estimates 1990-2007. [Data file]. Olympia, WA: Washington State Department of Health, Vista Partnership, and Krupski Consulting. December 2007.

#### Technical notes

^ Rates not calculated for counts of 10 or fewer.

# Data not available for this sub-group for this indicator.

Percent missing data not available for this indicator.

## Emotional health and substance abuse - Poor adult emotional health

Poor adult emotional health includes the percent of adults whose emotional health was not good for two weeks or more within the past month.

### Percent of adults with poor emotional health in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	9.4	(7.4, 11.7)	24,880	10.0	(9.5, 10.6)	452,125
2004	12.2	(10.1, 14.8)	33,664	10.7	(10.1, 11.3)	489,847
2005	10.0	(8.2, 12.1)	27,931	9.7	(9.1, 10.2)	449,808
2006	10.4	(8.6, 12.6)	30,128	9.4	(8.8, 10.0)	447,374
2007	9.0	(7.5, 10.9)	26,981	9.5	(9.0, 10.1)	463,729
2008	9.9	(8.1, 12.0)	30,227	9.8	(9.1, 10.4)	484,365

### Poor adult emotional health: Inequities in Clark County, 2003 to 2008

Demographic characteristic		Percent	95% CI	Count
Gender	Female	11.9	(10.8, 13.0)	17,440
	Male	8.3	(7.1, 9.6)	11,529
Race/ethnicity Unable to identify inequities	White	9.5	(8.7, 10.4)	23,397
	Hispanic	^	^	^
	Asian	^	^	^
	Native Hawaiian/PI	^	^	^
	Black	^	^	^
	Native American	^	^	^
Age group Decreased with age	18 to 24	13.8	(10.6, 17.8)	5,100
	25 to 34	12.2	(10.2, 14.6)	6,496
	35 to 44	9.9	(8.4, 11.7)	6,029
	45 to 54	10.3	(8.8, 11.9)	5,876
	55 to 64	8.9	(7.5, 10.6)	3,490
Education Level Decreased with education	65+	5.1	(4.4, 6.5)	1,978
	Less than HS Grad	19.3	(15.2, 24.2)	3,791
	HS Grad or GED	12.5	(10.8, 14.4)	9,686
	Some college	11.5	(10.1, 13.0)	11,492
≥ College degree	4.5	(3.7, 5.6)	3,955	
Geographic location	%	%	%	%

#### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

^ Rates not calculated for fewer than 50 survey responses.

% Could not be calculated due to small numbers.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Emotional health and substance abuse - Adult binge drinking

Adult binge drinking includes the percent of adults who binge drank in the past month. Binge drinking is defined as a man consuming five or more drinks, or a woman consuming four or more drinks, on one occasion.

### Percent of adult who binge drank in the past month in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Population		95% CI	Population
2006	11.3	(9.3, 13.7)	31,814	14.2	(13.4, 15.0)	664,155
2007	15.8	(13.3, 18.6)	46,458	15.9	(12.8, 16.7)	763,411
2008	14.6	(12.3, 17.3)	44,528	15.3	(14.5, 16.1)	745,037

### Adult binge drinking: Inequities in Clark County, 2006 to 2008

Demographic characteristic		Percent	95% CI	Population
<b>Gender</b>	<b>Female</b>	10.2	(8.8, 11.8)	15,346
	<b>Male</b>	17.9	(15.6, 20.5)	25,587
<b>Race/ethnicity</b> Unable to identify inequities	<b>White</b>	14.3	(12.8, 15.9)	36,160
	<b>Hispanic</b>	^	^	^
	<b>Asian</b>	^	^	^
	<b>Native Hawaiian/PI</b>	^	^	^
	<b>Black</b>	^	^	^
	<b>Native American</b>	^	^	^
<b>Age group</b> Decreased with age	<b>18 to 24</b>	^	^	^
	<b>25 to 34</b>	20.6	(16.8, 24.9)	11,192
	<b>35 to 44</b>	16.8	(14.2, 19.9)	10,291
	<b>45 to 54</b>	13.1	(10.9, 15.7)	7,545
	<b>55 to 64</b>	7.5	(5.8, 9.6)	3,108
	<b>65+</b>	^	^	^
<b>Education Level</b> Decreased with education	<b>Less than HS Grad</b>	^	^	^
	<b>HS Grad or GED</b>	17.0	(14.0, 20.5)	13,203
	<b>Some college</b>	12.9	(10.8, 15.2)	13,440
	<b>≥ College degree</b>	11.8	(10.0, 14.0)	10,842
<b>Geographic location</b>		%	%	%

### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

- ^ Rates not calculated for fewer than 50 survey responses.
- % Could not be calculated due to small numbers.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate of >15%.

### Emotional health and substance abuse - Suicide

Suicide includes intentional, self-inflicted deaths from all causes per 100,000 population. Rates are age-adjusted.

#### Suicide rate per 100,000 in Clark County and Washington State

Year	Clark County			Washington State		
	Rate	95% CI	Deaths	Rate	95% CI	Deaths
1999	14.4	(10.5, 19.3)	46	14.2	(13.2, 15.2)	819
2000	18.1	(13.8, 23.5)	60	12.4	(11.5, 13.3)	727
2001	14.2	(10.5, 18.9)	49	11.9	(11.0, 12.8)	710
2002	15.7	(11.8, 20.7)	55	13.4	(12.5, 14.4)	811
2003	12.1	(8.7, 16.3)	44	13.0	(12.1, 14.0)	801
2004	12.9	(9.6, 17.3)	49	13.2	(12.3, 14.2)	823
2005	12.6	(9.3, 16.8)	50	12.7	(11.8, 13.6)	814
2006	12.4	(9.1, 16.5)	50	12.2	(11.3, 13.0)	796
2007	16.0	(12.3, 20.6)	65	12.9	(12.1, 13.8)	857
2008	14.2	(10.8, 19.0)	61	13.0	(12.2, 14.0)	884

#### Suicide: Inequities in Clark County, 2004 to 2008

Demographic characteristic	Rate	95% CI	Deaths	
<b>Gender</b>	Female	6.4	(5.0, 8.4)	66
	Male	21.4	(18.6, 25.0)	209
<b>Race/ethnicity</b> Unable to identify inequities	White	14.5	(12.8, 16.5)	257
	Hispanic	^	^	7
	Asian	^	^	5
	Pacific Islander	^	^	^
	Black	^	^	^
	Native American	^	^	^
<b>Age group</b> Appears similar across age groups	0 to 3	^	^	^
	4 to 11	^	^	^
	12 to 19	^	^	14
	20 to 49	15.7	(13.1, 18.6)	134
	50 to 64	24.2	(19.4, 29.8)	88
	65+	19.8	(14.1, 27.1)	39
<b>Education Level</b>	#	#	#	
	98601	^	^	^
	98604	14.2	(8.81, 24.18)	22
	98606	^	^	^
	98607	^	^	^
	98629	^	^	^
	98642	^	^	^
	98660	^	^	^
<b>Geographic location</b> Appears similar by area	98661	20.4	(14.59, 28.71)	41
	98662	^	^	^
	98663	^	^	^
	98664	18.1	(11.01, 30.24)	20
	98665	^	^	^
	98671	^	^	^
	98674	^	^	^
	98682	10.9	(6.55, 21.87)	23
	98683	^	^	^
	98684	^	^	^
	98685	^	^	^
98686	^	^	^	

**Data sources**

Vital Registration System, Annual Statistics Files, Deaths 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Mental Health and Mental Disorders, 18-1, Suicide*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>.

**Technical notes**

^ Rates not calculated for counts fewer than 20.

# Data not available for this sub-group for this indicator.

The age-adjusted death rate is defined as the number of deaths per 100,000 persons using the 2000 U.S. Standard Population to remove the effects of age on mortality.

Suicide data reported by age group are age-specific rates as opposed to age-adjusted rates.

Racial groups exclude Hispanic.

Percent missing data not available for this indicator.

## Emotional health and substance abuse - Youth depression

Youth depression includes the percent of students reporting that they have felt so sad or hopeless almost every day for two weeks or more in a row during the past twelve months that they stopped doing their usual activities. Data are among tenth grade students unless otherwise noted.

### Percent of youth with depression in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2004	32.1	(30.5, 33.7)	N/A	32.6	(31.2, 34.0)	+
2006	28.2	(26.5, 29.8)	N/A	30.3	(28.9, 31.6)	+
2008	29.3	(27.9, 30.8)	N/A	30.2	(28.5, 32.0)	+

### Youth depression: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic	Percent	95% CI	Count		
Gender	Female	36.0	(34.7, 37.3)	+	
	Male	22.9	(21.7, 24.2)	+	
Race/ethnicity	White	28.5	(27.5, 29.6)	+	
	Hispanic	34.9	(31.1, 39.0)	+	
	Asian	29.7	(25.9, 33.8)	+	
	Native Hawaiian/PI	38.7	(31.5, 46.4)	+	
	Black	33.6	(28.7, 38.8)	+	
	Native American	37.3	(30.4, 44.8)	+	
Grade Level	8th Grade	26.0	(25.1, 26.9)	+	
	Increased with grade level	10th Grade	29.8	(28.9, 30.8)	+
	12th Grade	28.1	(27.1, 29.1)	+	
Mother's Level of Education	High School or Less	34.5	(32.9, 36.2)	+	
	> High School	26.4	(25.2, 27.7)	+	
Geographic Location	#	#	#		

### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

- + Population not reported for subgroups or Washington State.
- # Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Emotional health and substance abuse - Youth alcohol use

Youth alcohol use includes the percent of students reporting drinking a glass, can, or bottle of alcohol within the past 30 days. Data are among tenth grade students unless otherwise noted.

