

Communicable | Disease

2009 Update

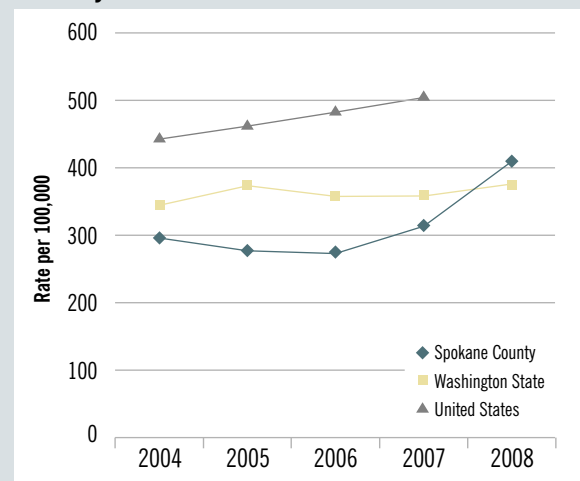
This indicator is 1 of 44 Spokane Counts indicators found at www.srhd.org/SpokaneCounts

Sexually Transmitted Infections

The sexually transmitted infection (STI) indicator includes reported chlamydia, gonorrhea, primary and secondary syphilis, and HIV. STI rates are reported as the number of cases per 100,000 individuals. A person with an STI can have both physical and psychological consequences. There is also an economic toll. Direct medical costs of STIs in the United States are an estimated \$14 billion annually. The reported rate of STIs 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

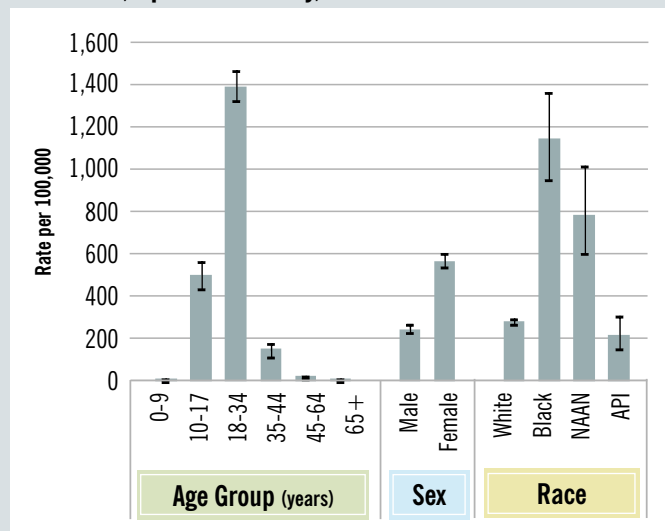
Nearly 1,900 STI cases were reported in Spokane County in 2008. There was a significant increase in the rate from 2004 to 2008. Spokane County had a significantly higher rate of STIs than did Washington State in 2008, but a lower rate than the U.S. in 2007.

Sexually Transmitted Infections



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

Demographic Disparities in Sexually Transmitted Infections, Spokane County, 2008

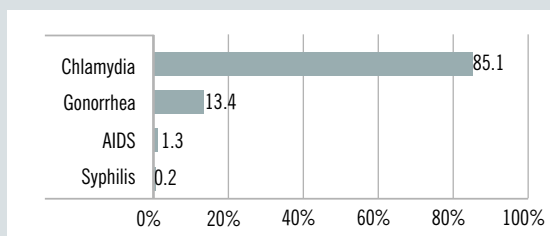


Source: Washington State Department of Health
NAAN=Native American/Alaska Native, API=Asian/Pacific Islander

Among Spokane County residents in 2008:

- 18-34 year olds were more likely to have an STI than other age groups;
- STI rates decreased as age increased;
- Females were more likely to have an STI; and
- When comparing Whites to other races, Blacks and Native American/Alaska Natives were more likely to have an STI.

Type of Sexually Transmitted Infections Spokane County, 2008



Source: Washington State Department of Health

Chlamydia is the most frequently reported STI. 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 comparison.³

Indicator: Sexually Transmitted Infections

Rate per 100,000

(95% Confidence Interval)

	2004	2005	2006	2007	2008	
Total	Spokane County	296.3 (280.5, 313.0)	277.8 (262.6, 293.9)	273.8 (258.8, 289.6)	316.0 (300.1, 332.9)	407.8 (389.8, 426.7)
	Washington State	343.0 (338.4, 347.6)	374.1 (369.3, 379.0)	357.3 (352.7, 362.0)	358.5 (353.9, 363.1)	374.5 (369.8, 379.2)
	National	446.1	461.2	481.9	504.6	
Age Group (years)	0-9	3.6 (1.0, 13.1)	1.8 (0.3, 10.1)	0.0 (0.0, 6.8)	12.2 (5.9, 25.1)	1.7 (0.3, 9.7)
	10-17	359.5 (311.0, 415.6)	388.8 (338.3, 446.9)	324.1 (278.3, 377.3)	384.4 (334.3, 442.0)	495.3 (438.0, 560.2)
	18-34	976.4 (917.7, 1,038.8)	890.0 (834.1, 949.6)	934.8 (878.0, 995.3)	1,021.6 (962.7, 1,084.0)	1,394.3 (1,326.1, 1,465.9)
	35-44	92.2 (71.3, 119.1)	83.2 (63.4, 109.0)	84.8 (64.8, 110.9)	107.9 (85.0, 137.0)	143.1 (116.2, 176.3)
	45-64	18.7 (12.1, 28.8)	20.9 (13.9, 31.3)	22.8 (15.6, 33.4)	24.7 (17.2, 35.5)	16.6 (10.8, 25.7)
	65+	1.8 (0.3, 10.5)	1.8 (0.3, 10.3)	3.6 (1.0, 13.0)	1.7 (0.3, 9.8)	1.7 (0.3, 9.5)
	Sex	Male	167.4 (150.9, 185.7)	143.8 (128.6, 160.8)	176.2 (159.4, 194.7)	190.0 (172.7, 209.0)
Female		420.6 (394.4, 448.5)	407.0 (381.4, 434.4)	390.1 (365.2, 416.6)	437.8 (411.6, 465.6)	567.0 (537.3, 598.3)
Race	White	215.1 (201.3, 229.9)	196.6 (183.5, 210.6)	206.0 (192.7, 220.3)	231.2 (217.1, 246.1)	278.1 (262.8, 294.4)
	Black	1,401.9 (1,179.6, 1,665.5)	1,002.5 (817.3, 1,229.2)	1,125.3 (929.6, 1,361.6)	1,169.4 (970.4, 1,408.6)	1,138.5 (949.4, 1,364.8)
	Native American/Alaska Native	718.1 (542.1, 950.8)	758.7 (577.6, 996.1)	656.1 (490.7, 876.7)	691.3 (521.9, 915.4)	780.7 (603.1, 1,010.1)
	Asian/Pacific Islander	164.7 (104.2, 260.2)	145.1 (89.3, 235.6)	248.9 (172.3, 359.5)	228.0 (155.7, 333.9)	208.7 (144.4, 301.4)

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



January 2010

Spokane Regional Health District | Disease Prevention and Response, Community Health Assessment
1101 W. College, Room 360 | Spokane, WA 99201 | DIRECT 509.323.2853 FAX 509.232.1706 TDD 509.324.1464

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.