

**BUREAU OF SEXUALLY  
TRANSMITTED DISEASE  
PREVENTION AND EPIDEMIOLOGY**

*NEW YORK STATE DEPARTMENT OF HEALTH*

**STD STATISTICAL ABSTRACT**

2009

## STD STATISTICAL ABSTRACT 2009

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## STD STATISTICAL ABSTRACT 2009

Sexually transmitted diseases (STDs) are a major public health challenge in the United States (US) and continue to have a significant impact on the health, safety and welfare of citizens of New York State (NYS). The Centers for Disease Control and Prevention (CDC) estimates there are approximately 19 million new STD infections nationwide each year. There were more than 1.5 million cases of *Chlamydia* and gonorrhea reported to CDC in 2009 and as in prior years, STDs are overwhelmingly the leading category of reported communicable diseases in NYS. The 113,805 STD cases reported to NYS, including New York City (NYC), during 2009 comprise 55 percent of all communicable diseases reported statewide. This document summarizes 2009 statewide data on trends in STDs that are required to be reported to the NYS Department of Health (NYSDOH) pursuant to NYS Public Health Law 2102: syphilis, gonorrhea and *Chlamydia*. These data, which are useful for examining overall trends and trends among specific populations at risk, represent only a proportion of the true burden of STDs in NYS. Many STDs go undiagnosed, and some highly prevalent viral STDs, such as human papilloma virus and genital herpes, are not reported at all.

### Syphilis

Table 1 displays trends in reported cases of primary, secondary, and early latent cases of syphilis in the US, NYC, and NYS outside of NYC (Upstate New York). The total number of cases of primary, secondary and early latent syphilis reported statewide in 2009 was 2,452, a five percent decrease from 2008. Comparisons of NYC data show that cases of primary and secondary (P&S) syphilis decreased by less than one percent and cases of early latent syphilis decreased seven percent from 2008 to 2009. In Upstate New York, cases of P&S syphilis decreased 12 percent while cases of early latent syphilis decreased seven percent. In 2009, 18 cases of congenital syphilis were reported statewide, a 28 percent decrease compared to 2008 (Table 2). Of these 18 cases, 11 were reported in NYC and seven were reported in Upstate New York.

The National Healthy People 2010 target for P&S syphilis rates is 0.2 cases per 100,000 population. All five of the NYC boroughs and 24 of the 57 Upstate New York counties exceeded this target for 2009 (Figure 5). The NYC counties with the highest rates of P&S syphilis were New York (28.6 per 100,000), Bronx (13.1 per 100,000), and Kings (12.5 per 100,000). The Upstate NYS counties with the highest rates of P&S syphilis were Chemung (4.4 per 100,000), Westchester (2.9 per 100,000), and Ulster (2.3 per 100,000) (Table 2, Figure 5).

The majority of P&S syphilis cases continued to occur among males with 1,128 cases reported in 2009 accounting for 95 percent of total cases (Table 3). The rate of P&S syphilis was highest among males in the 20-24 and 25-29 year age groups (29.8 per 100,000; 28.5 per 100,000, respectively) (Table 3). Among women, age-specific rates of P&S syphilis were highest among the 20-24 year age group (2.6 per 100,000).

## Gonorrhea

Gonorrhea is the second most common reported STD in NYS. In 2009, 17,009 cases of gonorrhea were reported statewide: 10,898 in NYC and 6,111 in Upstate New York. Nationally, the 2009 gonorrhea rate is at the lowest level ever recorded and an 11 percent decrease in cases was noted when compared to 2008. NYS data however, show a less than one percent decrease in gonorrhea cases over the same time period. By region, NYC cases increased four percent in 2009 compared to 2008 and Upstate New York saw an eight percent decrease for the same period (Table 6).

While gonorrhea case rates have declined over time, rates continued to exceed the National Healthy People 2010 objective of 19 cases per 100,000 in each region of NYS (see Figures 9-10). Rates in the Albany region of NYS, a 17-county area, the Buffalo region, an eight-county area, and the Syracuse region, a 14-county area all experienced a decrease in gonorrhea rates in 2009 compared to 2008 (Albany region: 37.8 per 100,000 vs. 48.1 per 100,000, respectively; Buffalo region: 103.7 per 100,000 vs 128.6 per 100,00, respectively; Syracuse region: 40.5 per 100,000 vs 41.4 per 100,00, respectively (Figure 11, Table 7, 2009 data only)). Gonorrhea rates in the Rochester region of NYS, a nine-county area, increased in 2009 compared to 2008 by four percent (2009: 121.0 per 100,000; 2008: 116.8 per 100,000). The NYC counties with the highest gonorrhea case rates were Bronx (227.3 per 100,000), New York (153.3 per 100,000), and Kings (142.5 per 100,000). The Upstate NYS counties with the highest rates of gonorrhea were Monroe (192.3 per 100,000), Erie (148.3 per 100,000), Albany (85.2 per 100,000), and Onondaga (80.7 per 100,000) (Figure 11, Table 7).

Overall, NYS rates of gonorrhea were higher in males than females (males: 99.4 per 100,000; females: 80.6 per 100,000). Comparison of 2009 data to 2008 show rates in males increased by nearly four percent and rates in females decreased five percent (Table 8). The burden of gonococcal infections was highest among adolescents and young adults. Statewide, rates were highest among 20-24 year old males (428.7 per 100,000) and 15-19 year old females (477.1 per 100,000) (Table 8). A similar distribution was seen in both NYC and Upstate New York rates, although 2009 rates among 20-24 year old males in NYC (638.8 per 100,000) were two and one half times higher than among 20-24 year old males in Upstate New York (253.4 per 100,000). Similarly, gonorrhea rates among 15-19 year old females in NYC (705.8 per 100,000) were over two times higher than among 15-19 year old females in Upstate New York (320.5 per 100,000).

## *Chlamydia*

In 2009, 92,075 cases of *Chlamydia* were reported in NYS, making it the most commonly reported communicable disease. *Chlamydia* morbidity has continued to increase since reporting was mandated in August 2000 (Figure 15). Statewide, 2009 figures represent an increase of four percent over 2008 with a three percent increase in NYC (2009: 58,353 cases; 2008: 56,448 cases) and a five percent increase in Upstate New York (2009: 33,722 cases; 2008: 32,012 cases), (Table 10). The national rate of *Chlamydia* in 2009 was 409.2 per 100,000; in NYS, eight counties exceeded this national rate (Table 11 &

Figure 17). In NYC, boroughs with the highest rates were: Bronx (1,289.0 per 100,000), Kings (758.4 per 100,000), New York (684.4 per 100,000), and Queens (482.5 per 100,000). In Upstate New York, the highest ranking county rates were Monroe (696.0 per 100,000), Erie (525.1 per 100,000), Onondaga (512.1 per 100,000), and Albany (437.6 per 100,000).

Women are disproportionately affected by *Chlamydia* (Figure 18). The statewide *Chlamydia* case rate for females in 2009 was more than twice the rate for males (649.1 per 100,000 vs. 308.4 per 100,000), (Table 12). Young women bear the burden of infections. In NYC, females aged 15-19 had the highest *Chlamydia* rates in 2009 (5,790.1 per 100,000). Among Upstate New York females, those 20-24 had the highest case rates (2,775.5 per 100,000) with the most number of cases reported among females aged 15-19 (9,580 cases). As with gonorrhea, males aged 20-24 had the highest *Chlamydia* rates regardless of region (NYC: 2,091.2 per 100,000; Upstate New York: 1,095.3 per 100,000), (Figure 20.1 & 20.2).

### ***Chlamydia* Prevalence**

In 1994, CDC established the National Infertility Prevention Project (IPP) to support screening for *Chlamydia trachomatis* infections among women. Infections with *Chlamydia trachomatis* are easily treated and cured, however, 70 percent of infections among women and 50 percent of infections among men are asymptomatic. Consequently, screening for *Chlamydia* is essential to detecting untreated infections and preventing serious sequelae which includes pregnancy loss and infertility. The Bureau of STD Prevention and Epidemiology (BSTDPE) uses IPP funds to support *Chlamydia* screening in selected clinics including STD, family planning, and adolescent clinics, jail/juvenile detention facilities, and college and community health centers. Federal age-based screening criteria are used to target *Chlamydia* screening. In family planning clinics, all women  $\leq 25$  years of age are screened at initial or annual visits, and in STD clinics, all women  $\leq 29$  years of age are screened. BSTDPE also uses state funds to conduct sentinel surveillance for *Chlamydia* in selected clinics among those counties with the highest morbidity. In these sentinel sites, all patients are screened for *Chlamydia* regardless of age or sex.

Historical data on the results of *Chlamydia* screening under NYSDOH STD IPP is presented in Table 14 and shows the same trend since data collection began; adolescents and young adults bear the highest burden of infections.

In 2009, close to 120,000 individuals were screened for *Chlamydia* in IPP prevalence sites (Table 15). Overall, the percent of individuals that were screened and tested positive in prevalence monitoring sites increased slightly from 2008 to 2009 (2008: 4.6 percent positive, 2009: 5.0 percent positive). The majority of screening was among women with 118,130 females screened. Of those women who were tested, 4.3 percent were positive for *Chlamydia*, a ten percent increase from 2008 when 3.9 percent of females tested positive. A total of 17,465 males were screened with 9.8 percent testing positive in 2009, which represents no change in the percent positive from 2008. Similar to 2008, the

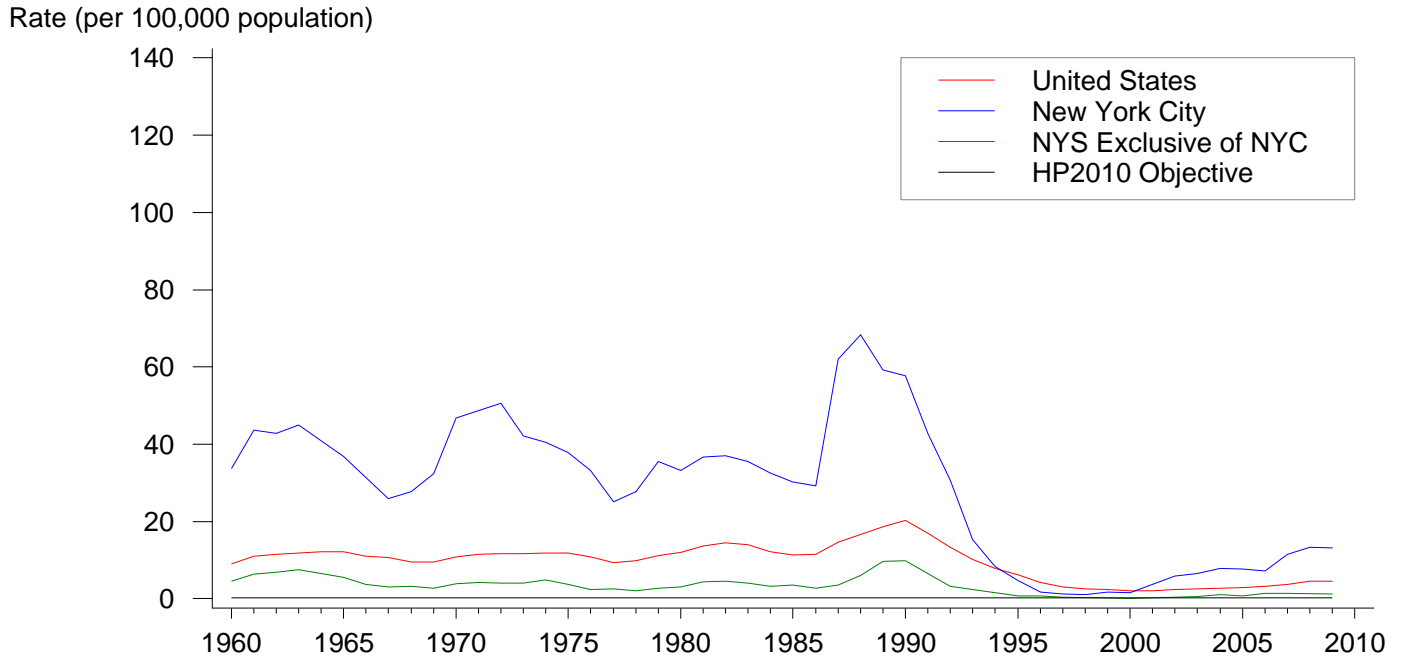
highest rates of infection by clinic were seen in adolescent health centers (18.0 percent positive) with 11.4 percent of female and 27.4 percent of male adolescent health center patients testing positive (Table 15). By age group, positivity was highest among males 15-19 years of age (13.4 percent). Among females, adolescents were disproportionately affected with positivity highest in the 10-14 and 15-19 age groups (8.4 percent and 7.6 percent, respectively), although these results should be interpreted with caution given the small number of tests in the youngest age group.

*Chlamydia* screening in sentinel sites was targeted at clients of STD clinics, and jails and juvenile detention centers in selected counties. Over 31,000 individuals were screened with males accounting for 70 percent of tests (Table 16). In STD clinics, the highest positivity was seen among females in the 10-14 year old age group (32.7 percent) and among males 15-19 years of age (26.5 percent). Please note these results should be interpreted with caution given the small number of tests in the youngest age group. In correctional settings, the highest positivity was seen in females 15-19 years of age (15.6 percent) and males 20-24 years of age (8.3 percent).

Reporting of suspected or confirmed cases of communicable diseases is required under the NYS Public Health Law and Sanitary Code (PHL 2102, NYC RR 2.10, 2.12). These requirements apply primarily to health care providers and laboratories, however, schools, nursing homes/hospitals and state institutions or other locations providing health services are also required to report cases to the local health department in the county in which the patient resides. Assistance with reporting cases of STDs is available in NYS by calling NYSDOH BSTDPE at (518) 474-3598 or in NYC by calling the NYC Department of Health and Mental Hygiene (NYCDOHMH) Bureau of STD Control at (212) 788-4423.

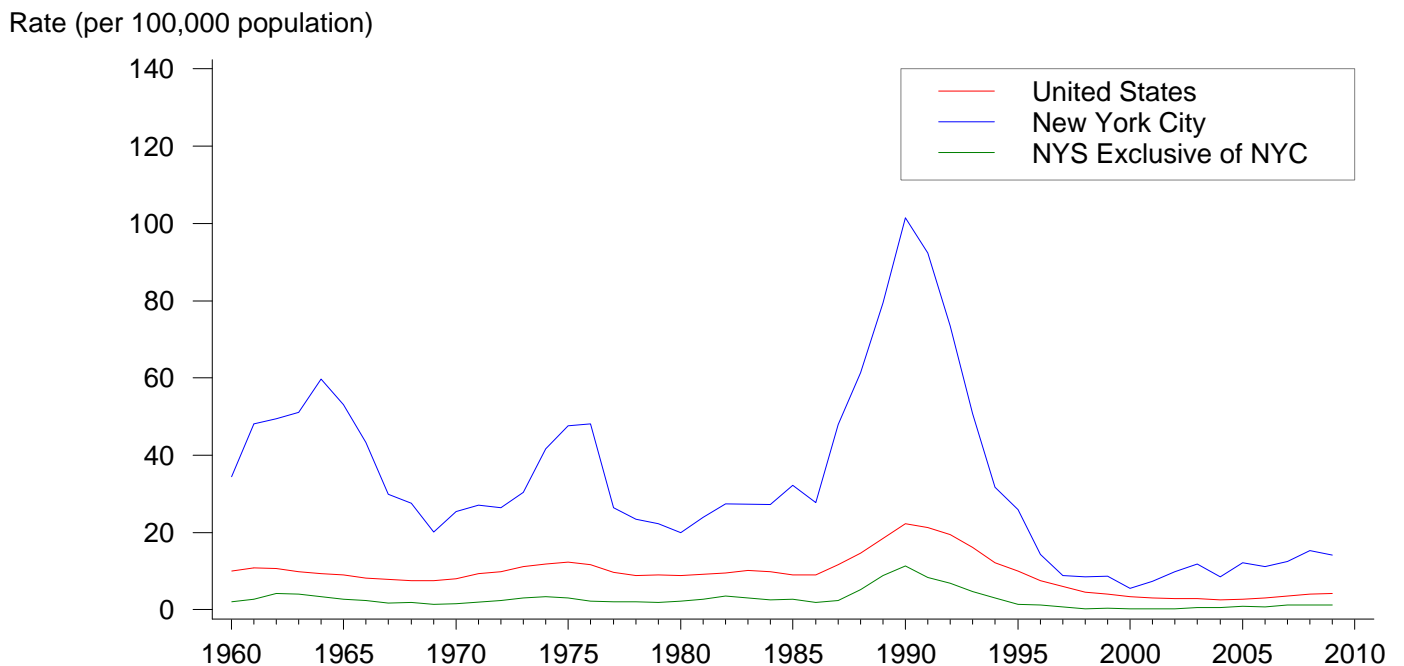
National surveillance data for *Chlamydia*, gonorrhea and syphilis are presented in the CDC's report *Sexually Transmitted Disease Surveillance 2009* available at [www.cdc.gov/std/stats](http://www.cdc.gov/std/stats). NYCDOHMH Bureau of STD Control also issues an annual report of 2009 surveillance data available at [www.nyc.gov/std](http://www.nyc.gov/std).

**Figure 1. Primary and Secondary Syphilis -- Reported Rates: 1960-2009, and the Healthy People 2010 (HP2010) Objective**

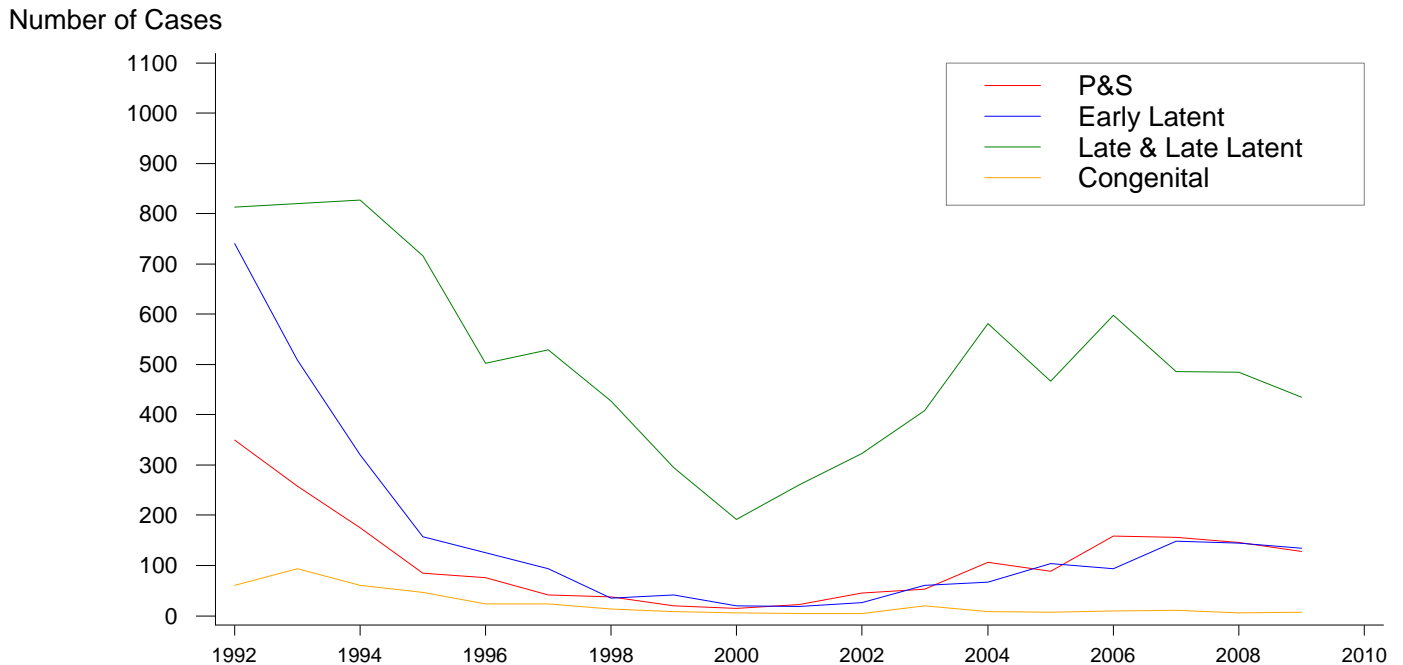


Note: The HP2010 Objective for primary and secondary syphilis is 0.2 case per 100,000 population.

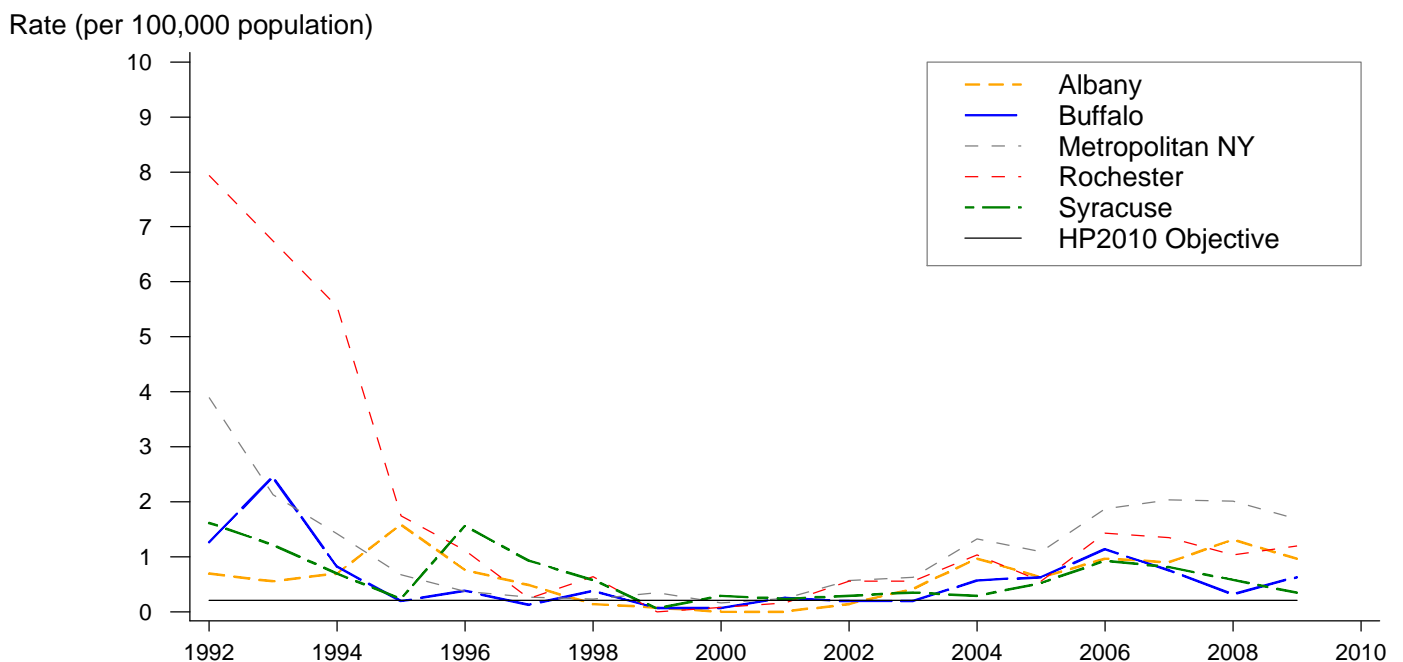
**Figure 2. Early Latent Syphilis -- Reported Rates: 1960-2009**



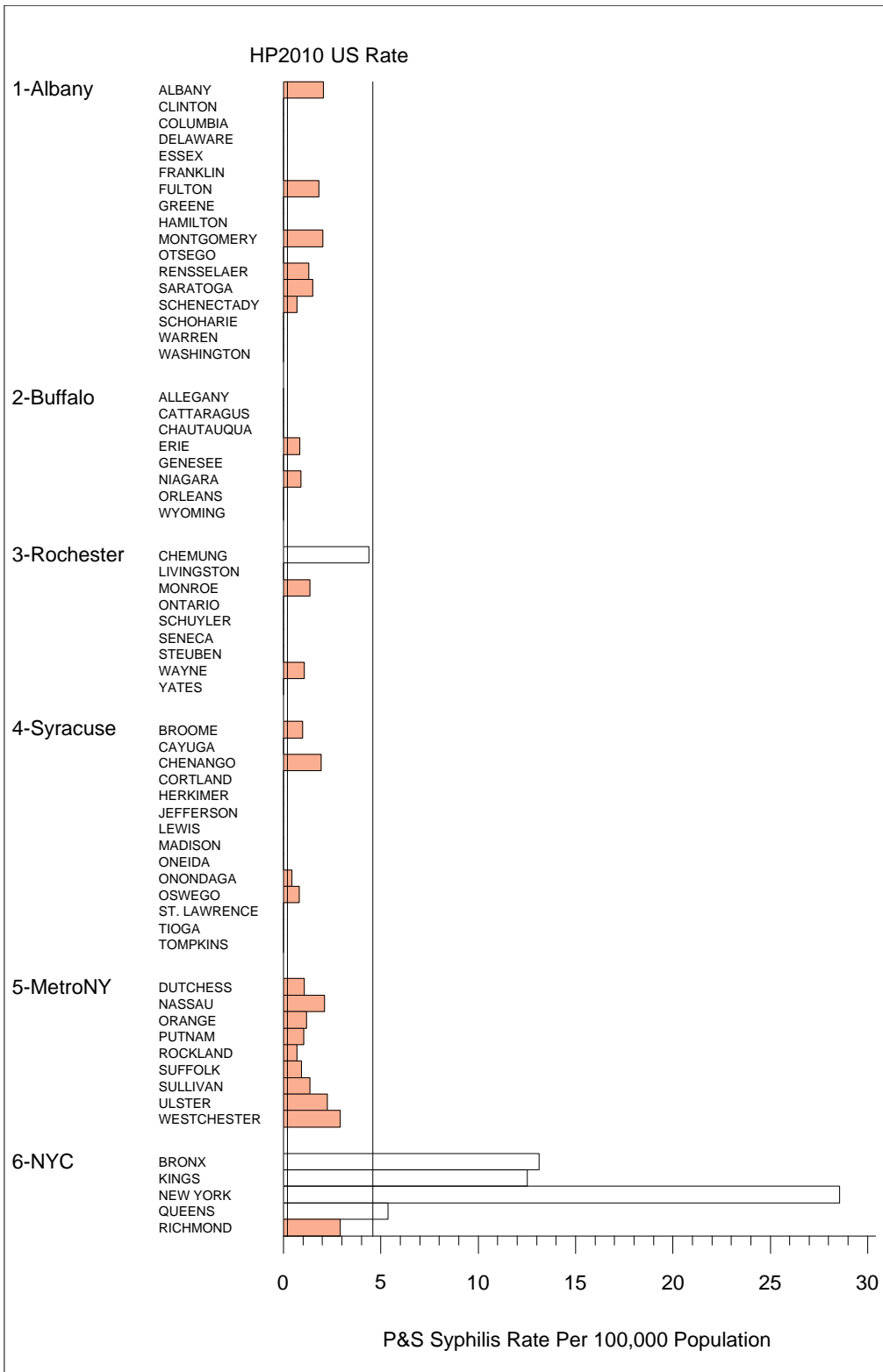
**Figure 3. Syphilis -- Reported Cases by Stage: NYS Exclusive of NYC, 1992-2009**



**Figure 4. Primary and Secondary Syphilis -- Reported Rates by Region: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**

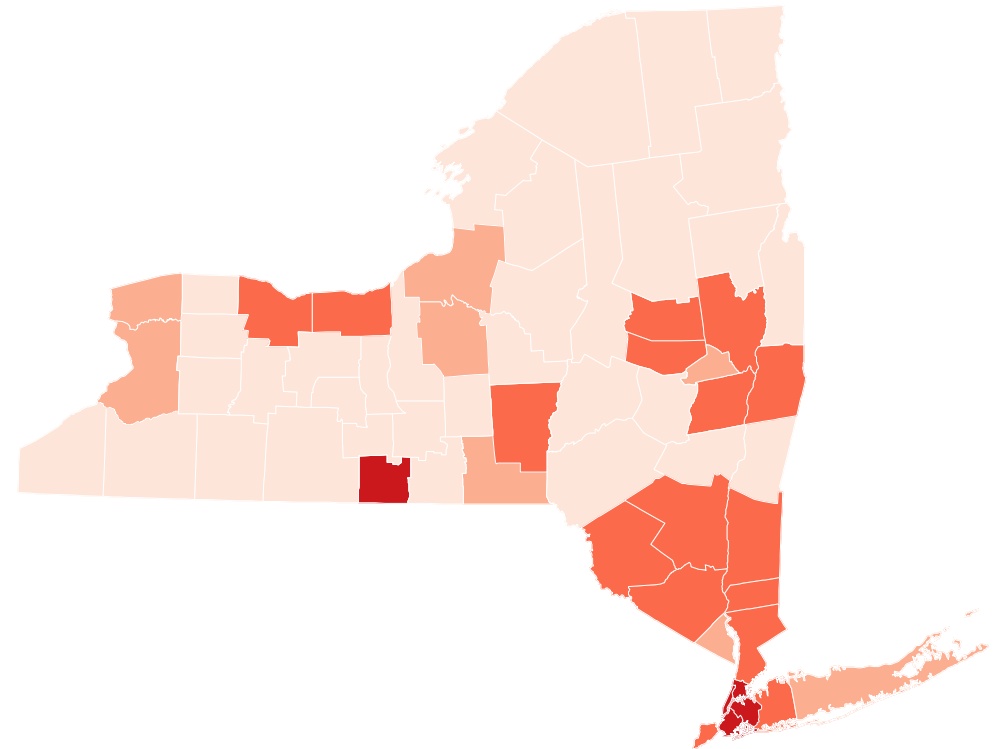
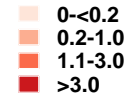


Note: The HP2010 Objective for primary and secondary syphilis is 0.2 case per 100,000 population.



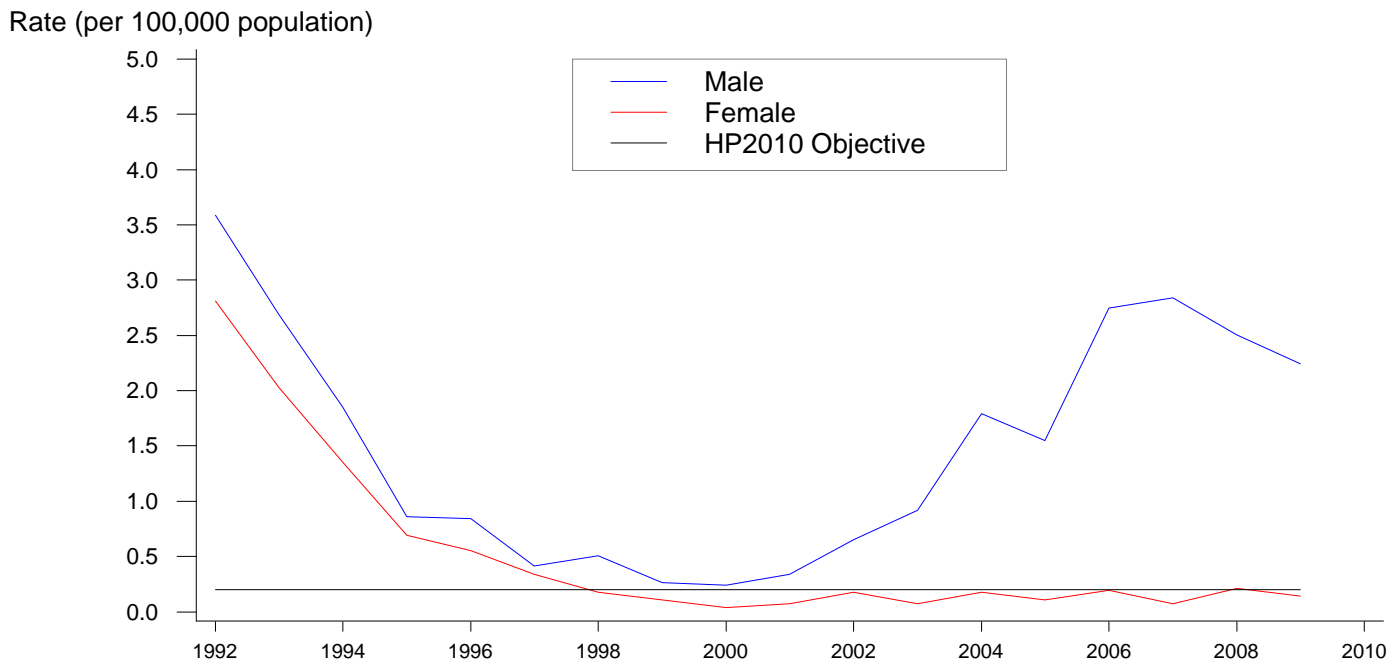
**Figure 5. Primary and Secondary Syphilis Rates by County:  
New York State, 2009**

**P&S Syphilis Rate Per 100,000 Population**

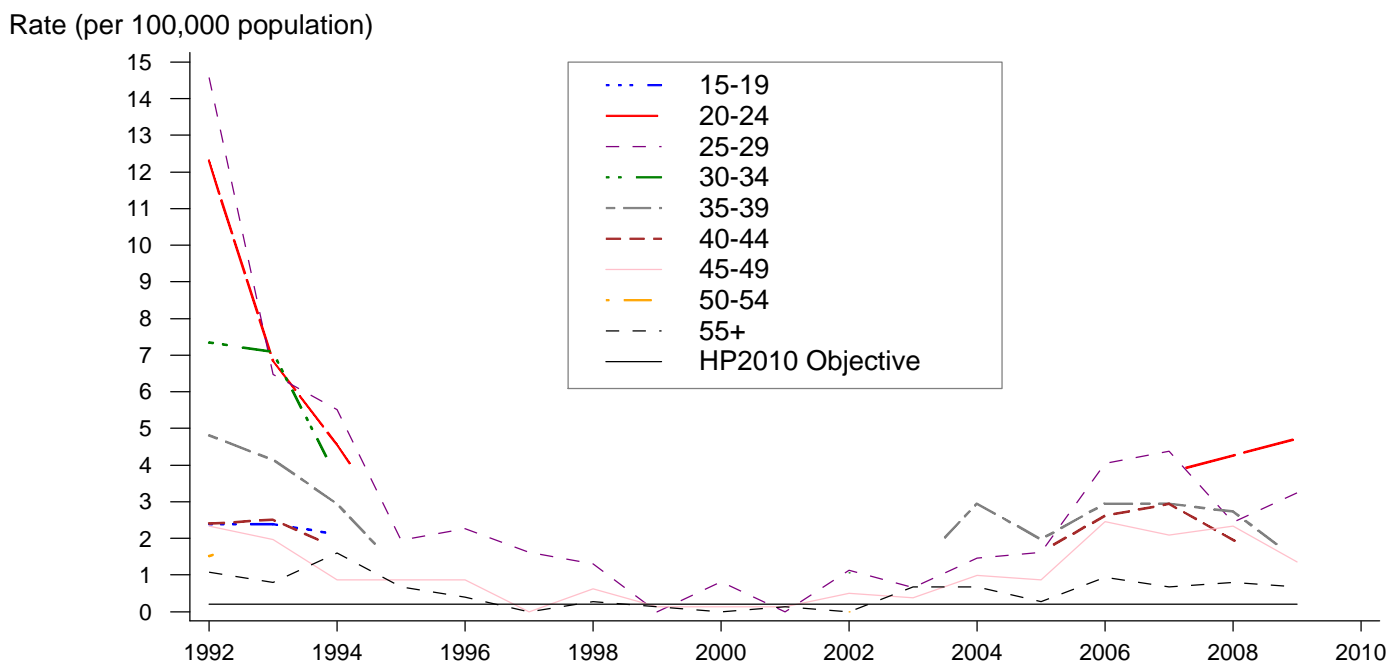


Note: The HP2010 Objective for primary and secondary syphilis is 0.2 case per 100,000 population.  
The 2009 US national rate for primary and secondary syphilis is 4.6 cases per 100,000 population.