### Percent of youth who used alcohol in the past month in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2004	32.9	(31.3, 34.5)	N/A	32.6	(31.0, 34.2)	+
2006	29.7	(28.1, 31.4)	N/A	32.8	(31.2, 34.4)	+
2008	30.5	(29.1, 31.9)	N/A	31.7	(30.1, 33.4)	+

### Youth alcohol use: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count	
Gender	Female	30.7	(29.5, 32.0)	+	
	Similar by gender	Male	31.3	(30.0, 32.6)	+
Race/ethnicity	White	30.3	(29.2, 31.4)	+	
	Hispanic	37.8	(34.0, 41.8)	+	
	Asian	21.2	(17.9, 24.9)	+	
	Native Hawaiian/PI	37.2	(30.2, 44.7)	+	
	Black	34.2	(29.5, 39.3)	+	
	Native American	37.3	(30.7, 44.4)	+	
Grade Level	6th Grade	4.1	(3.7, 4.5)	+	
	Increased with grade level	8th Grade	16.3	(15.5, 17.2)	+
	10th Grade	31.0	(30.1, 31.9)	+	
	12th Grade	41.2	(40.2, 42.3)	+	
Mother's Level of Education	High School or Less	36.0	(34.4, 37.7)	+	
	> High School	28.5	(27.2, 29.8)	+	
Geographic Location		#	#	#	

### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

- + Population not reported for subgroups or Washington State.
- # Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Emotional health and substance abuse - Youth marijuana use

Youth marijuana use includes the percent of students reporting marijuana use within the past 30 days. Data are among tenth grade students unless otherwise noted.

### Percent of youth who used marijuana in the past month in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2004	16.5	(15.3, 17.9)	N/A	17.1	(15.8, 18.4)	+
2006	15.4	(14.2, 16.8)	N/A	18.3	(16.9, 19.8)	+
2008	18.9	(17.7, 20.1)	N/A	19.1	(17.9, 20.4)	+

### Youth marijuana use: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	15.2	(14.3, 16.2)	+
	Male	18.8	(17.8, 20.0)	+
Race/ethnicity	White	16.0	(15.2, 16.9)	+
	Hispanic	20.0	(17.0, 23.4)	+
	Asian	^	^	+
	Native Hawaiian/PI	^	^	+
	Black	26.5	(22.2, 31.3)	+
	Native American	^	^	+
Grade Level	6th Grade	1.2	(1.0, 1.4)	+
	8th Grade	7.5	(6.8, 8.2)	+
	10th Grade	17.0	(16.2, 17.7)	+
	12th Grade	21.5	(20.6, 22.4)	+
Mother's Level of Education	High School or Less	21.4	(20.1, 22.9)	+
	> High School	14.0	(13.0, 15.0)	+
Geographic Location		#	#	#

#### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

- + Population not reported for subgroups or Washington State.
- ^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.
- # Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Emotional health and substance abuse - Youth methamphetamine use

Youth methamphetamine use includes the percent of students reporting methamphetamine use within the past 30 days. Data are among tenth grade students unless otherwise noted.

### Percent of youth who used methamphetamine in the past month in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2004	2.8	(2.2, 3.4)	N/A	2.9	(2.4, 3.4)	+
2006	2.4	(1.9, 3.0)	N/A	2.9	(2.5, 3.5)	+
2008	3.0	(2.3, 3.9)	N/A	3.6	(2.9, 4.4)	+

### Youth methamphetamine use: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	2.1	(1.7, 2.5)	+
	Male	3.3	(2.8, 3.9)	+
Race/ethnicity	White	2.0	(1.7, 2.4)	+
	Hispanic	^	^	+
	Asian	^	^	+
	Native Hawaiian/PI	^	^	+
	Black	^	^	+
	Native American	^	^	+
Grade Level	8th Grade	1.3	(1.1, 1.6)	+
Increased with grade level	10th Grade	2.7	(2.3, 3.0)	+
	12th Grade	2.3	(2.0, 2.7)	+
Mother's Level of Education	High School or Less	3.2	(2.6, 3.9)	+
	> High School	2.1	(1.7, 2.6)	+
Geographic Location		#	#	#

#### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

- + Population not reported for subgroups or Washington State.
- ^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.
- # Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Environmental health - Greenhouse gas emissions

Per capita vehicle miles traveled (VMT) is an estimate of the total number of miles driven by all vehicles during a given year divided by the number of residents. Single occupancy vehicle commute trips is the percent of commuters who travel to work by driving alone.

### Annual vehicle miles traveled (VMT) per capita in Clark County and Washington State

Year	Clark County			Washington State		
	Per Capita VMT	95% CI	Total VMT (in thousands)	Per Capita VMT	95% CI	Total VMT (in thousands)
1998	7,665	#	2,514,107	9,031	#	51,926,356
1999	7,446	#	2,509,246	9,040	#	52,712,207
2000	7,611	#	2,625,650	9,133	#	53,829,104
2001	7,441	#	2,623,832	8,982	#	53,669,230
2002	7,466	#	2,713,014	9,066	#	54,776,644
2003	7,472	#	2,781,754	9,021	#	55,012,801
2004	7,052	#	2,702,891	9,027	#	55,674,821
2005	7,019	#	2,747,776	8,869	#	55,487,301
2006	6,981	#	2,816,721	8,867	#	56,531,930
2007	6,667	#	2,766,722	8,780	#	56,963,726

### Percent of commuters who travel to work alone by driving in Clark County and Washington State

Year	Clark County			Washington State		
	Percent	90% CI	Count	Percent	90% CI	Count
2002	77.0	#	130,961	74.7	#	2,062,739
2003	78.2	#	125,766	73.8	#	2,061,692
2004	77.3	#	132,941	75.3	#	2,108,777
2005	78.3	#	134,814	74.3	#	2,163,583
2006	78.3	#	153,425	72.8	#	2,206,093
2007	79.0	(77.2, 80.8)	156,350	73.1	#	2,259,602
2008	75.9	(74.5, 77.3)	152,008	71.5	(70.9, 72.1)	2,287,798

#### Data sources

Highway Performance Monitoring System, Clark County and Washington State 1981-2007. [Data file]. Olympia, WA: Washington State Department of Transportation, Data Section.

US Census 2000, Summary File 3 Sample Data. US Census Bureau. Accessed online 1/14/2009 at: [www.factfinder.census.gov](http://www.factfinder.census.gov).

American Community Survey, Economic Profile Summary Tables, Commuting to Work 2001-2008. US Census Bureau. Accessed online 4/28/10 at: [www.factfinder.census.gov](http://www.factfinder.census.gov).

#### Technical notes

# Data not available for this sub-group for this indicator.

Percent missing data not available for this indicator.

## Environmental health - Group B well water quality monitoring

This indicator includes the percent of Group B water systems inspected that are current on water monitoring requirements.

### Group B Well Water Quality Monitoring in Clark County

Year	Percent	95% CI	Number of Group B Systems Meeting Test Requirements
2002-2004	39.8	(30.4, 49.2)	41
2003-2005	39.1	(28.9, 49.3)	34
2004-2006	34.1	(24.2, 43.9)	30
2005-2007	42.2	(30.1, 54.3)	27
2006-2008	29.6	(22.0, 37.3)	40
2007-2009	21.4	(15.3, 27.4)	37

#### Data sources

Envision Database, Sanitary Surveys of Group B Water Systems 2002-2009. [Data file]. Vancouver, WA: Clark County Public Health, Water Program.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

#### Technical notes

Data not available for Washington State for this indicator.

Group B water systems are small public well systems with between 2 and 15 connections. The system manager is required to monitor the water quality by testing for bacteria and nitrates on a regular basis and keeping a record of the results. These systems are selected for inspection using a semi-random method.

Percent missing data not available for this indicator.

## Environmental health - Air quality index

The Environmental Protection Agency's (EPA) Air Quality Index (AQI) is a health-based measure of air pollution where a value of 100 or lower meets air quality standards. This indicator includes the percent of days where air quality met EPA standards and the median AQI score per year.

### Percent of days air met EPA standards in Clark County and Washington State

Year	Percent	Clark County			Washington State		
		95% CI	Number of Days meeting EPA Standards	Average Percent	95% CI	Number of Days meeting EPA Standards	
1998	99.5	(98.0, 99.9)	363	99.6	(99.5, 99.8)	N/A	
1999	99.5	(98.0, 99.9)	363	99.6	(99.4, 99.8)	N/A	
2000	99.5	(98.0, 99.9)	364	99.0	(98.8, 99.3)	N/A	
2001	99.7	(99.5, 100.0)	364	99.2	(99.0, 99.5)	N/A	
2002	99.2	(97.6, 99.8)	360	99.3	(99.1, 99.5)	N/A	
2003	99.7	(99.5, 100.0)	364	99.2	(99.1, 99.4)	N/A	
2004	99.2	(97.6, 99.8)	363	99.6	(99.4, 99.7)	N/A	
2005	99.5	(98.0, 99.9)	363	99.6	(99.5, 99.7)	N/A	
2006	100.0	(99.0, 100.0)	363	99.1	(98.9, 99.3)	N/A	
2007	98.6	(96.8, 99.6)	359	99.6	(99.5, 99.7)	N/A	

### Median annual AQI value in Clark County and Washington State

Year	Clark County		Washington State	
	AQI	95% CI	AQI	95% CI
1998	29	#	23.5	#
1999	27	#	24	#
2000	29	#	25	#
2001	31	#	23	#
2002	30	#	26	#
2003	31	#	26.5	#
2004	27	#	26	#
2005	28	#	23	#
2006	28	#	24.5	#
2007	29	#	21	#

### AQI pollution classification (Percent of days AQI in each category) in Clark County, 2007

Daily Air Quality Categories		Percent	95% CI	Number of Days
		Good	84.1	(80.3, 87.8)
Moderate	14.6	(10.9, 18.2)	53	
Unhealthy for Sensitive Groups	1.4	(0.2, 2.6)	5	
Unhealthy	0.0	(0.0, 0.0)	0	
Very Unhealthy	0.0	(0.0, 0.0)	0	
Hazardous	0.0	(0.0, 0.0)	0	

#### Data sources

AirData, Air Quality Index Report, Washington State 1998-2007. US Environmental Protection Agency. [Data file].

AirData website. Accessed December 2008 from:

<http://www.epa.gov/air/data/repsco.html?co~53011~Clark%20Co%2C%20Washington>.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*.

Washington, DC: U.S. Government Printing Office, December 2006. *Environmental Health, 8-1 Outdoor Air Quality*.

