

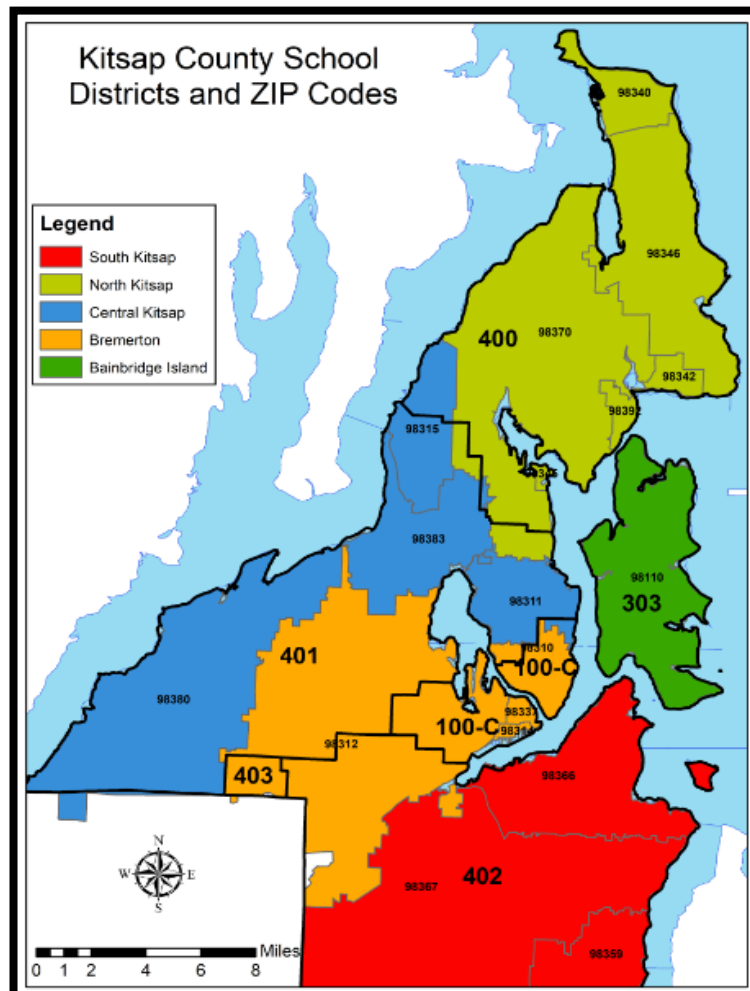
# SELECTED INDICATORS FOR WOMEN AGES 15 TO 44 IN KITSAP COUNTY

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## INTRODUCTION

This report is designed to provide information about women ages 15 to 44 in Kitsap County. Each indicator is reported for Kitsap and Washington State and for available subgroups. Data for Kitsap County is compared to data for the entire state. If Kitsap's data is statistically significantly different from the state, it is colored red, purple or green. When available, data for subgroups within Kitsap are displayed. One of the subgroups is labeled as a reference against which all other groups in that category are compared. When a subgroup is statistically significantly different from the reference, it is colored red, purple or green. Red or green color is used to indicate in general whether the category is considered better or worse, but in some cases, when no judgement could be made (i.e. pregnancy and birth rates), purple color merely indicates a statistically significant difference.

Subgroups by geographic region are based on either zip codes or school districts, according to the following map:



## DATA DETAILS

Two distinct types of data have been used to calculate the values reported in this report: survey and incidence. All data in the indicator report are 'rounded' to the nearest whole number, or to the first decimal place when the percent or rate is less than 10.

### Survey Data

Survey data are acquired through population surveys, in which a segment or portion of the population of interest is surveyed. Surveys are conducted because it is unrealistic to obtain information from the whole population of interest. Using statistical methods, the answers of those surveyed can be generalized to describe the entire population of interest. This method assumes that the group surveyed is statistically the same as the population it represents.

### Incidence Data

Incidence data are counts of new events that occur to members of a specific group during a specific time period. Incidence data are reported as a rate. Rates are comparable across groups and time. Estimates based on incidence are more reliable than survey data because they are based on all events in the population, however they are still estimates because events and their associated data may be under or over reported within the population and could be misclassified.

### Confidence Intervals

A confidence interval (CI) is a range of values that describes the uncertainty surrounding a calculated value. We use confidence intervals as one way to represent how 'real' a value is. For this report, we used a probability of 95% such that, if we were to repeatedly calculate new values using exactly the same procedures, 95 out of 100 values would be fall within the range described by the confidence interval. Interpretation of values should be done with greater caution when confidence intervals are wide as this indicates increased variability in the data.