**Figure 6. Primary and Secondary Syphilis -- Reported Rates by Sex: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**

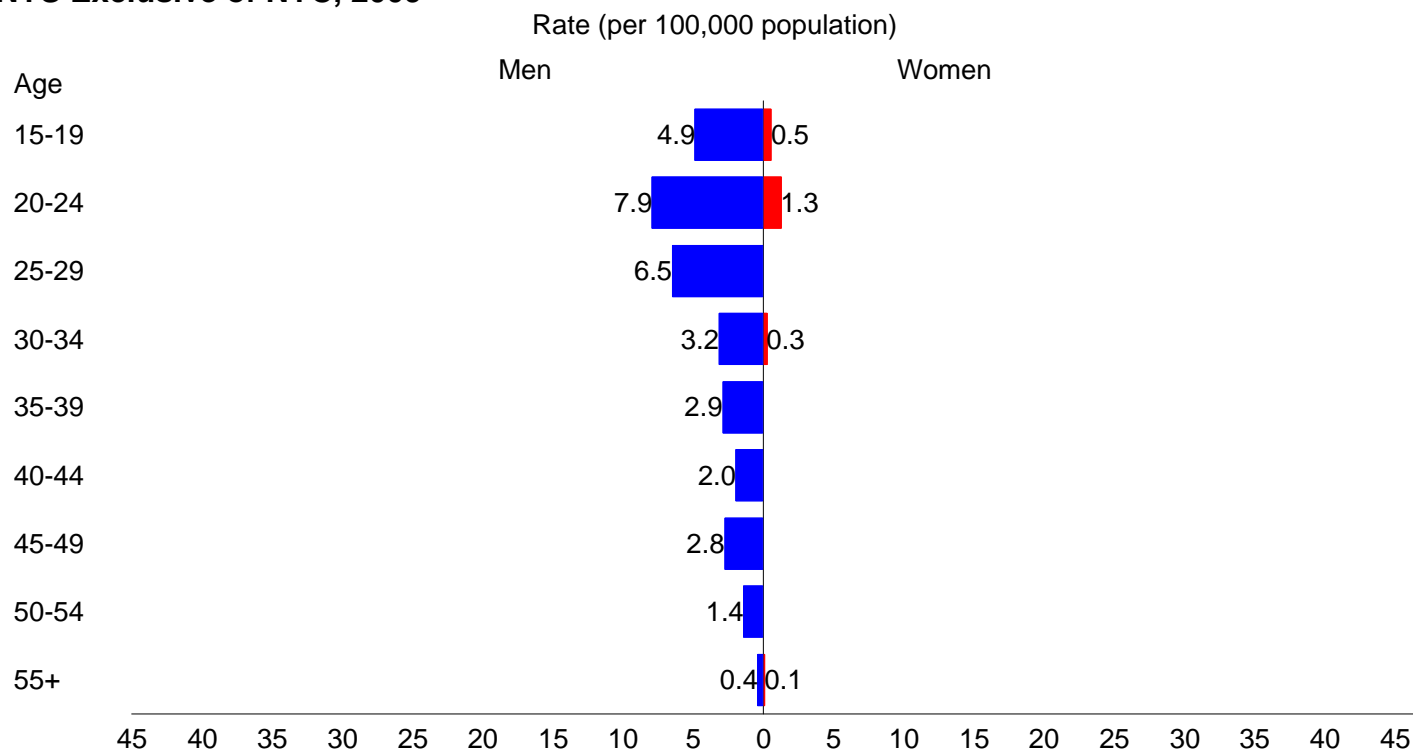


**Figure 7. Primary and Secondary Syphilis -- Reported Rates by Age: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**

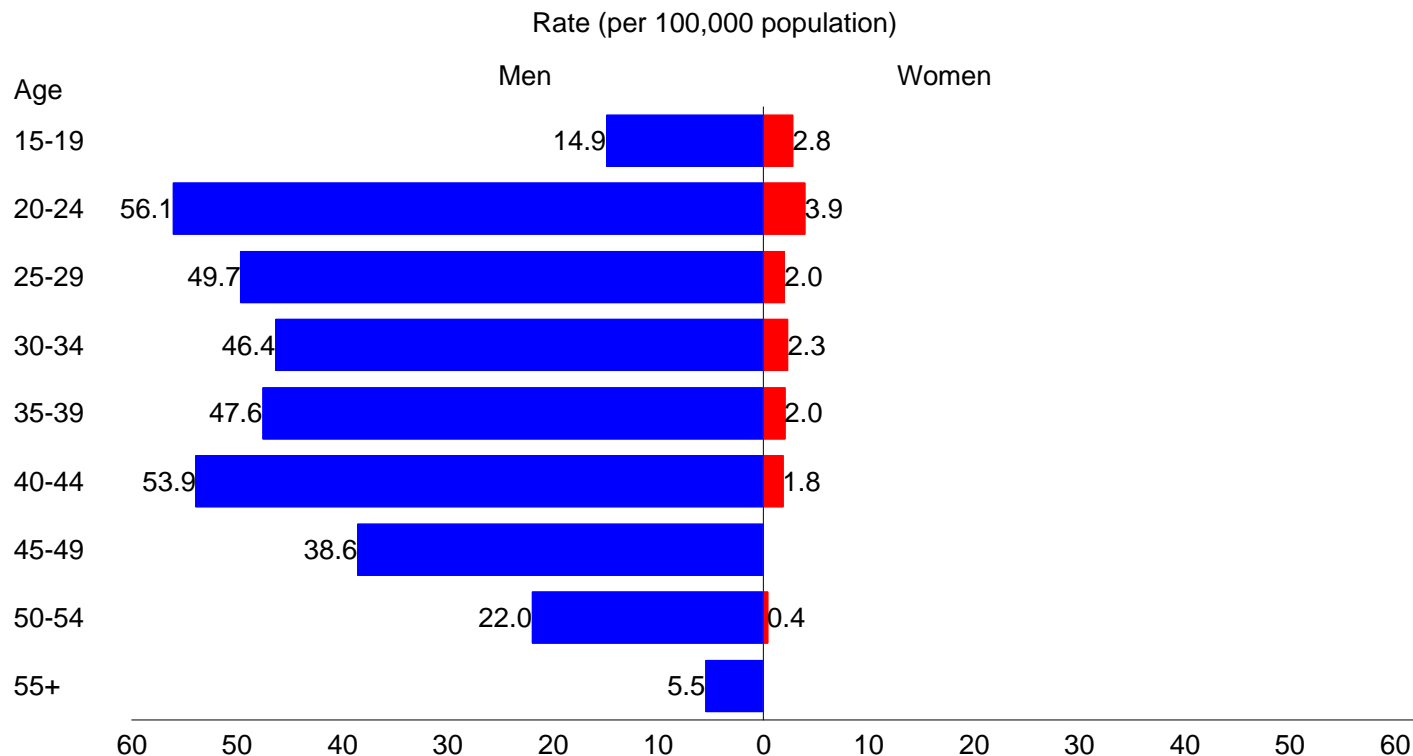


Note: The HP2010 Objective for primary and secondary syphilis is 0.2 case per 100,000 population.

**Figure 8.1 Primary and Secondary Syphilis -- Age- and Sex-Specific Rates: NYS Exclusive of NYC, 2009**

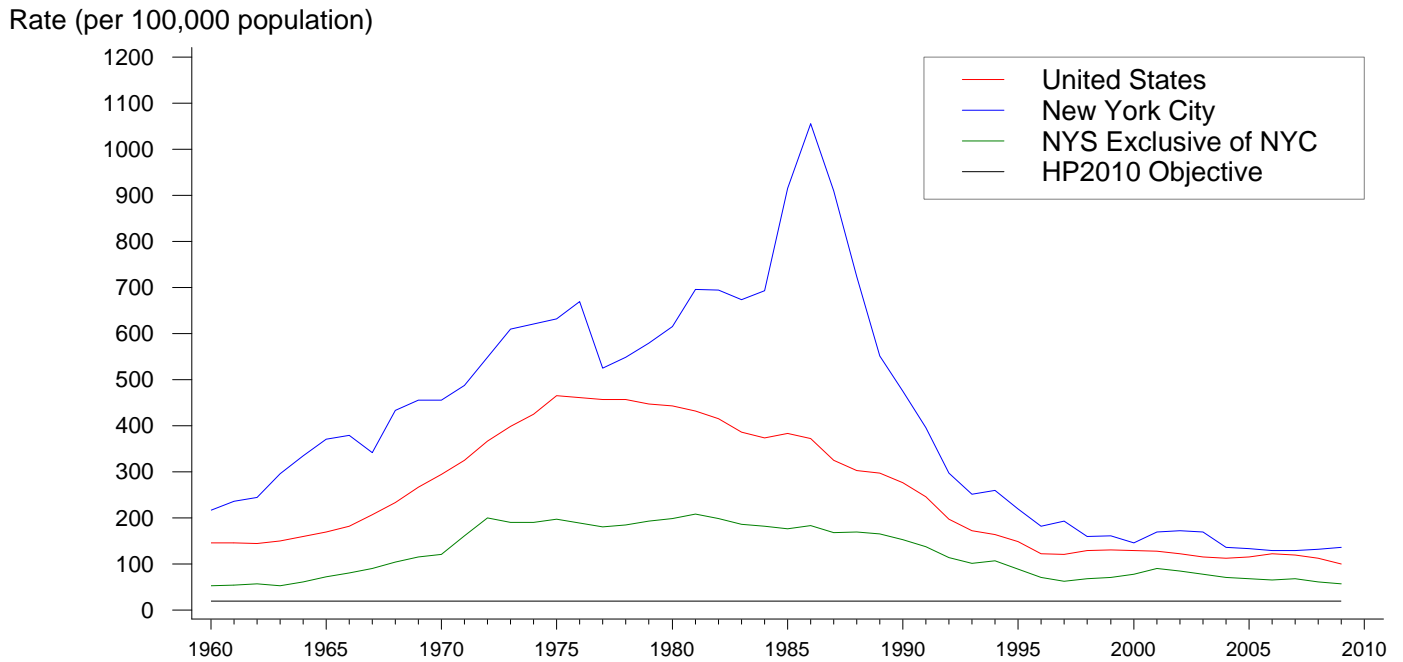


**Figure 8.2 Primary and Secondary Syphilis -- Age- and Sex-Specific Rates: NYC, 2009**

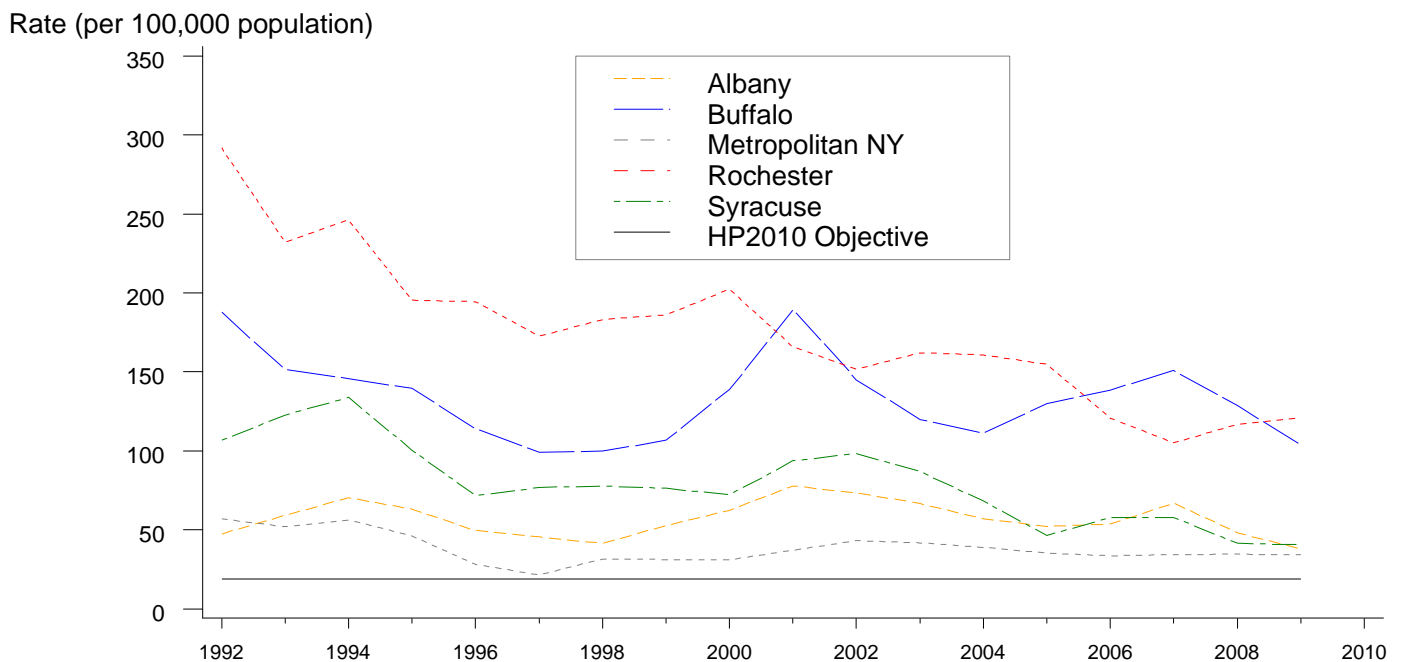


Note: The HP2010 Objective for primary and secondary syphilis is 0.2 case per 100,000 population.

**Figure 9. Gonorrhea -- Reported Rates: 1960-2009, and the Healthy People 2010 (HP2010) Objective**

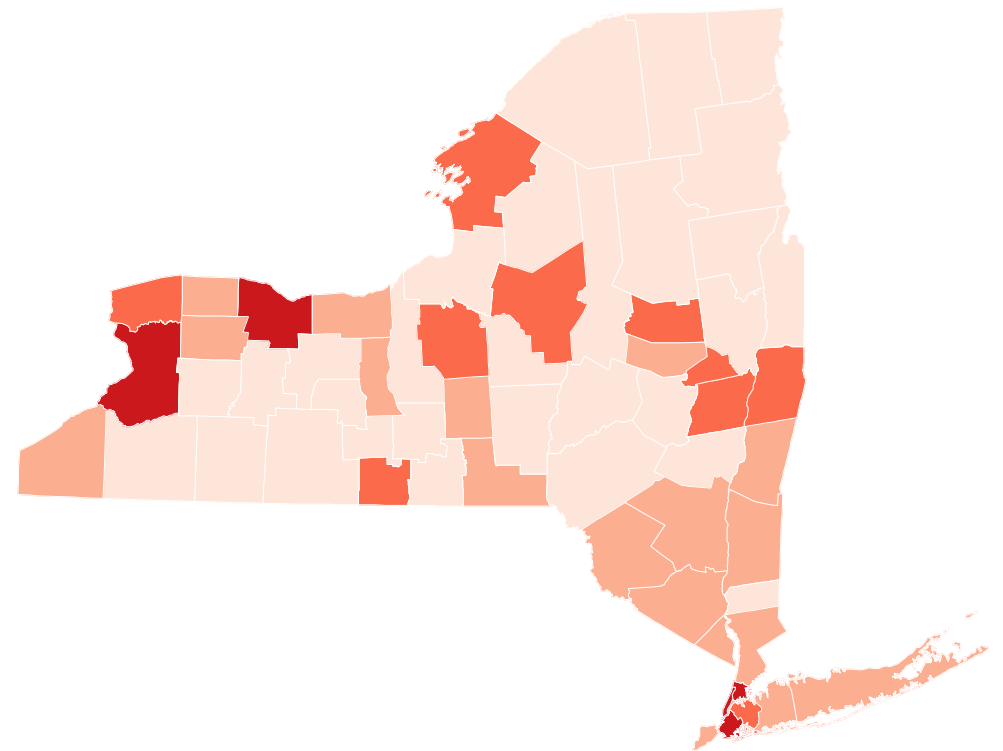
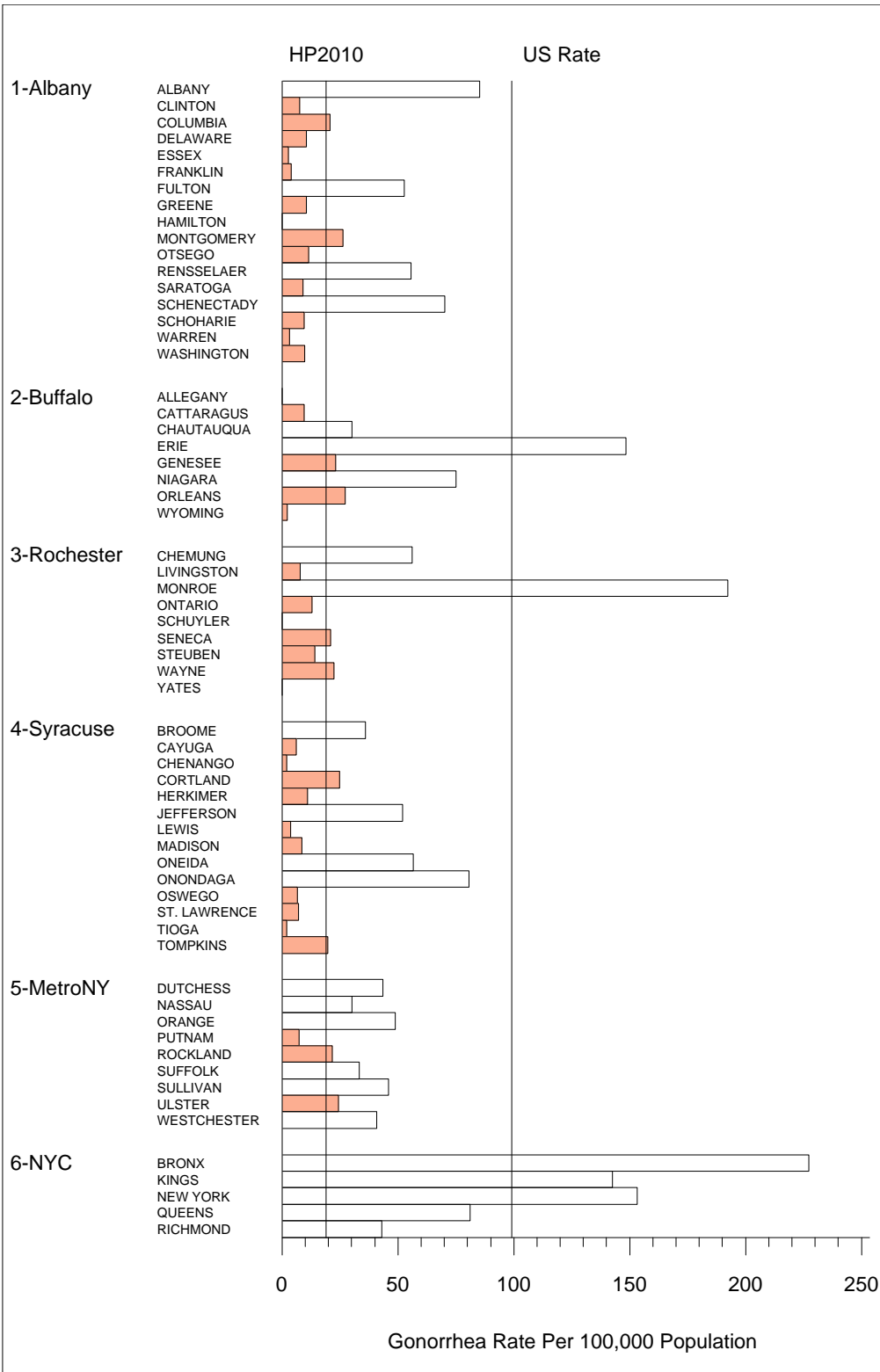


**Figure 10. Gonorrhea -- Reported Rates by Region: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**



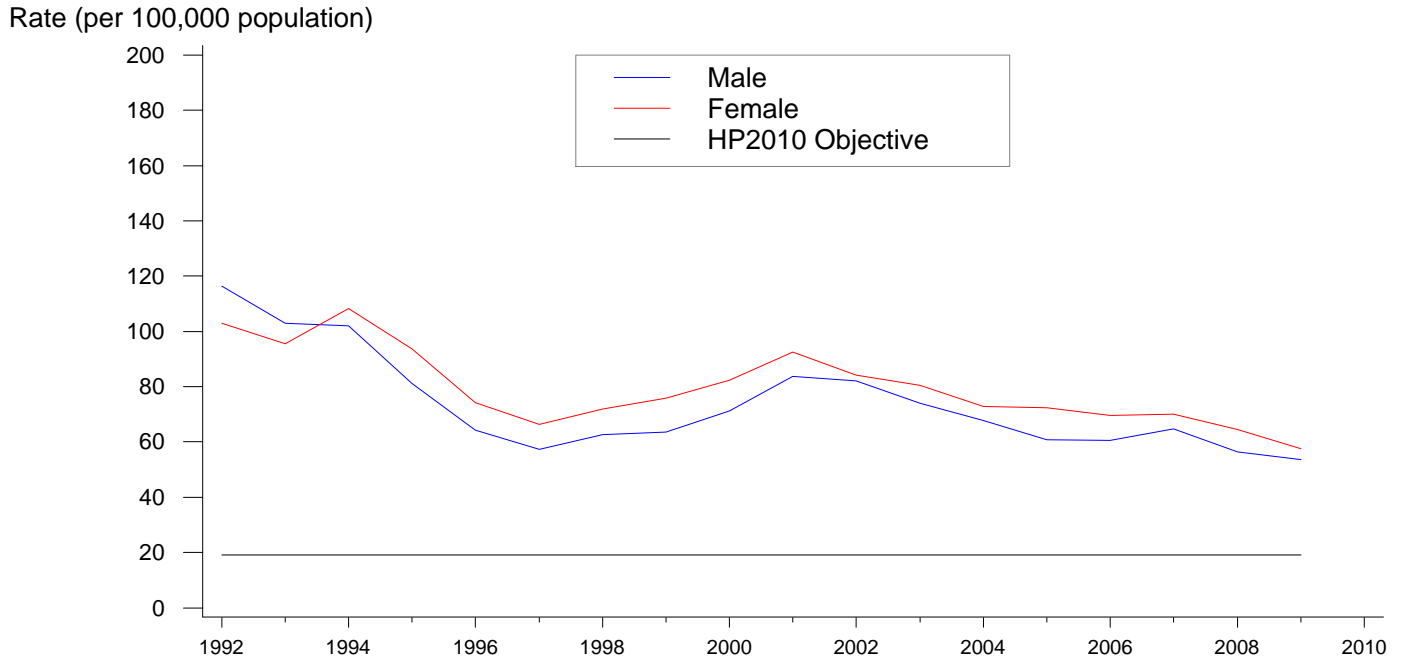
Note: The HP2010 Objective for gonorrhea is 19 case per 100,000 population.

**Figure 11. Gonorrhea Rates by County:  
New York State, 2009**

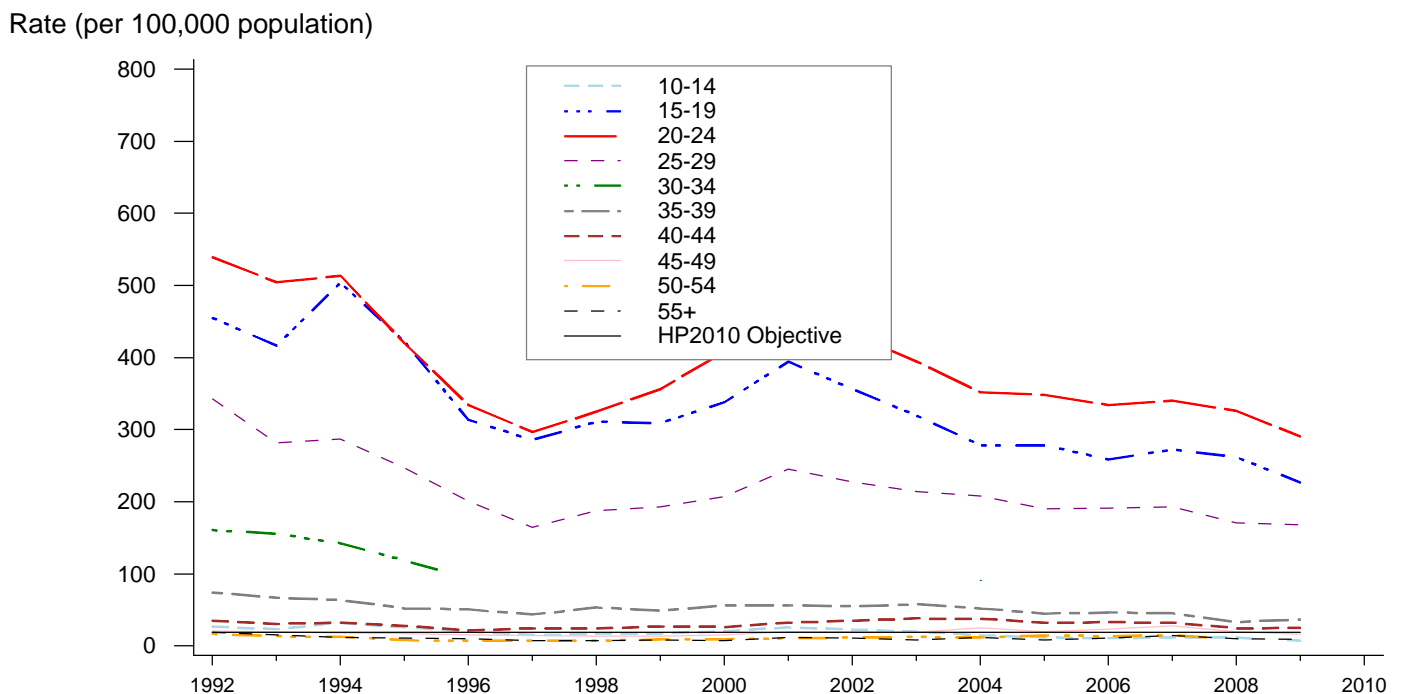


Note: The HP2010 Objective for gonorrhea is 19 case per 100,000 population.  
The 2009 US national rate for gonorrhea is 99.1 cases per 100,000 population.

**Figure 12. Gonorrhea -- Reported Rates by Sex: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**

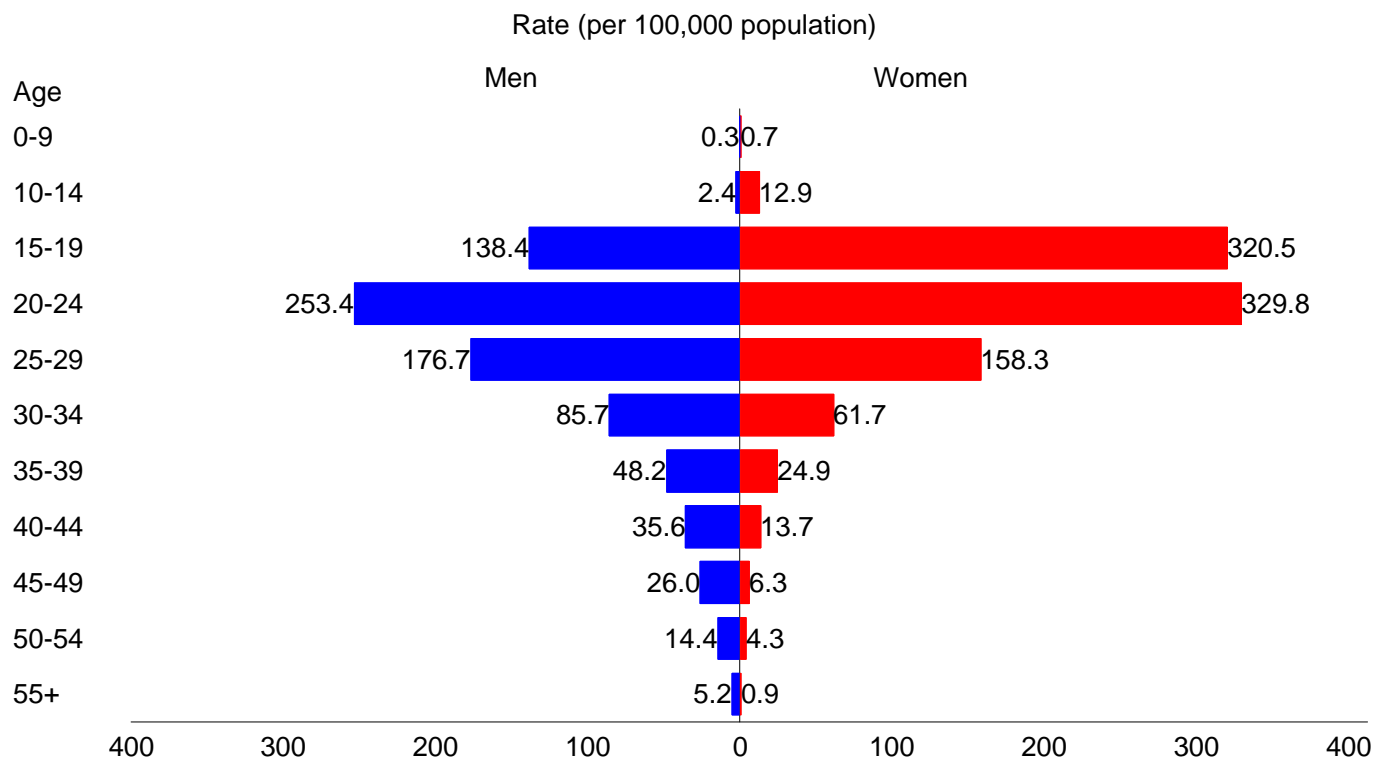


**Figure 13. Gonorrhea -- Reported Rates by Age: NYS Exclusive of NYC, 1992-2009 and the Healthy People 2010 (HP2010) Objective**

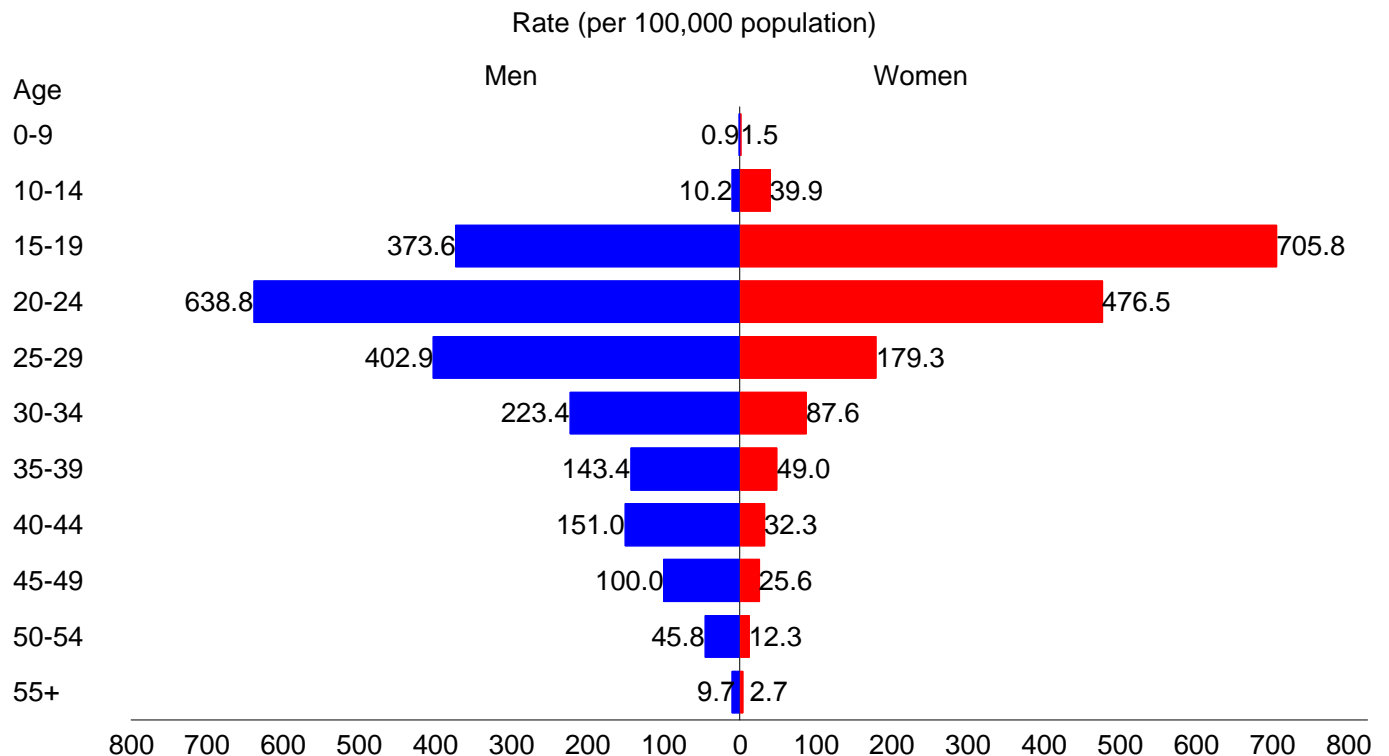


Note: The HP2010 Objective for gonorrhea is 19 cases per 100,000 population.

