

Sexually Transmitted Disease Surveillance 2005 Supplement

Syphilis Surveillance Report

**Division of STD Prevention
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DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for HIV, STD, and TB Prevention
Division of STD Prevention
Atlanta, Georgia 30333

Centers for Disease Control and
Prevention Julie Louise Gerberding, M.D., M.P.H.
Director

Coordinating Center for
Infectious Diseases Mitchell L. Cohen, M.D.
Director

National Center for
HIV, STD, and TB Prevention Kevin Fenton, M.D., Ph.D.
Director

Division of STD Prevention John M. Douglas, Jr., M.D.
Director

National Syphilis Elimination
Effort Jo Valentine, M.S.W.
Chief

Epidemiology and Surveillance
Branch Stuart M. Berman, M.D., Sc.M.
Chief

Surveillance and Special Studies
Team Hillard S. Weinstock, M.D., M.P.H.
Lead

Syphilis Surveillance
Activity John F. Beltrami, M.D., M.P.H. & T.M.
Medical Epidemiologist

Statistics and Data Management
Branch Samuel L. Groseclose, D.V.M., M.P.H.
Chief

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The report is also available by Internet via the CDC home page at: <http://www.cdc.gov/std/Syphilis2005/>

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This report was prepared by the following staff of the Division of STD Prevention, National Center for HIV/AIDS, STD, and TB Prevention, Centers for Disease Control and Prevention:

Office of the Director

Jo Valentine

Epidemiology and Surveillance Branch

John Beltrami

Riduan Joesoef

Hillard Weinstock

Statistics and Data Management Branch

Susan Bradley

Sharon Clanton

Melinda Flock

Rose Horsley

Rob Nelson

Update: U.S. Syphilis Elimination Effort

In October 1999, the Centers for Disease Control and Prevention (CDC), in collaboration with federal, state, local, and non-governmental partners, launched the National Plan to Eliminate Syphilis.¹ The plan's five key strategies included: 1) enhanced surveillance, 2) rapid outbreak response activities, 3) enhanced clinical and laboratory services, 4) strengthened community involvement and organizational partnerships, and 5) enhanced health promotion. In the seven years since its establishment, numerous gains have been made in reducing disease incidence in key groups, raising professional and public awareness of syphilis, increasing financial investment into public Sexually Transmitted Disease (STD) clinic services, and building local public health and community capacity to fight this devastating disease.

However, new challenges have emerged. After reaching a nadir in 2000, case reports of primary and secondary syphilis are again on the increase, and today more than 60% of new infections are estimated to occur in men who have sex with men.² Syphilis is now increasingly diagnosed in the private sector, generating concerns about the effectiveness of its detection and

management in this setting. The evolving epidemiology, changing risk groups, and social environments pose challenges for elimination and STD program activities. Moreover, public health services face increasing pressures from rising demand and decreasing financial resources; and the social contexts of poverty, racism, homophobia, and socio-economic discrimination continue to drive the concentration of the disease in those with high-risk sexual behaviors, poor access to care, or both.

In 2006 CDC, in consultation with state, local, and community partners, updated the national plan to eliminate syphilis.³ The 2006 plan, *Together We Can SEE: The National Plan to Eliminate Syphilis from the United States* provides a dynamic, evidence-based framework to guide current and future syphilis elimination efforts and promotes culturally competent prevention and control services.⁴ By 2010, interim elimination targets will be to:

reduce rates of primary and secondary syphilis in the United States to 2.2 cases per 100,000 population;

reduce congenital syphilis to 3.9 cases per 100,000 live births; and

reduce the Black:White racial disparity to 3:1.

In order to achieve this, CDC will focus syphilis elimination activities towards achieving three strategic goals: investment in and enhancement of public health services; prioritization of evidence-based, culturally competent interventions; and increasing accountability for syphilis elimination services and interventions. Each of the three goals in the updated plan

corresponds with 3 specific strategies, resulting in a total of nine strategies : 1) Surveillance, 2) Clinical and Laboratory Services, 3) Community Mobilization, 4) Health Care Provider Mobilization, 5) Tailoring of Interventions, 6) Evidence-based Action Planning, 7) Monitoring and Evaluation, 8) Training and Staff Development, and 9) Research. The 3-by-3 approach to implementing syphilis elimination is illustrated below.

SYPHILIS ELIMINATION GOAL	SYPHILIS ELIMINATION STRATEGIES
<p>Investment in, and enhancement of, public health services and interventions - Public health services will achieve excellence in the diagnosis, management, and reporting of syphilis and its adverse outcomes, especially those at greatest risk of health disparities.</p>	<ol style="list-style-type: none"> 1. Improve and enhance syphilis surveillance and outbreak response 2. Improve and quality assure clinical and partner services 3. Improve and quality assure laboratory services
<p>Prioritization of evidence-based, culturally competent interventions - Public health services will improve the advocacy, acceptability, and appropriateness of their response to syphilis epidemics through the creation of productive and proactive partnerships with external stakeholders.</p>	<ol style="list-style-type: none"> 1. Mobilization of affected communities 2. Tailoring intervention strategies for affected populations. 3. Mobilization of, and creating alliances with health care providers
<p>Accountable services and interventions - Public health services will improve the effectiveness of their interventions by improving accountability for their planning, implementation, and evaluation.</p>	<ol style="list-style-type: none"> 1. Training and staff development 2. Evidence-based action planning, monitoring, and evaluation 3. Research and development

This updated plan provides guidance to assist local, state, and national partners to effectively focus on the infectious syphilis epidemic in order to get the most important things done in the most cost-effective, ethical, and acceptable ways possible. Further details on the recommended strategies and recommended activities are contained in an accompanying Syphilis Elimination Technical Appendix (SETA).⁵

In 1999, the persistence of syphilis in the United States was said to reflect a failure in our public health capacity. Today, population-wide changes in sexual behavior, in turn driven by a number of social and economic factors, continue to influence which locale and who is affected by this disease. However, the benefits of elimination - improvements in health, reductions in healthcare costs, development of public health capacity, and reductions in racial disparities - nevertheless remain as pertinent today as ever.

Introduction

Syphilis, a genital ulcerative disease, causes significant complications if untreated and facilitates the transmission of HIV.⁶ Untreated early syphilis during pregnancy results in perinatal death in up to 40% of cases and, if acquired during the four years preceding pregnancy, may lead to infection of the fetus in over 70% of cases.⁷

In recent years, reports of outbreaks and increased numbers of primary and secondary syphilis cases among men who have sex with men have been documented and characterized by high rates of HIV co-infection and high-risk sexual behavior.⁸⁻¹² For the first time in several years, the number of cases among women increased in 2004, and the male to female (M:F) ratio decreased in 2005,^{2,13} suggesting that heterosexuals may be increasingly infected with syphilis.

Additionally, a substantial proportion of early syphilis cases is from correctional facilities,¹⁴ in which high rates of reactive serologies and disease are known to occur,¹⁵⁻¹⁸ particularly in areas experiencing heterosexual syphilis epidemics.¹⁴⁻¹⁶ Information from both case reports and STD Prevalence Monitoring Projects is important for STD prevention, treatment, planning, and evaluation activities.

In this era of evidence-based public health, the use of data to inform, evaluate, and modify interventions and other activities is critical to best prevent syphilis. To that end, this Syphilis Surveillance Report consists of national and state profiles that contain and describe figures and tables, which provide an overview of syphilis morbidity in the United States. These profiles present adult and congenital syphilis trends and other statistics in the United States through 2005 and are based on case reports from the 65 sexually transmitted disease (STD) project areas. Case report data are the foundation of surveillance systems, which are operated by state and local health department STD control programs.

Any comments or suggestions that would improve the usefulness of future publications are appreciated and should be sent to Director, Division of STD Prevention, National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention, 1600 Clifton Road, Mailstop E-02, Atlanta, Georgia, 30333.

National Profile of Syphilis Surveillance Data

Overall

The rate of primary and secondary (P&S) syphilis reported in the United States decreased during the 1990s and in 2000 was the lowest since reporting began in 1941.¹³ However, the number of cases of P&S syphilis increased during 2000-2004 and continued to increase from 2004 (7,980 cases) to 2005 (8,724 cases).¹³

In 2005, P&S syphilis cases reported to CDC increased to 8,724 from 7,980 in 2004, an increase of 9.3% (Figure 1). The rate of P&S syphilis in the United States was 11.1% higher in 2005 than in 2004 (3.0 vs. 2.7 cases per 100,000 population).¹³

During 2004-2005, the number of cases reported to CDC increased 5.3% for early latent syphilis (from 7,768 to 8,176), decreased 7.2% for late and late latent syphilis (from 17,300 to 16,049), and decreased 0.4% for the total number of cases of syphilis (P&S, early latent, late, late latent, and congenital syphilis) (from 33,419 to 33,278).¹³

Gender

The overall increase in primary and secondary (P&S) syphilis cases during 2000-2005 was observed primarily among men.¹³ During

2004-2005, P&S syphilis reported to CDC increased among men (from 6,722 to 7,383 cases) and women (from 1,255 to 1,339 cases).¹³

During 2004-2005, the rate of P&S syphilis increased 8.5% among men (from 4.7 cases to 5.1 cases per 100,000 men) and increased 12.5% among women (from 0.8 cases to 0.9 cases per 100,000 women) (Figure 2).¹³

In 2005, the rate of P&S syphilis was highest among women in the 20-24 year-old age group (3.0 cases per 100,000 population) and among men in the 35-39 year-old age group (13.2 cases per 100,000 population) (Figure 3).¹³ In 2003 and 2004, the highest rates of syphilis among women and men were in these same respective age groups.

The male-to-female (M:F) rate ratio for P&S syphilis had risen steadily since 1996 when it was 1.2 (Figure 4), suggesting an increase in syphilis among men who have sex with men during this time. Although the M:F rate ratio decreased 3.4% during 2004-2005 (from 5.9 to 5.7), the M:F rate ratio increased in Puerto Rico, the District of Columbia, and 18 (55%) of 33 states that reported at least 25 cases in 2005.¹³

During 2004-2005, the M:F rate ratio for P&S syphilis increased among whites (from 10 to 11), African Americans (from 3.3 to 3.6), Asian/Pacific Islanders (from 11 to 12), and American Indian/Alaska Natives (from 1.3 to 2.1), but decreased among Hispanics (from 7.7 to 6.1).¹³

Congenital Syphilis

During 1996-2003, the rate of primary and secondary (P&S) syphilis reported among women decreased from 3.9 to 0.8 cases per 100,000 population, remained the same in 2004, and then increased to 0.9 cases per 100,000 population in 2005.¹³ During 1996-2005, the average yearly percent decrease in the congenital syphilis (CS) rate was 14.1%.¹³ Between 2004 and 2005, the overall rate of CS decreased 12.1% in the United States, from 9.1 to 8.0 cases per 100,000 live births.¹³

In 2005, 26 states and two outlying areas had rates of CS that exceeded the HP2010 target of 1.0 case per 100,000 live births (Figure 6).¹³

Race/Ethnicity

During 1990-1996, rates of primary and secondary (P&S) syphilis declined among all racial and ethnic groups. From 1997 to 2000, rates of P&S syphilis were fairly stable in all racial and ethnic groups except African Americans, in whom the rate steadily declined.¹³

During 2000-2005, the P&S syphilis rate increased each year among non-Hispanic whites (from 0.5 to 1.8

cases per 100,000 population) and Hispanics (from 1.6 to 3.3 cases per 100,000 population) (Figure 7). During 2000-2005, the rate increased among Asian/Pacific Islanders (from 0.3 to 1.2 cases per 100,000 population). During 2000-2003, the P&S syphilis rate among African Americans decreased (from 12.0 to 7.7 cases per 100,000 population), but during 2003-2005, the rate increased to 9.8 per 100,000 population. The rate among American Indian/Alaska Natives increased during 2000-2001 (from 2.2 to 3.8 cases per 100,000 population), declined to 2.1 cases per 100,000 population in 2002, increased to 3.1 cases per 100,000 population during 2003-2004, and then decreased to 2.4 cases per 100,000 population in 2005.¹³

In 2005, 41.4% of reported cases of P&S syphilis occurred among African Americans compared with 40.9% of cases reported in 2004.¹³ Although the rate of P&S syphilis remains higher among African Americans than among non-Hispanic whites, the difference in rates between the two populations has decreased over time because of the declining rate of P&S syphilis among African Americans and the increasing rate of infection among non-Hispanic whites. In 2004 and 2005, the rate of P&S syphilis was 5.5 and 5.4 times higher among African Americans than among non-Hispanic whites, respectively, compared to 1992 when the African American rate was 62 times that of the non-Hispanic white rate.

In 2005, the rates of P&S syphilis were highest among African-American men (15.7 cases per 100,000 population) and Hispanic men (5.5 cases per 100,000 population) (Figure 8).¹³

Geography

In 2005, the South continued to have a higher rate of primary and secondary (P&S) syphilis (3.8 cases per 100,000 population) than any other region in the United States, and cases in the South accounted for 46.4% of total P&S syphilis cases reported, compared to 47.5% in 2004.¹³ (See page 11 for definition of regions).

During 2004-2005, the P&S syphilis rate increased in all U.S. regions: 13% in the Midwest (from 1.6 to 1.8 cases per 100,000 population), 4.5% in the Northeast (from 2.2 to 2.3 cases per 100,000 population), 14% in the West (from 2.9 to 3.3 cases per 100,000 population), and 5.6% in the South (from 3.6 to 3.8 cases per 100,000 population). Rates in all regions were greater than the HP2010 target of 0.2 case per 100,000 persons in 2005 (Figure 9).¹⁹

During 2004-2005, M:F P&S syphilis rate ratios increased in the Northeast (from 10.3 to 14.7) and Midwest (from 4.3 to 8.3), but decreased in the West (from 10.4 to 8.4) and South (from 4.1 to 3.8).¹³

During 2004-2005, of the 30 counties and independent cities with the most cases in 2005, 12 counties

had increases in the M:F P&S syphilis rate ratio; 14 counties and 2 independent cities had a decrease; and 2 counties had no change (Table 1).

In 2005, P&S syphilis rates in 6 states and no outlying areas were less than or equal to the Healthy People 2010 national target of 0.2 case per 100,000 persons (Figure 10).¹³

In 2005, 2,434 (77.5%) of 3,140 counties in the United States reported no cases of P&S syphilis compared with 2,488 (79.2%) counties reporting no cases in 2004.¹³ Of 706 counties reporting at least one case of P&S syphilis in 2005, 5 (0.7%) had rates at or below the Healthy People 2010 target of 0.2 cases per 100,000 population. Rates of P&S syphilis were above the Healthy People 2010 target for 701 counties in 2005 (Figure 11). These 701 counties (22.3% of the total number of counties in the United States) accounted for 99.9% of the total P&S syphilis cases reported in 2005.¹³

In 2005, 50% of the total number of P&S syphilis cases was reported from 19 counties and two cities.¹³

Corrections STD Prevalence Monitoring Project

The median percentage of reactive syphilis tests by facility was 5.2% (range, 1.2-12.6) for women entering 23 adult corrections facilities and 3.7% (range, 0.4-9.5) for men

entering 24 adult corrections facilities in 2005 (Table 2).

Source of Case Report

The proportion of P&S syphilis cases reported from sources other than STD clinics increased from 1999 to 2005 among both men (42% to 68%) and women (49% to 64%) (Table 3).

Interpreting STD Surveillance Data

Data Limitations

Syphilis data should be interpreted with caution. Case report data are likely to underestimate the true burden of disease in the United States, because of underreporting of diagnosed cases, infected persons not accessing health care, and persons who are otherwise not screened. The prevalence of reactive serology from persons entering correctional facilities may not reflect the prevalence of syphilis in communities where the facilities are located or where the inmates were living at the time of arrest. Because confirmatory tests were not available for the majority of reactive serologic tests for syphilis, biologic false positive results in these instances could not be determined and thus could not be excluded from the proportion calculations.

Sources of Data

Syphilis case report data are used to create the tables and graphics in this report and are from either hardcopy summary reporting forms (monthly, quarterly, and annual) or individual case records transmitted electronically via the National Electronic Telecommunications System for Surveillance (NETSS), which is the system that provides

notifiable disease information that is published in the Morbidity and Mortality Weekly Report (MMWR). Project areas have been in the process of converting from hardcopy reporting of STD data to electronic submissions of individual line-listed data since 1996. In 2005, primary and secondary (P&S) syphilis data from hardcopy reports were used from Puerto Rico, Guam, and Virgin Islands. Data on reported cases of P&S syphilis were analyzed for this report because these cases best represent the incidence of infectious syphilis (i.e., newly acquired infections within a specific time period). For congenital syphilis (CS), 29 states and outlying territories used hardcopy reports. Reports and corrections sent to CDC on hardcopy forms and electronically via NETSS through April 29, 2005, were used to create the line-graphs, bar charts, and county-level maps in this report.

Thirteen states reported information from syphilis serology data from persons entering correctional facilities as part of the Corrections STD Prevalence Monitoring Project.

Population Denominators and Rate Calculations

2000–2005 Rates and Population

Crude incidence rates (new cases/population) were calculated on an annual basis per 100,000 population. In this report, the 2005 rates for the United States, all states, counties, and outlying areas were calculated by dividing the number of cases reported from each area in 2005 by the estimated area-specific 2004 population (the most current detailed population file available at time of publication).

The National Center for Health Statistics released bridged race population counts for 2000–2004 resident population based on the Census 2000 counts. These estimates resulted from bridging the 31 race categories used in Census 2000, as specified in the 1997 Office of Management and Budget (OMB) standards, to the five race/ethnicity groups specified under the 1977 OMB standards.

From 2001 to 2002, population estimates for Guam were obtained from the Guam Bureau of Statistics and Plans; estimates for Puerto Rico were obtained from the Bureau of Census; and estimates for the Virgin Islands were obtained from the University of the Virgin Islands. After 2002, population estimates for all outlying areas were obtained from the Bureau of Census web site <http://www.census.gov/ipc/www/idbp rint.html>. The 2004–2005 rates for

outlying areas were calculated using the 2004 population estimates.

Due to use of the updated population data, rates for the period 2000–2004 may be different from prior Surveillance Reports.

1990–1999 Rates and Population

The population counts for 1990–1999 incorporated the bridged single-race estimates of the April 1, 2000 resident population. These files were prepared by the U.S. Census Bureau with support from the National Cancer Institute.

1981–1989 Rates and Population

For the United States, rates were calculated using Bureau of the Census population estimates for 1981 through 1989 (Bureau of the Census; United States Population Estimates by Age, Sex and Race: 1980–1989 [Series P-25, No. 1045]; Washington: U.S. Government Printing Office, 1990; and United States Population Estimates by Age, Sex and Race: 1989 [Series P-25, No. 1057]; Washington: U.S. Government Printing Office, 1990.

1941–1980 Rates and Population

Rates for 1941–1980 are based on population estimates from the Bureau of Census and currently maintained by the Division of STD Prevention.

1963–2005 Congenital Syphilis Rates and Live Births

Rates of congenital syphilis for 1963–1988 were calculated using published live birth data (NCHS; Vital Statistics Report, United States,

1988 [Vol.1-Natality]).
Congenital syphilis rates for
1989–2003 were calculated using
live births from the National
Center for Health Statistics
(NCHS) (Vital Statistics: Natalty
Tapes 1989–2002 or Vital
Statistics Reports, United States
1999, Vol. 48 No.10-Natality).
Race-specific rates for 2004–
2005 were calculated using live
birth data for 2003.

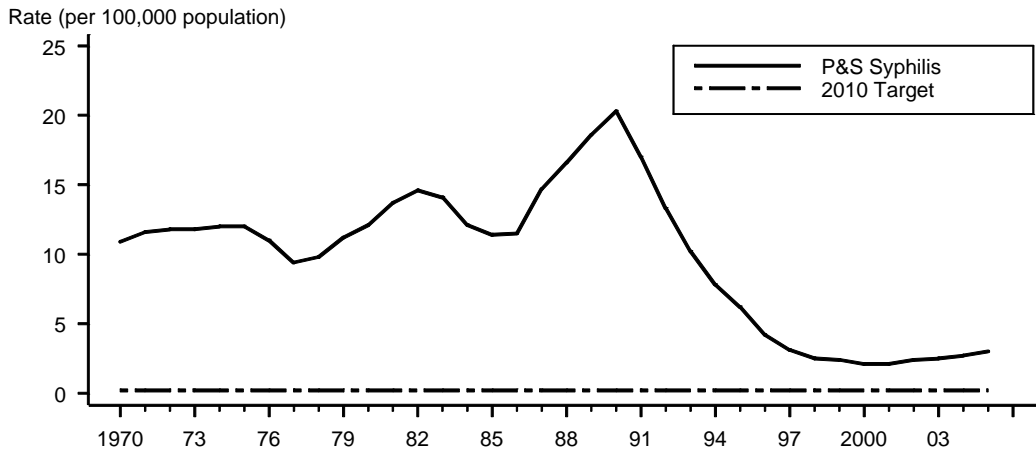
Definition of Regions

The four regions referred to in the text and figures include the following jurisdictions: Northeast=Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; Midwest=Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; South=Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; West=Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

References

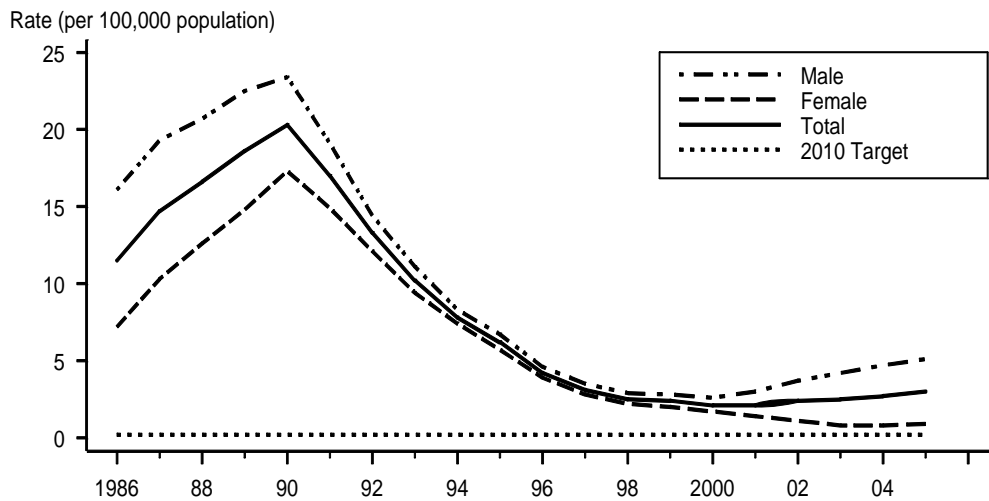
- ¹Centers for Disease Control and Prevention. The National Plan to Eliminate Syphilis from the United States. Atlanta, Georgia: U.S. Department of Health and Human Services, CDC, National Center for HIV, STD, and TB Prevention, 1999:1-84.
- ²Centers for Disease Control and Prevention. Primary and secondary—United States, 2003-2004. *MMWR* 2006;55:269-73.
- ³Centers for Disease Control and Prevention. Report of the Syphilis Elimination Consultation, August 1-2, 2005. Atlanta, GA. October 2005.
- ⁴Centers for Disease Control and Prevention. The Together We Can SEE. The National Plan to Eliminate Syphilis from the United States. Atlanta, GA: US Department of Health and Human Services, May 2006.
- ⁵Centers for Disease Control and Prevention. The Syphilis Elimination Technical Appendix. Atlanta, GA: US Department of Health and Human Services, May 2006.
- ⁶Holmes KK, Sparling PF, Mardh P-A, et al. eds. *Sexually Transmitted Diseases*. 3rd ed. New York: McGraw-Hill, 1999.
- ⁷Ingraham NR. The value of penicillin alone in the prevention and treatment of congenital syphilis. *Acta Derm Venereol* 1951;31(suppl24):60-87.
- ⁸Beltrami JF, Shouse RL, Blake PA. Trends in infectious diseases and the male to female ratio: possible clues to changes in behavior among men who have sex with men. *AIDS Educ Prev* 2005;17(Suppl B):49-59.
- ⁹D'Souza G, Lee JH, Paffel JM. Outbreak of syphilis among men who have sex with men in Houston, Texas. *Sex Transm Dis* 2003;30:872-3.
- ¹⁰Centers for Disease Control and Prevention. Primary and secondary syphilis among men who have sex with men – New York City, 2001. *MMWR* 2002;51:853-6.
- ¹¹Chen JL, Kodagoda D, Lawrence AM, Kerndt PR. Rapid public health interventions in response to an outbreak of syphilis in Los Angeles. *Sex Transm Dis* 2002;29:277-284.
- ¹²Centers for Disease Control and Prevention. Outbreak of syphilis among men who have sex with men – Southern California, 2000. *MMWR* 2001;50:117-20.
- ¹³Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance 2005*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, November 2006.
- ¹⁴Kahn RH, Voigt RF, Swint E, Weinstock H. Early syphilis in the United States identified in corrections facilities, 1999-2002. *Sex Transm Dis* 2004;31:360-4.
- ¹⁵Kahn RH, Scholl DT, Shane SM, Lemoine AL, Farley TA. Screening for syphilis in arrestees: usefulness for community-wide syphilis surveillance and control. *Sex Transm Dis* 2002;29:150-6.
- ¹⁶Finelli L, Farley TA, Gibson JJ, Langley C, Hwang L-Y, Levine WC. Prevalence monitoring in syphilis surveillance: results from a multicenter research program. *Sex Transm Dis* 2002;29:769-774.
- ¹⁷Mertz KJ, Voigt RF, Hutchins K, Levine WC. Jail STD Prevalence Monitoring Group. Findings from STD screening of adolescents and adults entering corrections facilities: implications for STD control strategies. *Sex Transm Dis* 2002;29:834-839.
- ¹⁸Silberstein GS, Coles FB, Greenberg A, Singer L, Voigt RF. Effectiveness and cost-benefit of enhancements to a syphilis screening and treatment program at a county jail. *Sex Transm Dis* 2000;27:508-17.
- ¹⁹U.S. Department of Health and Human Services. *Healthy People 2010*. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Figure 1. Primary and secondary syphilis — Reported rates: United States, 1970–2005 and the Healthy People year 2010 target



Note: The Healthy People 2010 (HP2010) target for primary and secondary syphilis is 0.2 case per 100,000 population.

