

Fetal Death Ratio for Washington Births by Year of Birth

A fetal death is often referred to as a stillbirth, or an infant born without signs of life.

Fetal deaths are required to be reported at 20 or more weeks gestational age. Rates are deaths per 1,000 births in the cohort.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	RR
(N) Births	86,864	88,880	90,334	89,292	86,588	87,118	87,543	86,305	87,686	88,065	89,547	86,483	85,019	
Statewide Total Deaths	490	493	542	493	499	585	498	495	530	493	494	507	485	
Statewide Total Rate	5.6	5.5	6.0	5.5	5.8	6.7	5.7	5.7	6.0	5.6	5.5	5.9	5.7	
Maternal Characteristics														
Non-Medicaid	6.3	5.8	6.0	6.5	5.3	6.6	5.5	5.5	5.7	5.1	5.1	5.7	5.5	1.0
Medicaid	4.9	5.3	6.0	4.4	6.2	6.8	5.8	6.0	6.4	6.1	6.0	6.0	5.9	1.0
Regular Medicaid/TANF	5.0	5.5	5.4	4.7	6.9	6.1	6.9	5.5	5.7	5.4	5.1	6.0	6.3	1.0
S Women	4.8	4.8	6.2	4.2	5.8	6.9	5.2	6.0	6.1	6.2	6.4	5.9	5.5	1.0
Race/Ethnicity														
White	4.8	4.5	5.0	4.9	5.4	6.0	5.3	5.6	5.3	5.3	5.0	5.4	5.1	1.0
Hispanic	5.2	4.7	5.9	5.2	5.6	5.3	5.3	5.1	6.2	4.8	4.7	5.6	5.1	1.0
African American	9.2	11.0	10.2	9.8	10.7	10.7	9.4	9.3	8.4	9.7	7.6	7.4	7.5	1.8
Native American	8.4	**	7.5	10.1	7.9	9.9	**	9.9	12.2	**	**	**	**	**
Asian	3.6	3.6	6.3	5.8	4.0	7.7	4.4	4.0	4.7	3.8	5.4	5.0	4.7	0.9
Pacific Islander	**	12.3	**	**	**	11.9	**	**	**	12.4	10.8	9.9	10.0	**
Other	**	**	**	**	**	**	**	34.6	**	**	**	**	**	**
More than 1 race	5.2	**	4.4	5.0	4.9	7.1	5.3	5.1	5.1	4.9	5.3	11.1	11.4	1.2
Unknown	114.4	175.4	132.8	79.6	73.3	84.3	69.3	**	83.7	37.0	43.4	**	**	**
Age														
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	6.7	6.5	6.6	5.6	5.0	7.9	6.4	7.6	7.9	7.1	7.0	6.5	6.0	1.3
20 to 24 years	4.9	4.6	5.9	4.9	5.3	6.9	5.1	4.9	6.4	6.2	5.0	5.7	5.4	1.1
25 to 29 years	4.8	4.5	4.7	5.3	4.9	5.5	5.1	4.8	5.4	5.2	5.5	5.3	4.8	1.0
30 to 34 years	5.2	5.2	5.5	4.1	5.5	5.6	5.2	5.6	5.2	4.4	5.0	5.3	5.5	1.0
35 to 39 years	7.1	6.3	7.1	7.7	6.6	7.7	6.4	6.9	5.8	6.3	6.0	6.6	6.1	1.3
40 to 44 years	9.5	7.2	9.3	10.9	13.1	10.3	12.1	9.1	12.8	8.9	7.2	8.2	11.0	2.0
Smoking														
Unknown	43.4	27.6	49.0	13.8	**	38.7	20.3	**	44.5	44.4	43.8	40.3	49.9	6.9
Yes	6.7	5.5	3.8	4.9	7.5	7.3	8.4	7.0	6.3	7.7	9.3	7.0	7.3	1.3
No	4.3	5.0	5.8	5.5	5.5	6.5	5.3	5.6	5.7	5.1	4.8	4.7	4.8	1.0
Child's Birthweight														
Very low (227 to 1499 g)	218.7	207.4	227.6	225.0	216.3	238.2	205.6	223.6	228.5	191.5	215.1	195.7	202.9	230.9
Medium low (1500 to 2499 g)	11.5	12.9	15.9	14.6	13.7	18.9	12.7	11.9	10.9	15.0	12.3	13.2	11.8	14.4
Normal (2500+ g)	0.9	0.9	0.8	1.1	1.2	1.3	1.0	0.7	0.9	0.8	0.9	0.9	0.8	1.0
Other High Risk Groups														
Maternal SUD*	6.9	6.6	6.4	7.5	8.2	5.7	9.5	8.0	8.8	9.0	6.9	9.8	8.8	NA
Maternal Mental Health Dx*	8.7	7.7	8.4	8.0	11.7	9.8	9.3	7.6	10.5	9.5	8.0	9.0	8.8	NA
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**	NA