**Figure 14.1 Gonorrhea -- Age- and Sex-Specific Rates: NYS Exclusive of NYC, 2009**

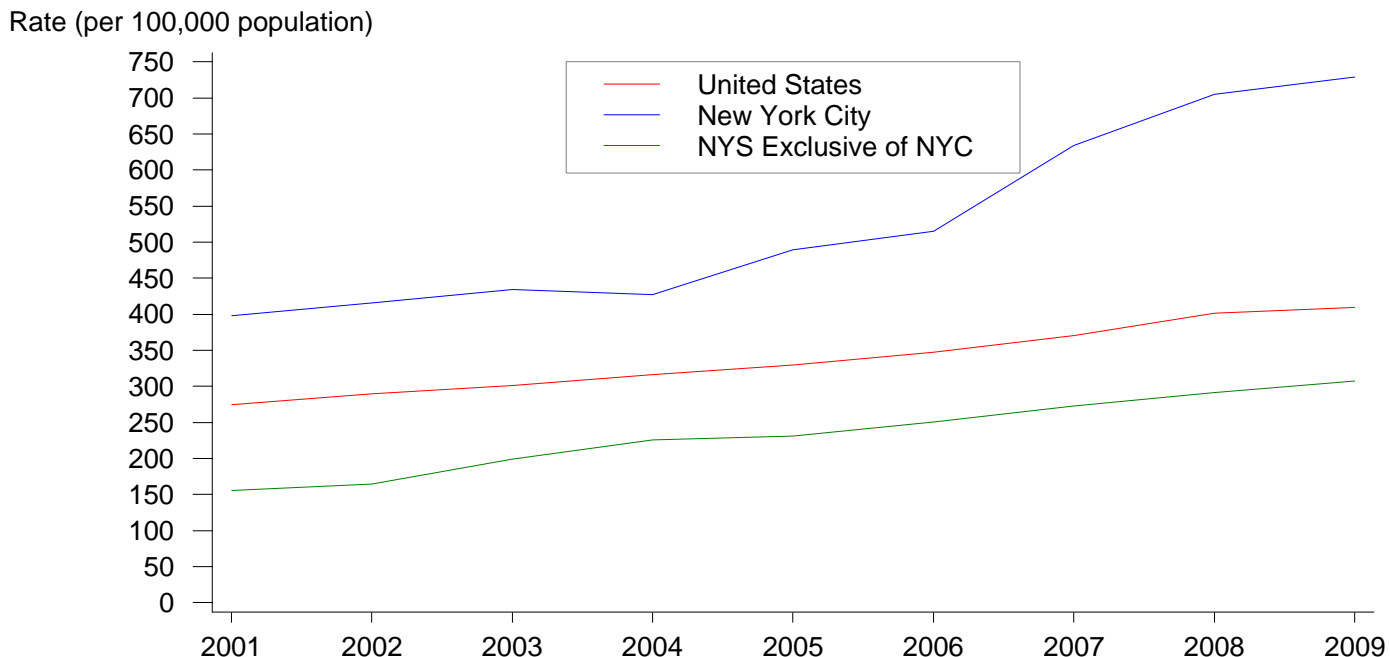


**Figure 14.2 Gonorrhea -- Age- and Sex-Specific Rates: NYC, 2009**

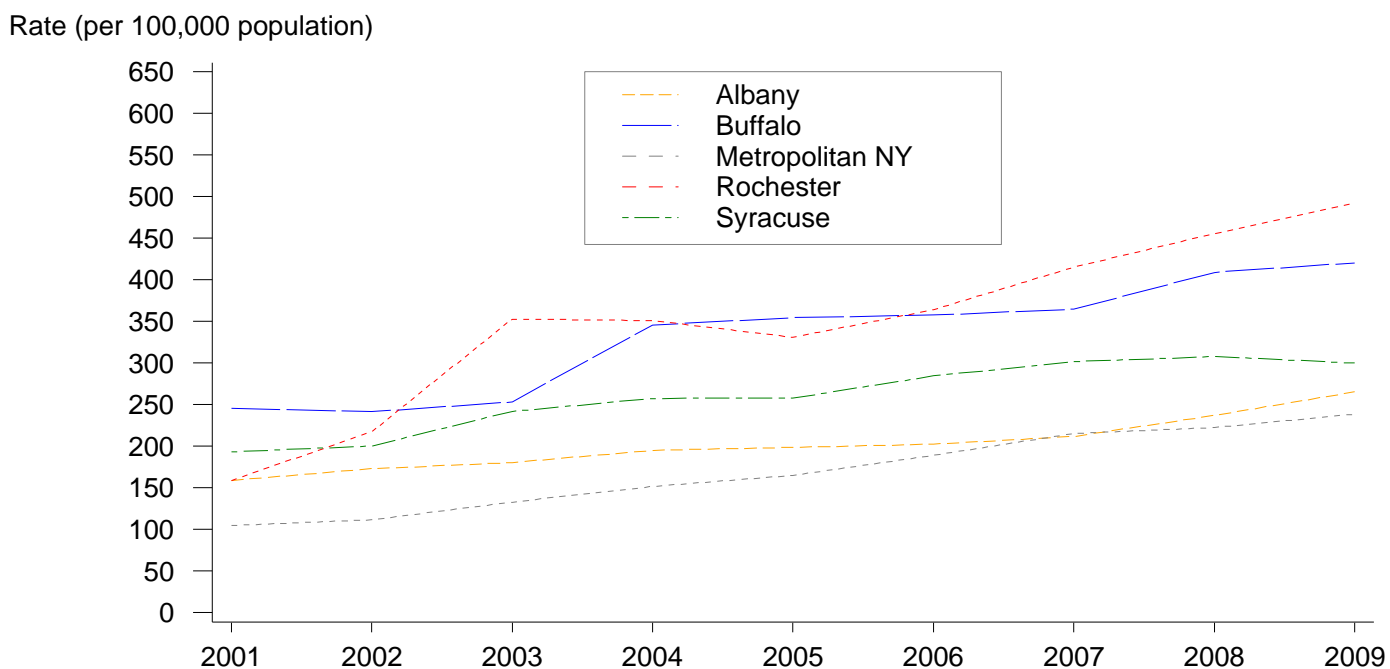


Note: The HP2010 Objective for gonorrhea is 19 case per 100,000 population.

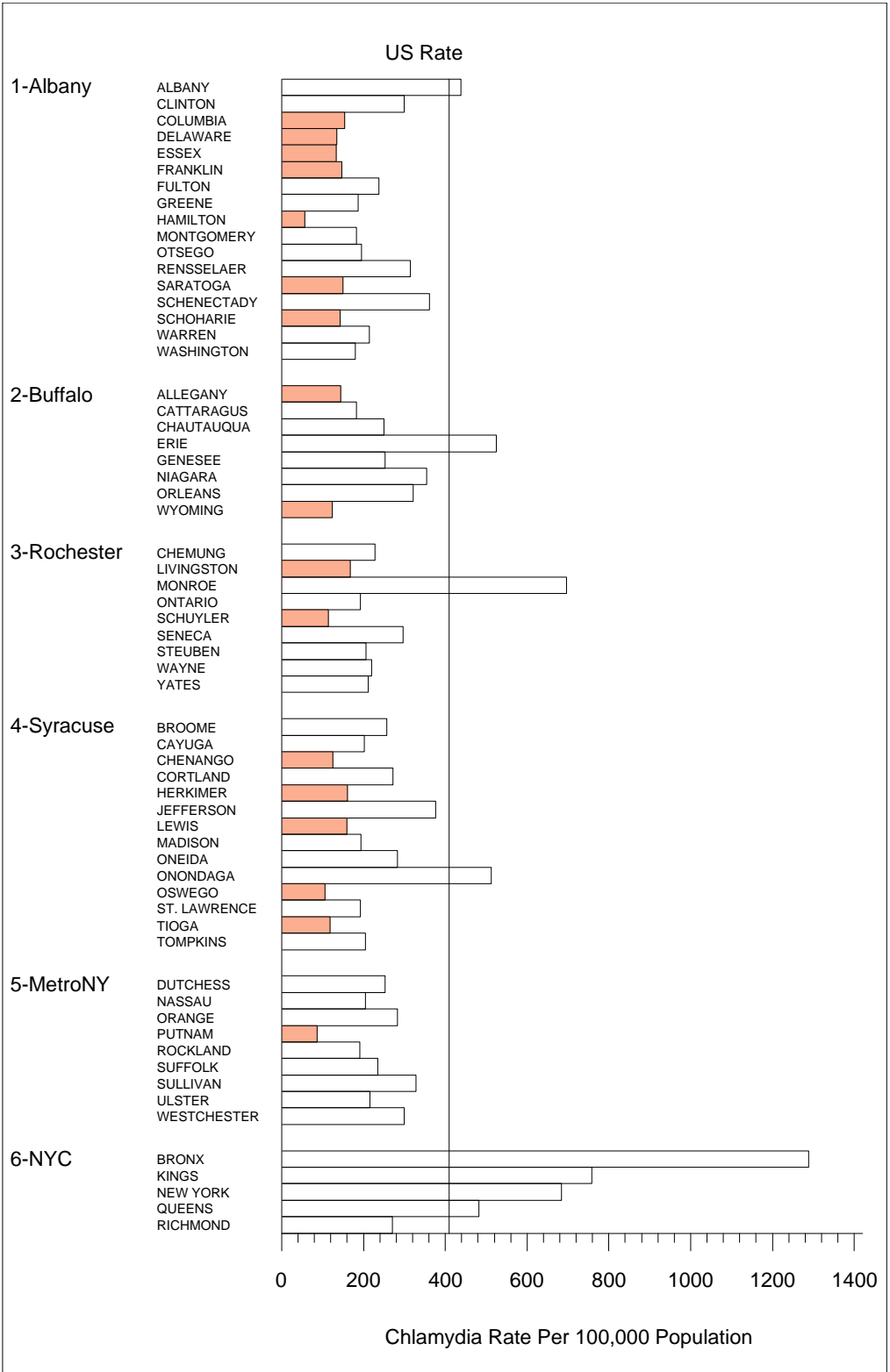
**Figure 15. Chlamydia -- Reported Rates: 2001-2009**



**Figure 16. Chlamydia -- Reported Rates by Region: NYS Exclusive of NYC, 2001-2009**



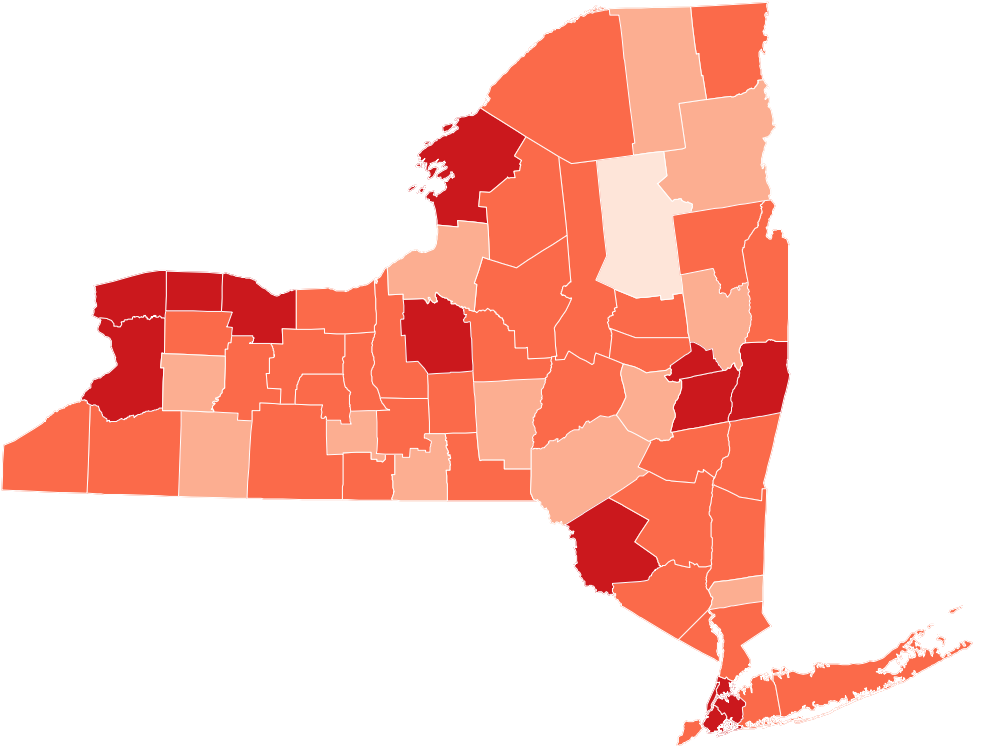
Note: Chlamydia became reportable in NYS in August 2000.



**Figure 17. Chlamydia Rates by County:  
New York State, 2009**

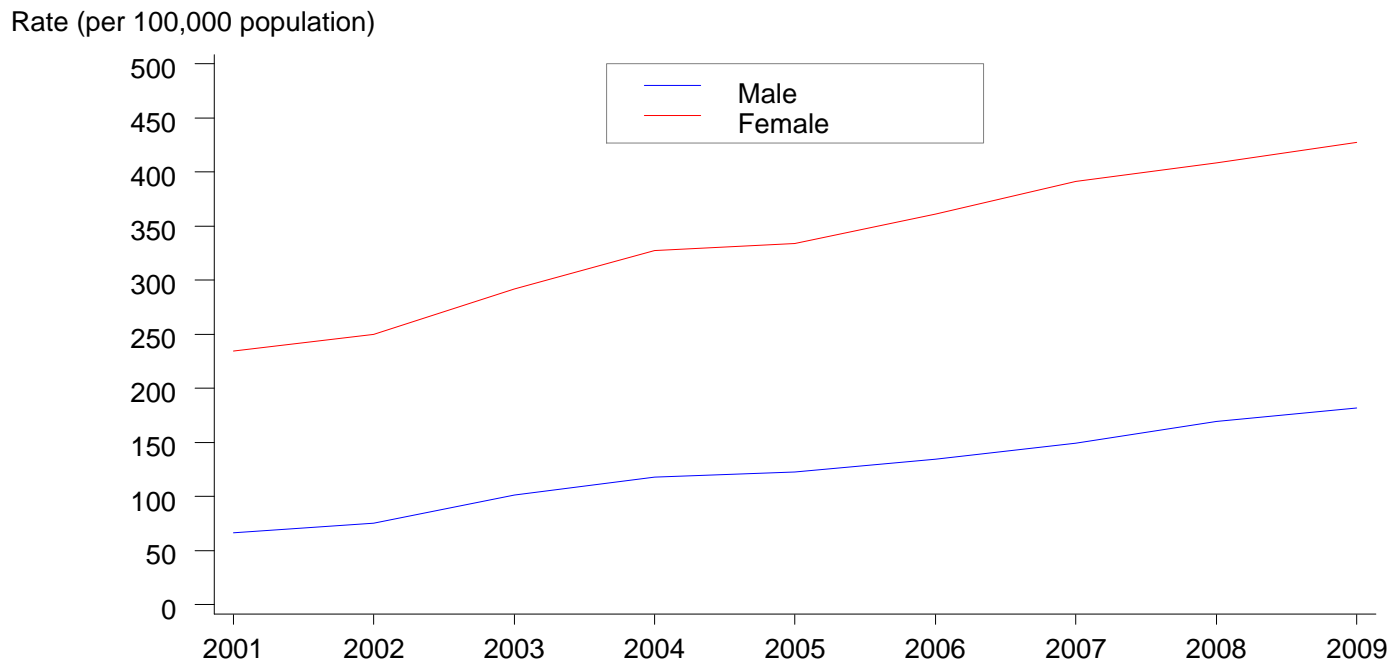
**Chlamydia Rate Per 100,000 Population**

- 0-75
- 75.1-150
- 150.1-300
- >300

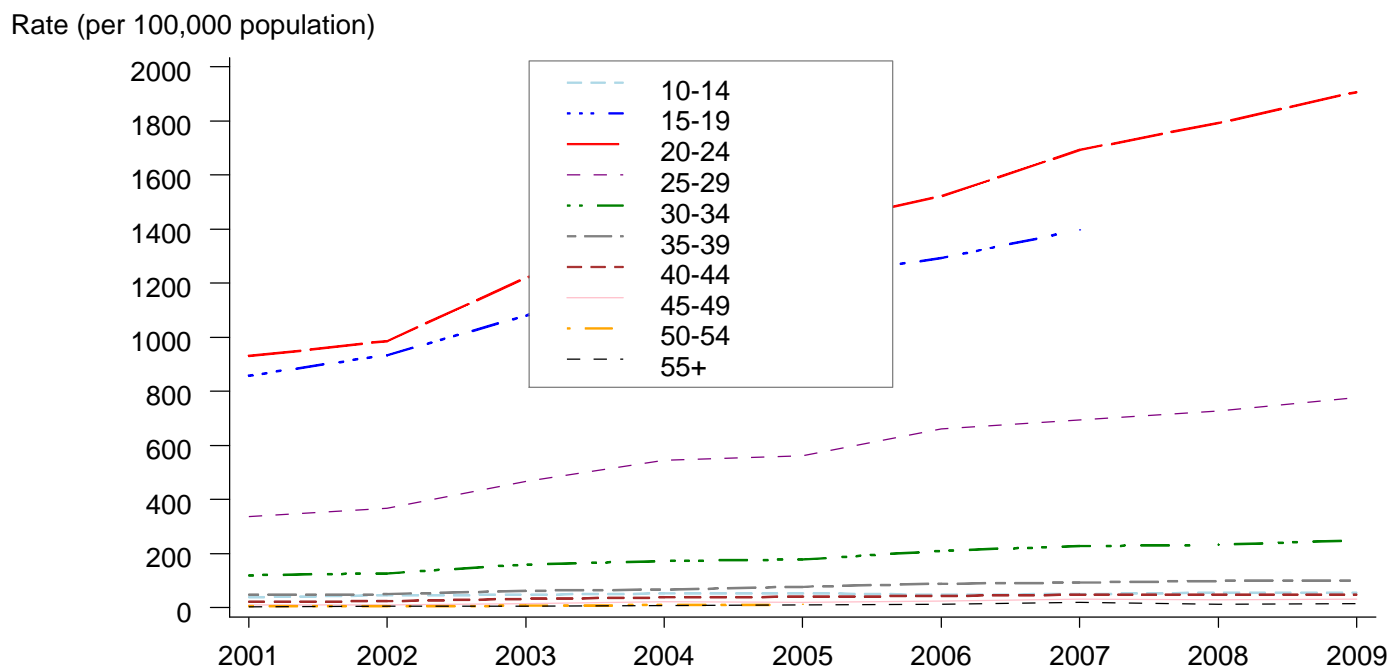


Note: The 2009 US national rate for chlamydia is 409.2 cases per 100,000 population.

**Figure 18. Chlamydia -- Reported Rates by Sex: NYS Exclusive of NYC, 2001-2009**

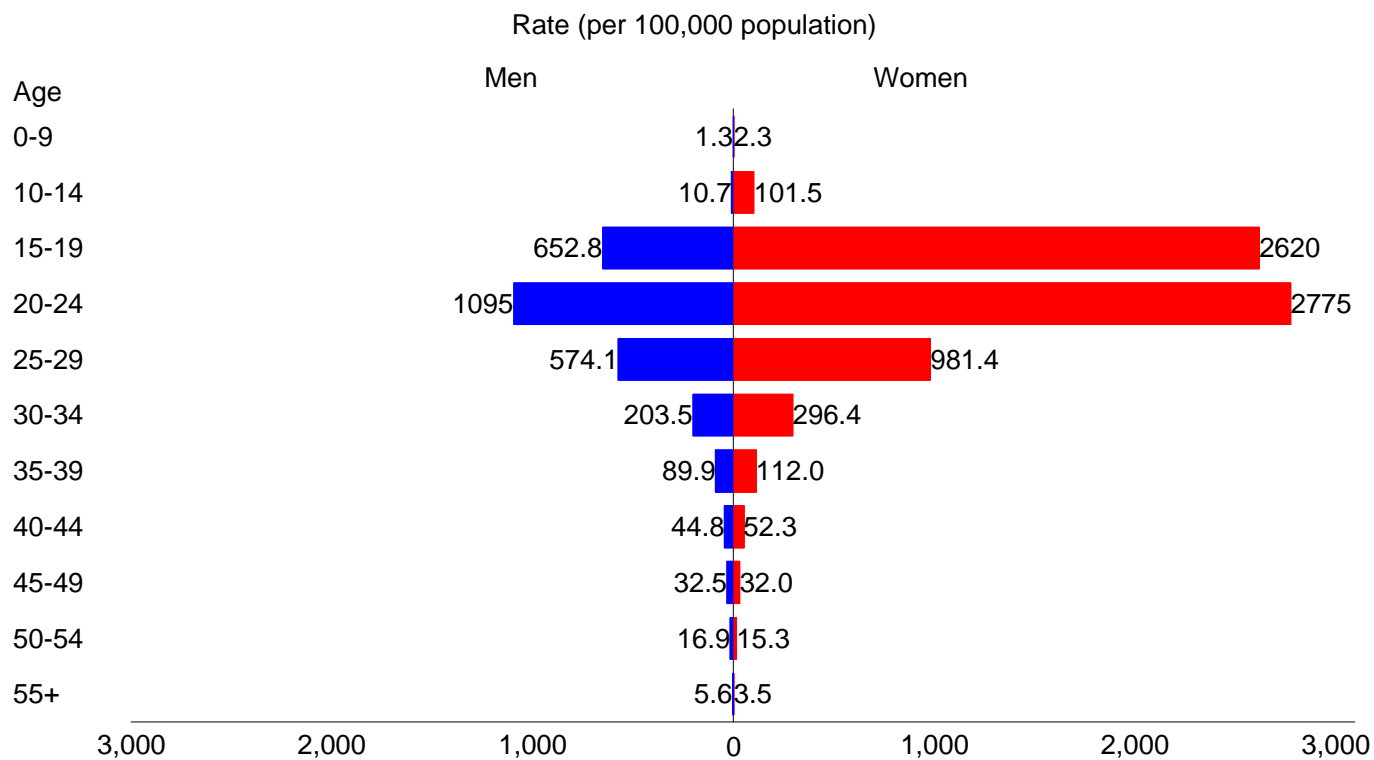


**Figure 19. Chlamydia -- Reported Rates by Age: NYS Exclusive of NYC, 2001-2009**



Note: Chlamydia became reportable in NYS in August 2000.

**Figure 20.1 Chlamydia -- Age- and Sex-Specific Rates: NYS Exclusive of NYC, 2009**



**Figure 20.2 Chlamydia -- Age- and Sex-Specific Rates: NYC, 2009**

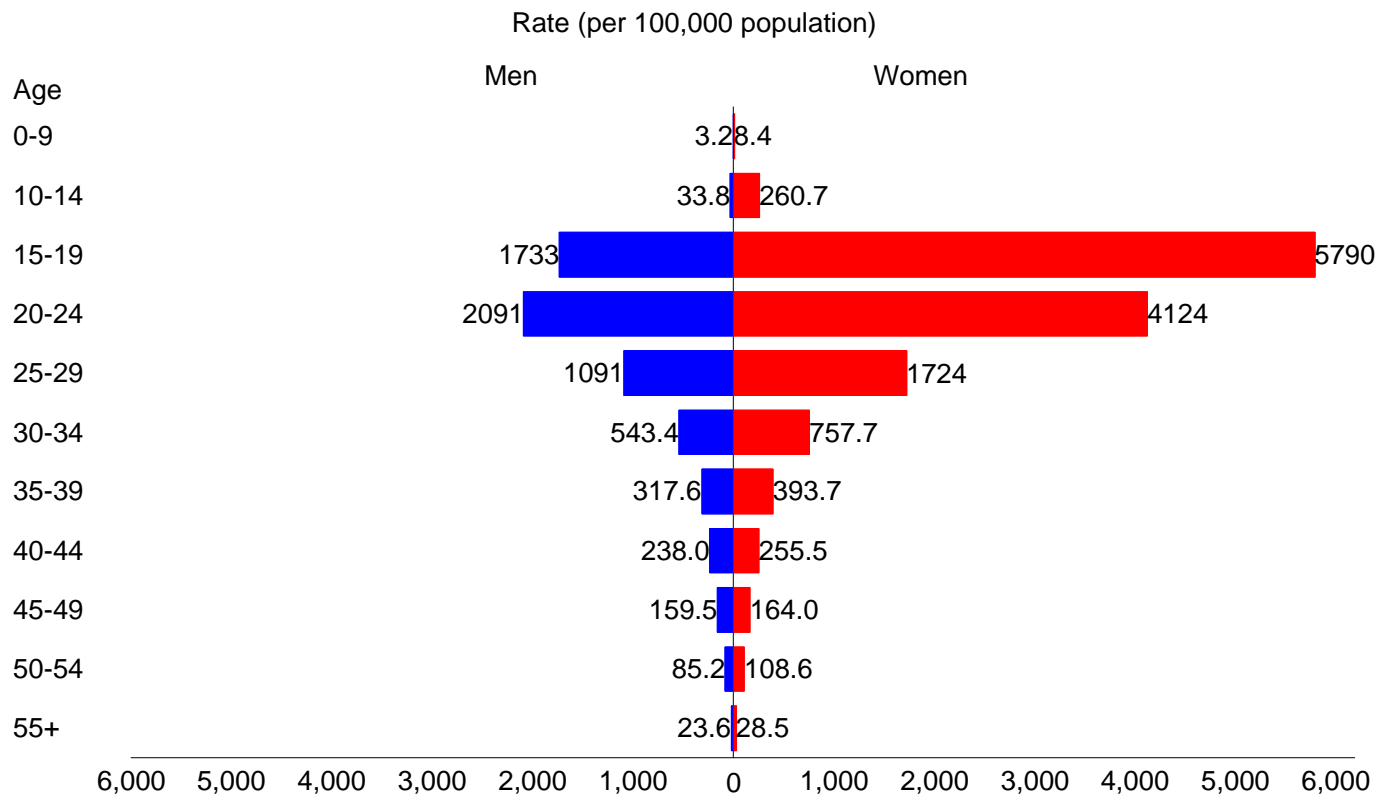


Table 1. Early syphilis -- Reported cases and rates per 100,000: United States, New York City, and New York State exclusive of New York City, 1960-2009

| Year | Primary and Secondary Syphilis |      |       |      |            |      | Early Latent Syphilis |      |       |       |            |      |
|------|--------------------------------|------|-------|------|------------|------|-----------------------|------|-------|-------|------------|------|
|      | United States                  |      | NYC   |      | Upstate NY |      | United States         |      | NYC   |       | Upstate NY |      |
|      | Cases                          | Rate | Cases | Rate | Cases      | Rate | Cases                 | Rate | Cases | Rate  | Cases      | Rate |
| 1960 | 16,145                         | 9.1  | 2,607 | 33.7 | 409        | 4.5  | 18,017                | 10.1 | 2,655 | 34.4  | 192        | 2.1  |
| 1961 | 19,851                         | 11.0 | 3,384 | 43.6 | 582        | 6.3  | 19,486                | 10.8 | 3,734 | 48.1  | 248        | 2.7  |
| 1962 | 21,067                         | 11.5 | 3,333 | 42.9 | 642        | 6.8  | 19,585                | 10.7 | 3,846 | 49.5  | 394        | 4.2  |
| 1963 | 22,251                         | 11.9 | 3,489 | 45.0 | 715        | 7.5  | 18,235                | 9.8  | 3,961 | 51.1  | 382        | 4.0  |
| 1964 | 22,969                         | 12.1 | 3,165 | 40.9 | 637        | 6.5  | 17,781                | 9.4  | 4,623 | 59.7  | 331        | 3.4  |
| 1965 | 23,338                         | 12.2 | 2,889 | 36.8 | 556        | 5.6  | 17,458                | 9.1  | 4,154 | 53.1  | 279        | 2.8  |
| 1966 | 21,414                         | 11.0 | 2,445 | 31.4 | 377        | 3.8  | 15,950                | 8.2  | 3,389 | 43.3  | 235        | 2.4  |
| 1967 | 21,053                         | 10.7 | 2,086 | 25.9 | 310        | 3.1  | 15,554                | 7.9  | 2,403 | 29.9  | 181        | 1.8  |
| 1968 | 19,019                         | 9.6  | 2,231 | 27.7 | 333        | 3.3  | 15,150                | 7.6  | 2,225 | 27.6  | 186        | 1.9  |
| 1969 | 19,130                         | 9.5  | 2,616 | 32.4 | 274        | 2.7  | 15,402                | 7.6  | 1,631 | 20.2  | 140        | 1.4  |
| 1970 | 21,982                         | 10.8 | 3,779 | 46.8 | 406        | 3.9  | 16,311                | 8.0  | 2,061 | 25.5  | 164        | 1.6  |
| 1971 | 23,783                         | 11.5 | 3,844 | 48.7 | 456        | 4.3  | 19,417                | 9.4  | 2,136 | 27.1  | 213        | 2.0  |
| 1972 | 24,429                         | 11.7 | 4,041 | 50.6 | 438        | 4.1  | 20,784                | 9.9  | 2,106 | 26.4  | 255        | 2.4  |
| 1973 | 24,825                         | 11.7 | 3,325 | 42.1 | 438        | 4.1  | 23,584                | 11.2 | 2,402 | 30.4  | 321        | 3.0  |
| 1974 | 25,385                         | 11.9 | 3,145 | 40.5 | 531        | 4.9  | 25,124                | 11.8 | 3,243 | 41.7  | 368        | 3.4  |
| 1975 | 25,561                         | 11.9 | 2,864 | 37.8 | 402        | 3.7  | 26,569                | 12.3 | 3,605 | 47.6  | 323        | 3.0  |
| 1976 | 23,731                         | 10.9 | 2,494 | 33.2 | 252        | 2.4  | 25,363                | 11.7 | 3,618 | 48.2  | 229        | 2.2  |
| 1977 | 20,399                         | 9.3  | 1,881 | 25.1 | 272        | 2.6  | 21,329                | 9.7  | 1,979 | 26.4  | 215        | 2.0  |
| 1978 | 21,656                         | 9.8  | 2,058 | 27.8 | 225        | 2.1  | 19,628                | 8.8  | 1,735 | 23.4  | 214        | 2.0  |
| 1979 | 24,874                         | 11.1 | 2,561 | 35.5 | 304        | 2.8  | 20,459                | 9.1  | 1,602 | 22.2  | 199        | 1.9  |
| 1980 | 27,204                         | 12.0 | 2,393 | 33.2 | 336        | 3.1  | 20,297                | 8.9  | 1,443 | 20.0  | 232        | 2.2  |
| 1981 | 31,266                         | 13.6 | 2,581 | 36.7 | 455        | 4.4  | 21,033                | 9.2  | 1,685 | 24.0  | 288        | 2.8  |
| 1982 | 33,613                         | 14.5 | 2,580 | 37.1 | 479        | 4.6  | 21,894                | 9.5  | 1,903 | 27.4  | 380        | 3.6  |
| 1983 | 32,698                         | 14.0 | 2,459 | 35.6 | 420        | 4.0  | 23,738                | 10.2 | 1,881 | 27.3  | 326        | 3.1  |
| 1984 | 28,607                         | 12.1 | 2,280 | 32.5 | 338        | 3.2  | 23,131                | 9.8  | 1,906 | 27.2  | 270        | 2.6  |
| 1985 | 27,131                         | 11.4 | 2,169 | 30.3 | 362        | 3.5  | 21,689                | 9.1  | 2,305 | 32.2  | 284        | 2.7  |
| 1986 | 27,667                         | 11.5 | 2,112 | 29.2 | 285        | 2.7  | 21,656                | 9.0  | 2,005 | 27.7  | 205        | 1.9  |
| 1987 | 35,585                         | 14.7 | 4,542 | 62.1 | 368        | 3.5  | 28,233                | 11.7 | 3,501 | 47.9  | 248        | 2.4  |
| 1988 | 40,474                         | 16.6 | 5,042 | 68.4 | 646        | 6.1  | 35,968                | 14.7 | 4,515 | 61.3  | 546        | 5.2  |
| 1989 | 45,826                         | 18.6 | 4,362 | 59.2 | 1,022      | 9.7  | 45,394                | 18.4 | 5,847 | 79.4  | 939        | 8.9  |
| 1990 | 50,578                         | 20.3 | 4,265 | 57.8 | 1,048      | 9.9  | 55,397                | 22.2 | 7,485 | 101.5 | 1,199      | 11.3 |
| 1991 | 42,950                         | 17.0 | 3,133 | 42.8 | 692        | 6.5  | 53,855                | 21.3 | 6,769 | 92.4  | 892        | 8.4  |
| 1992 | 34,009                         | 13.3 | 2,246 | 30.7 | 350        | 3.3  | 49,929                | 19.5 | 5,373 | 73.4  | 740        | 6.9  |
| 1993 | 26,527                         | 10.2 | 1,129 | 15.3 | 258        | 2.4  | 41,919                | 16.1 | 3,747 | 50.8  | 509        | 4.7  |
| 1994 | 20,641                         | 7.8  | 626   | 8.4  | 175        | 1.6  | 32,017                | 12.2 | 2,360 | 31.7  | 320        | 3.0  |
| 1995 | 16,543                         | 6.2  | 362   | 4.8  | 85         | 0.8  | 26,657                | 10.0 | 1,944 | 26.0  | 157        | 1.4  |
| 1996 | 11,405                         | 4.2  | 138   | 1.8  | 76         | 0.7  | 20,187                | 7.5  | 1,077 | 14.4  | 125        | 1.2  |
| 1997 | 8,556                          | 3.1  | 97    | 1.3  | 41         | 0.4  | 16,631                | 6.1  | 666   | 8.8   | 93         | 0.8  |
| 1998 | 7,007                          | 2.5  | 81    | 1.1  | 37         | 0.3  | 12,696                | 4.6  | 644   | 8.5   | 35         | 0.3  |
| 1999 | 6,617                          | 2.4  | 130   | 1.7  | 20         | 0.2  | 11,534                | 4.1  | 659   | 8.7   | 41         | 0.4  |
| 2000 | 5,979                          | 2.1  | 117   | 1.5  | 15         | 0.1  | 9,465                 | 3.4  | 447   | 5.6   | 20         | 0.2  |
| 2001 | 6,103                          | 2.1  | 282   | 3.8  | 22         | 0.2  | 8,701                 | 3.0  | 548   | 7.4   | 18         | 0.2  |
| 2002 | 6,862                          | 2.4  | 434   | 5.8  | 45         | 0.4  | 8,429                 | 2.9  | 727   | 9.8   | 26         | 0.2  |
| 2003 | 7,177                          | 2.5  | 531   | 6.6  | 53         | 0.5  | 8,361                 | 2.9  | 951   | 11.9  | 61         | 0.6  |
| 2004 | 7,980                          | 2.7  | 621   | 7.8  | 106        | 1.0  | 7,768                 | 2.6  | 681   | 8.5   | 67         | 0.6  |
| 2005 | 8,724                          | 2.9  | 616   | 7.7  | 89         | 0.8  | 8,176                 | 2.8  | 980   | 12.2  | 104        | 0.9  |
| 2006 | 9,756                          | 3.3  | 578   | 7.2  | 158        | 1.4  | 9,186                 | 3.1  | 901   | 11.2  | 94         | 0.8  |