### Statistically Significant

Statistically significant is a term used to indicate a likely difference between two estimates. Data are statistically significantly different if a statistical test shows at least a 95% confidence that the difference between the estimates is not due to chance. In this report, a statistically significant difference from the reference group is indicated by a red, purple or green color.

### Data Suppression

Data are suppressed (indicated by a "--") when there are fewer than 10 people or events and where the reliability of the estimate is low (the standard error is 32% or more of the estimate). When the reliability of the estimate is considered moderate (the standard error is between 25.0% and 31.9% of the estimate, inclusive), a range based on the 95% confidence interval is displayed instead of the estimated value, in order to give an indication of how variable the estimate is. When the reliability is high (the standard error is less than 25% of the estimate), the estimate is displayed.

DEMOGRAPHIC INDICATORS		
Women Ages 15-44:	Number	Percent
WA State Overall*	1,422,289	19% of total population, 39% of all women
Kitsap Overall*	41,478	16% of total population, 32% of all women
BY KITSAP REGIONS*		
Bainbridge Island	2,791	12%
Bremerton	8,052	17%
Central Kitsap	12,009	17%
North Kitsap	7,144	15%
South Kitsap	11,445	16%
BY RACE & ETHNICITY*		
White Non-Hispanic (NH)	29,561	71.3%
People of Color, including Hispanic	11,917	28.7%
Black or African American NH	1,262	3.0%
American Indian or Alaskan Native NH	697	1.7%
Asian NH	2,628	6.3%
Native Hawaiian or Other Pacific Islander NH	566	1.4%
Two or more races NH	2,770	6.7%
Hispanic or Latino	3,994	9.6%
BY AGE GROUP*		
15-24 years old	13,420	35%
25-34 years old	13,413	32%
35-44 years old	14,645	34%
BY MARITAL STATUS**		
Married or living together	22,641	48%
BY EDUCATION LEVEL		
More than high school (ages 25-44)	24,763	77%
BY MILITARY STATUS***		
Military (ages 16-44)	1,019	2.3%
BY HEALTH INSURANCE TYPE**		
Have any insurance (ages 18-44)	37,424	91%
Have public insurance (Medicaid) (ages 18-44)	9,365	23%
Source (Year):	*OFM (2017) <sup>1</sup> /**ACS (2016) <sup>2</sup> /**ACS (2011-16) <sup>2</sup>	

\* Source is OFM (2017)<sup>1</sup>

\*\* Source is ACS (2016)<sup>2</sup>

\*\*\* Source is ACS (2012-16)<sup>2</sup>

NH = Non-Hispanic

PREGNANCY INDICATORS		
Women Ages 15-44:	Pregnancy rate per 1,000	Birth rate per 1,000
WA State Overall (reference)	77	64
Kitsap Overall	83	70
BY KITSAP REGIONS (Compared to Kitsap Overall)		
Bremerton	<i>data not available</i>	78
Central Kitsap		79
North Kitsap		59
South Kitsap		68
Bainbridge Island		43
BY RACE & ETHNICITY		
White NH (reference)	<i>data not available</i>	70
People of Color, including Hispanic		68
Black or African American NH		75
American Indian or Alaskan Native NH		61
Asian NH		59
Native Hawaiian or Other Pacific Islander NH		70
Two or more races NH		66
Hispanic or Latino		76
BY AGE GROUP		
15-24 years old (reference)	81	63
25-34 years old	138	121
35-44 years old	32	27
Source:	CHAT <sup>3</sup>	CHAT <sup>3</sup>
Year(s):	2012-16	2012-16

NH = Non-Hispanic

SOCIOECONOMIC INDICATORS				
Women Ages 16-44:	Living below 100% of poverty (ages 15-44)	Employed (of those in labor force)	In labor force	In Armed Forces
WA State Overall (reference)	17%	92%	70%	0.5%
Kitsap Overall	14%	93%	68%	2.3%
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton	27%	92%	66%	2.3% - 7.3%
Central Kitsap	10%	93%	70%	1.9% - 5.9%
North Kitsap	9%	95%	67%	--
South Kitsap	16%	92%	67%	--
Bainbridge Island	4% - 13%	--	68%	n = 0
BY RACE & ETHNICITY				
White NH (reference)	14%	<i>data not available</i>	<i>data not available</i>	<i>data not available</i>
People of Color, including Hispanic	15%			
Black or African American NH	12% - 49%			
American Indian or Alaskan Native NH	17% - 54%			
Asian NH	--			
Native Hawaiian or Other Pacific Islander NH	--			
Two or more races NH	16%			
Hispanic or Latino	16%			
BY AGE GROUP				
16-24 years old (reference)	17% (ages 15-24)	88%	61%	3%
25-34 years old	17%	95%	70%	--
35-44 years old	10%	95%	72%	--
Source:	ACS <sup>2</sup>	ACS <sup>2</sup>	ACS <sup>2</sup>	ACS <sup>2</sup>
Year(s):	2012-16	2012-16	2012-16	2012-16

