

KITSAP COUNTY HEALTH STATUS ASSESSMENT, 2019

SECTION E. PREGNANCY AND BIRTHS

SUBSECTION E.1. PREGNANCY

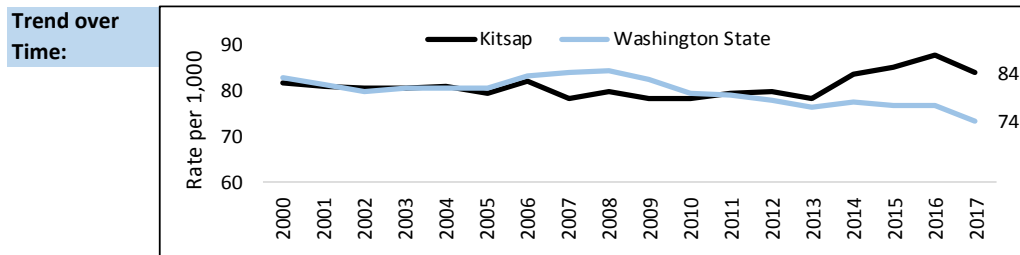
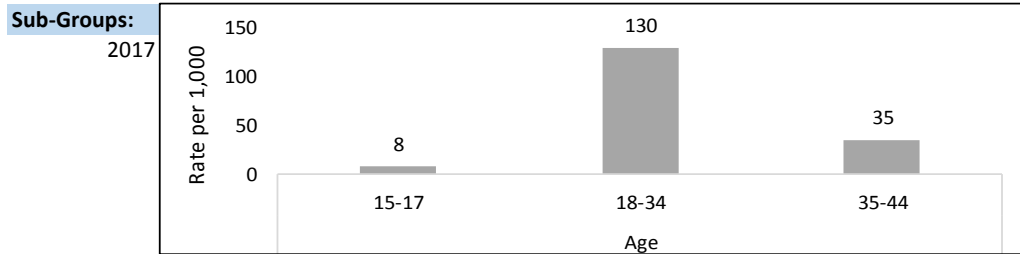
PREGNANCY RATE Rate per 1,000

The number of live births, fetal deaths and induced abortions per 1,000 women of child-bearing age (age 15-44).

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, there were about 84 pregnancies for every 1,000 women of child-bearing age in Kitsap. This rate is unchanged since 2000, but higher than the state overall. The rate is higher among those age 18 to 34 (130 per 1,000), lower among those age 35 to 44 (35 per 1,000) and lowest among those age 15 to 17 (8 per 1,000).

Rate per 1,000	Early year 2000	2010	Recent year 2017	Statistical trend since 2000	
Kitsap County	82	78	84		n/a
Washington State	83	79	74	Decreasing	Annual change: -0.5%
Statistical comparison: Kitsap vs. Washington:			Higher		
Estimated number of Kitsap County residents:			3,483		



ABORTION RATE PER 1,000 WOMEN AGE 15-44 RATE PER 1,000

The number of induced abortions among women of all ages per 1,000 women age 15-44.

Source: WA State Department of Health, Community Health Assessment Tool (CHAT)

Summary: In 2018, there were about 12 induced abortions among women age 15 to 44 in Kitsap. This rate is decreasing since 2000 and about the same as the state. There were about 505 induced abortions in Kitsap in 2018.

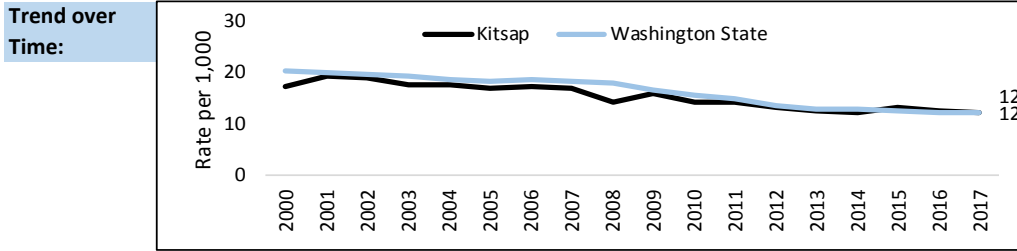
Rate per 1,000	Early year 2000	2010	Recent year 2018	Statistical trend since 2000	
Kitsap County	17	14	12		Annual change: -3%
Washington State	20	16	12		Annual change: -3%
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:			505		