Table 1. Early syphilis -- Reported cases and rates per 100,000: United States, New York City, and New York State exclusive of New York City, 1960-2009

| Year | Primary and Secondary Syphilis |      |       |      |            |      | Early Latent Syphilis |      |       |      |            |      |
|------|--------------------------------|------|-------|------|------------|------|-----------------------|------|-------|------|------------|------|
|      | United States                  |      | NYC   |      | Upstate NY |      | United States         |      | NYC   |      | Upstate NY |      |
|      | Cases                          | Rate | Cases | Rate | Cases      | Rate | Cases                 | Rate | Cases | Rate | Cases      | Rate |
| 2007 | 11,466                         | 3.8  | 916   | 11.4 | 156        | 1.4  | 10,768                | 3.6  | 1,003 | 12.5 | 147        | 1.3  |
| 2008 | 13,500                         | 4.5  | 1,065 | 13.3 | 146        | 1.3  | 12,401                | 4.1  | 1,221 | 15.3 | 144        | 1.3  |
| 2009 | 13,997                         | 4.6  | 1,056 | 13.2 | 128        | 1.2  | 13,066                | 4.3  | 1,134 | 14.2 | 134        | 1.2  |

Table 2. Syphilis-- Reported cases and rates per 100,000 by stage and county: New York State, 2009

| County             | Syphilis            |      |              |      |             |      |                          |      |            |                |      |  |
|--------------------|---------------------|------|--------------|------|-------------|------|--------------------------|------|------------|----------------|------|--|
|                    | Primary & Secondary |      | Early Latent |      | Total Early |      | Total Late & Late Latent |      | Congenital | Total Syphilis |      |  |
|                    | Cases               | Rate | Cases        | Rate | Cases       | Rate | Cases                    | Rate |            | Cases          | Rate |  |
| ALBANY             | 6                   | 2.0  | 6            | 2.0  | 12          | 4.1  | 1                        | 0.3  | 0          | 13             | 4.4  |  |
| CLINTON            | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 1.3  | 0          | 1              | 1.3  |  |
| COLUMBIA           | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 1.6  | 0          | 1              | 1.6  |  |
| DELAWARE           | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 2.1  | 0          | 1              | 2.1  |  |
| ESSEX              | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| FRANKLIN           | 0                   | 0.0  | 1            | 2.0  | 1           | 2.0  | 0                        | 0.0  | 0          | 1              | 2.0  |  |
| FULTON             | 1                   | 1.8  | 0            | 0.0  | 1           | 1.8  | 0                        | 0.0  | 0          | 1              | 1.8  |  |
| GREENE             | 0                   | 0.0  | 1            | 2.1  | 1           | 2.1  | 0                        | 0.0  | 0          | 1              | 2.1  |  |
| HAMILTON           | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| MONTGOMERY         | 1                   | 2.0  | 2            | 4.0  | 3           | 6.0  | 2                        | 4.0  | 0          | 5              | 10.1 |  |
| OTSEGO             | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 1.6  | 0          | 1              | 1.6  |  |
| RENSSELAER         | 2                   | 1.3  | 0            | 0.0  | 2           | 1.3  | 4                        | 2.6  | 0          | 6              | 3.9  |  |
| SARATOGA           | 3                   | 1.5  | 1            | 0.5  | 4           | 2.0  | 1                        | 0.5  | 0          | 5              | 2.5  |  |
| SCHENECTADY        | 1                   | 0.7  | 2            | 1.4  | 3           | 2.0  | 4                        | 2.7  | 0          | 7              | 4.8  |  |
| SCHOHARIE          | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| WARREN             | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| WASHINGTON         | 0                   | 0.0  | 1            | 1.6  | 1           | 1.6  | 1                        | 1.6  | 1          | 3              | 4.9  |  |
| ALBANY AREA TOTAL  | 14                  | 1.0  | 14           | 1.0  | 28          | 1.9  | 17                       | 1.2  | 1          | 46             | 3.2  |  |
| ALLEGANY           | 0                   | 0.0  | 2            | 4.0  | 2           | 4.0  | 0                        | 0.0  | 0          | 2              | 4.0  |  |
| CATTARAUGUS        | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| CHAUTAUQUA         | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 0.7  | 0          | 1              | 0.7  |  |
| ERIE               | 8                   | 0.8  | 2            | 0.2  | 10          | 1.1  | 16                       | 1.7  | 2          | 28             | 2.9  |  |
| GENESEE            | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| NIAGARA            | 2                   | 0.9  | 1            | 0.5  | 3           | 1.4  | 11                       | 5.0  | 0          | 14             | 6.4  |  |
| ORLEANS            | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| WYOMING            | 0                   | 0.0  | 1            | 2.3  | 1           | 2.3  | 0                        | 0.0  | 0          | 1              | 2.3  |  |
| BUFFALO AREA TOTAL | 10                  | 0.6  | 6            | 0.4  | 16          | 1.0  | 28                       | 1.8  | 2          | 46             | 2.9  |  |
| CHEMUNG            | 4                   | 4.4  | 1            | 1.1  | 5           | 5.5  | 4                        | 4.4  | 0          | 9              | 9.9  |  |
| LIVINGSTON         | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 0                        | 0.0  | 0          | 0              | 0.0  |  |
| MONROE             | 10                  | 1.4  | 6            | 0.8  | 16          | 2.2  | 33                       | 4.5  | 1          | 50             | 6.8  |  |
| ONTARIO            | 0                   | 0.0  | 0            | 0.0  | 0           | 0.0  | 1                        | 1.0  | 0          | 1              | 1.0  |  |

Table 2. Syphilis-- Reported cases and rates per 100,000 by stage and county: New York State, 2009

| County                      | Syphilis            |            |              |            |             |            |                          |            |            |                |             |
|-----------------------------|---------------------|------------|--------------|------------|-------------|------------|--------------------------|------------|------------|----------------|-------------|
|                             | Primary & Secondary |            | Early Latent |            | Total Early |            | Total Late & Late Latent |            | Congenital | Total Syphilis |             |
|                             | Cases               | Rate       | Cases        | Rate       | Cases       | Rate       | Cases                    | Rate       |            | Cases          | Rate        |
| SCHUYLER                    | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 1                        | 5.2        | 0          | 1              | 5.2         |
| SENECA                      | 0                   | 0.0        | 1            | 3.0        | 1           | 3.0        | 0                        | 0.0        | 0          | 1              | 3.0         |
| STEUBEN                     | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| WAYNE                       | 1                   | 1.1        | 0            | 0.0        | 1           | 1.1        | 0                        | 0.0        | 0          | 1              | 1.1         |
| YATES                       | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| <b>ROCHESTER AREA TOTAL</b> | <b>15</b>           | <b>1.2</b> | <b>8</b>     | <b>0.6</b> | <b>23</b>   | <b>1.8</b> | <b>39</b>                | <b>3.1</b> | <b>1</b>   | <b>63</b>      | <b>5.0</b>  |
| BROOME                      | 2                   | 1.0        | 0            | 0.0        | 2           | 1.0        | 1                        | 0.5        | 0          | 3              | 1.5         |
| CAYUGA                      | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| CHENANGO                    | 1                   | 1.9        | 1            | 1.9        | 2           | 3.9        | 0                        | 0.0        | 0          | 2              | 3.9         |
| CORTLAND                    | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 1                        | 2.1        | 0          | 1              | 2.1         |
| HERKIMER                    | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| JEFFERSON                   | 0                   | 0.0        | 1            | 0.9        | 1           | 0.9        | 2                        | 1.8        | 1          | 4              | 3.6         |
| LEWIS                       | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 1                        | 3.7        | 0          | 1              | 3.7         |
| MADISON                     | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| ONEIDA                      | 0                   | 0.0        | 1            | 0.4        | 1           | 0.4        | 2                        | 0.8        | 0          | 3              | 1.3         |
| ONONDAGA                    | 2                   | 0.4        | 2            | 0.4        | 4           | 0.9        | 2                        | 0.4        | 0          | 6              | 1.3         |
| OSWEGO                      | 1                   | 0.8        | 0            | 0.0        | 1           | 0.8        | 0                        | 0.0        | 0          | 1              | 0.8         |
| ST. LAWRENCE                | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| TIOGA                       | 0                   | 0.0        | 0            | 0.0        | 0           | 0.0        | 0                        | 0.0        | 0          | 0              | 0.0         |
| TOMPKINS                    | 0                   | 0.0        | 1            | 1.0        | 1           | 1.0        | 3                        | 3.1        | 0          | 4              | 4.1         |
| <b>SYRACUSE AREA TOTAL</b>  | <b>6</b>            | <b>0.3</b> | <b>6</b>     | <b>0.3</b> | <b>12</b>   | <b>0.7</b> | <b>12</b>                | <b>0.7</b> | <b>1</b>   | <b>25</b>      | <b>1.4</b>  |
| DUTCHESS                    | 3                   | 1.1        | 3            | 1.1        | 6           | 2.1        | 13                       | 4.6        | 0          | 19             | 6.8         |
| NASSAU                      | 28                  | 2.1        | 21           | 1.6        | 49          | 3.7        | 77                       | 5.8        | 0          | 126            | 9.4         |
| ORANGE                      | 4                   | 1.2        | 4            | 1.2        | 8           | 2.3        | 21                       | 6.2        | 0          | 29             | 8.5         |
| PUTNAM                      | 1                   | 1.0        | 1            | 1.0        | 2           | 2.1        | 12                       | 12.5       | 0          | 14             | 14.6        |
| ROCKLAND                    | 2                   | 0.7        | 0            | 0.0        | 2           | 0.7        | 24                       | 8.4        | 0          | 26             | 9.1         |
| SUFFOLK                     | 13                  | 0.9        | 37           | 2.6        | 50          | 3.5        | 74                       | 5.2        | 1          | 125            | 8.8         |
| SULLIVAN                    | 1                   | 1.4        | 0            | 0.0        | 1           | 1.4        | 3                        | 4.1        | 0          | 4              | 5.4         |
| ULSTER                      | 4                   | 2.3        | 6            | 3.4        | 10          | 5.6        | 7                        | 3.9        | 0          | 17             | 9.6         |
| WESTCHESTER                 | 27                  | 2.9        | 28           | 3.0        | 55          | 6.0        | 108                      | 11.7       | 1          | 164            | 17.8        |
| <b>METRO NY AREA TOTAL</b>  | <b>83</b>           | <b>1.7</b> | <b>100</b>   | <b>2.0</b> | <b>183</b>  | <b>3.7</b> | <b>339</b>               | <b>6.9</b> | <b>2</b>   | <b>524</b>     | <b>10.6</b> |

Table 2. Syphilis-- Reported cases and rates per 100,000 by stage and county: New York State, 2009

|                      | Syphilis            |      |              |      |             |      |                          |      |            |                |      |
|----------------------|---------------------|------|--------------|------|-------------|------|--------------------------|------|------------|----------------|------|
|                      | Primary & Secondary |      | Early Latent |      | Total Early |      | Total Late & Late Latent |      | Congenital | Total Syphilis |      |
| County               | Cases               | Rate | Cases        | Rate | Cases       | Rate | Cases                    | Rate | Cases      | Cases          | Rate |
| UPSTATE NY TOTAL     | 128                 | 1.2  | 134          | 1.2  | 262         | 2.4  | 435                      | 4.0  | 7          | 704            | 6.4  |
| BRONX                | 175                 | 13.1 | 188          | 14.1 | 363         | 27.2 | 329                      | 24.7 | 3          | 695            | 52.2 |
| KINGS                | 309                 | 12.5 | 321          | 13.0 | 630         | 25.6 | 512                      | 20.8 | 2          | 1,144          | 46.4 |
| NEW YORK             | 439                 | 28.6 | 393          | 25.6 | 832         | 54.1 | 447                      | 29.1 | 1          | 1,280          | 83.3 |
| QUEENS               | 120                 | 5.4  | 221          | 9.9  | 341         | 15.3 | 425                      | 19.1 | 5          | 771            | 34.6 |
| RICHMOND             | 13                  | 2.9  | 11           | 2.5  | 24          | 5.4  | 27                       | 6.1  | 0          | 51             | 11.5 |
| NEW YORK CITY TOTAL  | 1,056               | 13.2 | 1,134        | 14.2 | 2,190       | 27.3 | 1,740                    | 21.7 | 11         | 3,941          | 49.2 |
| NEW YORK STATE TOTAL | 1,184               | 6.2  | 1,268        | 6.7  | 2,452       | 12.9 | 2,175                    | 11.5 | 18         | 4,645          | 24.5 |

Table 3. Early syphilis-- Reported cases and rates per 100,000 by age and sex: New York State, 2009

|                |              | Early Syphilis        |             |           |            |              |             |              |             |            |            |              |             |
|----------------|--------------|-----------------------|-------------|-----------|------------|--------------|-------------|--------------|-------------|------------|------------|--------------|-------------|
|                |              | Primary and Secondary |             |           |            |              |             | Early Latent |             |            |            |              |             |
|                |              | Male                  |             | Female    |            | Total P&S    |             | Male         |             | Female     |            | Total EL     |             |
| Area           | Age Group    | Cases                 | Rate        | Cases     | Rate       | Cases        | Rate        | Cases        | Rate        | Cases      | Rate       | Cases        | Rate        |
| UPSTATE NY     | 10-14        | 0                     | 0.0         | 0         | 0.0        | 0            | 0.0         | 0            | 0.0         | 0          | 0.0        | 0            | 0.0         |
|                | 15-19        | 19                    | 4.9         | 2         | 0.5        | 21           | 2.8         | 8            | 2.1         | 4          | 1.1        | 12           | 1.6         |
|                | 20-24        | 27                    | 7.9         | 4         | 1.3        | 31           | 4.7         | 21           | 6.2         | 6          | 1.9        | 27           | 4.1         |
|                | 25-29        | 20                    | 6.5         | 0         | 0.0        | 20           | 3.2         | 16           | 5.2         | 9          | 2.9        | 25           | 4.1         |
|                | 30-34        | 12                    | 3.2         | 1         | 0.3        | 13           | 1.7         | 10           | 2.6         | 2          | 0.5        | 12           | 1.6         |
|                | 35-39        | 13                    | 2.9         | 0         | 0.0        | 13           | 1.4         | 10           | 2.2         | 1          | 0.2        | 11           | 1.2         |
|                | 40-44        | 9                     | 2.0         | 0         | 0.0        | 9            | 1.0         | 15           | 3.3         | 0          | 0.0        | 15           | 1.6         |
|                | 45-49        | 11                    | 2.8         | 0         | 0.0        | 11           | 1.4         | 16           | 4.0         | 0          | 0.0        | 16           | 2.0         |
|                | 50-54        | 5                     | 1.4         | 0         | 0.0        | 5            | 0.7         | 8            | 2.3         | 0          | 0.0        | 8            | 1.1         |
|                | 55+          | 4                     | 0.4         | 1         | 0.1        | 5            | 0.2         | 7            | 0.6         | 1          | 0.1        | 8            | 0.3         |
|                | <b>TOTAL</b> | <b>120</b>            | <b>2.2</b>  | <b>8</b>  | <b>0.1</b> | <b>128</b>   | <b>1.2</b>  | <b>111</b>   | <b>2.1</b>  | <b>23</b>  | <b>0.4</b> | <b>134</b>   | <b>1.2</b>  |
| NEW YORK CITY  | 10-14        | 0                     | 0.0         | 0         | 0.0        | 0            | 0.0         | 0            | 0.0         | 0          | 0.0        | 0            | 0.0         |
|                | 15-19        | 39                    | 14.9        | 7         | 2.8        | 46           | 9.0         | 27           | 10.3        | 8          | 3.2        | 35           | 6.8         |
|                | 20-24        | 159                   | 56.1        | 12        | 3.9        | 171          | 29.1        | 101          | 35.6        | 15         | 4.9        | 116          | 19.7        |
|                | 25-29        | 159                   | 49.7        | 7         | 2.0        | 166          | 24.8        | 126          | 39.4        | 18         | 5.1        | 144          | 21.5        |
|                | 30-34        | 153                   | 46.4        | 8         | 2.3        | 161          | 23.7        | 159          | 48.2        | 12         | 3.4        | 171          | 25.2        |
|                | 35-39        | 156                   | 47.6        | 7         | 2.0        | 163          | 24.2        | 154          | 47.0        | 23         | 6.7        | 177          | 26.3        |
|                | 40-44        | 160                   | 53.9        | 6         | 1.8        | 166          | 26.7        | 183          | 61.7        | 20         | 6.1        | 203          | 32.6        |
|                | 45-49        | 98                    | 38.6        | 0         | 0.0        | 98           | 18.2        | 147          | 57.9        | 5          | 1.8        | 152          | 28.2        |
|                | 50-54        | 48                    | 22.0        | 1         | 0.4        | 49           | 10.3        | 71           | 32.5        | 2          | 0.8        | 73           | 15.3        |
|                | 55+          | 36                    | 5.5         | 0         | 0.0        | 36           | 2.2         | 56           | 8.5         | 7          | 0.7        | 63           | 3.9         |
|                | <b>TOTAL</b> | <b>1,008</b>          | <b>26.6</b> | <b>48</b> | <b>1.1</b> | <b>1,056</b> | <b>13.2</b> | <b>1,024</b> | <b>27.1</b> | <b>110</b> | <b>2.6</b> | <b>1,134</b> | <b>14.2</b> |
| NEW YORK STATE | 10-14        | 0                     | 0.0         | 0         | 0.0        | 0            | 0.0         | 0            | 0.0         | 0          | 0.0        | 0            | 0.0         |
|                | 15-19        | 58                    | 8.9         | 9         | 1.5        | 67           | 5.3         | 35           | 5.4         | 12         | 1.9        | 47           | 3.7         |
|                | 20-24        | 186                   | 29.8        | 16        | 2.6        | 202          | 16.2        | 122          | 19.6        | 21         | 3.4        | 143          | 11.5        |
|                | 25-29        | 179                   | 28.5        | 7         | 1.1        | 186          | 14.5        | 142          | 22.6        | 27         | 4.1        | 169          | 13.1        |
|                | 30-34        | 165                   | 23.3        | 9         | 1.2        | 174          | 12.1        | 169          | 23.9        | 14         | 1.9        | 183          | 12.7        |
|                | 35-39        | 169                   | 21.7        | 7         | 0.9        | 176          | 11.1        | 164          | 21.1        | 24         | 3.0        | 188          | 11.8        |
|                | 40-44        | 169                   | 22.4        | 6         | 0.8        | 175          | 11.4        | 198          | 26.3        | 20         | 2.5        | 218          | 14.2        |
|                | 45-49        | 109                   | 16.7        | 0         | 0.0        | 109          | 8.1         | 163          | 24.9        | 5          | 0.7        | 168          | 12.4        |
|                | 50-54        | 53                    | 9.3         | 1         | 0.2        | 54           | 4.5         | 79           | 13.8        | 2          | 0.3        | 81           | 6.7         |
|                | 55+          | 40                    | 2.3         | 1         | 0.1        | 41           | 1.0         | 63           | 3.6         | 8          | 0.3        | 71           | 1.7         |
|                | <b>TOTAL</b> | <b>1,128</b>          | <b>12.3</b> | <b>56</b> | <b>0.6</b> | <b>1,184</b> | <b>6.2</b>  | <b>1,135</b> | <b>12.4</b> | <b>133</b> | <b>1.4</b> | <b>1,268</b> | <b>6.7</b>  |

Table 4. Unknown latent and late latent syphilis-- Reported cases and rates per 100,000 by age and sex:  
New York State, 2009

|                |              | Unknown and Late Latent Syphilis |             |            |            |              |             |
|----------------|--------------|----------------------------------|-------------|------------|------------|--------------|-------------|
|                |              | Male                             |             | Female     |            | Total        |             |
| Area           | Age Group    | Cases                            | Rate        | Cases      | Rate       | Cases        | Rate        |
| UPSTATE NY     | 10-14        | 0                                | 0.0         | 0          | 0.0        | 0            | 0.0         |
|                | 15-19        | 8                                | 2.1         | 7          | 1.9        | 15           | 2.0         |
|                | 20-24        | 16                               | 4.7         | 11         | 3.5        | 27           | 4.1         |
|                | 25-29        | 22                               | 7.1         | 15         | 4.8        | 37           | 6.0         |
|                | 30-34        | 18                               | 4.8         | 14         | 3.6        | 32           | 4.2         |
|                | 35-39        | 23                               | 5.1         | 13         | 2.8        | 36           | 3.9         |
|                | 40-44        | 36                               | 7.9         | 25         | 5.4        | 61           | 6.6         |
|                | 45-49        | 27                               | 6.8         | 29         | 7.0        | 56           | 6.9         |
|                | 50-54        | 39                               | 11.0        | 13         | 3.5        | 52           | 7.2         |
|                | 55+          | 61                               | 5.6         | 58         | 4.1        | 119          | 4.7         |
|                | <b>TOTAL</b> | <b>250</b>                       | <b>4.7</b>  | <b>185</b> | <b>3.3</b> | <b>435</b>   | <b>4.0</b>  |
| NEW YORK CITY  | 10-14        | 0                                | 0.0         | 1          | 0.4        | 1            | 0.2         |
|                | 15-19        | 30                               | 11.5        | 23         | 9.2        | 53           | 10.4        |
|                | 20-24        | 138                              | 48.6        | 42         | 13.8       | 180          | 30.6        |
|                | 25-29        | 156                              | 48.7        | 47         | 13.4       | 203          | 30.3        |
|                | 30-34        | 182                              | 55.2        | 38         | 10.9       | 220          | 32.4        |
|                | 35-39        | 185                              | 56.4        | 57         | 16.5       | 242          | 36.0        |
|                | 40-44        | 255                              | 86.0        | 74         | 22.8       | 329          | 52.9        |
|                | 45-49        | 125                              | 49.2        | 23         | 8.1        | 148          | 27.4        |
|                | 50-54        | 91                               | 41.7        | 21         | 8.1        | 112          | 23.4        |
|                | 55+          | 168                              | 25.5        | 83         | 8.7        | 251          | 15.5        |
|                | <b>TOTAL</b> | <b>1,331</b>                     | <b>35.2</b> | <b>409</b> | <b>9.7</b> | <b>1,740</b> | <b>21.7</b> |
| NEW YORK STATE | 10-14        | 0                                | 0.0         | 1          | 0.2        | 1            | 0.1         |
|                | 15-19        | 38                               | 5.8         | 30         | 4.9        | 68           | 5.4         |
|                | 20-24        | 154                              | 24.7        | 53         | 8.5        | 207          | 16.6        |
|                | 25-29        | 178                              | 28.3        | 62         | 9.4        | 240          | 18.6        |
|                | 30-34        | 200                              | 28.3        | 52         | 7.1        | 252          | 17.5        |
|                | 35-39        | 208                              | 26.7        | 70         | 8.6        | 278          | 17.5        |
|                | 40-44        | 291                              | 38.6        | 99         | 12.6       | 390          | 25.3        |
|                | 45-49        | 152                              | 23.2        | 52         | 7.5        | 204          | 15.1        |
|                | 50-54        | 130                              | 22.7        | 34         | 5.4        | 164          | 13.6        |
|                | 55+          | 229                              | 13.1        | 141        | 5.9        | 370          | 9.0         |
|                | <b>TOTAL</b> | <b>1,581</b>                     | <b>17.3</b> | <b>594</b> | <b>6.0</b> | <b>2,175</b> | <b>11.5</b> |

Table 5.1. Early syphilis -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                    | Early Syphilis -- Men |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            |           |            |       |      |
|---------------------------|-----------------------|------------|----------|-------------|----------|------------|----------|------------|-------|------|----------|-------------|----------|------------|----------|------------|----------|------------|-----------|------------|-------|------|
|                           | Age Group             |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            |           |            |       |      |
|                           | 15-19                 |            | 20-24    |             | 25-29    |            | 30-34    |            | 35-39 |      | 40-44    |             | 45-49    |            | 50-54    |            | 55+      |            | Total     |            |       |      |
|                           | Cases                 | Rate       | Cases    | Rate        | Cases    | Rate       | Cases    | Rate       | Cases | Rate | Cases    | Rate        | Cases    | Rate       | Cases    | Rate       | Cases    | Rate       | Cases     | Rate       | Cases | Rate |
| ALBANY                    | 2                     | 18.4       | 5        | 44.4        | 2        | 21.9       |          |            |       |      | 2        | 17.9        |          |            |          |            |          |            | 11        | 7.8        |       |      |
| CLINTON                   |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| COLUMBIA                  |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| DELAWARE                  |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| ESSEX                     |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| FRANKLIN                  |                       |            |          |             |          |            | 1        | 37.3       |       |      |          |             |          |            |          |            |          |            | 1         | 3.5        |       |      |
| FULTON                    |                       |            |          |             |          |            |          |            |       |      | 1        | 42.8        |          |            |          |            |          |            | 1         | 3.7        |       |      |
| GREENE                    |                       |            |          |             |          |            |          |            |       |      | 1        | 50.0        |          |            |          |            |          |            | 1         | 4.0        |       |      |
| HAMILTON                  |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| MONTGOMERY                | 1                     | 59.3       | 1        | 79.7        |          |            |          |            |       |      |          |             |          |            | 1        | 63.8       |          |            | 3         | 12.6       |       |      |
| OTSEGO                    |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| RENSSELAER                |                       |            |          |             |          |            |          |            |       |      | 1        | 16.0        |          |            | 1        | 19.5       |          |            | 2         | 2.7        |       |      |
| SARATOGA                  |                       |            | 1        | 17.9        |          |            |          |            |       |      | 2        | 23.1        |          |            | 1        | 13.9       |          |            | 4         | 4.1        |       |      |
| SCHENECTADY               |                       |            |          |             |          |            | 1        | 21.1       |       |      |          |             |          |            |          |            | 2        | 12.6       | 3         | 4.3        |       |      |
| SCHOHARIE                 |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| WARREN                    |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| WASHINGTON                |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| <b>ALBANY AREA TOTAL</b>  | <b>3</b>              | <b>5.5</b> | <b>7</b> | <b>14.3</b> | <b>2</b> | <b>4.7</b> | <b>2</b> | <b>4.0</b> |       |      | <b>7</b> | <b>11.8</b> |          |            | <b>3</b> | <b>6.1</b> | <b>2</b> | <b>1.3</b> | <b>26</b> | <b>3.6</b> |       |      |
| ALLEGANY                  |                       |            |          |             |          |            |          |            |       |      | 1        | 58.4        |          |            |          |            |          |            | 1         | 4.0        |       |      |
| CATTARAGUS                |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| CHAUTAUQUA                |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| ERIE                      | 3                     | 9.3        | 2        | 6.9         | 3        | 11.4       | 1        | 3.2        |       |      |          |             | 1        | 2.9        |          |            |          |            | 10        | 2.2        |       |      |
| GENESEE                   |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| NIAGARA                   |                       |            |          |             | 1        | 17.3       |          |            |       |      |          |             | 1        | 12.1       |          |            |          |            | 2         | 1.9        |       |      |
| ORLEANS                   |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| WYOMING                   |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| <b>BUFFALO AREA TOTAL</b> | <b>3</b>              | <b>5.2</b> | <b>2</b> | <b>4.1</b>  | <b>4</b> | <b>9.0</b> | <b>1</b> | <b>1.9</b> |       |      | <b>1</b> | <b>1.5</b>  | <b>2</b> | <b>3.4</b> |          |            |          |            | <b>13</b> | <b>1.7</b> |       |      |
| CHEMUNG                   | 2                     | 61.2       |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 2         | 4.4        |       |      |
| LIVINGSTON                |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |
| MONROE                    | 2                     | 7.4        | 3        | 12.3        | 3        | 13.8       |          |            | 3     | 10.5 |          |             | 1        | 3.8        |          |            |          |            | 12        | 3.4        |       |      |
| ONTARIO                   |                       |            |          |             |          |            |          |            |       |      |          |             |          |            |          |            |          |            | 0         | 0.0        |       |      |

Table 5.1. Early syphilis -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                      | Early Syphilis -- Men |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            |            |            |
|-----------------------------|-----------------------|------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|------------|-----------|------------|-----------|-------------|-----------|------------|----------|------------|------------|------------|
|                             | Age Group             |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            |            |            |
|                             | 15-19                 |            | 20-24     |             | 25-29     |             | 30-34     |             | 35-39     |            | 40-44     |            | 45-49     |             | 50-54     |            | 55+      |            | Total      |            |
|                             | Cases                 | Rate       | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases     | Rate       | Cases     | Rate       | Cases     | Rate        | Cases     | Rate       | Cases    | Rate       | Cases      | Rate       |
| SCHUYLER                    |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| SENECA                      |                       |            |           |             |           |             |           |             | 1         | 78.5       |           |            |           |             |           |            |          |            | 1          | 6.0        |
| STEUBEN                     |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| WAYNE                       |                       |            | 1         | 46.7        |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 1          | 2.2        |
| YATES                       |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| <b>ROCHESTER AREA TOTAL</b> | <b>4</b>              | <b>8.6</b> | <b>4</b>  | <b>10.0</b> | <b>3</b>  | <b>8.4</b>  |           |             | <b>4</b>  | <b>8.0</b> |           |            | <b>1</b>  | <b>2.2</b>  |           |            |          |            | <b>16</b>  | <b>2.6</b> |
| BROOME                      | 1                     | 12.9       |           |             |           |             |           |             |           |            |           |            | 1         | 14.2        |           |            |          |            | 2          | 2.1        |
| CAYUGA                      |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| CHENANGO                    |                       |            | 1         | 82.4        | 1         | 75.8        |           |             |           |            |           |            |           |             |           |            |          |            | 2          | 7.9        |
| CORTLAND                    |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| HERKIMER                    |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| JEFFERSON                   |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| LEWIS                       |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| MADISON                     |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| ONEIDA                      |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| ONONDAGA                    | 1                     | 6.1        | 1         | 6.9         |           |             | 1         | 6.4         |           |            |           |            |           |             |           |            | 1        | 2.3        | 4          | 1.8        |
| OSWEGO                      | 1                     | 19.4       |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 1          | 1.7        |
| ST. LAWRENCE                |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| TIOGA                       |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            |          |            | 0          | 0.0        |
| TOMPKINS                    |                       |            |           |             |           |             |           |             |           |            |           |            |           |             |           |            | 1        | 14.5       | 1          | 2.1        |
| <b>SYRACUSE AREA TOTAL</b>  | <b>3</b>              | <b>4.3</b> | <b>2</b>  | <b>3.0</b>  | <b>1</b>  | <b>2.0</b>  | <b>1</b>  | <b>1.7</b>  |           |            |           |            | <b>1</b>  | <b>1.6</b>  |           |            | <b>2</b> | <b>1.2</b> | <b>10</b>  | <b>1.2</b> |
| DUTCHESS                    | 1                     | 9.4        | 2         | 21.9        | 2         | 25.8        |           |             | 1         | 7.9        |           |            |           |             |           |            |          |            | 6          | 4.3        |
| NASSAU                      | 3                     | 7.1        | 11        | 30.9        | 6         | 17.6        | 5         | 11.3        | 6         | 11.2       | 3         | 5.4        | 7         | 14.1        | 4         | 9.0        | 2        | 1.4        | 47         | 7.3        |
| ORANGE                      |                       |            | 1         | 9.0         |           |             | 1         | 8.3         |           |            |           |            |           |             |           |            | 3        | 10.7       | 5          | 2.9        |
| PUTNAM                      |                       |            |           |             | 1         | 40.4        |           |             |           |            | 1         | 21.0       |           |             |           |            |          |            | 2          | 4.2        |
| ROCKLAND                    |                       |            |           |             | 2         | 27.0        |           |             |           |            |           |            |           |             |           |            |          |            | 2          | 1.4        |
| SUFFOLK                     | 4                     | 8.8        | 10        | 25.5        | 6         | 14.7        | 3         | 5.6         | 4         | 6.3        | 5         | 8.0        | 7         | 13.9        | 5         | 11.0       | 2        | 1.5        | 46         | 6.6        |
| SULLIVAN                    |                       |            |           |             |           |             |           |             | 1         | 31.9       |           |            |           |             |           |            |          |            | 1          | 2.6        |
| ULSTER                      | 1                     | 16.2       | 2         | 36.6        | 1         | 19.3        |           |             | 1         | 12.4       | 1         | 12.5       |           |             | 1         | 15.8       |          |            | 7          | 7.9        |
| WESTCHESTER                 | 5                     | 18.3       | 7         | 31.1        | 8         | 30.5        | 9         | 27.2        | 6         | 15.6       | 6         | 15.4       | 9         | 27.8        |           |            |          |            | 50         | 11.4       |
| <b>METRO NY AREA TOTAL</b>  | <b>14</b>             | <b>8.7</b> | <b>33</b> | <b>24.4</b> | <b>26</b> | <b>19.3</b> | <b>18</b> | <b>10.3</b> | <b>19</b> | <b>9.0</b> | <b>16</b> | <b>7.5</b> | <b>23</b> | <b>12.8</b> | <b>10</b> | <b>6.2</b> | <b>7</b> | <b>1.5</b> | <b>166</b> | <b>6.9</b> |

