

(A Technical Summary of Selected Public Health Indicators)

Communicable | Disease

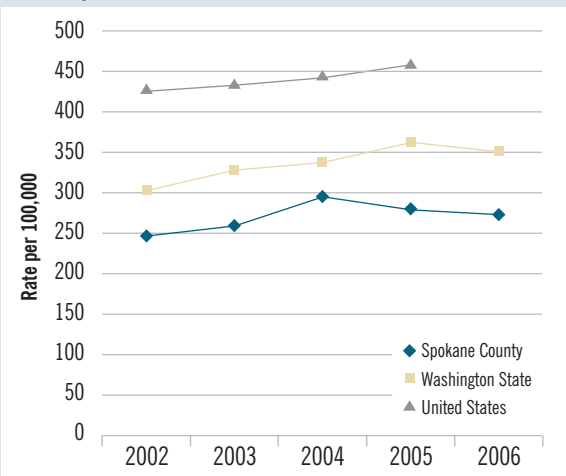
This indicator is 1 of 44 Spokane Counts indicators found at www.srhd.org/SpokaneCounts

Sexually Transmitted Diseases

The sexually transmitted disease (STD) indicator included chlamydia, gonorrhea, primary and secondary syphilis, and AIDS. STD rates are reported as the number of cases per 100,000 individuals. A person with an STD can have both physical and psychological consequences. There is also an economic toll. Direct medical costs of STDs in the United States are an estimated \$14 billion annually. The reported rate of STDs underestimates the true prevalence of disease because many infections are undiagnosed, and some of the more prevalent viral infections are not reported at all.¹

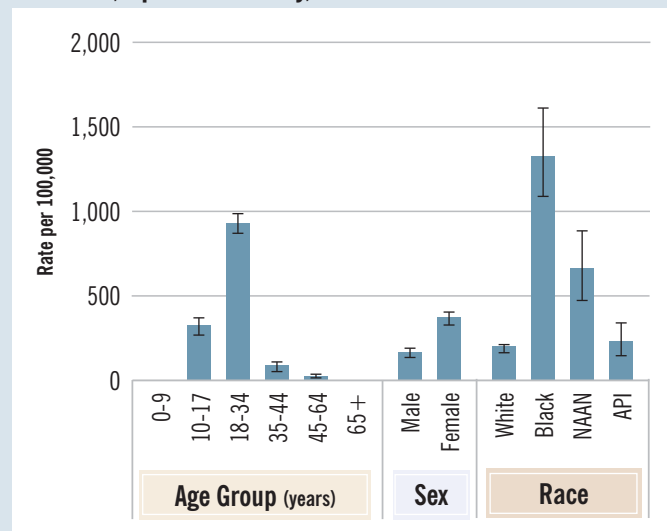
More than 1,200 STD cases were reported in Spokane County in 2006. There was a significant increase in the rate from 2002 to 2006. Spokane County had a significantly lower rate of STDs than did Washington State and the U.S.

Sexually Transmitted Diseases



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

Demographic Disparities in Sexually Transmitted Diseases, Spokane County, 2006

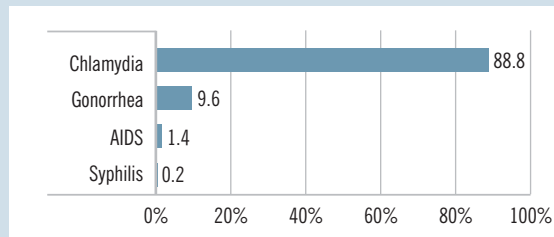


Source: Washington State Department of Health
NAAAN=Native American/Alaska Native, API=Asian/Pacific Islander

Among Spokane County residents in 2006:

- 18-34 year olds were more likely to have an STD than other age groups;
- STD rates decreased as age increased;
- Females were more likely to have an STD; and
- Blacks and Native American/Alaska Natives were more likely to have an STD when compared to Whites.