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SUBSECTION E.1. PREGNANCY

Abortion rate per 1,000 women age 15-44 continued:

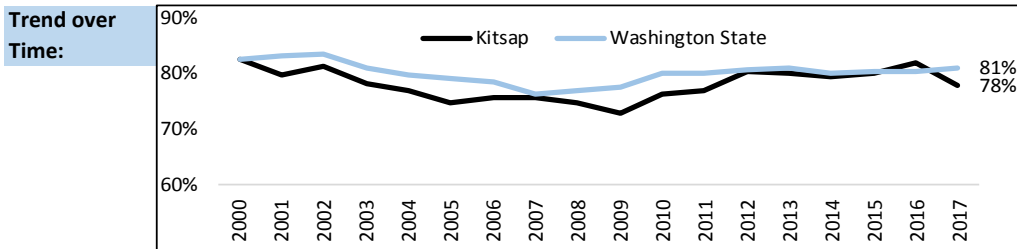
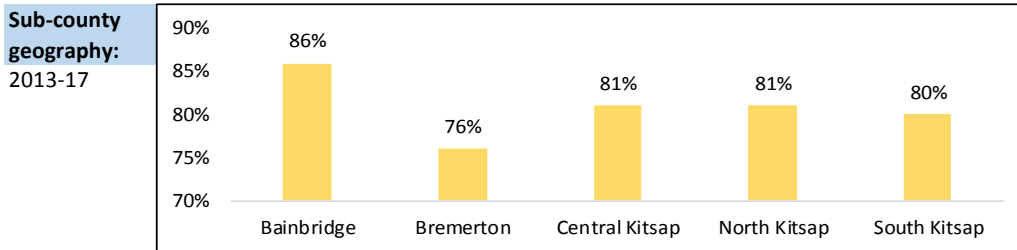


PRENATAL CARE INITIATION IN THE FIRST TRIMESTER Percentage

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, more than 3 in 4 Kitsap women began prenatal care in the first trimester, about the same as the state. From 2013 to 2017, the lowest percentage of women initiating prenatal care in the first trimester was in Bremerton (76%).

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000	
Kitsap County	83%	76%	78%		n/a
Washington State	83%	80%	81%		n/a
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:					
			2,201		



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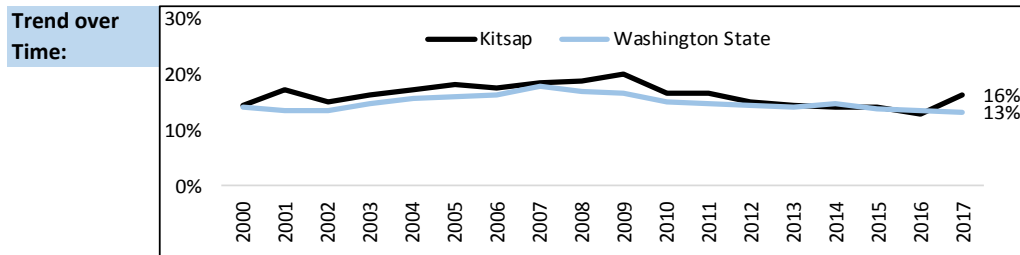
SUBSECTION E.1. PREGNANCY

PRENATAL CARE INITIATION IN THE SECOND TRIMESTER Percentage

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, 78% of Kitsap pregnant women started prenatal care in the first trimester, and an additional 16% started prenatal care in the second trimester.

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000	
Kitsap County	14%	17%	16%		n/a
Washington State	14%	15%	13%		n/a
Statistical comparison: Kitsap vs. Washington:			Higher		
Estimated number of Kitsap County residents:			464		