Table 5.1. Early syphilis -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                       | Early Syphilis -- Men |             |            |             |            |             |            |             |            |             |            |              |            |             |            |             |           |             |              |             |
|-----------------------|-----------------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|--------------|------------|-------------|------------|-------------|-----------|-------------|--------------|-------------|
|                       | Age Group             |             |            |             |            |             |            |             |            |             |            |              |            |             |            |             |           |             |              |             |
|                       | 15-19                 |             | 20-24      |             | 25-29      |             | 30-34      |             | 35-39      |             | 40-44      |              | 45-49      |             | 50-54      |             | 55+       |             | Total        |             |
| County                | Cases                 | Rate        | Cases      | Rate        | Cases      | Rate        | Cases      | Rate        | Cases      | Rate        | Cases      | Rate         | Cases      | Rate        | Cases      | Rate        | Cases     | Rate        | Cases        | Rate        |
| BRONX                 | 14                    | 27.3        | 53         | 111.7       | 52         | 115.8       | 48         | 98.9        | 43         | 86.0        | 43         | 96.8         | 30         | 81.8        | 17         | 54.2        | 19        | 20.7        | 319          | 51.6        |
| KINGS                 | 22                    | 24.7        | 99         | 111.0       | 88         | 96.1        | 80         | 89.7        | 83         | 91.8        | 91         | 105.5        | 54         | 71.8        | 29         | 44.2        | 17        | 8.8         | 563          | 48.8        |
| NEW YORK              | 21                    | 58.3        | 66         | 121.6       | 100        | 125.8       | 117        | 141.5       | 135        | 185.6       | 151        | 256.9        | 121        | 232.9       | 54         | 122.1       | 43        | 31.7        | 808          | 111.0       |
| QUEENS                | 8                     | 11.5        | 35         | 44.2        | 45         | 50.1        | 64         | 68.8        | 45         | 46.7        | 54         | 60.6         | 38         | 51.2        | 17         | 27.1        | 12        | 6.1         | 318          | 29.7        |
| RICHMOND              | 1                     | 6.8         | 7          | 51.9        |            |             | 3          | 18.1        | 4          | 21.8        | 4          | 22.1         | 2          | 12.6        | 2          | 13.8        | 1         | 2.5         | 24           | 11.2        |
| <b>NYC AREA TOTAL</b> | <b>66</b>             | <b>25.3</b> | <b>260</b> | <b>91.7</b> | <b>285</b> | <b>89.0</b> | <b>312</b> | <b>94.6</b> | <b>310</b> | <b>94.6</b> | <b>343</b> | <b>115.6</b> | <b>245</b> | <b>96.5</b> | <b>119</b> | <b>54.5</b> | <b>92</b> | <b>14.0</b> | <b>2,032</b> | <b>53.7</b> |

Table 5.2. Early syphilis -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                    | Early Syphilis -- Women |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            |          |            |       |      |
|---------------------------|-------------------------|------|-------|------|----------|------------|----------|------------|-------|------|----------|------------|-------|------|-------|------|-------|------|----------|------------|----------|------------|-------|------|
|                           | Age Group               |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            |          |            |       |      |
|                           | 10-14                   |      | 15-19 |      | 20-24    |            | 25-29    |            | 30-34 |      | 35-39    |            | 40-44 |      | 45-49 |      | 50-54 |      | 55+      |            | Total    |            |       |      |
| County                    | Cases                   | Rate | Cases | Rate | Cases    | Rate       | Cases    | Rate       | Cases | Rate | Cases    | Rate       | Cases | Rate | Cases | Rate | Cases | Rate | Cases    | Rate       | Cases    | Rate       | Cases | Rate |
| ALBANY                    |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      | 1        | 2.5        | 1        | 0.7        |       |      |
| CLINTON                   |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| COLUMBIA                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| DELAWARE                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| ESSEX                     |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| FRANKLIN                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| FULTON                    |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| GREENE                    |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| HAMILTON                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| MONTGOMERY                |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| OTSEGO                    |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| RENSSELAER                |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| SARATOGA                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| SCHENECTADY               |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| SCHOHARIE                 |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| WARREN                    |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| WASHINGTON                |                         |      |       |      | 1        | 72.4       |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 1        | 3.4        |       |      |
| <b>ALBANY AREA TOTAL</b>  |                         |      |       |      | <b>1</b> | <b>2.3</b> |          |            |       |      |          |            |       |      |       |      |       |      | <b>1</b> | <b>0.5</b> | <b>2</b> | <b>0.3</b> |       |      |
| ALLEGANY                  |                         |      |       |      |          |            |          |            |       |      |          |            | 1     | 57.8 |       |      |       |      |          |            | 1        | 4.0        |       |      |
| CATTARAGUS                |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| CHAUTAUQUA                |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| ERIE                      |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| GENESEE                   |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| NIAGARA                   |                         |      |       |      | 1        | 15.8       |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 1        | 0.9        |       |      |
| ORLEANS                   |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| WYOMING                   |                         |      |       |      |          |            | 1        | 90.7       |       |      |          |            |       |      |       |      |       |      |          |            | 1        | 5.0        |       |      |
| <b>BUFFALO AREA TOTAL</b> |                         |      |       |      | <b>1</b> | <b>2.1</b> | <b>1</b> | <b>2.2</b> |       |      | <b>1</b> | <b>1.6</b> |       |      |       |      |       |      |          |            | <b>3</b> | <b>0.4</b> |       |      |
| CHEMUNG                   |                         |      | 1     | 32.1 | 1        | 37.0       | 1        | 43.0       |       |      |          |            |       |      |       |      |       |      |          |            | 3        | 6.5        |       |      |
| LIVINGSTON                |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| MONROE                    |                         |      |       |      | 1        | 4.2        | 3        | 12.9       |       |      |          |            |       |      |       |      |       |      |          |            | 4        | 1.1        |       |      |
| ONTARIO                   |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |
| SCHUYLER                  |                         |      |       |      |          |            |          |            |       |      |          |            |       |      |       |      |       |      |          |            | 0        | 0.0        |       |      |

Table 5.2. Early syphilis -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                             | Early Syphilis -- Women |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      |           |            |
|-----------------------------|-------------------------|------|----------|------------|----------|------------|----------|-------------|----------|------------|-------|------|-------|------|-------|------|-------|------|----------|------------|-------|------|-----------|------------|
|                             | Age Group               |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      |           |            |
|                             | 10-14                   |      | 15-19    |            | 20-24    |            | 25-29    |             | 30-34    |            | 35-39 |      | 40-44 |      | 45-49 |      | 50-54 |      | 55+      |            | Total |      | County    |            |
|                             | Cases                   | Rate | Cases    | Rate       | Cases    | Rate       | Cases    | Rate        | Cases    | Rate       | Cases | Rate | Cases | Rate | Cases | Rate | Cases | Rate | Cases    | Rate       | Cases | Rate |           |            |
| SENECA                      |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| STEUBEN                     |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| WAYNE                       |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| YATES                       |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| <b>ROCHESTER AREA TOTAL</b> |                         |      | <b>1</b> | <b>2.3</b> | <b>2</b> | <b>5.2</b> | <b>4</b> | <b>10.8</b> |          |            |       |      |       |      |       |      |       |      |          |            |       |      | <b>7</b>  | <b>1.1</b> |
| BROOME                      |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| CAYUGA                      |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| CHENANGO                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| CORTLAND                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| HERKIMER                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| JEFFERSON                   |                         |      |          |            | 1        | 25.9       |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 1         | 1.8        |
| LEWIS                       |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| MADISON                     |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| ONEIDA                      |                         |      |          |            |          |            | 1        | 16.1        |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 1         | 0.8        |
| ONONDAGA                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| OSWEGO                      |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| ST. LAWRENCE                |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| TIOGA                       |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| TOMPKINS                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| <b>SYRACUSE AREA TOTAL</b>  |                         |      |          |            | <b>1</b> | <b>1.6</b> | <b>1</b> | <b>2.0</b>  |          |            |       |      |       |      |       |      |       |      |          |            |       |      | <b>2</b>  | <b>0.2</b> |
| DUTCHESS                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| NASSAU                      |                         |      |          |            | 1        | 3.1        |          |             | 1        | 2.1        |       |      |       |      |       |      |       |      |          |            |       |      | 2         | 0.3        |
| ORANGE                      |                         |      | 1        | 8.5        | 1        | 11.3       |          |             |          |            |       |      |       |      |       |      |       |      | 1        | 2.8        |       |      | 3         | 1.8        |
| PUTNAM                      |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| ROCKLAND                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| SUFFOLK                     |                         |      |          |            | 1        | 2.7        | 3        | 7.2         |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 4         | 0.6        |
| SULLIVAN                    |                         |      |          |            |          |            |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 0         | 0.0        |
| ULSTER                      |                         |      | 2        | 35.2       | 1        | 18.9       |          |             |          |            |       |      |       |      |       |      |       |      |          |            |       |      | 3         | 3.4        |
| WESTCHESTER                 |                         |      | 2        | 7.7        | 1        | 4.3        |          |             | 2        | 5.5        |       |      |       |      |       |      |       |      |          |            |       |      | 5         | 1.0        |
| <b>METRO NY AREA TOTAL</b>  |                         |      | <b>5</b> | <b>3.4</b> | <b>5</b> | <b>4.0</b> | <b>3</b> | <b>2.2</b>  | <b>3</b> | <b>1.7</b> |       |      |       |      |       |      |       |      | <b>1</b> | <b>0.2</b> |       |      | <b>17</b> | <b>0.7</b> |
| BRONX                       |                         |      | 9        | 18.4       | 7        | 13.3       | 5        | 9.4         | 2        | 3.6        | 5     | 8.5  | 11    | 20.6 | 3     | 6.9  | 1     | 2.6  | 1        | 0.7        |       |      | 44        | 6.2        |
| KINGS                       |                         |      | 5        | 5.9        | 9        | 9.4        | 15       | 14.7        | 8        | 8.0        | 15    | 14.7 | 9     | 9.0  | 1     | 1.1  | 2     | 2.5  | 3        | 1.0        |       |      | 67        | 5.1        |

Table 5.2. Early syphilis -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                       | Early Syphilis -- Women |      |           |            |           |            |           |            |           |            |           |            |           |            |          |            |          |            |          |            |            |            |       |      |
|-----------------------|-------------------------|------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|-------|------|
|                       | Age Group               |      |           |            |           |            |           |            |           |            |           |            |           |            |          |            |          |            |          |            |            |            |       |      |
|                       | 10-14                   |      | 15-19     |            | 20-24     |            | 25-29     |            | 30-34     |            | 35-39     |            | 40-44     |            | 45-49    |            | 50-54    |            | 55+      |            | Total      |            |       |      |
| County                | Cases                   | Rate | Cases     | Rate       | Cases     | Rate       | Cases     | Rate       | Cases     | Rate       | Cases     | Rate       | Cases     | Rate       | Cases    | Rate       | Cases    | Rate       | Cases    | Rate       | Cases      | Rate       | Cases | Rate |
| NEW YORK              |                         |      | 1         | 2.7        | 6         | 9.1        | 2         | 2.3        | 5         | 6.1        | 5         | 7.3        | 4         | 6.6        | 1        | 1.8        |          |            |          |            | 24         | 3.0        |       |      |
| QUEENS                |                         |      |           |            | 5         | 6.4        | 3         | 3.3        | 5         | 5.4        | 5         | 5.2        | 2         | 2.2        |          |            |          |            | 3        | 1.1        | 23         | 2.0        |       |      |
| RICHMOND              |                         |      |           |            |           |            |           |            |           |            |           |            |           |            |          |            |          |            |          |            | 0          | 0.0        |       |      |
| <b>NYC AREA TOTAL</b> |                         |      | <b>15</b> | <b>6.0</b> | <b>27</b> | <b>8.9</b> | <b>25</b> | <b>7.2</b> | <b>20</b> | <b>5.7</b> | <b>30</b> | <b>8.7</b> | <b>26</b> | <b>8.0</b> | <b>5</b> | <b>1.8</b> | <b>3</b> | <b>1.2</b> | <b>7</b> | <b>0.7</b> | <b>158</b> | <b>3.7</b> |       |      |

Table 6. Gonorrhea-- Reported cases and rates per 100,000: United States, New York City, and New York State exclusive of New York City, 1960-2009

| Year | Gonorrhea     |       |        |       |            |       |
|------|---------------|-------|--------|-------|------------|-------|
|      | United States |       | NYC    |       | Upstate NY |       |
|      | Cases         | Rate  | Cases  | Rate  | Cases      | Rate  |
| 1960 | 258,933       | 145.4 | 16,680 | 215.7 | 4,689      | 52.1  |
| 1961 | 264,158       | 145.8 | 18,280 | 235.4 | 4,994      | 53.9  |
| 1962 | 263,714       | 143.6 | 18,900 | 243.5 | 5,325      | 56.5  |
| 1963 | 278,289       | 149.0 | 22,920 | 295.6 | 5,027      | 52.4  |
| 1964 | 300,666       | 158.9 | 25,830 | 333.6 | 5,852      | 60.1  |
| 1965 | 324,925       | 169.5 | 28,990 | 370.2 | 7,133      | 72.2  |
| 1966 | 351,738       | 181.2 | 29,660 | 378.7 | 7,952      | 80.4  |
| 1967 | 404,836       | 205.9 | 27,380 | 341.1 | 9,002      | 90.0  |
| 1968 | 464,543       | 233.4 | 34,830 | 432.5 | 10,423     | 103.5 |
| 1969 | 534,872       | 265.4 | 36,690 | 454.5 | 11,604     | 114.3 |
| 1970 | 600,072       | 294.2 | 36,730 | 454.6 | 12,352     | 119.7 |
| 1971 | 670,268       | 324.1 | 38,400 | 486.4 | 16,845     | 159.9 |
| 1972 | 767,215       | 366.6 | 43,760 | 548.4 | 21,181     | 199.0 |
| 1973 | 842,621       | 398.7 | 48,060 | 609.1 | 20,408     | 190.0 |
| 1974 | 906,121       | 424.7 | 48,220 | 620.2 | 20,516     | 189.8 |
| 1975 | 999,937       | 464.1 | 47,840 | 631.7 | 21,293     | 196.4 |
| 1976 | 100,199       | 460.6 | 50,260 | 669.3 | 19,803     | 187.6 |
| 1977 | 100,221       | 456.0 | 39,300 | 524.3 | 18,981     | 179.8 |
| 1978 | 101,343       | 456.3 | 40,570 | 547.6 | 19,622     | 183.8 |
| 1979 | 100,405       | 447.1 | 44,660 | 578.1 | 20,587     | 192.9 |
| 1980 | 100,402       | 442.1 | 44,280 | 614.8 | 21,283     | 198.1 |
| 1981 | 990,864       | 431.8 | 48,890 | 695.5 | 21,795     | 208.4 |
| 1982 | 960,633       | 414.7 | 48,210 | 694.2 | 20,707     | 198.4 |
| 1983 | 900,435       | 385.1 | 46,410 | 672.8 | 19,423     | 186.0 |
| 1984 | 878,556       | 372.5 | 48,540 | 692.2 | 18,882     | 181.2 |
| 1985 | 911,419       | 383.0 | 65,510 | 914.8 | 18,345     | 176.1 |
| 1986 | 892,229       | 371.5 | 76,400 | 1055  | 19,247     | 182.9 |
| 1987 | 787,532       | 325.0 | 66,545 | 909.9 | 17,707     | 168.1 |
| 1988 | 738,160       | 301.9 | 54,099 | 722.8 | 17,797     | 168.7 |
| 1989 | 733,294       | 297.1 | 40,550 | 550.5 | 17,433     | 165.3 |
| 1990 | 690,042       | 276.4 | 34,989 | 474.4 | 16,099     | 152.3 |
| 1991 | 621,918       | 245.8 | 28,945 | 395.3 | 14,586     | 136.7 |
| 1992 | 502,858       | 196.0 | 21,710 | 296.5 | 12,008     | 112.6 |
| 1993 | 444,649       | 171.1 | 18,477 | 250.5 | 10,882     | 100.9 |
| 1994 | 419,602       | 163.9 | 19,246 | 258.6 | 11,538     | 106.4 |
| 1995 | 392,651       | 147.5 | 16,361 | 218.8 | 9,614      | 88.3  |
| 1996 | 328,169       | 121.8 | 12,998 | 181.4 | 7,609      | 69.9  |
| 1997 | 327,665       | 120.2 | 14,556 | 193.0 | 6,801      | 62.4  |
| 1998 | 356,492       | 129.2 | 12,100 | 159.7 | 7,397      | 67.3  |
| 1999 | 360,813       | 129.3 | 12,207 | 161.1 | 7,663      | 69.5  |
| 2000 | 363,136       | 128.7 | 11,669 | 145.6 | 8,445      | 77.0  |
| 2001 | 361,705       | 126.8 | 12,614 | 169.4 | 9,687      | 89.9  |
| 2002 | 351,852       | 122.0 | 12,811 | 172.0 | 9,117      | 84.6  |
| 2003 | 335,104       | 115.2 | 13,468 | 168.2 | 8,484      | 77.4  |
| 2004 | 330,132       | 112.4 | 10,860 | 135.6 | 7,719      | 70.4  |
| 2005 | 339,593       | 114.6 | 10,596 | 132.3 | 7,316      | 66.7  |
| 2006 | 358,366       | 120.9 | 10,299 | 128.6 | 7,160      | 65.3  |

Table 6. Gonorrhea-- Reported cases and rates per 100,000: United States, New York City, and New York State exclusive of New York City, 1960-2009

| Year | Gonorrhea     |       |        |       |            |      |
|------|---------------|-------|--------|-------|------------|------|
|      | United States |       | NYC    |       | Upstate NY |      |
|      | Cases         | Rate  | Cases  | Rate  | Cases      | Rate |
| 2007 | 355,991       | 118.9 | 10,310 | 128.7 | 7,389      | 67.4 |
| 2008 | 336,742       | 111.6 | 10,483 | 130.9 | 6,637      | 60.5 |
| 2009 | 301,174       | 99.1  | 10,898 | 136.1 | 6,111      | 55.7 |

Note: The numbers of gonorrhea cases were recorded in thousands for New York City before 1986.

Table 7. Gonorrhea-- Reported cases and rates per 100,000 by region and county: New York State, 2009

| Region    | Gonorrhea                   |              |              |
|-----------|-----------------------------|--------------|--------------|
|           | County                      | Cases        | Rate         |
| ALBANY    | ALBANY                      | 251          | 85.2         |
|           | CLINTON                     | 6            | 7.5          |
|           | COLUMBIA                    | 13           | 20.6         |
|           | DELAWARE                    | 5            | 10.4         |
|           | ESSEX                       | 1            | 2.6          |
|           | FRANKLIN                    | 2            | 3.9          |
|           | FULTON                      | 29           | 52.7         |
|           | GREENE                      | 5            | 10.4         |
|           | HAMILTON                    | 0            | 0.0          |
|           | MONTGOMERY                  | 13           | 26.2         |
|           | OTSEGO                      | 7            | 11.3         |
|           | RENSSELAER                  | 85           | 55.7         |
|           | SARATOGA                    | 18           | 9.0          |
|           | SCHENECTADY                 | 103          | 70.3         |
|           | SCHOHARIE                   | 3            | 9.5          |
|           | WARREN                      | 2            | 3.2          |
|           | WASHINGTON                  | 6            | 9.8          |
|           | <b>ALBANY AREA TOTAL</b>    | <b>549</b>   | <b>37.8</b>  |
| BUFFALO   | ALLEGANY                    | 0            | 0.0          |
|           | CATTARAGUS                  | 8            | 9.5          |
|           | CHAUTAUQUA                  | 42           | 30.1         |
|           | ERIE                        | 1,409        | 148.3        |
|           | GENESEE                     | 14           | 23.2         |
|           | NIAGARA                     | 165          | 75.1         |
|           | ORLEANS                     | 12           | 27.2         |
|           | WYOMING                     | 1            | 2.3          |
|           | <b>BUFFALO AREA TOTAL</b>   | <b>1,651</b> | <b>103.7</b> |
| ROCHESTER | CHEMUNG                     | 51           | 56.0         |
|           | LIVINGSTON                  | 5            | 7.8          |
|           | MONROE                      | 1,414        | 192.3        |
|           | ONTARIO                     | 13           | 13.0         |
|           | SCHUYLER                    | 0            | 0.0          |
|           | SENECA                      | 7            | 21.0         |
|           | STEUBEN                     | 14           | 14.2         |
|           | WAYNE                       | 21           | 22.4         |
|           | YATES                       | 0            | 0.0          |
|           | <b>ROCHESTER AREA TOTAL</b> | <b>1,525</b> | <b>121.0</b> |
| SYRACUSE  | BROOME                      | 72           | 35.9         |
|           | CAYUGA                      | 5            | 6.1          |
|           | CHENANGO                    | 1            | 1.9          |
|           | CORTLAND                    | 12           | 24.7         |
|           | HERKIMER                    | 7            | 10.9         |
|           | JEFFERSON                   | 58           | 51.9         |
|           | LEWIS                       | 1            | 3.7          |
|           | MADISON                     | 6            | 8.6          |
|           | ONEIDA                      | 133          | 56.5         |
|           | ONONDAGA                    | 370          | 80.7         |
|           | OSWEGO                      | 8            | 6.5          |

Table 7. Gonorrhea-- Reported cases and rates per 100,000 by region and county: New York State, 2009

| Region         | Gonorrhea                  |               |              |
|----------------|----------------------------|---------------|--------------|
|                | County                     | Cases         | Rate         |
|                | ST. LAWRENCE               | 8             | 7.1          |
|                | TIOGA                      | 1             | 1.9          |
|                | TOMPKINS                   | 19            | 19.7         |
|                | <b>SYRACUSE AREA TOTAL</b> | <b>701</b>    | <b>40.5</b>  |
| METROPOLITAN   | DUTCHESS                   | 122           | 43.5         |
|                | NASSAU                     | 402           | 30.1         |
|                | ORANGE                     | 167           | 48.9         |
|                | PUTNAM                     | 7             | 7.3          |
|                | ROCKLAND                   | 62            | 21.6         |
|                | SUFFOLK                    | 472           | 33.3         |
|                | SULLIVAN                   | 34            | 46.0         |
|                | ULSTER                     | 43            | 24.2         |
|                | WESTCHESTER                | 376           | 40.7         |
|                | <b>METRO NY AREA TOTAL</b> | <b>1,685</b>  | <b>34.2</b>  |
| UPSTATE NY     | <b>TOTAL</b>               | <b>6,111</b>  | <b>55.7</b>  |
| NEW YORK CITY  | BRONX                      | 3,029         | 227.3        |
|                | KINGS                      | 3,514         | 142.5        |
|                | NEW YORK                   | 2,356         | 153.3        |
|                | QUEENS                     | 1,808         | 81.1         |
|                | RICHMOND                   | 191           | 43.0         |
| NEW YORK CITY  | <b>TOTAL</b>               | <b>10,898</b> | <b>136.1</b> |
| NEW YORK STATE | <b>TOTAL</b>               | <b>17,009</b> | <b>89.6</b>  |

Table 8. Gonorrhea-- Reported cases and rates per 100,000 by age and sex: New York State, 2009

|                |              | Gonorrhea    |              |              |              |               |              |
|----------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
|                |              | Male         |              | Female       |              | Total         |              |
| Area           | Age Group    | Cases        | Rate         | Cases        | Rate         | Cases         | Rate         |
| UPSTATE NY     | 0-9          | 2            | 0.3          | 5            | 0.7          | 7             | 0.5          |
|                | 10-14        | 10           | 2.4          | 50           | 12.9         | 60            | 7.5          |
|                | 15-19        | 540          | 138.4        | 1,172        | 320.5        | 1,712         | 226.5        |
|                | 20-24        | 861          | 253.4        | 1,048        | 329.8        | 1,909         | 290.3        |
|                | 25-29        | 544          | 176.7        | 490          | 158.3        | 1,034         | 167.5        |
|                | 30-34        | 324          | 85.7         | 237          | 61.7         | 561           | 73.6         |
|                | 35-39        | 217          | 48.2         | 116          | 24.9         | 333           | 36.4         |
|                | 40-44        | 163          | 35.6         | 63           | 13.7         | 226           | 24.6         |
|                | 45-49        | 104          | 26.0         | 26           | 6.3          | 130           | 16.0         |
|                | 50-54        | 51           | 14.4         | 16           | 4.3          | 67            | 9.2          |
|                | 55+          | 57           | 5.2          | 13           | 0.9          | 70            | 2.8          |
|                | <b>TOTAL</b> | <b>2,874</b> | <b>53.7</b>  | <b>3,237</b> | <b>57.6</b>  | <b>6,111</b>  | <b>55.7</b>  |
| NEW YORK CITY  | 0-9          | 5            | 0.9          | 8            | 1.5          | 13            | 1.2          |
|                | 10-14        | 28           | 10.2         | 104          | 39.9         | 132           | 24.6         |
|                | 15-19        | 975          | 373.6        | 1,768        | 705.8        | 2,744         | 536.4        |
|                | 20-24        | 1,812        | 638.8        | 1,452        | 476.5        | 3,265         | 554.9        |
|                | 25-29        | 1,290        | 402.9        | 627          | 179.3        | 1,918         | 286.3        |
|                | 30-34        | 737          | 223.4        | 305          | 87.6         | 1,042         | 153.7        |
|                | 35-39        | 470          | 143.4        | 169          | 49.0         | 639           | 95.0         |
|                | 40-44        | 448          | 151.0        | 105          | 32.3         | 553           | 88.9         |
|                | 45-49        | 254          | 100.0        | 73           | 25.6         | 328           | 60.8         |
|                | 50-54        | 100          | 45.8         | 32           | 12.3         | 132           | 27.6         |
|                | 55+          | 64           | 9.7          | 26           | 2.7          | 90            | 5.6          |
|                | <b>TOTAL</b> | <b>6,202</b> | <b>163.9</b> | <b>4,691</b> | <b>111.1</b> | <b>10,898</b> | <b>136.1</b> |
| NEW YORK STATE | 0-9          | 7            | 0.5          | 13           | 1.0          | 20            | 0.8          |
|                | 10-14        | 38           | 5.5          | 154          | 23.7         | 192           | 14.4         |
|                | 15-19        | 1,515        | 232.7        | 2,940        | 477.1        | 4,456         | 351.6        |
|                | 20-24        | 2,673        | 428.7        | 2,500        | 401.6        | 5,174         | 415.2        |
|                | 25-29        | 1,834        | 292.1        | 1,117        | 169.4        | 2,952         | 229.3        |
|                | 30-34        | 1,061        | 149.9        | 542          | 74.0         | 1,603         | 111.3        |
|                | 35-39        | 687          | 88.3         | 285          | 35.2         | 972           | 61.2         |
|                | 40-44        | 611          | 81.0         | 168          | 21.4         | 779           | 50.6         |
|                | 45-49        | 358          | 54.7         | 99           | 14.2         | 458           | 33.9         |
|                | 50-54        | 151          | 26.4         | 48           | 7.6          | 199           | 16.5         |
|                | 55+          | 121          | 6.9          | 39           | 1.6          | 160           | 3.9          |
|                | <b>TOTAL</b> | <b>9,076</b> | <b>99.4</b>  | <b>7,928</b> | <b>80.6</b>  | <b>17,009</b> | <b>89.6</b>  |

Table 9.1. Gonorrhea -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                    | Gonorrhea -- Men |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            |            |             |       |      |
|---------------------------|------------------|------|----------|------------|------------|--------------|------------|--------------|------------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|----------|-------------|-----------|------------|------------|-------------|-------|------|
|                           | Age Group        |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            |            |             |       |      |
|                           | 0-9              |      | 10-14    |            | 15-19      |              | 20-24      |              | 25-29      |              | 30-34     |              | 35-39     |             | 40-44     |             | 45-49     |             | 50-54    |             | 55+       |            | Total      |             |       |      |
|                           | Cases            | Rate | Cases    | Rate       | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases     | Rate         | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases    | Rate        | Cases     | Rate       | Cases      | Rate        | Cases | Rate |
| ALBANY                    |                  |      | 2        | 20.0       | 17         | 156.7        | 37         | 328.6        | 24         | 262.4        | 19        | 186.6        | 13        | 114.5       | 9         | 80.4        | 2         | 18.8        | 3        | 30.8        | 3         | 10.6       | 129        | 91.5        |       |      |
| CLINTON                   |                  |      |          |            |            |              | 5          | 134.1        |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 5          | 12.2        |       |      |
| COLUMBIA                  |                  |      |          |            | 1          | 40.4         | 1          | 73.2         | 1          | 65.1         | 1         | 51.7         | 1         | 40.7        | 1         | 38.3        | 1         | 39.6        |          |             |           |            | 7          | 22.3        |       |      |
| DELAWARE                  |                  |      |          |            | 1          | 48.8         | 1          | 82.0         |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 2          | 8.5         |       |      |
| ESSEX                     |                  |      |          |            |            |              |            |              | 1          |              |           |              |           |             |           |             |           |             |          |             |           |            | 1          | 0.0         |       |      |
| FRANKLIN                  |                  |      |          |            |            |              | 2          |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 2          | 0.0         |       |      |
| FULTON                    |                  |      |          |            | 1          | 44.7         | 3          | 209.9        | 4          | 254.5        | 2         | 107.0        | 1         | 47.4        | 3         | 128.4       |           |             |          |             |           |            | 14         | 51.3        |       |      |
| GREENE                    |                  |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             | 1         | 55.2        |          |             |           |            | 1          | 4.0         |       |      |
| HAMILTON                  |                  |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 0          | 0.0         |       |      |
| MONTGOMERY                |                  |      |          |            | 1          | 59.3         | 2          | 159.4        | 1          | 77.3         |           |              | 1         | 60.7        | 1         | 51.1        |           |             | 1        | 63.8        |           |            | 7          | 29.5        |       |      |
| OTSEGO                    |                  |      |          |            |            |              | 1          | 36.6         |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 1          | 3.4         |       |      |
| RENSSELAER                |                  |      | 1        | 18.3       | 6          | 99.9         | 11         | 198.2        | 8          | 178.0        | 6         | 119.9        | 1         | 16.7        | 1         | 16.0        | 1         | 17.7        | 3        | 58.5        | 3         | 20.2       | 41         | 55.0        |       |      |
| SARATOGA                  |                  |      |          |            | 1          | 15.0         | 2          | 35.9         | 1          | 16.6         | 2         | 25.6         |           |             | 4         | 46.1        | 1         | 13.2        |          |             | 1         | 5.3        | 12         | 12.2        |       |      |
| SCHENECTADY               |                  |      | 1        | 18.3       | 10         | 215.8        | 12         | 292.0        | 10         | 254.7        | 9         | 189.8        | 4         | 67.1        | 4         | 70.1        |           |             |          |             |           |            | 50         | 70.8        |       |      |
| SCHOHARIE                 |                  |      |          |            |            |              |            |              | 2          | 255.1        |           |              |           |             |           |             |           |             |          |             |           |            | 2          | 12.8        |       |      |
| WARREN                    |                  |      |          |            |            |              | 2          |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 2          | 0.0         |       |      |
| WASHINGTON                |                  |      |          |            |            |              |            |              |            |              | 1         | 42.8         |           |             |           |             | 1         | 42.0        |          |             | 1         | 15.3       | 3          | 9.6         |       |      |
| <b>ALBANY AREA TOTAL</b>  |                  |      | <b>4</b> | <b>7.6</b> | <b>38</b>  | <b>70.0</b>  | <b>75</b>  | <b>153.5</b> | <b>51</b>  | <b>119.7</b> | <b>40</b> | <b>79.3</b>  | <b>21</b> | <b>35.8</b> | <b>23</b> | <b>38.7</b> | <b>7</b>  | <b>12.9</b> | <b>7</b> | <b>14.3</b> | <b>8</b>  | <b>5.3</b> | <b>274</b> | <b>38.3</b> |       |      |
| ALLEGANY                  |                  |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 0          | 0.0         |       |      |
| CATTARAGUS                |                  |      |          |            |            |              | 2          | 78.8         |            |              |           |              | 1         | 33.6        |           |             |           |             |          |             |           |            | 3          | 7.3         |       |      |
| CHAUTAUQUA                |                  |      |          |            | 2          | 35.1         | 7          | 146.0        | 2          | 54.6         | 6         | 145.2        | 2         | 39.1        |           |             |           |             | 1        | 23.0        |           |            | 20         | 29.4        |       |      |
| ERIE                      |                  |      | 1        | 2.8        | 146        | 452.8        | 182        | 628.4        | 117        | 443.0        | 66        | 210.6        | 47        | 130.5       | 32        | 83.1        | 21        | 61.7        | 4        | 14.0        | 10        | 10.0       | 626        | 137.9       |       |      |
| GENESEE                   |                  |      |          |            | 3          | 125.2        | 2          | 128.4        |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 5          | 16.8        |       |      |
| NIAGARA                   |                  |      | 1        | 12.1       | 26         | 329.6        | 14         | 233.0        | 10         | 172.8        | 7         | 106.2        | 3         | 33.9        | 2         | 21.2        | 5         | 60.7        |          |             | 2         | 8.6        | 70         | 66.0        |       |      |
| ORLEANS                   |                  |      |          |            | 3          | 175.6        | 1          | 82.9         | 1          | 70.3         | 1         | 62.3         |           |             |           |             |           |             |          |             |           |            | 6          | 27.4        |       |      |
| WYOMING                   |                  |      |          |            | 1          |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 1          | 0.0         |       |      |
| <b>BUFFALO AREA TOTAL</b> |                  |      | <b>2</b> | <b>3.4</b> | <b>180</b> | <b>311.5</b> | <b>208</b> | <b>423.3</b> | <b>130</b> | <b>294.1</b> | <b>80</b> | <b>155.0</b> | <b>53</b> | <b>85.7</b> | <b>34</b> | <b>52.4</b> | <b>26</b> | <b>44.8</b> | <b>5</b> | <b>10.2</b> | <b>12</b> | <b>7.2</b> | <b>730</b> | <b>94.9</b> |       |      |
| CHEMUNG                   |                  |      |          |            | 4          | 122.3        | 8          | 265.8        | 4          | 152.3        | 2         | 61.5         | 4         | 107.3       | 1         | 26.0        | 2         | 59.7        |          |             |           |            | 25         | 55.4        |       |      |
| LIVINGSTON                |                  |      |          |            |            |              |            |              | 1          | 56.3         | 1         | 44.6         |           |             | 1         | 33.3        |           |             |          |             |           |            | 3          | 9.3         |       |      |
| MONROE                    |                  |      | 4        | 13.8       | 138        | 510.7        | 212        | 867.0        | 117        | 537.1        | 69        | 275.8        | 54        | 189.7       | 35        | 119.4       | 32        | 121.9       | 16       | 69.3        | 21        | 30.8       | 699        | 197.2       |       |      |
| ONTARIO                   |                  |      |          |            |            |              | 3          | 104.7        | 4          | 156.3        |           |              |           |             | 1         | 23.4        | 1         | 25.3        | 1        | 27.7        |           |            | 10         | 20.4        |       |      |
| SCHUYLER                  |                  |      |          |            |            |              |            |              |            |              |           |              |           |             |           |             |           |             |          |             |           |            | 0          | 0.0         |       |      |