Retrieved April, 2008, from <http://www.healthypeople.gov/data/midcourse/>

**Technical notes**

# Data not available for this sub-group for this indicator.

The Environmental Protection Agency's (EPA) Air Quality Index (AQI) is a health-based measure of air pollution that ranges from 0 to 500. Increased values of the index indicate increased levels of pollution and an increased health risk. The AQI tracks the concentrations of five major pollutants: ground-level ozone, nitrogen dioxide, carbon monoxide, sulfur dioxide, and particulate matter. AQI values are calculated for each pollutant based on EPA air quality standards. The highest AQI value for an individual pollutant is reported as the AQI for a given day. AQI values of 100 or less meet EPA air quality standards and are generally thought to be acceptable.

<b>Air Quality Index (AQI) Values</b>	<b>Levels of Health Concern</b>	<b>Colors</b>
0 to 50	Good	Green
51 to 100	Moderate	Yellow
101 to 150	Unhealthy for sensitive groups	Orange
151 to 200	Unhealthy	Red
201 to 300	Very unhealthy	Purple
301 to 500	Hazardous	Maroon

Source: US EPA. Air quality index: a guide to air quality and your health. AIRNow Website. Accessed: 12/2008.  
<http://airnow.gov/index.cfm?action=aqibroch.aqi>.

Percent missing data not available for this indicator.

**Environmental health - Food service inspection results**

This indicator includes the percent of Clark County Public Health food service inspections that receive 35 or more red points, indicating that a facility poses an immediate threat to public health.

**Food service inspection results in Clark County and Washington State**

Year	Clark County			Washington State		
	Percent	95% CI	Number of Inspections ≥35 Red Points	Percent	95% CI	Number of Inspections ≥35 Red Points
2006	1.6	(1.0, 2.1)	31	#	#	#
2007	4.9	(4.1, 5.7)	141	#	#	#
2008	2.8	(2.2, 3.4)	75	7.1	(6.9, 7.4)	2,825
2009	2.3	(1.7, 2.8)	54	#	#	#

**Data sources**

Envision Database, Food Service Inspection Results 2006-2009. [Data file]. Vancouver, WA: Clark County Public Health, Food Program.

Washington State Local Environmental Health Indicators, 2008 Environmental Health Indicators. [Data file]. Olympia, WA: Washington State Department of Health, Food Program.

**Technical notes**

# Data not available for this sub-group for this indicator.

Clark County Public Health inspects all food service facilities in the county at least once per year. Violations of the food code are divided into critical and non-critical violations and are assigned a certain number of points based on their severity. Critical food handling violations that put customers' health at risk are given 'red' points and non-critical ones are given 'blue' points. Facilities that receive 35 or more red points during an inspection are generally thought to pose an immediate threat to public health.

Percent missing data not available for this indicator.

## Access to care - First trimester prenatal care

First trimester prenatal care includes the percent of births for which prenatal care was begun in the first trimester of pregnancy.

Percent of births with first trimester prenatal care in Clark County and Washington State						
Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
1999	84.4	(81.9, 86.9)	4,349	82.8	(82.2, 83.5)	59,628
2000	82.5	(80.1, 85.0)	4,451	82.6	(82.0, 83.3)	61,700
2001	82.6	(80.2, 85.1)	4,390	83.2	(82.5, 83.9)	60,771
2002	83.2	(80.8, 85.7)	4,360	83.4	(82.7, 84.0)	60,076
2003	81.1	(78.6, 83.5)	4,270	81.1	(80.4, 81.8)	52,885
2004	76.1	(73.8, 78.4)	4,179	79.6	(78.9, 80.3)	53,367
2005	76.2	(73.9, 78.5)	4,254	79.2	(78.5, 79.8)	54,648
2006	75.5	(73.3, 77.8)	4,332	78.5	(77.8, 79.1)	59,518
2007	74.1	(71.9, 76.4)	4,295	76.3	(75.7, 76.9)	61,939
2008	76.0	(73.7, 78.3)	4,333	77.0	(76.4, 77.6)	64,561

First trimester prenatal care: Inequities in Clark County, 2004 to 2008				
Demographic characteristic	Percent	95% CI	Count	
Gender	#	#	#	
Race/ethnicity	White	76.8	(75.6, 77.9)	16,676
	Hispanic	65.6	(62.8, 68.6)	1,979
	Asian	78.3	(73.4, 83.4)	954
	Pacific Islander	45.5	(36.9, 55.6)	96
	Black	71.0	(63.3, 79.4)	311
	Native American	66.5	(54.2, 80.6)	103
Age group Appeared to increase with age	15 to 17	54.7	(48.5, 61.3)	288
	18 to 19	61.3	(57.4, 65.3)	951
	20 to 24	67.8	(65.8, 69.8)	4,616
	25 to 34	80.0	(78.5, 81.4)	12,326
	35 to 49	80.4	(77.6, 83.2)	3,203
Medicaid Status**	Medicaid	57.9	(56.7, 59.1)	6,679
	Non-Medicaid	85.9	(85.3, 86.5)	14,316
Geographic location*	98601	71.8	(61.4, 82.2)	163
	98604	77.3	(74.3, 80.2)	1,872
	98606	72.7	(65.1, 80.2)	306
	98607	83.8	(80.7, 86.9)	1,391
	98629	77.8	(71, 84.7)	344
	98642	80.0	(74.9, 85.1)	604
	98660	74.0	(68.7, 79.3)	607
	98661	68.9	(66.2, 71.7)	2,347
	98662	73.0	(69.6, 76.5)	1,482
	98663	75.4	(70.6, 80.1)	744
	98664	74.9	(70.9, 78.8)	1,075
	98665	73.5	(69.6, 77.4)	1,130
	98671	77.1	(73, 81.2)	956
	98674	72.4	(66.9, 77.8)	594
	98675	70.6	(64.2, 76.9)	441
	98682	74.6	(72.2, 76.9)	3,029
	98683	79.8	(76.7, 83)	1,554
98684	78.0	(74.7, 81.3)	1,475	
98685	81.2	(77.6, 84.9)	1,120	
98686	74.8	(69.9, 79.8)	684	

**Data sources**

Vital Registration System, Annual Statistics Files, Births 1980-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

Characteristics of Clark County Women Who Gave Birth, 1999-2008 [First Steps Database data series] (December 2009). Olympia, WA: Washington State Department of Social and Health Services, Research and Data Analysis.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Maternal, Infant, and Child Health, 16-6 Prenatal Care*. Retrieved April, 2008, from <http://www.healthypeople.gov/data/midcourse/>

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05.

**Technical notes**

- # Data not available for this sub-group for this indicator.
- \*\* Medicaid data are in terms of women giving birth as opposed to percent of births.
- \* Confidence interval width adjusted using the Bonferroni adjustment for geographical data to account for multiple comparisons.

Data from the Washington State Department of Health is reported as percent of births. Data from the Washington State Department of Social and Health Services (Medicaid data) is reported as the percent of women giving birth.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

## Access to care - Health care coverage

This indicator includes the percent of adults with any kind of health care coverage.

### Percent of Adults with Health Care Coverage in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	89.9	(87.4, 91.9)	241,026	85.6	(84.9, 86.3)	3,913,121
2004	88.4	(85.8, 90.7)	245,459	84.9	(84.2, 85.7)	3,925,844
2005	86.9	(84.3, 89.1)	245,620	85.5	(84.7, 86.2)	4,026,506
2006	86.5	(83.7, 88.8)	253,191	85.6	(84.8, 86.4)	4,113,547
2007	89.4	(87.1, 91.3)	270,071	86.3	(85.5, 87.0)	4,231,582
2008	86.5	(83.6, 88.9)	266,942	86.8	(86.0, 87.6)	4,329,525

### Adults with Health Care Coverage: Inequities in Clark County, 2003 to 2008

Demographic characteristic	Percent	95% CI	Count	
<b>Gender</b>	Female	89.3	(88.1, 90.4)	132,808
	Male	86.4	(84.7, 88.0)	120,910
<b>Race/ethnicity</b>	White	89.4	(88.4, 90.4)	222,556
	Hispanic	64.9	(57.6, 71.5)	9,651
	Asian	91.8	(84.2, 95.9)	5,972
	Native Hawaiian/PI	^	^	^
	Black	83.3	(69.9, 91.4)	2,702
	Native American	88.8	(74.8, 95.4)	2,235
<b>Age group</b> Increased with age	18 to 24	74.6	(69.4, 79.1)	27,417
	25 to 34	80.4	(77.5, 83.1)	43,246
	35 to 44	89.2	(87.3, 90.8)	54,756
	45 to 54	91.0	(89.4, 92.4)	52,354
	55 to 64	93.3	(91.8, 94.5)	37,051
<b>Education Level</b> Increased with education	Less than HS Grad	69.2	(63.7, 74.3)	13,783
	HS Grad or GED	82.9	(80.4, 85.1)	65,077
	Some college	89.0	(87.3, 90.5)	89,794
	≥ College degree	95.3	(94.3, 96.2)	84,076
<b>Geographic location</b> (2008 only) Unable to identify inequities	98601	^	^	^
	98604	88.5	(77.1, 94.6)	23,048
	98606	^	^	^
	98607	91.5	(81.1, 96.5)	17,053
	98629	^	^	^
	98642	83.0	(62.2, 93.5)	10,722
	98660	^	^	^
	98661	82.4	(71.8, 89.6)	20,673
	98662	87.8	(70.8, 95.6)	16,407
	98663	87.6	(73.1, 94.8)	8,445
	98664	84.2	(64.7, 93.9)	13,522
	98665	83.5	(70.7, 91.3)	18,113
	98671	93.7	(78.7, 98.4)	14,127
	98674	^	^	^
	98675	^	^	^
98682	86.5	(75.8, 92.9)	29,433	
98683	82.8	(70.0, 90.8)	18,914	
98684	79.0	(57.7, 91.2)	15,557	
98685	95.9	(87.2, 98.8)	19,899	
98686	93.6	(82.6, 97.8)	11,478	

**Data sources**

All data from the Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>  
Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Access to Quality Health Services, 1-1, Health Insurance*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>

**Technical notes**

<sup>^</sup> Rates not calculated for fewer than 50 survey responses.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Access to care - Personal doctor

This indicator includes the percent of adults who have one or more people they think of as their personal doctor or health care provider.