Relative risk (RR), the risk of an event occurring given one condition versus the risk of the event occurring given a different condition, was calculated using fetal death rates for all years of birth (2006 to 2018). A relative risk of 1.0 was assigned to each comparison group. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An asterisk (*) indicates rate only for children born to women with Medicaid-paid maternity care; claims data may be limited for Medicaid managed care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Infant Mortality Rates for Washington Births by Year of Birth

An infant death is a death of a child under one year of age.

Rates are deaths per 1,000 live births in the cohort.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	410	432	496	411	390	391	437	376	387	421	385	319	NA
Statewide Total Rate	4.7	4.9	5.5	4.6	4.5	4.5	5.0	4.4	4.4	4.8	4.3	3.7	(16.5)
Maternal Characteristics													
Non-Medicaid	3.7	3.5	4.2	3.6	4.3	3.4	4.2	3.3	3.3	3.5	3.4	2.5	(18.8)
Medicaid	5.9	6.4	7.0	5.7	4.8	5.6	5.9	5.5	5.6	6.1	5.3	5.0	(16.4)
Regular Medicaid/TANF	5.8	7.8	8.2	6.6	6.3	7.9	8.1	6.3	6.7	6.5	5.8	5.9	(13.0)
S Women	5.5	5.8	6.0	5.0	4.1	4.7	5.1	4.7	4.8	5.5	4.2	4.1	(26.8)
Race/Ethnicity													
White	3.9	4.2	5.2	4.2	4.2	4.1	4.8	3.7	4.0	4.5	3.9	3.2	(12.1)
Hispanic	5.1	4.3	6.2	5.2	4.6	4.0	4.1	4.2	5.1	4.5	4.0	3.6	(18.1)
African American	7.1	9.6	7.3	4.5	7.1	9.3	9.2	9.9	7.1	7.9	9.4	7.2	(1.0)
Native American	10.5	15.5	8.2	10.9	10.1	10.7	**	10.0	**	12.3	8.2	**	**
Asian	3.0	4.2	3.4	3.6	2.5	2.8	3.5	3.9	3.6	3.6	3.9	2.6	(10.1)
Pacific Islander	**	**	**	**	**	**	13.6	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	7.9	8.4	6.5	6.4	6.9	5.8	4.7	6.7	5.7	5.5	**	8.3	**
Unknown	73.0	**	**	**	**	44.7	39.9	**	**	**	14.2	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	7.5	8.8	8.1	9.2	5.9	8.1	6.0	7.2	4.9	8.6	7.0	6.5	(16.7)
20 to 24 years	5.1	5.5	6.3	5.4	4.8	6.5	5.5	4.4	4.6	5.8	5.0	5.0	(6.1)
25 to 29 years	4.1	3.8	5.0	4.3	4.0	3.4	4.5	4.6	4.6	4.6	4.0	3.6	(4.3)
30 to 34 years	3.8	3.7	4.3	3.4	4.2	3.5	4.5	3.5	4.1	3.8	4.1	2.8	(6.5)
35 to 39 years	3.4	4.9	6.1	3.5	4.5	4.0	5.1	3.6	4.6	4.6	3.7	3.6	(12.1)
40 to 44 years	5.4	6.8	**	4.3	6.8	4.6	7.1	7.6	**	4.5	4.7	4.3	(25.9)
Smoking													
Unknown	19.7	19.8	27.6	14.0	**	**	**	**	**	**	20.1	11.3	(30.5)
Yes	7.3	8.3	9.4	9.0	6.3	8.4	9.4	7.6	8.0	9.3	8.1	9.4	11.7
No	4.0	4.1	4.9	4.1	4.3	4.1	4.6	4.1	4.1	4.4	3.9	3.1	(14.5)
Child's Birthweight													
Very low (227 to 1499 g)	201.7	197.8	216.5	203.3	183.6	173.3	215.9	174.6	192.7	188.9	172.0	168.7	(14.7)
Medium low (1500 to 2499 g)	9.7	12.4	15.7	10.5	15.2	12.1	16.0	10.3	12.3	15.1	15.0	12.9	26.8
Normal (2500+ g)	2.0	2.1	2.2	2.0	1.8	2.1	1.7	1.8	1.8	1.8	1.8	1.3	(23.5)
Other High Risk Groups													
Maternal SUD*	6.1	12.4	13.7	12.9	11.1	11.5	12.5	12.2	11.1	10.6	8.7	10.3	2.0
Maternal Mental Health Dx*	9.0	11.6	15.6	11.9	9.7	10.2	9.2	9.5	9.0	11.2	9.0	8.5	(14.7)
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. "NA" indicates data not available. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care claims data may be limited for Medicaid managed care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Neonatal Mortality Rates for Washington Births by Year of Birth