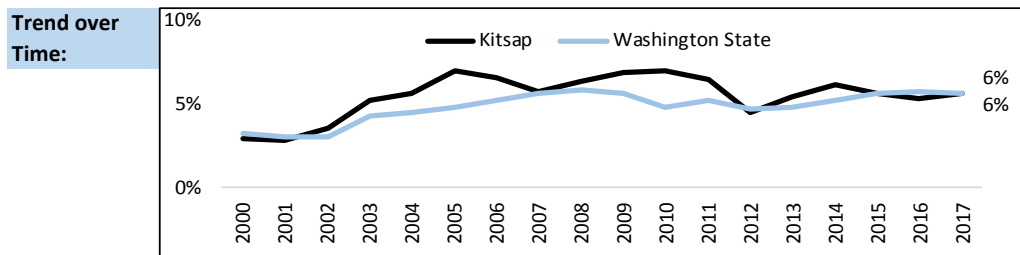


PRENATAL CARE INITIATION IN THE THIRD TRIMESTER OR NO PRENATAL CARE Percentage

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, only 6% of pregnant women in Kitsap started prenatal care in the third trimester or had no prenatal care at all. This percentage is unchanged from 2000 to 2017 and is the same as Washington State overall. It accounts for 160 women.

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000	
Kitsap County	3%	7%	6%		n/a
Washington State	3%	5%	6%		Annual change: 2%
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:			160		



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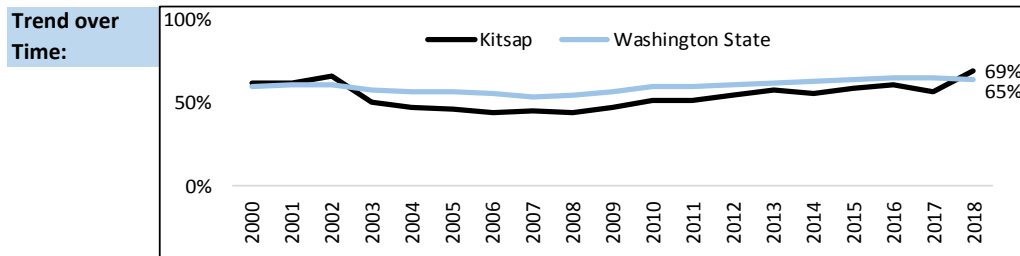
SUBSECTION E.1. PREGNANCY

EARLY AND ADEQUATE PRENATAL CARE Percentage

The percentage of births where mothers began prenatal care in the first trimester and kept 80% or more of their recommended prenatal care visits.
Source: WA State, Community Health Assessment Tool (CHAT)

Summary: About 69% of Kitsap pregnant women in 2018 started prenatal care in the first trimester and kept 80% or more of their recommended prenatal care visits. This percentage is unchanged from 2000 to 2018 and is the same as the state.

Percentage	Early year 2000	2010	Recent year 2018	Statistical trend since 2000	
Kitsap County	62%	52%	69%		n/a
Washington State	60%	60%	65%		Annual change: 0.7%
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:					
			1,558		

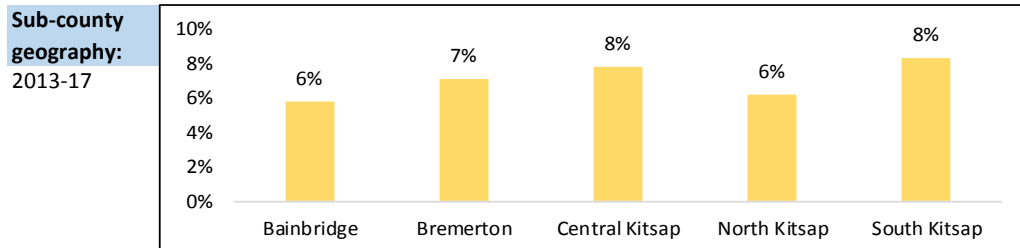


GESTATIONAL DIABETES Percentage

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, 7% of Kitsap pregnant women had gestational diabetes. This percentage has been worsening since 2000, but is better than the state overall. Central Kitsap and South Kitsap women have the highest percentage of gestational diabetes from 2013 to 2017.

