

(A Technical Summary of Selected Public Health Indicators)

Mortality |

2009 Update

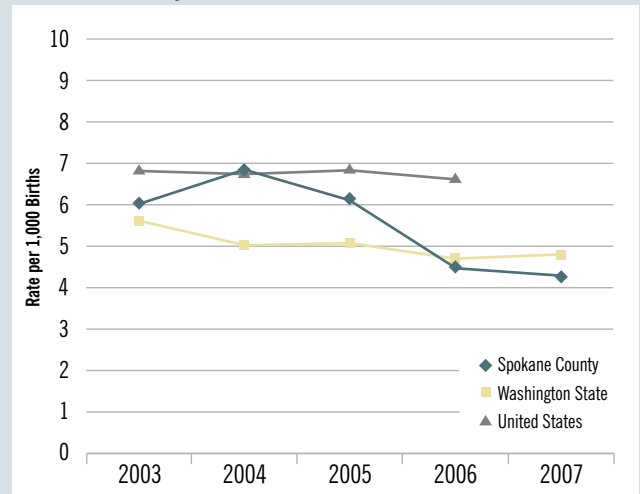
This indicator is 1 of 44 Spokane Counts indicators found at www.srhd.org/SpokaneCounts

Infant Mortality

Infant mortality is measured by the number of infants that die before their first birthday per 1,000 births. Infant mortality is a widely used measure which is an indication of a basic level of community health. It is affected by environmental and socioeconomic factors and is impacted by the availability of quality health care, maternal factors, and birth outcomes.¹

In Spokane County, approximately 30 infants die each year before their first birthday. There was a significant decrease in the infant mortality rate from 2003 to 2007. Spokane County had an infant mortality rate similar to that of Washington State in 2007, but lower than that of the U.S. in 2006.

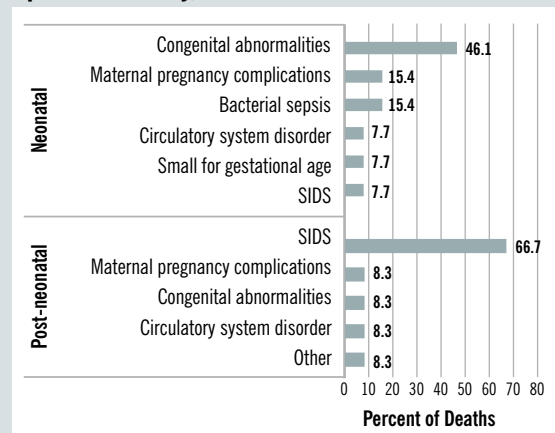
Infant Mortality



Source: Washington State Department of Health; Centers for Disease Control and Prevention

There was no difference in infant mortality by maternal age, sex, income level, maternal education level, or race.

Leading Causes of Infant Mortality Spokane County, 2007



Source: Washington State Department of Health

In 2007, half (52%) of Spokane County infant deaths occurred in the neonatal period (<28 days of age). Most of those deaths were due to health conditions that made it difficult for the infant to survive. Two in three infant deaths after 28 days were due to Sudden Infant Death Syndrome (SIDS).

Indicator: Infant Mortality

Rate per 1,000 births
(95% Confidence Interval)

	2003	2004	2005	2006	2007	
Total	Spokane County	6.0 (4.3, 8.5)	6.8 (4.9, 9.3)	6.1 (4.4, 8.5)	4.5 (3.0, 5.6)	4.2 (2.7, 6.2)
	Washington State	5.6 (5.1, 6.1)	5.5 (5, 6.1)	5.1 (4.6, 5.6)	4.7 (4.2, 5.2)	4.8 (4.4, 5.3)
	National	6.9	6.8	6.9	6.7	
Age Group (years)	<20	15.0 (7.6, 29.3)	18.4 (9.7, 34.7)	10.4 (4.4, 24.0)	5.6 (1.2, 16.5)	9.7 (3.2, 22.6)
	20-24	4.5 (2.2, 9.3)	5.8 (3.0, 10.9)	5.1 (2.6, 9.9)	4.2 (1.7, 8.7)	3.5 (1.3, 7.6)
	25-29	5.7 (3.0, 10.8)	4.4 (2.1, 9.0)	5.8 (3.1, 10.6)	3.2 (1.2, 6.9)	3.8 (1.5, 7.8)
	30-34	5.0 (2.3, 10.9)	4.2 (1.8, 9.8)	7.1 (3.6, 14.0)	5.0 (1.8, 10.8)	0.9 (0.0, 4.7)
	35+	5.0 (1.7, 14.5)	11.0 (5.3, 22.4)	4.4 (1.5, 13.0)	7.3 (2.4, 16.9)	7.1 (2.3, 16.7)
Sex	Male	6.4 (4.1, 10.2)	6.5 (4.1, 10.3)	5.2 (3.2, 8.6)	5.1 (3.1, 8.3)	4.8 (2.9, 7.9)
	Female	5.6 (3.4, 9.3)	7.0 (4.5, 10.9)	7.0 (4.5, 10.9)	3.9 (2.2, 6.9)	3.5 (1.9, 6.4)
Income	Medicaid	4.5 (2.3, 8.8)	8.1 (5.1, 12.8)	5.9 (3.6, 9.6)	5.1 (3.1, 8.6)	4.8 (2.7, 8.3)
	Non-Medicaid	4.4 (2.7, 7.2)	5.2 (3.3, 8.4)	5.7 (3.5, 9.1)	3.2 (1.7, 5.8)	3.3 (1.9, 5.9)
Education	Less than high school	1.5 (0.3, 8.4)	13.2 (6.9, 24.8)	9.9 (4.5, 21.4)	4.3 (1.5, 12.5)	7.4 (3.1, 17.1)
	High school graduate	8.3 (4.8, 14.5)	6.5 (3.4, 12.2)	4.6 (2.2, 9.5)	6.2 (3.4, 11.4)	4.6 (2.2, 9.4)
	Some college	4.0 (2.0, 7.9)	4.0 (2.0, 7.8)	5.2 (2.9, 9.3)	3.2 (1.5, 6.6)	4.0 (2.1, 7.6)
	4+ yrs college	4.6 (2.1, 9.9)	6.6 (3.5, 12.5)	6.7 (3.5, 12.7)	4.8 (2.3, 9.9)	2.0 (0.7, 5.8)
Race	White	6.2 (4.4, 8.9)	6.3 (4.4, 8.9)	5.4 (3.7, 7.8)	4.7 (3.2, 6.9)	4.1 (2.7, 6.1)
	Black	0.0 (0.0, 32.1)	8.8 (1.6, 48.4)	24.2 (8.3, 68.7)	7.9 (1.4, 43.3)	0.0 (0.0, 29.6)
	Native American/Alaska Native	14.4 (4.0, 50.9)	0.0 (0.0, 25.6)	18.3 (6.2, 52.4)	0.0 (0.0, 20.9)	11.2 (3.1, 39.8)
	Asian/Pacific Islander	0.0 (0.0, 23.7)	6.6 (1.2, 36.3)	0.0 (0.0, 21.4)	4.8 (0.8, 26.6)	5.4 (0.9, 29.8)

Source: Washington State Department of Health, Center for Health Statistics; Centers for Disease Control and Prevention



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