*A neonatal death is a death to an infant within the first 27 days of life.
Neonatal death rates are deaths per 1,000 live births in the cohort.*

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	259	256	305	260	261	242	307	251	254	282	241	197	NA
Statewide Total Rate	3.0	2.9	3.4	2.9	3.0	2.8	3.5	2.9	2.9	3.2	2.7	2.3	(15.1)
Maternal Characteristics													
Non-Medicaid	2.7	2.3	3.0	2.6	3.2	2.4	3.2	2.4	2.6	2.5	2.2	1.9	(18.3)
Medicaid	3.3	3.6	3.8	3.3	2.8	3.2	3.9	3.5	3.3	4.0	3.2	2.7	(13.5)
Regular Medicaid/TANF	2.8	4.0	2.7	3.5	2.7	3.7	4.9	4.0	3.5	3.9	3.5	2.8	(7.5)
S Women	3.3	3.4	3.8	3.0	2.8	3.0	3.6	3.1	3.1	4.0	2.7	2.6	(16.9)
Race/Ethnicity													
White	2.3	2.5	3.0	2.7	2.8	2.4	3.3	2.6	2.5	2.9	2.4	2.0	(8.4)
Hispanic	3.0	2.9	4.4	3.4	3.1	2.4	3.0	2.7	3.6	3.2	3.0	2.5	(6.1)
African American	4.3	5.4	4.2	**	4.6	6.1	6.8	5.9	4.5	6.1	4.6	3.8	(13.6)
Native American	**	7.1	**	**	**	**	**	**	**	**	**	**	**
Asian	2.2	2.6	2.5	2.6	2.0	2.0	3.0	3.1	3.0	2.5	2.6	1.6	(15.6)
Pacific Islander	**	**	**	**	**	**	**	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	4.1	**	3.7	**	5.3	**	**	**	3.7	3.2	**	4.4	**
Unknown	73.0	**	**	**	**	42.1	29.3	**	**	**	**	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	4.1	5.1	4.7	6.1	3.3	4.2	3.8	4.1	2.8	5.3	3.8	4.9	(6.5)
20 to 24 years	2.7	2.5	3.1	3.2	2.6	3.5	3.3	2.4	2.2	3.8	2.4	2.3	(9.1)
25 to 29 years	2.4	2.1	3.4	2.6	2.5	2.1	3.3	3.1	3.0	3.0	2.8	2.2	11.4
30 to 34 years	2.8	2.4	2.7	2.3	3.2	2.5	3.3	2.8	2.9	2.6	2.7	1.7	(14.4)
35 to 39 years	2.6	3.6	4.4	2.1	3.8	2.9	3.8	2.4	3.9	3.4	2.2	2.8	(19.0)
40 to 44 years	**	5.5	**	**	5.6	**	5.9	6.1	**	**	**	**	**
Smoking													
Unknown	16.3	12.3	26.4	**	**	**	**	**	**	**	16.8	9.7	(20.1)
Yes	3.0	2.9	3.4	4.8	3.2	4.3	5.6	3.6	4.7	6.0	4.1	4.2	42.0
No	2.6	2.7	3.2	2.7	3.0	2.6	3.3	2.9	2.8	3.0	2.4	1.9	(16.6)
Child's Birthweight													
Very low (227 to 1499 g)	176.7	170.8	190.1	172.7	166.1	152.7	198.7	158.7	172.7	163.3	156.6	151.8	(11.2)
Medium low (1500 to 2499 g)	5.3	6.5	7.8	7.3	8.8	8.0	9.6	6.1	6.6	10.5	9.2	6.7	34.7
Normal (2500+ g)	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.3	(28.5)
Other High Risk Groups													
Maternal SUD*	**	5.4	5.6	6.3	6.4	5.7	7.7	7.6	5.4	6.6	4.9	4.2	**
Maternal Mental Health Dx*	5.9	5.9	7.0	6.6	5.7	5.6	5.9	5.3	4.6	7.2	5.5	4.1	(17.7)
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data may be limited for Medicaid managed care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Postneonatal Mortality Rates for Washington Births by Year of Birth

