



## 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 Maricopa County, AZ in 2004

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

- Maricopa County, AZ's 106 cases ranked 18 among 3,140 U.S. counties.
- Maricopa County, AZ's rate of 3.1 cases/100,000 population ranked 220 among 3,140 U.S. counties.
- Maricopa County, AZ's rate was 1.1 times the U.S. rate of 2.7 cases/100,000 population.

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

- In Maricopa County, AZ 81 (76%) cases in 2004 were among males, compared to 83% nationally. The rate among males (4.8/100,000) was 1 times that of the U.S. male rate (4.7/100,000).
- In Maricopa County, AZ 25 (24%) cases were among females, compared to 16% nationally. The rate among females (1.5/100,000) was 1.9 times that of the U.S. female rate (0.8/100,000).
- The ratio of male to female rates in Maricopa County, AZ was 3.2:1.0, lower than than the U.S. ratio of 5.3:1.0.

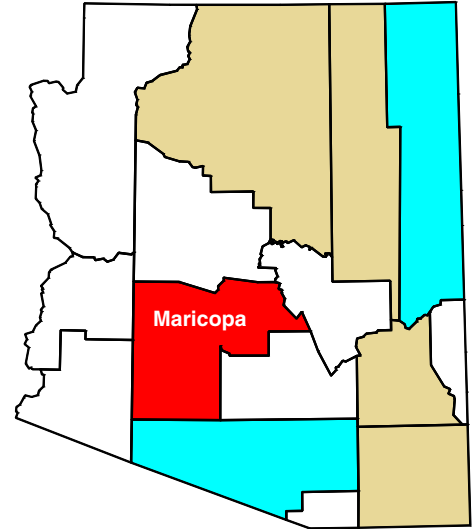
### Racial disparities (primary and secondary syphilis)

- In Maricopa County, AZ in 2004, the racial distribution of the 106 cases was: White = 45; Black = 11; Hispanics = 32; Asian = 1; American Indian = 10. The race-adjusted rates (per 100,000 population) were: White = 2.2; Black = 9; Hispanics = 3.6; Asian = 1.1; American Indian = 18.6.
- 45.3% of cases were among Whites, compared to 40% nationally.
- 11.3% of cases were among Blacks, compared to 41% nationally. The rate among Blacks (9) was 4.1 times that of Whites (2.2).
- 32.1% of cases were among Hispanics, compared to 16% nationally. The rate among Hispanics (3.6) was 1.6 times that of Whites (2.2).
- 0.9% cases were among Asians, compared to 2% nationally. The rate among Asians (1.1) was 0.5 times that of Whites (2.2).
- 10.4% cases were among American Indians, compared to 1% nationally. The rate among American Indians (18.6) was 8.5 times that of Whites (2.2).

## Congenital Syphilis

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

- Maricopa County, AZ had 12 congenital syphilis cases born in 2004.
- The congenital syphilis rate in the county was 21.2 cases/100,000 live births.
- The congenital syphilis rate in Maricopa County, AZ was 2.4 times the U.S. rate of 8.8/100,000.



Rate (per 100,000 population)

0.0	0.1-4.0
>4.0	High Case

Arizona County Rates