Figure 2. Primary and secondary syphilis — Rates: Total and by sex: United States, 1986–2005 and the Healthy People year 2010 target



Note: The Healthy People 2010 target for P&S syphilis is 0.2 case per 100,000 population

Figure 3. Primary and secondary syphilis — Age- and sex-specific rates: United States, 2005

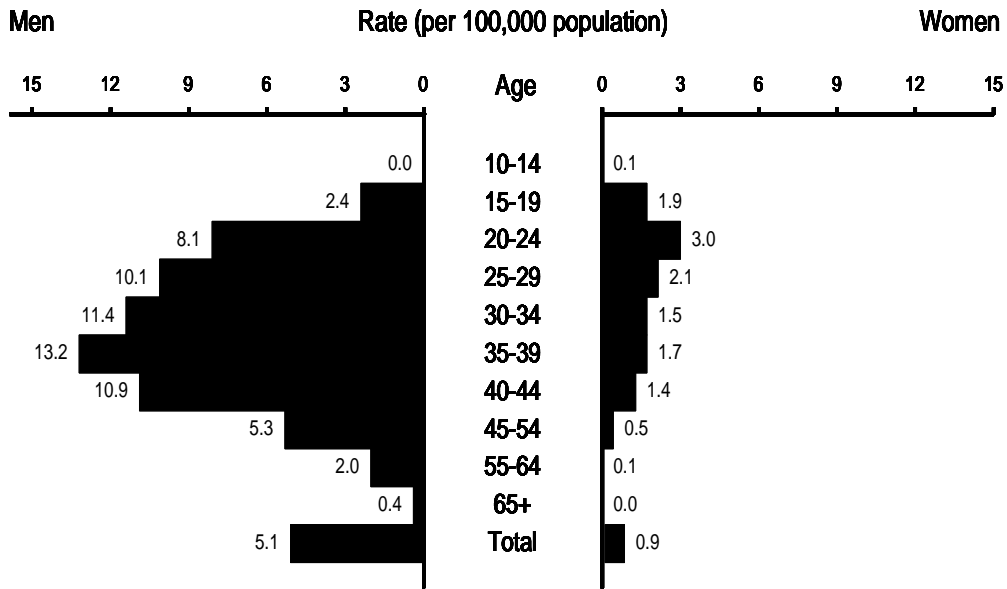


Figure 4. Primary and secondary syphilis — Male-to-female rate ratios: United States, 1996–2005

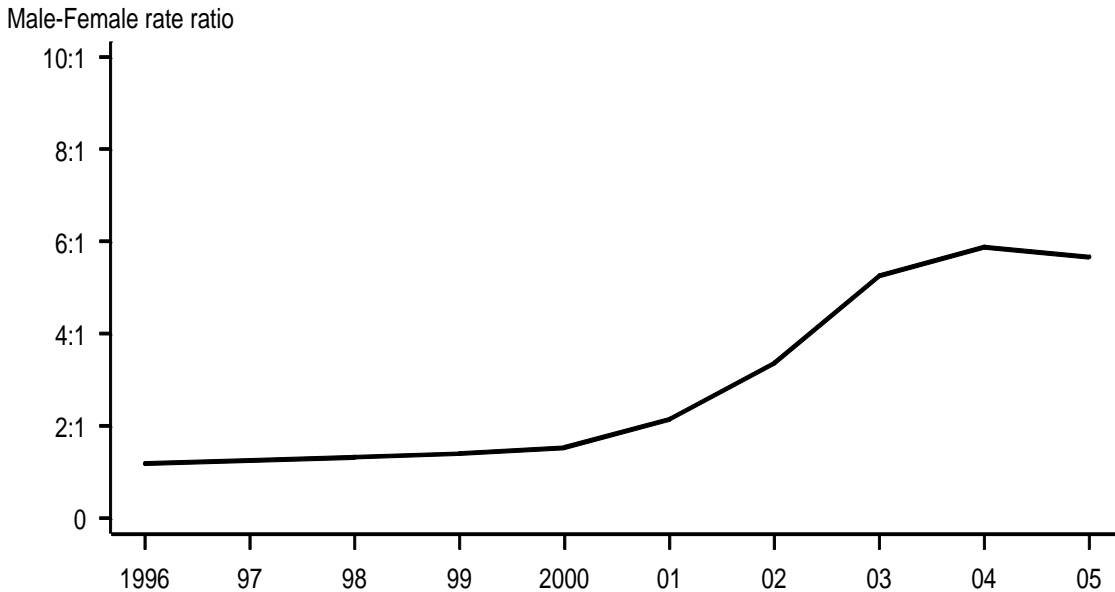


Figure 5. Congenital syphilis (CS) — Reported cases for infants <1 year of age and rates of primary and secondary syphilis among women: United States, 1996–2005

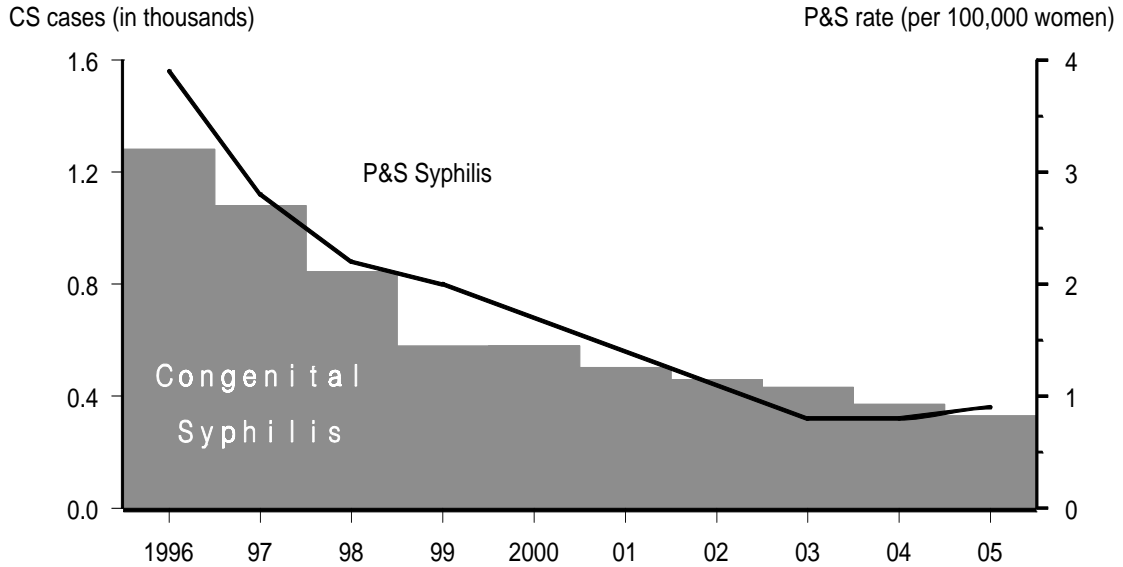
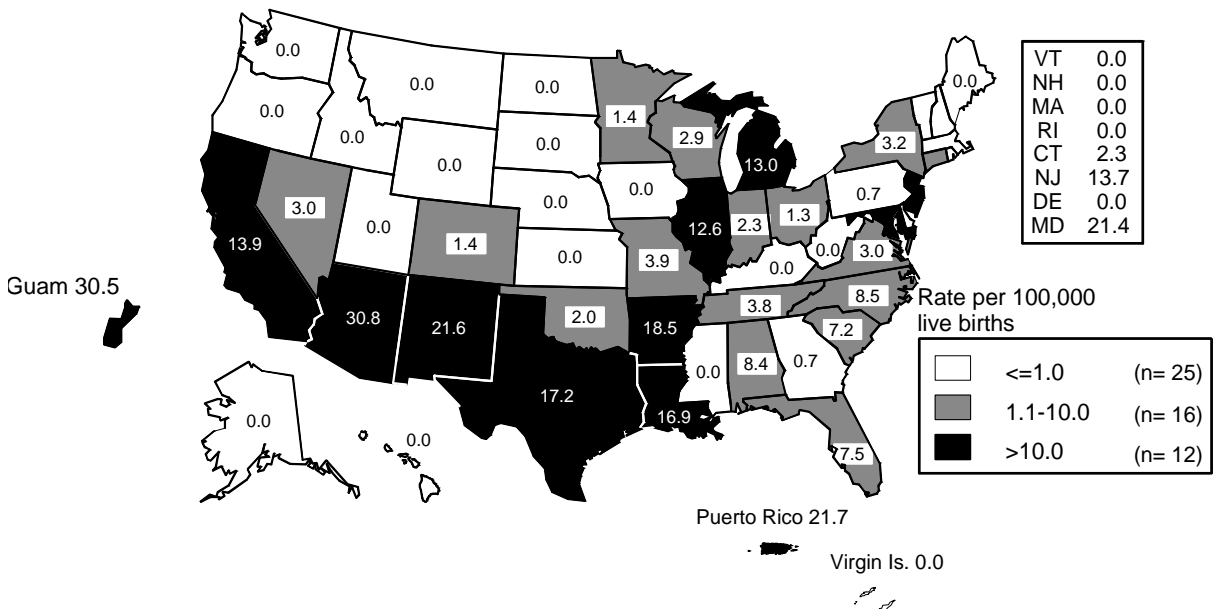


Figure 6. Congenital syphilis — Rates for infants < 1 year of age by state: United States and outlying areas, 2005



Note: The total rate of congenital syphilis for infants < 1 year of age for the United States and outlying areas (Guam, Puerto Rico and Virgin Islands) was 8.2 per 100,000 live births. The Healthy People 2010 target is 1.0 case per 100,000 live births.

Figure 7. Primary and secondary syphilis — Rates by race/ethnicity: United States, 1996–2005

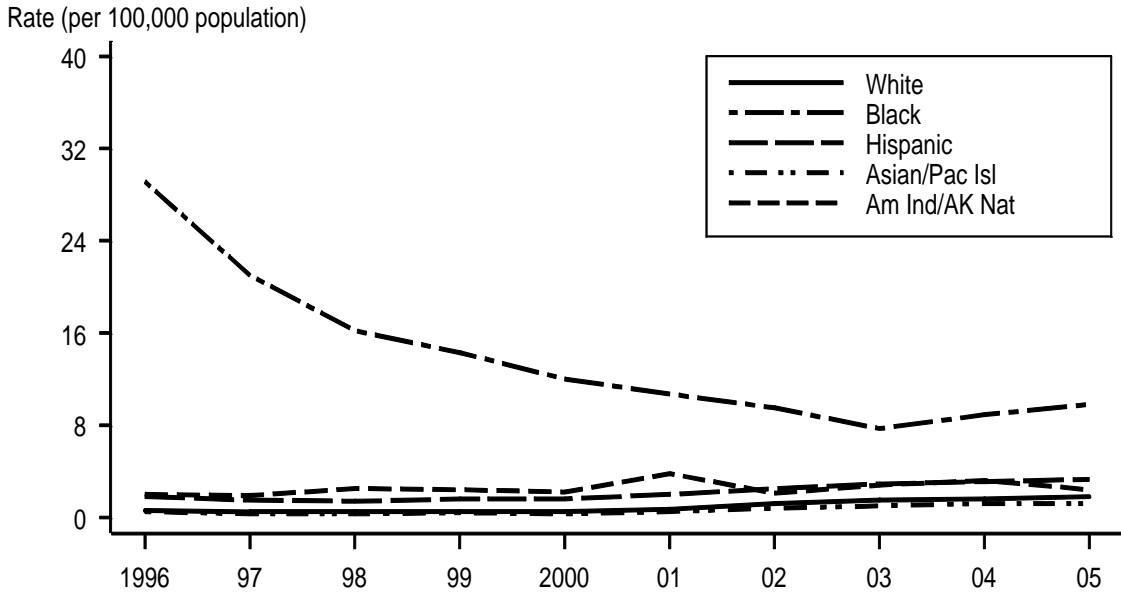


Figure 8. Primary and secondary syphilis — Rates by race/ethnicity and sex: United States, 2005

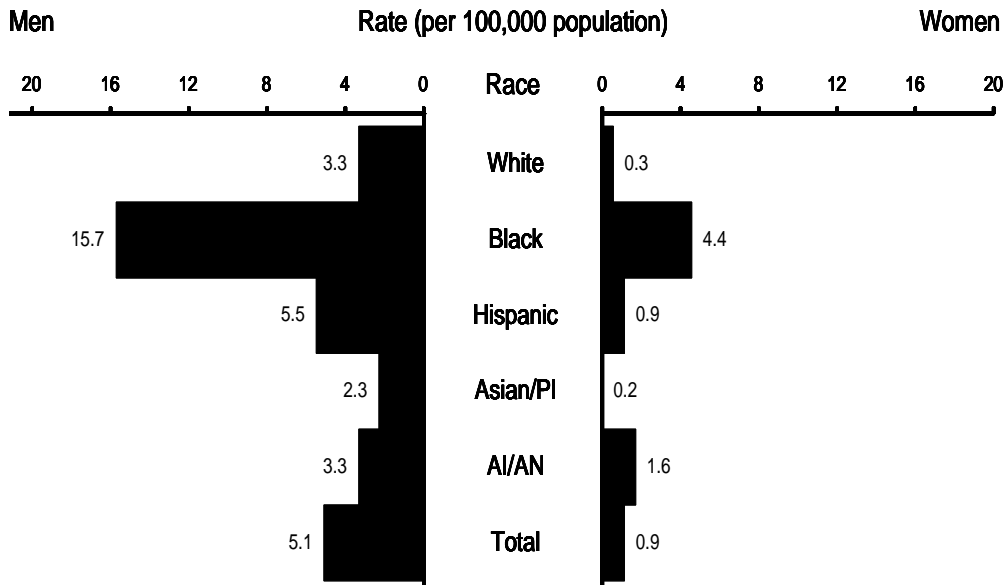
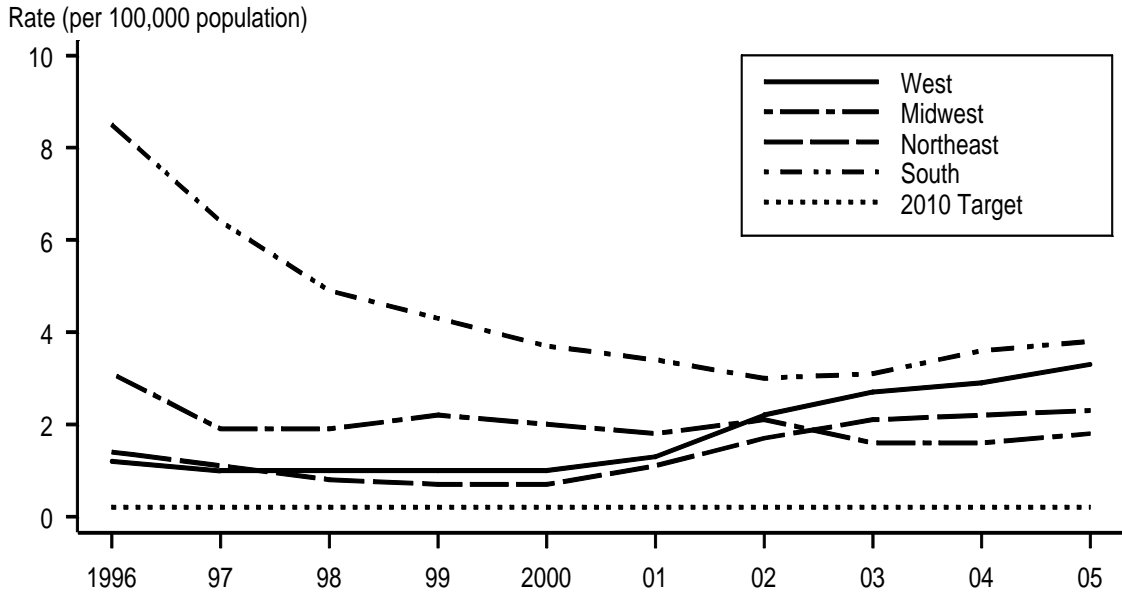
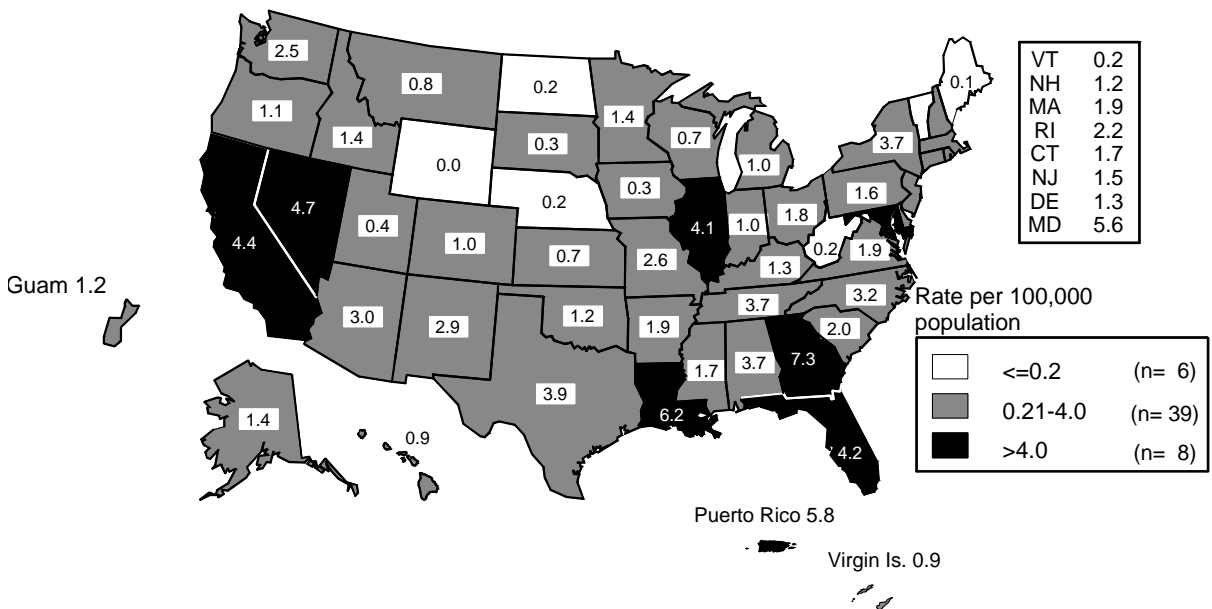


Figure 9. Primary and secondary syphilis — Rates by region: United States, 1996–2005 and the Healthy People 2010 target



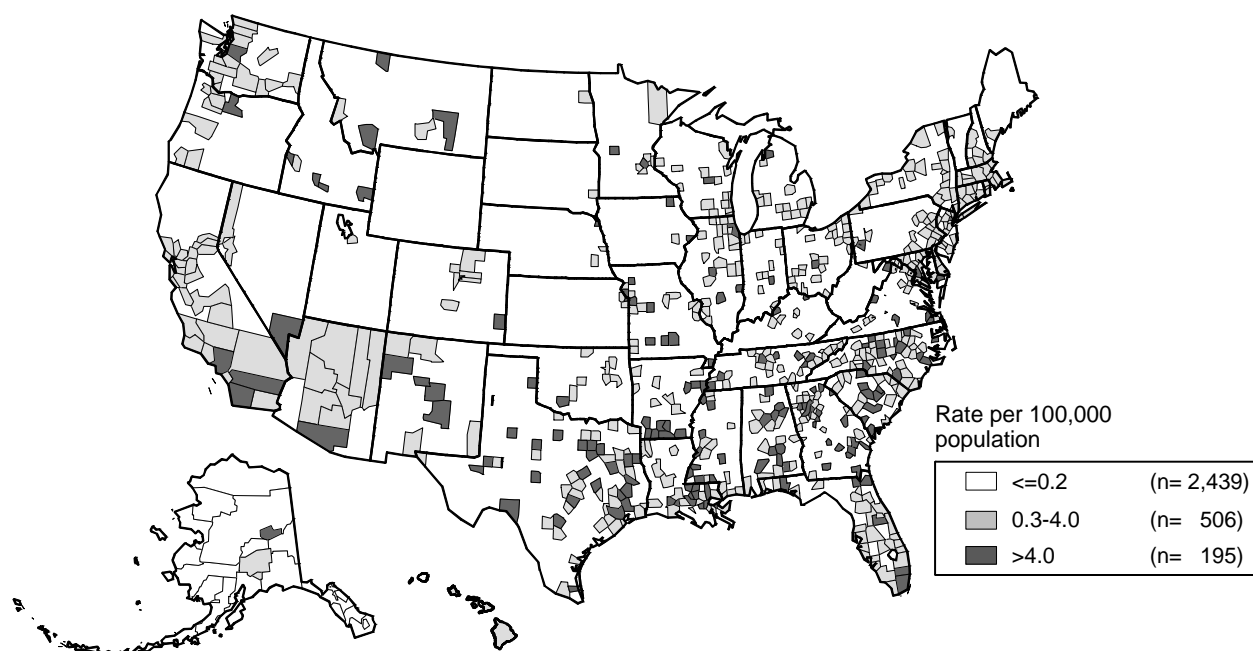
Note: The Healthy People 2010 target for P&S syphilis is 0.2 case per 100,000 population.

Figure 10. Primary and secondary syphilis — Rates by state: United States and outlying areas, 2005



Note: The total rate of P&S syphilis for the United States and outlying areas (Guam, Puerto Rico and Virgin Islands) was 3.0 per 100,000 population. The Healthy People 2010 target is 0.2 case per 100,000 population.

Figure 11. Primary and secondary syphilis — Rates by county: United States, 2005



Note: The Healthy People 2010 target for P&S syphilis is 0.2 case per 100,000 population. In 2005, 2,434 (77.5%) of 3,140 counties in the U.S. reported no cases of P&S syphilis.

Table 1. Primary and secondary syphilis — Reported cases and rates* among men and women and male-to-female rate ratios in the counties and independent cities ranked in the top 30 for cases in 2005: United States, 2004–2005

<i>Cities</i>	<i>Males</i>				<i>Females</i>				<i>Male-to-Female Rate Ratios</i>	
	<i>2004</i>		<i>2005</i>		<i>2004</i>		<i>2005</i>		<i>2004</i>	<i>2005</i>
	<i>Cases</i>	<i>Rates</i>	<i>Cases</i>	<i>Rates</i>	<i>Cases</i>	<i>Rates</i>	<i>Cases</i>	<i>Rates</i>		
Jefferson County, AL	20	6.4	61	19.6	11	3.2	34	9.8	2.0	2.0
Maricopa County, AZ	81	4.6	87	4.9	25	1.4	22	1.3	3.3	3.8
Los Angeles County, CA	469	9.5	650	13.2	37	0.7	59	1.2	13.6	11.0
Orange County, CA	42	2.8	93	6.2	3	0.2	4	0.3	14.0	20.7
Riverside County, CA	81	8.7	99	10.6	1	0.1	7	0.7	87.0	15.1
San Diego County, CA	128	8.7	169	11.5	10	0.7	25	1.7	12.4	6.8
San Francisco County, CA	344	91.0	246	65.1	0	0.0	3	0.8	183.0	81.4
Washington, DC	65	43.7	103	64.5	4	2.6	11	6.2	17.7	10.4
Broward County, FL	170	20.0	180	21.1	13	1.4	16	1.8	14.3	11.7
Dade County, FL	186	16.3	143	12.5	27	2.2	25	2.0	7.4	6.3
Orange County, FL	56	11.4	84	17.1	10	2.0	14	2.8	5.7	6.1
De Kalb County, GA	110	33.4	174	52.9	7	2.0	3	0.9	16.7	58.8
Fulton County, GA	260	64.5	269	66.7	23	5.6	24	5.8	11.5	11.5
Cook County, IL	290	11.2	418	16.2	50	1.8	44	1.6	6.2	10.1
East Baton Rouge County, LA	76	38.4	55	27.8	48	22.4	53	24.7	1.7	1.1
Orleans County, LA	58	26.8	50	23.1	19	7.7	18	7.3	3.5	3.2
Baltimore (City), MD	154	51.9	121	40.8	55	16.2	74	21.8	3.2	1.9
Clark County, NV	30	3.6	82	9.8	8	1.0	21	2.6	3.6	3.8
Kings County, NY	124	10.6	174	14.9	10	0.8	8	0.6	13.3	24.8
New York County, NY	321	43.2	268	36.1	7	0.9	9	1.1	48.0	32.8
Queens County, NY	88	8.1	81	7.5	1	0.1	2	0.2	81.0	37.5
Mecklenburg County, NC	30	7.9	69	18.1	10	2.6	16	4.1	3.0	4.4
Franklin County, OH	77	14.5	81	15.2	28	5.0	22	4.0	2.9	3.8
Philadelphia County, PA	63	9.2	80	11.7	9	1.1	6	0.8	8.4	14.6
Shelby County, TN	61	14.0	83	19.1	26	5.5	47	9.9	2.5	1.9
Bexar County, TX	89	12.2	93	12.8	18	2.4	34	4.4	5.1	2.9
Dallas County, TX	134	11.6	128	11.1	50	4.4	44	3.9	2.6	2.8
Harris County, TX	178	9.8	202	11.1	33	1.8	50	2.7	5.4	4.1
Tarrant County, TX	54	6.8	61	7.7	12	1.5	43	5.4	4.5	1.4
King County, WA	118	13.3	116	13.1	5	0.6	3	0.3	22.2	43.7

*Cases per 100,000 population

Counties and independent cities are listed alphabetically by state.

Note: For calculating male-to-female rate ratios in instances of 0.0 rates among women, 0.5 was added to both the male and female rates, before dividing the male rate by the female rate.

Table 2. Syphilis — Positivity among men and women in adult corrections facilities, 2005

State	Men			Women		
	No. of Sites	No. of Tests	Median % Reactive (Range)	No. of Sites	No. of Tests	Median % Reactive (Range)
California*	6	997	4.5 (2.0-6.7)	2	323	4.3 (3.4-5.2)
Illinois	1	65,421	1.0	1	10,671	3.3
Maryland	1	13,606	2.7	1	4,455	8.9
Massachusetts	1	3,609	0.8	1	522	1.3
Mississippi	6	1,963	7.3 (4.6-9.5)	0	-	-
North Carolina	5	3,318	2.6 (1.3-4.8)	5	1,085	8.6 (6.3-12.6)
New Jersey	1	11,431	2.8	1	2,178	3.0
New York**	0	-	-	1	10,974	2.6
Ohio	1	29,428	8.5	1	5,431	1.8
Pennsylvania	0	-	-	1	4,422	10.9
Tennessee	3	14,062	2.0 (1.9-5.5)	3	6,560	3.6 (2.8-12.5)
Texas	6	60,447	2.5 (0.9-3.5)	5	17,102	6.3 (3.1-6.6)
Wisconsin	1	1,141	0.4	1	588	1.2
TOTAL	32	205,423	3.7 (0.4-9.5)	23	64,311	5.2 (1.2-12.6)

Note: The median positivity by facility is presented from facilities reporting > 100 test results.

*Includes San Francisco project area only.

**New York data are for confirmatory results.

Table 3. Primary and secondary syphilis — Reported cases by sex and reporting source: United States, 1999-2005

Year	Male				Female				Total			
	Non-STD Source		STD Source		Non-STD Source		STD Source		Non-STD Source		STD Source	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
1999	1,610	42	2,224	58	1,352	49	1,425	51	2,964	45	3,652	55
2000	1,565	44	1,967	56	1,193	49	1,252	51	2,758	46	3,221	54
2001	2,099	51	2,035	49	1,025	52	942	48	3,125	51	2,978	49
2002	3,132	59	2,135	41	869	55	725	45	4,001	58	2,861	42
2003	3,979	67	1,886	32	741	61	444	36	4,722	66	2,331	32
2004	4,374	65	2,244	33	762	61	477	38	5,137	64	2,722	34
2005	5,031	68	2,222	30	853	64	463	35	5,885	67	2,686	31

*The sum of male and female cases may not equal total cases because of some male or female cases with missing information for reporting source. Sex was not identified for < 1% of P&S syphilis cases during 1999-2005.

STATE PROFILES

Alabama, 2005

Primary and secondary syphilis

- **CASES:** Alabama reported 169 cases in 2005.
- **RATES:** Alabama ranked 13 among 50 states + DC + 3 territories: 3.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Alabama, the rate among males was 4.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 3.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

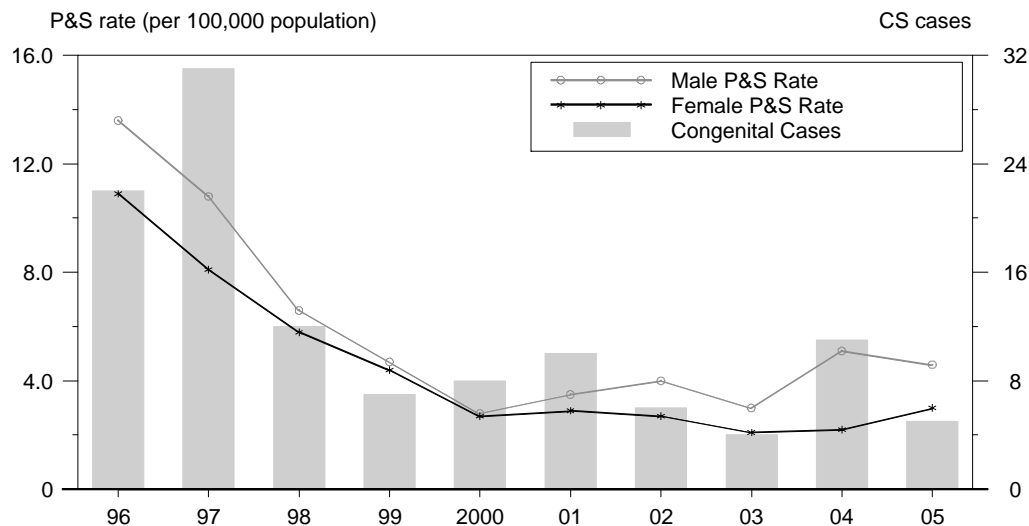
In Alabama, the race/ethnicity adjusted rates per 100,000 population were 1.1 among whites, 11.0 among blacks, 0.0 among Hispanics, 2.5 among Asian/Pacific Islanders, and 4.1 among American Indians/Alaska Natives.

- The rate among blacks was 10 times that of whites.
- The rate among Asian/Pacific Islanders was 2.3 times that of whites.
- The rate among American Indians/Alaska Natives was 3.7 times that of whites.

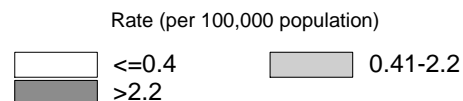
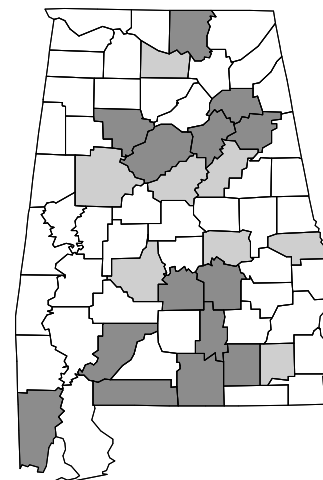
Congenital syphilis

- **CASES:** Alabama reported 5 cases in 2005.
- **RATES:** Alabama ranked 14 among 28 states + 2 territories reporting at least one congenital syphilis case: 8.4 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Alabama, 1996-2005



Total P&S Syphilis Rates by County, Alabama, 2005



Alaska, 2005

Primary and secondary syphilis

- **CASES:** Alaska reported 9 cases in 2005.
- **RATES:** Alaska ranked 31 among 50 states + DC + 3 territories: 1.4 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Alaska, the rate among males was 2.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.3 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

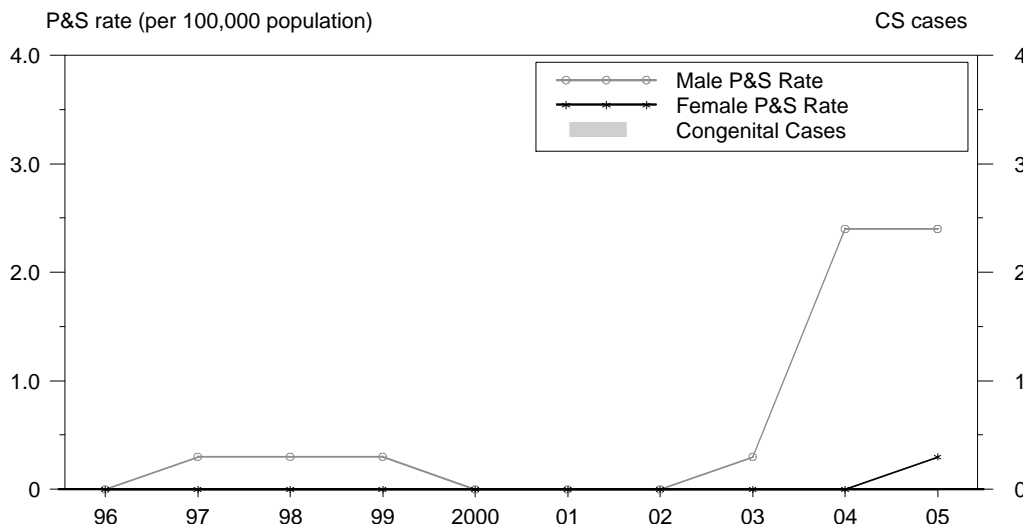
In Alaska, the race/ethnicity adjusted rates per 100,000 population were 1.3 among whites, 7.7 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.9 among American Indians/Alaska Natives.

- The rate among blacks was 5.9 times that of whites.