A postneonatal death is a death that occurs to an infant of age 28 to 364 days.

Rates are deaths per 1,000 live births in the cohort.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	151	176	191	151	129	149	130	125	133	139	144	122	NA
Statewide Total Rate	1.7	2.0	2.1	1.7	1.5	1.7	1.5	1.5	1.5	1.6	1.6	1.4	(18.8)
Maternal Characteristics													
Non-Medicaid	1.0	1.2	1.2	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.2	0.6	(19.8)
Medicaid	2.6	2.8	3.2	2.4	2.0	2.4	2.0	2.1	2.3	2.2	2.1	2.3	(20.0)
Regular Medicaid/TANF	3.0	3.7	5.5	3.1	3.6	4.2	3.1	2.3	3.2	2.6	2.4	3.1	(18.6)
S Women	2.2	2.4	2.2	2.0	1.3	1.7	1.5	1.6	1.7	1.6	1.5	1.5	(42.2)
Race/Ethnicity													
White	1.6	1.7	2.2	1.5	1.4	1.6	1.5	1.1	1.5	1.6	1.5	1.2	(17.5)
Hispanic	2.0	1.4	1.9	1.8	1.5	1.6	1.1	1.5	1.4	1.3	1.0	1.1	(38.5)
African American	**	4.2	**	**	**	3.2	**	4.0	**	**	4.8	3.3	**
Native American	**	8.4	**	**	**	**	**	**	**	9.0	**	**	**
Asian	**	1.5	**	**	**	**	**	**	**	**	1.3	**	**
Pacific Islander	**	**	**	**	**	**	**	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	**	4.9	**	**	**	**	**	3.6	**	**	**	3.8	**
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	3.4	3.7	3.4	3.1	2.6	4.0	2.3	3.1	**	3.3	3.2	**	**
20 to 24 years	2.4	3.0	3.2	2.2	2.2	3.0	2.2	2.0	2.4	2.1	2.5	2.7	(3.2)
25 to 29 years	1.7	1.7	1.6	1.7	1.5	1.3	1.2	1.5	1.6	1.6	1.2	1.3	(25.6)
30 to 34 years	1.0	1.2	1.6	1.1	1.0	1.0	1.2	0.8	1.2	1.2	1.4	1.1	11.9
35 to 39 years	**	1.2	1.7	1.4	**	1.1	1.3	1.2	**	1.2	1.5	0.8	**
40 to 44 years	**	**	**	**	**	**	**	**	**	**	**	**	**
Smoking													
Unknown	**	7.5	**	**	**	**	**	**	**	**	**	**	**
Yes	4.3	5.4	6.0	4.2	3.1	4.1	3.8	4.0	3.4	3.4	4.0	5.1	(6.7)
No	1.4	1.5	1.7	1.4	1.3	1.5	1.3	1.2	1.3	1.5	1.4	1.1	(10.7)
Child's Birthweight													
Very low (227 to 1499 g)	24.9	27.0	26.4	30.6	17.5	20.6	17.2	15.9	20.0	25.6	15.4	16.9	(38.0)
Medium low (1500 to 2499 g)	4.4	5.9	7.8	3.2	6.4	4.0	6.4	4.1	5.7	4.5	5.8	6.3	17.8
Normal (2500+ g)	1.3	1.5	1.5	1.3	1.0	1.4	1.0	1.1	1.1	1.1	1.2	1.0	(21.1)
Other High Risk Groups													
Maternal SUD*	**	7.0	8.1	6.6	4.7	5.7	4.8	4.6	5.6	4.0	3.8	6.1	**
Maternal Mental Health Dx*	3.1	5.7	8.6	5.2	4.0	4.7	3.3	4.2	4.4	4.0	3.5	4.4	(10.6)
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data may be limited for Medicaid managed care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