-- = n<10 or estimate is unreliable due to high variability

NH = Non-Hispanic

CHRONIC DISEASE INDICATORS				
Women Ages 18-44:	Healthy weight (BMI 18.5-24.9)	Obese (BMI 30+)	Asthma prevalence among adults	Disability status (ages 18-34)
WA State Overall (reference)	49%	22%	12%	6%
Kitsap Overall	44%	26%	13%	8%
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton	36%	34%	7% - 25%	12%
Central Kitsap	47%	15% - 41%	8% - 27%	6%
North Kitsap	50%	--	--	4% - 12%
South Kitsap	45%	16% - 41%	--	3% - 10%
Bainbridge Island	56%	--	--	--
BY RACE & ETHNICITY				
White NH (reference)	45%	25%	13%	10%
People of Color, including Hispanic	41%	30%	--	
Hispanic or Latino	26% - 71%	--	--	--
BY AGE GROUP				
18-24 years old (reference)	53%	--	--	<i>data not available</i>
25-34 years old	38%	28%	8% - 24%	
35-44 years old	42%	35%	16%	
BY MARITAL STATUS				
Married or living together (reference)	41%	23%	12%	<i>data not available</i>
Never married	53%	22%	--	
Formerly married	21% - 60%	46%	--	
BY INCOME LEVEL				
>\$50,000 (reference)	54%	19%	7% - 22%	<i>data not available</i>
≤\$50,000	33%	33%	15%	
BY EDUCATION LEVEL				
More than high school (reference)	43%	24%	14%	<i>data not available</i>
High school or less	46%	29%	6% - 21%	
Source:	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	ACS <sup>2</sup>
Year(s):	2012-16	2012-16	2012-16	2012-16

-- = n<10 or estimate is unreliable due to high variability

CHRONIC DISEASE INDICATORS (CONTINUED)				
Women Ages 18-44:	Any leisure-time physical activity in past month	Get 8 or more hours of sleep on average in a 24 hour period	Ever told had diabetes (D) or gestational diabetes (GD)	Diabetes-related hospitalizations per 100,000 (ages 15-44)
WA State Overall (reference)	83%	38%	2.9% (D), 3.2% (GD)	416
Kitsap Overall	84%	39%	--	454
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton	--	--	--	576
Central Kitsap	--	37%	--	271
North Kitsap	--	--	--	365
South Kitsap	65% - 88%	56%	--	643
Bainbridge Island	--	--	--	56 - 166
BY RACE & ETHNICITY				
White NH (reference)	86%	44%	--	data not available
People of Color, including Hispanic	--	13% - 44%	--	
BY AGE GROUP				
18-24 years old (reference)	--	40%	--	286 (ages 15-44)
25-34 years old	80%	48%	--	411
35-44 years old	81% - 93%	33%	--	657
BY MARITAL STATUS				
Married or living together (reference)	84% - 95%	33%	--	data not available
Never married	65% - 88%	53%	--	
Formerly married	--	--	--	
BY INCOME LEVEL				
>\$50,000 (reference)	--	43%	--	data not available
≤\$50,000	82%	35%	--	
BY EDUCATION LEVEL				
More than high school (reference)	87%	35%	--	data not available
High school or less	67% - 88%	47%	--	
Source:	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	CHAT <sup>5</sup>
Year(s):	2012-16	2013, 14, 16	2012-16	2011-15