Table 9.1. Gonorrhea -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                      | Gonorrhea -- Men |            |          |            |            |              |            |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             |            |              |
|-----------------------------|------------------|------------|----------|------------|------------|--------------|------------|--------------|------------|--------------|-----------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------------|--------------|
|                             | Age Group        |            |          |            |            |              |            |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             |            |              |
|                             | 0-9              |            | 10-14    |            | 15-19      |              | 20-24      |              | 25-29      |              | 30-34     |              | 35-39     |              | 40-44     |             | 45-49     |             | 50-54     |             | 55+       |             | Total      |              |
|                             | Cases            | Rate       | Cases    | Rate       | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases     | Rate         | Cases     | Rate         | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases      | Rate         |
| SENECA                      |                  |            |          |            |            |              |            |              |            |              | 1         | 87.2         |           |              | 1         | 68.5        |           |             |           |             |           |             | 2          | 12.1         |
| STEUBEN                     |                  |            |          |            |            |              | 1          | 40.8         |            |              | 1         | 32.8         |           |              |           |             |           |             |           |             |           |             | 2          | 4.1          |
| WAYNE                       |                  |            |          |            |            |              | 2          | 93.5         |            |              |           |              |           |              |           |             | 1         | 27.8        |           |             |           |             | 3          | 6.5          |
| YATES                       |                  |            |          |            |            |              |            |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             | 0          | 0.0          |
| <b>ROCHESTER AREA TOTAL</b> |                  |            | <b>4</b> | <b>8.0</b> | <b>142</b> | <b>303.7</b> | <b>226</b> | <b>562.9</b> | <b>126</b> | <b>352.7</b> | <b>74</b> | <b>174.1</b> | <b>58</b> | <b>116.5</b> | <b>39</b> | <b>75.4</b> | <b>36</b> | <b>77.8</b> | <b>17</b> | <b>41.6</b> | <b>21</b> | <b>17.1</b> | <b>744</b> | <b>121.2</b> |
| BROOME                      |                  |            |          |            | 8          | 103.4        | 9          | 122.8        | 4          | 78.2         | 6         | 101.9        | 4         | 52.4         | 1         | 12.4        | 2         | 28.4        | 1         | 15.9        |           |             | 35         | 36.2         |
| CAYUGA                      |                  |            |          |            | 1          | 31.9         | 1          | 40.4         |            |              |           |              | 1         | 27.1         |           |             |           |             |           |             |           |             | 3          | 7.2          |
| CHENANGO                    |                  |            |          |            |            |              | 1          |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             | 1          | 0.0          |
| CORTLAND                    |                  |            |          |            |            |              |            |              | 4          | 296.1        | 1         | 63.7         |           |              |           |             |           |             |           |             |           |             | 5          | 21.2         |
| HERKIMER                    |                  |            |          |            |            |              | 4          | 208.9        |            |              |           |              |           |              | 1         | 41.3        |           |             |           |             |           |             | 5          | 16.1         |
| JEFFERSON                   |                  |            |          |            | 4          | 93.2         | 10         | 164.1        | 9          | 188.4        | 1         | 20.9         | 1         | 19.5         |           |             |           |             | 1         | 32.4        |           |             | 26         | 45.1         |
| LEWIS                       |                  |            |          |            | 1          |              |            |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             | 1          | 0.0          |
| MADISON                     |                  |            |          |            | 1          | 29.8         | 1          | 39.7         |            |              |           |              |           |              |           |             |           |             |           |             |           |             | 2          | 5.9          |
| ONEIDA                      |                  |            |          |            | 9          | 104.3        | 27         | 360.4        | 10         | 142.2        | 3         | 35.5         | 6         | 59.9         | 4         | 42.1        | 2         | 23.7        | 1         | 13.3        |           |             | 62         | 53.0         |
| ONONDAGA                    | 1                | 3.1        |          |            | 25         | 153.1        | 60         | 412.4        | 40         | 315.7        | 21        | 134.3        | 16        | 90.2         | 6         | 32.8        | 4         | 24.5        | 2         | 14.7        | 1         | 2.3         | 176        | 80.4         |
| OSWEGO                      |                  |            |          |            | 1          | 19.4         | 1          | 22.0         |            |              |           |              |           |              |           |             |           |             |           |             | 1         | 9.28        | 3          | 5.0          |
| ST. LAWRENCE                |                  |            |          |            | 1          | 18.2         | 3          | 52.1         |            |              |           |              | 1         | 21.9         |           |             |           |             |           |             |           |             | 5          | 8.8          |
| TIOGA                       |                  |            |          |            |            |              | 1          |              |            |              |           |              |           |              |           |             |           |             |           |             |           |             | 1          | 0.0          |
| TOMPKINS                    |                  |            |          |            | 2          | 32.0         | 7          | 83.2         | 1          | 27.5         |           |              |           |              |           |             |           |             |           |             |           |             | 10         | 21.0         |
| <b>SYRACUSE AREA TOTAL</b>  | <b>1</b>         | <b>0.9</b> |          |            | <b>52</b>  | <b>74.3</b>  | <b>123</b> | <b>184.6</b> | <b>68</b>  | <b>134.7</b> | <b>32</b> | <b>54.6</b>  | <b>29</b> | <b>42.1</b>  | <b>12</b> | <b>17.3</b> | <b>8</b>  | <b>13.0</b> | <b>5</b>  | <b>9.4</b>  | <b>2</b>  | <b>1.2</b>  | <b>332</b> | <b>39.1</b>  |
| DUTCHESS                    |                  |            |          |            | 10         | 93.9         | 16         | 175.3        | 13         | 167.9        | 12        | 119.7        | 2         | 15.9         | 3         | 22.8        | 2         | 18.4        | 2         | 21.0        |           |             | 60         | 42.8         |
| NASSAU                      |                  |            |          |            | 35         | 83.1         | 60         | 168.7        | 40         | 117.5        | 27        | 61.1         | 11        | 20.6         | 12        | 21.5        | 4         | 8.0         | 4         | 9.0         | 1         | 0.7         | 194        | 30.2         |
| ORANGE                      | 1                | 3.5        |          |            | 10         | 74.6         | 20         | 180.1        | 16         | 174.3        | 6         | 49.9         | 5         | 32.1         | 1         | 6.7         | 2         | 15.9        | 3         | 27.2        | 4         | 14.3        | 68         | 39.8         |
| PUTNAM                      |                  |            |          |            | 1          | 31.4         |            |              | 1          | 40.4         |           |              |           |              |           |             |           |             | 1         | 28.5        |           |             | 3          | 6.3          |
| ROCKLAND                    |                  |            |          |            | 1          | 9.8          | 5          | 61.8         | 7          | 94.3         | 4         | 42.1         |           |              | 5         | 45.5        | 5         | 50.5        |           |             | 2         | 7.3         | 29         | 20.7         |
| SUFFOLK                     |                  |            |          |            | 35         | 77.0         | 55         | 140.5        | 50         | 122.7        | 23        | 43.2         | 22        | 34.4         | 22        | 35.3        | 7         | 13.9        | 4         | 8.8         | 4         | 3.0         | 222        | 32.0         |
| SULLIVAN                    |                  |            |          |            | 3          | 106.9        | 7          | 389.3        | 1          | 55.6         | 1         | 37.3         |           |              |           |             | 3         | 103.7       |           |             |           |             | 15         | 39.6         |
| ULSTER                      |                  |            |          |            | 2          | 32.5         | 5          | 91.5         | 4          | 77.2         | 2         | 30.9         | 6         | 74.6         | 1         | 12.5        |           |             |           |             |           |             | 20         | 22.6         |
| WESTCHESTER                 |                  |            |          |            | 31         | 113.6        | 61         | 271.1        | 37         | 141.0        | 23        | 69.5         | 10        | 25.9         | 11        | 28.2        | 4         | 12.4        | 3         | 10.2        | 3         | 3.3         | 183        | 41.6         |
| <b>METRO NY AREA TOTAL</b>  | <b>1</b>         | <b>0.3</b> |          |            | <b>128</b> | <b>79.4</b>  | <b>229</b> | <b>169.6</b> | <b>169</b> | <b>125.4</b> | <b>98</b> | <b>56.1</b>  | <b>56</b> | <b>26.5</b>  | <b>55</b> | <b>25.9</b> | <b>27</b> | <b>15.0</b> | <b>17</b> | <b>10.5</b> | <b>14</b> | <b>2.9</b>  | <b>794</b> | <b>33.1</b>  |
| BRONX                       | 2                | 1.7        | 12       | 21.2       | 306        | 596.1        | 497        | 1047.7       | 288        | 641.2        | 141       | 290.6        | 90        | 180.1        | 95        | 213.8       | 41        | 111.8       | 20        | 63.8        | 10        | 10.9        | 1,503      | 243.2        |
| KINGS                       | 2                | 1.1        | 9        | 9.5        | 324        | 363.5        | 566        | 634.5        | 433        | 472.7        | 230       | 257.9        | 158       | 174.8        | 118       | 136.8       | 56        | 74.5        | 14        | 21.4        | 3         | 1.5         | 1,918      | 166.3        |

Table 9.1. Gonorrhea -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                       | Gonorrhea -- Men |            |           |             |            |              |              |              |              |              |            |              |            |              |            |              |            |              |            |             |           |            |              |              |
|-----------------------|------------------|------------|-----------|-------------|------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-------------|-----------|------------|--------------|--------------|
|                       | Age Group        |            |           |             |            |              |              |              |              |              |            |              |            |              |            |              |            |              |            |             |           |            |              |              |
|                       | 0-9              |            | 10-14     |             | 15-19      |              | 20-24        |              | 25-29        |              | 30-34      |              | 35-39      |              | 40-44      |              | 45-49      |              | 50-54      |             | 55+       |            | Total        |              |
| County                | Cases            | Rate       | Cases     | Rate        | Cases      | Rate         | Cases        | Rate         | Cases        | Rate         | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases      | Rate        | Cases     | Rate       | Cases        | Rate         |
| NEW YORK              |                  |            | 5         | 14.1        | 140        | 388.4        | 365          | 672.4        | 345          | 434.1        | 229        | 277.0        | 147        | 202.1        | 168        | 285.8        | 124        | 238.7        | 46         | 104.0       | 38        | 28.0       | 1,617        | 222.1        |
| QUEENS                |                  |            | 2         | 2.8         | 186        | 266.7        | 344          | 434.0        | 205          | 228.1        | 120        | 129.1        | 71         | 73.7         | 63         | 70.7         | 33         | 44.4         | 18         | 28.7        | 11        | 5.6        | 1,055        | 98.6         |
| RICHMOND              | 1                | 3.1        |           |             | 19         | 128.7        | 40           | 296.7        | 19           | 133.0        | 17         | 102.3        | 4          | 21.8         | 4          | 22.1         |            |              | 2          | 13.8        | 2         | 5.0        | 109          | 50.7         |
| <b>NYC AREA TOTAL</b> | <b>5</b>         | <b>0.9</b> | <b>28</b> | <b>10.2</b> | <b>975</b> | <b>373.6</b> | <b>1,812</b> | <b>638.8</b> | <b>1,290</b> | <b>402.9</b> | <b>737</b> | <b>223.4</b> | <b>470</b> | <b>143.4</b> | <b>448</b> | <b>151.0</b> | <b>254</b> | <b>100.0</b> | <b>100</b> | <b>45.8</b> | <b>64</b> | <b>9.7</b> | <b>6,202</b> | <b>163.9</b> |

Table 9.2. Gonorrhea -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                           | Gonorrhea -- Women |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            |            |              |
|---------------------------|--------------------|------------|-----------|-------------|------------|--------------|------------|--------------|------------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|----------|-------------|----------|------------|----------|------------|------------|--------------|
|                           | Age Group          |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            |            |              |
|                           | 0-9                |            | 10-14     |             | 15-19      |              | 20-24      |              | 25-29      |              | 30-34     |              | 35-39     |             | 40-44     |             | 45-49    |             | 50-54    |            | 55+      |            | Total      |              |
|                           | Cases              | Rate       | Cases     | Rate        | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases     | Rate         | Cases     | Rate        | Cases     | Rate        | Cases    | Rate        | Cases    | Rate       | Cases    | Rate       | Cases      | Rate         |
| ALBANY                    |                    |            | 3         | 33.4        | 38         | 350.4        | 37         | 325.6        | 20         | 209.8        | 13        | 124.6        | 3         | 25.1        | 5         | 41.6        | 1        | 8.9         | 1        | 9.7        | 1        | 2.5        | 122        | 79.4         |
| CLINTON                   |                    |            |           |             |            |              |            |              |            |              |           |              | 1         | 30.0        |           |             |          |             |          |            |          |            | 1          | 2.6          |
| COLUMBIA                  |                    |            | 1         | 45.4        | 3          | 163.5        | 1          | 80.5         |            |              |           |              |           |             | 1         | 37.3        |          |             |          |            |          |            | 6          | 18.9         |
| DELAWARE                  |                    |            |           |             | 2          | 114.6        | 1          | 89.9         |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 3          | 12.3         |
| ESSEX                     |                    |            |           |             |            |              |            |              | 1          | 106.4        |           |              |           |             |           |             |          |             |          |            |          |            | 1          | 5.4          |
| FRANKLIN                  |                    |            |           |             |            |              | 2          | 163.4        |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 2          | 8.7          |
| FULTON                    |                    |            |           |             | 4          | 236.5        | 5          | 371.5        | 3          | 197.0        | 1         | 54.9         | 1         | 48.9        |           |             |          |             |          |            | 1        | 12.5       | 15         | 54.0         |
| GREENE                    |                    |            |           |             | 2          | 159.4        |            |              | 2          | 173.2        |           |              |           |             |           |             |          |             |          |            |          |            | 4          | 17.2         |
| HAMILTON                  |                    |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 0          | 0.0          |
| MONTGOMERY                |                    |            |           |             | 1          | 63.4         | 2          | 147.9        | 1          | 74.6         |           |              |           |             | 2         | 105.4       |          |             |          |            |          |            | 6          | 23.1         |
| OTSEGO                    |                    |            |           |             | 2          | 64.0         | 2          | 68.8         | 2          | 132.3        |           |              |           |             |           |             |          |             |          |            |          |            | 6          | 18.8         |
| RENSSELAER                |                    |            |           |             | 15         | 285.8        | 11         | 231.2        | 6          | 124.7        | 7         | 133.7        | 1         | 15.3        | 2         | 32.1        | 2        | 36.0        |          |            |          |            | 44         | 56.5         |
| SARATOGA                  |                    |            |           |             | 1          | 15.4         | 4          | 77.9         |            |              | 1         | 12.5         |           |             |           |             |          |             |          |            |          |            | 6          | 5.9          |
| SCHENECTADY               |                    |            | 1         | 20.4        | 11         | 254.3        | 15         | 376.8        | 18         | 429.4        | 4         | 80.2         | 3         | 48.2        |           |             | 1        | 18.0        |          |            |          |            | 53         | 69.8         |
| SCHOHARIE                 |                    |            |           |             | 1          | 67.4         |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 1          | 6.3          |
| WARREN                    |                    |            |           |             |            |              | 2          | 129.2        |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 2          | 6.1          |
| WASHINGTON                |                    |            |           |             | 2          | 103.9        | 1          | 72.4         |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 3          | 10.1         |
| <b>ALBANY AREA TOTAL</b>  |                    |            | <b>5</b>  | <b>10.1</b> | <b>82</b>  | <b>165.1</b> | <b>83</b>  | <b>193.0</b> | <b>53</b>  | <b>128.5</b> | <b>26</b> | <b>53.2</b>  | <b>9</b>  | <b>15.4</b> | <b>10</b> | <b>17.0</b> | <b>4</b> | <b>7.4</b>  | <b>1</b> | <b>2.0</b> | <b>2</b> | <b>1.0</b> | <b>275</b> | <b>37.5</b>  |
| ALLEGANY                  |                    |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 0          | 0.0          |
| CATTARAGUS                |                    |            |           |             |            |              | 4          | 152.8        | 1          | 44.6         |           |              |           |             |           |             |          |             |          |            |          |            | 5          | 11.6         |
| CHAUTAUQUA                |                    |            |           |             | 7          | 121.5        | 9          | 195.2        | 3          | 80.9         | 2         | 48.5         | 1         | 20.7        |           |             |          |             |          |            |          |            | 22         | 30.7         |
| ERIE                      | 2                  | 3.3        | 10        | 30.7        | 324        | 1037.6       | 231        | 805.9        | 102        | 362.2        | 58        | 178.0        | 30        | 80.1        | 14        | 34.8        | 6        | 16.7        | 4        | 12.9       | 2        | 1.5        | 783        | 157.8        |
| GENESEE                   |                    |            |           |             | 5          | 241.2        | 3          | 206.0        |            |              |           |              |           |             |           |             |          |             |          |            | 1        | 12.7       | 9          | 29.5         |
| NIAGARA                   |                    |            | 1         | 12.4        | 42         | 544.5        | 32         | 507.1        | 8          | 130.5        | 4         | 54.9         | 4         | 44.5        | 4         | 42.0        |          |             |          |            |          |            | 95         | 83.5         |
| ORLEANS                   |                    |            |           |             |            |              | 4          | 333.3        | 2          | 156.7        |           |              |           |             |           |             |          |             |          |            |          |            | 6          | 27.0         |
| WYOMING                   |                    |            |           |             | 1          | 69.3         |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 1          | 5.0          |
| <b>BUFFALO AREA TOTAL</b> | <b>2</b>           | <b>2.1</b> | <b>11</b> | <b>20.2</b> | <b>379</b> | <b>711.9</b> | <b>283</b> | <b>617.9</b> | <b>116</b> | <b>262.2</b> | <b>64</b> | <b>123.8</b> | <b>35</b> | <b>57.8</b> | <b>18</b> | <b>27.7</b> | <b>6</b> | <b>10.4</b> | <b>4</b> | <b>8.0</b> | <b>3</b> | <b>1.3</b> | <b>921</b> | <b>115.5</b> |
| CHEMUNG                   |                    |            | 1         | 30.3        | 6          | 192.6        | 12         | 443.5        | 3          | 129.0        | 3         | 108.4        |           |             | 1         | 26.6        |          |             |          |            |          |            | 26         | 56.6         |
| LIVINGSTON                |                    |            |           |             |            |              |            |              |            |              |           |              | 2         | 77.3        |           |             |          |             |          |            |          |            | 2          | 6.3          |
| MONROE                    | 3                  | 6.1        | 15        | 55.7        | 264        | 1054.7       | 223        | 944.9        | 95         | 409.1        | 59        | 221.8        | 31        | 100.7       | 14        | 45.4        | 4        | 14.2        | 3        | 11.9       | 4        | 4.4        | 715        | 187.7        |
| ONTARIO                   |                    |            |           |             |            |              | 1          | 36.0         |            |              | 1         | 30.2         |           |             |           |             |          |             | 1        | 27.4       |          |            | 3          | 5.8          |
| SCHUYLER                  |                    |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |          |             |          |            |          |            | 0          | 0.0          |

Table 9.2. Gonorrhea -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                      | Gonorrhea -- Women |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            |            |              |
|-----------------------------|--------------------|------------|-----------|-------------|------------|--------------|------------|--------------|------------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|------------|----------|------------|----------|------------|------------|--------------|
|                             | Age Group          |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            |            |              |
|                             | 0-9                |            | 10-14     |             | 15-19      |              | 20-24      |              | 25-29      |              | 30-34     |              | 35-39     |             | 40-44     |             | 45-49     |            | 50-54    |            | 55+      |            | Total      |              |
|                             | Cases              | Rate       | Cases     | Rate        | Cases      | Rate         | Cases      | Rate         | Cases      | Rate         | Cases     | Rate         | Cases     | Rate        | Cases     | Rate        | Cases     | Rate       | Cases    | Rate       | Cases    | Rate       | Cases      | Rate         |
| SENECA                      |                    |            |           |             | 3          | 280.4        | 1          | 130.2        | 1          | 99.5         |           |              |           |             |           |             |           |            |          |            |          |            | 5          | 29.8         |
| STEUBEN                     |                    |            | 1         | 27.2        | 4          | 114.4        | 7          | 296.2        |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 12         | 23.8         |
| WAYNE                       |                    |            | 1         | 26.9        | 9          | 298.1        | 5          | 231.8        | 2          | 78.7         | 1         | 29.0         |           |             |           |             |           |            |          |            |          |            | 18         | 38.0         |
| YATES                       |                    |            |           |             |            |              |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 0          | 0.0          |
| <b>ROCHESTER AREA TOTAL</b> | <b>3</b>           | <b>3.7</b> | <b>18</b> | <b>40.1</b> | <b>286</b> | <b>674.0</b> | <b>249</b> | <b>665.2</b> | <b>101</b> | <b>281.5</b> | <b>64</b> | <b>151.3</b> | <b>33</b> | <b>65.4</b> | <b>15</b> | <b>29.5</b> | <b>4</b>  | <b>8.6</b> | <b>4</b> | <b>9.6</b> | <b>4</b> | <b>2.5</b> | <b>781</b> | <b>125.0</b> |
| BROOME                      |                    |            |           |             | 13         | 172.9        | 16         | 222.9        | 5          | 94.0         | 1         | 16.0         | 1         | 13.0        |           |             |           |            | 1        | 15.3       |          |            | 37         | 35.6         |
| CAYUGA                      |                    |            |           |             | 2          | 66.1         |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 2          | 4.9          |
| CHENANGO                    |                    |            |           |             |            |              | 1          | 84.2         |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 1          | 3.8          |
| CORTLAND                    |                    |            |           |             |            |              | 3          | 111.3        | 3          | 234.6        | 1         | 63.6         |           |             |           |             |           |            |          |            |          |            | 7          | 28.0         |
| HERKIMER                    |                    |            |           |             | 1          | 43.2         | 1          | 58.0         |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 2          | 6.0          |
| JEFFERSON                   |                    |            |           |             | 10         | 267.3        | 14         | 361.9        | 5          | 136.8        | 1         | 25.4         | 2         | 44.6        |           |             |           |            |          |            |          |            | 32         | 59.2         |
| LEWIS                       |                    |            |           |             | 1          | 92.8         |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 1          | 7.3          |
| MADISON                     |                    |            |           |             | 2          | 61.3         | 1          | 41.0         | 1          | 58.7         |           |              |           |             |           |             |           |            |          |            |          |            | 4          | 11.3         |
| ONEIDA                      |                    |            | 1         | 12.2        | 22         | 275.2        | 30         | 467.5        | 10         | 161.1        | 6         | 81.4         | 2         | 23.0        |           |             |           |            |          |            |          |            | 71         | 59.9         |
| ONONDAGA                    |                    |            | 7         | 41.5        | 70         | 423.3        | 69         | 445.7        | 32         | 226.3        | 12        | 74.1         | 1         | 5.1         |           |             | 1         | 5.7        | 1        | 6.8        | 1        | 1.7        | 194        | 81.1         |
| OSWEGO                      |                    |            |           |             | 2          | 41.2         | 1          | 21.2         |            |              | 1         | 23.8         |           |             |           |             | 1         | 22.5       |          |            |          |            | 5          | 8.1          |
| ST. LAWRENCE                |                    |            |           |             | 3          | 61.5         |            |              |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 3          | 5.5          |
| TIOGA                       |                    |            |           |             |            |              | 1          | 89.6         |            |              |           |              |           |             |           |             |           |            |          |            |          |            | 1          | 3.8          |
| TOMPKINS                    |                    |            |           |             | 1          | 16.9         | 5          | 62.6         | 1          | 30.2         | 1         | 32.9         | 1         | 32.1        |           |             |           |            |          |            |          |            | 9          | 18.4         |
| <b>SYRACUSE AREA TOTAL</b>  |                    |            | <b>8</b>  | <b>12.9</b> | <b>127</b> | <b>189.6</b> | <b>142</b> | <b>229.2</b> | <b>57</b>  | <b>116.3</b> | <b>23</b> | <b>40.4</b>  | <b>7</b>  | <b>10.2</b> |           |             | <b>2</b>  | <b>3.2</b> | <b>2</b> | <b>3.7</b> | <b>1</b> | <b>0.5</b> | <b>369</b> | <b>41.8</b>  |
| DUTCHESS                    |                    |            |           |             | 19         | 194.7        | 17         | 199.2        | 18         | 255.0        | 6         | 61.5         | 1         | 8.0         | 1         | 8.3         |           |            |          |            |          |            | 62         | 44.3         |
| NASSAU                      |                    |            |           |             | 77         | 195.1        | 62         | 189.3        | 41         | 115.5        | 16        | 34.1         | 4         | 6.9         | 4         | 6.7         | 2         | 3.8        |          |            | 2        | 1.1        | 208        | 30.0         |
| ORANGE                      |                    |            |           |             | 32         | 270.9        | 40         | 450.3        | 16         | 178.1        | 5         | 40.7         | 5         | 32.0        | 1         | 7.0         |           |            |          |            |          |            | 99         | 58.0         |
| PUTNAM                      |                    |            |           |             | 1          | 37.7         |            |              |            |              |           |              | 2         | 38.1        |           |             |           |            |          |            | 1        | 10.1       | 4          | 8.3          |
| ROCKLAND                    |                    |            | 1         | 9.1         | 6          | 65.2         | 15         | 202.9        | 5          | 66.2         | 2         | 19.2         | 1         | 8.2         |           |             | 1         | 9.3        | 2        | 18.6       |          |            | 33         | 22.5         |
| SUFFOLK                     |                    |            | 3         | 5.9         | 86         | 203.7        | 75         | 205.7        | 48         | 115.3        | 17        | 31.3         | 8         | 11.8        | 7         | 11.4        | 5         | 9.6        |          |            |          |            | 250        | 34.5         |
| SULLIVAN                    |                    |            |           |             | 7          | 305.9        | 6          | 336.5        | 3          | 180.2        | 1         | 41.9         | 1         | 34.3        |           |             |           |            | 1        | 37.6       |          |            | 19         | 52.6         |
| ULSTER                      |                    |            |           |             | 6          | 105.7        | 7          | 132.2        | 6          | 132.6        | 2         | 33.6         | 1         | 13.0        | 1         | 13.4        |           |            |          |            |          |            | 23         | 25.8         |
| WESTCHESTER                 |                    |            | 4         | 12.9        | 64         | 247.9        | 69         | 297.1        | 26         | 94.6         | 11        | 30.5         | 9         | 21.5        | 6         | 14.6        | 2         | 5.5        | 2        | 6.3        |          |            | 193        | 39.9         |
| <b>METRO NY AREA TOTAL</b>  |                    |            | <b>8</b>  | <b>4.6</b>  | <b>298</b> | <b>200.1</b> | <b>291</b> | <b>230.6</b> | <b>163</b> | <b>119.2</b> | <b>60</b> | <b>33.0</b>  | <b>32</b> | <b>14.3</b> | <b>20</b> | <b>9.3</b>  | <b>10</b> | <b>5.3</b> | <b>5</b> | <b>2.9</b> | <b>3</b> | <b>0.5</b> | <b>891</b> | <b>35.2</b>  |
| BRONX                       | 4                  | 3.5        | 47        | 88.5        | 598        | 1224.8       | 460        | 872.9        | 194        | 364.8        | 88        | 157.5        | 55        | 93.9        | 26        | 48.7        | 31        | 71.2       | 7        | 18.1       | 10       | 6.9        | 1,525      | 213.4        |
| KINGS                       | 1                  | 0.6        | 30        | 33.5        | 593        | 696.0        | 521        | 546.6        | 212        | 207.8        | 112       | 111.4        | 58        | 57.0        | 27        | 27.1        | 17        | 19.4       | 10       | 12.6       | 5        | 1.7        | 1,596      | 121.6        |

Table 9.2. Gonorrhea -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                       | Gonorrhea -- Women |            |            |             |              |              |              |              |            |              |            |             |            |             |            |             |           |             |           |             |           |            |              |              |
|-----------------------|--------------------|------------|------------|-------------|--------------|--------------|--------------|--------------|------------|--------------|------------|-------------|------------|-------------|------------|-------------|-----------|-------------|-----------|-------------|-----------|------------|--------------|--------------|
|                       | Age Group          |            |            |             |              |              |              |              |            |              |            |             |            |             |            |             |           |             |           |             |           |            |              |              |
|                       | 0-9                |            | 10-14      |             | 15-19        |              | 20-24        |              | 25-29      |              | 30-34      |             | 35-39      |             | 40-44      |             | 45-49     |             | 50-54     |             | 55+       |            | Total        |              |
| County                | Cases              | Rate       | Cases      | Rate        | Cases        | Rate         | Cases        | Rate         | Cases      | Rate         | Cases      | Rate        | Cases      | Rate        | Cases      | Rate        | Cases     | Rate        | Cases     | Rate        | Cases     | Rate       | Cases        | Rate         |
| NEW YORK              |                    |            | 13         | 38.9        | 271          | 726.4        | 223          | 338.9        | 100        | 112.7        | 42         | 51.6        | 31         | 45.0        | 27         | 44.8        | 14        | 24.8        | 5         | 9.4         | 7         | 3.7        | 737          | 91.1         |
| QUEENS                | 3                  | 2.1        | 14         | 20.3        | 272          | 418.2        | 225          | 288.2        | 105        | 115.5        | 58         | 62.3        | 25         | 25.8        | 25         | 27.0        | 11        | 13.7        | 9         | 12.5        | 4         | 1.4        | 752          | 64.9         |
| RICHMOND              |                    |            |            |             | 34           | 240.4        | 23           | 179.4        | 16         | 107.1        | 5          | 28.9        |            |             |            |             |           |             | 1         | 6.1         |           |            | 81           | 35.4         |
| <b>NYC AREA TOTAL</b> | <b>8</b>           | <b>1.5</b> | <b>104</b> | <b>39.9</b> | <b>1,768</b> | <b>705.8</b> | <b>1,452</b> | <b>476.5</b> | <b>627</b> | <b>179.3</b> | <b>305</b> | <b>87.6</b> | <b>169</b> | <b>49.0</b> | <b>105</b> | <b>32.3</b> | <b>73</b> | <b>25.6</b> | <b>32</b> | <b>12.3</b> | <b>26</b> | <b>2.7</b> | <b>4,691</b> | <b>111.1</b> |

Table 10. Chlamydia-- Reported cases and rates per 100,000: United States, New York City, and New York State exclusive of New York City, 2001-2009

| Year | Chlamydia     |       |        |       |            |       |
|------|---------------|-------|--------|-------|------------|-------|
|      | United States |       | NYC    |       | Upstate NY |       |
|      | Cases         | Rate  | Cases  | Rate  | Cases      | Rate  |
| 2001 | 783,242       | 274.5 | 29,649 | 398.2 | 16,753     | 155.5 |
| 2002 | 834,555       | 289.4 | 33,276 | 415.5 | 18,085     | 164.9 |
| 2003 | 877,478       | 301.7 | 34,779 | 434.3 | 21,854     | 199.2 |
| 2004 | 929,462       | 316.5 | 34,189 | 426.9 | 24,719     | 225.4 |
| 2005 | 976,445       | 329.4 | 39,215 | 489.7 | 25,313     | 230.8 |
| 2006 | 1,030,911     | 347.8 | 41,236 | 514.9 | 27,489     | 250.6 |
| 2007 | 1,108,374     | 370.2 | 50,755 | 633.8 | 29,975     | 273.3 |
| 2008 | 1,210,523     | 401.3 | 56,448 | 704.9 | 32,012     | 291.9 |
| 2009 | 1,244,180     | 409.2 | 58,353 | 728.7 | 33,722     | 307.5 |