SIDS Postneonatal Mortality Rates for Washington Births by Year of Birth

A SIDS (Sudden Infant Death Syndrome) death is the sudden death of an infant under one year of age which remains unexplained after the performance of a complete postmortem investigation, including autopsy, examination of the scene of death and review of case history.

Many examiners exclude unexplained deaths during the first month of life.

Rates are deaths per 1,000 live births in the cohort.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	47	56	65	48	50	56	39	43	43	43	52	36	NA
Statewide Total Rate	0.5	0.6	0.7	0.5	0.6	0.6	0.4	0.5	0.5	0.5	0.6	0.4	(14.7)
Maternal Characteristics													
Non-Medicaid	0.3	0.3	0.4	0.4	0.4	0.3	0.2	**	**	**	0.4	**	**
Medicaid	0.9	1.0	1.1	0.7	0.8	1.0	0.7	0.9	0.8	0.8	0.8	0.7	(14.0)
Regular Medicaid/TANF	1.3	1.3	1.9	1.4	1.4	1.7	1.1	1.1	1.2	1.1	1.3	0.9	(15.3)
S Women	0.6	0.8	0.7	**	0.5	0.7	0.5	0.6	0.5	0.5	**	0.7	**
Race/Ethnicity													
White	0.6	0.6	0.8	0.6	0.5	0.7	0.5	0.4	0.5	0.4	0.7	0.5	(0.8)
Hispanic	**	**	**	**	**	**	**	**	**	**	**	**	**
African American	**	**	**	**	**	**	**	**	**	**	**	**	**
Native American	**	**	**	**	**	**	**	**	**	**	**	**	**
Asian	**	**	**	**	**	**	**	**	**	**	**	**	**
Pacific Islander	**	**	**	**	**	**	**	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	**	**	**	**	**	**	**	**	**	**	**	**	**
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	**	1.6	1.7	**	**	**	**	**	**	**	**	**	**
20 to 24 years	0.9	1.1	0.9	0.9	0.9	1.1	0.6	0.9	**	0.8	1.3	0.8	8.4
25 to 29 years	0.5	0.5	0.5	0.4	0.7	0.5	0.4	0.4	0.6	0.5	**	**	**
30 to 34 years	**	**	0.5	**	**	**	**	**	0.5	0.4	0.5	**	**
35 to 39 years	**	**	**	**	**	**	**	**	**	**	**	**	**
40 to 44 years	**	**	**	**	**	**	**	**	**	**	**	**	**
Smoking													
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Yes	2.1	2.5	2.2	1.8	**	1.6	1.9	1.7	2.2	**	2.2	2.1	(74.4)
No	0.4	0.4	0.6	0.4	0.5	0.6	0.3	0.4	0.3	0.4	0.5	0.3	2.4
Child's Birthweight													
Very low (227 to 1499 g)	**	**	**	**	**	**	**	**	**	**	**	**	**
Medium low (1500 to 2499 g)	**	**	2.8	**	**	**	**	**	2.3	**	**	**	**
Normal (2500+ g)	0.5	0.6	0.6	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.5	0.3	(47.2)
Other High Risk Groups													
Maternal SUD*	**	**	**	**	**	3.2	**	**	2.9	**	1.7	2.1	**
Maternal Mental Health Dx*	**	2.2	2.6	**	1.5	1.8	**	1.8	1.8	1.6	1.9	1.6	**
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data not may be limited for Medicaid managed care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Postneonatal Mortality excluding SIDS Rates for Washington Births by Year of Birth

A postneonatal death is a death that occurs to an infant of age 28 to 364 days.

Rates are deaths per 1,000 liveborn infants in the cohort, excluding deaths from Sudden Infant Death Syndrome (SIDS).