### Percent of adults who have a personal doctor in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	78.6	(75.3, 81.6)	210,415	79.1	(82.0, 78.3)	3,611,580
2004	77.9	(74.6, 81.0)	215,403	78.1	(77.2, 78.9)	3,614,365
2005	74.7	(71.7, 77.5)	211,704	78.4	(77.5, 79.2)	3,684,064
2006	76.2	(73.1, 79.0)	223,267	78.1	(77.1, 79.0)	3,754,404
2007	78.5	(75.6, 87.2)	235,528	79.2	(78.3, 80.0)	3,884,941
2008	73.7	(70.5, 76.7)	226,840	78.8	(77.8, 79.7)	3,932,879

### Adults with personal doctor: Inequities in Clark County, 2003 to 2008

Demographic characteristic		Rate	95% CI	Count
Gender	Female	81.6	(80.2, 82.9)	121,063
	Male	71.2	(69.5, 73.2)	99,463
Race/ethnicity	White	78.4	(77.1, 79.6)	194,426
	Hispanic	52.1	(44.8, 59.2)	7,784
	Asian	80.1	(70.9, 86.9)	5,088
	Native Hawaiian/PI	^	^	^
	Black	72.0	(58.0, 82.7)	2,311
	Native American	73.1	(56.5, 85.0)	1,822
Age group Increased with age	18 to 24	57.9	(52.5, 63.2)	21,477
	25 to 34	62.9	(59.5, 66.2)	33,658
	35 to 44	77.1	(74.7, 79.4)	47,163
	45 to 54	80.1	(77.8, 82.2)	45,944
	55 to 64	88.6	(86.8, 90.2)	35,040
Education Level Increased with education	65+	94.6	(93.4, 95.7)	37,243
	Less than HS Grad	57.5	(51.9, 63.0)	11,474
	HS Grad or GED	71.9	(69.1, 74.4)	56,514
	Some college	78.3	(76.2, 80.3)	78,689
Geographic location (2008 only) Unable to identify inequities	≥ College degree	83.2	(81.4, 84.9)	73,026
	98601	^	^	^
	98604	72.2	(60.0, 81.7)	18,795
	98606	^	^	^
	98607	86.4	(77.0, 92.4)	16,106
	98629	^	^	^
	98642	^	^	^
	98660	^	^	^
	98661	65.7	(53.8, 75.9)	16,380
	98662	77.3	(62.1, 87.6)	14,687
	98663	84.4	(68.1, 93.2)	8,138
	98664	83.4	(70.4, 91.4)	13,393
	98665	75.1	(61.9, 84.8)	16,290
	98671	88.9	(79.1, 94.4)	13,397
	98674	^	^	^
	98675	^	^	^
98682	69.2	(58.5, 78.2)	23,475	
98683	70.9	(57.1, 81.7)	16,077	
98684	62.0	(44.8, 76.6)	11,635	
98685	82.7	(72.0, 89.9)	17,150	
98686	71.0	(53.4, 84.0)	8,716	

### Data sources

All data from Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Access to Quality Health Services, 1-5, Primary Care Provider*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>

**Technical notes**

^ Rates not calculated for fewer than 50 survey responses.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Access to care - Dental visit in past year

This indicator includes the percent of adults that visited a dentist or dental clinic within the past year.

### Percent of adults who had a dental visit in the past year in Clark County and Washington State

Year	Clark County			Washington State		
	Percent	95% CI	Count	Percent	95% CI	Count
2004	73.8	(70.5, 76.8)	203,513	71.2	(70.3, 72.1)	3,295,202
2006	71.1	(68.2, 73.9)	208,506	71.8	(71.0, 72.7)	3,456,352
2008	72.0	(69.0, 74.8)	222,882	72.4	(71.5, 73.3)	3,626,962

### Adults with dental visit in the past year: Inequities in Clark County, 2004, 2006, 2008

Demographic characteristic	Percent	95% CI	Count	
<b>Gender</b> Similar by gender	<b>Female</b>	72.9	(70.7, 75.0)	108,664
	<b>Male</b>	71.6	(68.8, 74.2)	102,970
<b>Race/ethnicity</b> Similar across race	<b>White</b>	73.2	(71.4, 74.9)	185,283
	<b>Hispanic</b>	63.2	(53.3, 72.0)	9,731
	<b>Asian</b>	69.4	(54.8, 81.0)	4,272
	<b>Native Hawaiian/PI</b>	^	^	^
	<b>Black</b>	^	^	^
	<b>Native American</b>	^	^	^
<b>Age group</b> Similar across age	<b>18 to 24</b>	70.9	(63.4, 77.3)	27,256
	<b>25 to 34</b>	65.9	(61.2, 70.3)	36,644
	<b>35 to 44</b>	72.1	(68.4, 75.4)	44,823
	<b>45 to 54</b>	76.1	(72.6, 79.2)	44,822
	<b>55 to 64</b>	78.0	(74.7, 80.9)	30,179
	<b>65+</b>	71.6	(68.2, 74.7)	27,910
<b>Education Level</b> Increased with education	<b>Less than HS Grad</b>	54.7	(47.0, 62.1)	11,540
	<b>HS Grad or GED</b>	65.2	(61.4, 68.9)	50,890
	<b>Some college</b>	72.3	(69.4, 75.1)	76,603
	<b>≥ College degree</b>	82.8	(80.2, 85.1)	71,839
<b>Geographic location</b> (2008 only) Unable to identify inequities	<b>98601</b>	^	^	^
	<b>98604</b>	77.3	(67.5, 84.7)	20,123
	<b>98606</b>	^	^	^
	<b>98607</b>	80.2	(64.3, 90.1)	14,938
	<b>98629</b>	^	^	^
	<b>98642</b>	^	^	^
	<b>98660</b>	^	^	^
	<b>98661</b>	63.8	(52.5, 73.7)	16,155
	<b>98662</b>	78.7	(66.9, 87.1)	15,288
	<b>98663</b>	^	^	^
	<b>98664</b>	82.9	(70.6, 90.7)	13,251
	<b>98665</b>	66.1	(53.4, 76.8)	14,336
	<b>98671</b>	80.5	(66.2, 89.7)	12,132
	<b>98674</b>	^	^	^
	<b>98675</b>	^	^	^
	<b>98682</b>	72.2	(63.8, 79.3)	24,568
<b>98683</b>	79.5	(69.2, 87.0)	18,166	
<b>98684</b>	55.5	(40.2, 69.8)	10,924	
<b>98685</b>	77.2	(67.2, 84.9)	16,018	
<b>98686</b>	76.2	(62.8, 85.8)	9,344	

#### Data sources

All data from Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S.

Government Printing Office, December 2006. *Oral Health, 21-10, Oral Health Care*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>.

**Technical notes**

^ Rates not calculated for fewer than 50 survey responses.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Access to care - Adults who could not afford to see doctor

This indicator includes the percent of adults who could not afford to see a doctor when they needed to because of cost.

Percent of adults who could not afford to see doctor in Clark County and Washington State						
Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	12.3	(10.0, 15.0)	33,005	13.0	(12.4, 13.6)	593,952
2004	12.9	(10.7, 15.5)	35,580	14.1	(13.4, 14.8)	652,772
2005	12.5	(10.6, 14.6)	35,355	13.2	(12.5, 13.9)	623,104
2006	14.0	(11.7, 16.8)	41,069	12.4	(11.7, 13.1)	598,442
2007	11.2	(9.4, 13.4)	33,878	12.2	(11.5, 12.8)	597,654
2008	12.5	(10.5, 14.9)	38,663	12.0	(11.2, 12.7)	597,836

Adults who could not afford to see doctor: Inequities in Clark County, 2003 to 2008			
Demographic characteristic		Percent	95% CI
Gender	Female	13.5	(12.4, 14.8)
	Male	11.5	(10.2, 13.1)
Race/ethnicity	White	11.4	(10.5, 12.3)
	Hispanic	27.3	(21.3, 34.2)
	Asian	^	^
	Native Hawaiian/PI	^	^
	Black	^	^
	Native American	^	^
Age group	18 to 24	18.9	(15.1, 23.5)
	25 to 34	16.1	(13.8, 18.7)
	35 to 44	15.3	(13.4, 17.5)
	45 to 54	11.9	(10.4, 13.7)
	55 to 64	7.5	(6.2, 8.9)
65+	3.5	(2.7, 4.6)	
Education Level	Less than HS Grad	28.6	(23.6, 34.1)
	HS Grad or GED	15.7	(13.7, 17.8)
	Some college	12.5	(11.1, 14.0)
	≥ College degree	6.2	(5.2, 7.5)
Geographic location		%	%

### Data sources

All data from Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

^ Rates not calculated for fewer than 50 survey responses.

% Could not be calculated due to small numbers.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Abuse & neglect - Child abuse and neglect

This indicator includes the unduplicated number of children in child abuse referrals accepted for investigation by Washington State Child Protective Services per 1,000 children aged 0-17.

### Unduplicated number of children in accepted child abuse referrals per 1,000 children aged 0-17 in Clark County and Washington State

Year	Rate	Clark County		Rate	Washington State	
		95% CI	Count		95% CI	Count
2002	30.1	(29.1, 31.2)	3,084	27.1	(26.8, 27.4)	41,272
2003	33.3	(32.2, 34.4)	3,451	31.6	(31.3, 31.9)	48,002
2004	30.5	(29.5, 31.5)	3,222	29.8	(29.5, 30.0)	45,307
2005	30.9	(29.9, 32.0)	3,313	28.0	(27.8, 28.3)	42,914
2006	29.1	(28.1, 30.1)	3,185	27.6	(27.3, 27.8)	42,715
2007	25.7	(24.8, 26.7)	2,879	27.6	(27.3, 27.8)	43,144

### Child abuse: Inequities in Clark County, 2003 to 2007

Demographic characteristic	Rate	95% CI	Count
Gender	Female	(29.9, 31.2)	8,012
	Male	(28.5, 29.8)	8,032
Race/ethnicity	White	(24.2, 25.1)	11,049
	Hispanic	(29.6, 32.9)	1,364
	Asian/Pacific Islander	(6.9, 9.1)	200
	Black	(36.4, 42.4)	632
	Native American	(41.5, 54.1)	212
Age group	0 to 5	(34.2, 35.9)	6,246
Appears to decrease with age	6 to 11	(30.8, 32.4)	5,720
	12 to 17	(22.8, 24.2)	4,206
Education Level	#	#	#
Geographic location	#	#	#

### Data sources

Washington State Department of Social and Health Services. *Child Protective Services Referral Victim Counts 2002 - 2007 (CAMIS system)* [Data files]. Olympia, WA.