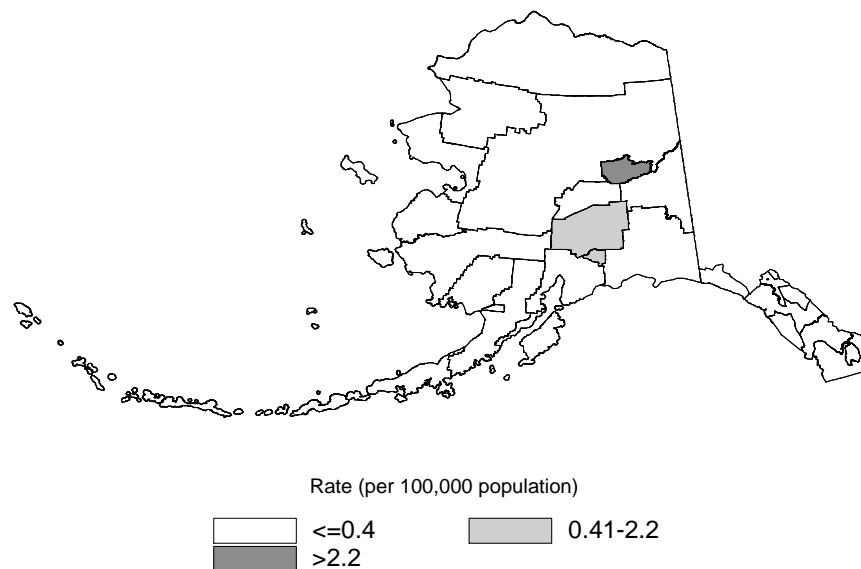
Congenital syphilis

- **CASES:** Alaska reported 0 cases in 2005.
- **RATES:** Alaska had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Alaska, 1996-2005



Total P&S Syphilis Rates by County, Alaska, 2005



Arizona, 2005

Primary and secondary syphilis

- **CASES:** Arizona reported 175 cases in 2005.
- **RATES:** Arizona ranked 15 among 50 states + DC + 3 territories: 3.0 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Arizona, the rate among males was 4.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.7 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

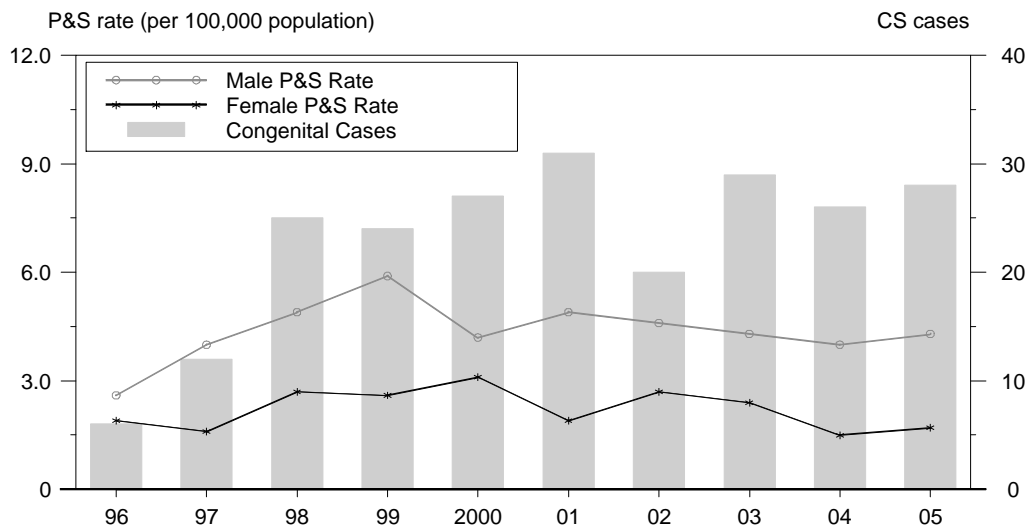
In Arizona, the race/ethnicity adjusted rates per 100,000 population were 1.7 among whites, 9.8 among blacks, 4.8 among Hispanics, 2.3 among Asian/Pacific Islanders, and 5.3 among American Indians/Alaska Natives.

- The rate among blacks was 5.8 times that of whites.
- The rate among Hispanics was 2.8 times that of whites.
- The rate among Asian/Pacific Islanders was 1.4 times that of whites.
- The rate among American Indians/Alaska Natives was 3.1 times that of whites.

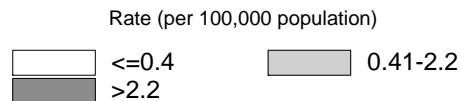
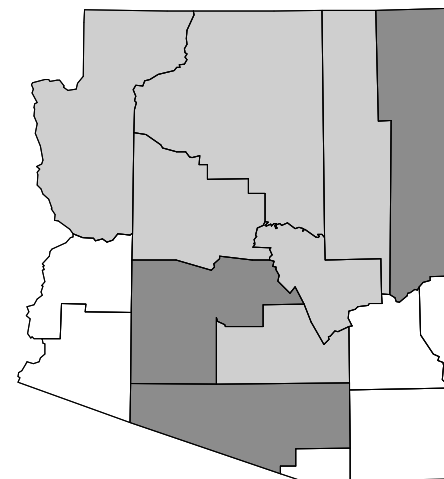
Congenital syphilis

- **CASES:** Arizona reported 28 cases in 2005.
- **RATES:** Arizona ranked 1 among 28 states + 2 territories reporting at least one congenital syphilis case: 30.8 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Arizona, 1996-2005



Total P&S Syphilis Rates by County, Arizona, 2005



Arkansas, 2005

Primary and secondary syphilis

- **CASES:** Arkansas reported 52 cases in 2005.
- **RATES:** Arkansas ranked 23 among 50 states + DC + 3 territories: 1.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Arkansas, the rate among males was 2.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.5 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

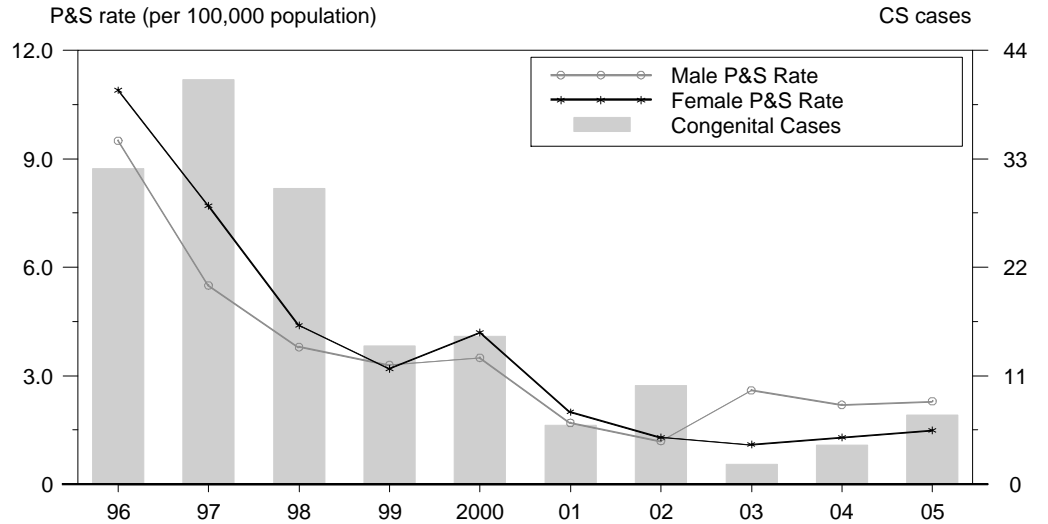
In Arkansas, the race/ethnicity adjusted rates per 100,000 population were 0.5 among whites, 8.2 among blacks, 1.7 among Hispanics, 10.4 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 16.4 times that of whites.
- The rate among Hispanics was 3.4 times that of whites.
- The rate among Asian/Pacific Islanders was 20.8 times that of whites.

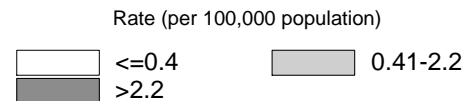
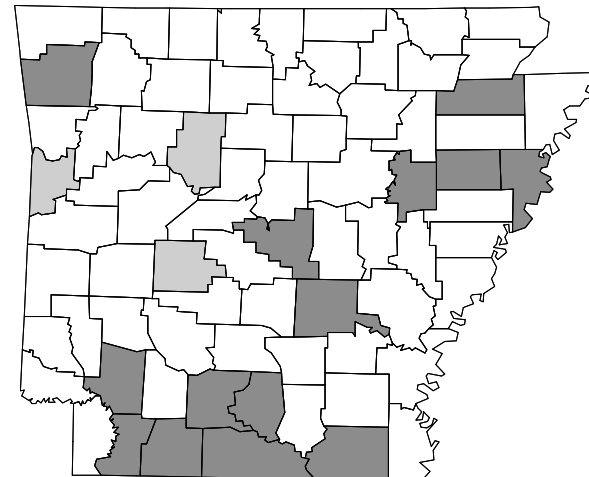
Congenital syphilis

- **CASES:** Arkansas reported 7 cases in 2005.
- **RATES:** Arkansas ranked 6 among 28 states + 2 territories reporting at least one congenital syphilis case: 18.5 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Arkansas, 1996-2005



Total P&S Syphilis Rates by County, Arkansas, 2005



California, 2005

Primary and secondary syphilis

- **CASES:** California reported 1,585 cases in 2005.
- **RATES:** California ranked 7 among 50 states + DC + 3 territories: 4.4 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In California, the rate among males was 8.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.7 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

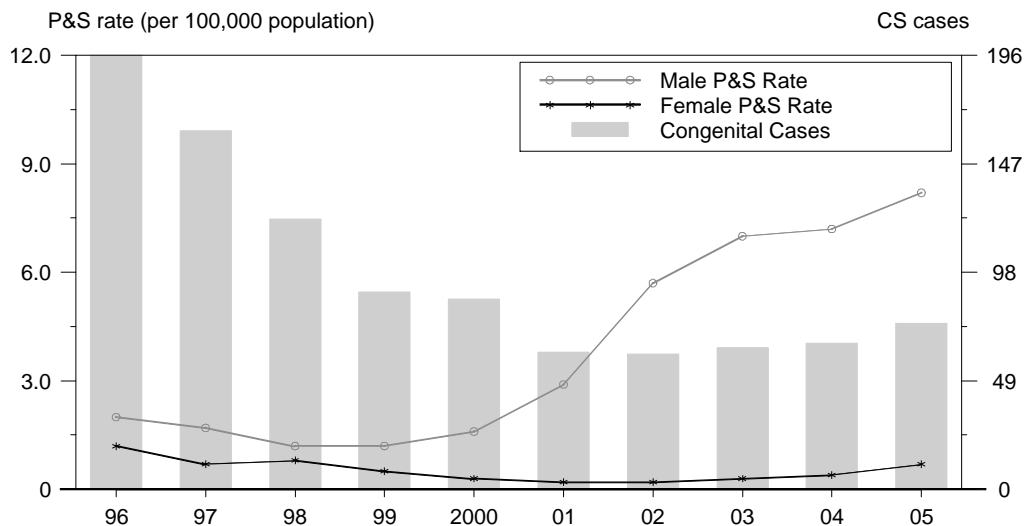
In California, the race/ethnicity adjusted rates per 100,000 population were 5.0 among whites, 8.2 among blacks, 3.9 among Hispanics, 1.6 among Asian/Pacific Islanders, and 2.6 among American Indians/Alaska Natives.

- The rate among blacks was 1.6 times that of whites.

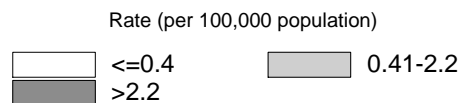
Congenital syphilis

- **CASES:** California reported 75 cases in 2005.
- **RATES:** California ranked 9 among 28 states + 2 territories reporting at least one congenital syphilis case: 13.9 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, California, 1996-2005



Total P&S Syphilis Rates by County, California, 2005



Colorado, 2005

Primary and secondary syphilis

- **CASES:** Colorado reported 46 cases in 2005.
- **RATES:** Colorado ranked 40 among 50 states + DC + 3 territories: 1.0 case per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Colorado, the rate among males was 1.9 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

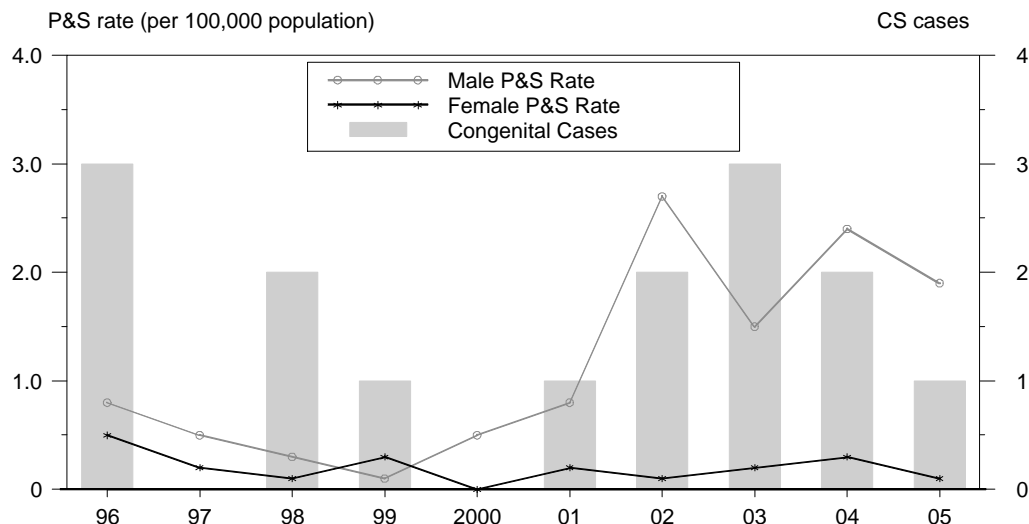
In Colorado, the race/ethnicity adjusted rates per 100,000 population were 0.8 among whites, 2.6 among blacks, 1.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 2.7 among American Indians/Alaska Natives.

- The rate among blacks was 3.3 times that of whites.
- The rate among Hispanics was 1.6 times that of whites.
- The rate among American Indians/Alaska Natives was 3.4 times that of whites.

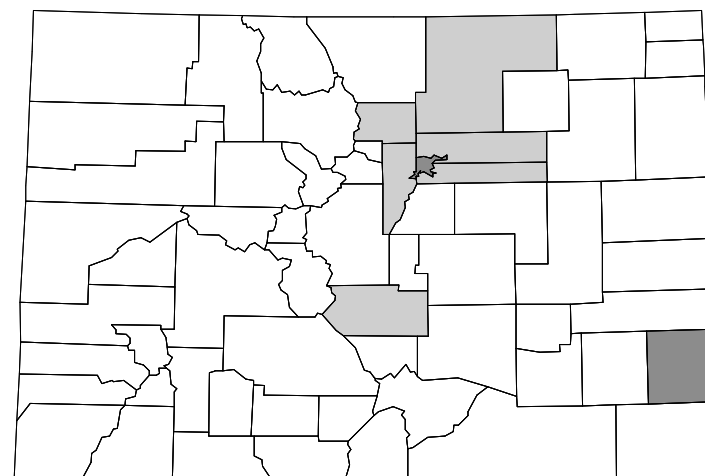
Congenital syphilis

- **CASES:** Colorado reported 1 case in 2005.
- **RATES:** Colorado ranked 26 among 28 states + 2 territories reporting at least one congenital syphilis case: 1.4 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Colorado, 1996-2005



Total P&S Syphilis Rates by County, Colorado, 2005



Rate (per 100,000 population)



Connecticut, 2005

Primary and secondary syphilis

- **CASES:** Connecticut reported 58 cases in 2005.
- **RATES:** Connecticut ranked 25 among 50 states + DC + 3 territories: 1.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Connecticut, the rate among males was 3.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

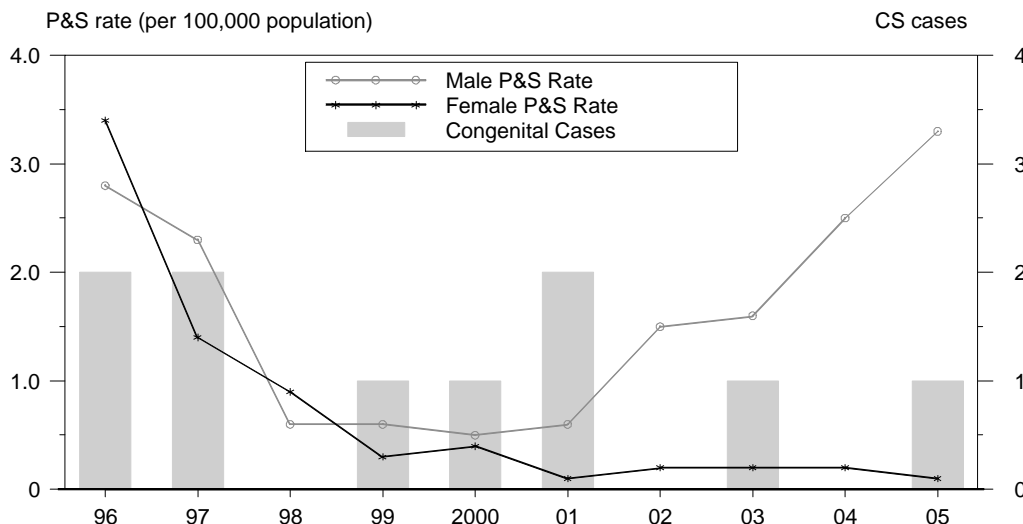
In Connecticut, the race/ethnicity adjusted rates per 100,000 population were 0.9 among whites, 7.5 among blacks, 2.2 among Hispanics, 0.9 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 8.3 times that of whites.
- The rate among Hispanics was 2.4 times that of whites.

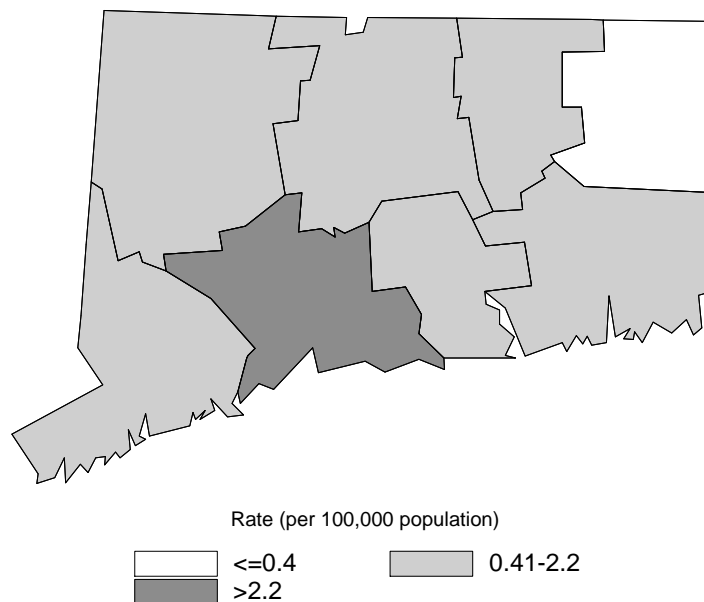
Congenital syphilis

- **CASES:** Connecticut reported 1 case in 2005.
- **RATES:** Connecticut ranked 24 among 28 states + 2 territories reporting at least one congenital syphilis case: 2.3 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Connecticut, 1996-2005



Total P&S Syphilis Rates by County, Connecticut, 2005



Delaware, 2005

Primary and secondary syphilis

- **CASES:** Delaware reported 11 cases in 2005.
- **RATES:** Delaware ranked 33 among 50 states + DC + 3 territories: 1.3 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Delaware, the rate among males was 2.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.5 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

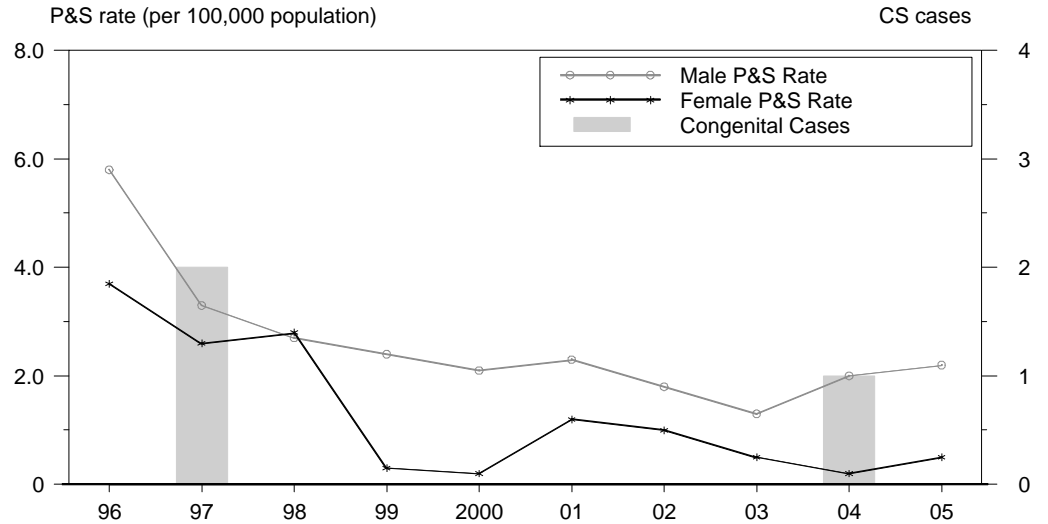
In Delaware, the race/ethnicity adjusted rates per 100,000 population were 0.5 among whites, 3.5 among blacks, 4.2 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 7 times that of whites.
- The rate among Hispanics was 8.4 times that of whites.

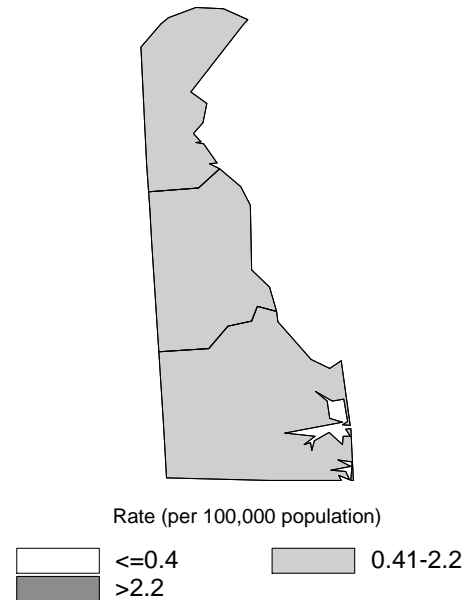
Congenital syphilis

- **CASES:** Delaware reported 0 cases in 2005.
- **RATES:** Delaware had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Delaware, 1996-2005



Total P&S Syphilis Rates by County, Delaware, 2005



District of Columbia, 2005

Primary and secondary syphilis

- **CASES:** District of Columbia reported 114 cases in 2005.
- **RATES:** District of Columbia ranked 1 among 50 states + DC + 3 territories: 20.6 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In District of Columbia, the rate among males was 39.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 3.8 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

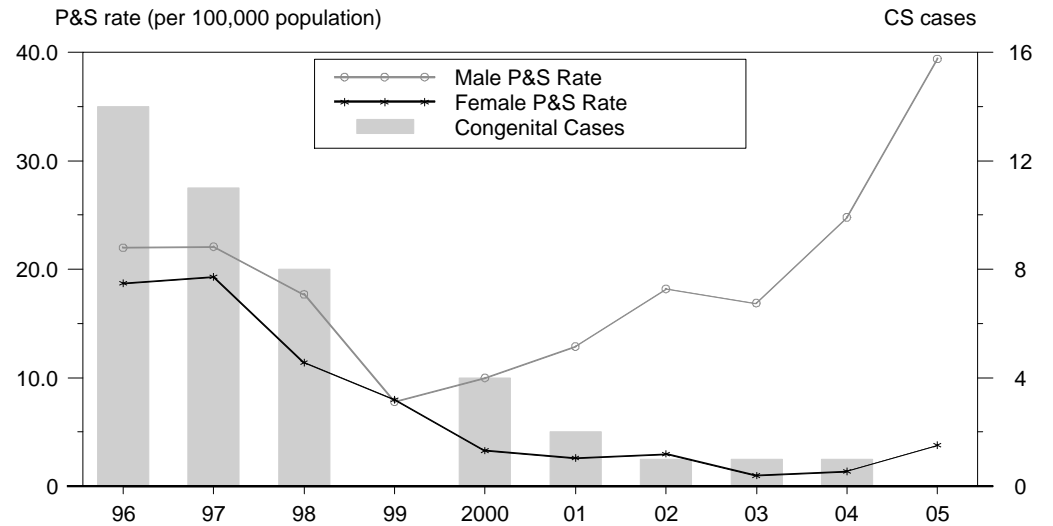
Racial disparities of primary and secondary syphilis

In District of Columbia, the race/ethnicity adjusted rates per 100,000 population were 23.0 among whites, 21.4 among blacks, 8.5 among Hispanics, 16.9 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

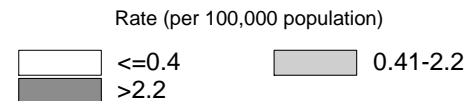
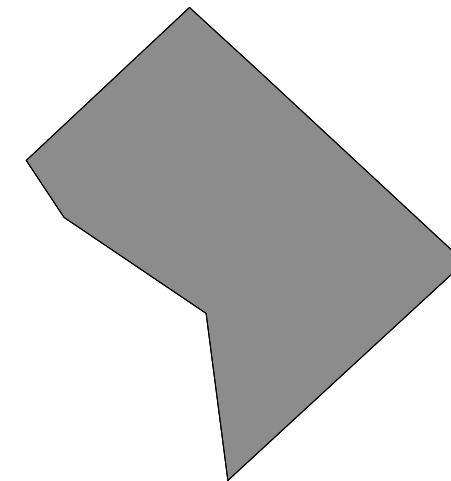
Congenital syphilis

- **CASES:** District of Columbia reported 0 cases in 2005.
- **RATES:** District of Columbia had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, District of Columbia, 1996-2005



Total P&S Syphilis Rate, District of Columbia, 2005



Florida, 2005

Primary and secondary syphilis

- **CASES:** Florida reported 724 cases in 2005.
- **RATES:** Florida ranked 8 among 50 states + DC + 3 territories: 4.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Florida, the rate among males was 7.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

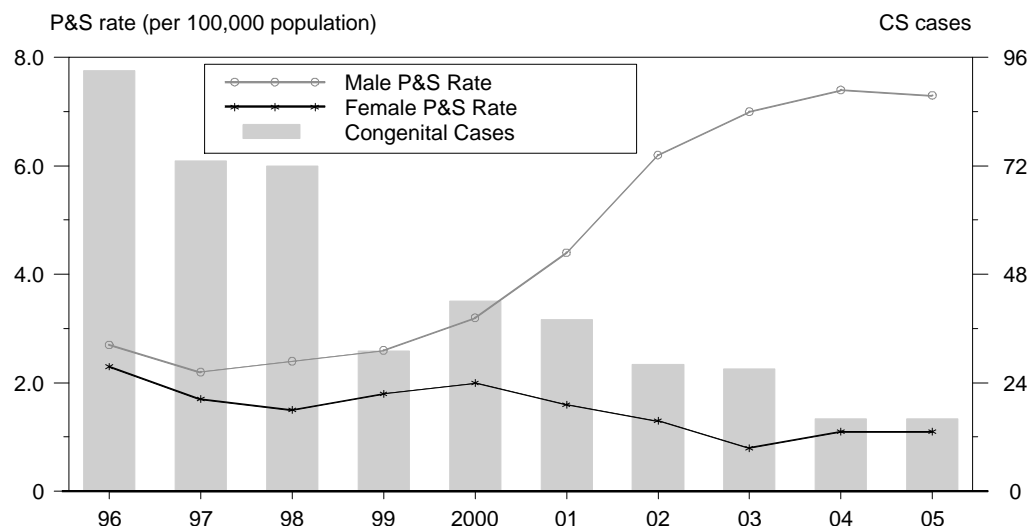
In Florida, the race/ethnicity adjusted rates per 100,000 population were 2.9 among whites, 10.7 among blacks, 3.6 among Hispanics, 1.1 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 3.7 times that of whites.
- The rate among Hispanics was 1.2 times that of whites.

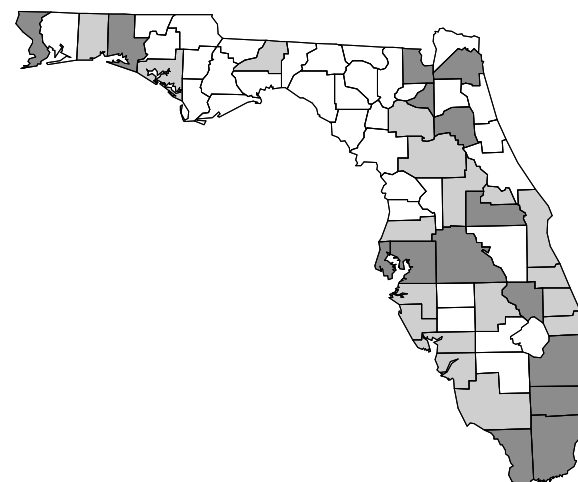
Congenital syphilis

- **CASES:** Florida reported 16 cases in 2005.
- **RATES:** Florida ranked 15 among 28 states + 2 territories reporting at least one congenital syphilis case: 7.5 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Florida, 1996-2005



Total P&S Syphilis Rates by County, Florida, 2005



Rate (per 100,000 population)



Georgia, 2005

Primary and secondary syphilis

- **CASES:** Georgia reported 645 cases in 2005.
- **RATES:** Georgia ranked 2 among 50 states + DC + 3 territories: 7.3 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Georgia, the rate among males was 13.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

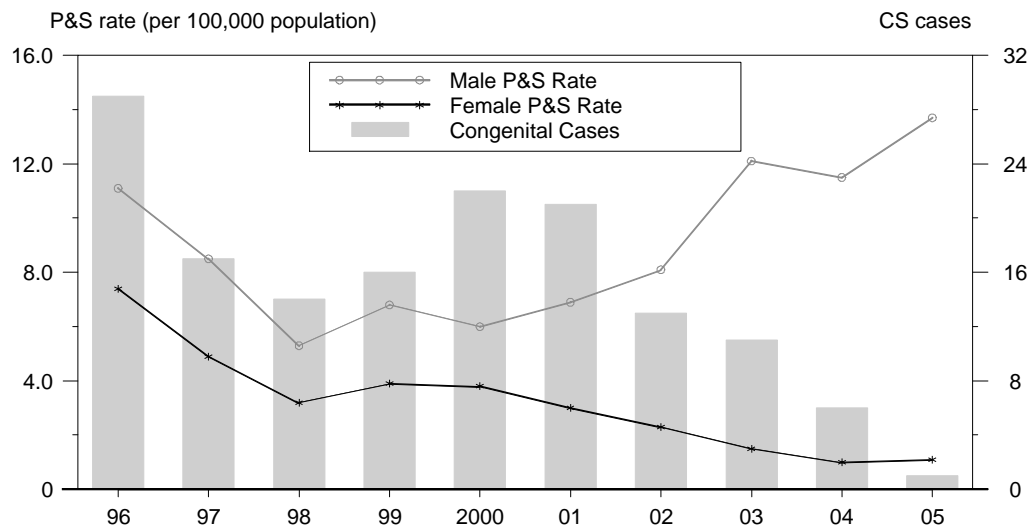
In Georgia, the race/ethnicity adjusted rates per 100,000 population were 3.7 among whites, 16.0 among blacks, 4.2 among Hispanics, 1.7 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 4.3 times that of whites.
- The rate among Hispanics was 1.1 times that of whites.