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	104	120	126	103	79	93	91	82	90	96	92	86	NA
Statewide Total Rate	1.2	1.4	1.4	1.2	0.9	1.1	1.0	1.0	1.0	1.1	1.0	1.0	(20.7)
Maternal Characteristics													
Non-Medicaid	0.7	0.9	0.8	0.7	0.6	0.7	0.8	0.7	0.6	0.9	0.8	0.5	(18.8)
Medicaid	1.7	1.9	2.1	1.7	1.2	1.4	1.3	1.2	1.5	1.3	1.3	1.5	(23.1)
Regular Medicaid/TANF	1.7	2.4	3.5	1.7	2.2	2.5	2.1	1.2	2.0	1.5	1.1	2.2	(20.6)
S Women	1.6	1.6	1.5	1.6	0.8	1.0	1.0	1.0	1.2	1.0	1.1	0.8	(44.4)
Race/Ethnicity													
White	1.0	1.1	1.4	1.0	0.9	0.9	1.0	0.7	0.9	1.1	0.8	0.7	(26.6)
Hispanic	1.7	1.3	1.4	1.5	1.0	1.3	0.9	1.0	1.0	0.8	0.8	0.8	(46.1)
African American	**	**	**	**	**	**	**	3.2	**	**	3.3	3.1	**
Native American	**	**	**	**	**	**	**	**	**	**	**	**	**
Asian	**	**	**	**	**	**	**	**	**	**	**	**	**
Pacific Islander	**	**	**	**	**	**	**	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	**	**	**	**	**	**	**	**	**	**	**	3.0	**
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	2.2	2.1	1.7	2.0	**	2.1	**	**	**	**	**	**	**
20 to 24 years	1.6	1.9	2.3	1.3	1.2	1.9	1.6	1.2	1.8	1.3	1.2	1.9	(10.0)
25 to 29 years	1.2	1.2	1.1	1.3	0.8	0.8	0.8	1.1	1.0	1.1	0.8	1.0	(22.7)
30 to 34 years	0.7	1.0	1.1	0.7	0.7	0.7	0.9	0.5	0.7	0.8	0.9	0.7	(7.5)
35 to 39 years	**	1.0	1.0	1.1	**	**	1.0	**	**	0.9	1.3	**	**
40 to 44 years	**	**	**	**	**	**	**	**	**	**	**	**	**
Smoking													
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Yes	2.2	2.9	3.8	2.5	1.9	2.5	2.0	2.4	**	1.8	1.8	3.0	(5.9)
No	1.0	1.1	1.1	1.0	0.8	0.9	1.0	0.8	1.0	1.0	0.9	0.8	(15.4)
Child's Birthweight													
Very low (227 to 1499 g)	22.5	22.7	24.3	29.4	16.4	17.0	16.1	14.7	18.8	24.5	14.2	14.5	(36.6)
Medium low (1500 to 2499 g)	3.6	5.0	5.1	2.6	4.4	**	5.7	3.3	3.4	3.7	4.6	5.0	12.1
Normal (2500+ g)	0.8	0.9	0.9	0.8	0.5	0.9	0.6	0.7	0.7	0.7	0.7	0.6	(23.0)
Other High Risk Groups													
Maternal SUD*	**	**	4.7	4.8	3.6	2.5	3.1	3.0	2.7	2.4	2.0	4.0	**
Maternal Mental Health Dx*	**	3.5	6.1	3.2	2.5	2.8	2.3	2.4	2.5	2.4	1.6	2.8	**
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data may be limited for Medicaid pregnancy care. **Maternal Substance Use Disorder** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment. **Race/ethnicity** groups are mutually exclusive; women of any race may be of Hispanic ethnicity.

Sudden Unexpected Infant Death (SUID) Mortality Rates for Washington Births by Year of Birth

Sudden Infant Death Syndrome, Death from Unknown Cause, or Accidental Suffocation and Strangulation in Bed for an infant under one year of age.