1990-2007 Population Estimates: Population Estimates for Public Health Assessment, Washington State Department of Health, Vista Partnership, and Krupski Consulting. January 2009.

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05.

### Technical notes

# Data not available or not applicable for this sub-group for this indicator.

"Count" indicates number of children in accepted referrals within each year or subgroup.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Abuse & neglect - Elder abuse

This indicator includes the unduplicated number of adults aged 60 or older in accepted elder abuse referrals per 1,000 adults aged 60 or older.

### Unduplicated number of adults in accepted elder abuse referrals per 1,000 adults aged 60+ in Clark County and Washington State

Year	Rate	Clark County		Rate	Washington State	
		95% CI	Count		95% CI	Count
2001	5.3	(4.7, 6.0)	244	4.3	(4.2, 4.5)	3,841
2002	5.4	(4.8, 6.1)	258	4.2	(4.1, 4.3)	3,816
2003	5.2	(4.5, 5.8)	257	4.3	(4.2, 4.4)	4,004
2004	6.1	(5.4, 6.7)	317	4.5	(4.3, 4.6)	4,295
2005	6.4	(5.7, 7.0)	344	4.5	(4.4, 4.7)	4,487
2006	7.3	(6.6, 8.0)	411	4.6	(4.4, 4.7)	4,650
2007	7.1	(6.4, 7.7)	422	4.8	(4.7, 5.0)	5,127

### Elder abuse: Inequities in Clark County, 2003 to 2007

Demographic characteristic	Rate	95% CI	Count
<b>Gender</b>	#	#	#
<b>Race/ethnicity</b>	#	#	#
<b>Age group</b>			
60 to 64	2.3	(2.0, 2.6)	191
65 to 74	4.5	(4.1, 4.9)	446
increase with age 75 or older	11.6	(10.9, 12.3)	1,055
<b>Education Level</b>	#	#	#
<b>Geographic location</b>	#	#	#

### Data sources

Washington State Department of Social and Health Services. Adult Protective Services Automated System 2001-2007 (APSAS system). Olympia, WA.

1990-2007 Population Estimates: Population Estimates for Public Health Assessment, Washington State Department of Health, Vista Partnership, and Krupski Consulting. December 2007.

### Technical notes

# Data not available or not applicable for this sub-group for this indicator.

These data exclude abuse in residential settings (i.e., a long-term care facility, etc) by a staff member as well as self-neglect.

"Count" indicates number of adults aged 60 or older in accepted referrals within each year or subgroup.

No variables have missing data rate >15%.

## Abuse & neglect - Domestic violence offenses

This indicator includes the number of domestic violence offenses committed by persons 16 years or older per 1,000 residents.

Domestic violence offenses per 1,000 residents in Clark County and Washington State						
Year	Rate	Clark County		Rate	Washington State	
		95% CI	Count		95% CI	Count
1999	8.9	(8.6, 9.2)	2,997	8.5	(8.5, 8.6)	49,793
2000	9.1	(8.7, 9.4)	3,126	8.7	(8.7, 8.8)	51,550
2001	8.5	(8.2, 8.8)	2,993	8.5	(8.5, 8.6)	50,992
2002	8.5	(8.2, 8.8)	3,102	8.3	(8.2, 8.4)	50,117
2003	8.3	(8.0, 8.6)	3,088	8.5	(8.4, 8.5)	51,589
2004	7.4	(7.1, 7.6)	2,822	8.4	(8.4, 8.5)	52,055
2005	6.5	(6.2, 6.7)	2,529	8.6	(8.5, 8.7)	53,770
2006	5.6	(5.3, 5.8)	2,246	7.8	(7.8, 7.9)	49,980
2007	5.4	(5.2, 5.7)	2,255	7.4	(7.3, 7.5)	48,102
2008	6.0	(5.7, 6.2)	2,535	6.5	(6.4, 6.5)	42,500

Domestic violence offenses: Inequities in Clark County, 2004 to 2008				
Demographic characteristic	Rate	CI*	Count	
<b>Gender</b>	#	#	#	
<b>Race/ethnicity</b>	#	#	#	
<b>Age group</b>	#	#	#	
<b>Education Level</b>	#	#	#	
	Battleground	5.8	(5.1, 6.6)	454
	Camas	7.4	(6.5, 8.2)	586
	La Center	6.7	(4.5, 8.9)	76
<b>Geographic location</b>	Ridgefield	5.6	(3.9, 7.3)	88
	Vancouver	8.5	(8.2, 8.8)	6,684
	Washougal	7.2	(6.2, 8.1)	436
	Unincorporated Clark County	4.1	(3.9, 4.3)	4,061

### Data sources

Washington Association of Sheriffs and Police Chiefs, Criminal Justice Information Support. (2006). *Uniform Crime Reports 1999-2008* [Data files]. Lacey, WA.

Washington State Office of Financial Management. Intercensal and Postcensal Estimates of April 1 County Population by Age and Sex: 1980-2009. Retrieved March 16, 2010. Available online at <http://www.ofm.wa.gov/pop/coagemf/>.

Washington State Office of Financial Management. April 1, 2009 Population of Cities, Towns, and Counties Used for the Allocation of Selected State Revenues. Retrieved March 16, 2010. Available online at <http://www.ofm.wa.gov/pop/april1/>.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05.

### Technical notes

# Data not available or not applicable for this sub-group for this indicator.

\* Confidence interval width adjusted using the Bonferroni adjustment for geographical data to account for multiple comparisons. Otherwise, 95% confidence intervals are reported.

Both arrest and reports are recorded in a hierarchical manner with the most serious crime being reported. Thus there is under reporting when multiple crimes are committed in the same incident.

"Count" indicates number of offenses within each year or subgroup.

Domestic violence offenses include murder, forcible rape, robbery, aggravated assault, simple assault, burglary, larceny/theft, motor vehicle theft, arson, or violation of protective custody orders.

Offenses are considered “domestic violence” if the offender is 16 years or older and the relationship between the offender and victim and victim age fits one of the following criteria:

<b>Relationship</b>	<b>Victim Age</b>
Spouse or former spouse	Any Age
Reside together, past or present	Adult (18+)
Child in common	Any Age
Related by blood or marriage	Adult (18+)
Dating, past or present	16 or older
Biological or legal child, stepchild or grandchild	Any Age
Biological or legal parent, stepparent or grandparent	Any Age

Percent missing data not available for this indicator.

## Obesity and overweight - Adult obesity

Adult obesity includes the percent of adults who have a body mass index of 30 or higher.

### Percent of adults who are obese in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	26.1	(23.0, 29.4)	65,916	21.7	(21.0, 22.5)	950,209
2004	28.2	(25.0, 31.6)	74,392	22.1	(21.3, 22.9)	971,687
2005	25.0	(22.5, 27.7)	67,793	23.2	(22.4, 23.9)	1,040,924
2006	24.7	(22.2, 27.4)	69,614	24.2	(23.2, 25.0)	1,104,082
2007	28.7	(26.0, 31.7)	83,031	25.6	(24.8, 26.3)	1,200,194
2008	26.0	(23.4, 28.9)	77,656	25.6	(24.7, 26.5)	1,229,921

### Adult obesity: Inequities in Clark County, 2003 to 2008

Demographic characteristic	Percent	95% CI	Count	
<b>Gender</b>	<b>Female</b>	26.3	(24.8, 27.8)	36,248
Similar by gender	<b>Male</b>	26.6	(24.9, 28.5)	36,819
<b>Race/ethnicity</b>	<b>White</b>	27.0	(25.7, 28.2)	64,601
	<b>Hispanic</b>	18.9	(14.3, 24.6)	2,451
	<b>Asian</b>	^	^	^
	<b>Native Hawaiian/PI</b>	^	^	^
	<b>Black</b>	^	^	^
	<b>Native American</b>	^	^	^
<b>Age group</b>	<b>18 to 24</b>	14.8	(11.3, 19.2)	5,290
	<b>25 to 34</b>	28.9	(25.9, 32.2)	14,964
	<b>35 to 44</b>	27.1	(24.7, 29.7)	15,777
	<b>45 to 54</b>	29.9	(27.4, 32.6)	16,409
	<b>55 to 64</b>	31.2	(28.7, 33.8)	11,794
	<b>65+</b>	23.2	(21.1, 25.5)	8,834
<b>Education Level</b>	<b>Less than HS Grad</b>	27.0	(22.2, 32.3)	4,899
	<b>HS Grad or GED</b>	27.9	(25.5, 30.3)	20,965
	<b>Some college</b>	30.0	(28.0, 32.1)	29,160
	<b>≥ College degree</b>	21.1	(19.3, 23.0)	18,031
<b>Geographic location</b>	%	%	%	

### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Nutrition and Overweight, 19-2, Obese in Adults*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>.

### Technical notes

- ^ Rates not calculated for fewer than 50 survey responses.
- % Could not be calculated due to small numbers.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Obesity and overweight - Adult overweight and obesity

Adult overweight and obesity includes the percent of adults with a body mass index of 25 or higher.