Table 11. Chlamydia-- Reported cases and rates per 100,000 by region and county: New York State, 2009

| Region    | Chlamydia                   |              |              |
|-----------|-----------------------------|--------------|--------------|
|           | County                      | Cases        | Rate         |
| ALBANY    | ALBANY                      | 1,289        | 437.6        |
|           | CLINTON                     | 239          | 299.1        |
|           | COLUMBIA                    | 97           | 153.7        |
|           | DELAWARE                    | 65           | 135.3        |
|           | ESSEX                       | 52           | 133.8        |
|           | FRANKLIN                    | 75           | 146.7        |
|           | FULTON                      | 131          | 237.9        |
|           | GREENE                      | 90           | 186.7        |
|           | HAMILTON                    | 3            | 55.8         |
|           | MONTGOMERY                  | 91           | 183.1        |
|           | OTSEGO                      | 120          | 194.6        |
|           | RENSSELAER                  | 479          | 314.0        |
|           | SARATOGA                    | 300          | 149.5        |
|           | SCHENECTADY                 | 530          | 361.6        |
|           | SCHOHARIE                   | 45           | 142.5        |
|           | WARREN                      | 136          | 214.8        |
|           | WASHINGTON                  | 110          | 180.2        |
|           | <b>ALBANY AREA TOTAL</b>    | <b>3,852</b> | <b>265.4</b> |
| BUFFALO   | ALLEGANY                    | 72           | 144.2        |
|           | CATTARAGUS                  | 153          | 182.2        |
|           | CHAUTAUQUA                  | 350          | 250.4        |
|           | ERIE                        | 4,990        | 525.1        |
|           | GENESEE                     | 153          | 253.4        |
|           | NIAGARA                     | 779          | 354.3        |
|           | ORLEANS                     | 142          | 321.5        |
|           | WYOMING                     | 54           | 124.4        |
|           | <b>BUFFALO AREA TOTAL</b>   | <b>6,693</b> | <b>420.5</b> |
| ROCHESTER | CHEMUNG                     | 208          | 228.4        |
|           | LIVINGSTON                  | 108          | 167.9        |
|           | MONROE                      | 5,118        | 696.0        |
|           | ONTARIO                     | 193          | 192.6        |
|           | SCHUYLER                    | 22           | 114.4        |
|           | SENECA                      | 99           | 296.9        |
|           | STEUBEN                     | 203          | 205.6        |
|           | WAYNE                       | 206          | 219.7        |
|           | YATES                       | 52           | 211.2        |
|           | <b>ROCHESTER AREA TOTAL</b> | <b>6,209</b> | <b>492.5</b> |
| SYRACUSE  | BROOME                      | 514          | 256.3        |
|           | CAYUGA                      | 166          | 202.5        |
|           | CHENANGO                    | 64           | 124.5        |
|           | CORTLAND                    | 132          | 271.6        |
|           | HERKIMER                    | 104          | 161.4        |
|           | JEFFERSON                   | 420          | 375.9        |
|           | LEWIS                       | 43           | 159.6        |
|           | MADISON                     | 135          | 194.4        |
|           | ONEIDA                      | 666          | 282.8        |
|           | ONONDAGA                    | 2,347        | 512.1        |
|           | OSWEGO                      | 129          | 105.4        |

Table 11. Chlamydia-- Reported cases and rates per 100,000 by region and county: New York State, 2009

| Region                | Chlamydia                  |               |              |
|-----------------------|----------------------------|---------------|--------------|
|                       | County                     | Cases         | Rate         |
|                       | ST. LAWRENCE               | 215           | 192.1        |
|                       | TIOGA                      | 61            | 117.8        |
|                       | TOMPKINS                   | 198           | 205.2        |
|                       | <b>SYRACUSE AREA TOTAL</b> | <b>5,194</b>  | <b>300.0</b> |
| METROPOLITAN          | DUTCHESS                   | 707           | 252.4        |
|                       | NASSAU                     | 2,730         | 204.6        |
|                       | ORANGE                     | 968           | 283.6        |
|                       | PUTNAM                     | 83            | 86.7         |
|                       | ROCKLAND                   | 549           | 191.5        |
|                       | SUFFOLK                    | 3,344         | 235.6        |
|                       | SULLIVAN                   | 243           | 328.5        |
|                       | ULSTER                     | 384           | 216.0        |
|                       | WESTCHESTER                | 2,766         | 299.5        |
|                       | <b>METRO NY AREA TOTAL</b> | <b>11,774</b> | <b>238.7</b> |
| <b>UPSTATE NY</b>     | <b>TOTAL</b>               | <b>33,722</b> | <b>307.5</b> |
| NEW YORK CITY         | BRONX                      | 17,176        | 1289.0       |
|                       | KINGS                      | 18,696        | 758.4        |
|                       | NEW YORK                   | 10,521        | 684.4        |
|                       | QUEENS                     | 10,757        | 482.5        |
|                       | RICHMOND                   | 1,203         | 271.1        |
| <b>NEW YORK CITY</b>  | <b>TOTAL</b>               | <b>58,353</b> | <b>728.7</b> |
| <b>NEW YORK STATE</b> | <b>TOTAL</b>               | <b>92,075</b> | <b>485.2</b> |

Table 12. Chlamydia-- Reported cases and rates per 100,000 by age and sex: New York State, 2009

|                |              | Chlamydia     |              |               |              |               |              |
|----------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
|                |              | Male          |              | Female        |              | Total         |              |
| Area           | Age Group    | Cases         | Rate         | Cases         | Rate         | Cases         | Rate         |
| UPSTATE NY     | 0-9          | 10            | 1.3          | 17            | 2.3          | 27            | 1.8          |
|                | 10-14        | 44            | 10.7         | 394           | 101.5        | 438           | 54.7         |
|                | 15-19        | 2,547         | 652.8        | 9,580         | 2619.9       | 12,127        | 1604.5       |
|                | 20-24        | 3,722         | 1095.3       | 8,820         | 2775.5       | 12,542        | 1907.2       |
|                | 25-29        | 1,767         | 574.1        | 3,037         | 981.4        | 4,804         | 778.3        |
|                | 30-34        | 769           | 203.5        | 1,139         | 296.4        | 1,908         | 250.3        |
|                | 35-39        | 405           | 89.9         | 521           | 112.0        | 926           | 101.1        |
|                | 40-44        | 205           | 44.8         | 241           | 52.3         | 446           | 48.6         |
|                | 45-49        | 130           | 32.5         | 132           | 32.0         | 262           | 32.3         |
|                | 50-54        | 60            | 16.9         | 57            | 15.3         | 117           | 16.1         |
|                | 55+          | 61            | 5.6          | 49            | 3.5          | 110           | 4.4          |
|                | <b>TOTAL</b> | <b>9,725</b>  | <b>181.8</b> | <b>23,997</b> | <b>427.1</b> | <b>33,722</b> | <b>307.5</b> |
| NEW YORK CITY  | 0-9          | 18            | 3.2          | 45            | 8.4          | 63            | 5.7          |
|                | 10-14        | 93            | 33.8         | 679           | 260.7        | 772           | 144.1        |
|                | 15-19        | 4,524         | 1733.3       | 14,505        | 5790.1       | 19,035        | 3721.2       |
|                | 20-24        | 5,932         | 2091.2       | 12,568        | 4124.5       | 18,503        | 3144.7       |
|                | 25-29        | 3,492         | 1090.7       | 6,031         | 1724.2       | 9,524         | 1421.6       |
|                | 30-34        | 1,793         | 543.4        | 2,638         | 757.7        | 4,434         | 653.9        |
|                | 35-39        | 1,041         | 317.6        | 1,357         | 393.7        | 2,399         | 356.7        |
|                | 40-44        | 706           | 238.0        | 831           | 255.5        | 1,537         | 247.2        |
|                | 45-49        | 405           | 159.5        | 468           | 164.0        | 873           | 161.9        |
|                | 50-54        | 186           | 85.2         | 282           | 108.6        | 468           | 97.9         |
|                | 55+          | 155           | 23.6         | 273           | 28.5         | 428           | 26.5         |
|                | <b>TOTAL</b> | <b>18,449</b> | <b>487.5</b> | <b>39,888</b> | <b>944.3</b> | <b>58,353</b> | <b>728.7</b> |
| NEW YORK STATE | 0-9          | 28            | 2.1          | 62            | 4.9          | 90            | 3.5          |
|                | 10-14        | 137           | 19.9         | 1,073         | 165.4        | 1,210         | 90.6         |
|                | 15-19        | 7,071         | 1085.9       | 24,085        | 3908.8       | 31,162        | 2458.9       |
|                | 20-24        | 9,654         | 1548.4       | 21,388        | 3435.8       | 31,045        | 2491.6       |
|                | 25-29        | 5,259         | 837.5        | 9,068         | 1375.5       | 14,328        | 1113.1       |
|                | 30-34        | 2,562         | 361.9        | 3,777         | 515.7        | 6,342         | 440.3        |
|                | 35-39        | 1,446         | 185.8        | 1,878         | 231.9        | 3,325         | 209.4        |
|                | 40-44        | 911           | 120.8        | 1,072         | 136.4        | 1,983         | 128.7        |
|                | 45-49        | 535           | 81.8         | 600           | 86.0         | 1,135         | 84.0         |
|                | 50-54        | 246           | 43.0         | 339           | 53.7         | 585           | 48.6         |
|                | 55+          | 216           | 12.3         | 322           | 13.5         | 538           | 13.0         |
|                | <b>TOTAL</b> | <b>28,174</b> | <b>308.4</b> | <b>63,885</b> | <b>649.1</b> | <b>92,075</b> | <b>485.2</b> |

Table 13.1. Chlamydia -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                    | Chlamydia -- Men |      |       |      |       |        |       |        |       |        |       |       |       |       |       |       |       |       |       |      |       |      |       |       |
|--------------------|------------------|------|-------|------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|
|                    | Age Group        |      |       |      |       |        |       |        |       |        |       |       |       |       |       |       |       |       |       |      |       |      |       |       |
|                    | 0-9              |      | 10-14 |      | 15-19 |        | 20-24 |        | 25-29 |        | 30-34 |       | 35-39 |       | 40-44 |       | 45-49 |       | 50-54 |      | 55+   |      | Total |       |
| County             | Cases            | Rate | Cases | Rate | Cases | Rate   | Cases | Rate   | Cases | Rate   | Cases | Rate  | Cases | Rate  | Cases | Rate  | Cases | Rate  | Cases | Rate | Cases | Rate | Cases | Rate  |
| ALBANY             |                  |      | 2     | 20.0 | 120   | 1106.2 | 133   | 1181.1 | 57    | 623.2  | 28    | 275.0 | 23    | 202.6 | 7     | 62.6  | 2     | 18.8  | 3     | 30.8 | 1     | 3.5  | 376   | 266.8 |
| CLINTON            |                  |      |       |      | 7     | 217.4  | 36    | 965.7  | 9     | 323.9  | 5     | 154.2 | 5     | 135.3 |       |       | 1     | 33.6  | 2     | 77.3 |       |      | 65    | 158.5 |
| COLUMBIA           |                  |      |       |      | 4     | 161.4  | 7     | 512.4  | 7     | 455.4  | 4     | 206.7 | 2     | 81.4  |       |       | 1     | 39.6  |       |      |       |      | 25    | 79.7  |
| DELAWARE           |                  |      |       |      | 7     | 341.5  | 7     | 574.2  | 2     | 192.9  |       |       |       |       |       |       |       |       |       |      |       |      | 16    | 67.7  |
| ESSEX              |                  |      |       |      |       |        | 5     | 476.2  | 1     | 71.7   | 2     | 128.1 | 1     | 55.5  |       |       |       |       |       |      |       |      | 9     | 44.6  |
| FRANKLIN           |                  |      |       |      | 2     | 101.4  | 8     | 325.6  | 3     | 134.6  |       |       |       |       |       |       |       |       | 1     | 58.4 |       |      | 14    | 49.6  |
| FULTON             |                  |      |       |      | 6     | 268.2  | 5     | 349.9  | 3     | 190.8  | 2     | 107.0 |       |       |       |       |       |       |       |      |       |      | 16    | 58.6  |
| GREENE             |                  |      |       |      | 13    | 622.3  | 11    | 498.6  | 8     | 628.9  |       |       | 2     | 99.0  |       |       |       |       |       |      |       |      | 34    | 136.1 |
| HAMILTON           |                  |      |       |      |       |        |       |        |       |        |       |       |       |       |       |       |       |       |       |      |       |      | 0     | 0.0   |
| MONTGOMERY         |                  |      |       |      | 5     | 296.4  | 11    | 876.5  | 5     | 386.4  | 2     | 133.1 |       |       |       |       |       |       |       |      |       |      | 23    | 96.8  |
| OTSEGO             |                  |      |       |      | 15    | 505.9  | 9     | 329.4  | 5     | 349.9  |       |       | 1     | 54.3  |       |       | 1     | 46.8  |       |      |       |      | 31    | 104.1 |
| RENSSELAER         |                  |      | 1     | 18.3 | 40    | 665.8  | 60    | 1081.1 | 22    | 489.4  | 7     | 139.9 | 3     | 50.0  | 3     | 48.1  | 1     | 17.7  | 1     | 19.5 |       |      | 138   | 185.0 |
| SARATOGA           |                  |      |       |      | 20    | 299.0  | 20    | 358.9  | 17    | 281.4  | 9     | 115.4 | 1     | 11.2  | 6     | 69.2  | 2     | 26.4  |       |      |       |      | 75    | 76.0  |
| SCHENECTADY        |                  |      | 1     | 18.3 | 31    | 669.0  | 48    | 1167.9 | 25    | 636.8  | 7     | 147.6 | 8     | 134.3 | 4     | 70.1  | 3     | 56.4  |       |      |       |      | 127   | 180.0 |
| SCHOHARIE          |                  |      |       |      | 9     | 600.8  | 2     | 192.5  |       |        |       |       |       |       |       |       |       |       |       |      |       |      | 11    | 70.1  |
| WARREN             |                  |      |       |      | 10    | 467.9  | 12    | 730.4  | 5     | 315.5  | 2     | 95.3  |       |       | 1     | 39.4  |       |       |       |      |       |      | 30    | 97.8  |
| WASHINGTON         |                  |      |       |      | 6     | 262.7  | 9     | 417.4  | 7     | 357.0  | 2     | 85.6  | 2     | 76.3  | 1     | 37.8  | 1     | 42.0  |       |      |       |      | 28    | 89.3  |
| ALBANY AREA TOTAL  |                  |      | 4     | 7.6  | 295   | 543.2  | 383   | 783.8  | 176   | 413.2  | 70    | 138.7 | 48    | 81.7  | 22    | 370   | 12    | 22.32 | 7     | 14.3 | 1     | 0.7  | 1,018 | 142.3 |
| ALLEGANY           |                  |      |       |      | 4     | 147.4  | 8     | 308.2  | 4     | 330.9  | 1     | 78.1  |       |       |       |       | 1     | 58.2  |       |      | 1     | 18.8 | 19    | 76.2  |
| CATTARAGUS         |                  |      |       |      | 7     | 200.1  | 15    | 591.2  | 2     | 94.4   | 1     | 41.0  |       |       | 1     | 29.1  |       |       |       |      |       |      | 26    | 63.5  |
| CHAUTAUQUA         | 1                | 11   |       |      | 35    | 614.1  | 37    | 771.6  | 14    | 382.5  | 7     | 169.4 | 6     | 117.4 |       |       |       |       |       |      |       |      | 100   | 147.0 |
| ERIE               |                  |      | 13    | 36.9 | 445   | 1380.0 | 493   | 1702.2 | 196   | 742.1  | 105   | 335.1 | 42    | 116.6 | 32    | 83.1  | 7     | 20.6  | 5     | 17.4 | 2     | 2.0  | 1,340 | 295.1 |
| GENESEE            |                  |      |       |      | 7     | 292.0  | 18    | 1155.3 | 8     | 473.9  | 3     | 141.2 | 3     | 113.6 |       |       | 1     | 44.7  |       |      |       |      | 40    | 134.2 |
| NIAGARA            |                  |      | 1     | 12.1 | 56    | 709.9  | 61    | 1015.3 | 33    | 570.2  | 10    | 151.7 | 5     | 56.4  | 4     | 42.5  | 4     | 48.6  |       |      | 1     | 4.3  | 175   | 165.1 |
| ORLEANS            |                  |      |       |      | 10    | 585.5  | 14    | 1160.9 | 8     | 562.6  | 2     | 124.5 |       |       |       |       |       |       |       |      |       |      | 34    | 155.1 |
| WYOMING            |                  |      |       |      | 3     | 182.7  | 2     | 136.1  | 1     | 52.5   |       |       | 2     | 84.2  | 1     | 46.9  | 1     | 52.0  |       |      |       |      | 10    | 42.5  |
| BUFFALO AREA TOTAL | 1                | 0.9  | 14    | 23.5 | 567   | 981.1  | 648   | 1318.9 | 266   | 601.8  | 129   | 249.9 | 58    | 93.8  | 38    | 58.5  | 14    | 24.1  | 5     | 10.2 | 4     | 2.4  | 1,744 | 226.7 |
| CHEMUNG            |                  |      | 1     | 27.9 | 14    | 428.1  | 24    | 797.3  | 15    | 571.0  | 7     | 215.2 | 3     | 80.5  | 1     | 26.0  | 2     | 59.7  |       |      |       |      | 67    | 148.5 |
| LIVINGSTON         |                  |      |       |      | 5     | 173.6  | 15    | 513.9  | 7     | 393.9  | 1     | 44.6  | 2     | 70.3  |       |       | 1     | 40.0  |       |      | 1     | 17.3 | 32    | 99.0  |
| MONROE             | 4                | 7.7  | 8     | 27.6 | 522   | 1931.8 | 611   | 2498.7 | 292   | 1340.6 | 147   | 587.6 | 66    | 231.8 | 41    | 139.9 | 21    | 80.0  | 9     | 39.0 | 15    | 22.0 | 1,736 | 489.7 |
| ONTARIO            |                  |      |       |      | 16    | 469.9  | 19    | 662.9  | 8     | 312.5  | 3     | 95.4  | 1     | 24.6  | 2     | 46.9  |       |       |       |      |       |      | 49    | 100.2 |
| SCHUYLER           |                  |      |       |      | 1     | 114.2  | 1     | 191.6  |       |        |       |       |       |       |       |       |       |       |       |      |       |      | 2     | 20.7  |
| SENECA             |                  |      |       |      | 5     | 465.5  | 21    | 2001.9 | 12    | 1166.2 | 3     | 261.6 |       |       | 1     | 68.5  |       |       |       |      |       |      | 43    | 260.0 |
| STEUBEN            |                  |      |       |      | 12    | 322.7  | 25    | 1020.8 | 12    | 468.9  | 6     | 196.7 | 2     | 53.4  | 3     | 75.3  | 1     | 26.5  |       |      |       |      | 61    | 126.1 |

Table 13.1. Chlamydia -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

| County                      | Chlamydia -- Men |            |           |             |            |               |              |               |            |               |            |              |            |              |           |             |           |             |           |             |           |             |              |              |
|-----------------------------|------------------|------------|-----------|-------------|------------|---------------|--------------|---------------|------------|---------------|------------|--------------|------------|--------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|--------------|--------------|
|                             | Age Group        |            |           |             |            |               |              |               |            |               |            |              |            |              |           |             |           |             |           |             |           |             |              |              |
|                             | 0-9              |            | 10-14     |             | 15-19      |               | 20-24        |               | 25-29      |               | 30-34      |              | 35-39      |              | 40-44     |             | 45-49     |             | 50-54     |             | 55+       |             | Total        |              |
|                             | Cases            | Rate       | Cases     | Rate        | Cases      | Rate          | Cases        | Rate          | Cases      | Rate          | Cases      | Rate         | Cases      | Rate         | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases     | Rate        | Cases        | Rate         |
| WAYNE                       |                  |            |           |             | 16         | 455.5         | 15           | 700.9         | 15         | 619.1         | 6          | 177.6        | 3          | 73.6         |           |             | 1         | 27.8        | 1         | 31.2        |           |             | 57           | 122.8        |
| YATES                       |                  |            |           |             | 3          | 301.2         | 6            | 807.5         | 1          | 204.9         | 1          | 151.5        |            |              |           |             |           |             |           |             | 1         | 33.8        | 12           | 99.7         |
| <b>ROCHESTER AREA TOTAL</b> | <b>4</b>         | <b>4.6</b> | <b>9</b>  | <b>18.1</b> | <b>594</b> | <b>1270.5</b> | <b>737</b>   | <b>1835.6</b> | <b>362</b> | <b>1013.4</b> | <b>174</b> | <b>409.4</b> | <b>77</b>  | <b>154.6</b> | <b>48</b> | <b>92.9</b> | <b>26</b> | <b>56.2</b> | <b>10</b> | <b>24.5</b> | <b>17</b> | <b>13.8</b> | <b>2,059</b> | <b>335.4</b> |
| BROOME                      | 2                | 16         | 1         | 14.0        | 33         | 426.7         | 79           | 1077.9        | 32         | 625.4         | 17         | 288.7        | 8          | 104.8        | 1         | 12.4        |           |             |           |             | 1         | 4.6         | 175          | 181.0        |
| CAYUGA                      |                  |            |           |             | 7          | 223.2         | 18           | 726.4         | 6          | 231.5         | 2          | 62.2         | 1          | 27.1         |           |             |           |             |           |             |           |             | 34           | 82.1         |
| CHENANGO                    |                  |            |           |             | 6          | 308.5         | 5            | 412.2         | 2          | 151.5         | 1          | 62.5         |            |              |           |             | 1         | 56.2        |           |             |           |             | 15           | 59.3         |
| CORTLAND                    |                  |            |           |             | 8          | 375.2         | 20           | 846.4         | 5          | 370.1         |            |              | 4          | 227.4        |           |             |           |             |           |             |           |             | 37           | 157.0        |
| HERKIMER                    |                  |            |           |             | 2          | 86.0          | 13           | 678.9         | 3          | 179.7         |            |              | 2          | 81.7         |           |             |           |             |           |             |           |             | 20           | 64.3         |
| JEFFERSON                   |                  |            |           |             | 21         | 489.1         | 47           | 771.3         | 25         | 523.2         | 11         | 230.1        | 6          | 116.9        |           |             | 1         | 28.1        |           |             |           |             | 111          | 192.5        |
| LEWIS                       |                  |            |           |             |            |               | 7            | 980.4         | 1          | 143.1         | 1          | 118.3        |            |              |           |             |           |             |           |             |           |             | 9            | 67.5         |
| MADISON                     |                  |            |           |             | 17         | 505.8         | 16           | 635.9         | 4          | 238.4         | 1          | 46.1         |            |              | 1         | 34.0        |           |             |           |             |           |             | 39           | 114.2        |
| ONEIDA                      |                  |            |           |             | 38         | 440.5         | 89           | 1188.1        | 28         | 398.2         | 17         | 201.3        | 8          | 79.9         | 2         | 21.1        | 2         | 23.7        |           |             | 1         | 3.9         | 186          | 159.1        |
| ONONDAGA                    |                  |            | 6         | 33.4        | 202        | 1236.8        | 270          | 1855.7        | 138        | 1089.2        | 58         | 371.1        | 27         | 152.3        | 10        | 54.7        | 8         | 49.0        | 4         | 29.3        | 3         | 6.9         | 726          | 331.5        |
| OSWEGO                      |                  |            |           |             | 5          | 96.9          | 11           | 241.5         | 2          | 60.8          | 3          | 74.1         |            |              |           |             | 1         | 22.5        |           |             | 1         | 9.2         | 23           | 38.1         |
| ST. LAWRENCE                |                  |            |           |             | 18         | 327.7         | 29           | 503.5         | 16         | 468.8         | 2          | 51.0         | 1          | 21.9         |           |             |           |             |           |             | 1         | 9.2         | 67           | 117.7        |
| TIOGA                       |                  |            |           |             | 3          | 140.8         | 9            | 728.2         | 2          | 162.2         |            |              | 2          | 90.6         | 1         | 43.0        |           |             | 1         | 62.1        |           |             | 18           | 70.1         |
| TOMPKINS                    |                  |            |           |             | 21         | 335.7         | 31           | 368.4         | 13         | 358.1         | 4          | 132.8        | 2          | 72.5         |           |             |           |             |           |             |           |             | 71           | 149.1        |
| <b>SYRACUSE AREA TOTAL</b>  | <b>2</b>         | <b>1.8</b> | <b>7</b>  | <b>10.6</b> | <b>381</b> | <b>544.1</b>  | <b>644</b>   | <b>966.5</b>  | <b>277</b> | <b>548.9</b>  | <b>117</b> | <b>199.8</b> | <b>61</b>  | <b>88.7</b>  | <b>15</b> | <b>21.7</b> | <b>13</b> | <b>21.1</b> | <b>5</b>  | <b>9.4</b>  | <b>7</b>  | <b>4.1</b>  | <b>1,531</b> | <b>180.2</b> |
| DUTCHESS                    |                  |            |           |             | 39         | 366.4         | 102          | 1117.3        | 36         | 465.0         | 19         | 189.6        | 8          | 63.6         | 7         | 53.3        | 3         | 27.5        | 1         | 10.5        | 1         | 3.8         | 216          | 153.9        |
| NASSAU                      |                  |            | 4         | 8.3         | 168        | 398.7         | 318          | 894.2         | 173        | 508.2         | 73         | 165.1        | 40         | 74.9         | 22        | 39.4        | 15        | 30.2        | 7         | 15.8        | 8         | 5.7         | 828          | 129.0        |
| ORANGE                      |                  |            | 1         | 6.8         | 43         | 320.7         | 108          | 972.7         | 43         | 468.5         | 16         | 133.0        | 11         | 70.6         | 4         | 26.9        | 8         | 63.6        | 3         | 27.2        | 5         | 17.9        | 242          | 141.7        |
| PUTNAM                      |                  |            |           |             | 4          | 125.7         | 10           | 444.4         | 5          | 201.8         | 3          | 85.1         | 1          | 21.8         | 2         | 41.9        |           |             |           |             | 2         | 23.7        | 27           | 56.6         |
| ROCKLAND                    | 1                | 4.3        |           |             | 36         | 351.9         | 70           | 865.1         | 25         | 336.9         | 12         | 126.3        | 4          | 34.3         | 3         | 27.3        | 5         | 50.5        |           |             | 3         | 10.9        | 159          | 113.7        |
| SUFFOLK                     | 1                | 0.9        | 1         | 1.9         | 166        | 365.4         | 363          | 927.2         | 210        | 515.5         | 74         | 139.0        | 49         | 76.7         | 20        | 32.1        | 15        | 29.8        | 15        | 32.9        | 5         | 3.8         | 921          | 132.6        |
| SULLIVAN                    |                  |            |           |             | 26         | 926.3         | 20           | 1112.3        | 9          | 500.3         |            |              | 2          | 63.8         | 2         | 60.8        | 4         | 138.3       | 1         | 36.0        | 1         | 11.3        | 65           | 171.6        |
| ULSTER                      |                  |            | 1         | 15.5        | 20         | 324.9         | 36           | 658.6         | 21         | 405.6         | 10         | 154.7        | 12         | 149.1        | 3         | 37.4        | 3         | 42.7        |           |             | 3         | 16.4        | 109          | 123.0        |
| WESTCHESTER                 | 1                | 1.5        | 3         | 9.1         | 208        | 762.5         | 283          | 1257.7        | 164        | 624.9         | 72         | 217.5        | 34         | 88.1         | 19        | 48.8        | 12        | 37.1        | 6         | 20.4        | 4         | 4.4         | 806          | 183.2        |
| <b>METRO NY AREA TOTAL</b>  | <b>3</b>         | <b>0.8</b> | <b>10</b> | <b>5.4</b>  | <b>710</b> | <b>440.3</b>  | <b>1,310</b> | <b>970.0</b>  | <b>686</b> | <b>508.8</b>  | <b>279</b> | <b>159.7</b> | <b>161</b> | <b>76.1</b>  | <b>82</b> | <b>38.6</b> | <b>65</b> | <b>36.1</b> | <b>33</b> | <b>20.4</b> | <b>32</b> | <b>6.6</b>  | <b>3,373</b> | <b>140.4</b> |
| BRONX                       | 4                | 3.5        | 42        | 74.1        | 1,506      | 2934.0        | 1,796        | 3786.2        | 883        | 1965.8        | 401        | 826.5        | 191        | 382.1        | 134       | 301.6       | 65        | 177.2       | 43        | 137         | 27        | 29.5        | 5,118        | 828.3        |
| KINGS                       | 5                | 2.7        | 29        | 30.6        | 1,302      | 1460.9        | 1,787        | 2003.2        | 1,103      | 1204.2        | 535        | 599.8        | 337        | 372.8        | 201       | 233.1       | 95        | 126.3       | 44        | 67.1        | 39        | 20.1        | 5,507        | 477.5        |
| NEW YORK                    | 4                | 5.2        | 13        | 36.7        | 652        | 1809.1        | 1,080        | 1989.7        | 835        | 1050.7        | 474        | 573.4        | 310        | 426.1        | 242       | 411.7       | 168       | 323.4       | 72        | 163         | 59        | 43.4        | 3,931        | 540.0        |
| QUEENS                      | 4                | 2.7        | 8         | 11.2        | 987        | 1415.0        | 1,138        | 1435.7        | 621        | 690.8         | 350        | 376.5        | 183        | 190.0        | 118       | 132.4       | 70        | 94.2        | 25        | 39.9        | 26        | 13.2        | 3,549        | 331.7        |

Table 13.1. Chlamydia -- Men -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                       | Chlamydia -- Men |            |           |             |              |               |              |               |              |               |              |              |              |              |            |              |            |              |            |             |            |             |               |              |
|-----------------------|------------------|------------|-----------|-------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|------------|--------------|------------|--------------|------------|-------------|------------|-------------|---------------|--------------|
|                       | Age Group        |            |           |             |              |               |              |               |              |               |              |              |              |              |            |              |            |              |            |             |            |             |               |              |
|                       | 0-9              |            | 10-14     |             | 15-19        |               | 20-24        |               | 25-29        |               | 30-34        |              | 35-39        |              | 40-44      |              | 45-49      |              | 50-54      |             | 55+        |             | Total         |              |
| County                | Cases            | Rate       | Cases     | Rate        | Cases        | Rate          | Cases        | Rate          | Cases        | Rate          | Cases        | Rate         | Cases        | Rate         | Cases      | Rate         | Cases      | Rate         | Cases      | Rate        | Cases      | Rate        | Cases         | Rate         |
| RICHMOND              | 1                | 3.1        | 1         | 5.8         | 77           | 521.6         | 131          | 971.7         | 50           | 350.1         | 33           | 198.7        | 20           | 109.0        | 11         | 60.9         | 7          | 44.2         | 2          | 13.8        | 4          | 10.1        | 344           | 160.1        |
| <b>NYC AREA TOTAL</b> | <b>18</b>        | <b>3.2</b> | <b>93</b> | <b>33.8</b> | <b>4,524</b> | <b>1733.3</b> | <b>5,932</b> | <b>2091.2</b> | <b>3,492</b> | <b>1090.7</b> | <b>1,793</b> | <b>543.4</b> | <b>1,041</b> | <b>317.6</b> | <b>706</b> | <b>238.0</b> | <b>405</b> | <b>159.5</b> | <b>186</b> | <b>85.2</b> | <b>155</b> | <b>23.6</b> | <b>18,449</b> | <b>487.5</b> |