Type of Sexually Transmitted Diseases Spokane County, 2006



Source: Washington State Department of Health

The most common sexually transmitted disease was chlamydia. Though chlamydia is the most frequently reported STD, the prevalence is likely much higher as approximately three-quarters of infected women and 50% of infected men have no symptoms. If left untreated, chlamydia may cause reproductive or other health problems.²

It is also important to note that “women are selectively screened for chlamydia. Because active case-finding is preferentially limited to women, the incidence of chlamydia in men may be under-reported by comparison³.”

Indicator: Sexually Transmitted Diseases

Rate per 100,000

(95% Confidence Interval)

	2002	2003	2004	2005	2006	
Total	Spokane County	246.2 (231.8, 261.6)	258.5 (243.8, 274.2)	295.1 (278.4, 311.8)	279.2 (263.9, 295.3)	272.6 (257.7, 288.4)
	Washington State	304.2 (299.9, 308.6)	329.1 (324.6, 333.7)	337.9 (333.4, 342.5)	362.3 (354.7, 367.1)	351.4 (346.8, 356)
	National	429.0	434.7	446.7	460.7	
Age Group (years)	0-9	1.8 (0.3, 10.1)	0.0 (0, 6.9)	1.8 (0.3, 10.2)	1.8 (0.3, 10.1)	0.0 (0, 6.8)
	10-17	349.9 (302.2, 405.1)	361.1 (312.7, 417.1)	357.6 (309.2, 413.5)	392.8 (341.9, 451.1)	326.0 (280.1, 379.4)
	18-34	757.1 (705.3, 812.6)	807.2 (75.8, 864.4)	974.4 (915.8, 1036.8)	884.1 (828.4, 943.5)	929.0 (872.4, 989.3)
	35-44	74.5 (56.2, 98.8)	52.0 (37, 73)	90.6 (69.9, 117.3)	94.4 (73.2, 121.7)	83.2 (63.5, 109.1)
	45-64	21.8 (14.4, 33)	25.0 (17.1, 36.6)	19.6 (12.8, 30)	23.6 (16.1, 34.5)	23.7 (16.3, 34.5)
	65+	0.0 (0, 7.2)	1.9 (0.3, 10.6)	0.0 (0, 7.1)	1.8 (0.3, 10.3)	3.6 (1, 13)
	Sex	Male	123.5 (109.3, 139.5)	129.3 (114.8, 145.6)	155.6 (139.7, 17.3)	132.1 (117.6, 148.4)
Female		364.6 (340.1, 390.9)	383.1 (358.1, 409.9)	407.9 (382.1, 435.4)	394.9 (369.6, 421.8)	371.0 (346.8, 397)
Race	White	168.5 (156.2, 181.7)	188.6 (175.7, 202.5)	206.5 (193.0, 221)	189.3 (176.4, 203.1)	198.4 (185.2, 212.5)
	Black	1,201.0 (994, 1450.4)	903.8 (726.8, 1123.3)	1,357.9 (1139.4, 1617.7)	957.7 (777.1, 1179.8)	1,323.3 (1093.4, 1600.8)
	Native American/Alaska Native	517.3 (368.6, 725.6)	624.0 (458.6, 848.6)	643.3 (478, 855.4)	744.2 (564.9, 979.7)	649.4 (482.5, 873.5)
	Asian/Pacific Islander	221.9 (147.9, 332.8)	153.4 (94.5, 249.1)	155.5 (97.1, 249.01)	145.0 (89.3, 235.5)	232.8 (158.9, 340.9)

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



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December 2007

1. Centers for Disease Control and Prevention. Trends in Reportable Sexually Transmitted Diseases in the United States, 2005. <http://www.cdc.gov/std/stats/trends2005.htm>. Accessed 09/12/07.
2. Centers for Disease Control and Prevention. Chlamydia CDC Factsheet.

www.cdc.gov/std/chlamydia/stdfact-chlamydia.htm. Accessed 09/12/07.

3. Washington State Department of Health. 02/16/07. *Sexually Transmitted Disease Profile Spokane County 2005*.