### Percent of adults who are overweight or obese in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	63.3	(59.7, 66.7)	159,982	58.5	(57.6, 59.5)	2,559,533
2004	60.2	(56.5, 63.7)	158,842	58.3	(57.3, 59.3)	2,569,357
2005	61.3	(58.2, 64.3)	166,136	59.2	(58.3, 60.1)	2,660,294
2006	62.9	(59.7, 66.0)	177,580	60.6	(59.7, 61.6)	2,768,340
2007	65.5	(62.3, 68.6)	189,407	61.7	(60.8, 62.6)	2,897,373
2008	63.5	(60.1, 66.7)	189,290	61.3	(60.3, 62.4)	2,945,884

### Adult overweight and obesity : Inequities in Clark County, 2003 to 2008

Demographic characteristic	Percent	95% CI	Count	
<b>Gender</b>	Female	55.0	(53.3, 56.8)	75,959
	Male	70.6	(68.5, 72.6)	98,580
<b>Race/ethnicity</b>	White	63.8	(62.4, 65.2)	152,961
	Hispanic	50.9	(43.2, 58.6)	6,603
	Asian	39.8	(30.6, 49.6)	2,531
	Native Hawaiian/PI	^	^	^
	Black	72.5	(57.8, 83.6)	2,149
	Native American	^	^	^
<b>Age group</b> Increased with age	18 to 24	38.7	(33.4, 44.2)	13,798
	25 to 34	63.0	(59.7, 66.2)	32,561
	35 to 44	64.7	(62.0, 67.4)	37,679
	45 to 54	70.1	(67.5, 72.6)	38,448
	55 to 64	71.8	(69.3, 74.3)	27,173
	65+	62.8	(60.2, 65.4)	23,881
<b>Education Level</b>	Less than HS Grad	61.0	(55.1, 66.6)	11,089
	HS Grad or GED	61.7	(58.8, 64.4)	46,366
Similar across education	Some college	65.7	(63.4, 67.9)	63,811
	≥ College degree	61.0	(58.8, 63.2)	52,187
<b>Geographic location</b> (2008 only) Unable to identify inequities	98601	^	^	^
	98604	59.6	(48.2, 70.0)	15,244
	98606	^	^	^
	98607	51.5	(37.3, 65.4)	9,389
	98629	^	^	^
	98642	^	^	^
	98660	^	^	^
	98661	67.6	(55.5, 77.7)	16,388
	98662	55.1	(40.1, 69.3)	10,290
	98663	^	^	^
	98664	73.8	(56.3, 86.0)	11,944
	98665	50.0	(37.0, 63.0)	10,150
	98671	65.5	(52.3, 76.7)	9,472
	98674	^	^	^
	98675	^	^	^
	98682	70.1	(59.7, 78.7)	22,408
98683	51.1	(39.1, 62.9)	11,524	
98684	70.6	(56.5, 81.6)	13,440	
98685	64.7	(53.7, 74.4)	12,563	
98686	^	^	^	

#### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

**Technical notes**

^ Rates not calculated for fewer than 50 survey responses.

The reported percentages are for weighted data and are specific to the population group of interest (e.g., the female percent is out of the total adult female population).

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate of >15%.

## Obesity and overweight - Youth obesity

Youth obesity includes the percent of youth who are at or above the gender- and age-specific 95<sup>th</sup> percentile of body mass index (BMI) based on the CDC Growth Charts for the United States. Data are among tenth grade students unless otherwise noted.

### Percent of youth who are overweight in Clark County and Washington State

Year	Percent	Clark County		Washington State		
		95% CI	Count	Percent	95% CI	Count
2004	10.5	(9.0, 12.1)	N/A	10.0	(8.9, 11.2)	+
2006	10.1	(8.6, 11.8)	N/A	10.6	(9.4, 11.9)	+
2008	10.2	(8.9, 11.6)	N/A	11.0	(9.5, 12.7)	+

### Youth overweight: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	6.3	(5.4, 7.4)	+
	Male	14.5	(13.1, 16.0)	+
Race/ethnicity	White	9.3	(8.3, 10.3)	+
	Hispanic	^	^	+
	Asian	^	^	+
	Native Hawaiian/PI	^	^	+
	Black	^	^	+
	Native American	^	^	+
Grade	8 <sup>th</sup> Grade	10.5	(9.4, 11.6)	+
Similar across grade levels	10 <sup>th</sup> Grade	10.3	(9.4, 11.2)	+
	12 <sup>th</sup> Grade	11.4	(10.5, 12.5)	+
Mother's Education	High School or less	12.0	(10.5, 13.7)	+
	More than High School	8.5	(7.4, 9.7)	+
Geographic location		#	#	#

#### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Nutrition and Overweight, 19-3, Overweight or Obese in Children and Adolescents*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>.

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

- + Population not reported for subgroups or Washington State.
- ^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.
- # Data not available for this sub-group for this indicator.

8th graders have between 15% and 30% missing data for obese in 2004, 2006, & 2008.

Racial groups exclude Hispanic.

## Obesity and overweight - Youth overweight and obese

Youth overweight and obese includes the percent of youth who are at or above the gender- and age-specific 85<sup>th</sup> percentile of body mass index (BMI) based on the CDC Growth Charts for the United States. Youth obese includes youth at or above the 95<sup>th</sup> percentile for BMI; overweight includes youth between the 85<sup>th</sup> and 95<sup>th</sup> percentile for BMI. Data are among tenth grade students unless otherwise noted.

### Percent of youth who are overweight or at risk of overweight in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2004	23.3	(21.3, 25.5)	N/A	22.5	(20.4, 24.7)	+
2006	24.7	(22.5, 27.1)	N/A	24.7	(22.4, 27.1)	+
2008	22.5	(20.7, 24.5)	N/A	25.2	(23.3, 27.1)	+

### Youth Overweight and Obese: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	18.9	(17.4, 20.5)	+
	Male	28.5	(26.7, 30.4)	+
Race/ethnicity	White	21.7	(20.4, 23.2)	+
	Hispanic	31.9	(26.8, 37.5)	+
	Asian	21.8	(17.1, 27.3)	+
	Native Hawaiian/PI	^	^	+
	Black	33.3	(26.4, 41.0)	+
	Native American	^	^	+
Grade	8 <sup>th</sup> Grade	25.1	(23.6, 26.8)	+
Similar across grade levels	10 <sup>th</sup> Grade	23.5	(22.3, 24.8)	+
	12 <sup>th</sup> Grade	23.9	(22.6, 25.3)	+
Mother's Education	High School or less	25.0	(22.9, 27.2)	+
	More than High School	21.7	(20.1, 23.5)	+
Geographic location		#	#	#

### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

- + Population not reported for subgroups or Washington State.
- ^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.
- # Data not available for this sub-group for this indicator.

8th graders have between 15% and 30% missing data for overweight and obese in 2004, 2006, & 2008.

Racial groups exclude Hispanic.

## Nutrition - Food stamp participation

This indicator includes the number of persons receiving food stamps per 1,000 population and is a proxy for food insecurity.

### Food stamp participation per 1,000 residents in Clark County and Washington State

Year <sup>®</sup>	Clark County			Washington State		
	Rate	95% CI	Count	Rate	95% CI	Count
1999	107.6	(106.6, 108.7)	36,343	97.8	N/A	N/A
2000	101.7	(100.7, 102.7)	35,102	87.8	N/A	N/A
2001	105.0	(104.0, 106.0)	37,033	87.4	N/A	N/A
2002	115.3	(114.3, 116.4)	41,913	94.7	(94.4, 94.9)	571,954
2003	123.6	(122.5, 124.6)	46,006	103.5	(103.2, 103.7)	630,956
2004	132.3	(131.2, 133.4)	50,714	112.5	(112.2, 112.7)	693,702
2005	137.3	(136.2, 138.4)	53,756	120.0	(119.7, 120.2)	750,679
2006	132.5	(131.5, 133.6)	53,465	121.9	(121.7, 122.2)	777,308
2007	129.6	(128.6, 130.6)	53,777	121.4	(121.2, 121.7)	787,861
2008	133.6	(132.5, 134.6)	56,653	126.4	(126.2, 126.7)	832,887

### Food stamp participation: Inequities in Clark County, 2004-2008<sup>®</sup>

Demographic characteristic	Rate	CI*	Count	
Gender	Female	146.1	(145.4, 146.8)	
	Male	121.8	(121.1, 122.4)	
Race/ethnicity	White	107.5	(107.0, 107.9)	
	Hispanic	301.1	(298.4, 303.9)	
	Asian	103.6	(101.6, 105.6)	
	Black	357.8	(353.2, 362.5)	
	Native American	394.8	(387.7, 401.8)	
Age Group	0-4	222.9	(220.7, 225.0)	
	5-9	236.0	(233.8, 238.2)	
	10-19	177.7	(176.3, 179.2)	
	20-49	130.5	(129.8, 131.3)	
	50-64	63.6	(62.8, 64.4)	
65+	64.8	(63.6, 65.9)	12,049	
Level of Education	#	#	#	
	98601	88.3	(79.9, 96.7)	1,168
	98604	83.6	(81.3, 85.9)	14,119
	98606	52.5	(48.9, 56.1)	2,399
	98607	70.2	(67.6, 72.7)	8,401
	98629	61.4	(57.4, 65.3)	2,590
	98642	60.0	(57.0, 62.9)	4,496
	98660	243.9	(237.7, 250.0)	13,685
	98661	286.5	(283.1, 289.9)	58,940
	98662	145.9	(142.7, 149.1)	20,698
	98663	218.0	(212.7, 223.3)	15,599
	98664	133.9	(130.4, 137.4)	14,606
	98665	162.0	(158.3, 165.8)	18,625
	98675	86.9	(81.2, 92.6)	2,438
	98682	140.2	(137.8, 142.6)	34,660
	98683	89.4	(86.9, 91.9)	13,869
	98684	133.1	(129.8, 136.4)	16,440
98685	67.2	(64.8, 69.6)	8,356	
98686	84.0	(80.7, 87.3)	6,967	

**Data sources**

Washington State Department of Social and Health Services, Research and Data Analysis, *Community Risks and Outcomes Evaluation GIS Database*, December], 2010.

Washington State Department of Health, *Washington State Population Estimates for Public Health*, March 2010.

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05.

**Technical notes**

- # Data not available for this sub-group for this indicator.
- @ DSHS fiscal years July - June
- \* Confidence interval width adjusted using the Bonferroni adjustment for geographical data to account for multiple comparisons. Otherwise, 95% Confidence Intervals are reported.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Native American includes all Native American; Hispanic includes all Hispanic; White, Asian, and Black exclude Native American and Hispanic.