-- = n<10 or estimate is unreliable due to high variability



ACCESS TO CARE INDICATORS				
Women Ages 18-44:	Has health insurance coverage	Has dental insurance coverage	Has a personal doctor/healthcare provider	Had pap test in past 3 years
WA State Overall (reference)	86%	72%	71%	74%
Kitsap Overall	89%	81%	68%	68%
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton	84%	--	63%	--
Central Kitsap	91%	66% - 90%	72%	60%
North Kitsap	88%	--	48% - 82%	--
South Kitsap	90%	--	65% - 88%	36% - 77%
Bainbridge Island	--	--	--	--
BY RACE & ETHNICITY				
White NH (reference)	<i>data not available</i>	86%	75%	71%
People of Color, including Hispanic		--	49%	39% - 78%
Hispanic or Latino		--	53%	--
BY AGE GROUP				
18-24 years old (reference)	89%	--	59%	40%
25-34 years old	86%	--	76%	--
35-44 years old	91%	73%	70%	--
BY MARITAL STATUS				
Married or living together (reference)	<i>data not available</i>	--	70%	--
Never married		56% - 86%	68%	19% - 51%
BY INCOME LEVEL				
>\$50,000 (reference)	<i>data not available</i>	--	74%	57% - 87%
≤\$50,000		70%	65%	66%
BY EDUCATION LEVEL				
More than high school (reference)	<i>data not available</i>	84%	75%	75% - 93%
High school or less		--	58%	48%
Source:	ACS <sup>2</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>
Year(s):	2012-16	2012, 14, 16	2012-16	2012, 14, 15

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ACCESS TO CARE INDICATORS (CONTINUED)				
Women Ages 18-44:	Had a routine check up in the past year	Had a dental visit in the past year	Delayed needed medical care because of cost	Delayed needed medical care for reason other than cost
WA State Overall (reference)	61%	68%	18%	43%
Kitsap Overall	68%	73%	14%	43%
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton	77%	--	--	--
Central Kitsap	73%	59% - 88%	--	--
North Kitsap	59%	--	--	--
South Kitsap	66%	58% - 87%	--	56%
Bainbridge Island	--	--	--	--
BY RACE & ETHNICITY				
White NH (reference)	76%	75%	11%	45%
People of Color, including Hispanic	--	50% - 85%	12% - 33%	21% - 60%
BY AGE GROUP				
18-24 years old (reference)	72%	60% - 88%	--	--
25-34 years old	63%	73%	8% - 24%	52%
35-44 years old	67%	70%	15%	33%
BY MARITAL STATUS				
Married or living together (reference)	68%	80%	5% - 15%	38%
Never married	67%	74%	10% - 30%	29% - 76%
Formerly married	--	--	--	--
BY INCOME LEVEL				
>\$50,000 (reference)	62%	67% - 89%	--	37%
≤\$50,000	72%	66%	21%	51%
BY EDUCATION LEVEL				
More than high school (reference)	78%	78%	16%	48%
High school or less	68%	66%	--	19% - 54%
Source:	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>
Year(s):	2012-16	2012, 14-16	2012-16	2015, 16

-- = n<10 or estimate is unreliable due to high variability

## COMMUNICABLE DISEASE AND MENTAL HEALTH INDICATORS

Women Ages 18-44:	Chlamydia rate per 100,000 (ages 15-44)	Gonorrhea rate per 100,000 (ages 15-44)	Ever told they had a depressive disorder	Frequent mental distress (>13 days/month)
WA State Overall (reference)	1,342	184	28%	16%
Kitsap Overall	1,483	181	32%	15%
BY KITSAP REGIONS (Compared to Kitsap overall)				
Bremerton (reference)	<i>data not available</i>	<i>data not available</i>	36%	11% - 34%
Central Kitsap			32%	11% - 32%
North Kitsap			30%	--
South Kitsap			32%	--
Bainbridge Island			--	--
BY RACE & ETHNICITY				
White NH (reference)	<i>data not available</i>	<i>data not available</i>	33%	14%
People of Color, including Hispanic			29%	--
BY AGE GROUP				
18-24 years old (reference)	3,286 (ages 15-24)	294 (ages 15-24)	33%	10% - 30%
25-34 years old	1,113	201	40%	9% - 24%
35-44 years old	187	57	21%	--
BY MARITAL STATUS				
Married or living together (reference)	<i>data not available</i>	<i>data not available</i>	29%	5% - 17%
Never married			36%	12% - 34%
Formerly married			41%	--
BY INCOME LEVEL				
>\$50,000 (reference)	<i>data not available</i>	<i>data not available</i>	23%	--
≤\$50,000			39%	21%
BY EDUCATION LEVEL				
More than high school (reference)	<i>data not available</i>	<i>data not available</i>	27%	13%
High school or less			38%	10% - 27%
Source:	CHAT <sup>5</sup>	CHAT <sup>5</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>
Year(s):	2013-17	2013-17	2012-16	2012-16