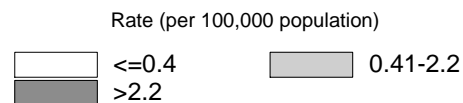
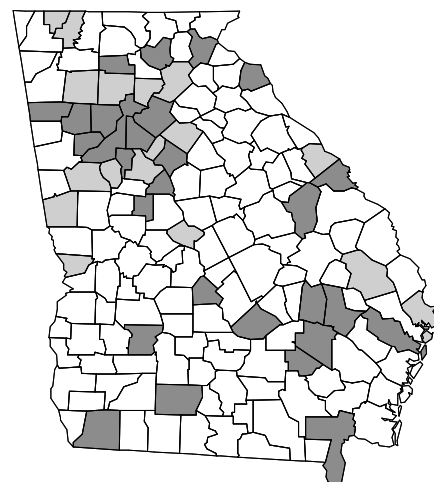
Congenital syphilis

- **CASES:** Georgia reported 1 case in 2005.
- **RATES:** Georgia ranked 29 among 28 states + 2 territories reporting at least one congenital syphilis case: 0.7 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Georgia, 1996-2005



Total P&S Syphilis Rates by County, Georgia, 2005



Hawaii, 2005

Primary and secondary syphilis

- **CASES:** Hawaii reported 11 cases in 2005.
- **RATES:** Hawaii ranked 41 among 50 states + DC + 3 territories: 0.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Hawaii, the rate among males was 1.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

In Hawaii, the race/ethnicity adjusted rates per 100,000 population were 2.1 among whites, 3.0 among blacks, 0.0 among Hispanics, 0.4 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 1.4 times that of whites.

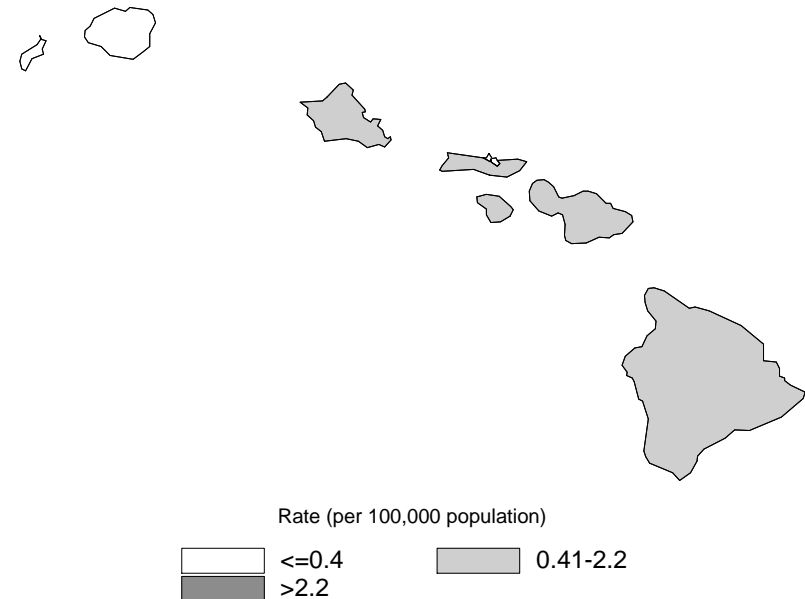
Congenital syphilis

- **CASES:** Hawaii reported 0 cases in 2005.
- **RATES:** Hawaii had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Hawaii, 1996-2005



Total P&S Syphilis Rates by County, Hawaii, 2005



Idaho, 2005

Primary and secondary syphilis

- **CASES:** Idaho reported 20 cases in 2005.
- **RATES:** Idaho ranked 30 among 50 states + DC + 3 territories: 1.4 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Idaho, the rate among males was 2.0 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.9 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

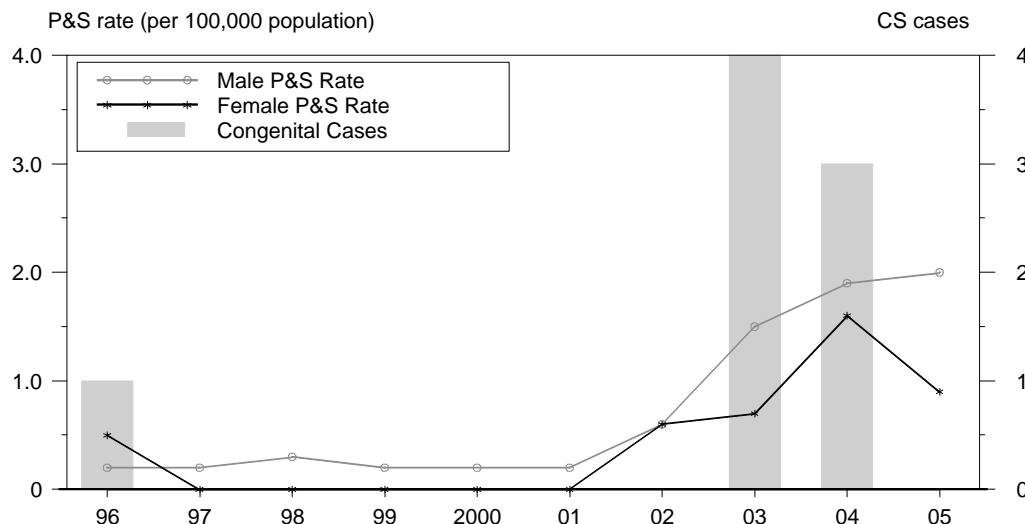
In Idaho, the race/ethnicity adjusted rates per 100,000 population were 0.3 among whites, 0.0 among blacks, 12.9 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among Hispanics was 43 times that of whites.

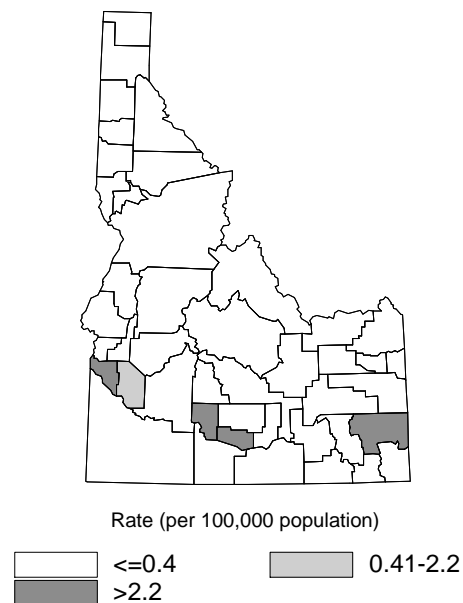
Congenital syphilis

- **CASES:** Idaho reported 0 cases in 2005.
- **RATES:** Idaho had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Idaho, 1996-2005



Total P&S Syphilis Rates by County, Idaho, 2005



Illinois, 2005

Primary and secondary syphilis

- **CASES:** Illinois reported 525 cases in 2005.
- **RATES:** Illinois ranked 9 among 50 states + DC + 3 territories: 4.1 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Illinois, the rate among males was 7.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.7 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

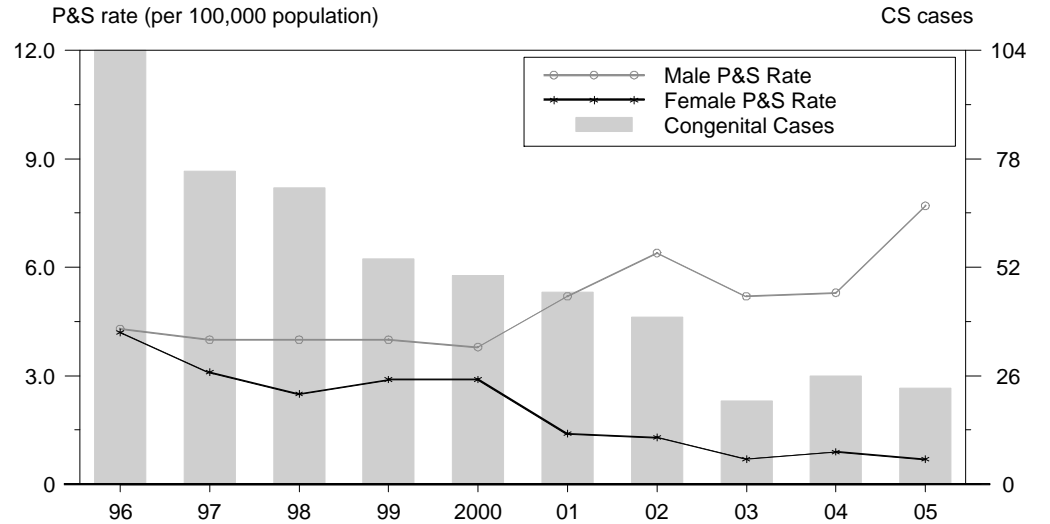
In Illinois, the race/ethnicity adjusted rates per 100,000 population were 2.9 among whites, 11.2 among blacks, 3.3 among Hispanics, 1.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 3.9 times that of whites.
- The rate among Hispanics was 1.1 times that of whites.

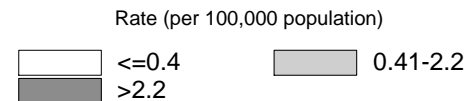
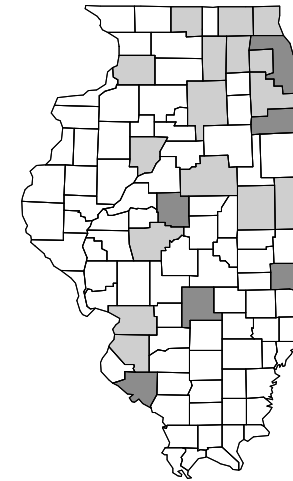
Congenital syphilis

- **CASES:** Illinois reported 23 cases in 2005.
- **RATES:** Illinois ranked 12 among 28 states + 2 territories reporting at least one congenital syphilis case: 12.6 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Illinois, 1996-2005



Total P&S Syphilis Rates by County, Illinois, 2005



Indiana, 2005

Primary and secondary syphilis

- **CASES:** Indiana reported 62 cases in 2005.
- **RATES:** Indiana ranked 39 among 50 states + DC + 3 territories: 1.0 case per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Indiana, the rate among males was 1.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.3 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

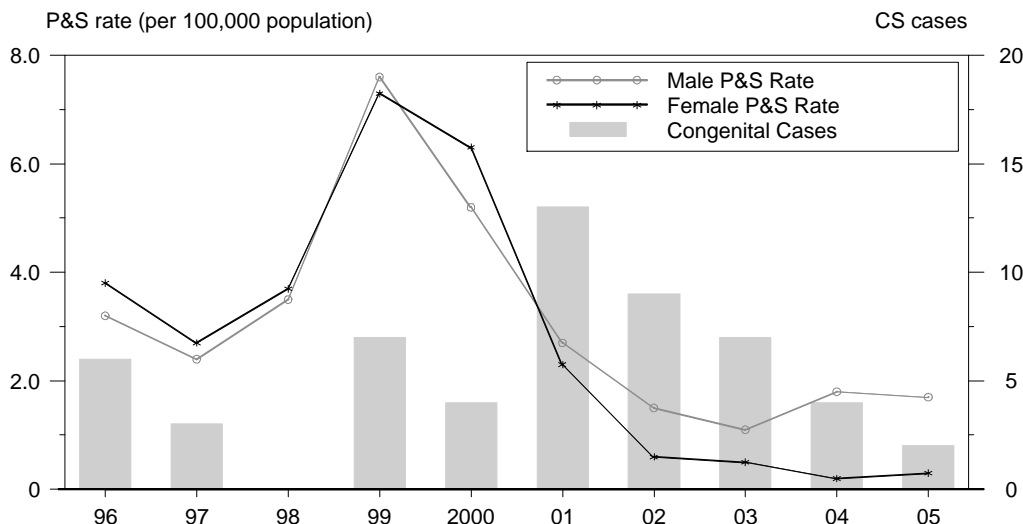
In Indiana, the race/ethnicity adjusted rates per 100,000 population were 0.6 among whites, 5.0 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 8.3 times that of whites.

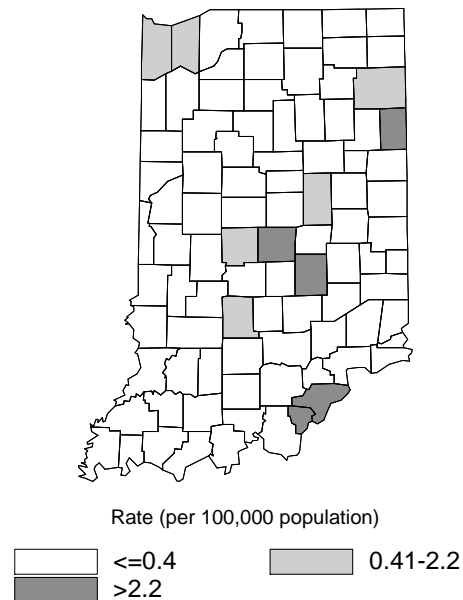
Congenital syphilis

- **CASES:** Indiana reported 2 cases in 2005.
- **RATES:** Indiana ranked 23 among 28 states + 2 territories reporting at least one congenital syphilis case: 2.3 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Indiana, 1996-2005



Total P&S Syphilis Rates by County, Indiana, 2005



Iowa, 2005

Primary and secondary syphilis

- **CASES:** Iowa reported 9 cases in 2005.
- **RATES:** Iowa ranked 47 among 50 states + DC + 3 territories: 0.3 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Iowa, the rate among males was 0.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

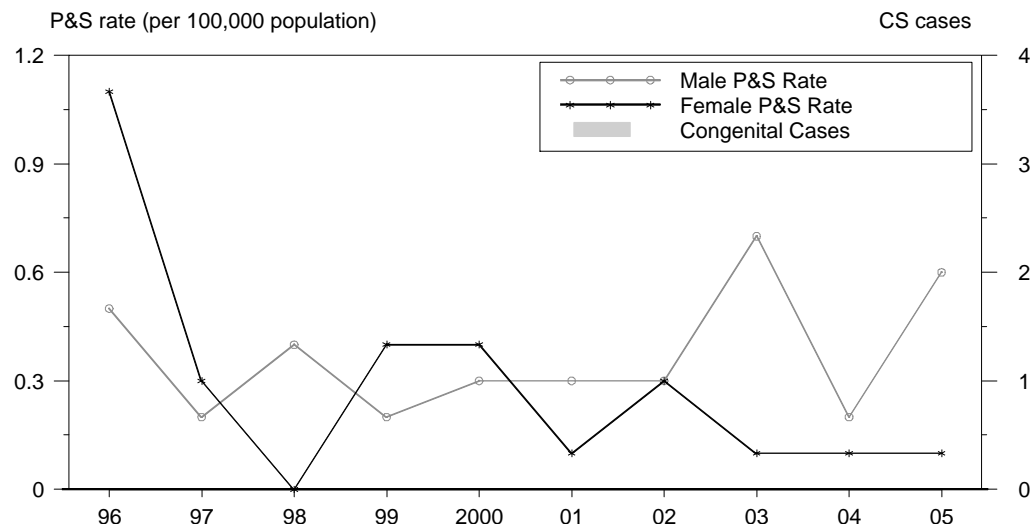
In Iowa, the race/ethnicity adjusted rates per 100,000 population were 0.2 among whites, 4.1 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 20.5 times that of whites.

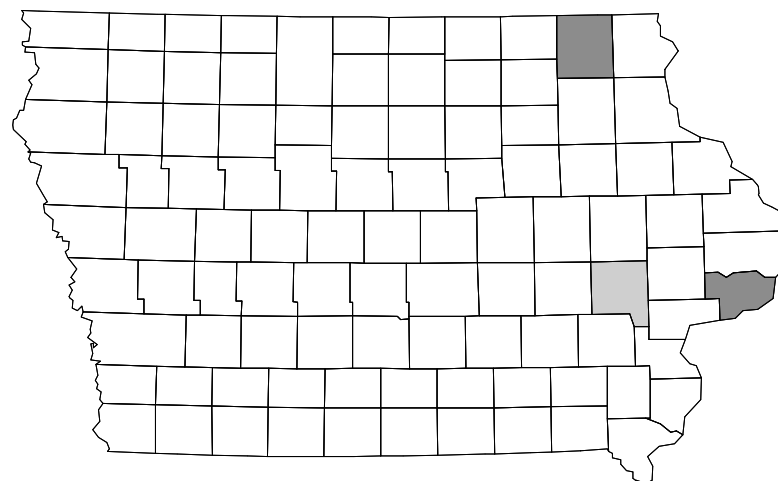
Congenital syphilis

- **CASES:** Iowa reported 0 cases in 2005.
- **RATES:** Iowa had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

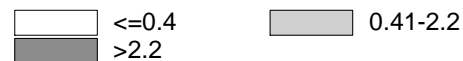
Syphilis: P&S Rates and Congenital Cases, Iowa, 1996-2005



Total P&S Syphilis Rates by County, Iowa, 2005



Rate (per 100,000 population)



Kansas, 2005

Primary and secondary syphilis

- **CASES:** Kansas reported 19 cases in 2005.
- **RATES:** Kansas ranked 45 among 50 states + DC + 3 territories: 0.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Kansas, the rate among males was 1.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

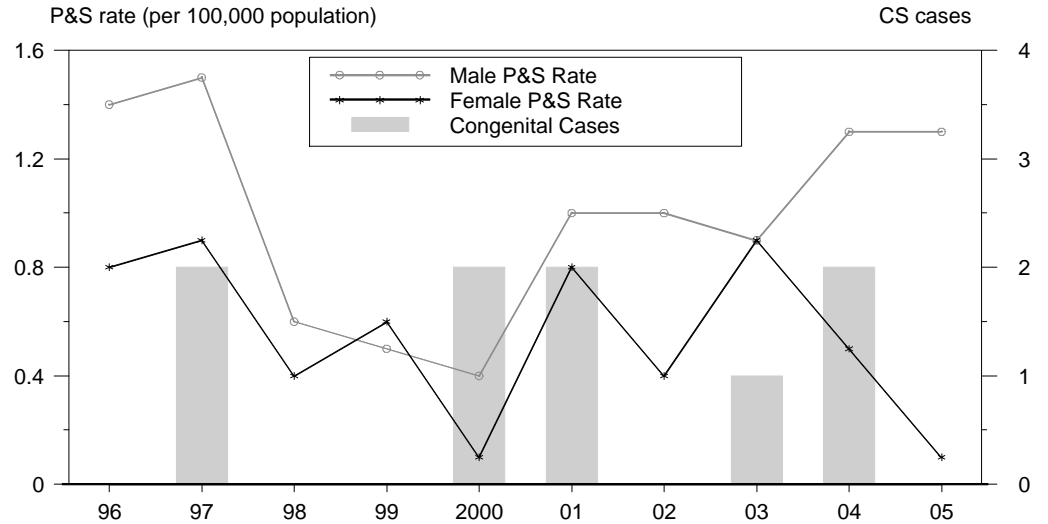
In Kansas, the race/ethnicity adjusted rates per 100,000 population were 0.5 among whites, 3.6 among blacks, 0.5 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 7.2 times that of whites.

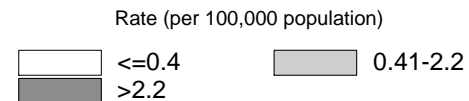
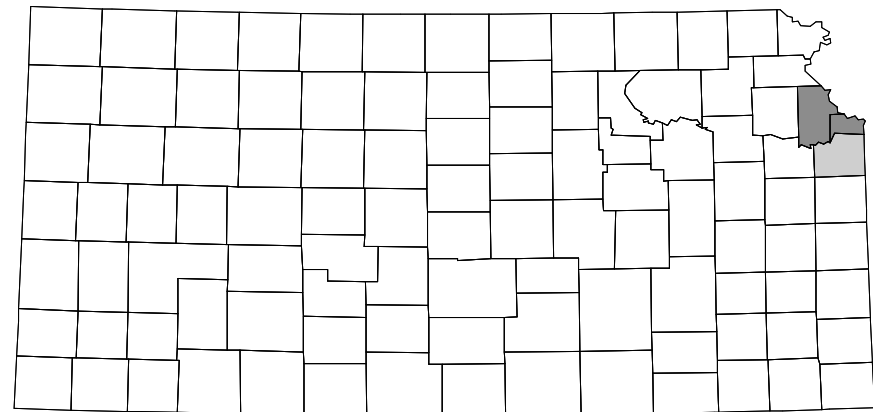
Congenital syphilis

- **CASES:** Kansas reported 0 cases in 2005.
- **RATES:** Kansas had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Kansas, 1996-2005



Total P&S Syphilis Rates by County, Kansas, 2005



Kentucky, 2005

Primary and secondary syphilis

- **CASES:** Kentucky reported 52 cases in 2005.
- **RATES:** Kentucky ranked 32 among 50 states + DC + 3 territories: 1.3 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Kentucky, the rate among males was 2.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

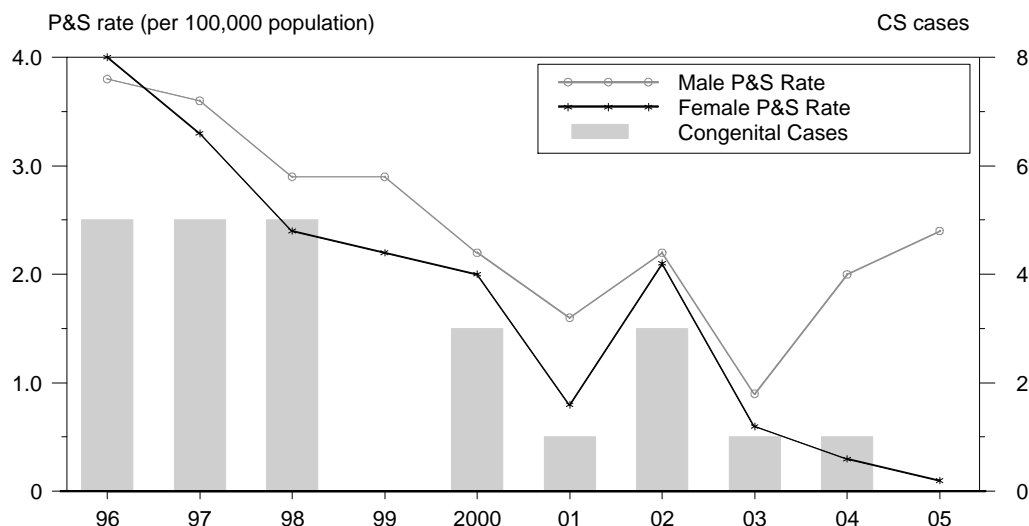
In Kentucky, the race/ethnicity adjusted rates per 100,000 population were 1.1 among whites, 2.2 among blacks, 0.0 among Hispanics, 5.0 among Asian/Pacific Islanders, and 11.1 among American Indians/Alaska Natives.

- The rate among blacks was 2 times that of whites.
- The rate among Asian/Pacific Islanders was 4.5 times that of whites.
- The rate among American Indians/Alaska Natives was 10.1 times that of whites.

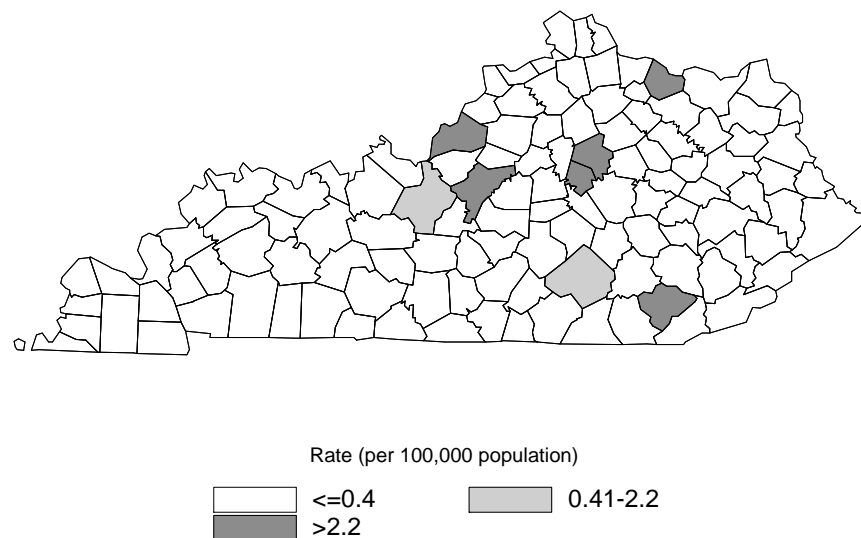
Congenital syphilis

- **CASES:** Kentucky reported 0 cases in 2005.
- **RATES:** Kentucky had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Kentucky, 1996-2005



Total P&S Syphilis Rates by County, Kentucky, 2005



Louisiana, 2005

Primary and secondary syphilis

- **CASES:** Louisiana reported 278 cases in 2005.
- **RATES:** Louisiana ranked 3 among 50 states + DC + 3 territories: 6.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Louisiana, the rate among males was 7.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 4.8 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

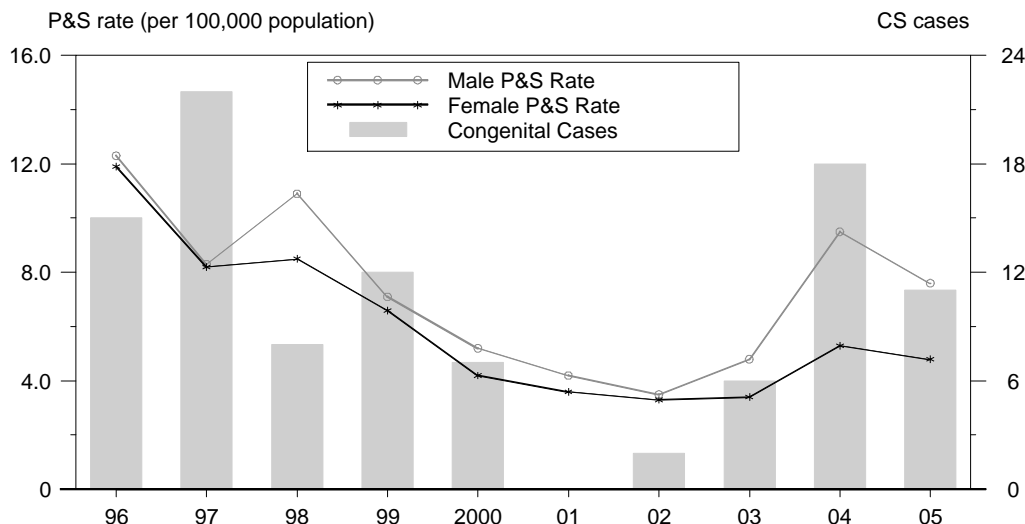
In Louisiana, the race/ethnicity adjusted rates per 100,000 population were 1.1 among whites, 16.5 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 15 times that of whites.

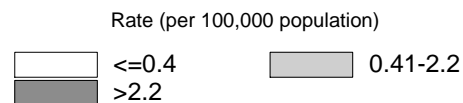
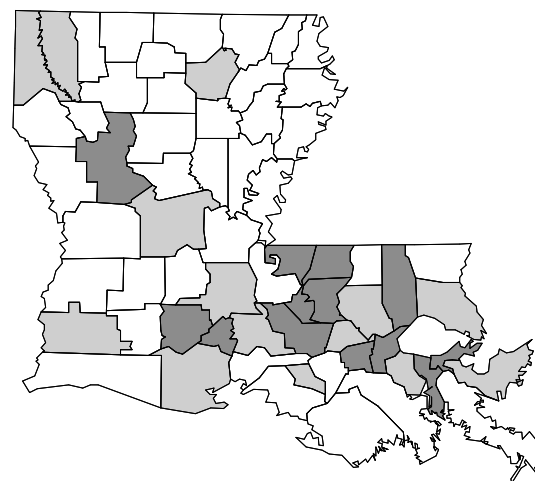
Congenital syphilis

- **CASES:** Louisiana reported 11 cases in 2005.
- **RATES:** Louisiana ranked 8 among 28 states + 2 territories reporting at least one congenital syphilis case: 16.9 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Louisiana, 1996-2005



Total P&S Syphilis Rates by County, Louisiana, 2005



Maine, 2005

Primary and secondary syphilis

- **CASES:** Maine reported 1 case in 2005.
- **RATES:** Maine ranked 53 among 50 states + DC + 3 territories: 0.1 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Maine, the rate among males was 0.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

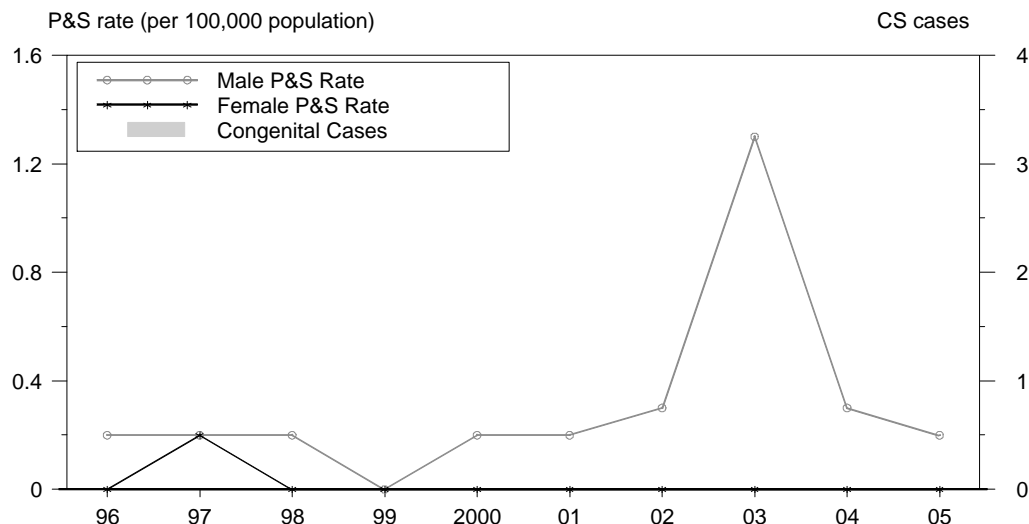
Racial disparities of primary and secondary syphilis

In Maine, the race/ethnicity adjusted rates per 100,000 population were 0.1 among whites, 0.0 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

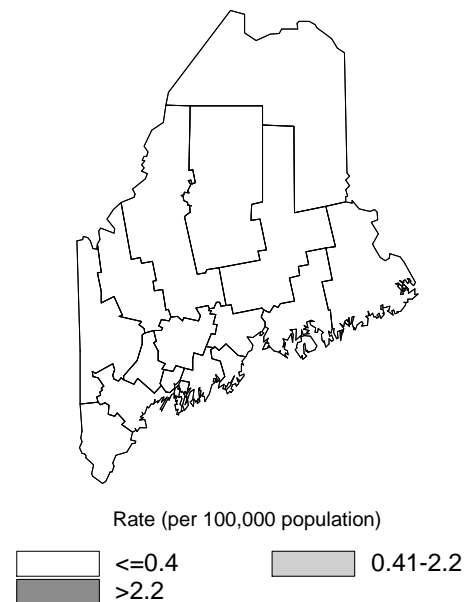
Congenital syphilis

- **CASES:** Maine reported 0 cases in 2005.
- **RATES:** Maine had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Maine, 1996-2005



Total P&S Syphilis Rates by County, Maine, 2005



Maryland, 2005

Primary and secondary syphilis

- **CASES:** Maryland reported 313 cases in 2005.
- **RATES:** Maryland ranked 5 among 50 states + DC + 3 territories: 5.6 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Maryland, the rate among males was 8.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 3.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

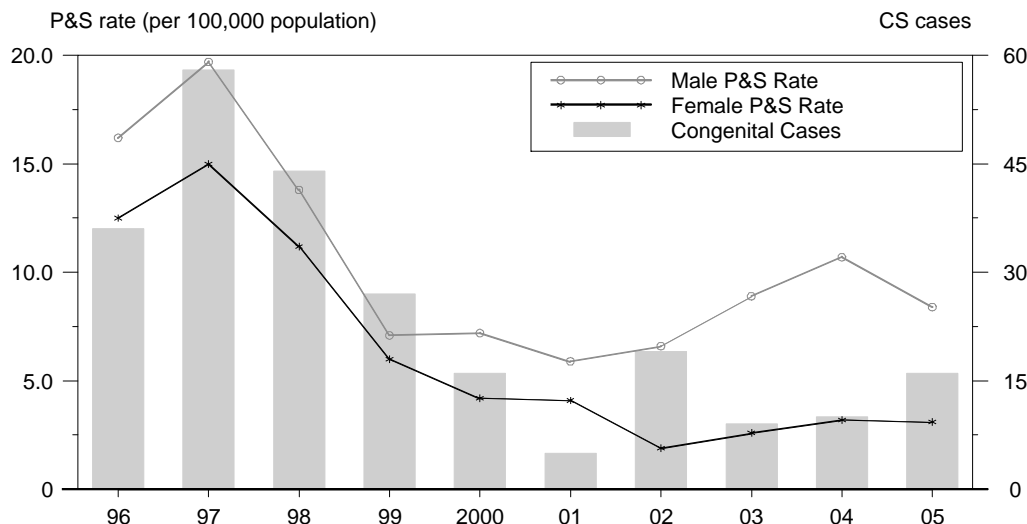
In Maryland, the race/ethnicity adjusted rates per 100,000 population were 2.2 among whites, 14.5 among blacks, 0.7 among Hispanics, 1.5 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 6.6 times that of whites.