Table 13.2. Chlamydia -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                           | Chlamydia -- Women |            |           |              |              |               |              |               |            |               |            |              |           |              |           |             |           |             |          |             |          |            |              |              |
|---------------------------|--------------------|------------|-----------|--------------|--------------|---------------|--------------|---------------|------------|---------------|------------|--------------|-----------|--------------|-----------|-------------|-----------|-------------|----------|-------------|----------|------------|--------------|--------------|
|                           | Age Group          |            |           |              |              |               |              |               |            |               |            |              |           |              |           |             |           |             |          |             |          |            |              |              |
|                           | 0-9                |            | 10-14     |              | 15-19        |               | 20-24        |               | 25-29      |               | 30-34      |              | 35-39     |              | 40-44     |             | 45-49     |             | 50-54    |             | 55+      |            | Total        |              |
| County                    | Cases              | Rate       | Cases     | Rate         | Cases        | Rate          | Cases        | Rate          | Cases      | Rate          | Cases      | Rate         | Cases     | Rate         | Cases     | Rate        | Cases     | Rate        | Cases    | Rate        | Cases    | Rate       | Cases        | Rate         |
| ALBANY                    |                    |            | 20        | 222.4        | 373          | 3439.7        | 313          | 2754.1        | 126        | 1321.4        | 43         | 412.1        | 22        | 184.1        | 4         | 33.3        | 8         | 71.1        | 2        | 19.5        | 2        | 5.1        | 913          | 594.4        |
| CLINTON                   |                    |            |           |              | 48           | 1466.1        | 92           | 2963.9        | 26         | 1184.5        | 3          | 118.0        | 4         | 120.2        | 1         | 32.4        |           |             |          |             |          |            | 174          | 447.5        |
| COLUMBIA                  |                    |            | 1         | 45.4         | 30           | 1634.9        | 26           | 2093.4        | 8          | 510.5         | 4          | 201.5        | 1         | 44.4         | 1         | 37.3        |           |             |          |             |          |            | 72           | 227.0        |
| DELAWARE                  |                    |            |           |              | 18           | 1031.5        | 24           | 2158.3        | 4          | 385.4         | 2          | 150.5        | 1         | 62.0         |           |             |           |             |          |             |          |            | 49           | 200.7        |
| ESSEX                     |                    |            | 1         | 68.4         | 18           | 1572.1        | 12           | 1468.8        | 10         | 1063.8        | 2          | 177.0        |           |              |           |             |           |             |          |             |          |            | 43           | 230.1        |
| FRANKLIN                  |                    |            |           |              | 22           | 1371.6        | 27           | 2205.9        | 11         | 920.5         |            |              | 1         | 54.1         |           |             |           |             |          |             |          |            | 61           | 266.2        |
| FULTON                    |                    |            | 2         | 98.6         | 53           | 3134.2        | 39           | 2897.5        | 12         | 787.9         | 7          | 384.6        | 2         | 97.8         |           |             |           |             |          |             |          |            | 115          | 414.0        |
| GREENE                    |                    |            |           |              | 22           | 1753.0        | 23           | 2408.4        | 8          | 692.6         | 1          | 66.4         |           |              | 2         | 104.7       |           |             |          |             |          |            | 56           | 241.3        |
| HAMILTON                  |                    |            |           |              | 1            | 602.4         | 2            | 2439.0        |            |               |            |              |           |              |           |             |           |             |          |             |          |            | 3            | 112.1        |
| MONTGOMERY                |                    |            |           |              | 26           | 1647.7        | 26           | 1923.1        | 11         | 820.3         | 2          | 128.2        | 2         | 107.8        | 1         | 52.7        |           |             |          |             |          |            | 68           | 262.0        |
| OTSEGO                    |                    |            |           |              | 38           | 1216.8        | 37           | 1272.4        | 7          | 463.0         | 4          | 234.7        | 1         | 46.0         | 2         | 81.8        |           |             |          |             |          |            | 89           | 279.0        |
| RENSSELAER                |                    |            | 9         | 164.1        | 147          | 2800.5        | 109          | 2291.4        | 53         | 1101.9        | 15         | 286.6        | 4         | 61.4         | 2         | 32.1        | 2         | 36.0        |          |             |          |            | 341          | 437.6        |
| SARATOGA                  |                    |            | 2         | 28.7         | 91           | 1401.1        | 89           | 1733.9        | 23         | 372.8         | 11         | 137.9        | 7         | 76.1         | 1         | 11.5        | 1         | 12.4        |          |             |          |            | 225          | 220.7        |
| SCHENECTADY               |                    |            | 12        | 245.4        | 160          | 3699.4        | 126          | 3165.0        | 61         | 1455.2        | 26         | 521.0        | 10        | 160.7        | 5         | 83.4        | 2         | 36.0        | 1        | 20.9        |          |            | 403          | 530.4        |
| SCHOHARIE                 |                    |            |           |              | 15           | 1011.5        | 13           | 1681.8        | 3          | 398.9         | 3          | 302.7        |           |              |           |             |           |             |          |             |          |            | 34           | 213.9        |
| WARREN                    |                    |            | 2         | 81.6         | 45           | 2135.7        | 45           | 2907.0        | 9          | 511.4         | 2          | 92.5         | 2         | 72.4         | 1         | 39.5        |           |             |          |             |          |            | 106          | 324.9        |
| WASHINGTON                |                    |            |           |              | 27           | 1402.6        | 36           | 2604.9        | 9          | 579.2         | 4          | 196.9        | 3         | 131.0        | 1         | 40.2        | 2         | 90.5        |          |             |          |            | 82           | 276.1        |
| <b>ALBANY AREA TOTAL</b>  |                    |            | <b>49</b> | <b>98.4</b>  | <b>1,134</b> | <b>2275.1</b> | <b>1,039</b> | <b>2411.7</b> | <b>381</b> | <b>920.8</b>  | <b>129</b> | <b>263.1</b> | <b>60</b> | <b>102.2</b> | <b>21</b> | <b>35.7</b> | <b>15</b> | <b>27.7</b> | <b>3</b> | <b>6.1</b>  | <b>2</b> | <b>1.0</b> | <b>2,834</b> | <b>385.1</b> |
| ALLEGANY                  |                    |            |           |              | 18           | 727.9         | 17           | 756.6         | 13         | 1141.4        | 5          | 353.9        |           |              |           |             |           |             |          |             |          |            | 53           | 212.1        |
| CATTARAGUS                |                    |            | 2         | 61.0         | 51           | 1487.3        | 49           | 1871.7        | 16         | 713.6         | 7          | 276.7        | 2         | 65.8         |           |             |           |             |          |             |          |            | 127          | 295.4        |
| CHAUTAUQUA                | 1                  | 11.7       | 4         | 81.6         | 103          | 1787.9        | 105          | 2277.2        | 24         | 647.2         | 10         | 242.4        | 2         | 41.4         |           |             |           |             |          |             |          |            | 250          | 348.5        |
| ERIE                      |                    |            | 71        | 217.8        | 1,700        | 5444.2        | 1,232        | 4298.4        | 383        | 1360.1        | 142        | 435.9        | 68        | 181.6        | 31        | 77.2        | 17        | 47.4        | 4        | 12.9        | 2        | 1.5        | 3,650        | 735.6        |
| GENESEE                   |                    |            |           |              | 43           | 2074.3        | 55           | 3777.5        | 7          | 432.9         | 3          | 140.6        | 5         | 204.3        |           |             |           |             |          |             |          |            | 113          | 369.8        |
| NIAGARA                   |                    |            | 12        | 148.8        | 239          | 3098.7        | 215          | 3406.8        | 97         | 1582.9        | 24         | 329.4        | 9         | 100.1        | 3         | 31.5        | 2         | 24.2        | 2        | 27.6        | 1        | 3.3        | 604          | 530.7        |
| ORLEANS                   |                    |            | 3         | 173.6        | 53           | 3329.1        | 37           | 3083.3        | 10         | 783.7         | 4          | 230.8        |           |              |           |             | 1         | 69.1        |          |             |          |            | 108          | 485.3        |
| WYOMING                   |                    |            |           |              | 16           | 1108.0        | 21           | 2234.0        | 5          | 453.3         | 2          | 151.1        |           |              |           |             |           |             |          |             |          |            | 44           | 221.3        |
| <b>BUFFALO AREA TOTAL</b> | <b>1</b>           | <b>1.0</b> | <b>92</b> | <b>163.0</b> | <b>2,223</b> | <b>3990.2</b> | <b>1,731</b> | <b>3602.9</b> | <b>555</b> | <b>1223.2</b> | <b>197</b> | <b>370.8</b> | <b>86</b> | <b>138.0</b> | <b>34</b> | <b>50.9</b> | <b>20</b> | <b>33.8</b> | <b>6</b> | <b>11.7</b> | <b>3</b> | <b>1.3</b> | <b>4,949</b> | <b>601.8</b> |
| CHEMUNG                   |                    |            | 3         | 90.8         | 53           | 1701.4        | 56           | 2069.5        | 18         | 774.2         | 8          | 289.0        | 2         | 57.9         |           |             | 1         | 29.7        |          |             |          |            | 141          | 306.9        |
| LIVINGSTON                |                    |            |           |              | 26           | 803.5         | 38           | 1240.2        | 9          | 609.3         |            |              | 2         | 77.3         |           |             | 1         | 43.3        |          |             |          |            | 76           | 237.5        |
| MONROE                    | 4                  | 8.1        | 55        | 204.3        | 1,455        | 5812.8        | 1,179        | 4995.8        | 409        | 1761.5        | 156        | 586.5        | 69        | 224.1        | 31        | 100.5       | 17        | 60.2        | 2        | 7.9         | 3        | 3.3        | 3,382        | 888.0        |
| ONTARIO                   |                    |            | 1         | 27.0         | 70           | 2018.5        | 55           | 1982.0        | 12         | 461.4         | 2          | 60.4         | 3         | 69.4         |           |             | 1         | 24.7        |          |             |          |            | 144          | 280.7        |
| SCHUYLER                  |                    |            |           |              | 5            | 776.4         | 11           | 2606.6        | 4          | 829.9         |            |              |           |              |           |             |           |             |          |             |          |            | 20           | 209.4        |
| SENECA                    |                    |            | 3         | 229.2        | 15           | 1401.9        | 25           | 3255.2        | 9          | 895.5         | 3          | 279.3        | 1         | 77.8         |           |             |           |             |          |             |          |            | 56           | 333.3        |
| STEUBEN                   |                    |            | 2         | 54.5         | 49           | 1401.6        | 60           | 2539.1        | 22         | 810.0         | 7          | 223.2        | 2         | 51.4         |           |             |           |             |          |             |          |            | 142          | 282.0        |

Table 13.2. Chlamydia -- Women -- Reported cases and rates per 100,000 by age and county: New York State, 2009

|                             | Chlamydia -- Women |            |            |              |              |               |              |               |              |               |              |              |              |              |            |              |            |              |            |             |            |             |               |              |
|-----------------------------|--------------------|------------|------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|------------|--------------|------------|--------------|------------|-------------|------------|-------------|---------------|--------------|
|                             | Age Group          |            |            |              |              |               |              |               |              |               |              |              |              |              |            |              |            |              |            |             |            |             |               |              |
|                             | 0-9                |            | 10-14      |              | 15-19        |               | 20-24        |               | 25-29        |               | 30-34        |              | 35-39        |              | 40-44      |              | 45-49      |              | 50-54      |             | 55+        |             | Total         |              |
| County                      | Cases              | Rate       | Cases      | Rate         | Cases        | Rate          | Cases        | Rate          | Cases        | Rate          | Cases        | Rate         | Cases        | Rate         | Cases      | Rate         | Cases      | Rate         | Cases      | Rate        | Cases      | Rate        | Cases         | Rate         |
| WAYNE                       |                    |            | 1          | 26.9         | 64           | 2119.9        | 64           | 2967.1        | 13           | 511.4         | 2            | 58.1         | 4            | 96.2         | 1          | 24.4         |            |              |            |             |            |             | 149           | 314.7        |
| YATES                       |                    |            | 2          | 220.3        | 17           | 1477.0        | 14           | 2074.1        | 6            | 1022.1        |              |              | 1            | 111.5        |            |              |            |              |            |             |            |             | 40            | 317.7        |
| <b>ROCHESTER AREA TOTAL</b> | <b>4</b>           | <b>4.8</b> | <b>67</b>  | <b>144.1</b> | <b>1,754</b> | <b>3965.6</b> | <b>1,502</b> | <b>3898.3</b> | <b>502</b>   | <b>1358.4</b> | <b>178</b>   | <b>408.3</b> | <b>84</b>    | <b>161.2</b> | <b>32</b>  | <b>60.9</b>  | <b>20</b>  | <b>41.5</b>  | <b>2</b>   | <b>4.7</b>  | <b>3</b>   | <b>1.9</b>  | <b>4,150</b>  | <b>641.7</b> |
| BROOME                      | 1                  | 8.2        | 4          | 61.8         | 117          | 1556.3        | 154          | 2145.7        | 34           | 639.1         | 17           | 272.5        | 7            | 90.9         | 2          | 25.0         |            |              | 1          | 15.3        | 1          | 3.4         | 339           | 326.4        |
| CAYUGA                      |                    |            | 1          | 32.6         | 41           | 1354.0        | 59           | 2843.4        | 20           | 988.6         | 8            | 307.1        | 1            | 30.9         |            |              |            |              | 1          | 39.7        | 1          | 9.5         | 132           | 325.5        |
| CHENANGO                    |                    |            |            |              | 12           | 692.4         | 27           | 2272.7        | 6            | 449.8         | 1            | 61.2         | 2            | 98.4         | 1          | 48.9         |            |              |            |             |            |             | 49            | 187.7        |
| CORTLAND                    |                    |            | 1          | 60.8         | 34           | 1421.4        | 35           | 1298.7        | 16           | 1251.0        | 5            | 317.9        | 2            | 116.4        | 1          | 53.4         | 1          | 60.6         |            |             |            |             | 95            | 379.5        |
| HERKIMER                    |                    |            | 2          | 81.3         | 35           | 1510.6        | 37           | 2144.9        | 7            | 402.8         | 1            | 50.7         |              |              | 1          | 39.6         | 1          | 42.2         |            |             |            |             | 84            | 252.2        |
| JEFFERSON                   |                    |            |            |              | 115          | 3074.0        | 138          | 3567.7        | 36           | 985.2         | 13           | 330.6        | 4            | 89.2         | 2          | 49.3         |            |              |            |             | 1          | 8.5         | 309           | 571.4        |
| LEWIS                       |                    |            | 1          | 85.3         | 13           | 1205.9        | 10           | 1430.6        | 8            | 1097.4        | 2            | 242.1        |              |              |            |              |            |              |            |             |            |             | 34            | 249.7        |
| MADISON                     |                    |            | 1          | 37.6         | 38           | 1165.6        | 42           | 1719.9        | 9            | 527.9         | 3            | 132.4        | 1            | 36.2         |            |              | 2          | 79.6         |            |             |            |             | 96            | 271.9        |
| ONEIDA                      | 1                  | 7.1        | 7          | 85.4         | 186          | 2326.5        | 186          | 2898.6        | 56           | 902.1         | 26           | 352.6        | 10           | 115.0        | 3          | 32.7         | 4          | 48.9         | 1          | 12.9        |            |             | 480           | 404.9        |
| ONONDAGA                    | 2                  | 6.4        | 59         | 349.6        | 683          | 4130.4        | 570          | 3682.2        | 172          | 1216.3        | 84           | 518.6        | 24           | 121.5        | 13         | 70.1         | 11         | 63.0         | 1          | 6.8         | 2          | 3.4         | 1,621         | 677.3        |
| OSWEGO                      | 1                  | 12.0       | 4          | 83.6         | 42           | 864.6         | 45           | 956.2         | 8            | 235.8         | 5            | 119.0        |              |              |            |              | 1          | 22.5         |            |             |            |             | 106           | 171.0        |
| ST. LAWRENCE                |                    |            |            |              | 75           | 1536.9        | 54           | 1236.0        | 11           | 375.3         | 5            | 146.4        | 2            | 50.1         | 1          | 24.1         |            |              |            |             |            |             | 148           | 269.0        |
| TIOGA                       |                    |            |            |              | 24           | 1397.0        | 14           | 1254.5        | 5            | 400.0         |              |              |              |              |            |              |            |              |            |             |            |             | 43            | 164.8        |
| TOMPKINS                    |                    |            | 1          | 37.8         | 48           | 810.7         | 54           | 675.6         | 12           | 362.2         | 7            | 230.5        | 2            | 64.2         | 2          | 60.4         | 1          | 29.7         |            |             |            |             | 127           | 259.8        |
| <b>SYRACUSE AREA TOTAL</b>  | <b>5</b>           | <b>4.6</b> | <b>81</b>  | <b>131.0</b> | <b>1,463</b> | <b>2184.4</b> | <b>1,425</b> | <b>2300.2</b> | <b>400</b>   | <b>816.0</b>  | <b>177</b>   | <b>310.9</b> | <b>55</b>    | <b>80.2</b>  | <b>26</b>  | <b>38.0</b>  | <b>21</b>  | <b>33.8</b>  | <b>4</b>   | <b>7.3</b>  | <b>5</b>   | <b>2.3</b>  | <b>3,663</b>  | <b>415.4</b> |
| DUTCHESS                    | 1                  | 5.5        | 5          | 50.5         | 191          | 1957.6        | 181          | 2120.9        | 66           | 935.1         | 22           | 225.6        | 13           | 104.6        | 3          | 25.0         | 5          | 47.4         | 2          | 21.8        | 2          | 6.2         | 491           | 351.1        |
| NASSAU                      | 2                  | 2.2        | 32         | 71.1         | 641          | 1623.8        | 709          | 2165.0        | 275          | 774.9         | 128          | 273.0        | 51           | 87.8         | 35         | 58.7         | 9          | 17.1         | 9          | 18.7        | 11         | 5.9         | 1,902         | 274.7        |
| ORANGE                      | 2                  | 7.6        | 7          | 50.7         | 279          | 2362.0        | 277          | 3118.7        | 110          | 1224.1        | 18           | 146.5        | 16           | 102.5        | 10         | 70.4         | 1          | 7.9          | 2          | 18.5        | 4          | 11.4        | 726           | 425.5        |
| PUTNAM                      |                    |            |            |              | 20           | 754.7         | 24           | 1284.8        | 6            | 255.6         | 2            | 55.0         | 1            | 19.1         |            |              | 1          | 24.2         |            |             | 2          | 20.3        | 56            | 116.6        |
| ROCKLAND                    |                    |            | 1          | 9.1          | 119          | 1292.6        | 155          | 2096.6        | 67           | 886.5         | 30           | 288.4        | 9            | 73.8         | 2          | 17.9         | 3          | 28.0         | 2          | 18.6        | 2          | 5.8         | 390           | 265.6        |
| SUFFOLK                     |                    |            | 19         | 37.4         | 884          | 2093.4        | 889          | 2438.8        | 343          | 824.2         | 137          | 252.4        | 72           | 106.6        | 37         | 60.2         | 19         | 36.5         | 13         | 26.3        | 7          | 4.2         | 2,423         | 334.3        |
| SULLIVAN                    |                    |            |            |              | 83           | 3627.6        | 70           | 3926.0        | 15           | 900.9         | 3            | 125.7        | 4            | 137.1        |            |              | 1          | 38.1         | 2          | 75.2        |            |             | 178           | 493.2        |
| ULSTER                      |                    |            | 2          | 33.5         | 103          | 1814.3        | 109          | 2058.9        | 43           | 950.1         | 9            | 151.4        | 1            | 13.0         | 5          | 67.1         | 2          | 28.6         |            |             | 1          | 4.5         | 275           | 308.6        |
| WESTCHESTER                 | 2                  | 3.1        | 39         | 125.7        | 686          | 2657.6        | 709          | 3052.9        | 274          | 996.9         | 109          | 302.4        | 69           | 165.2        | 36         | 87.6         | 15         | 41.4         | 12         | 37.5        | 7          | 5.6         | 1,960         | 405.5        |
| <b>METRO NY AREA TOTAL</b>  | <b>7</b>           | <b>2.0</b> | <b>105</b> | <b>60.5</b>  | <b>3,006</b> | <b>2018.7</b> | <b>3,123</b> | <b>2475.0</b> | <b>1,199</b> | <b>876.9</b>  | <b>458</b>   | <b>252.2</b> | <b>236</b>   | <b>105.6</b> | <b>128</b> | <b>59.7</b>  | <b>56</b>  | <b>29.7</b>  | <b>42</b>  | <b>24.3</b> | <b>36</b>  | <b>5.8</b>  | <b>8,401</b>  | <b>331.9</b> |
| BRONX                       | 13                 | 11.5       | 258        | 486.0        | 5,029        | 10300.1       | 3,626        | 6881.1        | 1,620        | 3046.4        | 705          | 1261.6       | 342          | 583.9        | 182        | 341.1        | 109        | 250.5        | 57         | 147         | 62         | 43.0        | 12,056        | 1686.8       |
| KINGS                       | 12                 | 6.6        | 197        | 220.3        | 4,566        | 5359.2        | 4,265        | 4474.4        | 2,025        | 1985.0        | 886          | 880.9        | 474          | 465.8        | 293        | 294.4        | 162        | 184.8        | 112        | 141         | 112        | 38.7        | 13,186        | 1005.0       |
| NEW YORK                    | 9                  | 12.4       | 109        | 326.5        | 2,291        | 6141.1        | 2,045        | 3107.6        | 1,120        | 1262.2        | 450          | 553.3        | 218          | 316.6        | 151        | 250.3        | 68         | 120.4        | 44         | 83.1        | 44         | 23.0        | 6,584         | 813.6        |
| QUEENS                      | 10                 | 7.2        | 99         | 143.3        | 2,266        | 3484.0        | 2,379        | 3047.3        | 1,146        | 1260.5        | 550          | 591.1        | 297          | 306.7        | 189        | 203.9        | 124        | 154.0        | 67         | 93.0        | 52         | 18.5        | 7,205         | 621.5        |
| RICHMOND                    | 1                  | 3.3        | 16         | 103.6        | 353          | 2496.1        | 253          | 1972.9        | 120          | 803.1         | 47           | 271.4        | 26           | 139.2        | 16         | 82.8         | 5          | 29.0         | 2          | 12.2        | 3          | 5.7         | 857           | 374.4        |
| <b>NYC AREA TOTAL</b>       | <b>45</b>          | <b>8.4</b> | <b>679</b> | <b>260.7</b> | <b>14505</b> | <b>5790.1</b> | <b>12568</b> | <b>4124.5</b> | <b>6,031</b> | <b>1724.2</b> | <b>2,638</b> | <b>757.7</b> | <b>1,357</b> | <b>393.7</b> | <b>831</b> | <b>255.5</b> | <b>468</b> | <b>164.0</b> | <b>282</b> | <b>109</b>  | <b>273</b> | <b>28.5</b> | <b>39,888</b> | <b>944.3</b> |

**Table 14: NYSDOH BSTDPE Infertility Prevention Project Chlamydia Screening by Age Group, 2005-2009\***<sup>¶</sup>

| AGE GROUP    | Males         |                    | Females       |                    | Total         |                    |
|--------------|---------------|--------------------|---------------|--------------------|---------------|--------------------|
|              | Total<br>N    | Positive<br>N(%)   | Total<br>N    | Positive<br>N(%)   | Total<br>N    | Positive<br>N(%)   |
| <b>2005</b>  |               |                    |               |                    |               |                    |
| 10-14        | 575           | 29( 5.1)           | 268           | 34(12.7)           | 843           | 63( 7.5)           |
| 15-19        | 3,886         | 542(14.0)          | 3,687         | 499(13.6)          | 7,573         | 1,041(13.8)        |
| 20-24        | 6,712         | 997(14.9)          | 4,909         | 389( 7.9)          | 11,621        | 1,386(12.0)        |
| 25-29        | 4,105         | 446(10.9)          | 2,159         | 141( 6.5)          | 6,264         | 587( 9.4)          |
| 30+          | 9,910         | 410( 4.2)          | 3,830         | 79( 2.1)           | 13,740        | 489( 3.6)          |
| MISSING      | 110           | 3( 2.7)            | 22            | 2( 9.1)            | 132           | 5( 3.8)            |
| <b>TOTAL</b> | <b>25,298</b> | <b>2,427( 9.6)</b> | <b>14,875</b> | <b>1,144( 7.7)</b> | <b>40,173</b> | <b>3,571( 8.9)</b> |
| <b>2006</b>  |               |                    |               |                    |               |                    |
| 10-14        | 762           | 15( 2.0)           | 313           | 47(15.2)           | 1,075         | 62( 5.8)           |
| 15-19        | 4,251         | 583(13.8)          | 3,496         | 523(15.0)          | 7,747         | 1,106(14.3)        |
| 20-24        | 6,705         | 989(14.8)          | 4,606         | 444( 9.7)          | 11,311        | 1,433(12.7)        |
| 25-29        | 4,401         | 519(11.8)          | 1,997         | 140( 7.0)          | 6,398         | 659(10.3)          |
| 30+          | 10,663        | 448( 4.2)          | 3,633         | 106( 2.9)          | 14,296        | 554( 3.9)          |
| MISSING      | 211           | 17( 8.1)           | 63            | 5( 7.9)            | 274           | 22( 8.1)           |
| <b>TOTAL</b> | <b>26,993</b> | <b>2,571( 9.5)</b> | <b>14,108</b> | <b>1,265( 9.0)</b> | <b>41,101</b> | <b>3,836( 9.3)</b> |
| <b>2007</b>  |               |                    |               |                    |               |                    |
| 10-14        | 647           | 16( 2.5)           | 234           | 43(18.5)           | 881           | 59( 6.7)           |
| 15-19        | 3,902         | 553(14.2)          | 2,683         | 451(16.9)          | 6,585         | 1,004(15.3)        |
| 20-24        | 6,213         | 967(15.6)          | 4,847         | 503(10.4)          | 11,060        | 1,470(13.4)        |
| 25-29        | 4,395         | 526(12.0)          | 2,147         | 149( 7.0)          | 6,542         | 675(10.4)          |
| 30+          | 9,876         | 472( 4.8)          | 3,584         | 114( 3.2)          | 13,460        | 586( 4.4)          |
| MISSING      | 1,849         | 75( 4.1)           | 3             | 0( 0.0)            | 1,852         | 75( 4.1)           |
| <b>TOTAL</b> | <b>26,882</b> | <b>2,609( 9.7)</b> | <b>13,498</b> | <b>1,260( 9.3)</b> | <b>40,380</b> | <b>3,869( 9.6)</b> |
| <b>2008</b>  |               |                    |               |                    |               |                    |
| 10-14        | 635           | 20( 3.2)           | 217           | 31(14.4)           | 852           | 51( 6.0)           |
| 15-19        | 4,729         | 664(14.1)          | 3,452         | 559(16.3)          | 8,181         | 1,223(15.0)        |
| 20-24        | 7,196         | 1,179(16.4)        | 5,065         | 529(10.4)          | 12,261        | 1,708(13.9)        |
| 25-29        | 4,664         | 513(11.1)          | 2,348         | 153( 6.5)          | 7,012         | 666( 9.5)          |
| 30+          | 10,307        | 457( 4.4)          | 4,173         | 96( 2.3)           | 14,480        | 553( 3.8)          |
| <b>TOTAL</b> | <b>27,531</b> | <b>2,833(10.3)</b> | <b>15,255</b> | <b>1,368( 9.0)</b> | <b>42,786</b> | <b>4,201( 9.8)</b> |
| <b>2009</b>  |               |                    |               |                    |               |                    |
| 10-14        | 681           | 21( 3.1)           | 252           | 43(17.3)           | 933           | 64( 6.9)           |
| 15-19        | 4,854         | 720(14.9)          | 4,067         | 646(16.0)          | 8,921         | 1,366(15.4)        |
| 20-24        | 8,151         | 1,206(14.9)        | 5,541         | 492( 8.9)          | 13,692        | 1,698(12.5)        |
| 25-29        | 5,165         | 535(10.4)          | 2,520         | 131( 5.2)          | 7,685         | 666( 8.7)          |
| 30+          | 11,313        | 476( 4.2)          | 4,654         | 96( 2.1)           | 15,967        | 572( 3.6)          |
| MISSING      | 10            | 0( 0.0)            | 8             | 0( 0.0)            | 18            | 0( 0.0)            |
| <b>TOTAL</b> | <b>30,174</b> | <b>2,958( 9.8)</b> | <b>17,042</b> | <b>1,408( 8.3)</b> | <b>47,216</b> | <b>4,366( 9.3)</b> |

\*Total tests include positive, negative, unsatisfactory and indeterminate test results. Percent positive, however, is based on the number of positive test results as a proportion of the total number of positive and negative test results.

<sup>¶</sup>Does not include screening performed in Family Planning sites.

|                                  | Males        |                  | Females        |                    | Total          |                    |
|----------------------------------|--------------|------------------|----------------|--------------------|----------------|--------------------|
|                                  | Total<br>N   | POS<br>N(%)      | Total<br>N     | POS<br>N(%)        | Total<br>N     | POS<br>N(%)        |
| <b>HEALTH CARE PROVIDER TYPE</b> |              |                  |                |                    |                |                    |
| STD                              | 6,182        | 676(11.0)        | 3,543          | 264( 7.5)          | 9,725          | 940( 9.7)          |
| ADOLESCENT HEALTH CENTER         | 244          | 66(27.4)         | 348            | 39(11.4)           | 592            | 105(18.0)          |
| COLLEGE HEALTH CENTER            | 217          | 24(11.1)         | 1,477          | 79( 5.4)           | 1,694          | 103( 6.1)          |
| COMMUNITY HEALTH CENTER          | 1,956        | 57( 2.9)         | 1,847          | 68( 3.7)           | 3,803          | 125( 3.3)          |
| <b>AGE</b>                       |              |                  |                |                    |                |                    |
| MISSING                          | 6            | 0( 0.0)          | 6              | 0( 0.0)            | 12             | 0( 0.0)            |
| 10-14                            | 21           | 2( 9.5)          | 28             | 3(11.1)            | 49             | 5(10.4)            |
| 15-19                            | 1,244        | 197(15.9)        | 1,719          | 193(11.3)          | 2,963          | 390(13.2)          |
| 20-24                            | 2,854        | 369(13.0)        | 2,799          | 177( 6.4)          | 5,653          | 546( 9.7)          |
| 25-29                            | 1,511        | 135( 8.9)        | 994            | 53( 5.4)           | 2,505          | 188( 7.5)          |
| 30+                              | 2,963        | 120( 4.1)        | 1,669          | 24( 1.5)           | 4,632          | 144( 3.1)          |
| <b>TOTAL</b>                     | <b>8,599</b> | <b>823( 9.6)</b> | <b>7,215</b>   | <b>450( 6.3)</b>   | <b>15,814</b>  | <b>1,273( 8.1)</b> |
| <b>HEALTH CARE PROVIDER TYPE</b> |              |                  |                |                    |                |                    |
| FAMILY PLANNING                  | 8,866        | 890(10.1)        | 110,915        | 4,577( 4.1)        | 119,781        | 5,467( 4.6)        |
| <b>AGE</b>                       |              |                  |                |                    |                |                    |
| 10-14                            | 57           | 1( 1.8)          | 924            | 77( 8.4)           | 981            | 78( 8.0)           |
| 15-19                            | 1,933        | 228(11.8)        | 26,712         | 1,980( 7.4)        | 28,645         | 2,208( 7.7)        |
| 20-24                            | 3,475        | 415(12.0)        | 40,230         | 1,723( 4.3)        | 43,705         | 2,138( 4.9)        |
| 25-29                            | 1,919        | 174( 9.1)        | 21,702         | 542( 2.5)          | 23,621         | 716( 3.0)          |
| 30+                              | 1,482        | 72( 4.9)         | 21,347         | 255( 1.2)          | 22,829         | 327( 1.4)          |
| <b>TOTAL</b>                     | <b>8,866</b> | <b>890(10.1)</b> | <b>110,915</b> | <b>4,577( 4.1)</b> | <b>119,781</b> | <b>5,467( 4.6)</b> |

\*Total tests include positive, negative, unsatisfactory and indeterminate test results.  
Percent positive, however, is based on the number of positive test results as a proportion of  
the total number of positive and negative test results.

|                    | Males         |                    | Females      |                  | Total         |                    |
|--------------------|---------------|--------------------|--------------|------------------|---------------|--------------------|
|                    | Total         | POS                | Total        | POS              | Total         | POS                |
|                    | N             | N(%)               | N            | N(%)             | N             | N(%)               |
| <b>STD CLINICS</b> |               |                    |              |                  |               |                    |
| <b>AGE GROUP</b>   |               |                    |              |                  |               |                    |
| MISSING            | 0             | 0( 0.0)            | 1            | 0( 0.0)          | 1             | 0( 0.0)            |
| 10-14              | 25            | 3(12.0)            | 56           | 18(32.7)         | 81            | 21(26.3)           |
| 15-19              | 1,518         | 400(26.5)          | 1,904        | 384(20.2)        | 3,422         | 784(23.0)          |
| 20-24              | 3,523         | 690(19.7)          | 2,486        | 296(11.9)        | 6,009         | 986(16.5)          |
| 25-29              | 2,237         | 339(15.2)          | 1,339        | 76( 5.7)         | 3,576         | 415(11.7)          |
| 30+                | 4,281         | 303( 7.1)          | 2,335        | 66( 2.8)         | 6,616         | 369( 5.6)          |
| <b>TOTAL</b>       | <b>11,584</b> | <b>1,735(15.1)</b> | <b>8,121</b> | <b>840(10.4)</b> | <b>19,705</b> | <b>2,575(13.1)</b> |

#### **CORRECTIONAL FACILITIES**

|                  |              |                  |              |                  |               |                  |
|------------------|--------------|------------------|--------------|------------------|---------------|------------------|
| <b>AGE GROUP</b> |              |                  |              |                  |               |                  |
| MISSING          | 4            | 0( 0.0)          | 1            | 0( 0.0)          | 5             | 0( 0.0)          |
| 10-14            | 635          | 16( 2.5)         | 168          | 22(13.2)         | 803           | 38( 4.7)         |
| 15-19            | 2,092        | 123( 5.9)        | 444          | 69(15.6)         | 2,536         | 192( 7.6)        |
| 20-24            | 1,774        | 147( 8.3)        | 256          | 19( 7.4)         | 2,030         | 166( 8.2)        |
| 25-29            | 1,417        | 61( 4.3)         | 187          | 2( 1.1)          | 1,604         | 63( 3.9)         |
| 30+              | 4,069        | 53( 1.3)         | 650          | 6( 0.9)          | 4,719         | 59( 1.3)         |
| <b>TOTAL</b>     | <b>9,991</b> | <b>400( 4.0)</b> | <b>1,706</b> | <b>118( 6.9)</b> | <b>11,697</b> | <b>518( 4.4)</b> |

\*Total tests include positive, negative, unsatisfactory and indeterminate test results. Percent positive, however, is based on the number of positive test results as a proportion of the total number of positive and negative test results.

## Technical notes for the 2009 STD statistical abstract:

### Data Sources:

1. The 2009 STD morbidity data for New York State exclusive of New York City (also referred to as “Upstate New York”) were obtained from the cases reported to New York State Department of Health (NYS DOH) through the Communicable Disease Electronic Surveillance System (CDESS).
2. The 2009 New York City STD morbidity data were obtained from the data provided by the New York City Department of Health and Mental Hygiene (NYC DOHMH) Bureau of STD Control in June 2010.

For more information about NYC STD statistics, please contact the NYC DOHMH Bureau of STD Control or visit their website: <http://www.nyc.gov/html/doh/html/std/std.shtml>.

3. The New York State population data were obtained from the CensusCD 2000 provided by GeoLytics, Inc., East Brunswick, New Jersey.
- 4.

### STD Statistics:

1. Reportable STDs in New York State include: syphilis, gonorrhea, *Chlamydia*, chancroid, granuloma inguinale, and lymphogranuloma venereum (LGV).
2. Individual STD cases were aggregated at the state and county level, by disease, age and sex.
3. The STD rates were calculated by the number of STD case reports divided by the source population.
4. In 2005, CDC revised the definition for neurosyphilis. Neurological involvement can occur at any stage for syphilis cases, thus, neurosyphilis is not classified as a separate stage for syphilis and is considered as a subset of syphilis cases.

NYC DOHMH began using the new case definition for neurosyphilis cases in 2005 and in Upstate New York, the new definition for neurosyphilis was adopted in 2006.

5. The numbers of gonorrhea cases were recorded in thousands for NYC before 1986.
6. *Chlamydia* became reportable in Upstate New York in August 2000, thus, the disease trend was presented for data between 2001 and 2009.

7. Statistics for Chancroid, granuloma inguinale\*, and LGV were not included in this report due to the small numbers of reported cases.

| Disease             | NYC | Upstate NY | NYS |
|---------------------|-----|------------|-----|
| Chancroid           | 0   | 0          | 0   |
| Granuloma inguinale | 0   | N/A        | 0   |
| LGV                 | 73  | 3          | 76  |

\*Granuloma inguinale is reportable in NYC only

8. Some cases did not have valid information on age and sex. They were included in the calculation for the total number of cases, but not included in the calculation for the age- and/or sex-specific tables.

- 1) Missing information for Upstate New York STD data:

| Disease   | Sex missing | Age missing |
|-----------|-------------|-------------|
| Syphilis  | 0           | 0           |
| Gonorrhea | 0           | 0           |
| Chlamydia | 0           | 0           |

- 2) Missing information for NYC STD data:

| Disease   | Sex missing | Age missing   |
|-----------|-------------|---|
| Syphilis  | 0           | 1 (1 male case)   |
| Gonorrhea | 5           | 42 (19 male cases, 22 female cases, and both age and sex were missing for 1 case)     |
| Chlamydia | 16          | 316 (104 male cases, 210 female cases, and both sex and age were missing for 2 cases) |

9. All data were analyzed using SAS® Version 9.1.3 software (SAS Institute, Inc., Cary, North Carolina).