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000	
Kitsap County	3%	5%	7%		Annual change: 6%
Washington State	3%	6%	9%		Annual change: 6%
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:					
			208		

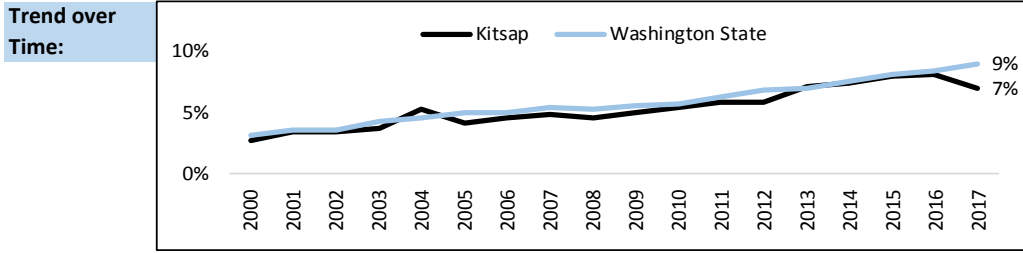


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SUBSECTION E.1. PREGNANCY

Gestational diabetes continued:

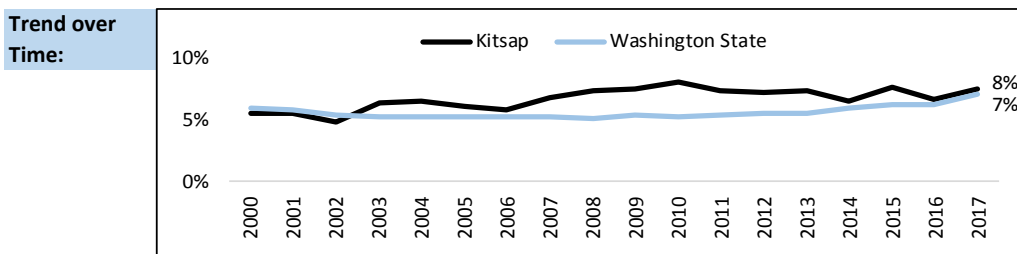
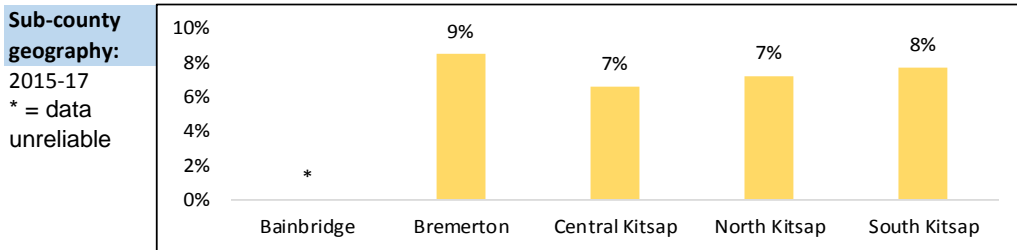


GESTATIONAL HYPERTENSION Percentage

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: In 2017, 8% of Kitsap pregnant women had gestational hypertension. This percentage has been worsening since 2000, but is about the same as the state overall. Bremerton women have the highest percentage of gestational hypertension (9%) from 2015 to 2017, although there is very little difference by geographic region within Kitsap.

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000
Kitsap County	6%	8%	8%	Annual change: 2%
Washington State	6%	5%	7%	Annual change: 1%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents: 224				



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SUBSECTION E.1. PREGNANCY

SMOKING DURING PREGNANCY Percentage

The percentage of women who report smoking while pregnant.

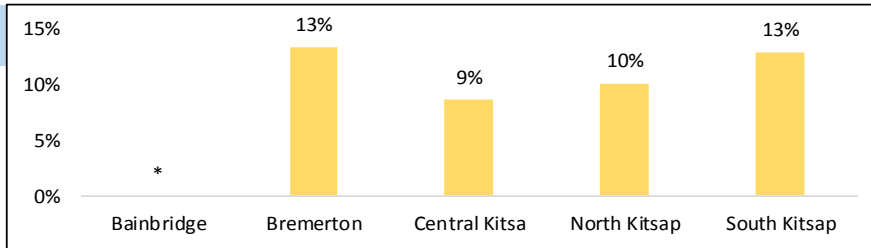
Source: WA State Department of Health, Center for Health Statistics, Vital Statistics Databases

Summary: In 2017, 7% of women reported smoking during their pregnancy. This percentage has been decreasing in both Kitsap and the state from 2000 to 2017, but Kitsap's percentage in 2017 is worse than the state's. About 218 Kitsap women smoked during their pregnancy in 2017. Sub-county and subgroup data includes the percentage of women who smoked during their pregnancy and in the 3 months prior to their pregnancy. This percentage was highest in Bremerton (13%) and South Kitsap (13%), and highest among younger mothers (19% among those age 10 to 17), those with less education (21% among those with a high school education or less), and non-Hispanic White mothers (12%) compared to mothers who identify as a race other than non-Hispanic White (10%).