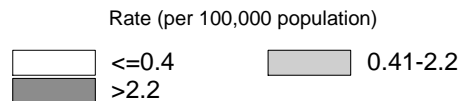
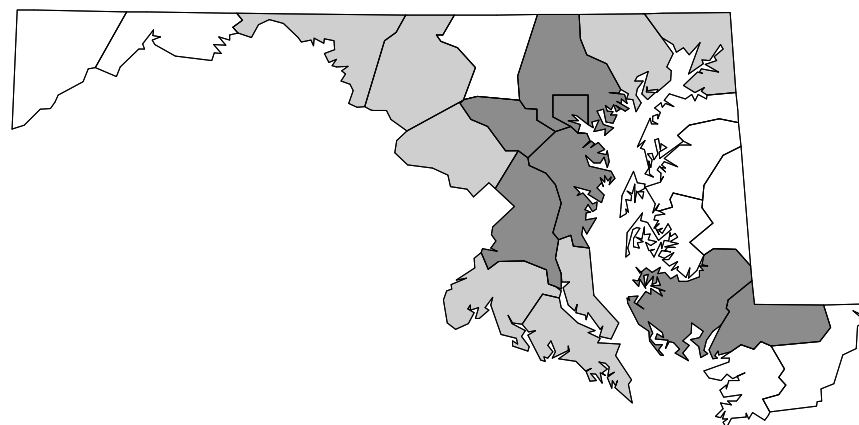
Congenital syphilis

- **CASES:** Maryland reported 16 cases in 2005.
- **RATES:** Maryland ranked 5 among 28 states + 2 territories reporting at least one congenital syphilis case: 21.4 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Maryland, 1996-2005



Total P&S Syphilis Rates by County, Maryland, 2005



Massachusetts, 2005

Primary and secondary syphilis

- **CASES:** Massachusetts reported 125 cases in 2005.
- **RATES:** Massachusetts ranked 22 among 50 states + DC + 3 territories: 1.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Massachusetts, the rate among males was 3.9 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

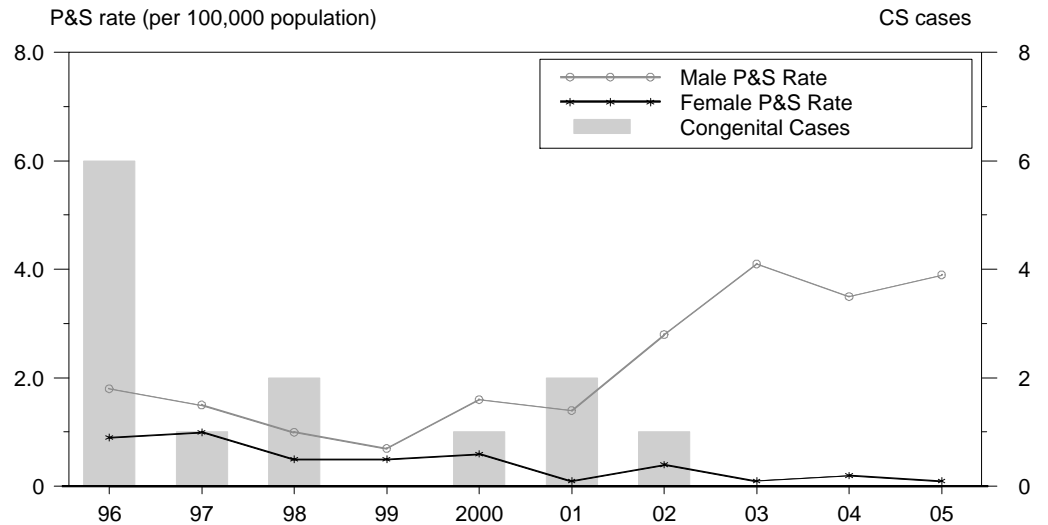
In Massachusetts, the race/ethnicity adjusted rates per 100,000 population were 1.8 among whites, 2.9 among blacks, 2.8 among Hispanics, 1.0 among Asian/Pacific Islanders, and 6.7 among American Indians/Alaska Natives.

- The rate among blacks was 1.6 times that of whites.
- The rate among Hispanics was 1.6 times that of whites.
- The rate among American Indians/Alaska Natives was 3.7 times that of whites.

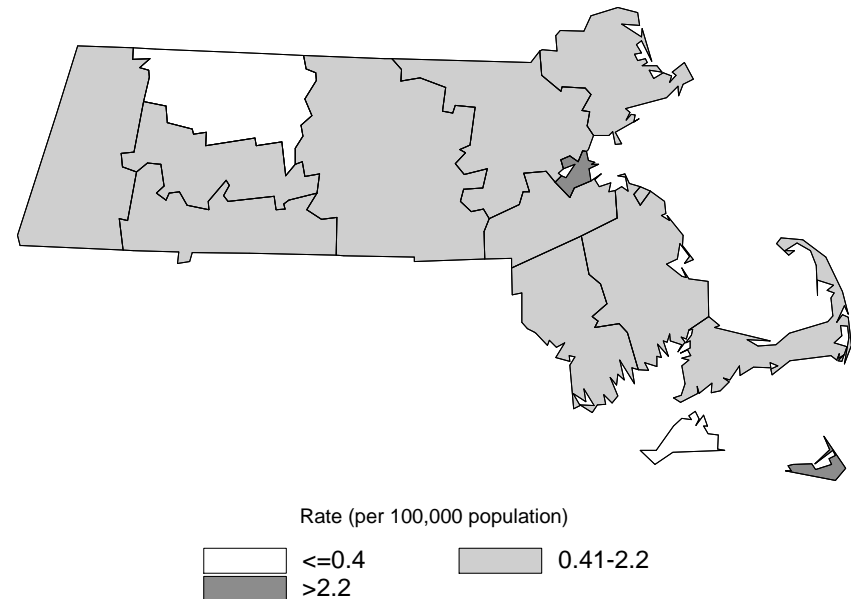
Congenital syphilis

- **CASES:** Massachusetts reported 0 cases in 2005.
- **RATES:** Massachusetts had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Massachusetts, 1996-2005



Total P&S Syphilis Rates by County, Massachusetts, 2005



Michigan, 2005

Primary and secondary syphilis

- **CASES:** Michigan reported 105 cases in 2005.
- **RATES:** Michigan ranked 38 among 50 states + DC + 3 territories: 1.0 case per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Michigan, the rate among males was 1.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.4 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

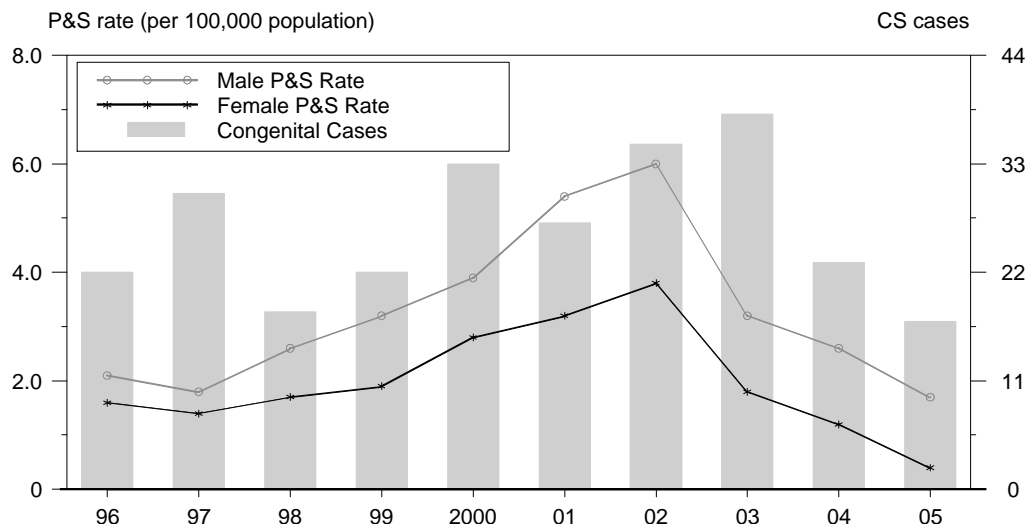
In Michigan, the race/ethnicity adjusted rates per 100,000 population were 0.4 among whites, 4.7 among blacks, 1.1 among Hispanics, 0.9 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 11.8 times that of whites.
- The rate among Hispanics was 2.8 times that of whites.
- The rate among Asian/Pacific Islanders was 2.3 times that of whites.

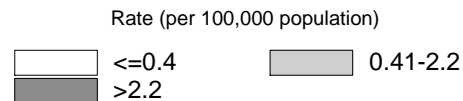
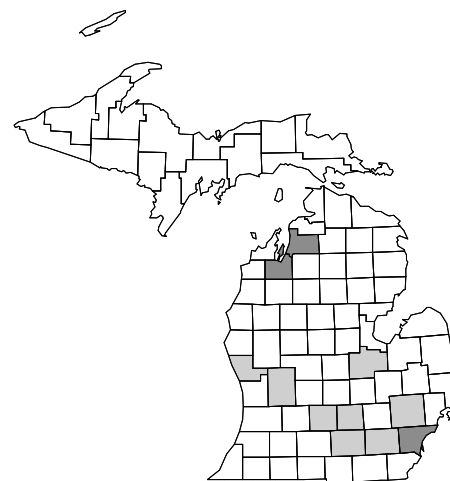
Congenital syphilis

- **CASES:** Michigan reported 17 cases in 2005.
- **RATES:** Michigan ranked 11 among 28 states + 2 territories reporting at least one congenital syphilis case: 13.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Michigan, 1996-2005



Total P&S Syphilis Rates by County, Michigan, 2005



Minnesota, 2005

Primary and secondary syphilis

- **CASES:** Minnesota reported 70 cases in 2005.
- **RATES:** Minnesota ranked 29 among 50 states + DC + 3 territories: 1.4 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Minnesota, the rate among males was 2.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

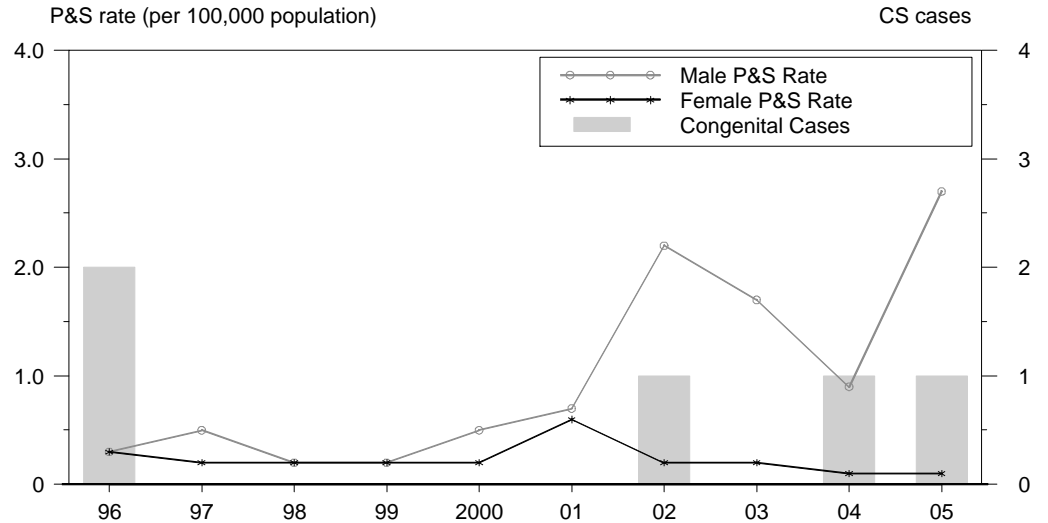
In Minnesota, the race/ethnicity adjusted rates per 100,000 population were 1.2 among whites, 3.6 among blacks, 2.8 among Hispanics, 0.6 among Asian/Pacific Islanders, and 1.6 among American Indians/Alaska Natives.

- The rate among blacks was 3 times that of whites.
- The rate among Hispanics was 2.3 times that of whites.
- The rate among American Indians/Alaska Natives was 1.3 times that of whites.

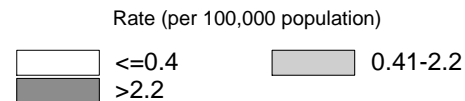
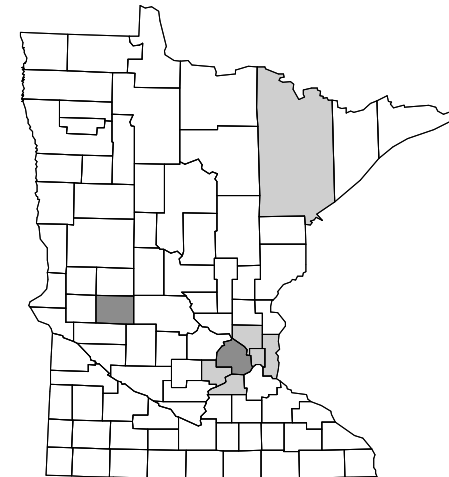
Congenital syphilis

- **CASES:** Minnesota reported 1 case in 2005.
- **RATES:** Minnesota ranked 27 among 28 states + 2 territories reporting at least one congenital syphilis case: 1.4 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Minnesota, 1996-2005



Total P&S Syphilis Rates by County, Minnesota, 2005



Mississippi, 2005

Primary and secondary syphilis

- **CASES:** Mississippi reported 49 cases in 2005.
- **RATES:** Mississippi ranked 26 among 50 states + DC + 3 territories: 1.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Mississippi, the rate among males was 2.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.8 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

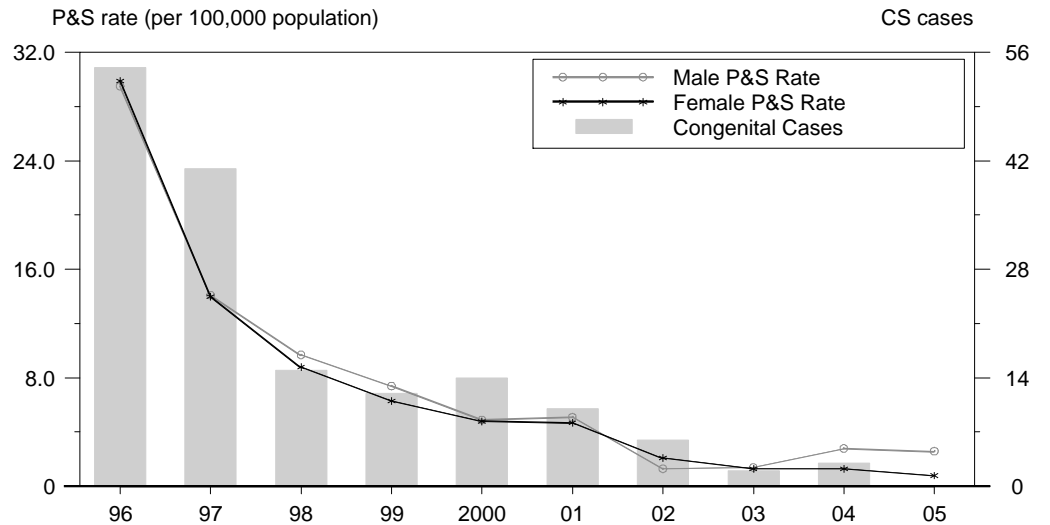
In Mississippi, the race/ethnicity adjusted rates per 100,000 population were 0.5 among whites, 3.7 among blacks, 0.0 among Hispanics, 4.3 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 7.4 times that of whites.
- The rate among Asian/Pacific Islanders was 8.6 times that of whites.

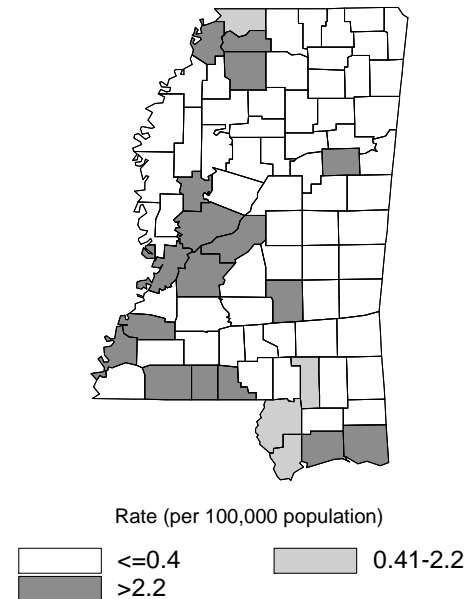
Congenital syphilis

- **CASES:** Mississippi reported 0 cases in 2005.
- **RATES:** Mississippi had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Mississippi, 1996-2005



Total P&S Syphilis Rates by County, Mississippi, 2005



Missouri, 2005

Primary and secondary syphilis

- **CASES:** Missouri reported 147 cases in 2005.
- **RATES:** Missouri ranked 17 among 50 states + DC + 3 territories: 2.6 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Missouri, the rate among males was 4.8 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.4 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

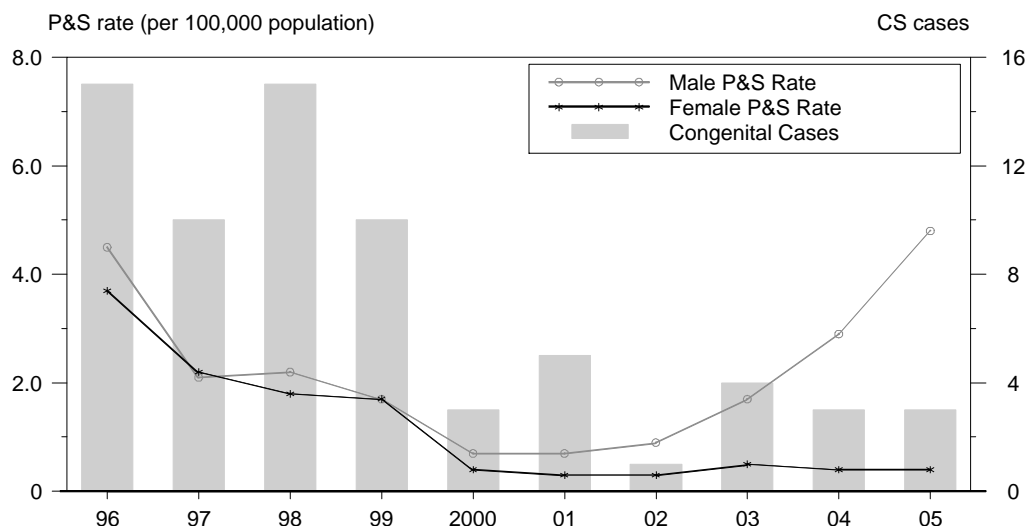
In Missouri, the race/ethnicity adjusted rates per 100,000 population were 1.8 among whites, 8.0 among blacks, 4.0 among Hispanics, 1.2 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 4.4 times that of whites.
- The rate among Hispanics was 2.2 times that of whites.

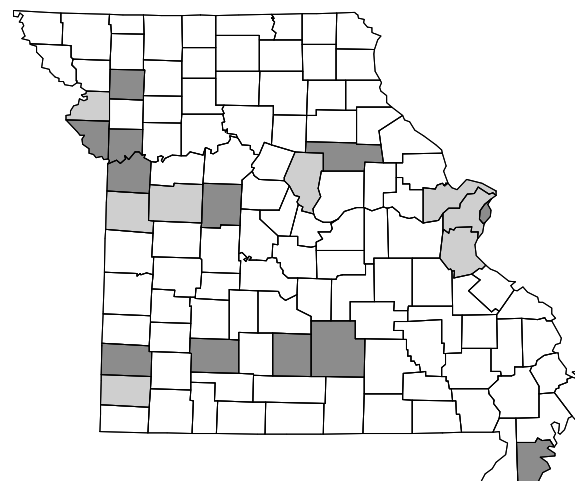
Congenital syphilis

- **CASES:** Missouri reported 3 cases in 2005.
- **RATES:** Missouri ranked 17 among 28 states + 2 territories reporting at least one congenital syphilis case: 3.9 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Missouri, 1996-2005



Total P&S Syphilis Rates by County, Missouri, 2005



Rate (per 100,000 population)



Montana, 2005

Primary and secondary syphilis

- **CASES:** Montana reported 7 cases in 2005.
- **RATES:** Montana ranked 43 among 50 states + DC + 3 territories: 0.8 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Montana, the rate among males was 1.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.2 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

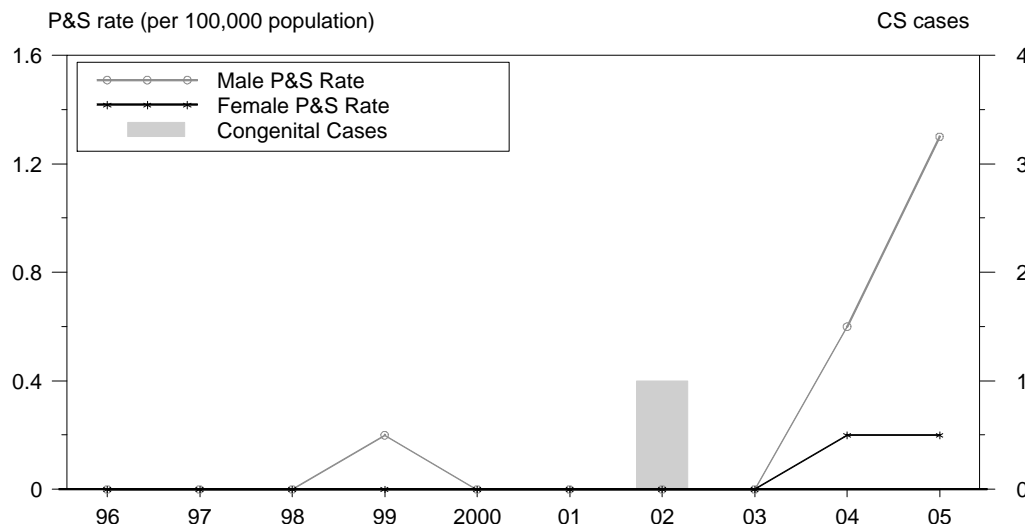
In Montana, the race/ethnicity adjusted rates per 100,000 population were 0.7 among whites, 0.0 among blacks, 4.6 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among Hispanics was 6.6 times that of whites.

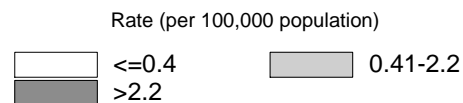
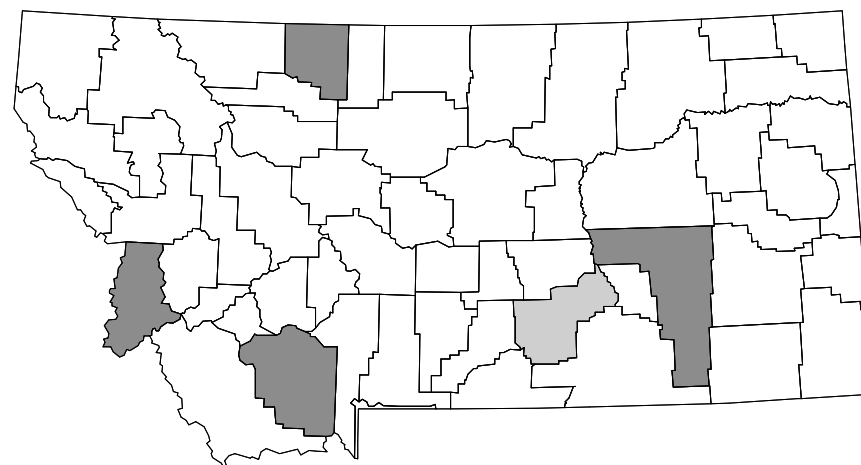
Congenital syphilis

- **CASES:** Montana reported 0 cases in 2005.
- **RATES:** Montana had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Montana, 1996-2005



Total P&S Syphilis Rates by County, Montana, 2005



Nebraska, 2005

Primary and secondary syphilis

- **CASES:** Nebraska reported 4 cases in 2005.
- **RATES:** Nebraska ranked 49 among 50 states + DC + 3 territories: 0.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Nebraska, the rate among males was 0.5 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

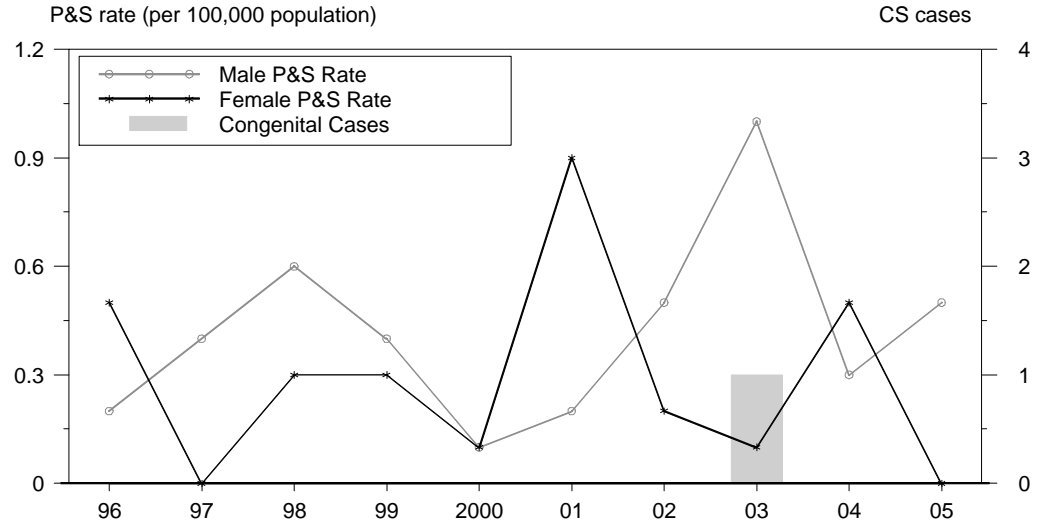
In Nebraska, the race/ethnicity adjusted rates per 100,000 population were 0.1 among whites, 1.3 among blacks, 0.8 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 13 times that of whites.
- The rate among Hispanics was 8 times that of whites.

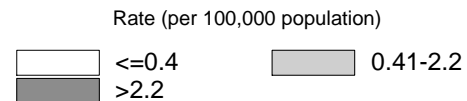
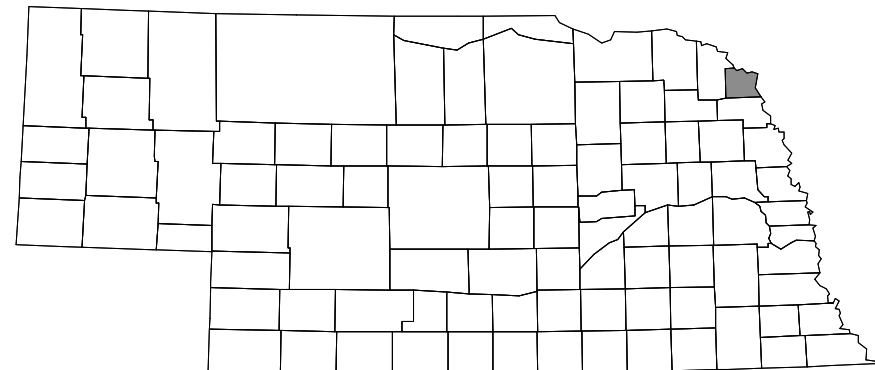
Congenital syphilis

- **CASES:** Nebraska reported 0 cases in 2005.
- **RATES:** Nebraska had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Nebraska, 1996-2005



Total P&S Syphilis Rates by County, Nebraska, 2005



Nevada, 2005

Primary and secondary syphilis

- **CASES:** Nevada reported 109 cases in 2005.
- **RATES:** Nevada ranked 6 among 50 states + DC + 3 territories: 4.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Nevada, the rate among males was 7.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 2.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

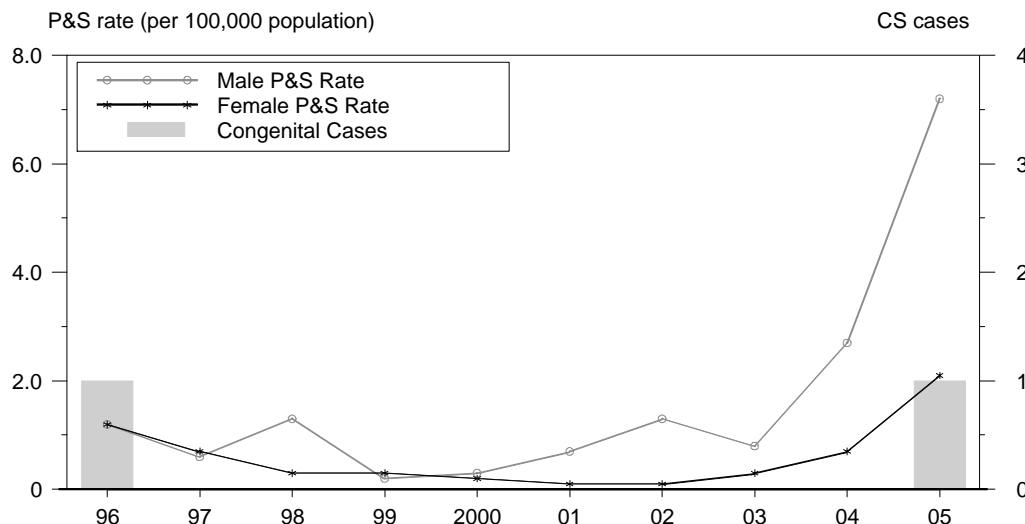
In Nevada, the race/ethnicity adjusted rates per 100,000 population were 3.6 among whites, 18.8 among blacks, 3.4 among Hispanics, 4.1 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 5.2 times that of whites.
- The rate among Asian/Pacific Islanders was 1.1 times that of whites.

