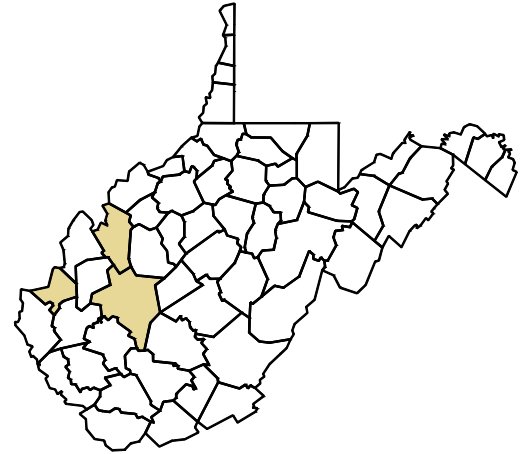




## Key features of syphilis in the U.S. in 2004

*Syphilis is a preventable and curable sexually transmitted disease (STD). Syphilis disproportionately affects a small percentage of the population and research shows that these are often isolated groups involved in high-risk activities such as illicit drug use, exchanging sex for money or drugs, unprotected sexual intercourse and having multiple sex partners.*

- U.S. primary and secondary (P&S) syphilis rate in 2004 was 2.7 cases/100,000 population (7,980 cases).
- U.S. congenital syphilis rate was 8.8 cases/100,000 live births (353 cases).
- Half of U.S. P&S cases in 2004 were in 20 counties, less than 1% of 3,140 counties.



## Key features of syphilis in West Virginia in 2004

### Primary and secondary syphilis cases, rates and rank

- West Virginia's 3 cases ranked 49 among 50 states, District of Columbia and 3 territories.
- West Virginia's rate of 0.2 cases/100,000 population ranked 49 among 50 states, District of Columbia and 3 territories.
- West Virginia's rate was 0.1 times the U.S. rate of 2.7 cases/100,000 population.

Rate (per 100,000 population)  
0.0      0.1-4.0  
>4.0

### West Virginia Rates

### Male-female ratios (primary and secondary syphilis)

- In West Virginia, 2 (67%) cases in 2004 were among males, compared to 83% nationally. The rate among males (0.2/100,000) was 0.0 times that of the U.S. male rate (4.7/100,000).
- In West Virginia, 1 (33%) cases were among females, compared to 16% nationally. The rate among females (0.1/100,000) was 0.1 times that of the U.S. female rate (0.8/100,000).
- The ratio of male to female rates in West Virginia was 2.1:1.0, lower than than the U.S. ratio of 5.3:1.0.

### Racial disparities (primary and secondary syphilis)

- In West Virginia in 2004, the racial distribution of the 3 cases was: White = 2; Black = 1; Hispanics = 0; Asian = 0; American Indian = 0. The race adjusted rates (per 100,000 population) were: White = 0.1; Black = 1.6; Hispanics = 0.0; Asian = 0.0; American Indian = 0.0.
- 66.7% of cases were among Whites, compared to 40% nationally.
- 33.3% of cases were among Blacks, compared to 41% nationally. The rate among Blacks (1.6) was 16 times that of Whites (0.1).
- 0.0% of cases were among Hispanics, compared to 16% nationally. The rate among Hispanics (0.0) was 0.0 times that of Whites (0.1).
- 0.0% of cases were among Asians, compared to 2% nationally. The rate among Asians (0.0) was 0.0 times that of Whites (0.1).
- 0.0% of cases were among American Indians, compared to 1% nationally. The rate among American Indians (0.0) was 0.0 times that of Whites (0.1).

### Congenital Syphilis

*Syphilis can be transmitted from mother to fetus during pregnancy causing stillbirths or congenital syphilis that may result in lifelong health problems.*

- West Virginia had 0 congenital syphilis cases born in 2004.
- The congenital syphilis rate in the state was 0.0 cases/100,000 live births.
- The congenital syphilis rate in West Virginia was 0.0 times the U.S. rate of 8.8/100,000 live births.