Percentage	Early year 2000	2010	Recent year 2017	Statistical trend since 2000
Kitsap County	16%	11%	7%	Annual change: -3%
Washington State	14%	9%	6%	Annual change: -4%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents:			218	

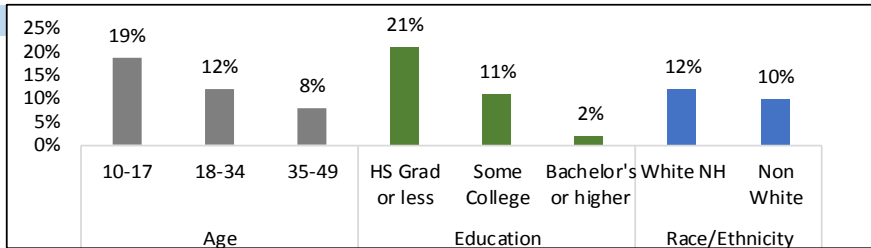
Sub-county geography: 2012-16

* sub-county area data include women who smoked in the 3 months prior to pregnancy.

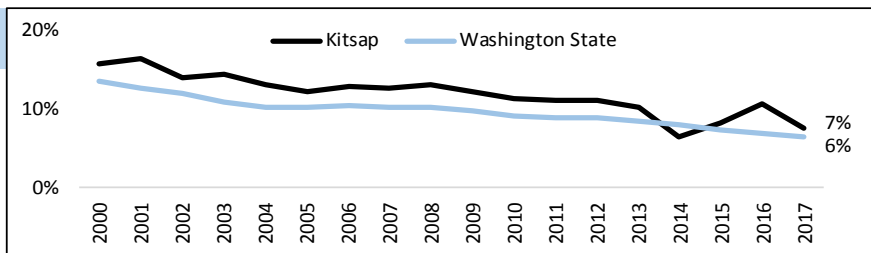


Sub-Groups: 2012-16

* sub-county area data include women who smoked in the 3 months prior to pregnancy.



Trend over Time:



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SUBSECTION E.2. BIRTHS

LIVE BIRTH RATE

Rate per 1,000

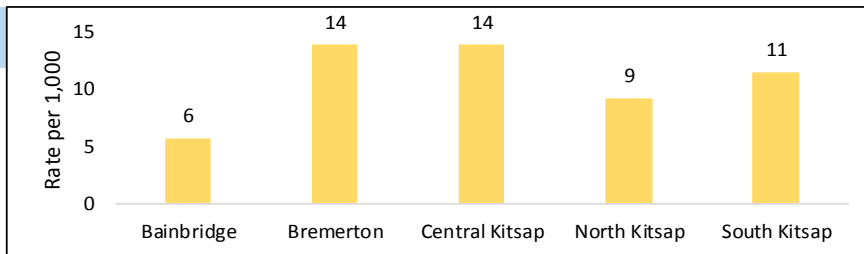
The number of live births per 1,000 total population.

Source: WA State Department of Health, Community Health Assessment Tool (CHAT)

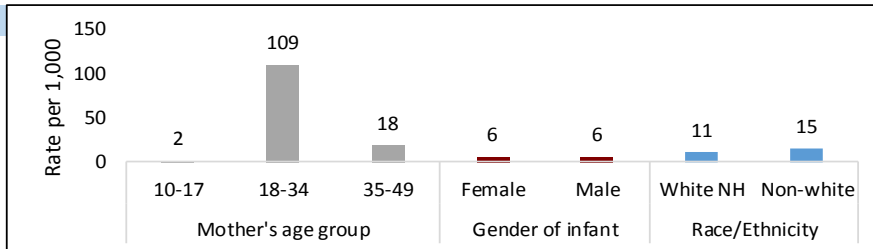
Summary: In 2018, the live birth rate was 11 per 1,000 residents in Kitsap County. The birth rate was about the same as the state and has been decreasing since 2000. Bremerton and Central Kitsap have higher birth rates than other sub-county geographies. The birth rate is highest among those age 18 to 34 and very low among those age 10 to 17. The birth rate for male infants is the same as for female infants. Those identifying as a race or ethnicity other than non-Hispanic White have a slightly higher birth rate than those identifying as non-Hispanic White.

