

Communicable | Disease

2009 Update

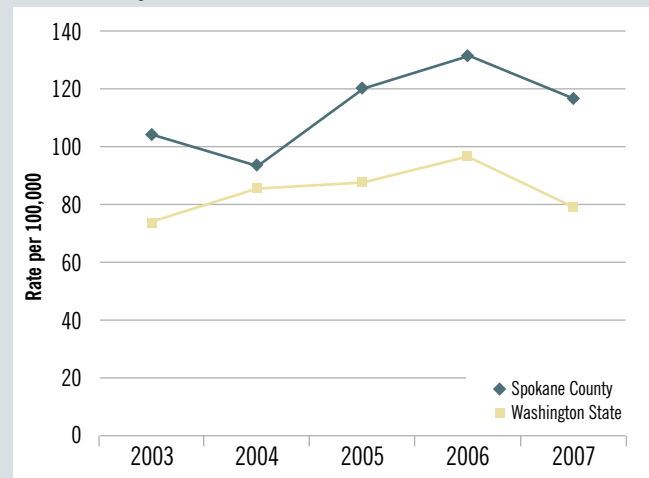
This indicator is 1 of 44 Spokane Counts indicators found at www.srhd.org/SpokaneCounts

Chronic Hepatitis C

Chronic hepatitis C is the most common chronic bloodborne infection in the U.S. It is measured by the number of reported cases of the disease per 100,000 individuals. Hepatitis C is spread by contact with blood from an infected individual. An estimated 1 out of 75 individuals in the U.S. are infected with hepatitis C. Approximately 8 out of 10 individuals who have ever injected street drugs are infected with hepatitis C. Hepatitis C is not vaccine preventable.¹ Hepatitis C can be treated with a combination of two drugs; pegylated interferon is administered as a shot once a week and Ribavirin is a pill that is taken on a daily basis. Successful completion of treatment can result in clearance of the virus in 45-75% of patients.

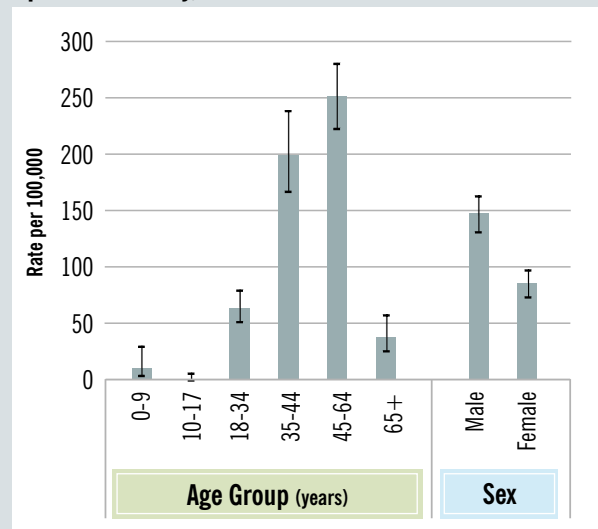
In Spokane County, 526 cases of chronic hepatitis C were reported in 2007. There was a significant increase in the rate from 2003 to 2007. Spokane County had a significantly higher rate of chronic hepatitis C than did Washington State in 2007.

Chronic Hepatitis C



Source: Spokane Regional Health District

Demographic Disparities in Chronic Hepatitis C Spokane County, 2007



Source: Spokane Regional Health District

Among Spokane County residents in 2007:

- The likelihood of having chronic hepatitis C increased with age; and
- Males are more likely than females to have chronic hepatitis C.

Indicator: Chronic Hepatitis C

Rate per 100,000
(95% Confidence Interval)

	2003	2004	2005	2006	2007	
Total	Spokane County	104.5 (95.3, 114.7)	93.3 (84.6, 102.8)	120.3 (110.5, 131.1)	131.8 (121.6, 142.9)	116.6 (107.0, 127.0)
	Washington State	73.4 (71.3, 75.6)	85.7 (83.4, 88.0)	88.0 (85.7, 90.4)	97.2 (94.8, 99.6)	79.3 (77.1, 81.5)
Age Group (years)	0-9	3.6 (0.6, 20.6)	10.9 (3.7, 32.1)	28.9 (14.6, 56.9)	7.1 (2.0, 26.0)	10.4 (3.6, 30.7)
	10-17	1.7 (0.3, 9.4)	0.0 (0.0, 6.4)	3.4 (0.9, 12.3)	0.0 (0.0, 6.5)	0.0 (0.0, 6.5)
	18-34	60.0 (47.6, 75.5)	48.9 (37.9, 63.0)	67.5 (54.4, 83.8)	80.8 (66.4, 98.3)	64.3 (51.7, 79.9)
	35-44	225.2 (191.2, 265.2)	176.4 (146.5, 212.4)	225.4 (191.2, 265.8)	235.2 (200.2, 276.4)	201.3 (169.0, 239.8)
	45-64	202.0 (176.5, 231.2)	200.9 (175.8, 229.6)	254.7 (226.7, 286.3)	307.3 (276.8, 341.2)	251.7 (224.6, 282.1)
	65+	39.2 (25.6, 59.9)	27.7 (16.8, 45.7)	20.0 (11.2, 35.8)	19.6 (10.9, 35.0)	38.1 (25.2, 57.7)
	Sex	Male	135.5 (120.6, 152.1)	132.0 (117.5, 148.4)	165.7 (149.4, 183.9)	179.9 (162.9, 198.5)
Female		74.7 (64.1, 87.1)	55.5 (46.5, 66.2)	75.6 (65.0, 88.0)	96.5 (84.5, 110.2)	86.2 (75.0, 99.1)

NOTE: National data not available.

Source: Washington State Department of Health