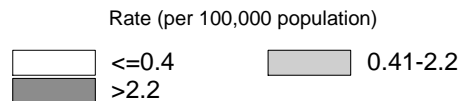
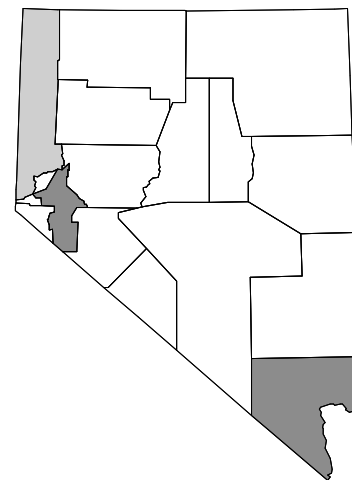
Congenital syphilis

- **CASES:** Nevada reported 1 case in 2005.
- **RATES:** Nevada ranked 21 among 28 states + 2 territories reporting at least one congenital syphilis case: 3.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Nevada, 1996-2005



Total P&S Syphilis Rates by County, Nevada, 2005



New Hampshire, 2005

Primary and secondary syphilis

- **CASES:** New Hampshire reported 16 cases in 2005.
- **RATES:** New Hampshire ranked 35 among 50 states + DC + 3 territories: 1.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In New Hampshire, the rate among males was 2.5 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

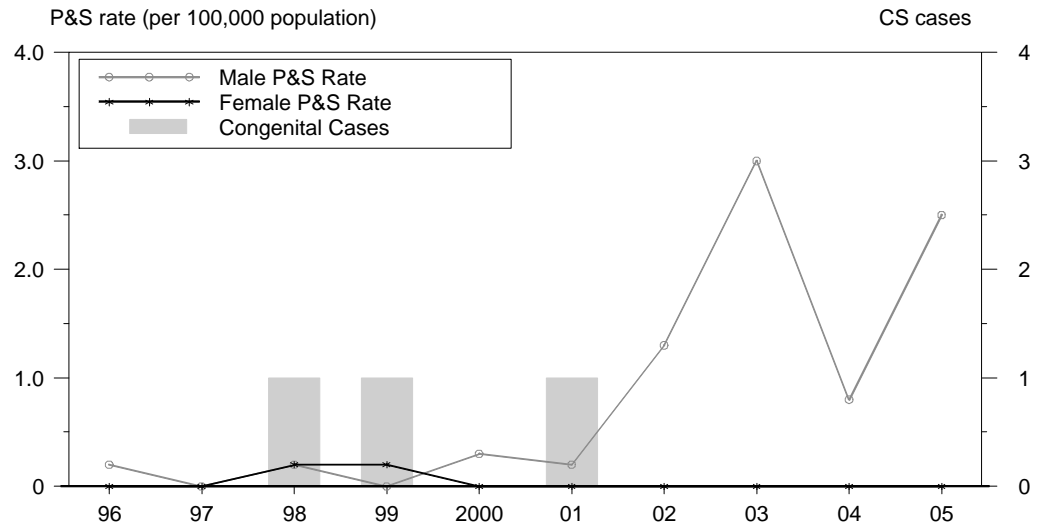
In New Hampshire, the race/ethnicity adjusted rates per 100,000 population were 1.1 among whites, 8.0 among blacks, 7.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 7.3 times that of whites.
- The rate among Hispanics was 6.6 times that of whites.

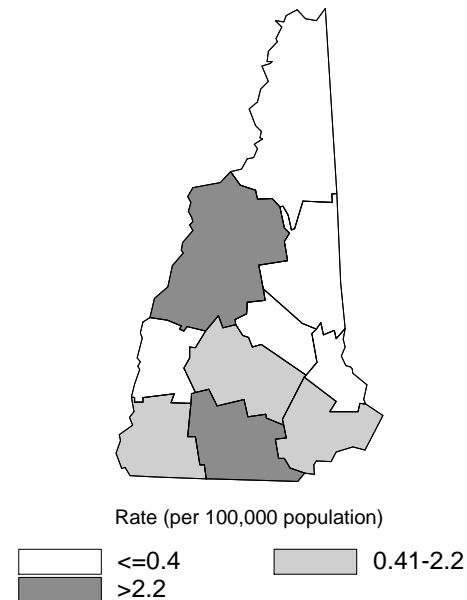
Congenital syphilis

- **CASES:** New Hampshire reported 0 cases in 2005.
- **RATES:** New Hampshire had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, New Hampshire, 1996-2005



Total P&S Syphilis Rates by County, New Hampshire, 2005



New Jersey, 2005

Primary and secondary syphilis

- **CASES:** New Jersey reported 133 cases in 2005.
- **RATES:** New Jersey ranked 28 among 50 states + DC + 3 territories: 1.5 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In New Jersey, the rate among males was 2.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.4 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

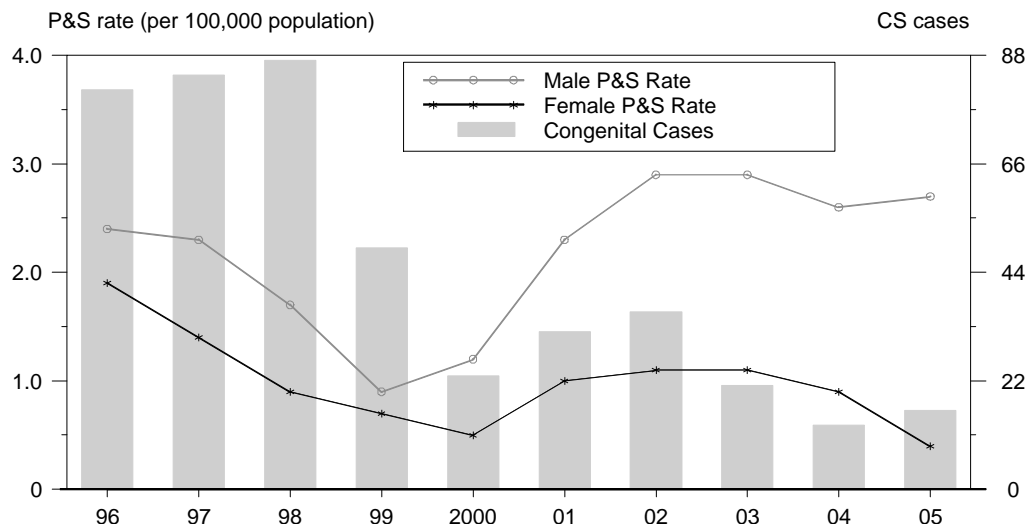
In New Jersey, the race/ethnicity adjusted rates per 100,000 population were 0.8 among whites, 5.1 among blacks, 2.0 among Hispanics, 0.2 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 6.4 times that of whites.
- The rate among Hispanics was 2.5 times that of whites.

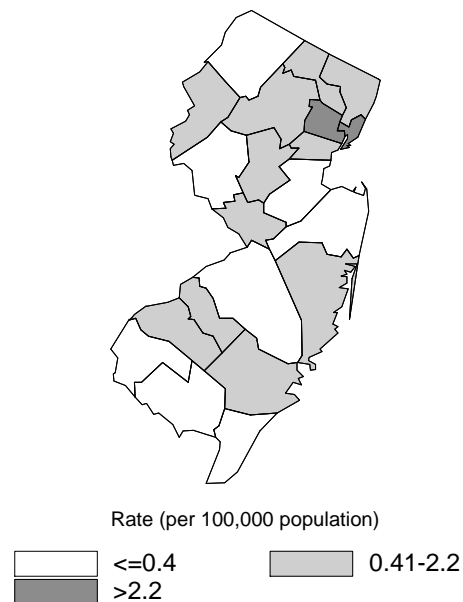
Congenital syphilis

- **CASES:** New Jersey reported 16 cases in 2005.
- **RATES:** New Jersey ranked 10 among 28 states + 2 territories reporting at least one congenital syphilis case: 13.7 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, New Jersey, 1996-2005



Total P&S Syphilis Rates by County, New Jersey, 2005



New Mexico, 2005

Primary and secondary syphilis

- **CASES:** New Mexico reported 56 cases in 2005.
- **RATES:** New Mexico ranked 16 among 50 states + DC + 3 territories: 2.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In New Mexico, the rate among males was 4.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.7 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

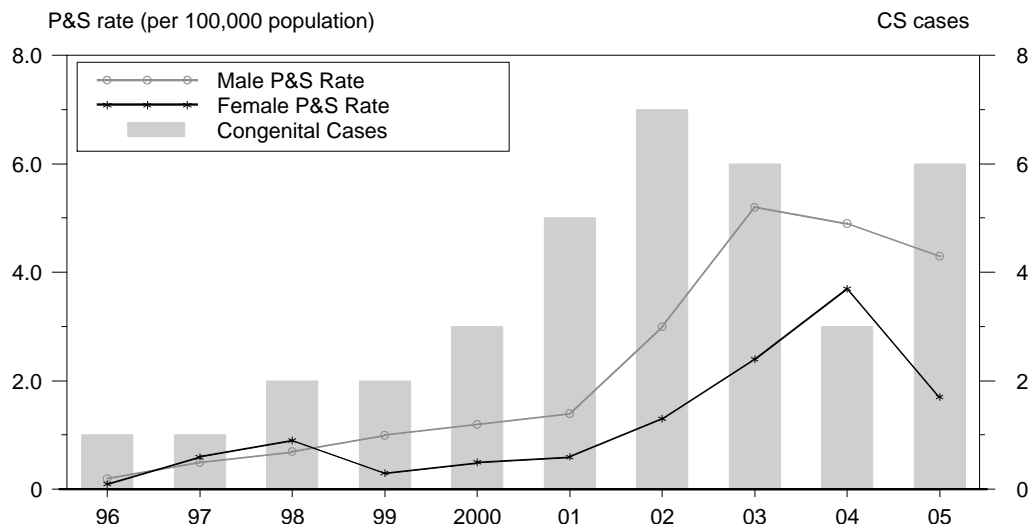
In New Mexico, the race/ethnicity adjusted rates per 100,000 population were 1.2 among whites, 5.2 among blacks, 2.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 13.3 among American Indians/Alaska Natives.

- The rate among blacks was 4.3 times that of whites.
- The rate among Hispanics was 1.9 times that of whites.
- The rate among American Indians/Alaska Natives was 11.1 times that of whites.

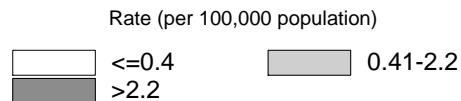
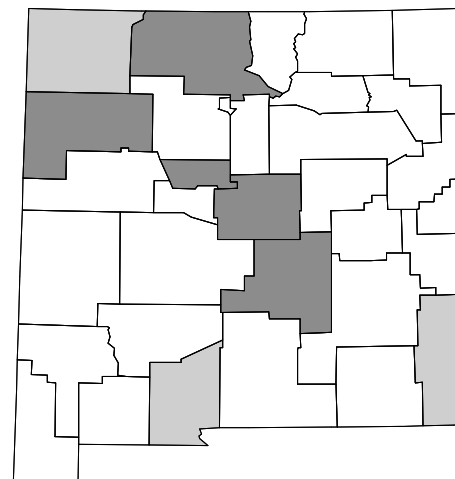
Congenital syphilis

- **CASES:** New Mexico reported 6 cases in 2005.
- **RATES:** New Mexico ranked 4 among 28 states + 2 territories reporting at least one congenital syphilis case: 21.6 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, New Mexico, 1996-2005



Total P&S Syphilis Rates by County, New Mexico, 2005



New York, 2005

Primary and secondary syphilis

- **CASES:** New York reported 705 cases in 2005.
- **RATES:** New York ranked 11 among 50 states + DC + 3 territories: 3.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In New York, the rate among males was 7.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.3 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

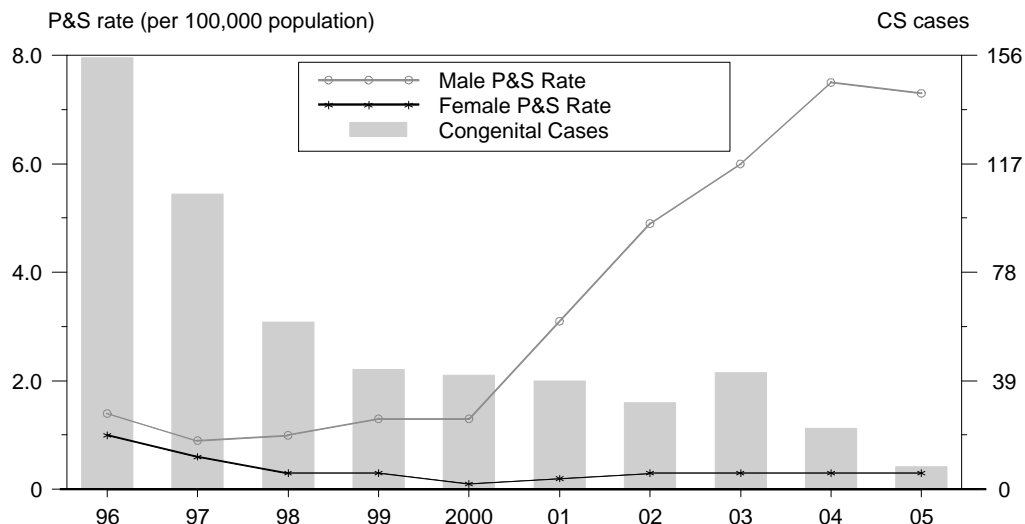
In New York, the race/ethnicity adjusted rates per 100,000 population were 1.9 among whites, 10.9 among blacks, 4.8 among Hispanics, 0.9 among Asian/Pacific Islanders, and 2.8 among American Indians/Alaska Natives.

- The rate among blacks was 5.7 times that of whites.
- The rate among Hispanics was 2.5 times that of whites.
- The rate among American Indians/Alaska Natives was 1.5 times that of whites.

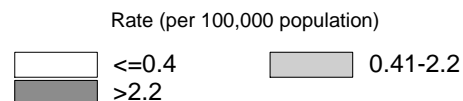
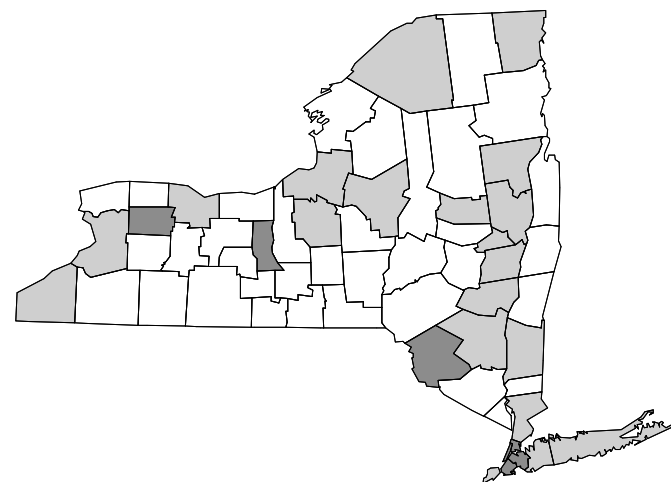
Congenital syphilis

- **CASES:** New York reported 8 cases in 2005.
- **RATES:** New York ranked 19 among 28 states + 2 territories reporting at least one congenital syphilis case: 3.2 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, New York, 1996-2005



Total P&S Syphilis Rates by County, New York, 2005



North Carolina, 2005

Primary and secondary syphilis

- **CASES:** North Carolina reported 274 cases in 2005.
- **RATES:** North Carolina ranked 14 among 50 states + DC + 3 territories: 3.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In North Carolina, the rate among males was 5.1 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.3 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

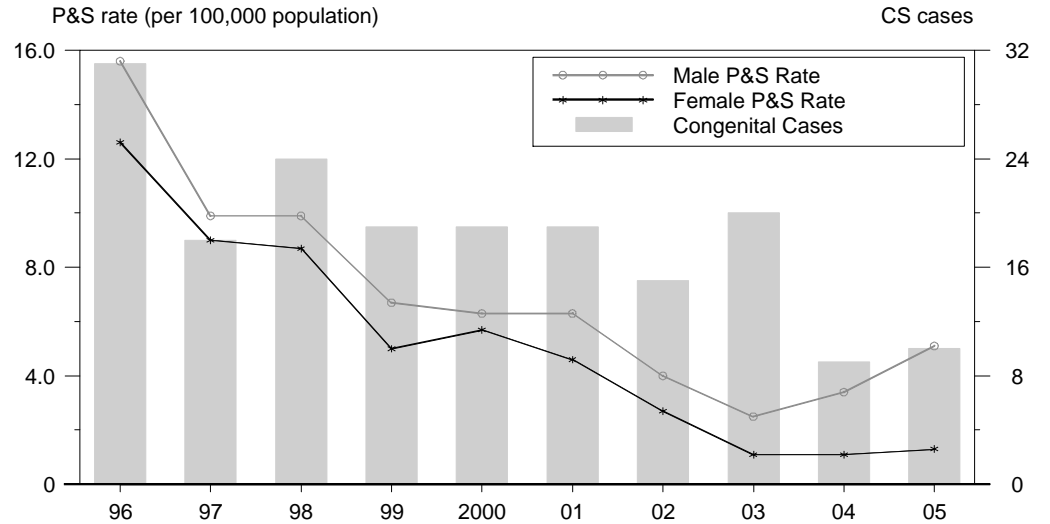
In North Carolina, the race/ethnicity adjusted rates per 100,000 population were 1.8 among whites, 8.1 among blacks, 2.5 among Hispanics, 0.6 among Asian/Pacific Islanders, and 2.8 among American Indians/Alaska Natives.

- The rate among blacks was 4.5 times that of whites.
- The rate among Hispanics was 1.4 times that of whites.
- The rate among American Indians/Alaska Natives was 1.6 times that of whites.

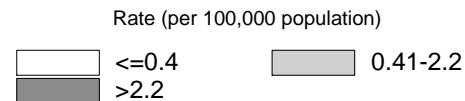
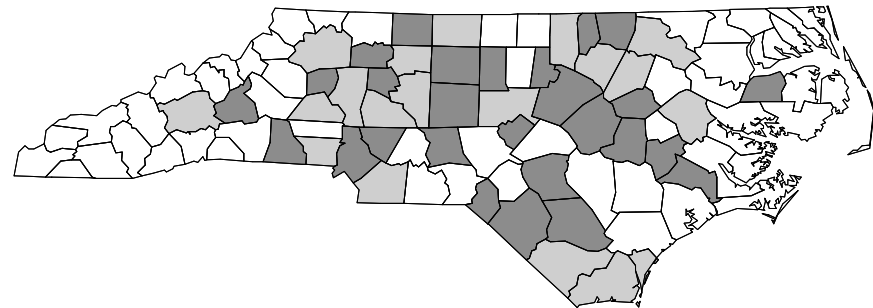
Congenital syphilis

- **CASES:** North Carolina reported 10 cases in 2005.
- **RATES:** North Carolina ranked 13 among 28 states + 2 territories reporting at least one congenital syphilis case: 8.5 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, North Carolina, 1996-2005



Total P&S Syphilis Rates by County, North Carolina, 2005



North Dakota, 2005

Primary and secondary syphilis

- **CASES:** North Dakota reported 1 case in 2005.
- **RATES:** North Dakota ranked 51 among 50 states + DC + 3 territories: 0.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In North Dakota, the rate among males was 0.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

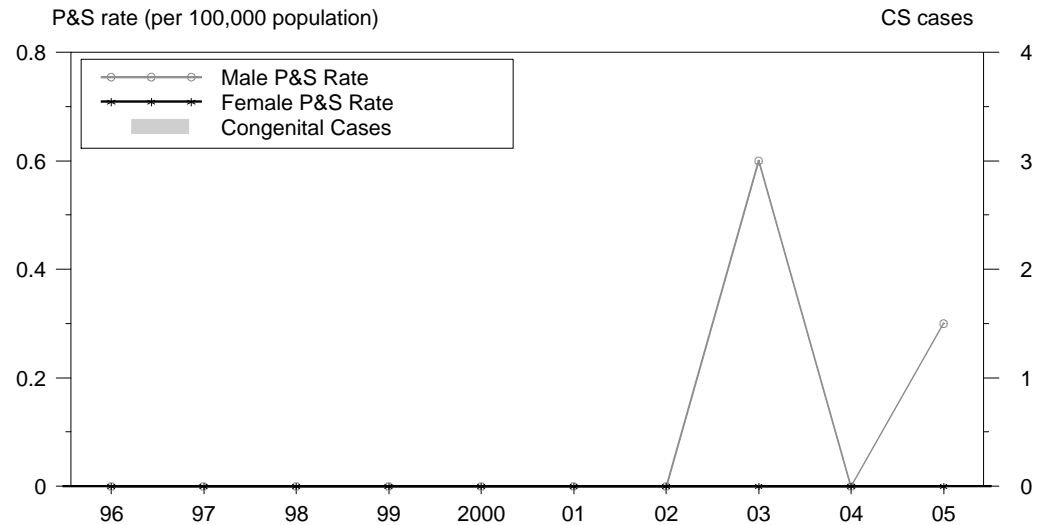
Racial disparities of primary and secondary syphilis

In North Dakota, the race/ethnicity adjusted rates per 100,000 population were 0.2 among whites, 0.0 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

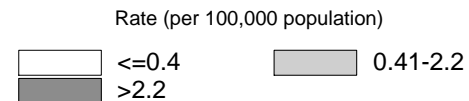
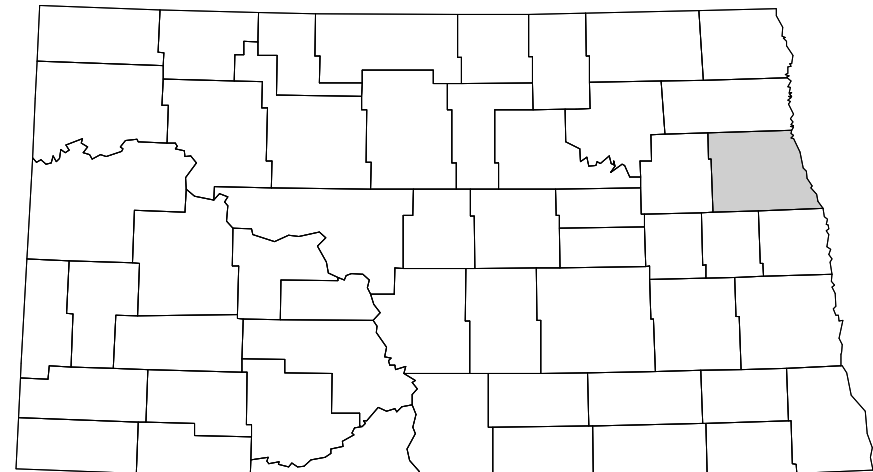
Congenital syphilis

- **CASES:** North Dakota reported 0 cases in 2005.
- **RATES:** North Dakota had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, North Dakota, 1996-2005



Total P&S Syphilis Rates by County, North Dakota, 2005



Ohio, 2005

Primary and secondary syphilis

- **CASES:** Ohio reported 211 cases in 2005.
- **RATES:** Ohio ranked 24 among 50 states + DC + 3 territories: 1.8 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Ohio, the rate among males was 3.1 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.7 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

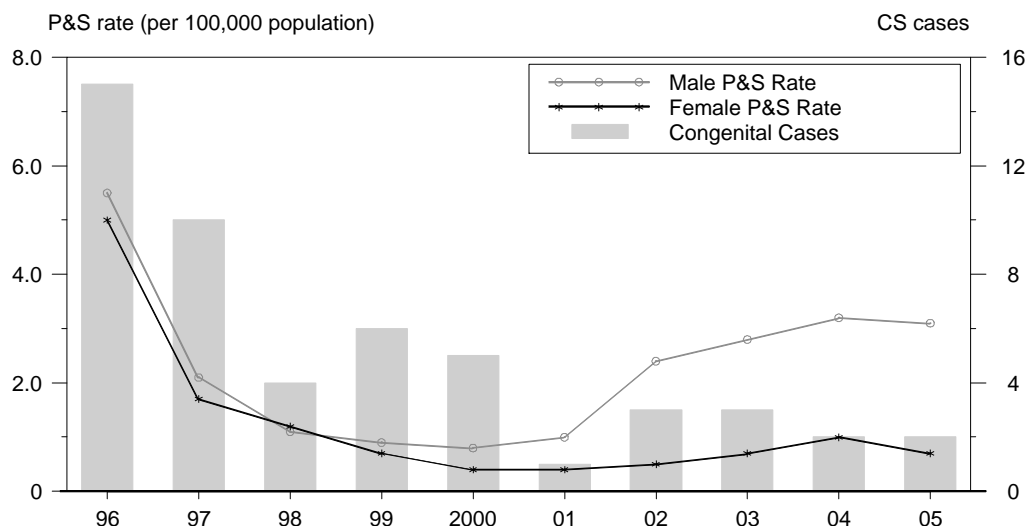
In Ohio, the race/ethnicity adjusted rates per 100,000 population were 1.1 among whites, 7.1 among blacks, 1.6 among Hispanics, 0.6 among Asian/Pacific Islanders, and 3.5 among American Indians/Alaska Natives.

- The rate among blacks was 6.5 times that of whites.
- The rate among Hispanics was 1.5 times that of whites.
- The rate among American Indians/Alaska Natives was 3.2 times that of whites.

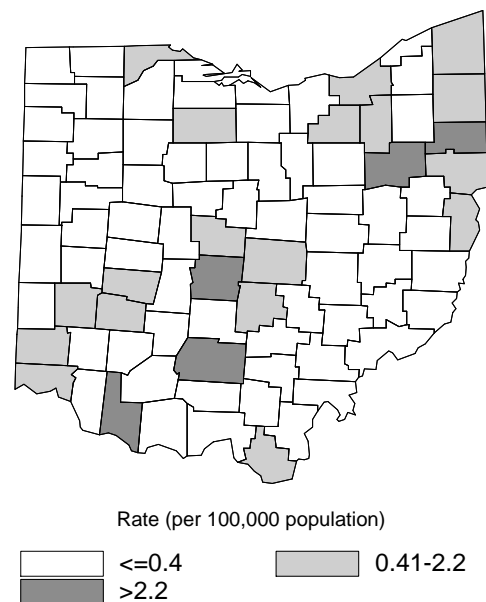
Congenital syphilis

- **CASES:** Ohio reported 2 cases in 2005.
- **RATES:** Ohio ranked 28 among 28 states + 2 territories reporting at least one congenital syphilis case: 1.3 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Ohio, 1996-2005



Total P&S Syphilis Rates by County, Ohio, 2005



Oklahoma, 2005

Primary and secondary syphilis

- **CASES:** Oklahoma reported 44 cases in 2005.
- **RATES:** Oklahoma ranked 34 among 50 states + DC + 3 territories: 1.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Oklahoma, the rate among males was 1.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

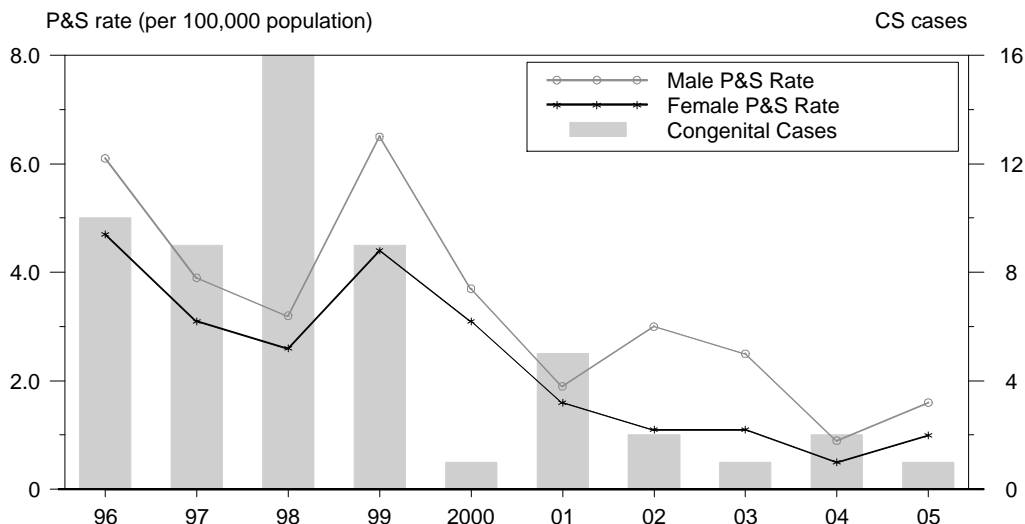
In Oklahoma, the race/ethnicity adjusted rates per 100,000 population were 0.7 among whites, 8.8 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.3 among American Indians/Alaska Natives.

- The rate among blacks was 12.6 times that of whites.