Rates are deaths per 1,000 live births in the cohort.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Pct. Change (%)
(N) Live Births	86,374	88,387	89,792	88,799	86,089	86,533	87,045	85,810	87,156	87,572	89,053	85,976	NA
Statewide Total Deaths	71	81	96	72	73	79	58	65	60	63	70	57	NA
Statewide Total Rate	0.8	0.9	1.1	0.8	0.8	0.9	0.7	0.8	0.7	0.7	0.8	0.7	(16.6)
Maternal Characteristics													
Non-Medicaid	0.4	0.4	0.6	0.5	0.5	0.5	0.4	0.3	0.2	0.3	0.5	**	**
Medicaid	1.3	1.5	1.6	1.1	1.2	1.3	1.0	1.3	1.2	1.2	1.1	1.2	(16.4)
Regular Medicaid/TANF	1.8	2.1	3.0	1.9	2.3	2.5	1.9	2.2	1.7	1.5	1.6	1.7	(16.8)
S Women-no undoc	1.2	1.6	1.1	1.0	0.8	1.1	0.7	0.8	0.9	0.9	**	1.1	**
Undocumented	**	**	**	**	**	**	**	**	**	**	**	**	**
S Women													
Race/Ethnicity													
White	0.9	0.8	1.1	0.8	0.8	1.0	0.7	0.7	0.7	0.6	0.9	0.7	(8.6)
Hispanic	**	**	**	**	0.7	**	**	0.7	**	**	**	**	**
African American	**	**	**	**	**	**	**	**	**	**	**	**	**
Native American	**	**	**	**	**	**	**	**	**	**	**	**	**
Asian	**	**	**	**	**	**	**	**	**	**	**	**	**
Pacific Islander	**	**	**	**	**	**	**	**	**	**	**	**	**
Other	**	**	**	**	**	**	**	**	**	**	**	**	**
More than 1 race	**	**	**	**	**	**	**	**	**	**	**	2.3	**
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Age													
Less than 15 years	**	**	**	**	**	**	**	**	**	**	**	**	**
15 to 19 years	2.2	2.1	2.1	2.1	1.9	3.2	**	**	**	**	**	**	**
20 to 24 years	1.4	1.6	1.5	1.1	1.3	1.7	1.1	1.2	1.1	1.1	1.4	1.7	4.8
25 to 29 years	0.6	0.7	0.8	0.8	0.8	0.6	0.6	0.8	0.7	0.9	0.5	0.5	4.8
30 to 34 years	**	**	0.8	0.5	0.6	**	0.5	**	0.7	0.5	0.7	0.5	**
35 to 39 years	**	**	**	**	**	**	**	**	**	**	**	**	**
40 to 44 years	**	**	**	**	**	**	**	**	**	**	**	**	**
Smoking													
Unknown	**	**	**	**	**	**	**	**	**	**	**	**	**
Yes	3.4	3.3	3.5	2.8	1.8	2.2	3.0	2.9	2.8	2.6	3.0	3.7	(88.3)
No	0.5	0.6	0.8	0.6	0.7	0.8	0.4	0.6	0.5	0.6	0.6	0.4	0.4
Child's Birthweight													
Very low (227 to 1499 g)	**	**	**	**	**	**	**	**	**	**	**	**	**
Medium low (1500 to 2499 g)	**	**	4.0	**	3.5	**	**	**	2.8	**	**	2.3	**
Normal (2500+ g)	0.8	0.8	0.9	0.8	0.7	0.8	0.6	0.7	0.6	0.6	0.7	0.5	(54.7)
Other High Risk Groups													
Maternal Substance Abuse*	**	**	4.7	4.0	2.6	4.1	3.3	3.2	4.2	2.5	2.8	3.7	**
Maternal Mental Health Dx*	2.0	3.1	4.4	3.8	2.7	2.7	2.1	2.8	2.8	2.5	2.5	2.6	(0.8)
Maternal Epilepsy*	**	**	**	**	**	**	**	**	**	**	**	**	**

Percent Change (%) is the difference between the mortality rates for children born in 2016-2017 and children born in 2006-2007 as a proportion of the mortality rate for children born in 2006-2007. ** = suppressed due to small numbers. Rates for small numbers of events are subject to variability and should be interpreted with caution. "NA" indicates data not available. An **asterisk (*)** indicates rate only for children born to women with Medicaid-paid maternity care; claims data may be limited for Medicaid managed care. **Maternal Substance Abuse** is limited to prenatal or up to one year postpartum Medicaid diagnosis or treatment.

Race/ethnicity groups are mutually exclusive; women of any race may be of Hispanic ethnicity. SUID indication is based on ICD-10 codes W75, R95 or R99 for underlying cause of death.