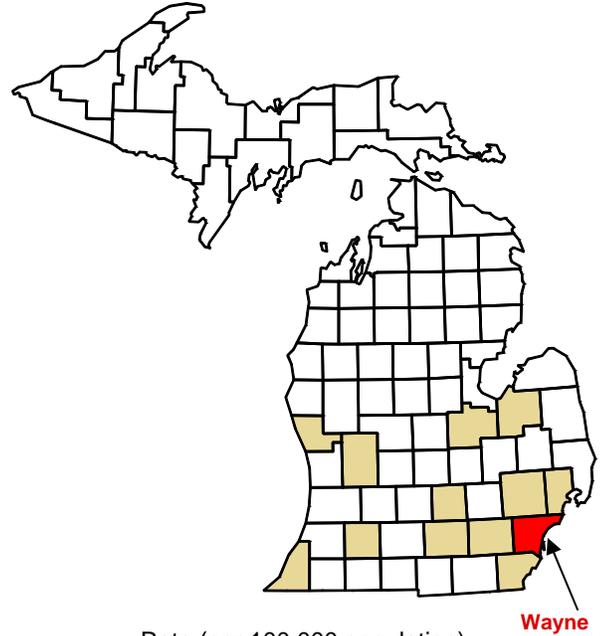




## Key features of syphilis in the U.S. in 2003

*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 2003 was 2.5 cases/100,000 population (7,177 cases).
- U.S. congenital syphilis rate was 10.3 cases/100,000 live births (413 cases).
- Half of U.S. P&S cases in 2003 were in 19 counties, less than 1% of 3,140 counties.



Rate (per 100,000 population)

|        |           |
|--------|-----------|
| White  | 0.0       |
| Yellow | 0.1-4.0   |
| Red    | >4.0      |
| Red    | High Case |

Michigan County Rates

## Key features of syphilis in Wayne County, MI in 2003

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

- Wayne County, MI's 205 cases ranked 6 among 3,140 U.S. counties.
- Wayne County, MI's rate of 10.1 cases/100,000 population ranked 35 among 3,140 U.S. counties.
- Wayne County, MI's rate was 4 times the U.S. rate of 2.5 cases/100,000 population.

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

- In Wayne County, MI 127 (62%) cases in 2003 were among males, compared to 83% nationally. The rate among males (13/100,000) was 3.1 times that of the U.S. male rate (4.2/100,000).
- In Wayne County, MI 78 (38%) cases were among females, compared to 17% nationally. The rate among females (7.4/100,000) was 9.3 times that of the U.S. female rate (0.8/100,000).
- The ratio of male to female rates in Wayne County, MI was 1.8:1.0, lower than than the U.S. ratio of 4.9:1.0.

### Racial disparities (primary and secondary syphilis)

- In Wayne County, MI in 2003, the racial distribution of the 205 cases was: White = 24; Black = 177; Hispanics = 3; Asian = 0; American Indian = 0. The race-adjusted rates (per 100,000 population) were: White = 2.3; Black = 20.6; Hispanics = 3.5; Asian = 0.0; American Indian = 0.0.
- 11.7% of cases were among Whites, compared to 42% nationally.
- 86.8% of cases were among Blacks, compared to 39% nationally. The rate among Blacks (20.6) was 9 times that of Whites (2.3).
- 1.5% of cases were among Hispanics, compared to 16% nationally. The rate among Hispanics (3.5) was 1.5 times that of Whites (2.3).
- 0.0% cases were among Asians, compared to 2% nationally. The rate among Asians (0.0) was 0.0 times that of Whites (2.3).
- 0.0% cases were among American Indians, compared to 1% nationally. The rate among American Indians (0.0) was 0.0 times that of Whites (2.3).

### Congenital Syphilis

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

- Wayne County, MI had 37 congenital syphilis cases born in 2003.
- The congenital syphilis rate in the county was 126.4 cases/100,000 live births.
- The congenital syphilis rate in Wayne County, MI was 12.3 times the U.S. rate of 10.3/100,000.