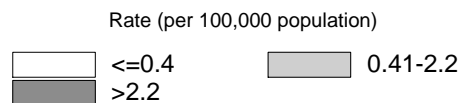
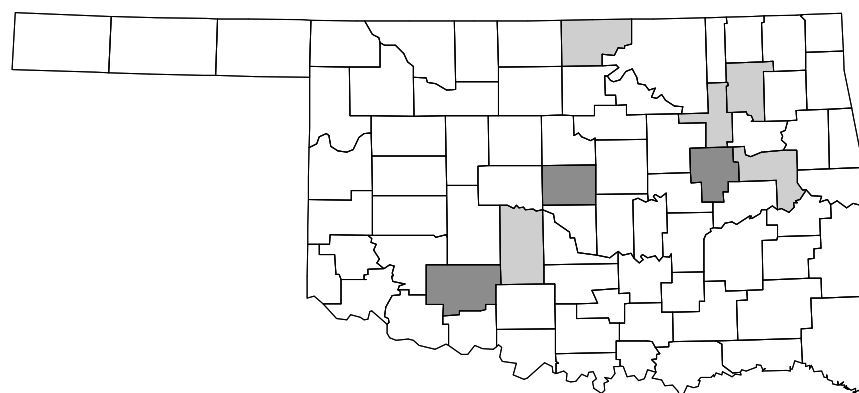
Congenital syphilis

- **CASES:** Oklahoma reported 1 case in 2005.
- **RATES:** Oklahoma ranked 25 among 28 states + 2 territories reporting at least one congenital syphilis case: 2.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Oklahoma, 1996-2005



Total P&S Syphilis Rates by County, Oklahoma, 2005



Oregon, 2005

Primary and secondary syphilis

- **CASES:** Oregon reported 41 cases in 2005.
- **RATES:** Oregon ranked 37 among 50 states + DC + 3 territories: 1.1 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Oregon, the rate among males was 2.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

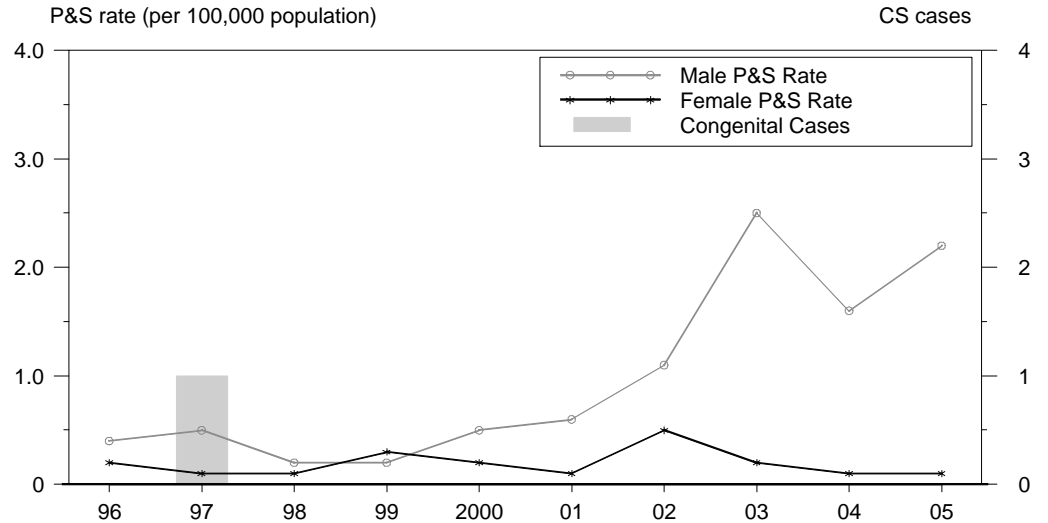
In Oregon, the race/ethnicity adjusted rates per 100,000 population were 1.0 among whites, 0.0 among blacks, 2.3 among Hispanics, 1.4 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among Hispanics was 2.3 times that of whites.
- The rate among Asian/Pacific Islanders was 1.4 times that of whites.

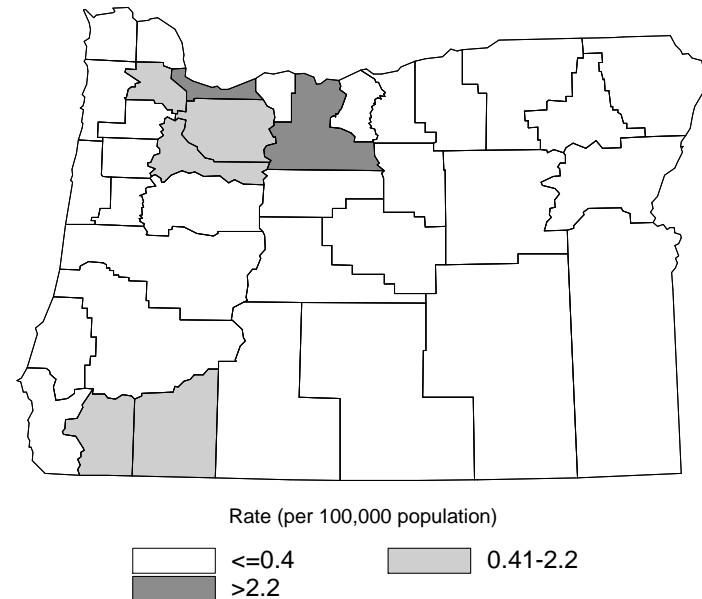
Congenital syphilis

- **CASES:** Oregon reported 0 cases in 2005.
- **RATES:** Oregon had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Oregon, 1996-2005



Total P&S Syphilis Rates by County, Oregon, 2005



Pennsylvania, 2005

Primary and secondary syphilis

- **CASES:** Pennsylvania reported 199 cases in 2005.
- **RATES:** Pennsylvania ranked 27 among 50 states + DC + 3 territories: 1.6 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Pennsylvania, the rate among males was 2.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.5 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

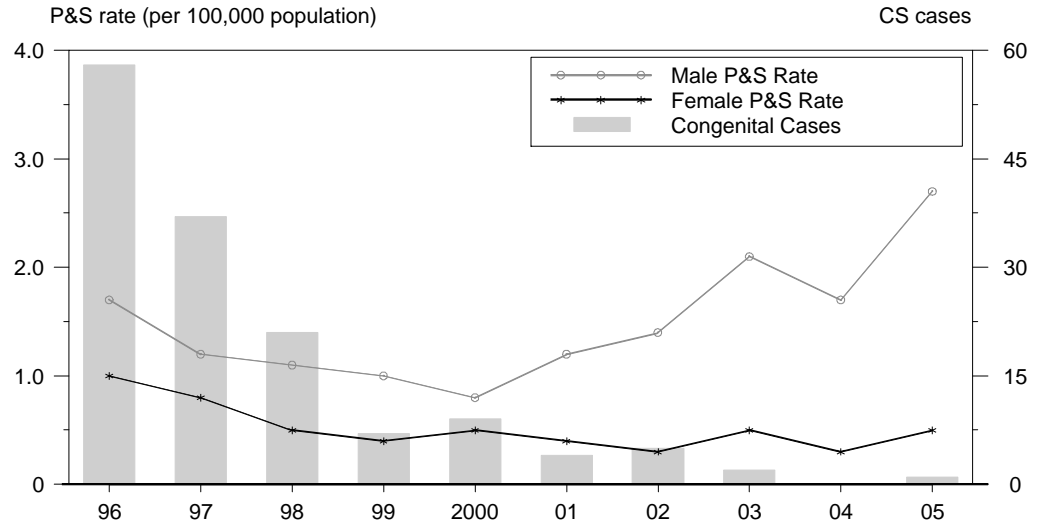
In Pennsylvania, the race/ethnicity adjusted rates per 100,000 population were 0.7 among whites, 8.5 among blacks, 2.5 among Hispanics, 0.4 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 12.1 times that of whites.
- The rate among Hispanics was 3.6 times that of whites.

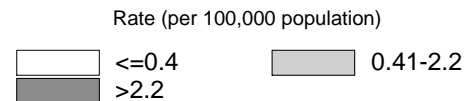
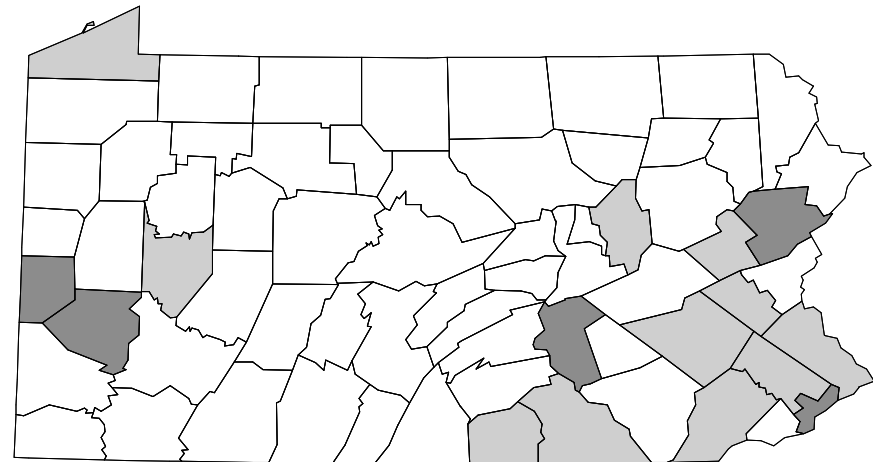
Congenital syphilis

- **CASES:** Pennsylvania reported 1 case in 2005.
- **RATES:** Pennsylvania ranked 30 among 28 states + 2 territories reporting at least one congenital syphilis case: 0.7 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Pennsylvania, 1996-2005



Total P&S Syphilis Rates by County, Pennsylvania, 2005



Rhode Island, 2005

Primary and secondary syphilis

- **CASES:** Rhode Island reported 24 cases in 2005.
- **RATES:** Rhode Island ranked 19 among 50 states + DC + 3 territories: 2.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Rhode Island, the rate among males was 3.5 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

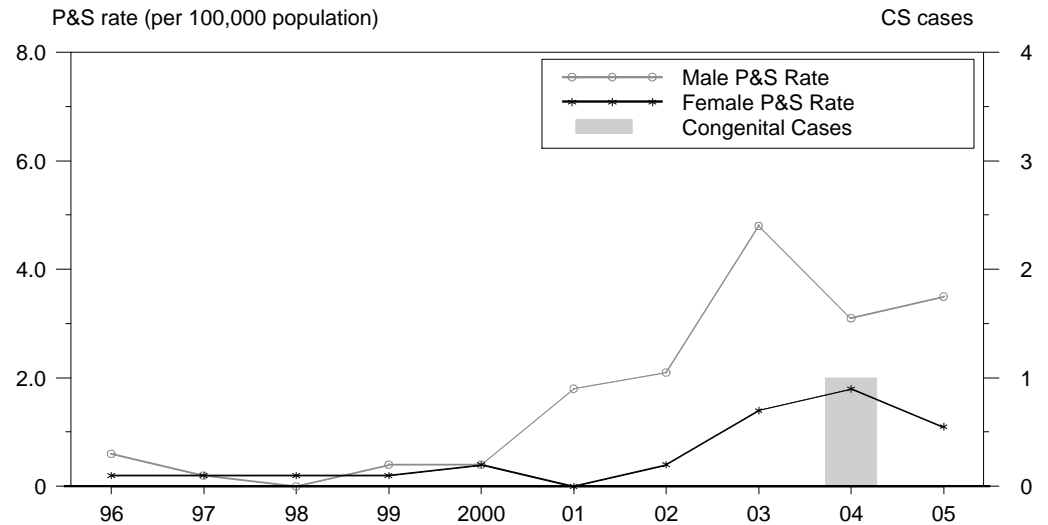
In Rhode Island, the race/ethnicity adjusted rates per 100,000 population were 1.3 among whites, 10.5 among blacks, 6.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 8.1 times that of whites.
- The rate among Hispanics was 4.8 times that of whites.

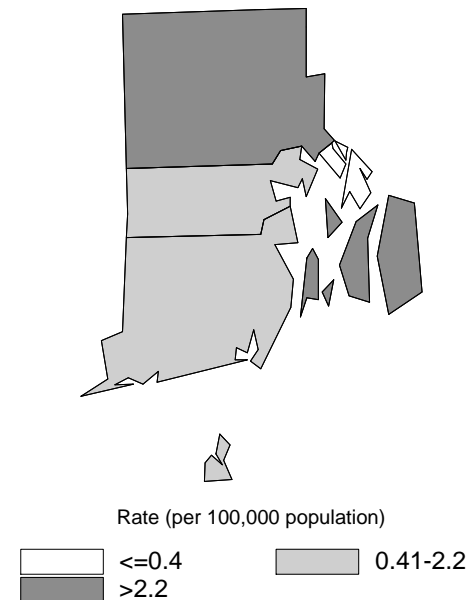
Congenital syphilis

- **CASES:** Rhode Island reported 0 cases in 2005.
- **RATES:** Rhode Island had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Rhode Island, 1996-2005



Total P&S Syphilis Rates by County, Rhode Island, 2005



South Carolina, 2005

Primary and secondary syphilis

- **CASES:** South Carolina reported 84 cases in 2005.
- **RATES:** South Carolina ranked 20 among 50 states + DC + 3 territories: 2.0 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In South Carolina, the rate among males was 3.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.8 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

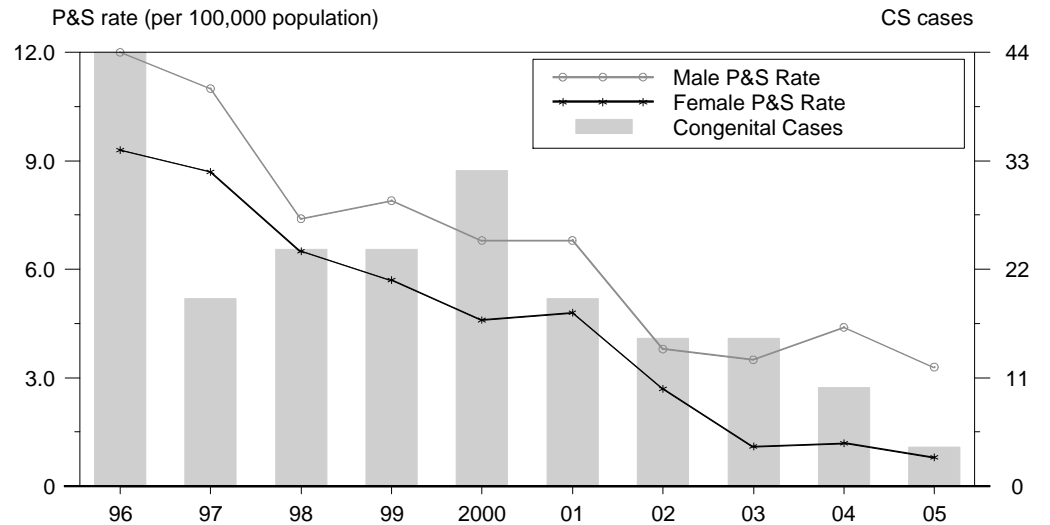
In South Carolina, the race/ethnicity adjusted rates per 100,000 population were 1.2 among whites, 4.0 among blacks, 2.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 3.3 times that of whites.
- The rate among Hispanics was 1.9 times that of whites.

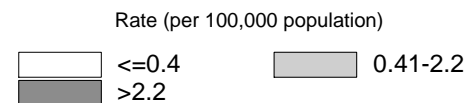
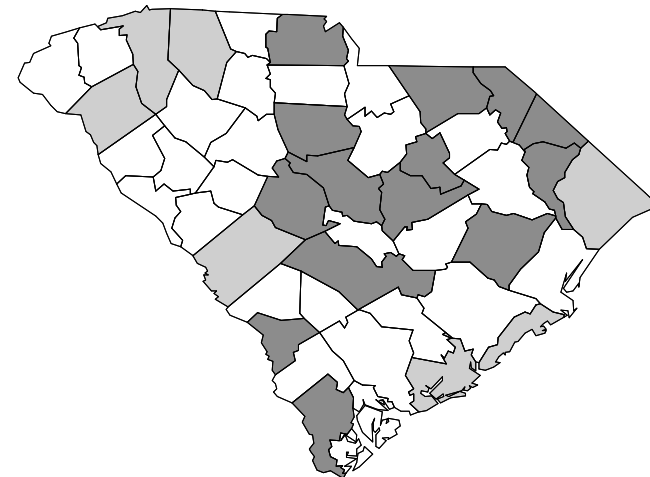
Congenital syphilis

- **CASES:** South Carolina reported 4 cases in 2005.
- **RATES:** South Carolina ranked 16 among 28 states + 2 territories reporting at least one congenital syphilis case: 7.2 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, South Carolina, 1996-2005



Total P&S Syphilis Rates by County, South Carolina, 2005



South Dakota, 2005

Primary and secondary syphilis

- **CASES:** South Dakota reported 2 cases in 2005.
- **RATES:** South Dakota ranked 48 among 50 states + DC + 3 territories: 0.3 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In South Dakota, the rate among males was 0.5 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

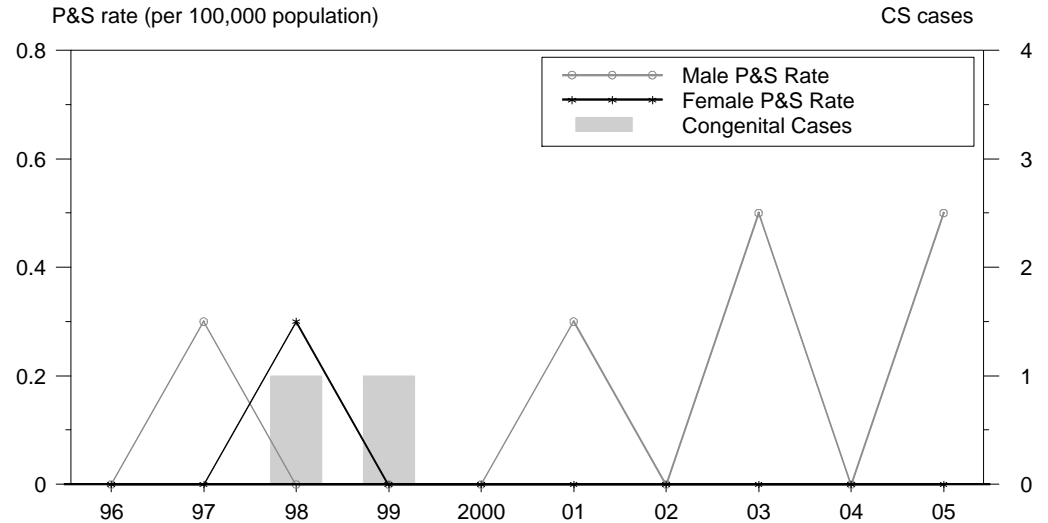
In South Dakota, the race/ethnicity adjusted rates per 100,000 population were 0.1 among whites, 14.2 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 142 times that of whites.

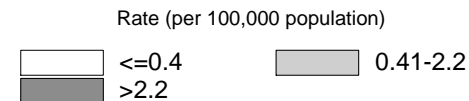
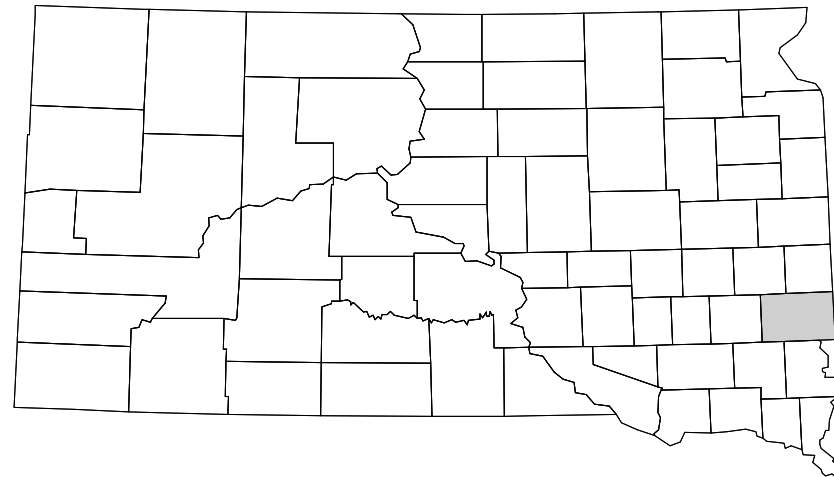
Congenital syphilis

- **CASES:** South Dakota reported 0 cases in 2005.
- **RATES:** South Dakota had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, South Dakota, 1996-2005



Total P&S Syphilis Rates by County, South Dakota, 2005



Tennessee, 2005

Primary and secondary syphilis

- **CASES:** Tennessee reported 217 cases in 2005.
- **RATES:** Tennessee ranked 12 among 50 states + DC + 3 territories: 3.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Tennessee, the rate among males was 5.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 2.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

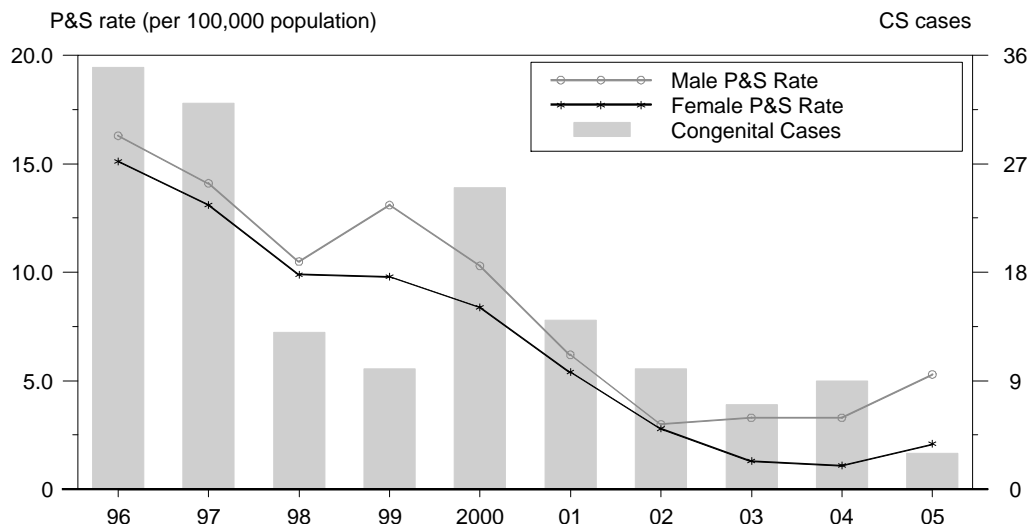
In Tennessee, the race/ethnicity adjusted rates per 100,000 population were 1.2 among whites, 15.6 among blacks, 4.2 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 13 times that of whites.
- The rate among Hispanics was 3.5 times that of whites.

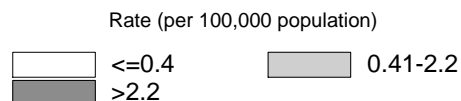
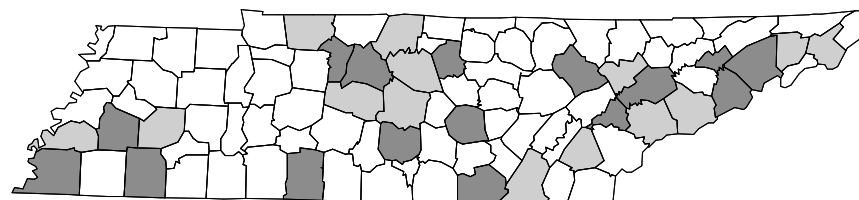
Congenital syphilis

- **CASES:** Tennessee reported 3 cases in 2005.
- **RATES:** Tennessee ranked 18 among 28 states + 2 territories reporting at least one congenital syphilis case: 3.8 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Tennessee, 1996-2005



Total P&S Syphilis Rates by County, Tennessee, 2005



Texas, 2005

Primary and secondary syphilis

- **CASES:** Texas reported 873 cases in 2005.
- **RATES:** Texas ranked 10 among 50 states + DC + 3 territories: 3.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Texas, the rate among males was 5.6 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 2.2 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

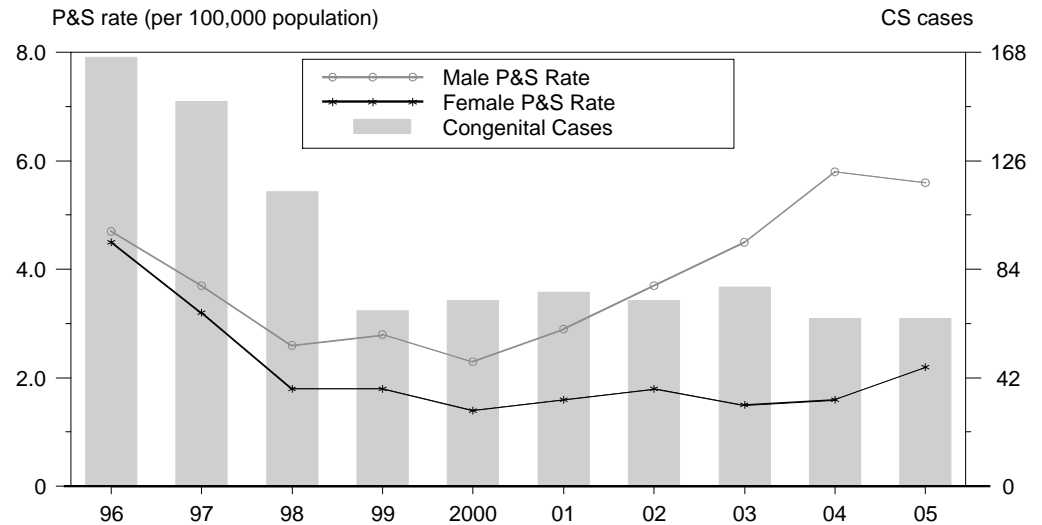
In Texas, the race/ethnicity adjusted rates per 100,000 population were 2.0 among whites, 15.7 among blacks, 3.1 among Hispanics, 0.9 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 7.9 times that of whites.
- The rate among Hispanics was 1.6 times that of whites.

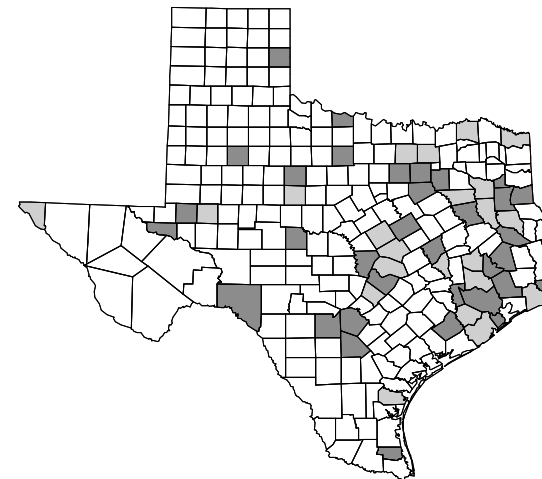
Congenital syphilis

- **CASES:** Texas reported 65 cases in 2005.
- **RATES:** Texas ranked 7 among 28 states + 2 territories reporting at least one congenital syphilis case: 17.2 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Texas, 1996-2005



Total P&S Syphilis Rates by County, Texas, 2005



Rate (per 100,000 population)



Utah, 2005

Primary and secondary syphilis

- **CASES:** Utah reported 10 cases in 2005.
- **RATES:** Utah ranked 46 among 50 states + DC + 3 territories: 0.4 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Utah, the rate among males was 0.8 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

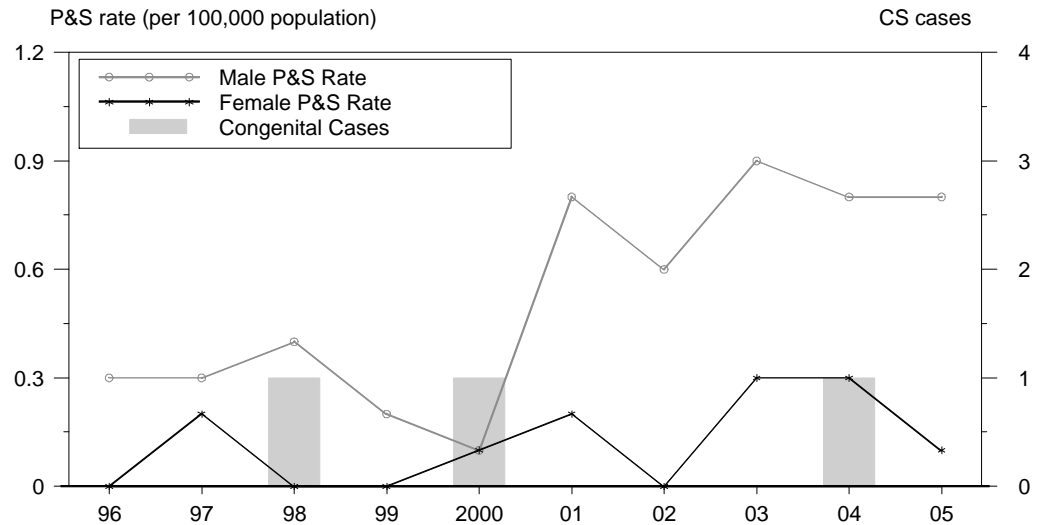
Racial disparities of primary and secondary syphilis

In Utah, the race/ethnicity adjusted rates per 100,000 population were 0.4 among whites, 0.0 among blacks, 0.4 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

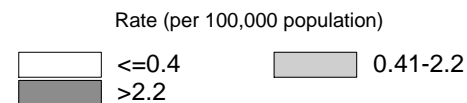
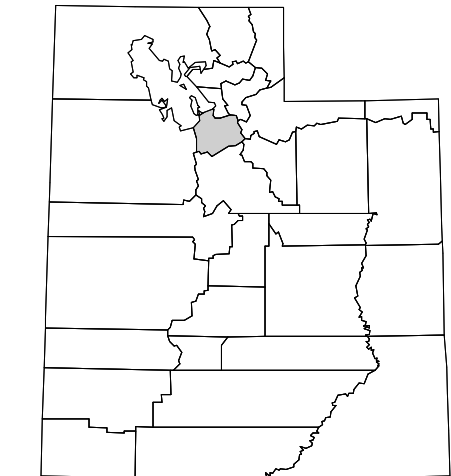
Congenital syphilis

- **CASES:** Utah reported 0 cases in 2005.
- **RATES:** Utah had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Utah, 1996-2005



Total P&S Syphilis Rates by County, Utah, 2005



Vermont, 2005

Primary and secondary syphilis

- **CASES:** Vermont reported 1 case in 2005.
- **RATES:** Vermont ranked 52 among 50 states + DC + 3 territories: 0.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Vermont, the rate among males was 0.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