Rate per 1,000	Early year 2000	2010	Recent year 2018	Statistical trend since 2000	
Kitsap County	13	12	11	Decreasing	Annual change: -0.7%
Washington State	14	13	12	Decreasing	Annual change: -0.6%
Statistical comparison: Kitsap vs. Washington:					
Estimated number of Kitsap County residents:					
			2,994		

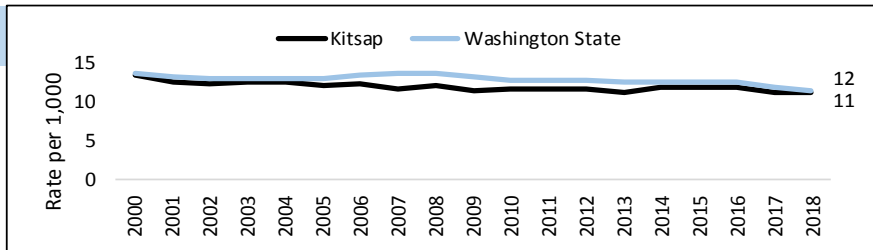
Sub-county geography: 2013-17



Sub-Groups: 2013-17



Trend over Time:



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SUBSECTION E.2. BIRTHS

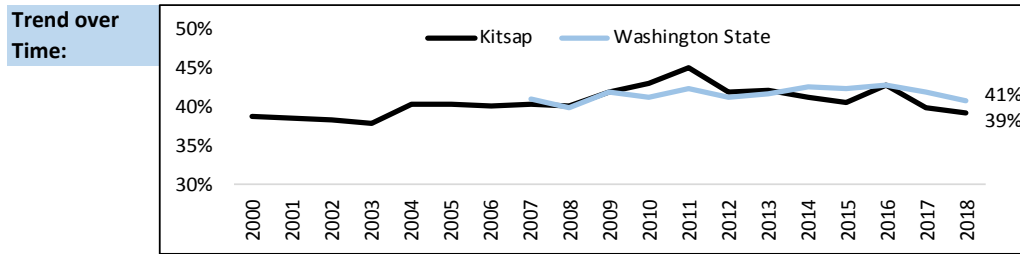
CIVILIAN MEDICAID-PAID BIRTHS Percentage

The percentage of civilian births where the delivery was paid for by Medicaid. Civilian births include all births where the mother and father were not in the military and the birth was not in a federal facility.

Source: WA State Department of Health, Center for Health Statistics, Vital Statistics Databases

Summary: Approximately 2 out of 5 Kitsap births were paid for by Medicaid in 2018. This percentage has been decreasing since 2010 and is about the same as the state. Roughly 863 births in 2018 were paid for by Medicaid.

Percentage	Early year 2000	2010	Recent year 2018	Statistical trend since 2010
Kitsap County	39%	43%	39%	Annual change: -1%
Washington State		41%	41%	n/a
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents:			863	



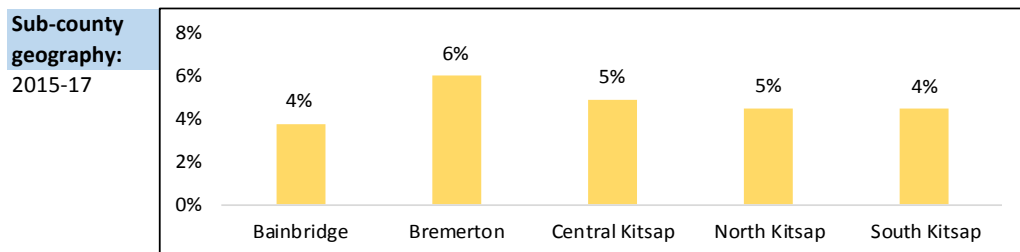
LOW BIRTH WEIGHT Percentage

The percentage of singleton live births with a low birth weight (less than 2500 grams or 5.5 pounds).