-- = n<10 or estimate is unreliable due to high variability

SUBSTANCE USE INDICATORS			
Women Ages 18-44:	Use e-cigarettes every day or some days	Smoked at least 100 cigarettes in lifetime and currently smoke at least some days	Used marijuana in past 30 days
WA State Overall (reference)	19%	16%	12%
Kitsap Overall	--	21%	11%
BY KITSAP REGIONS (Compared to Kitsap overall)			
Bremerton	--	--	--
Central Kitsap	--	25%	--
North Kitsap	--	--	--
South Kitsap	--	38%	--
Bainbridge Island	--	--	--
BY RACE & ETHNICITY			
White NH (reference)	--	23%	12%
People of Color, including Hispanic	--	10% - 30%	--
BY AGE GROUP			
18-24 years old (reference)	--	12% - 33%	--
25-34 years old	--	30%	8% - 28%
35-44 years old	--	14%	--
BY MARITAL STATUS			
Married or living together (reference)	--	16%	7% - 20%
Never married	--	26%	--
Formerly married	--	41%	--
BY INCOME LEVEL			
>\$50,000 (reference)	--	7% - 20%	6% - 21%
≤\$50,000	--	31%	--
BY EDUCATION LEVEL			
More than high school (reference)	--	15%	6% - 19%
High school or less	--	30%	--
Source:	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>	BRFSS <sup>4</sup>
Year(s):	2016	2012-16	2012-16

-- = n<10 or estimate is unreliable due to high variability

## SOURCES

<sup>1</sup> Washington State Office of Financial Management, Population Estimates, <https://www.ofm.wa.gov/washington-data-research/population-demographics/population-estimates>, accessed May 2018

<sup>2</sup> US Census and American Community Survey, American FactFinder, <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>, accessed May 2018

<sup>3</sup> Washington State Department of Health, Center for Health Statistics, Vital Statistics Databases, Community Health Assessment Tool (CHAT), accessed May 2018

<sup>4</sup> Washington State Department of Health, Center for Health Statistics, Behavioral Risk Factor Surveillance System, supported in part by Centers for Disease Control and Prevention: analyzed by Kitsap Public Health District

<sup>5</sup> Washington State Department of Health, Center for Health Statistics, Hospital Discharge Database, Community Health Assessment Tool (CHAT), accessed May 2018

<sup>6</sup> Washington State Department of Health, Infectious Disease, STD Services Section, PHIMS-STD, Community Health Assessment Tool (CHAT), accessed May 2018

## BACKGROUND INFORMATION

### DATA SOURCES

#### **Washington State Office of Financial Management**

Washington State law requires the Office of Financial Management (OFM) to annually determine the populations of all cities and towns in the state. OFM population estimates are used in state program administration and in the allocation of selected state revenues.

#### **U.S. Census and American Community Survey**

The Census and American Community Survey collect data about population, housing and the economy. The Census is conducted every 10 years, while the American Community Survey is conducted annually.

#### **Vital Statistics Databases**

The Kitsap Public Health District maintains vital statistics databases with information about all county resident births and deaths. Data are obtained every year from the Washington State Department of Health. A limitation of vital statistics data is that some information may be missing from the reporting forms and therefore from the database.

#### **Community Health Assessment Tool (CHAT)**

The Community Health Assessment Tool (CHAT) is an online repository of public health data maintained by the Washington State Department of Health and available to local public health assessment staff. CHAT includes: birth risk factors, cancer incidence, communicable diseases, sexually transmitted diseases, tuberculosis, fertility, hospitalizations, infant mortality, life expectancy, mortality, population and pregnancy and abortion data. Sexually transmitted disease cases include only those with confirmed classification. Hospitalization data are for inpatient stays (not emergency department visits) and do not include federal facilities. Also, if an individual is hospitalized more than once they will be represented in the estimate more than once.

#### **Behavioral Risk Factor Surveillance System (BRFSS)**

The Behavioral Risk Factor Surveillance System (BRFSS) is an annual land-line telephone survey – expanded to include cell phones beginning in 2011 - conducted continuously throughout the year. It is a collaborative effort of the Centers for Disease Control and the Washington State Department of Health. The survey collects information from adults on health conditions, health-related behaviors and risk and protective factors. The survey has several limitations. First, individuals without landlines or cellular telephones are not included. Surveys are conducted in English and Spanish only. Potential respondents are not always available or willing to participate. Because the survey relies on respondent's own report, some data may be under or overestimated. Data prior to 2011 is not used due to methodological changes in the survey administration and statistical weighting.