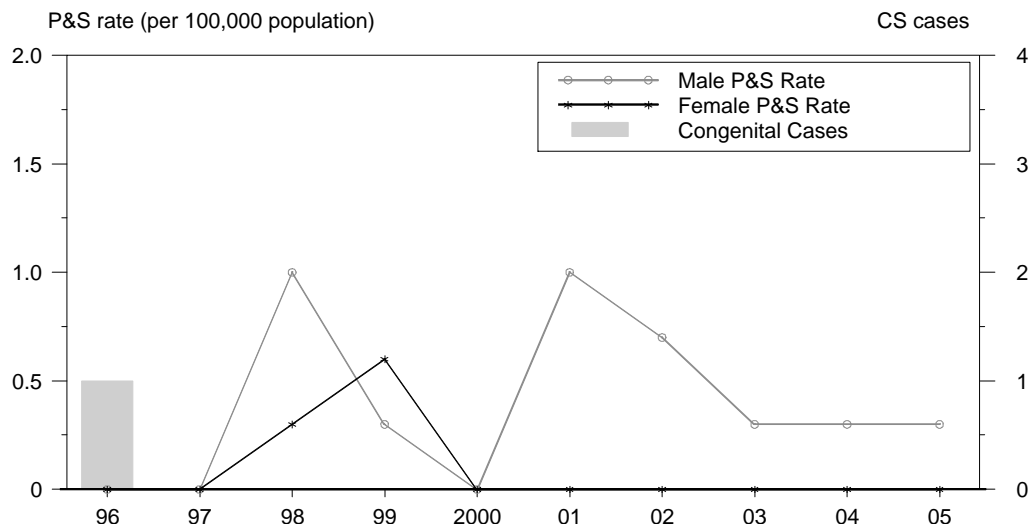
Racial disparities of primary and secondary syphilis

In Vermont, the race/ethnicity adjusted rates per 100,000 population were 0.2 among whites, 0.0 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

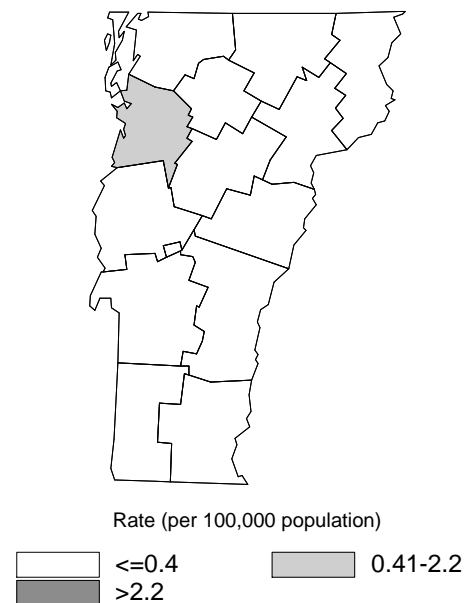
Congenital syphilis

- **CASES:** Vermont reported 0 cases in 2005.
- **RATES:** Vermont had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Vermont, 1996-2005



Total P&S Syphilis Rates by County, Vermont, 2005



Virginia, 2005

Primary and secondary syphilis

- **CASES:** Virginia reported 143 cases in 2005.
- **RATES:** Virginia ranked 21 among 50 states + DC + 3 territories: 1.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Virginia, the rate among males was 3.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.5 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

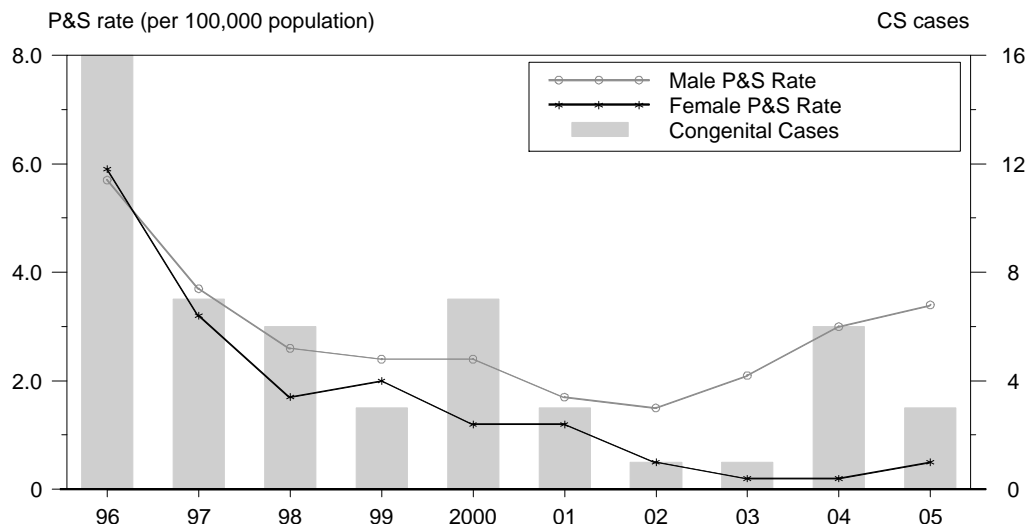
In Virginia, the race/ethnicity adjusted rates per 100,000 population were 1.0 among whites, 5.3 among blacks, 2.3 among Hispanics, 0.3 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 5.3 times that of whites.
- The rate among Hispanics was 2.3 times that of whites.

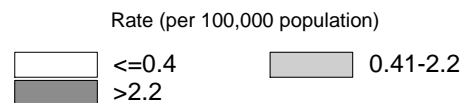
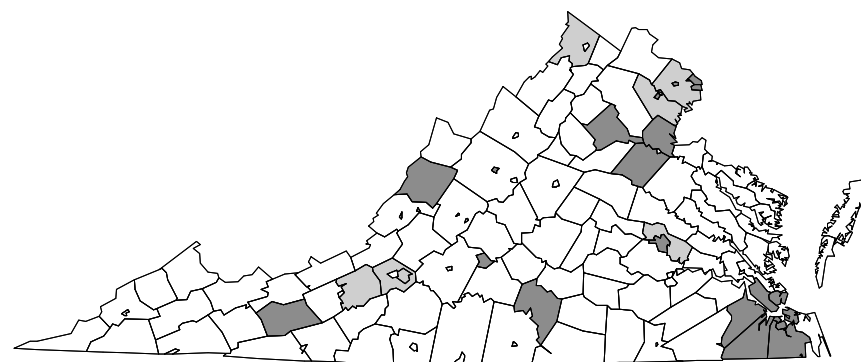
Congenital syphilis

- **CASES:** Virginia reported 3 cases in 2005.
- **RATES:** Virginia ranked 20 among 28 states + 2 territories reporting at least one congenital syphilis case: 3.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Virginia, 1996-2005



Total P&S Syphilis Rates by County, Virginia, 2005



Washington, 2005

Primary and secondary syphilis

- **CASES:** Washington reported 152 cases in 2005.
- **RATES:** Washington ranked 18 among 50 states + DC + 3 territories: 2.5 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Washington, the rate among males was 4.8 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.2 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

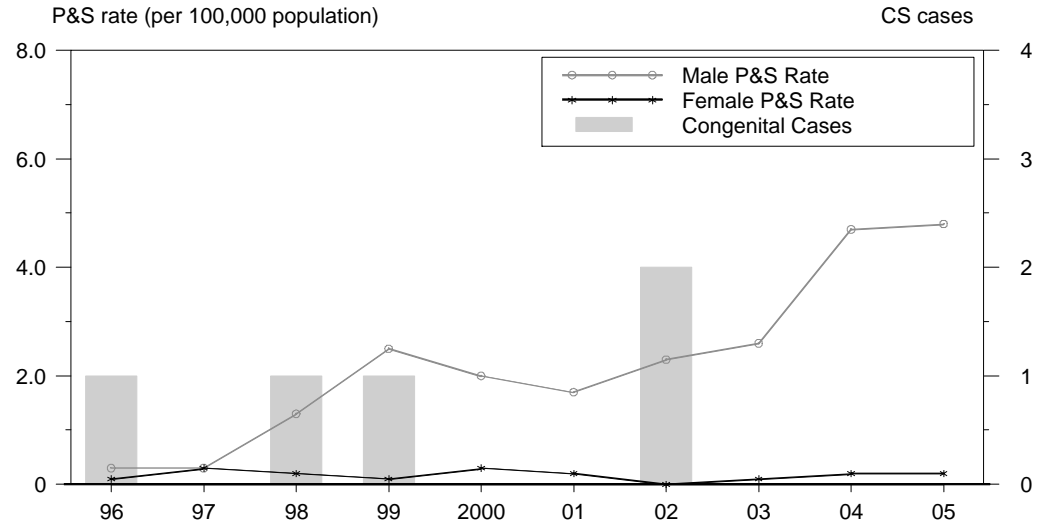
In Washington, the race/ethnicity adjusted rates per 100,000 population were 2.4 among whites, 4.2 among blacks, 3.0 among Hispanics, 1.8 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 1.8 times that of whites.
- The rate among Hispanics was 1.3 times that of whites.

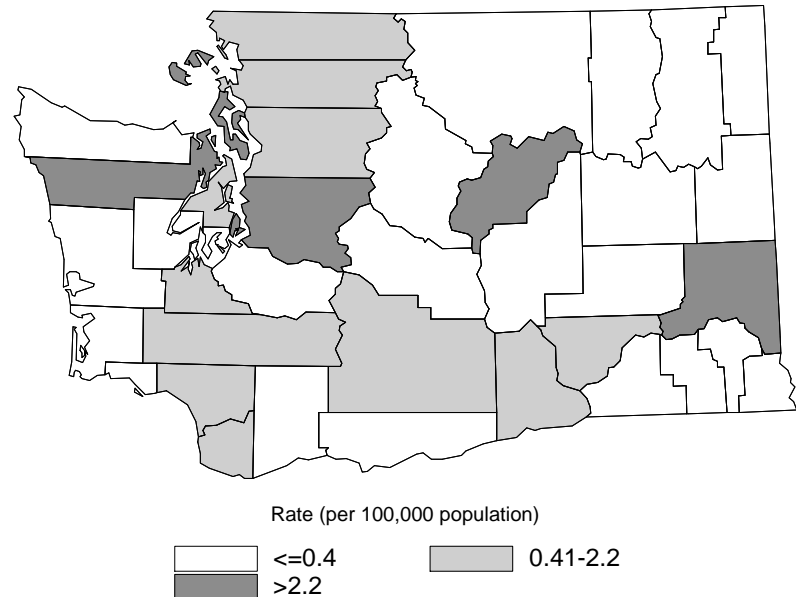
Congenital syphilis

- **CASES:** Washington reported 0 cases in 2005.
- **RATES:** Washington had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Washington, 1996-2005



Total P&S Syphilis Rates by County, Washington, 2005



West Virginia, 2005

Primary and secondary syphilis

- **CASES:** West Virginia reported 3 cases in 2005.
- **RATES:** West Virginia ranked 50 among 50 states + DC + 3 territories: 0.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In West Virginia, the rate among males was 0.3 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

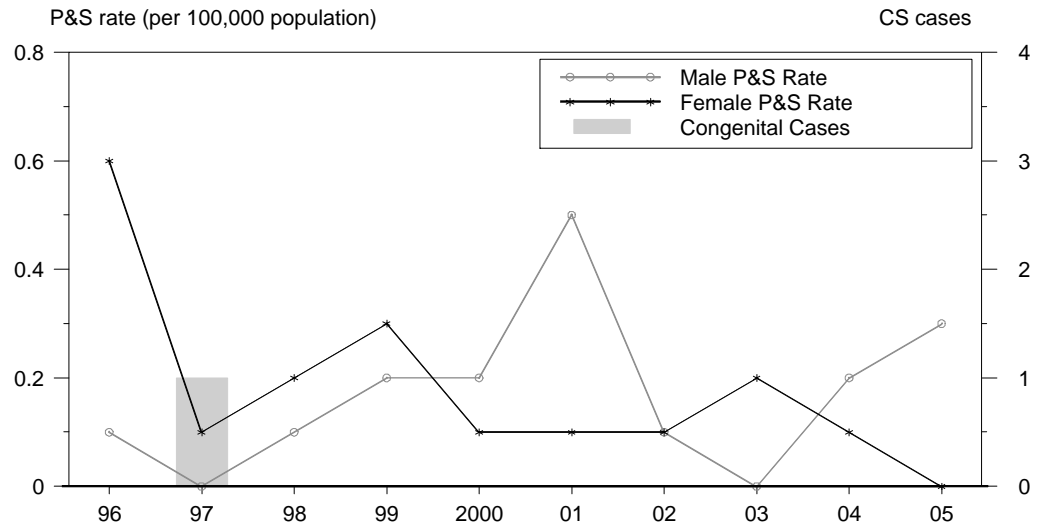
In West Virginia, the race/ethnicity adjusted rates per 100,000 population were 0.1 among whites, 1.6 among blacks, 0.0 among Hispanics, 0.0 among Asian/Pacific Islanders, and 0.0 among American Indians/Alaska Natives.

- The rate among blacks was 16 times that of whites.

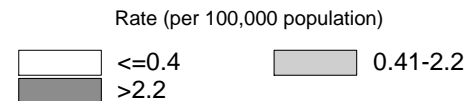
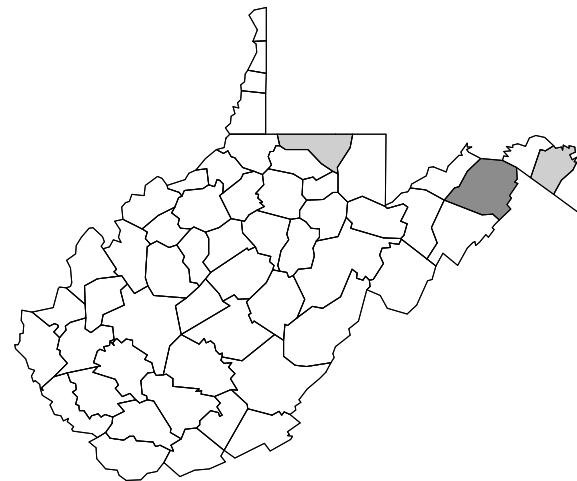
Congenital syphilis

- **CASES:** West Virginia reported 0 cases in 2005.
- **RATES:** West Virginia had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, West Virginia, 1996-2005



Total P&S Syphilis Rates by County, West Virginia, 2005



Wisconsin, 2005

Primary and secondary syphilis

- **CASES:** Wisconsin reported 41 cases in 2005.
- **RATES:** Wisconsin ranked 44 among 50 states + DC + 3 territories: 0.7 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

Male-female rates of primary and secondary syphilis

- In Wisconsin, the rate among males was 1.4 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Racial disparities of primary and secondary syphilis

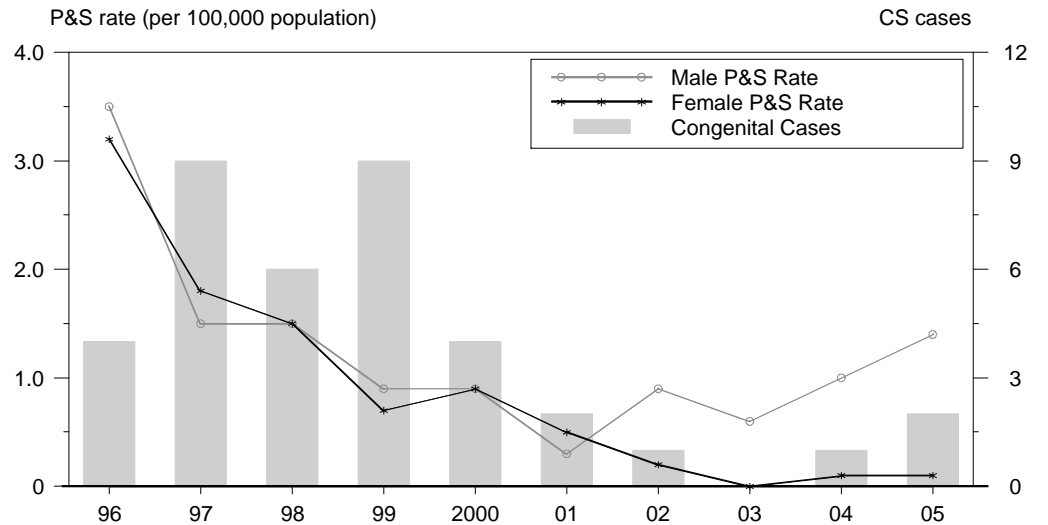
In Wisconsin, the race/ethnicity adjusted rates per 100,000 population were 0.6 among whites, 3.0 among blacks, 1.3 among Hispanics, 0.0 among Asian/Pacific Islanders, and 2.0 among American Indians/Alaska Natives.

- The rate among blacks was 5 times that of whites.
- The rate among Hispanics was 2.2 times that of whites.
- The rate among American Indians/Alaska Natives was 3.3 times that of whites.

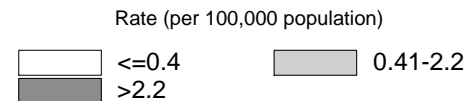
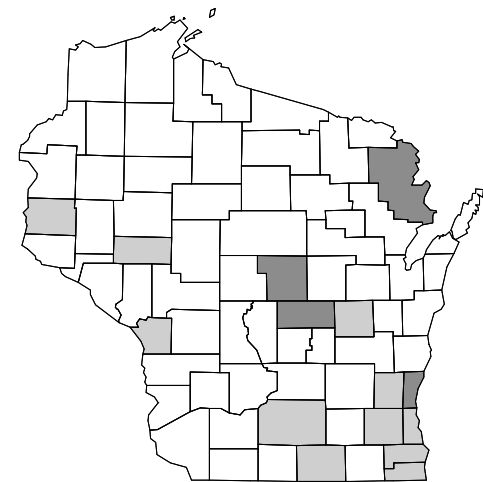
Congenital syphilis

- **CASES:** Wisconsin reported 2 cases in 2005.
- **RATES:** Wisconsin ranked 22 among 28 states + 2 territories reporting at least one congenital syphilis case: 2.9 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Wisconsin, 1996-2005



Total P&S Syphilis Rates by County, Wisconsin, 2005



Wyoming, 2005

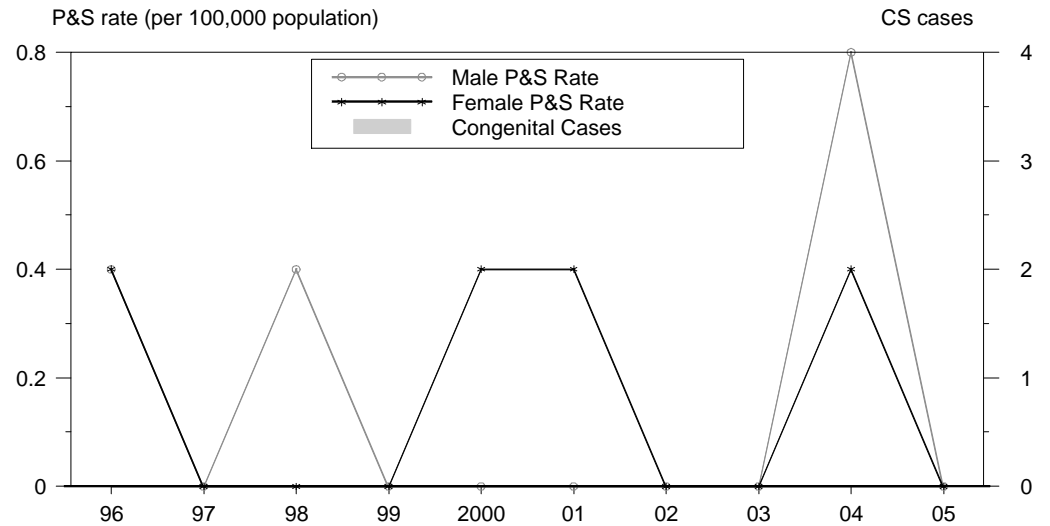
Primary and secondary syphilis

- **CASES:** Wyoming reported 0 cases in 2005.
- **RATES:** Wyoming ranked 54 among 50 states + DC + 3 territories: 0.0 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

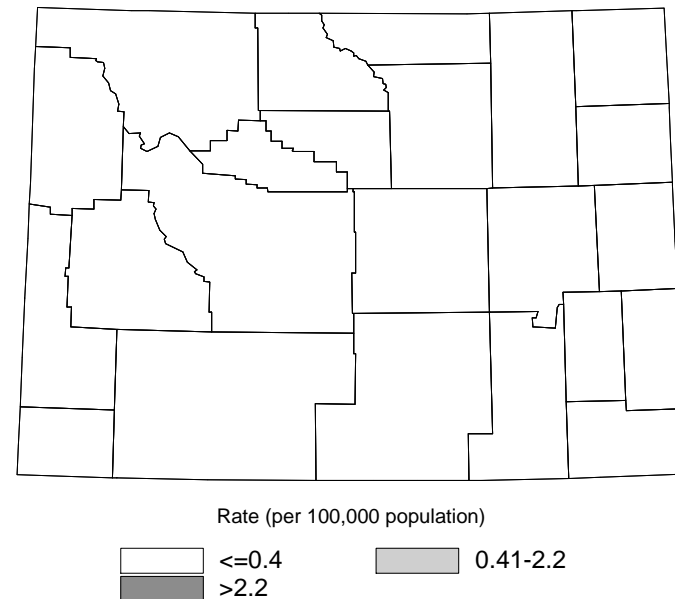
Congenital syphilis

- **CASES:** Wyoming reported 0 cases in 2005.
- **RATES:** Wyoming had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Wyoming, 1996-2005



Total P&S Syphilis Rates by County, Wyoming, 2005



Guam, 2005

Primary and secondary syphilis

- **CASES:** Guam reported 2 cases in 2005.
- **RATES:** Guam ranked 36 among 50 states + DC + 3 territories: 1.2 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

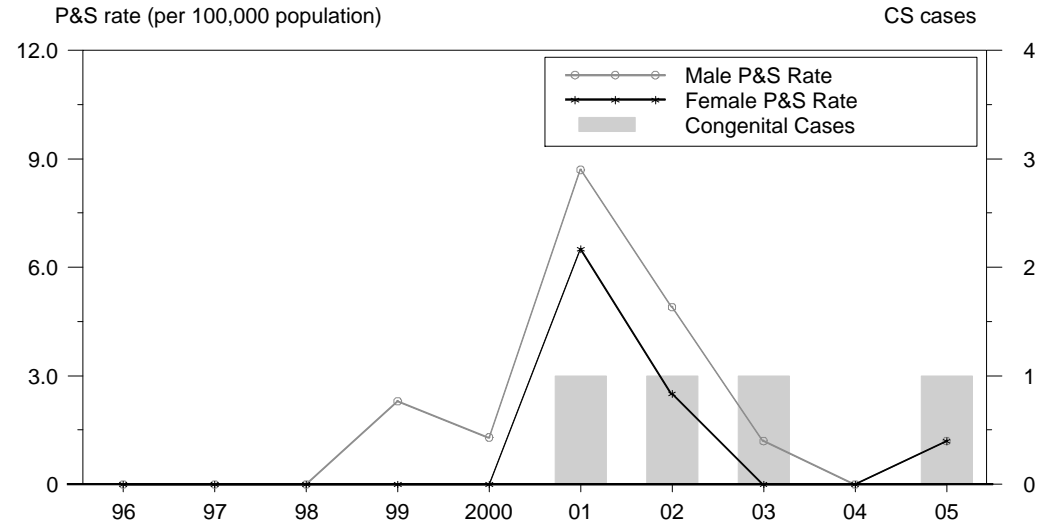
Male-female rates of primary and secondary syphilis

- In Guam, the rate among males was 1.2 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 1.2 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

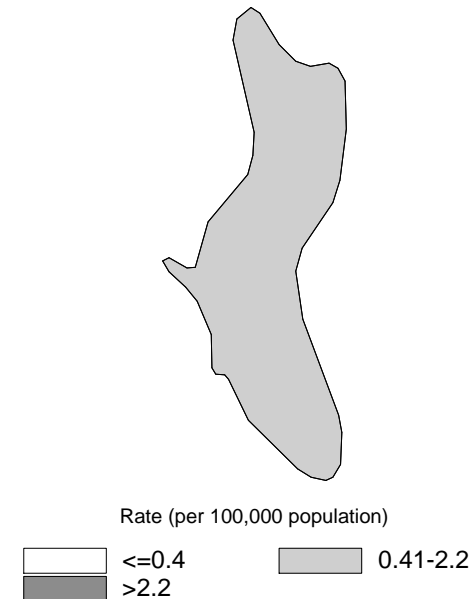
Congenital syphilis

- **CASES:** Guam reported 1 case in 2005.
- **RATES:** Guam ranked 2 among 28 states + 2 territories reporting at least one congenital syphilis case: 30.5 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Guam, 1996-2005



Total P&S Syphilis Rate, Guam, 2005



Puerto Rico, 2005

Primary and secondary syphilis

- **CASES:** Puerto Rico reported 226 cases in 2005.
- **RATES:** Puerto Rico ranked 4 among 50 states + DC + 3 territories: 5.8 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

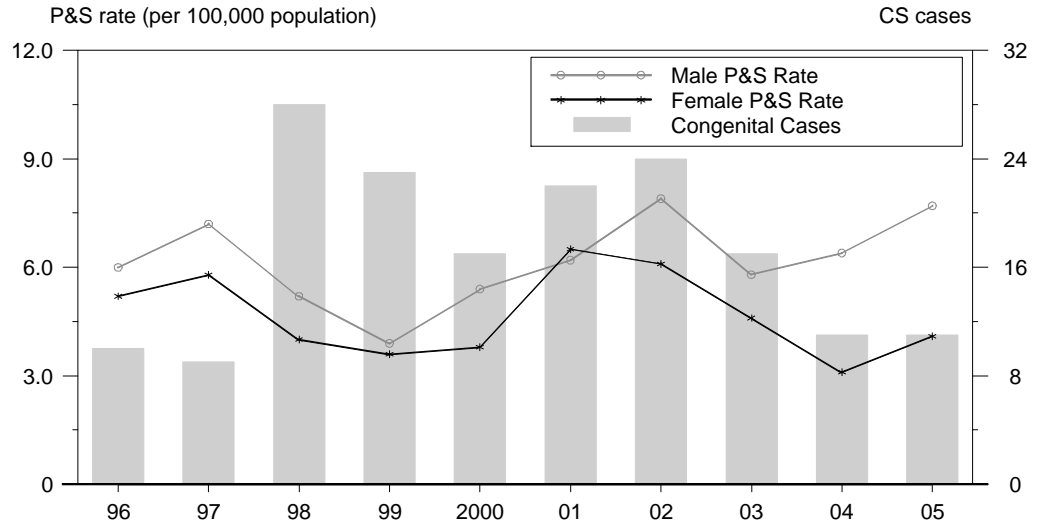
Male-female rates of primary and secondary syphilis

- In Puerto Rico, the rate among males was 7.7 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 4.1 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

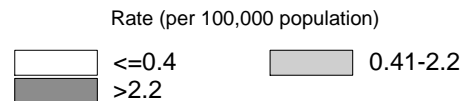
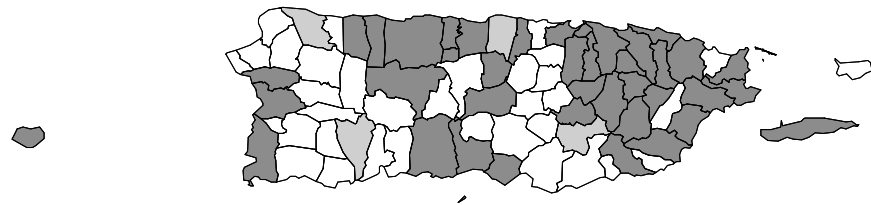
Congenital syphilis

- **CASES:** Puerto Rico reported 11 cases in 2005.
- **RATES:** Puerto Rico ranked 3 among 28 states + 2 territories reporting at least one congenital syphilis case: 21.7 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Puerto Rico, 1996-2005



Total P&S Syphilis Rates by Municipality, Puerto Rico, 2005



Virgin Islands, 2005

Primary and secondary syphilis

- **CASES:** Virgin Islands reported 1 case in 2005.
- **RATES:** Virgin Islands ranked 42 among 50 states + DC + 3 territories: 0.9 cases per 100,000 population compared to the U.S. rate of 3.0 cases per 100,000 population.

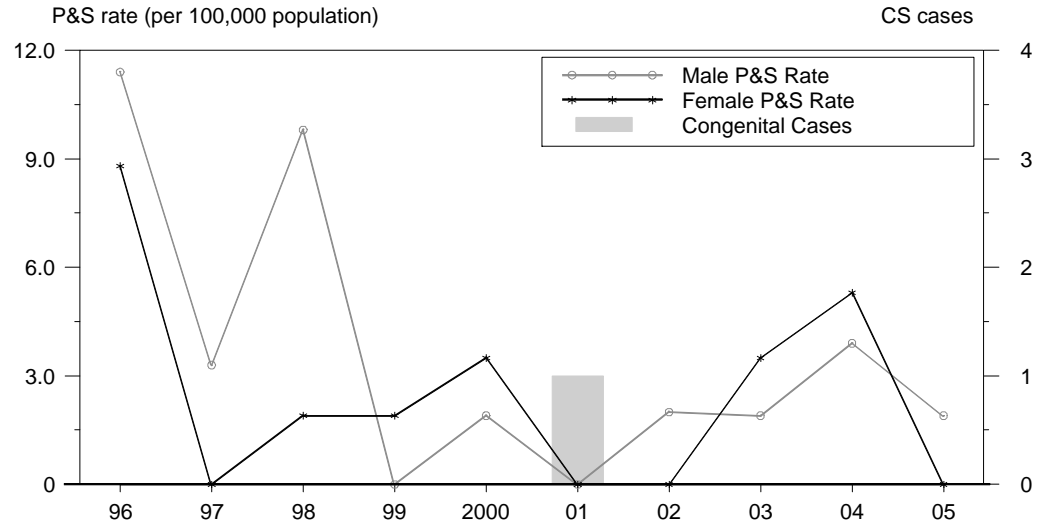
Male-female rates of primary and secondary syphilis

- In Virgin Islands, the rate among males was 1.9 per 100,000 population compared to the U.S. male rate of 5.1 per 100,000.
- The rate among females was 0.0 per 100,000 compared to the U.S. female rate of 0.9 per 100,000.

Congenital syphilis

- **CASES:** Virgin Islands reported 0 cases in 2005.
- **RATES:** Virgin Islands had a rate of 0.0 cases per 100,000 live births compared to the U.S. rate of 8.0 cases per 100,000.

Syphilis: P&S Rates and Congenital Cases, Virgin Islands, 1996-2005



Total P&S Syphilis Rate, Virgin Islands, 2005