Count data were not available for Washington State for 1999, 2000, or 2001. Trend over time was calculated from 1999 – 2008 for Clark County, and 2002 – 2008 for Washington State. Therefore, the difference in trends between Clark County and Washington State described in the report may be due to differences in the time periods included in the analysis rather than differences in trends over time.

Percent missing data not available for this indicator.

## Nutrition - Adult fruit & vegetable consumption

This indicator includes the percent of adults who consume five or more servings of fruits and vegetables per day.

### Percent of adults consuming 5+ servings of fruits and vegetables per day in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	21.0	(18.4, 23.8)	56,434	23.3	(22.5, 24.1)	1,067,481
2005	25.1	(22.6, 27.7)	70,823	25.2	(24.5, 26.0)	1,180,050
2007	25.9	(23.3, 28.7)	77,401	26.1	(25.3, 26.9)	1,267,139

### Adult fruit & vegetable consumption: Inequities in Clark County, 2003, 2005, and 2007

Demographic characteristic		Percent	95% CI	Count
<b>Gender</b>	<b>Female</b>	30.9	(28.8, 33.1)	45,528
	<b>Male</b>	16.7	(14.6, 19.0)	22,691
<b>Race/ethnicity</b> Unable to identify inequities	<b>White</b>	24.4	(22.8, 26.1)	59,556
	<b>Hispanic</b>	^	^	^
	<b>Asian</b>	^	^	^
	<b>Native Hawaiian/PI</b>	^	^	^
	<b>Black</b>	^	^	^
	<b>Amer. Ind. Alask. Nat.</b>	^	^	^
<b>Age Group</b> Increased with age	<b>18 to 24</b>	^	^	^
	<b>25 to 34</b>	20.6	(17.1, 24.5)	10,631
	<b>35 to 44</b>	24.1	(21.0, 27.5)	14,466
	<b>45 to 54</b>	22.7	(19.8, 25.8)	12,556
	<b>55 to 64</b>	24.8	(21.6, 28.4)	10,051
	<b>65+</b>	34.8	(31.3, 38.4)	13,836
<b>Level of Education</b> Increased with education	<b>Less than HS Grad</b>	^	^	^
	<b>HS Grad or GED</b>	18.0	(15.4, 21.1)	14,258
	<b>Some college</b>	24.3	(21.7, 27.0)	23,264
	<b>≥College degree</b>	31.0	(28.2, 33.9)	27,569
<b>Geographic Location</b>		#	#	#

#### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data, 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

- ^ Rates not calculated for fewer than 50 survey responses.
- # Data not available for this sub-group for this indicator.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate of >15%.

## Nutrition - Youth fruit & vegetable consumption

This indicator includes the percent of youth who consume fruits and vegetables five or more times per day. Data are among tenth grade students unless otherwise noted.

### Percent of youth consuming fruits and vegetables 5+ times per day in Clark County and Washington State

Year	Percent	Clark County		Washington State		
		95% CI	Count	Percent	95% CI	Count
2004	20.7	(18.8, 22.7)	N/A	23.2	(22.0, 24.5)	+
2006	23.0	(20.8, 25.3)	N/A	25.4	(23.6, 27.3)	+
2008	24.7	(22.8, 26.8)	N/A	25.3	(23.8, 26.9)	+

### Youth fruit & vegetable consumption: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	21.4	(19.8, 23.1)	+
	Male	24.3	(22.5, 26.1)	+
Race/ethnicity Similar across race/ethnicities	White	20.6	(19.3, 22.0)	+
	Hispanic	26.0	(21.1, 31.6)	+
	Asian	25.0	(20.2, 30.6)	+
	Native Hawaiian/PI	^	^	+
	Black	^	^	+
	Native American	^	^	+
Grade Decreased with grade level	8th Grade	27.9	(26.5, 29.3)	+
	10th Grade	22.8	(21.6, 24.0)	+
	12th Grade	19.5	(18.3, 20.8)	+
Mother's Level of Education	High School or Less	19.9	(17.9, 21.9)	+
	> High School	24.6	(22.9, 26.4)	+
Geographic Location		#	#	#

#### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

- + Population not reported for subgroups.
- ^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.
- # Data not available for this sub-group for this indicator.

8th graders have between 15% and 30% missing data for fruit & vegetable consumption in 2006 & 2008.

Racial groups exclude Hispanic.

## Nutrition - Sweetened beverage consumption at school

This indicator includes the percent of students who consumed one or more sweetened beverages at school or school activities in the past week. Data are among tenth grade students unless otherwise noted.

### Percent of youth consuming one or more sweetened beverages at school in the past week in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2006	78.6	(76.5, 80.6)	N/A	77.7	(75.5, 79.7)	+
2008	74.2	(72.2, 76.1)	N/A	75.3	(72.6, 77.8)	+

### Sweetened beverage consumption at school: Inequities in Clark County, 2006 & 2008 combined

Demographic characteristic		Percent	95% CI	Count
Gender	Female	72.4	(70.3, 74.4)	+
	Male	80.9	(78.9, 82.8)	+
Race/ethnicity	White	74.3	(72.5, 76.0)	+
	Hispanic	87.1	(82.2, 90.9)	+
	Asian	71.7	(64.8, 77.8)	+
	Native Hawaiian/PI	^	^	+
	Black	84.1	(76.9, 89.3)	+
	Native American	^	^	+
Grade	8th Grade	71.0	(68.7, 73.2)	+
Similar across grade level	10th Grade	76.4	(74.9, 77.8)	+
	12th Grade	72.9	(71.2, 74.6)	+
Mother's Level of Education	High School or Less	82.2	(79.9, 84.4)	+
	> High School	73.7	(71.6, 75.7)	+
Geographic Location		#	#	#

#### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

#### Technical notes

+ Population not reported for subgroups.

^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.

# Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Physical activity - Adult leisure time physical activity

This indicator includes physical activity or exercise during the past 30 days other than on a regular job.

### Percent of adults engaging in leisure time physical activity in past month In Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2003	82.2	(79.1, 84.7)	221,141	82.3	(81.6, 83.0)	3,765,653
2004	83.8	(81.0, 86.3)	232,482	82.9	(82.1, 83.6)	3,848,391
2005	82.1	(79.7, 84.3)	233,659	82.7	(82.0, 83.4)	3,905,322
2006	84.2	(81.9, 86.2)	247,179	82.8	(82.1, 83.5)	3,995,427
2007	81.3	(78.8, 83.6)	246,021	82.6	(81.9, 83.3)	4,061,944
2008	81.5	(79.1, 83.7)	253,080	80.9	(80.1, 81.6)	4,046,078

### Adult leisure time physical activity: Inequities in Clark County, 2003-2008

Demographic characteristic		Percent	95% CI	Count
Gender	Female	81.2	(79.9, 82.4)	120,933
	Male	83.9	(82.3, 85.3)	117,994
Race/ethnicity	White	83.9	(82.9, 84.9)	209,329
	Hispanic	70.1	(62.8, 76.4)	10,554
	Asian	82.6	(74.7, 88.5)	5,375
	Native Hawaiian/PI	^	^	^
	Black	81.0	(69.6, 88.8)	2,628
	Amer. Ind/Alaska Nat.	^	^	^
Age Group Decreased with age	18 to 24	87.2	(83.3, 90.3)	32,606
	25 to 34	85.9	(83.3, 88.2)	46,416
	35 to 44	83.0	(80.8, 85.0)	50,989
	45 to 54	82.6	(80.5, 84.6)	47,592
	55 to 64	80.9	(78.6, 83.0)	32,086
	65+	74.1	(71.7, 76.3)	29,238
Level of Education Increased with education	Less than HS Grad	67.2	(62.0, 72.0)	13,473
	HS Grad or GED	77.8	(75.6, 79.8)	61,607
	Some college	82.5	(80.8, 84.1)	83,393
	≥College degree	90.2	(88.8, 91.4)	79,509
	98601	^	^	^
Geographic location (2008 only) Unable to identify inequities	98604	82.5	(73.2, 89.1)	21,497
	98606	^	^	^
	98607	80.9	(70.8, 88.0)	15,066
	98629	^	^	^
	98642	92.4	(83.3, 96.7)	11,933
	98660	^	^	^
	98661	78.6	(69.4, 85.6)	19,973
	98662	84.8	(74.5, 91.4)	16,482
	98663	^	^	^
	98664	81.5	(67.9, 90.2)	13,662
	98665	78.0	(66.7, 86.2)	16,918
	98671	85.0	(69.8, 93.3)	12,821
	98674	^	^	^
	98675	^	^	^
	98682	83.0	(75.7, 88.5)	28,252
	98683	77.8	(65.5, 86.6)	17,783
98684	76.2	(64.6, 84.8)	15,002	
98685	88.8	(81.3, 93.5)	18,420	
98686	85.2	(74.8, 91.8)	10,456	

#### Data sources

Washington State Department of Health, Center for Health Statistics. *Behavioral risk factor surveillance system*. Olympia, WA.

- Clark County data 2003-2008 [data files]
- Washington State data 2004-2007 [data query system] retrieved from <https://fortress.wa.gov/doh/brfss/>
- Washington State data 2003 and 2008 [personal communication with DOH]

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Physical Activity and Fitness, 22-1 Physical Activity in Adults*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>

**Technical notes**

^ Rates not calculated for counts fewer than 50.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Racial groups exclude Hispanic.

No variables have missing data rate >15%.

## Physical activity - Daily physical education attendance

This indicator includes the percent of youth who report attending physical education classes five days per week during an average school week. Data are among tenth grade students unless otherwise noted.

Percent of youth with daily physical education attendance in Clark County and Washington State						
Year	Percent	Clark County		Washington State		Count
		95% CI	Count	Percent	95% CI	
2004	35.3	(33.0, 37.6)	N/A	30.7	(24.2, 38.1)	+
2006	37.9	(35.4, 40.4)	N/A	35.1	(28.9, 41.8)	+
2008	41.2	(39.0, 43.4)	N/A	31.5	(25.0, 38.9)	+

Daily physical education attendance: Inequities in Clark County, 2004, 2006, & 2008 combined					
Demographic characteristic		Percent	95% CI	Count	
Gender	Female	34.4	(32.6, 36.2)	+	
	Male	42.5	(40.5, 44.5)	+	
Race/ethnicity Similar across race/ethnicities	White	38.3	(36.6, 39.9)	+	
	Hispanic	38.6	(33.4, 44.0)	+	
	Asian	33.1	(27.8, 38.9)	+	
	Native Hawaiian/PI	^	^	+	
	Black	40.9	(33.9, 48.3)	+	
	Native American	^	^	+	
Grade	8th Grade	59.2	(55.8, 62.5)	+	
	Decreased with grade level	10th Grade	38.2	(36.8, 39.5)	+
	12th Grade	29.1	(27.7, 30.6)	+	
Mother's Level of Education	High School or Less	39.7	(37.3, 42.0)	+	
	> High School	36.6	(34.7, 38.5)	+	
Geographic Location		#	#	#	

### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2004, 2006, & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

U.S. Department of Health and Human Services. *Healthy People 2010 Midcourse Review*. Washington, DC: U.S. Government Printing Office, December 2006. *Physical Activity and Fitness, 22-9 Physical Activity in Children and Adolescents*. Retrieved April, 2010, from <http://www.healthypeople.gov/data/midcourse/>

### Technical notes

+ Population not reported for subgroups.

^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.

# Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Physical activity - Youth physical activity

This indicator includes the percent of youth who report being physically active for at least 60 minutes on at least 5 of the past 7 days. This includes any kind of physical activity that increases heart rate or causes youth to breathe hard some of the time. Data are among tenth grade students unless otherwise noted.

### Percent of youth who meet physical activity recommendation in Clark County and Washington State

Year	Percent	Clark County		Percent	Washington State	
		95% CI	Count		95% CI	Count
2006	40.1	(37.6, 42.6)	N/A	41.9	(39.5, 44.2)	+
2008	44.0	(41.8, 46.2)	N/A	43.5	(40.8, 46.2)	+

### Youth who meet physical activity recommendation: Inequities in Clark County, 2004, 2006, & 2008 combined

Demographic characteristic	Percent	95% CI	Count	
<b>Gender</b>	<b>Female</b>	35.2	(33.0, 37.4)	+
	<b>Male</b>	49.7	(47.2, 52.1)	+
<b>Race/ethnicity</b> Similar across race/ethnicities	<b>White</b>	42.4	(40.4, 44.4)	+
	<b>Hispanic</b>	40.3	(34.1, 46.8)	+
	<b>Asian</b>	37.9	(31.2, 45.1)	+
	<b>Native Hawaiian/PI</b>	^	^	+
	<b>Black</b>	43.2	(35.2, 51.7)	+
	<b>Native American</b>	^	^	+
<b>Grade</b> <b>Decreased</b> with grade level	<b>6th Grade</b>	64.1	(62.0, 66.1)	+
	<b>8th Grade</b>	47.0	(45.3, 48.8)	
	<b>10th Grade</b>	42.0	(40.4, 43.7)	+
	<b>12th Grade</b>	36.9	(35.1, 38.7)	+
<b>Mother's Level of Education</b>	<b>High School or Less</b>	36.0	(33.3, 38.9)	+
	<b>&gt; High School</b>	46.0	(43.7, 48.4)	+
<b>Geographic Location</b>	#	#	#	

### Data sources

Washington State Department of Health. *Healthy Youth Survey, 2006 & 2008*. [Data files]. Olympia, WA.

Intercooled Stata 9, StataCorp LP, College Station, TX.

### Technical notes

+ Population not reported for subgroups.

^ Rates not calculated for fewer than 50 survey responses or where crosstabs would include at least one cell with a count <15.

# Data not available for this sub-group for this indicator.

No variables have missing data rate >15%.

Racial groups exclude Hispanic.

## Sexual & reproductive health - Teen births

The teen birth rate is the number of births per 1,000 teen women aged 15-17 years.

Teen birth rate per 1,000 in Clark County and Washington State						
Year	Clark County			Washington State		
	Rate	95% CI	Count	Rate	95% CI	Count
1999	23.7	(20.3, 27.4)	178	21.7	(20.8, 22.5)	2,699
2000	18.7	(15.7, 22.0)	142	20.4	(19.7, 21.2)	2,559
2001	14.0	(11.5, 16.9)	109	17.7	(17.0, 18.5)	2,251
2002	13.8	(11.3, 16.6)	110	16.8	(16.1, 17.5)	2,151
2003	9.9	(7.9, 12.3)	81	15.3	(14.7, 16.0)	1,976
2004	11.9	(9.7, 14.5)	99	15.5	(14.9, 16.2)	2,006
2005	12.1	(9.9, 14.7)	104	14.9	(14.2, 15.6)	1,966
2006	12.4	(10.2, 14.9)	110	15.2	(14.6, 15.9)	2,062
2007	12.0	(9.9, 14.5)	110	16.1	(15.4, 16.8)	2,217
2008	12.1	(9.9, 14.5)	111	15.5	(14.9, 16.2)	2,131

Teen birth rate: Inequities in Clark County, 2004 to 2008			
Demographic characteristic	Rate	CI*	Count
<b>Gender</b>	<b>#</b>	<b>#</b>	<b>#</b>
	White	(7.7, 9.7)	316
	Hispanic	(46.4, 64.5)	147
<b>Race/ethnicity</b>	Asian	^	+
	Black	^	16
	Native American	^	+
	Pacific Islander	^	+
<b>Age group</b>	<b>#</b>	<b>#</b>	<b>#</b>
<b>Education Level</b>	<b>#</b>	<b>#</b>	<b>#</b>
	98601	^	+
	98604	(2.2, 9.4)	25
	98606	^	+
	98607	^	11
	98629	^	5
	98642	^	11
	98660	^	13
	98661	(20.3, 37.1)	110
	98662	(5.0, 17.1)	32
<b>Geographic location</b>	98663	(12.1, 41.8)	31
	98664	(8.8, 27.4)	36
	98665	(9.4, 27.0)	41
	98671	(4.5, 19.1)	25
	98674	^	16
	98675	^	+
	98682	(10.2, 20.4)	86
	98683	(2.9, 13.7)	23
	98684	(4.7, 16.4)	31
	98685	(2.7, 12.1)	24
	98686	^	15

**Data sources**

Vital Registration System, Annual Statistics Files, Births 1999-2008. [Data file]. Olympia, WA: Washington State Department of Health, Center for Health Statistics.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

Dean AG, Sullivan KM, Soe MM. OpenEpi: Open Source Epidemiologic Statistics for Public Health, Version 2.3. [www.OpenEpi.com](http://www.OpenEpi.com), updated 2009/20/05, accessed 2010/03/11.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

**Technical notes**

- + Counts not reported for fewer than 5 occurrences.
- ^ Rates not calculated for counts fewer than 20.
- # Data not available or not applicable for this sub-group for this indicator.
- \* Confidence interval width adjusted using the Bonferroni adjustment for geographical data to account for multiple comparisons. Otherwise, 95% Confidence Intervals are reported.

"Count" indicates number of individuals within each year or subgroup with this indicator characteristic.

Percent missing data not available for this indicator.

Racial groups exclude Hispanic.

## Sexual & reproductive health - Chlamydia

This indicator includes the number of reported Chlamydia infections per 100,000 women aged 15-24.

### Chlamydia rate among women aged 15-24 in Clark County and Washington State

Year	Rate	Clark County		Rate	Washington State	
		95% CI	Count		95% CI	Count
1999	1,384.0	(1,231.3, 1,550.3)	298	1,687.2	(1,646.7, 1,728.6)	6,561
2000	1,652.7	(1,487.9, 1,830.8)	367	1,904.4	(1,861.7, 1,947.8)	7,559
2001	1,767.1	(1,599.4, 1,947.7)	406	1,955.1	(1,912.4, 1,998.5)	7,967
2002	1,905.1	(1,734.0, 2,088.4)	455	2,081.4	(2,037.8, 2,125.8)	8,647
2003	1,774.5	(1,612.0, 1,949.0)	437	2,294.4	(2,248.9, 2,340.6)	9,681
2004	1,818.3	(1,656.6, 1,991.5)	464	2,383.4	(2,337.5, 2,430.1)	10,236
2005	1,756.0	(1,599.2, 1,924.0)	460	2,270.0	(2,225.6, 2,315.1)	9,935
2006	1,684.6	(1,533.6, 1,846.3)	457	2,179.5	(2,136.4, 2,223.1)	9,763
2007	1,857.3	(1,701.0, 2,024.2)	519	2,170.0	(2,127.5, 2,213.2)	9,901
2008	2,197.7	(2,028.8, 2,377.0)	625	2,385.8	(2,341.4, 2,430.8)	11,002

### Chlamydia rate among women aged 15-24: Inequities in Clark County, 2004 to 2008

Demographic characteristic	Rate	95% CI	Count
<b>Gender</b>	#	#	#
<b>Race/ethnicity</b>	#	#	#
<b>Age group</b>			
15 to 17	1,229.7	(1,128.5, 1,337.7)	543
18 to 19	2,826.3	(2,625.1, 3,038.9)	731
20 to 24	1,918.5	(1,813.7, 2,027.9)	1,251
<b>Education Level</b>	#	#	#
<b>Geographic location</b>	#	#	#

#### Data sources

STD Report Records: Washington State Department of Health, STD/TB Services.

1990-2008 Population Estimates: Population Estimates for Public Health Assessment, Washington State Department of Health, Vista Partnership, and Krupski Consulting.

Community Health Assessment Tool (CHAT) [Computer software for public health assessment, 2009-10, Washington State Department of Health. Olympia, WA.

JoinPoint Regression Program, Version 3.3 - April 2008; Statistical Research and Applications Branch, National Cancer Institute.

#### Technical notes

# Data not available or not applicable for this sub-group for this indicator.

“Count” indicates number of individuals within each year or subgroup with this indicator characteristic.

Date of exam is used when classifying cases in time.

Percent missing data not available for this indicator.



#### For other formats

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