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: About 5% of singleton births in Kitsap County and Washington State were low birth weight in 2018. This percentage is unchanged since 2000 for Kitsap and worsening for Washington. Bremerton has a higher percentage (6%) than other areas of the county.

Percentage	Early year 2000	2010	Recent year 2018	Statistical trend since 2000
Kitsap County	4%	5%	5%	n/a
Washington State	4%	5%	5%	Annual change: 0.7%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents:			134	

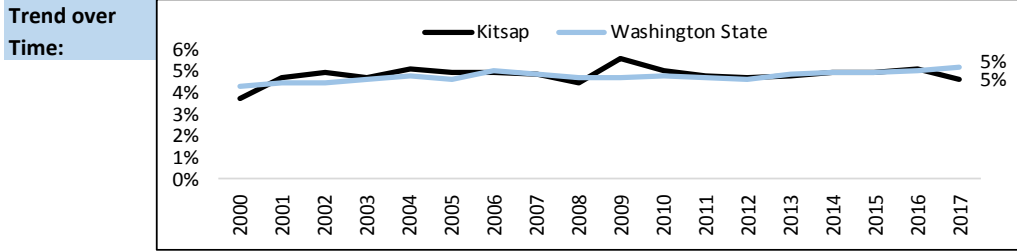


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SUBSECTION E.2. BIRTHS

Low birth weight continued:



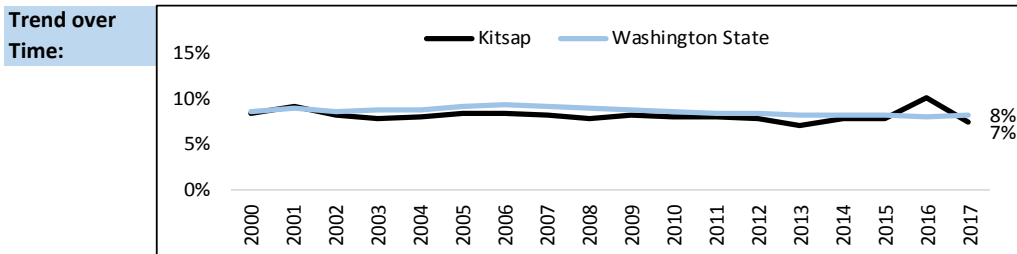
PREMATURE BIRTHS Percentage

The percentage of singleton live births that are premature (less than 37 weeks gestation).

Source: WA State, Community Health Assessment Tool (CHAT)

Summary: About 7% of Kitsap singleton births were premature in 2018, unchanged from 2000 and the same as the state.

Percentage	Early year 2000	2010	Recent year 2018	Statistical trend since 2000
Kitsap County	8%	8%	7%	n/a
Washington State	9%	9%	8%	Annual change: -0.6%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents: 212				



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SUBSECTION E.3. POSTPARTUM

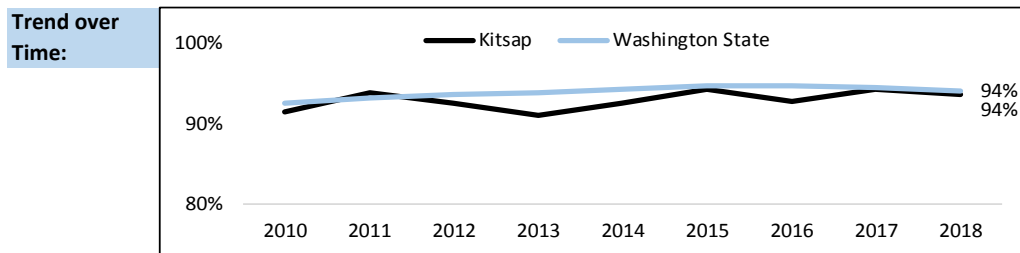
BREASTFEEDING AT BIRTH Percentage

The proportion of women breastfeeding their infants immediately after birth.

Source: WA State Department of Health, Center for Health Statistics, Vital Statistics Databases

Summary: About 94% of Kitsap mothers begin breastfeeding their babies in the hospital, a percentage that is unchanged over time and about the same as the state.

Percentage	Early year 2010	Recent year 2018	Statistical trend since 2004-06	
Kitsap County	91%	94%		n/a
Washington State	93%	94%		Annual change: 0.2%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap County residents:				
		2,761		



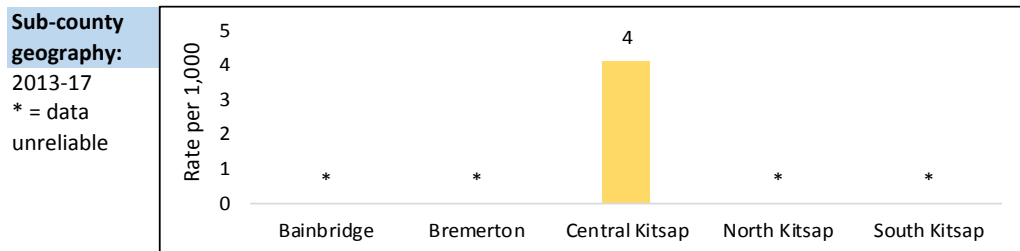
INFANT MORTALITY RATE PER 1,000

The total infant mortality rate includes all deaths during the first 365 days after birth per 1,000 live births.

Source: WA State Department of Health, Community Health Assessment Tool (CHAT)

Summary: From 2013 to 2017, 5 out of every 1,000 Kitsap live births died before their first birthday. This rate is unchanged since 1998-02 and the same as the state. The rate is higher for infants identifying as a race or ethnicity other than non-Hispanic White.

Rate per 1,000	Early years 1998-2002	Recent years 2013-17	Statistical trend since 1998-02	
Kitsap County	6	5		n/a
Washington State	5	4	Decreasing	Annual change: -1%
Statistical comparison: Kitsap vs. Washington:				
Estimated number of Kitsap residents each year:				
		14		



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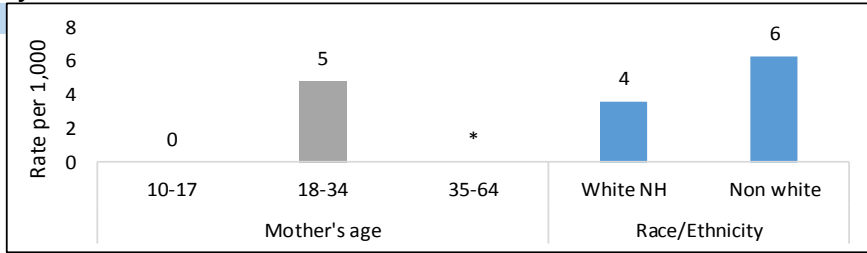
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SUBSECTION E.3. POSTPARTUM

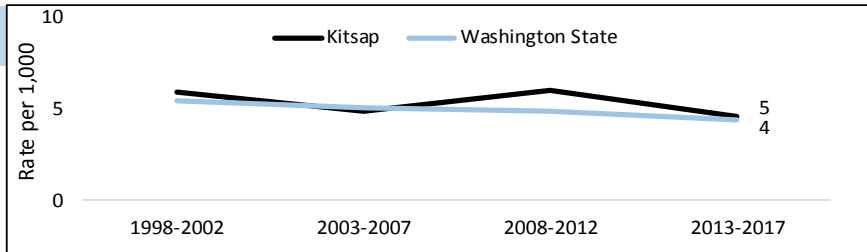
Infant mortality continued:

Sub-Groups:

2013-17
* = data
unreliable



Trend over Time:



PERCENT OF INFANTS BORN SERVED BY WIC

Percentage

The percentage of infants born who were served by the Supplemental Nutrition Program for Women, Infants and Children (WIC); eligibility is 185% of the federal poverty level.

Source: WA State Department of Health, WIC Annual Summary Data

Summary: In 2018, approximately 36% of infants born were served by WIC (1,078 Kitsap infants). This percentage is decreasing since 2012 and is lower than the state's percentage.

Percentage	Early year 2012	Recent year 2018	Statistical trend since 2012	
Kitsap County	46%	36%	Decreasing	Annual change: -4%
Washington State	49%	41%	Decreasing	Annual change: -3%
Statistical comparison: Kitsap vs. Washington:		Lower		
Estimated number of Kitsap infants:		1,078		

Trend over Time:

