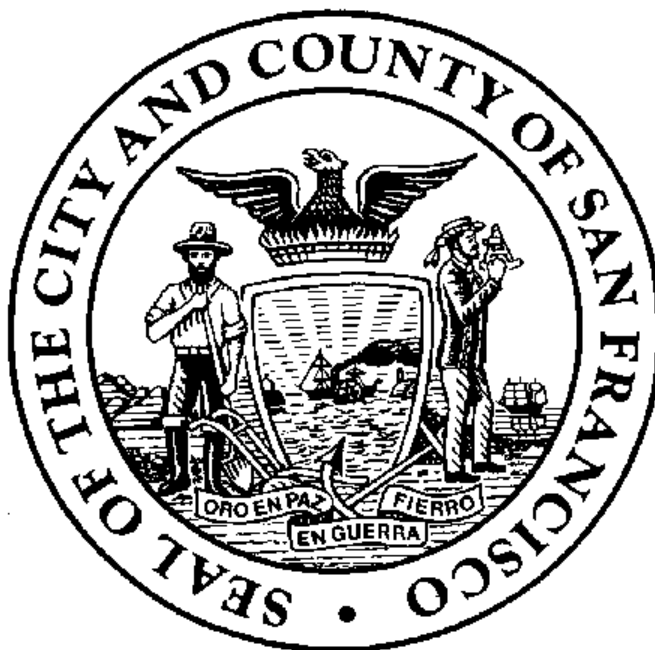


**San Francisco
Sexually Transmitted Disease
Annual Summary, 1999**



San Francisco Department of Public Health
Population Health and Prevention Division
Sexually Transmitted Disease Prevention and Control Services
San Francisco, California USA

November 2000

Contents

I. Reported Morbidity.....	1
A. Gonorrhea	5
B. Syphilis	9
C. Chlamydia.....	15
D. Gender	19
E. Race and Ethnicity.....	22
F. Age	27
G. Geography.....	33
H. Adolescents	51
I. Congenital Syphilis	74
J. Rectal gonorrhea	77
K. Other STDs.....	82
II. Prevalence Data	84
A. Screening program.....	84
B. Sentinel Surveillance	86
C. Detention facilities	93
III. City Clinic.....	98
A. Patient demographics	98
B. STDs.....	110
C. HIV Testing	116
Appendix I. Demographic Breakdowns of STD Morbidity.....	122
Appendix II. Demographic Breakdowns for City Clinic.....	131

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Note on totals for previous years

Numbers in this document listed for past years may not match totals in previous reports. Totals may increase due to late reports, and may decrease when duplicate reports are eliminated or cases are subsequently identified as out of our jurisdiction.

Technical Note

Analyses in this report were all completed using SAS for Windows version 6.12. Graphs were created using *Microsoft Excel*, and maps were created using *Epi Map*. The document itself was created with *Microsoft Word*.

I. Reported Morbidity

Sources of data

Title 17 of the California Administrative Code requires all clinicians treating or knowing of a patient with a suspected or documented reportable sexually transmitted diseases (STDs) and all laboratories with a test result or isolate suggesting infection by a reportable agent of an STD to report their findings to the patient's local health department. In 1999 the list of reportable STDs included syphilis of any stage, gonorrhea, chlamydia, chancroid, pelvic inflammatory disease (PID), and non-gonococcal urethritis (NGU). Reports of morbidity must include the patient's name and address as well as demographic information (gender, age, and race or ethnicity).

In practice, many STD diagnoses go unreported, especially from private health care providers. Furthermore, many men and women with STDs are never diagnosed, either because they do not develop symptoms, are not screened appropriately by their provider, or have no access to health care. This is particularly true for chlamydia, since infection is often asymptomatic and routine screening is not widespread. Furthermore, demographic data is often missing from reports; in 1999, about twenty percent of all STDs reported lacked race or ethnicity of patient. For these reasons, reported totals should be considered minimal estimates of the true number of STDs in the community.

Disease rates

Rates have been listed in most tables along with reporting totals. Rates are equal to the number of STD cases within the specified population per 100,000 San Francisco residents in that population per year. Population figures for rates are from the 1990 US Census Data, except for congenital syphilis, where live birth totals for each year are used instead.

Rates should be used when comparing STD levels among different populations, as differences in disease totals are affected by the size of the population as well as incidence.

Comparison rates for California, the United States, New York and Los Angeles are from *Sexually Transmitted Disease Surveillance, 1998*, by the Division of STD Prevention of the US Department of Health and Human Services (September, 1999). Objectives for the year 2000 are from *Healthy People 2000: National Health Promotion and Disease Prevention Objectives, September 1990*, pp. 19.1-19.15, and *Healthy People 2000 Midcourse Review and 1995 Revisions*, pp.256-257.

Summary

Early syphilis cases increased from 40 cases in 1998 to 44 cases in 1999. Approximately 70 percent of these early syphilis cases are among men who have sex with men (MSM). Syphilis totals are near their lowest reported levels since 1955.

Reported chlamydia cases increased by 4.7 percent from 1998, but many of these cases were asymptomatic infections detected due to increased screening among men. The prevalence of chlamydia among women screened at prevalence monitoring sites decreased by 10 percent between 1998 and

1999, which suggests that there actually has been a decline in prevalence of chlamydia among women in San Francisco.

Reported gonorrhea cases decreased by 12.8 percent from 1998. Gonorrhea totals also are near their lowest levels since 1955.

The distribution of gonorrhea cases by age and gender data along with geographic distribution suggest that there are two different populations most heavily affected by gonorrhea in San Francisco. The first population in-

Table 1. 1999 San Francisco STD rates compared with Healthy People for the Year 2000 STD Objectives (cases per 100,000 per year).

Disease	Year 2000 Objective		1999 SF rate
	original	revised	
19.1 Gonorrhea	225	100	222.1
a. blacks	1300	650	737.5
b. adolescents	750	375	502.6
c. women 15-44	290	175	193.6
19.2 Chlamydia	170	N/A	376.1
19.3 P&S Syphilis	10	4	4.0
a. blacks	65	30	9.2
19.4 Congenital syphilis	50	40	12.3
a. blacks	N/A	175	0
b. Hispanics	N/A	135	55.9
19.7 Repeat gonorrhea	N/A	15%	9.6%
a. blacks	N/A	17%	9.9%

cludes young men and women in the southeastern sector of the city. The rates for men and women are similar in the southeastern sector (Figures 47-49), while the age-specific rate for men peak later than for women. This suggests that these patients are part of a primarily heterosexual sexual network.

In contrast, gonorrhea rates for males are highest in and around the Castro district, where rates for women are very low (Figures 47-49). The Castro is the area in San Francisco with the greatest concentration of men who have sex with men (MSM). These cases are responsible for the second peak in the age-specific male gonorrhea rate at 30-34 years of age. These data suggest that these gonorrhea patients belong to a sexual network of MSM. (Note that sexual orientation is not a legally reportable demographic, which is why we have used other demographic data to make inferences about rates for MSM and heterosexuals.)

Syphilis cases are focused in the center of the city (Figure 44 and Figure 54) among older males, suggesting that it, too, is primarily in a MSM sexual network. Sexual orientation is collected for early syphilis cases as a part of partner management efforts; during 1999, 35 of the 44 patients with early syphilis (80 percent) were MSM.

All original STD objectives in *Healthy People for the Year 2000* were attained in 1999 except for the overall chlamydia rate. Gonorrhea rates were above the revised goals, though the goals for repeat gonorrhea have been attained.

No chancroid cases were reported in 1999. Only one congenital syphilis case was reported, which was equal to the 1998 total.

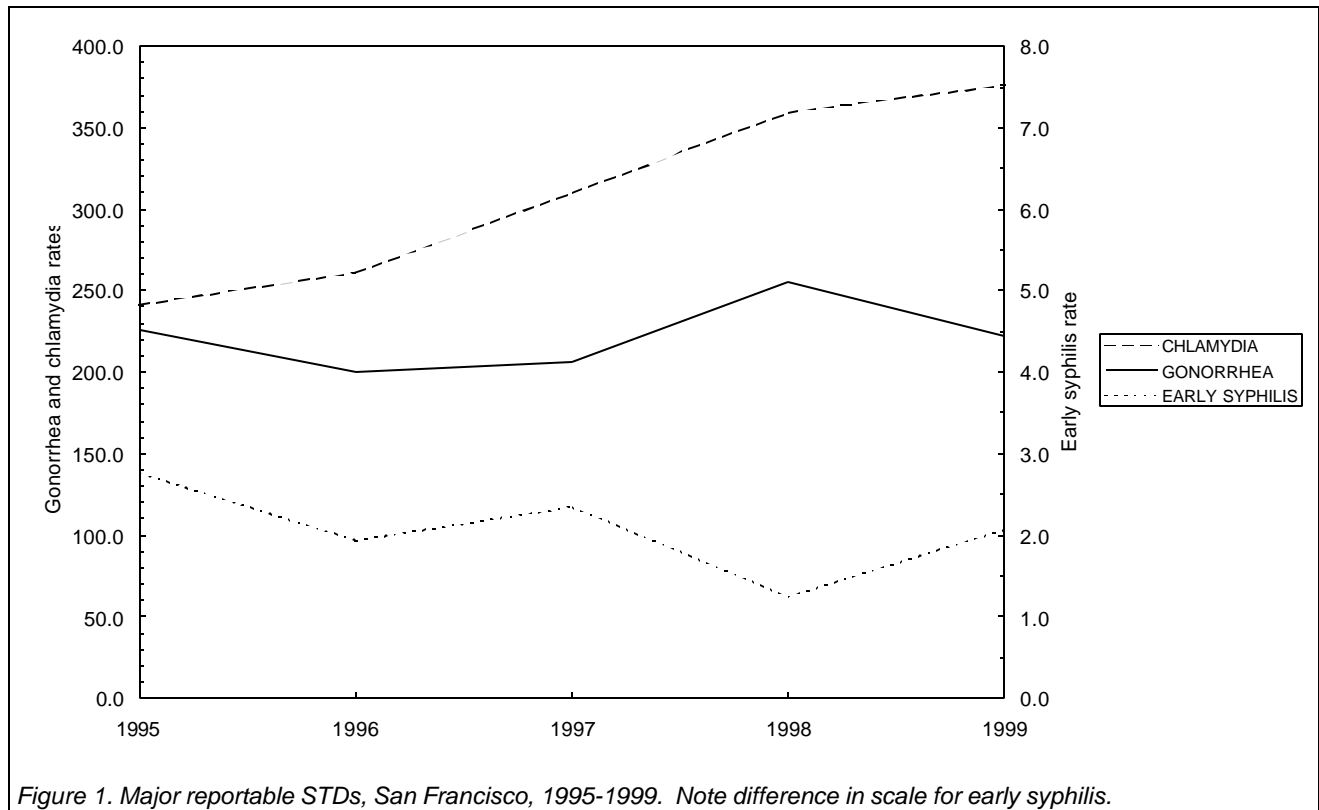


Table 2. Reportable STD cases and rates, San Francisco, 1995-1999. Rates equal cases per 100,000 1990 residents per year, except for NGU (rates equal cases per 100,000 men), PID (cases per 100,000 women), and congenital syphilis (cases per 100,000 live births). Note: no cases of *Granuloma inguinale* or late symptomatic syphilis have been reported since 1992.

Diagnosis is	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
GONORRHEA	1,634	1,448	1,495	1,844	1,608	225.7	200.0	206.5	254.7	222.1
---MALE RECTAL GONORRHEA	98	133	128	157	162	27.0	36.7	35.3	43.3	44.7
CHLAMYDIA	1,747	1,890	2,244	2,602	2,723	241.3	261.1	310.0	359.4	376.1
SYPHILIS (TOTAL)	185	154	187	132	128	25.6	21.3	25.8	18.2	17.7
---PRIMARY	8	11	22	11	4	1.1	1.5	3.0	1.5	0.6
---SECONDARY	24	22	35	15	25	3.3	3.0	4.8	2.1	3.5
---(TOTAL P&S)	32	33	57	26	29	4.4	4.6	7.9	3.6	4.0
---EARLY LATENT	11	9	16	14	15	1.5	1.2	2.2	1.9	2.1
---(TOTAL EARLY)	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
---UNKNOWN LATENT[1]	20	14	17	9	15	2.8	1.9	2.3	1.2	2.1
---LATE LATENT	119	97	96	80	66	16.4	13.4	13.3	11.1	9.1
---NEUROSYPHILIS	3	1	1	3	3	0.4	0.1	0.1	0.4	0.4
CONGENITAL SYPHILIS (TOTAL)	2	3	2	1	1	23.3	35.9	24.4	12.3	12.3
---BIRTHS	2	3	2	1	1	23.3	35.9	24.4	12.3	12.3
---STILLBIRTHS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PID (ALL)	109	96	73	76	77	30.2	26.6	20.2	21.0	21.3
---SUSPECT PID	28	28	34	20	21	7.7	7.7	9.4	5.5	5.8
---PROBABLE PID[2]	81	68	39	57	56	22.4	18.8	10.8	15.8	15.5
NON-GONOCOCCAL URETHRITIS	958	884	851	854	963	264.3	243.9	234.8	235.6	265.7
CHANCROID (ALL)	3	1	3	3	0	0.4	0.1	0.4	0.4	0.0
---CONFIRMED	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
---PRESUMPTIVE	3	1	3	3	0	0.4	0.1	0.4	0.4	0.0
LYMPHOGRANULOMA VENEREUM	2	1	1	1	0	0.3	0.1	0.1	0.1	0.0

¹ cases not known to be less than one year's duration where the patient is 40 years old or less and the initial titer is 1:32 or higher.

² PID cases meeting CDC case definition.

A. Gonorrhea

The number of gonorrhea cases declined from 1998. A total of 1608 cases were reported in 1999, giving San Francisco a rate of 222.1 reported gonorrhea cases per 100,000 residents per year. This was a 12.8 percent decrease over the 1844 cases in 1998.

The 1999 gonorrhea rate is below the original *Healthy People for the Year 2000* objective of 225 gonorrhea cases per 100,000 residents per year, but is above the revised goal of 100 cases per 100,000 residents.

Approximately 42 percent of all gonorrhea cases in 1999 were diagnosed at City Clinic. Another 16 percent were detected through our screening programs at jails and family planning clinics.

The gonorrhea rate for San Francisco has remained higher than the total rates for the United States and for California through 1998. (Data for 1999 from other areas was not available when this report was prepared.) Though this may be partially due to the inclusion of many rural areas in the overall rates, the San Francisco rate is also higher than the rate for Los Angeles County and the rate for New York City. Increases seen in San Francisco in 1998 did not parallel trends seen in these other areas and for the United States as a whole.

Data on rectal gonorrhea infections among men has been moved to a separate section in this report (see section J below).

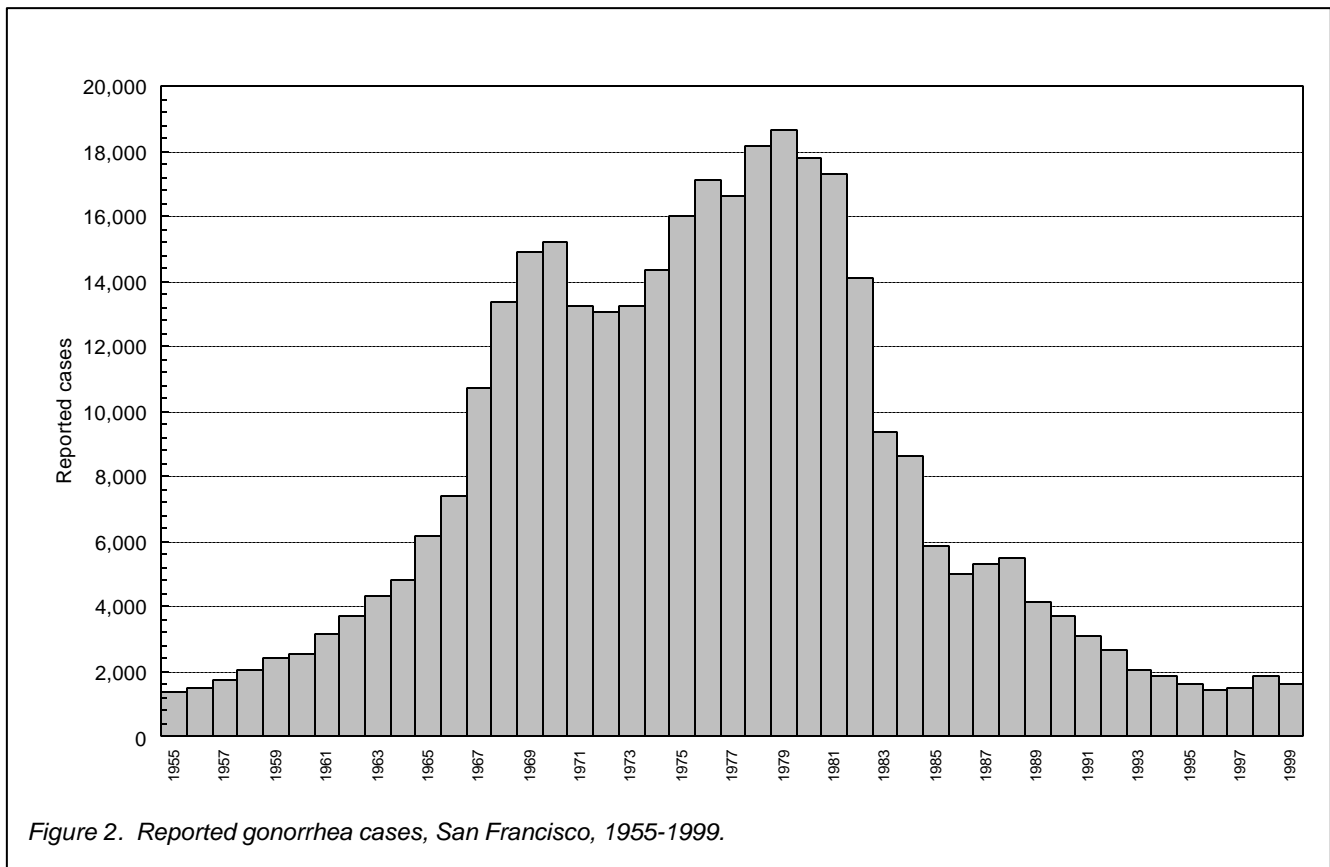


Figure 2. Reported gonorrhea cases, San Francisco, 1955-1999.

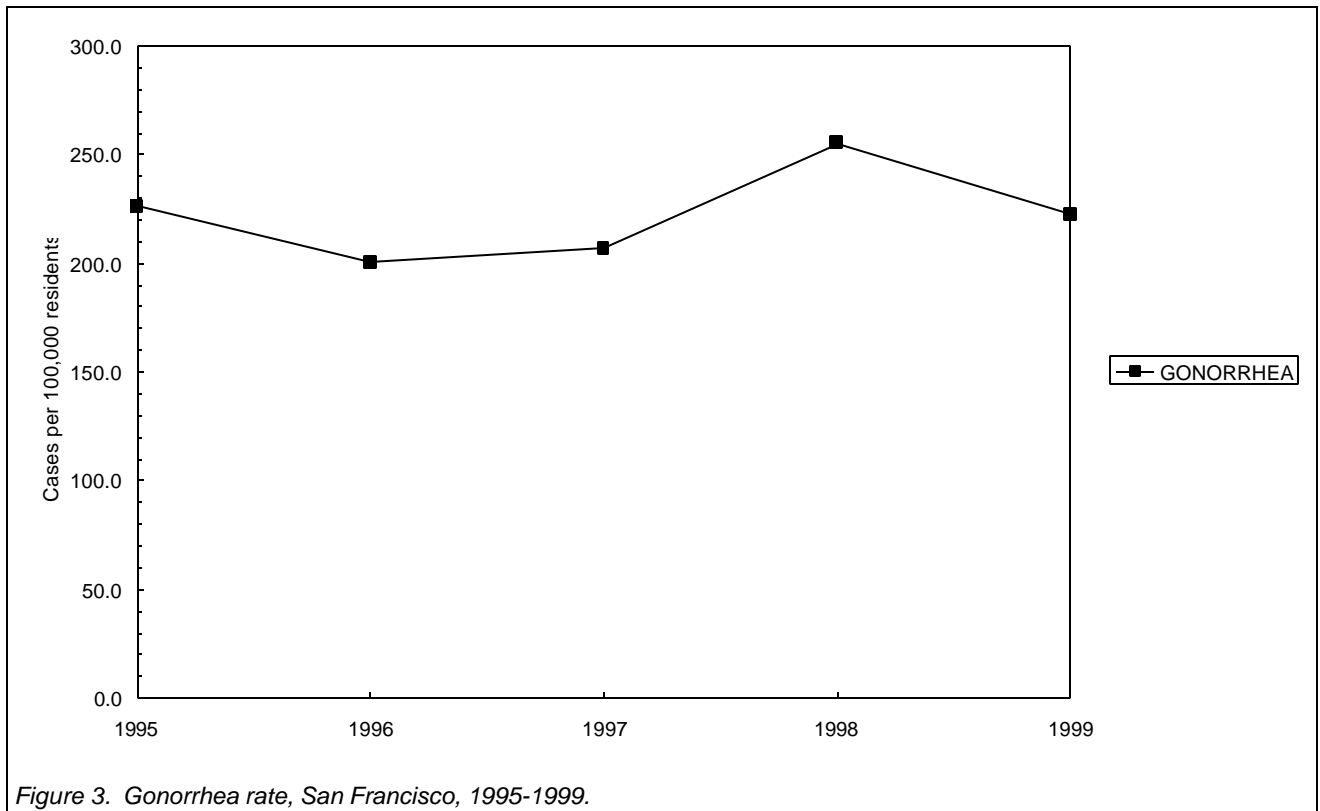


Figure 3. Gonorrhea rate, San Francisco, 1995-1999.

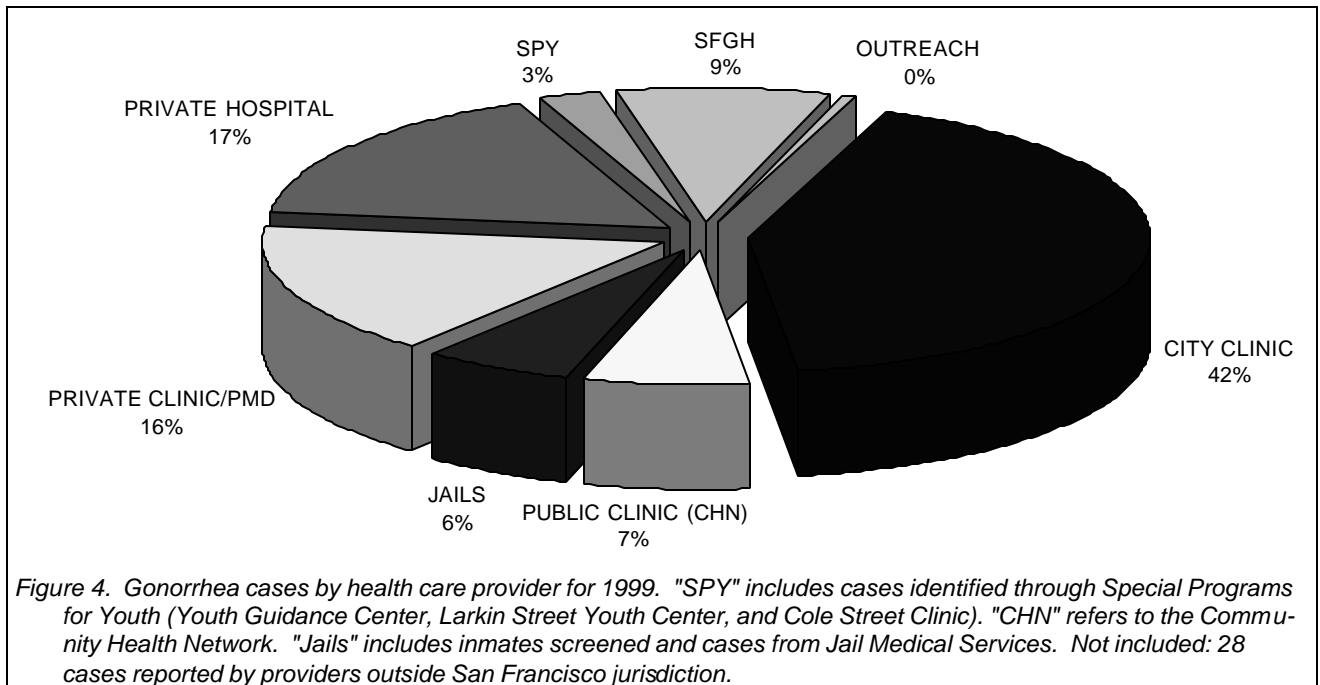


Figure 4. Gonorrhea cases by health care provider for 1999. "SPY" includes cases identified through Special Programs for Youth (Youth Guidance Center, Larkin Street Youth Center, and Cole Street Clinic). "CHN" refers to the Community Health Network. "Jails" includes inmates screened and cases from Jail Medical Services. Not included: 28 cases reported by providers outside San Francisco jurisdiction.

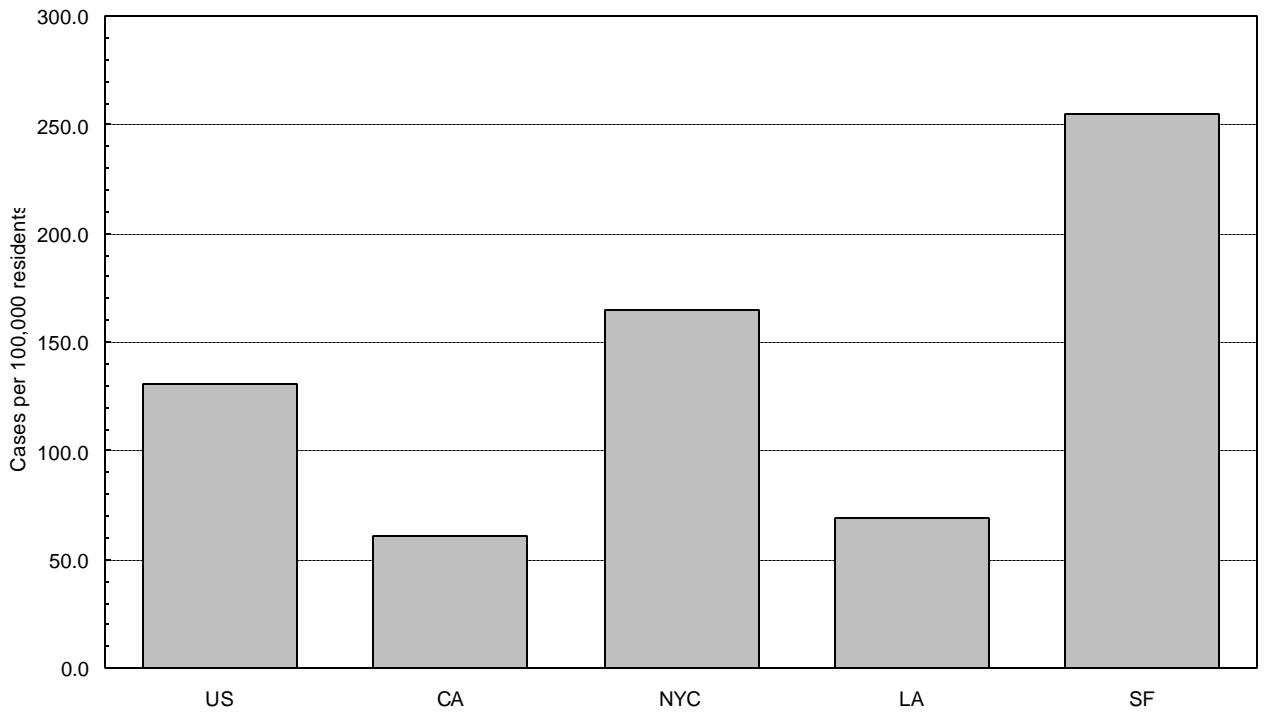


Figure 5. Regional gonorrhea rates compared for 1998, San Francisco vs. Los Angeles, New York City, Total California and Total US. (Data for 1999 not yet available for other areas.)

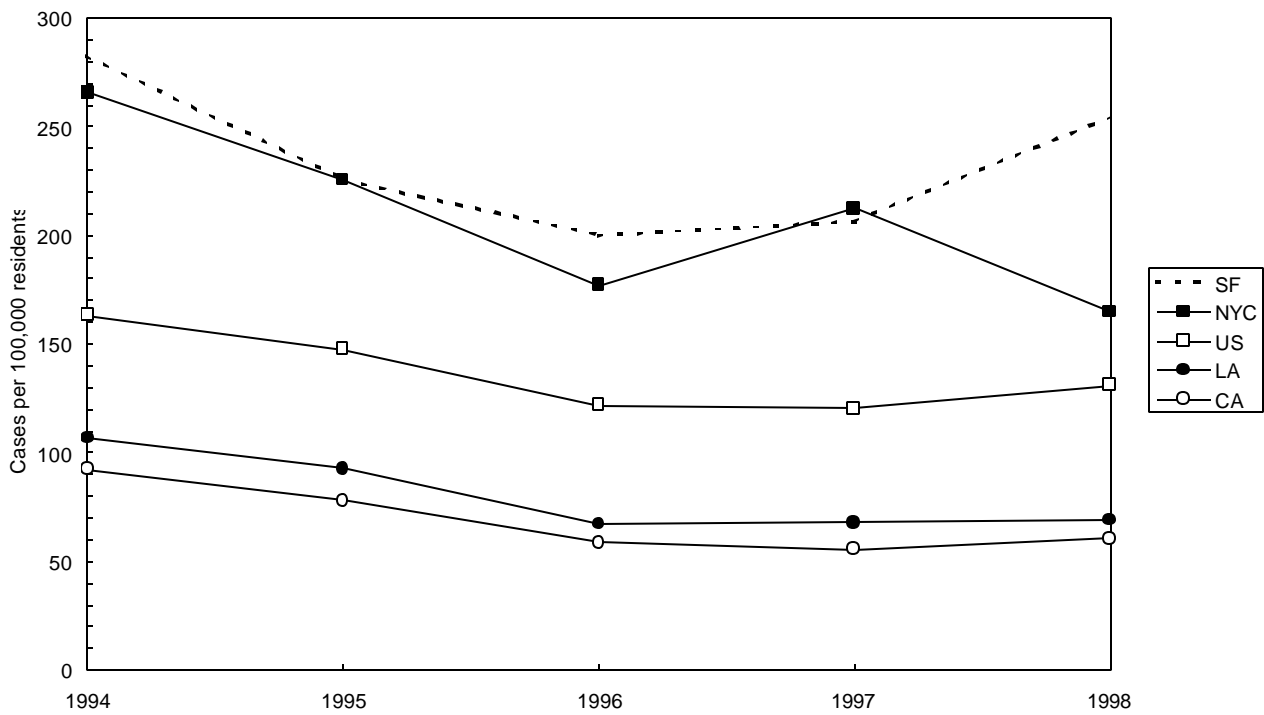


Figure 6. Trends in regional gonorrhea rates compared for 1994-1998, Los Angeles, New York City, Total California and Total US. (Data for 1999 not yet available for other areas.)

Table 3. Gonorrhea cases by health care provider, San Francisco, 1995-1999.

Reporting source	Reported cases					Percent of reports				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
OOJ PROVIDERS	20	29	29	35	28	1.2%	2.0%	1.9%	1.8%	1.7%
CITY CLINIC	746	629	616	700	673	45.6%	43.4%	41.2%	37.9%	41.8%
PUBLIC CLINIC (CHN)	85	91	79	108	103	5.2%	6.2%	5.2%	5.8%	6.4%
JAILS	34	24	73	109	99	2.0%	1.6%	4.8%	5.9%	6.1%
PRIVATE CLINIC/PMD	227	185	183	294	255	13.8%	12.7%	12.2%	15.9%	15.8%
PRIVATE HOSPITAL	361	332	348	386	265	22.0%	22.9%	23.2%	20.9%	16.4%
SPEC PROG YOUTH	27	43	34	64	41	1.6%	2.9%	2.2%	3.4%	2.5%
SFGH	131	112	128	142	137	8.0%	7.7%	8.5%	7.7%	8.5%
OUTREACH	3	3	5	6	7	0.1%	0.2%	0.3%	0.3%	0.4%
(ALL PROVIDERS)	1,634	1,448	1,495	1,844	1,608	100%	100%	100%	100%	100%

B. Syphilis

Early syphilis cases increased from 40 cases in 1998 to 44 cases in 1999. This is a 10 percent increase over 1998, but it is still below the 73 cases reported in 1997.

The 44 cases reported for 1999 represent a rate of 6.1 cases per 100,000 residents per year. Except for the increase in 1997, syphilis rates have been fairly flat for the last five years.

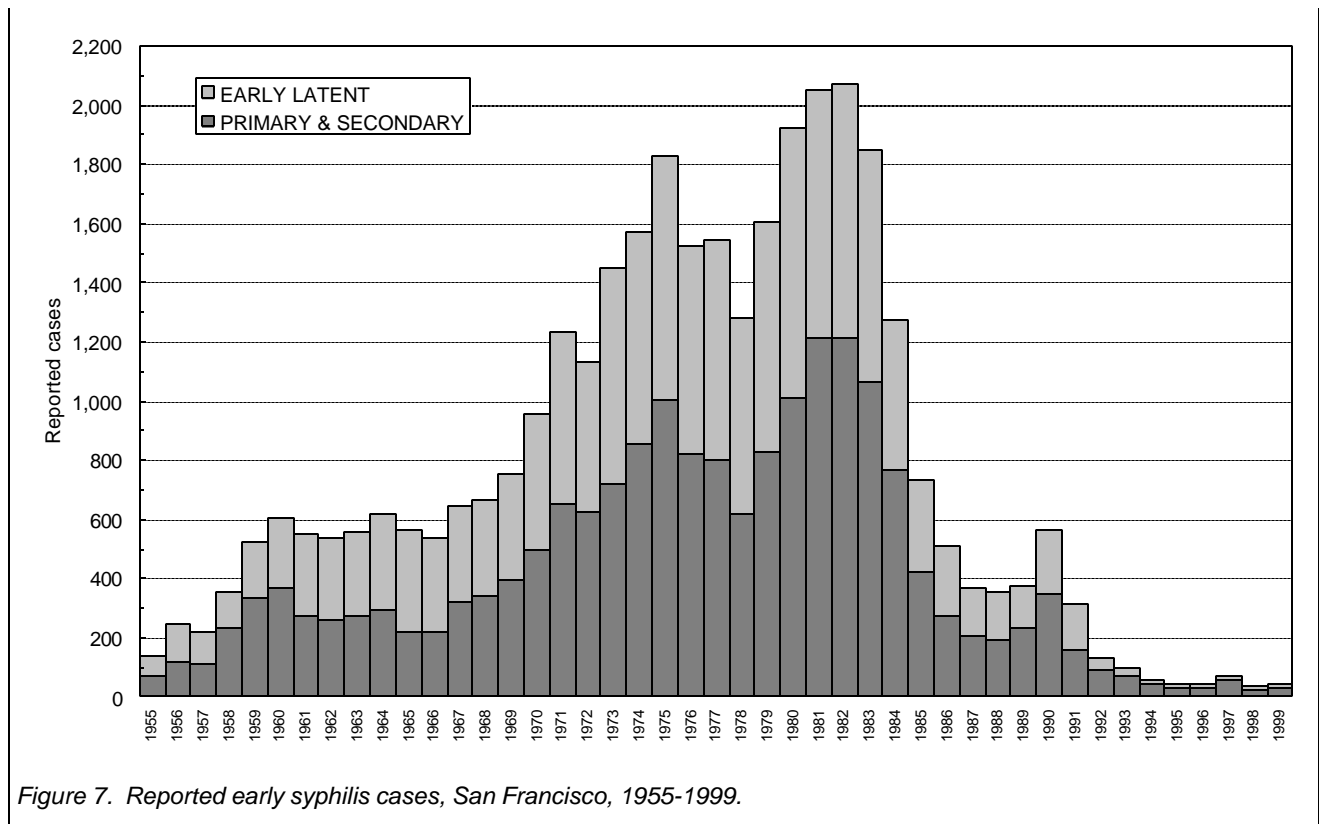
The rate for primary and secondary syphilis (i.e., symptomatic disease) is 4.0, which equal to the *Healthy People for the Year 2000* objective of 4 cases per 100,000 residents per year.

Of the 128 total syphilis cases reported in 1999, 66 were late latent cases, and probably infected before 1999 (51 percent of total). The proportion of primary and secondary syphilis (i.e., symptomatic cases) among cases less than one year in duration remained stable at 65 percent in 1998 and 1999. Fifteen (15) cases were classified as early latent disease, but another 15 latent cases were classified as unknown duration; these were likely to be early cases due to the patient's age (under 30 years old) and initial titer (1:32 or higher).

Twenty-seven percent (12 of 44) of total early cases were diagnosed at City Clinic in 1999, which is a decline from 40 percent in 1998.

The early syphilis rate for San Francisco was nearly twice the total rate for California in 1998 and only marginally higher than the overall rates for the United States. Rates in San Francisco were about half those observed in New York City and only slightly lower than Los Angeles County (1999 data for other areas not yet available).

Analysis of syphilis interviews from the past fifteen years showed that while the number of cases has decreased from over 650 to 44 in 1999, the proportion of cases among MSM decreased from 70 percent in 1985 to only 20 percent in 1991 and then increased to 70 percent again in 1999.



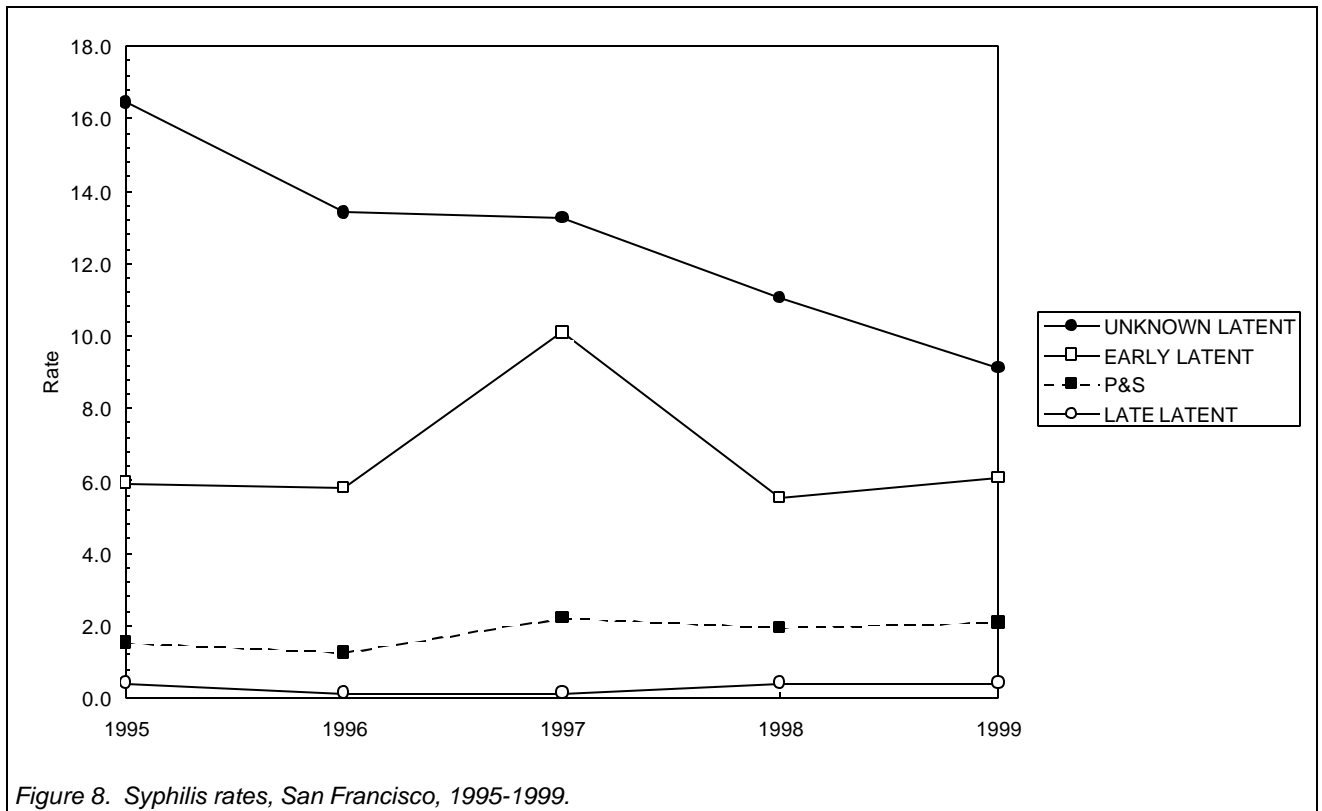


Figure 8. Syphilis rates, San Francisco, 1995-1999.

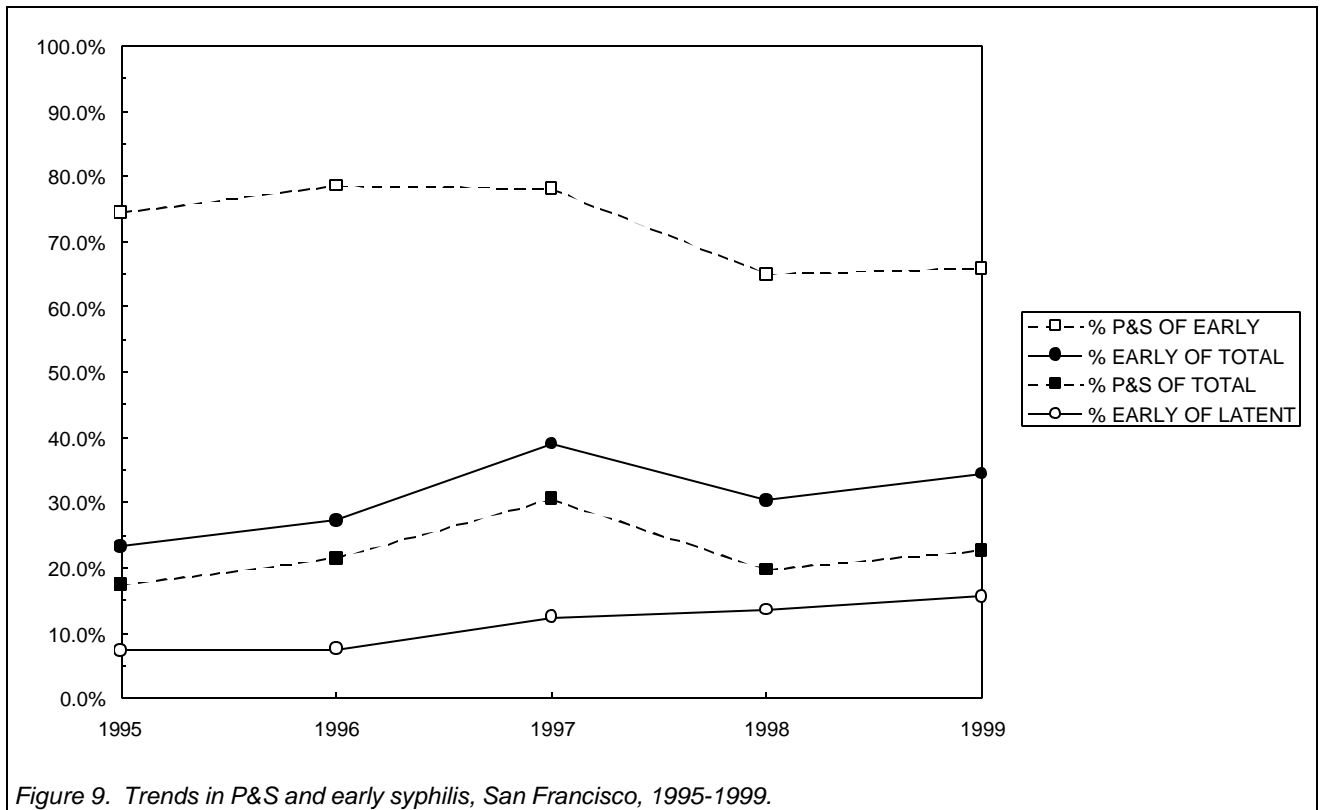


Figure 9. Trends in P&S and early syphilis, San Francisco, 1995-1999.

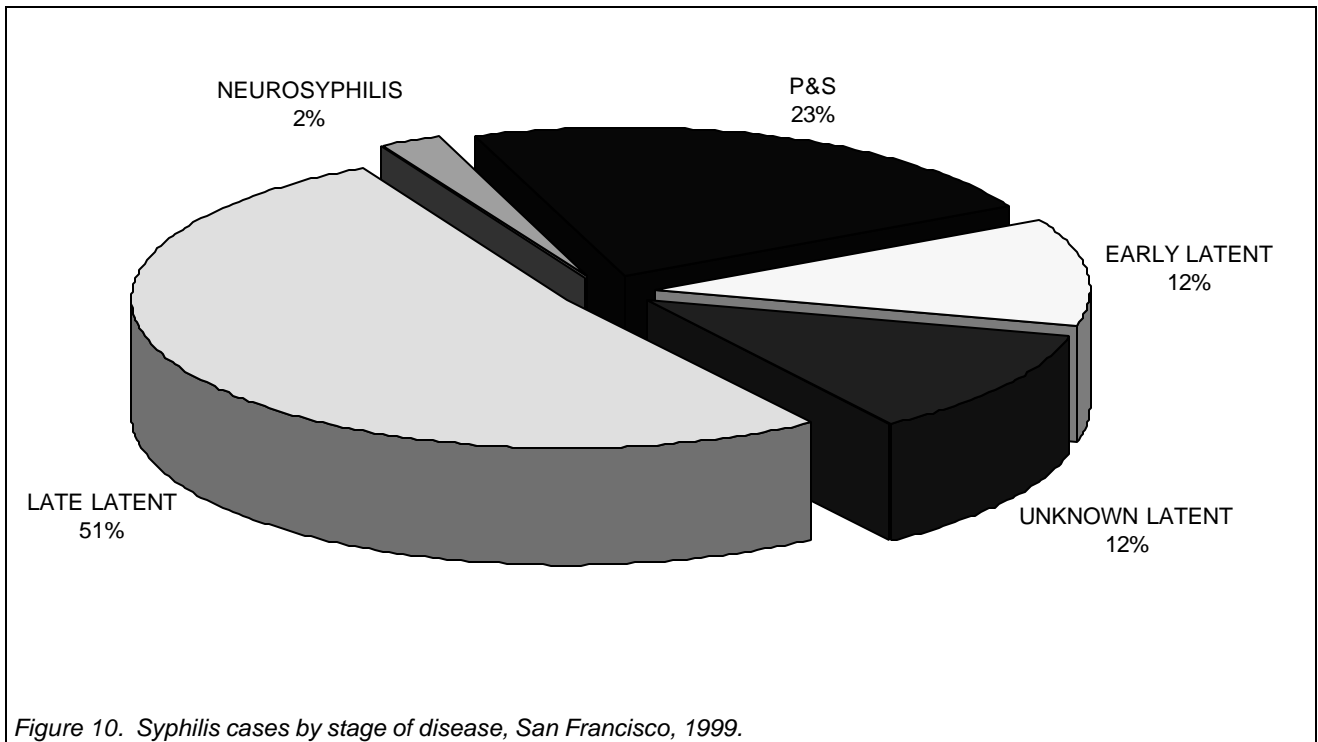


Figure 10. Syphilis cases by stage of disease, San Francisco, 1999.

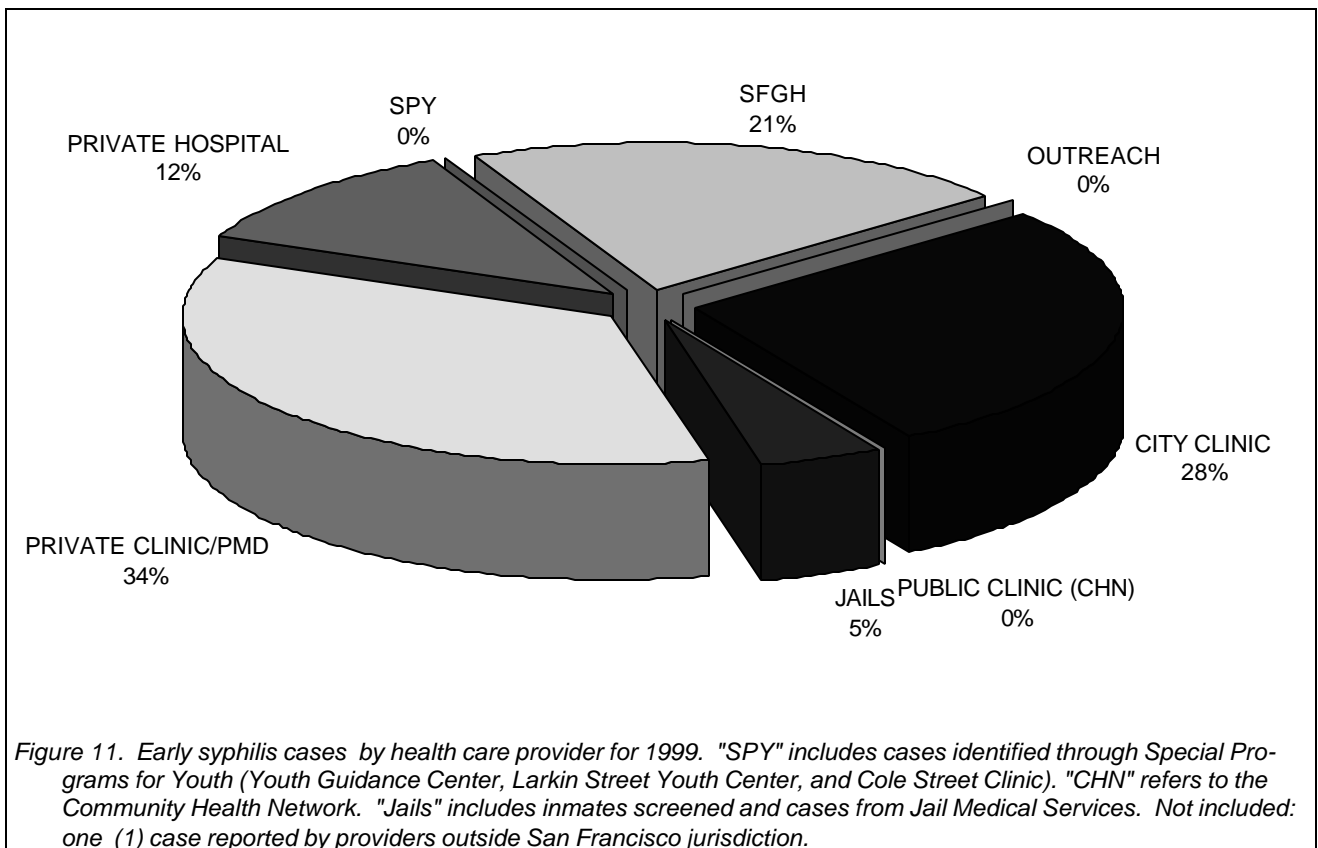
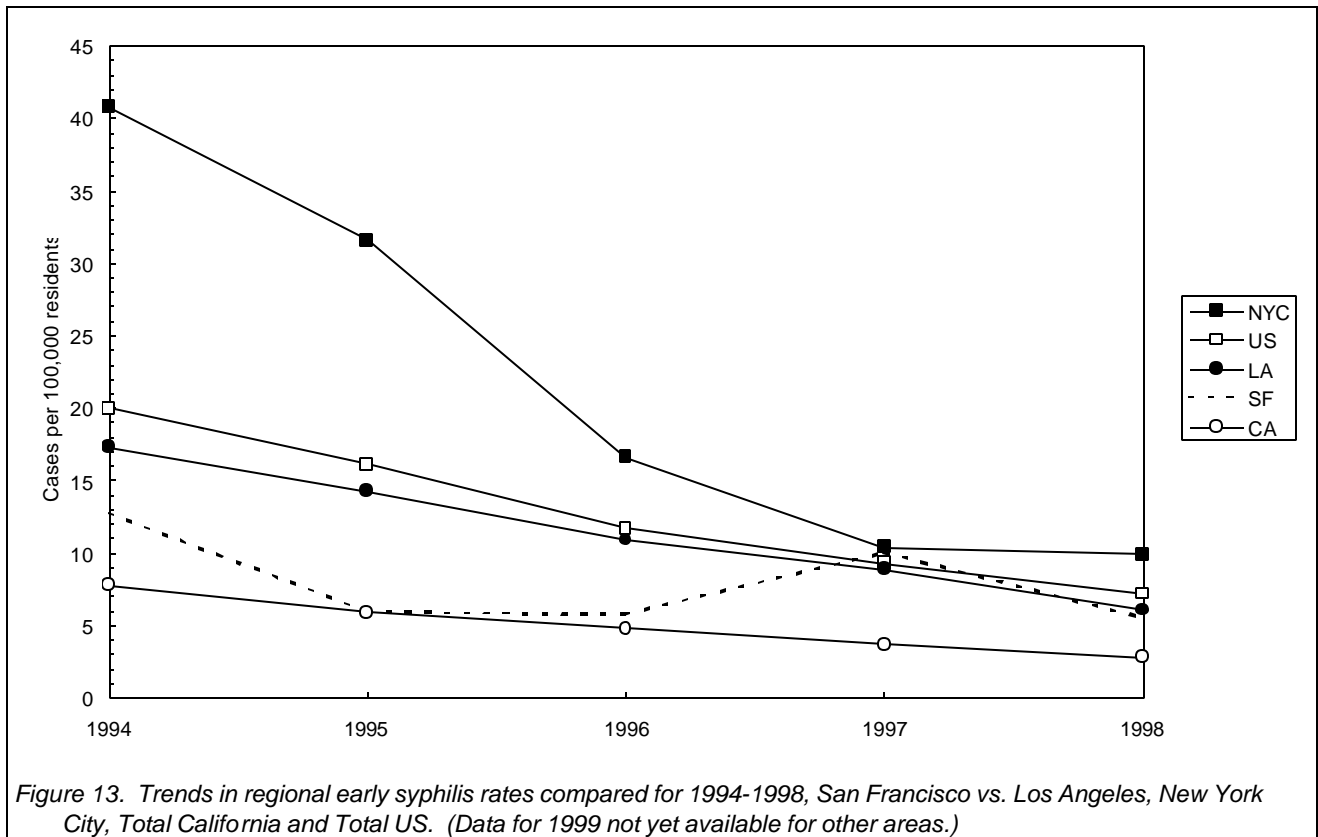
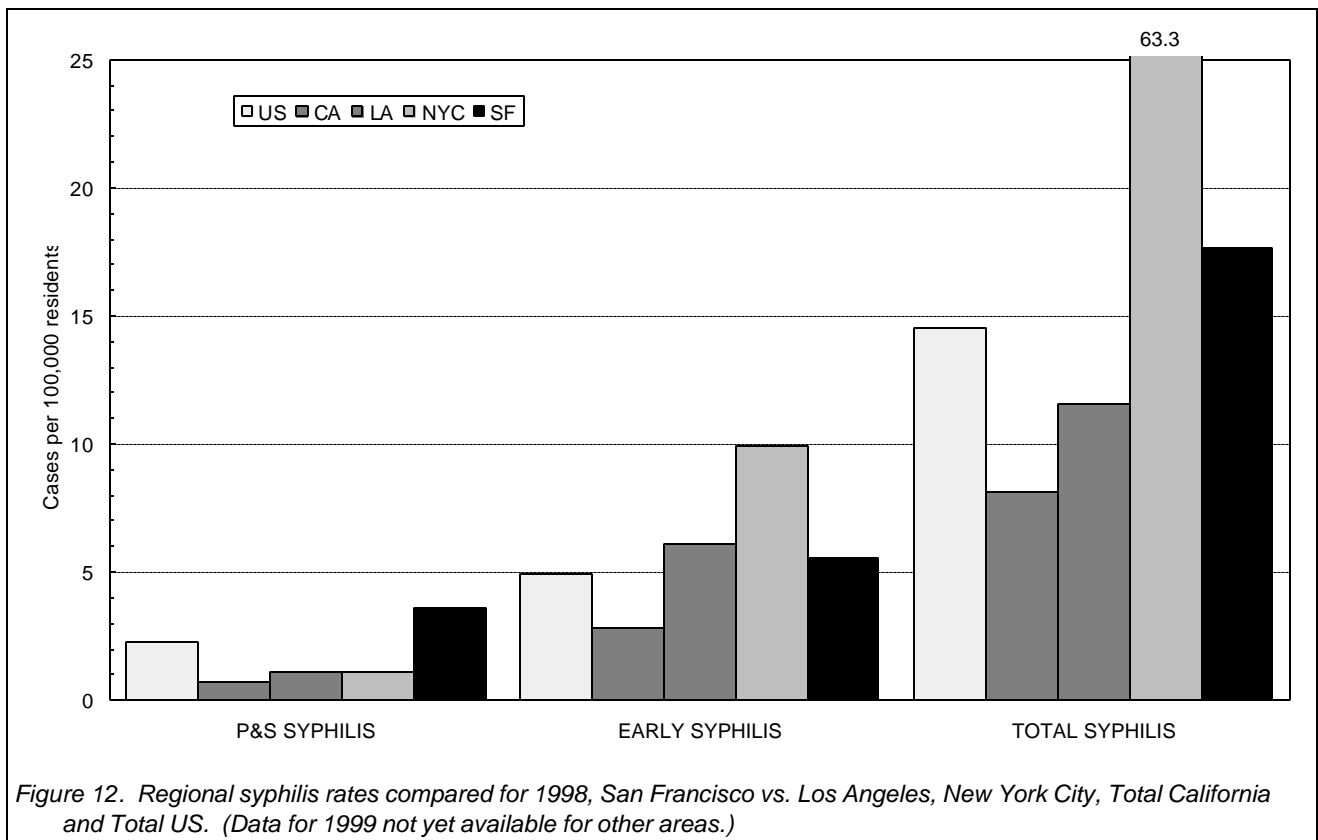


Figure 11. Early syphilis cases by health care provider for 1999. "SPY" includes cases identified through Special Programs for Youth (Youth Guidance Center, Larkin Street Youth Center, and Cole Street Clinic). "CHN" refers to the Community Health Network. "Jails" includes inmates screened and cases from Jail Medical Services. Not included: one (1) case reported by providers outside San Francisco jurisdiction.



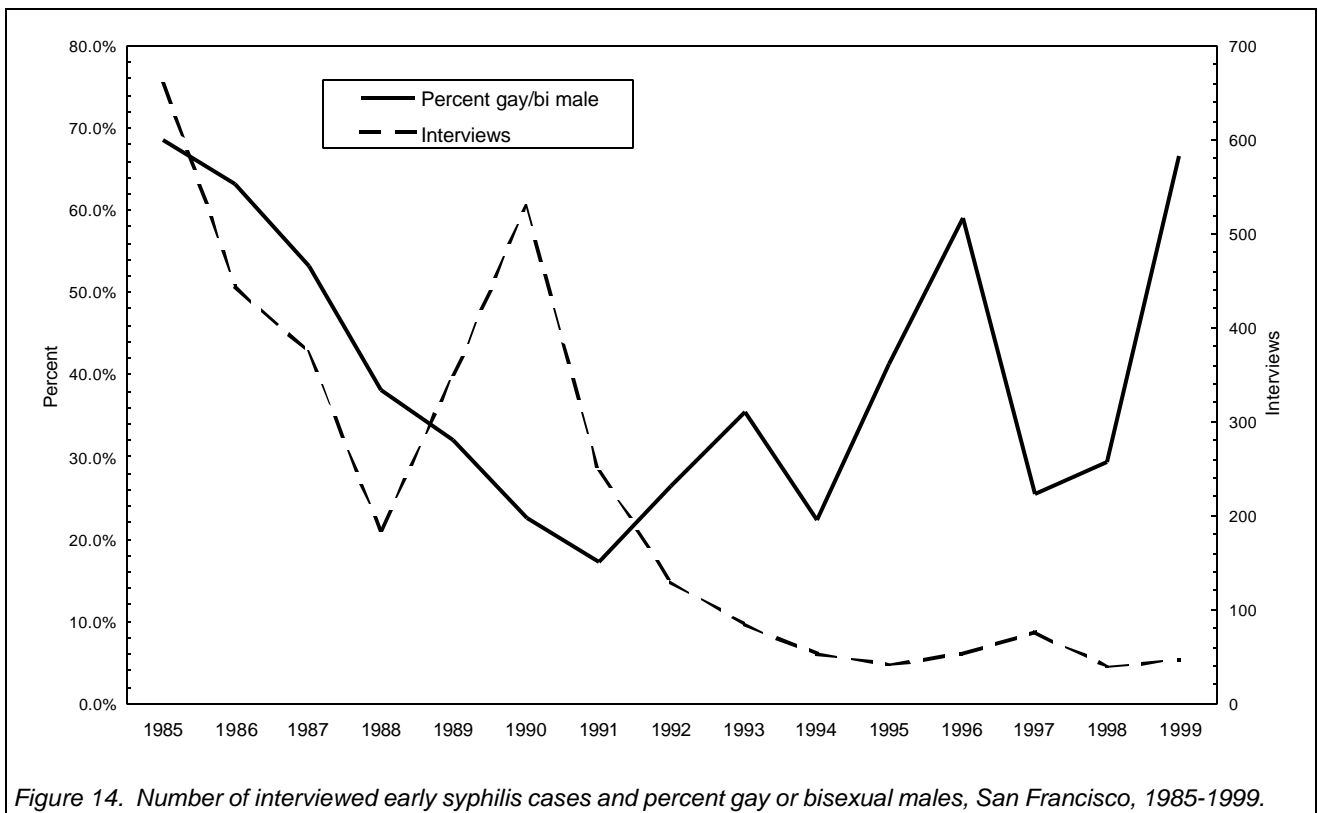


Figure 14. Number of interviewed early syphilis cases and percent gay or bisexual males, San Francisco, 1985-1999.

Table 4. Syphilis cases and rates by stage of disease, San Francisco, 1995-1999. Note: no late syphilis reported since 1991.

Stage	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
P&S SYPHILIS	32	33	57	26	29	4.4	4.6	7.9	3.6	4.0
EARLY LATENT (TOTAL EARLY)	11	9	16	14	15	1.5	1.2	2.2	1.9	2.1
UNKNOWN LATENT	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
LATE LATENT	20	14	17	9	15	2.8	1.9	2.3	1.2	2.1
NEUROSYPHILIS	119	97	96	80	66	16.4	13.4	13.3	11.1	9.1
	3	1	1	3	3	0.4	0.1	0.1	0.4	0.4

Table 5. Early syphilis cases by health care provider, San Francisco, 1995-1999.

Reporting source	Reported cases					Percent of reports				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
OOJ PROVIDERS	0	0	2	4	1	0.0%	0.0%	2.7%	10.0%	2.2%
CITY CLINIC	19	23	31	16	12	44.1%	54.7%	42.4%	40.0%	27.2%
PUBLIC CLINIC (CHN)	2	3	4	1	0	4.6%	7.1%	5.4%	2.5%	0.0%
JAILS	5	0	8	3	2	11.6%	0.0%	10.9%	7.5%	4.5%
PRIVATE CLINIC/PMD	6	6	10	7	15	13.9%	14.2%	13.6%	17.5%	34.0%
PRIVATE HOSPITAL	9	8	11	1	5	20.9%	19.0%	15.0%	2.5%	11.3%
SPEC PROG YOUTH	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
SFGH	2	2	7	8	9	4.6%	4.7%	9.5%	20.0%	20.4%
OUTREACH	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
(ALL PROVIDERS)	43	42	73	40	44	100%	100%	100%	100%	100%

Table 6. Syphilis cases by stage of disease, San Francisco, 1995-1999.

	1995	1996	1997	1998	1999
Percentages					
P&S OF TOTAL	17.3%	21.4%	30.5%	19.7%	22.7%
P&S OF EARLY	74.4%	78.6%	78.1%	65.0%	65.9%
EARLY OF TOTAL	23.2%	27.3%	39.0%	30.3%	34.4%
EARLY OF LATENT	7.3%	7.5%	12.4%	13.6%	15.6%

C. Chlamydia

Chlamydia cases increased for the fourth consecutive year. Chlamydia reports had peaked at 2670 cases (368.8 per 100,000) in 1990, one year after chlamydia became reportable in California; in 1999, 2723 cases were reported (376.1 per 100,000), which is the highest yearly total ever, and a 4 percent increase over 1998 (Figure 15). This rate is above the original *Healthy People for the Year 2000* objective of 170 cases per 100,000 residents per year.

Increases over the past four years are most likely due to adoption of nucleic acid amplification testing by our Public Health Laboratory beginning in the Fall 1996. This technology is more sensitive than EIA tests we had used previously. In addition, nucleic acid amplification tests can be performed on urine specimens; this has allowed us to screen more patients without symptoms and those in non-clinical settings.

Adoption of nucleic acid amplification testing has allowed us to greatly expand screening of asymptomatic men. Figure 21 shows the steep increase in reported cases among men. Between 1995 and 1999, reported cases increased by 180 percent among men, but by only 16 percent among women.

Cases detected among jail inmates increased from 14 cases in 1995 to 287 cases in 1999. This is due to the implementation of screening, especially in men, beginning in Fall 1996. Screening in the jails has been expanded each year since 1996.

The chlamydia rate for San Francisco has remained higher than the rate for Los Angeles as well as the overall rates for the United States and for California through 1998 (data for 1999 not yet available for other areas); the rate is similar to the rate for New York City, however. San Francisco has had a sharper increase in chlamydia rates than other jurisdictions, possibly for the reasons explained above.

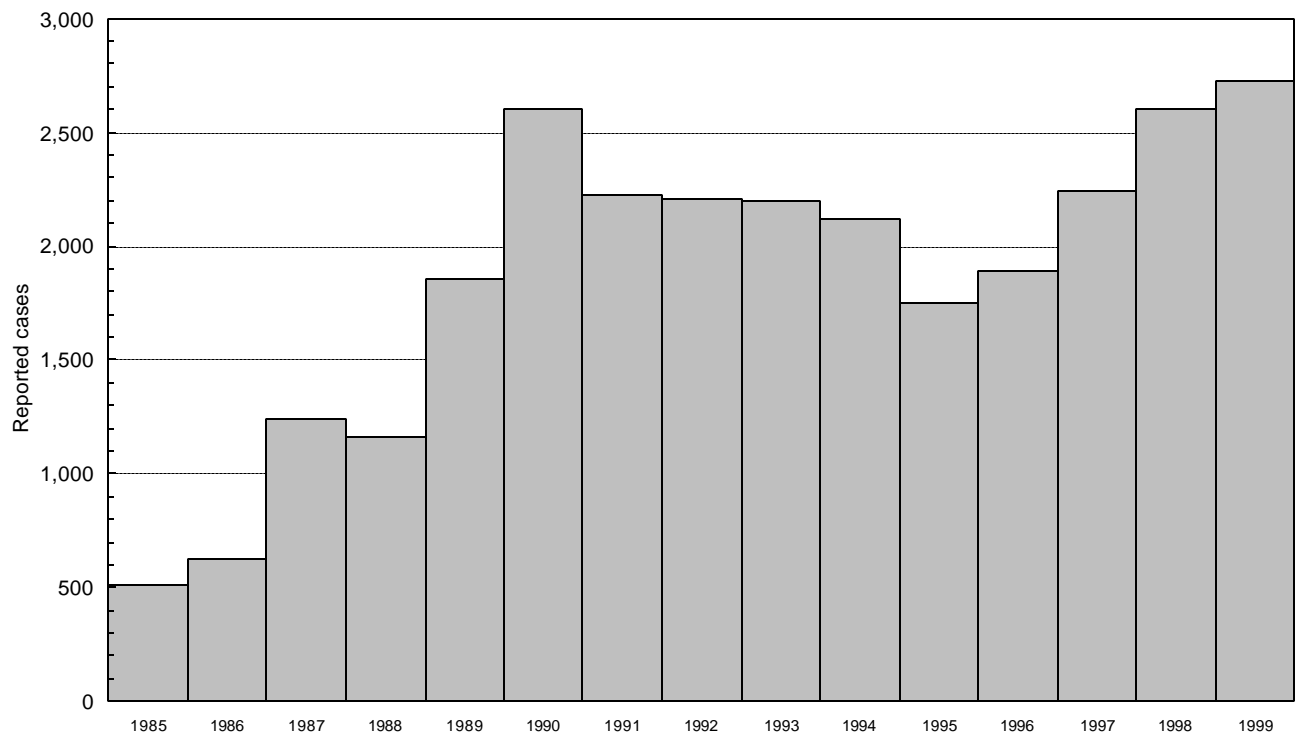


Figure 15. Reported chlamydia cases, San Francisco, 1985-1999. Note: chlamydia became a reportable disease in 1989. Note: the Public Health Laboratory implemented nucleic acid amplification testing in Fall 1996.

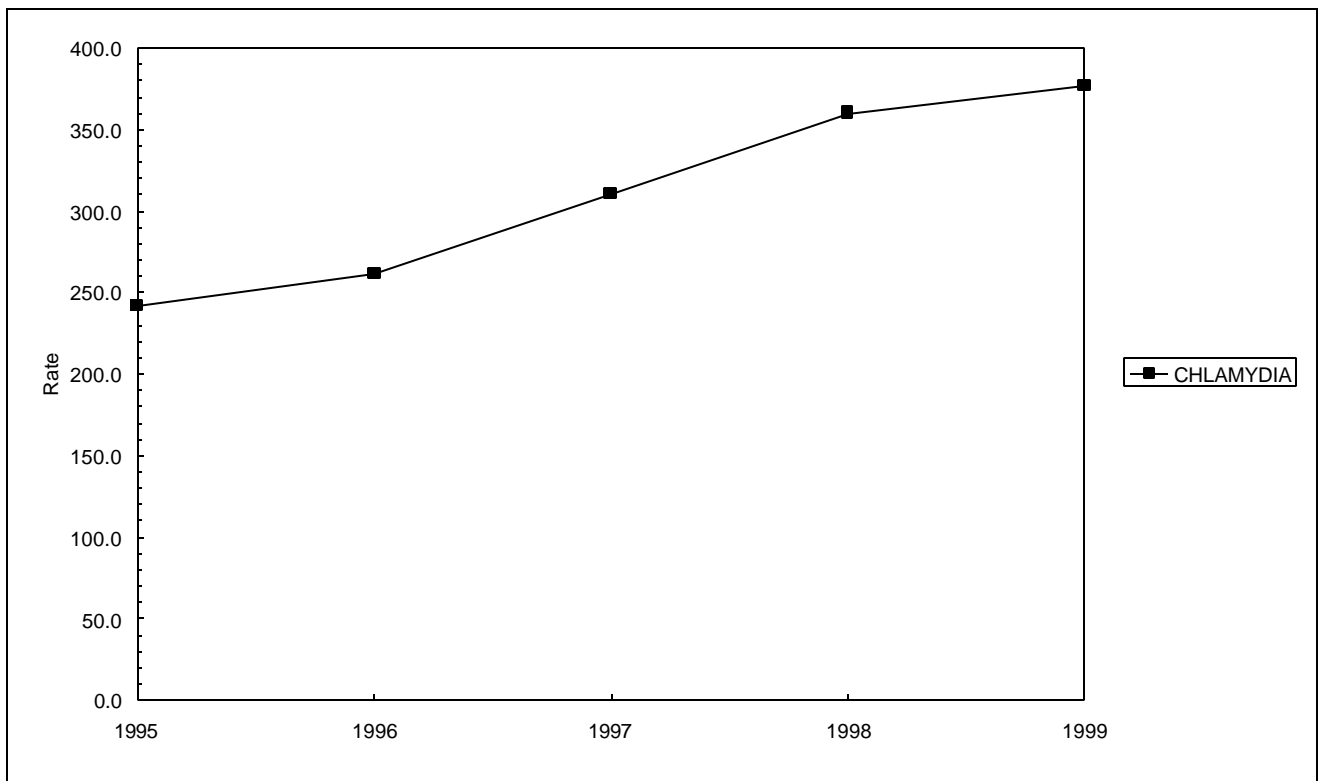


Figure 16. Chlamydia rates, San Francisco, 1995-1999.

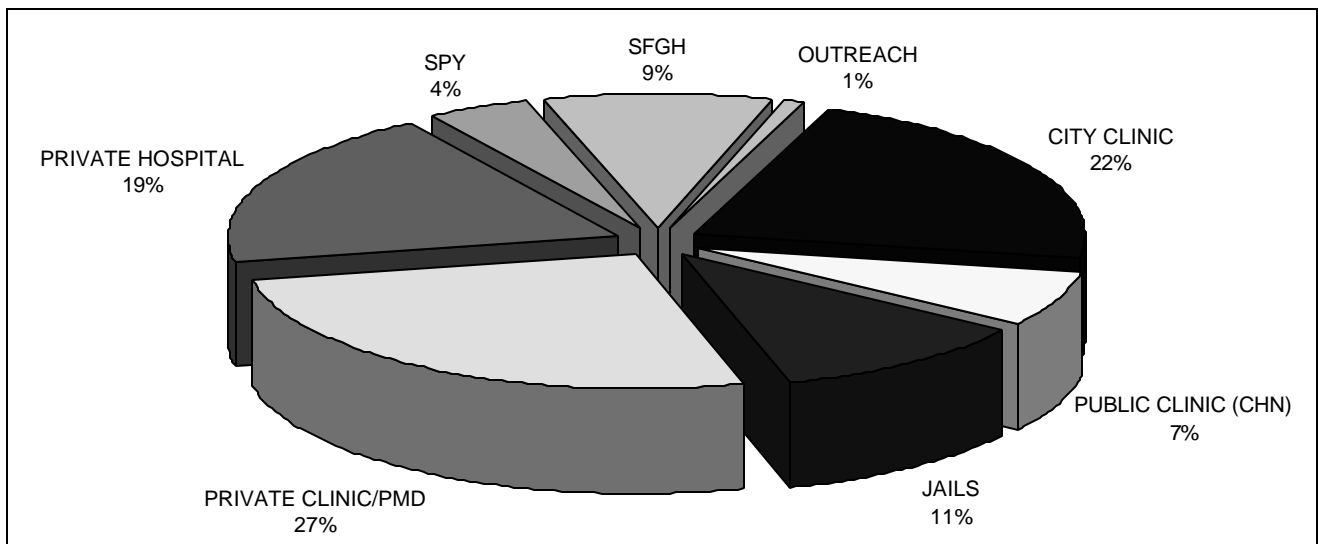


Figure 17. Chlamydia cases by health care provider for 1999. "SPY" includes cases identified through Special Programs for Youth (Youth Guidance Center, Larkin Street Youth Center, and Cole Street Clinic). "CHN" refers to the Community Health Network. "Jails" includes inmates screened and cases from Jail Medical Services. Not included: 93 cases reported by providers outside San Francisco jurisdiction .

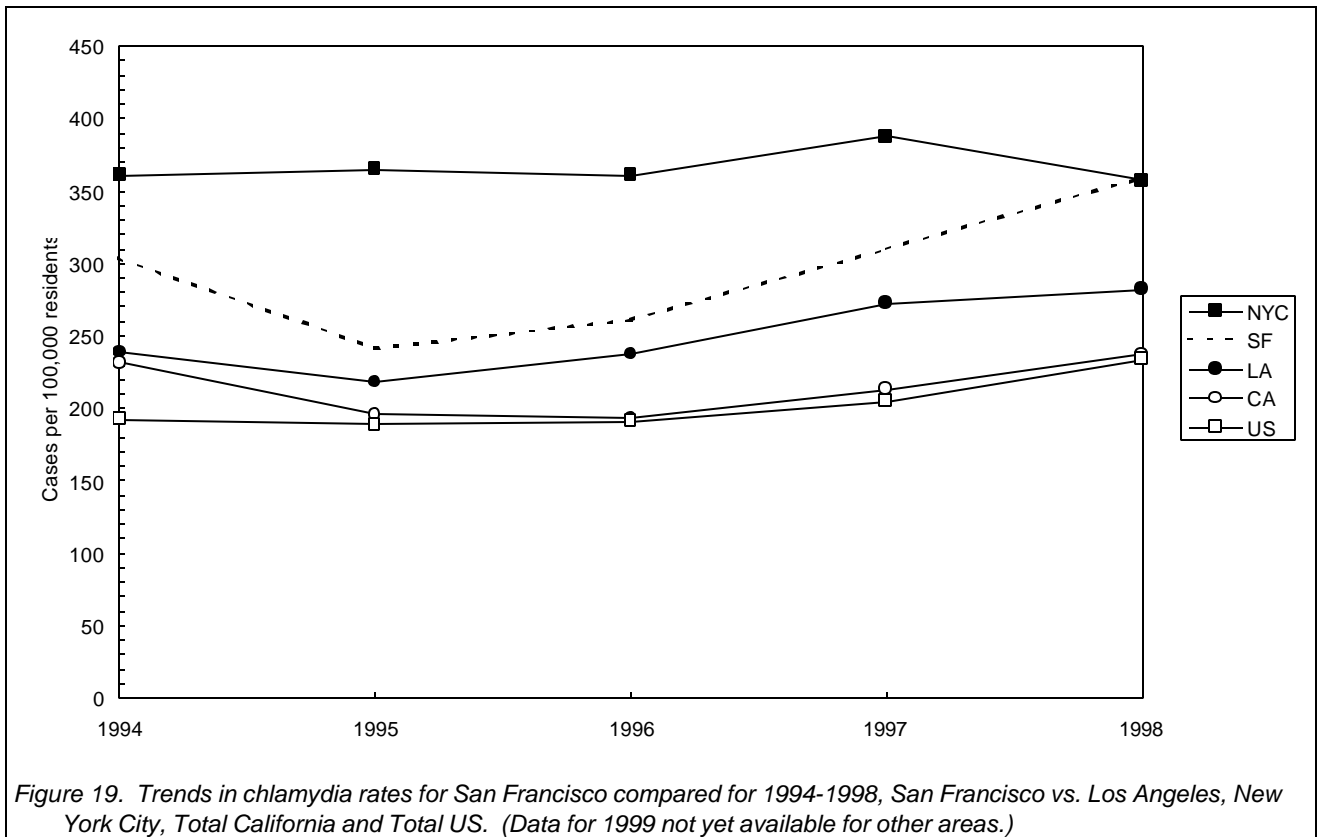
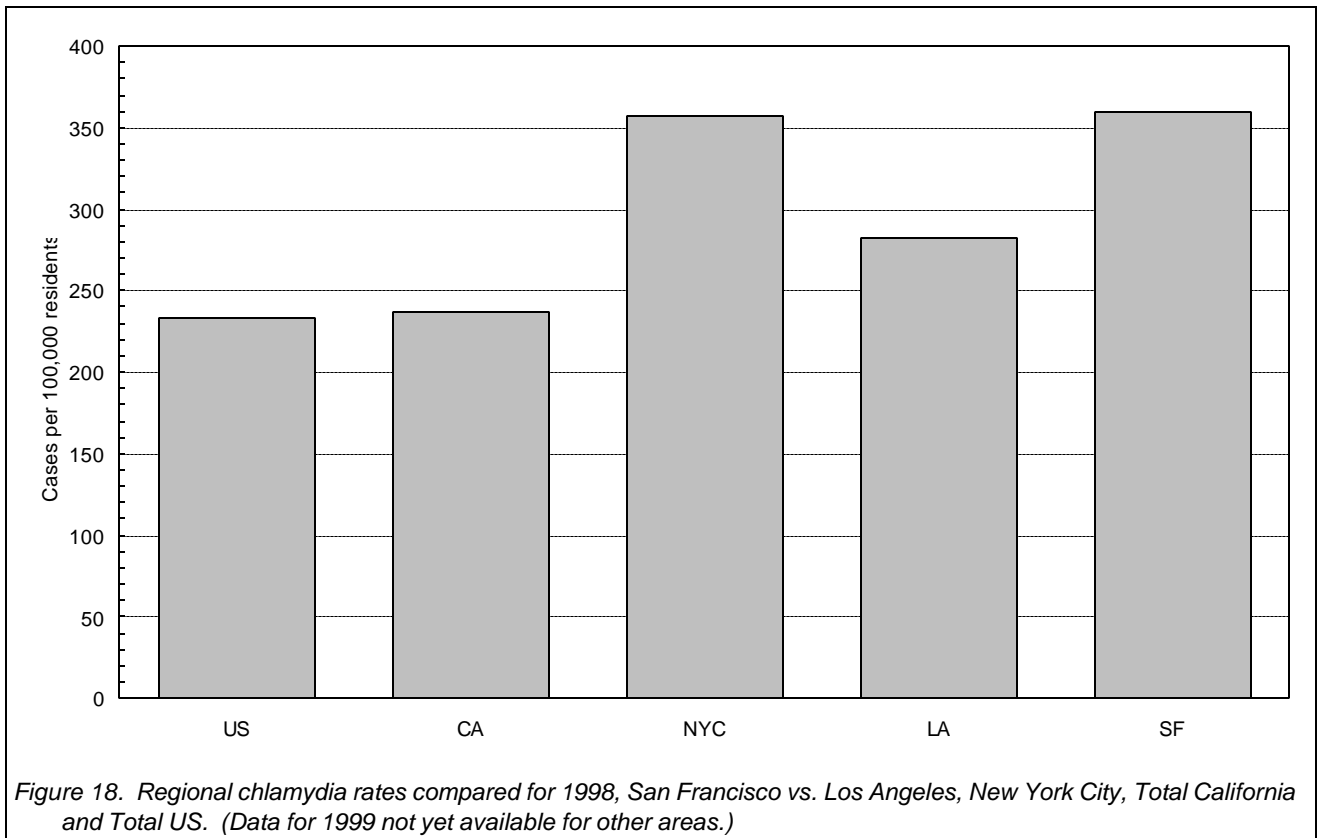


Table 7. Chlamydia cases by health care provider, San Francisco, 1995-1999.

Reporting source	Reported cases					Percent of reports				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
OOJ PROVIDERS	62	58	73	60	93	3.5%	3.0%	3.2%	2.3%	3.4%
CITY CLINIC	350	333	363	538	586	20.0%	17.6%	16.1%	20.6%	21.5%
PUBLIC CLINIC (CHN)	78	91	159	177	181	4.4%	4.8%	7.0%	6.8%	6.6%
JAILS	14	66	234	275	287	0.8%	3.4%	10.4%	10.5%	10.5%
PRIVATE CLINIC/PMD	458	593	594	640	694	26.2%	31.3%	26.4%	24.5%	25.4%
PRIVATE HOSPITAL	540	486	493	469	500	30.9%	25.7%	21.9%	18.0%	18.3%
SPEC PROG YOUTH	70	90	145	177	114	4.0%	4.7%	6.4%	6.8%	4.1%
SFGH	172	156	169	238	243	9.8%	8.2%	7.5%	9.1%	8.9%
OUTREACH	3	17	14	28	25	0.1%	0.8%	0.6%	1.0%	0.9%
(ALL PROVIDERS)	1,747	1,890	2,244	2,602	2,723	100%	100%	100%	100%	100%

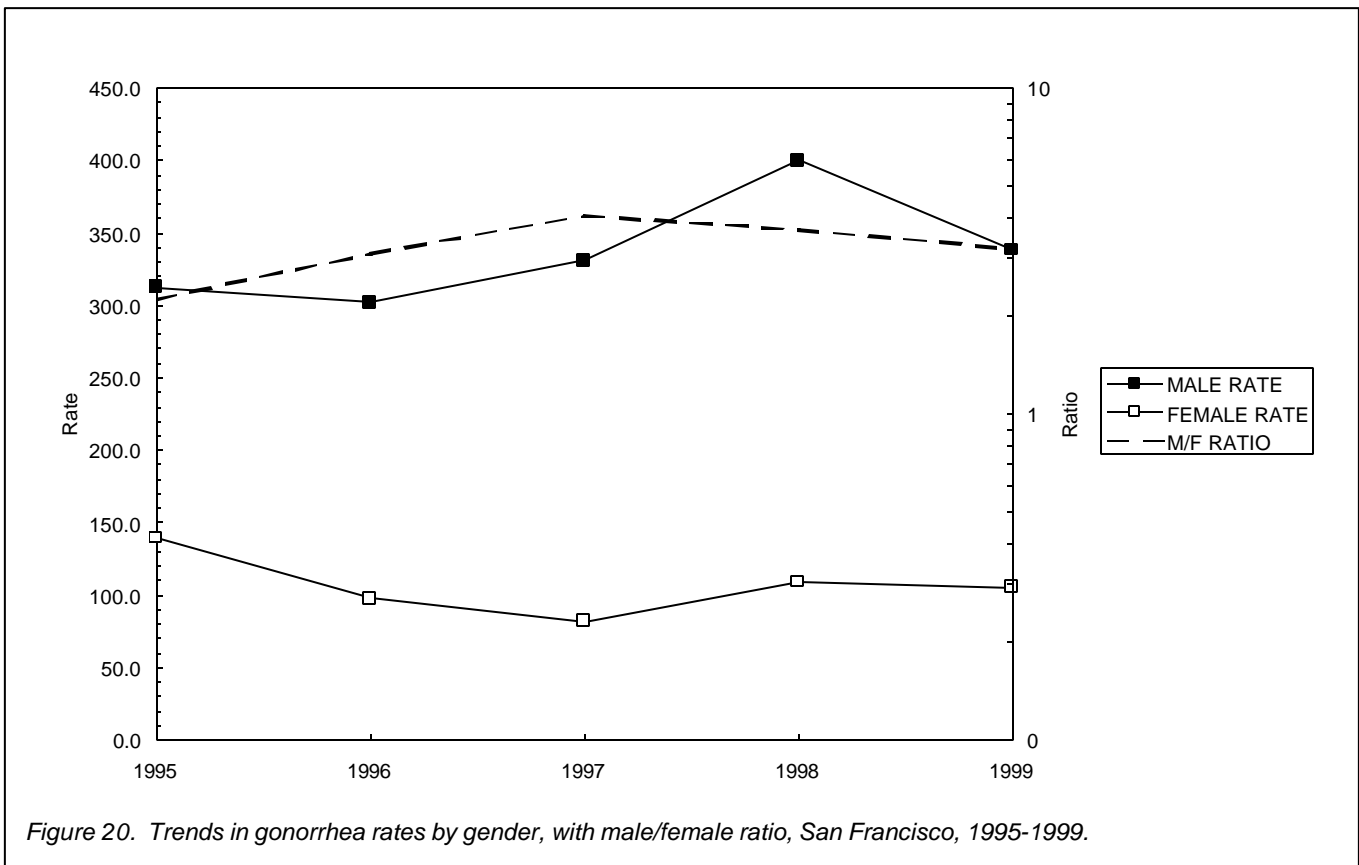
D. Gender

Rates of gonorrhea and early syphilis are higher for men, while chlamydia rates are higher for women. The rate of gonorrhea for men in 1999 decreased 18 percent from that of 1998. A small decrease (3 percent) also was observed among women.

Part of the difference by gender for chlamydia is likely to be an artifact of testing: screening programs have targeted women because of adverse reproductive outcomes of untreated infection such as pelvic inflammatory disease, chronic pelvic pain, and infertility. Some of the difference is due to physiological differences that make women more susceptible to chlamydia infection.

However, the gap in chlamydia rates by gender is closing, with a steeper increase in chlamydia rates found in men (Figure 21). Since 1995, chlamydia rates have increased by 16 percent in women while they have increased by 180 percent in men. This is a result of increased screening in asymptomatic men with the availability of non-invasive, urine-based tests. Before urine-based nucleic acid amplification testing technology was available, there was no convenient test to screen asymptomatic men for chlamydia; adoption of this test in Fall 1996 is probably responsible for the increasing male-to-female ratio for chlamydia.

There was a 25 percent increase in early syphilis among men between 1998 and 1999, while the rate among women has fallen since 1997. During 1999, there were ten (10) cases in men for every case in women; this was the greatest ratio of male to female syphilis cases over the last five years.



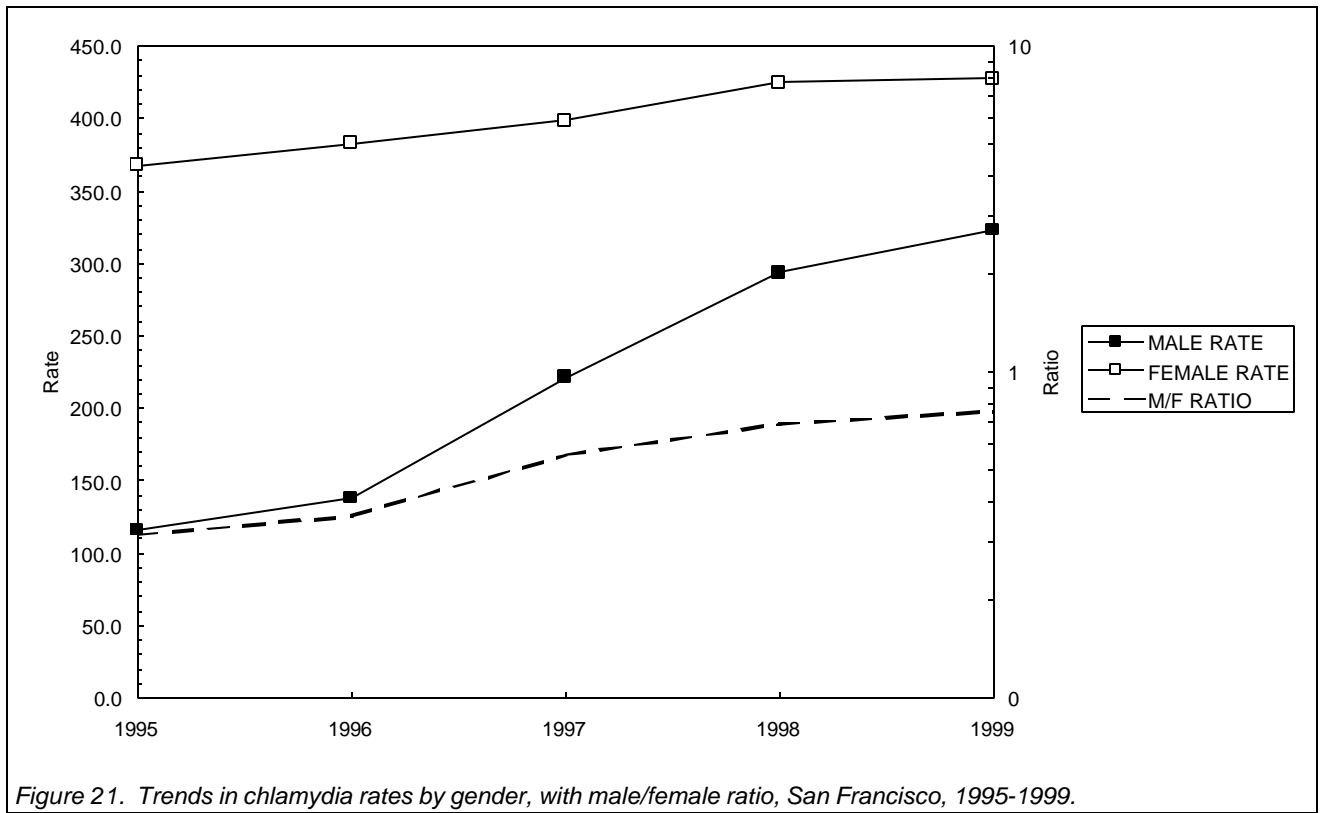


Figure 21. Trends in chlamydia rates by gender, with male/female ratio, San Francisco, 1995-1999.

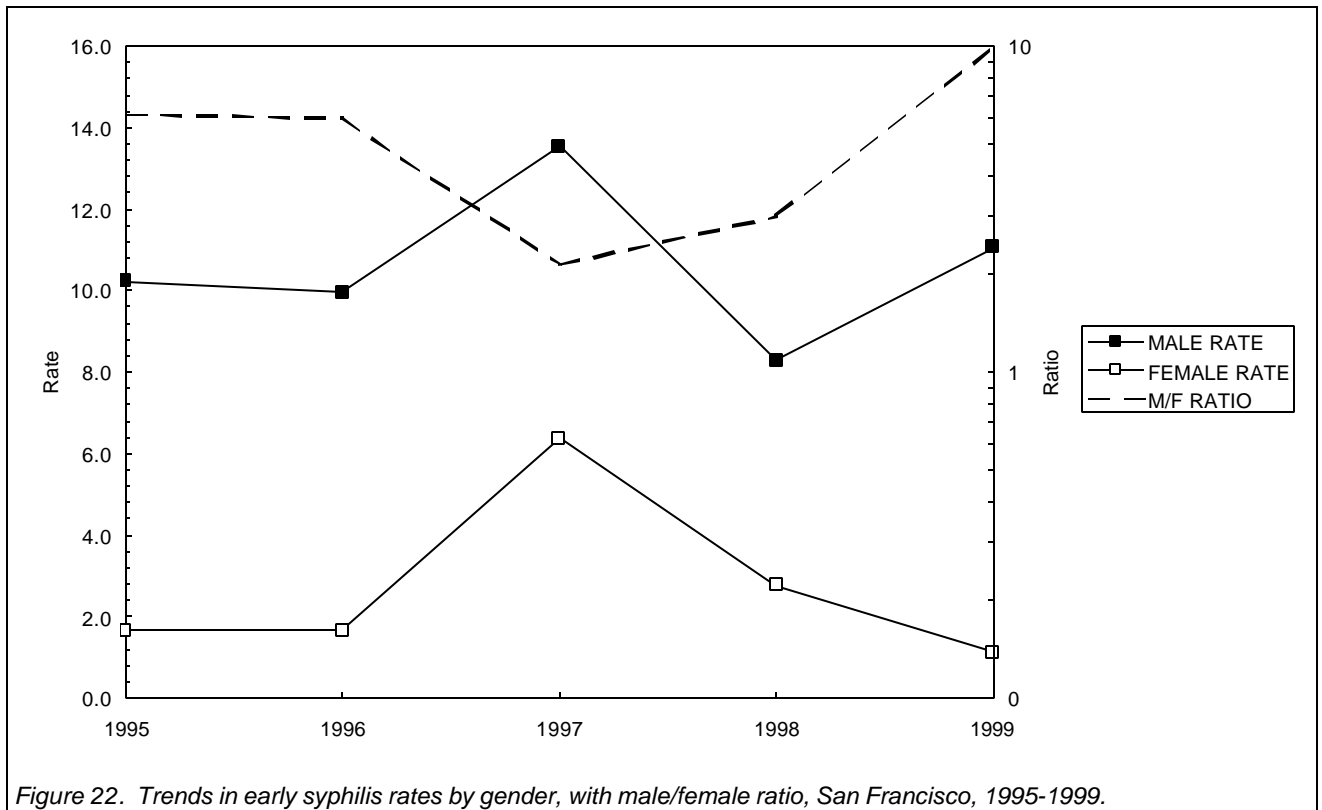


Figure 22. Trends in early syphilis rates by gender, with male/female ratio, San Francisco, 1995-1999.

Table 8. STD cases and rates by disease and gender, San Francisco, 1995-1999.

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender (BOTH SEXES)	1,747	1,890	2,244	2,602	2,723	241.3	261.1	310.0	359.4	376.1
FEMALE	1,326	1,381	1,439	1,533	1,543	366.8	382.1	398.1	424.1	426.9
MALE	420	500	801	1,062	1,169	115.9	137.9	221.0	293.0	322.5

Cases of GONORRHEA

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender (BOTH SEXES)	1,634	1,448	1,495	1,844	1,608	225.7	200.0	206.5	254.7	222.1
FEMALE	503	352	295	394	381	139.2	97.4	81.6	109.0	105.4
MALE	1,131	1,093	1,198	1,447	1,224	312.0	301.5	330.5	399.2	337.7

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender (BOTH SEXES)	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
FEMALE	6	6	23	10	4	1.7	1.7	6.4	2.8	1.1
MALE	37	36	49	30	40	10.2	9.9	13.5	8.3	11.0

Table 9. Male/female ratios by disease, San Francisco, 1995-1999.

	Male/female ratio				
	1995	1996	1997	1998	1999
Cases of CHLAMYDIA	0.32	0.36	0.56	0.69	0.76
GONORRHEA	2.25	3.11	4.06	3.67	3.21
EARLY SYPHILIS	6.17	6.00	2.13	3.00	10.00

E. Race and Ethnicity

The relative order of race-specific rates is the same for gonorrhea, early syphilis, and chlamydia: rates for African Americans are highest, two to eight times the rates for whites; rates for whites and Asians and Pacific Islanders are lowest, while rates for Native Americans and Hispanics are between whites and African Americans. Aside from changes in the position of rates for Native Americans due to the number of cases in this small population, this order has remained the same for each disease over the past five years.

Differences in race-specific rates are greatest for chlamydia, where rates for African Americans are nearly eight times the rates for whites. Chlamydia rates increased among African Americans between 1996 and 1998 and then decreased by 8 percent in 1999. The increase among African Americans between 1996 and 1998 might be explained in part by increased screening among males in the jail setting, where African Americans are disproportionately represented. However, screening in the jails was further expanded in 1999, but no further increase in chlamydia rates was seen among African Americans. This suggests that the observed decline in reported cases represents a true decline in the African American population, rather than an artifact of changed screening practices.

Gonorrhea decreases were seen in all racial/ethnic groups except for Hispanics.

The gonorrhea rate for African Americans in San Francisco in 1999 (737.5) remained below the original *Healthy People for the Year 2000* objectives for gonorrhea of 1300 and above the revised objective of 650 cases per 100,000. However, the P&S syphilis rate (9.2) was below both the original objective of 65 and the revised objective of 30.

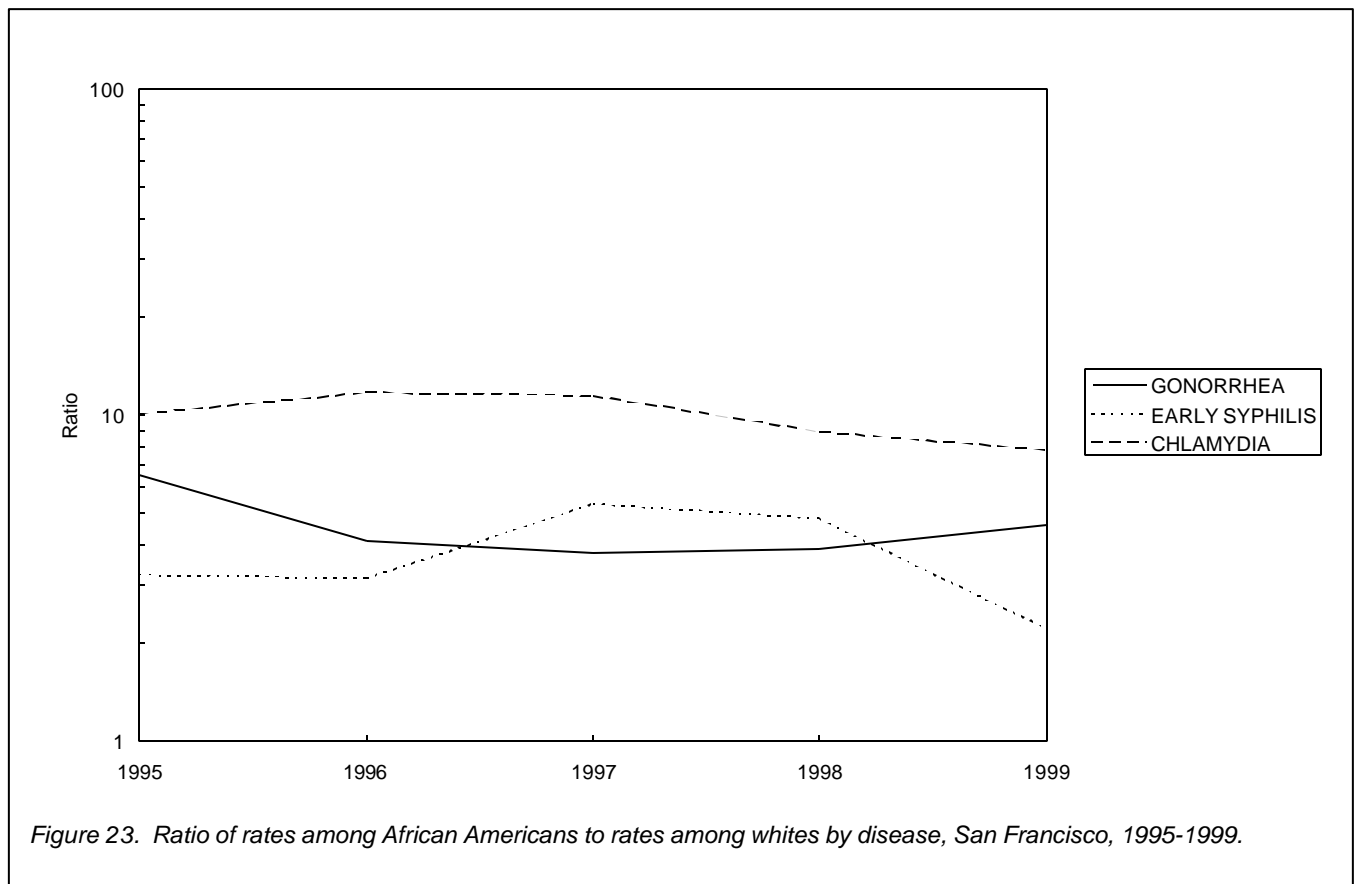


Figure 23. Ratio of rates among African Americans to rates among whites by disease, San Francisco, 1995-1999.

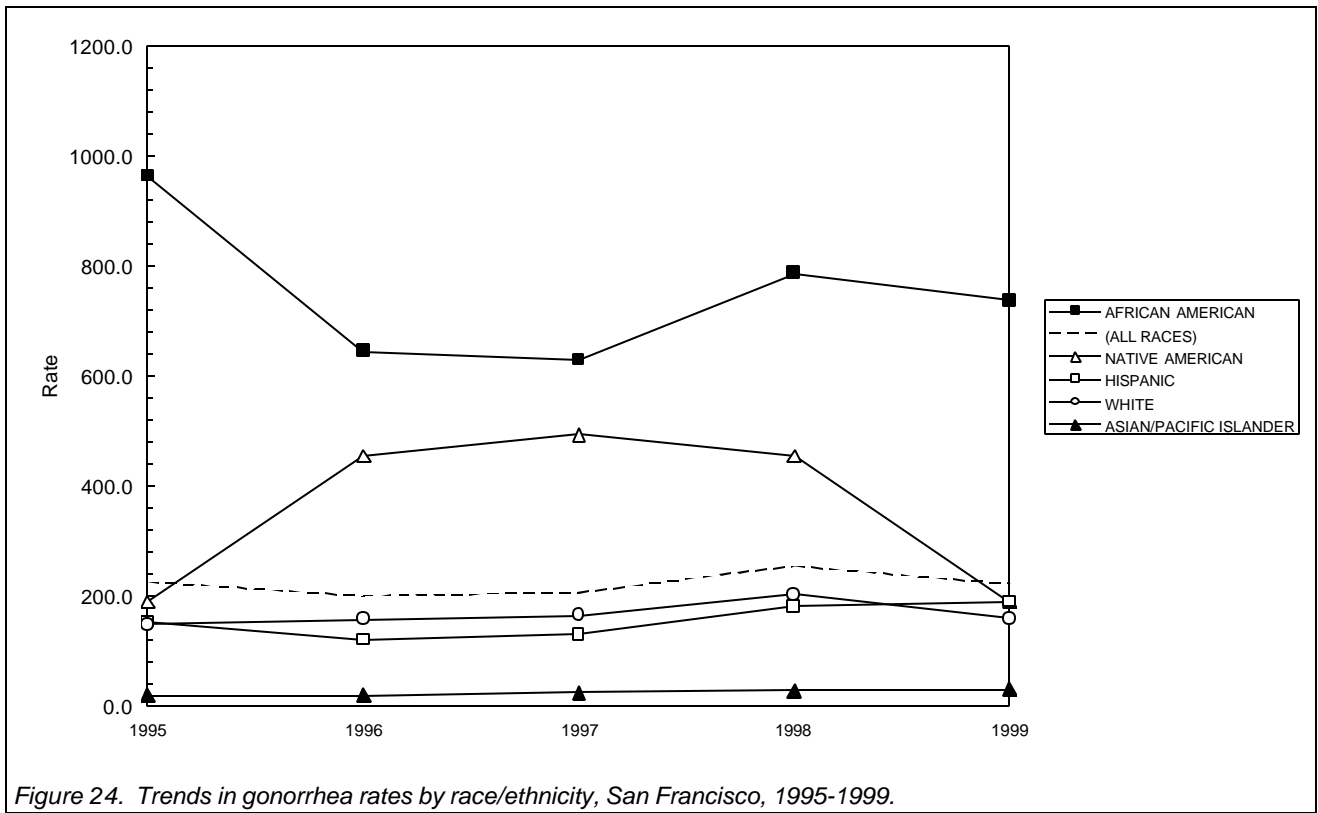


Figure 24. Trends in gonorrhea rates by race/ethnicity, San Francisco, 1995-1999.

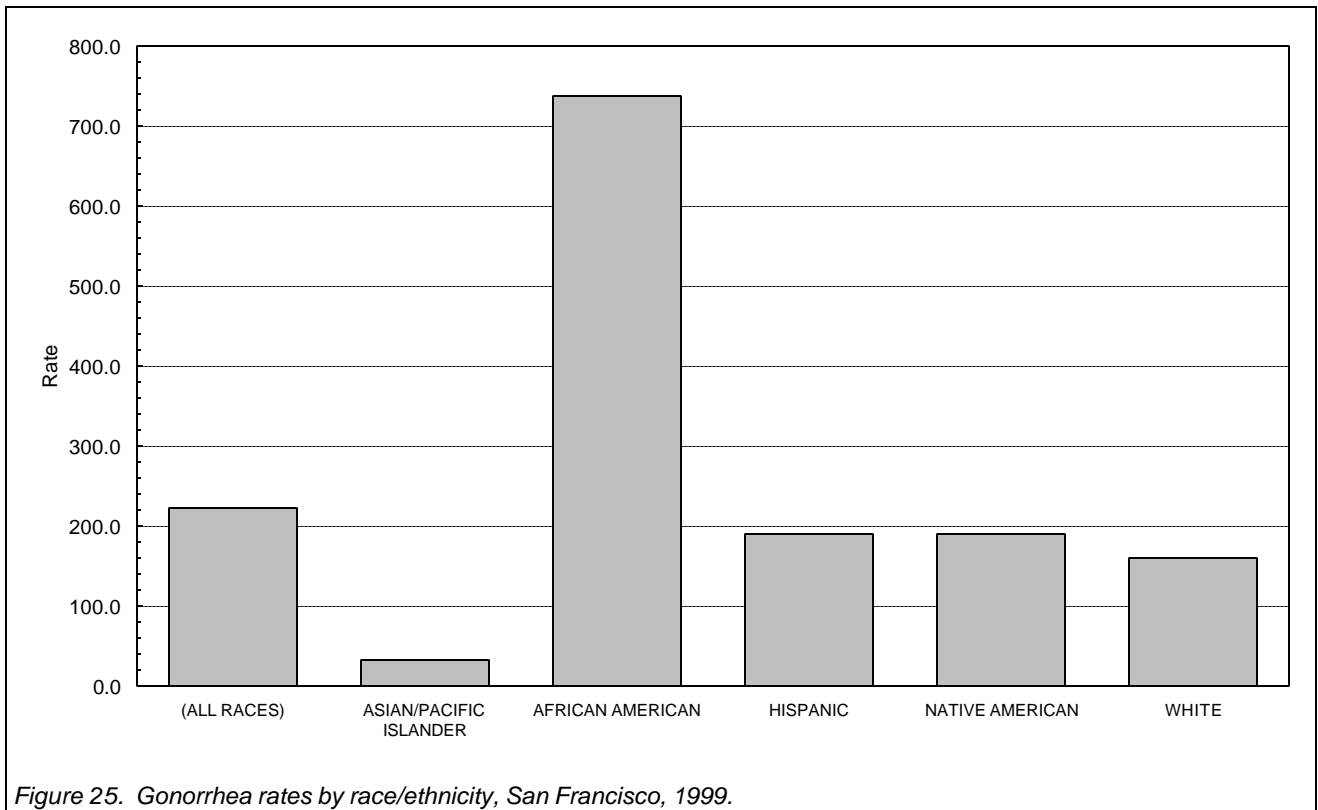


Figure 25. Gonorrhea rates by race/ethnicity, San Francisco, 1999.

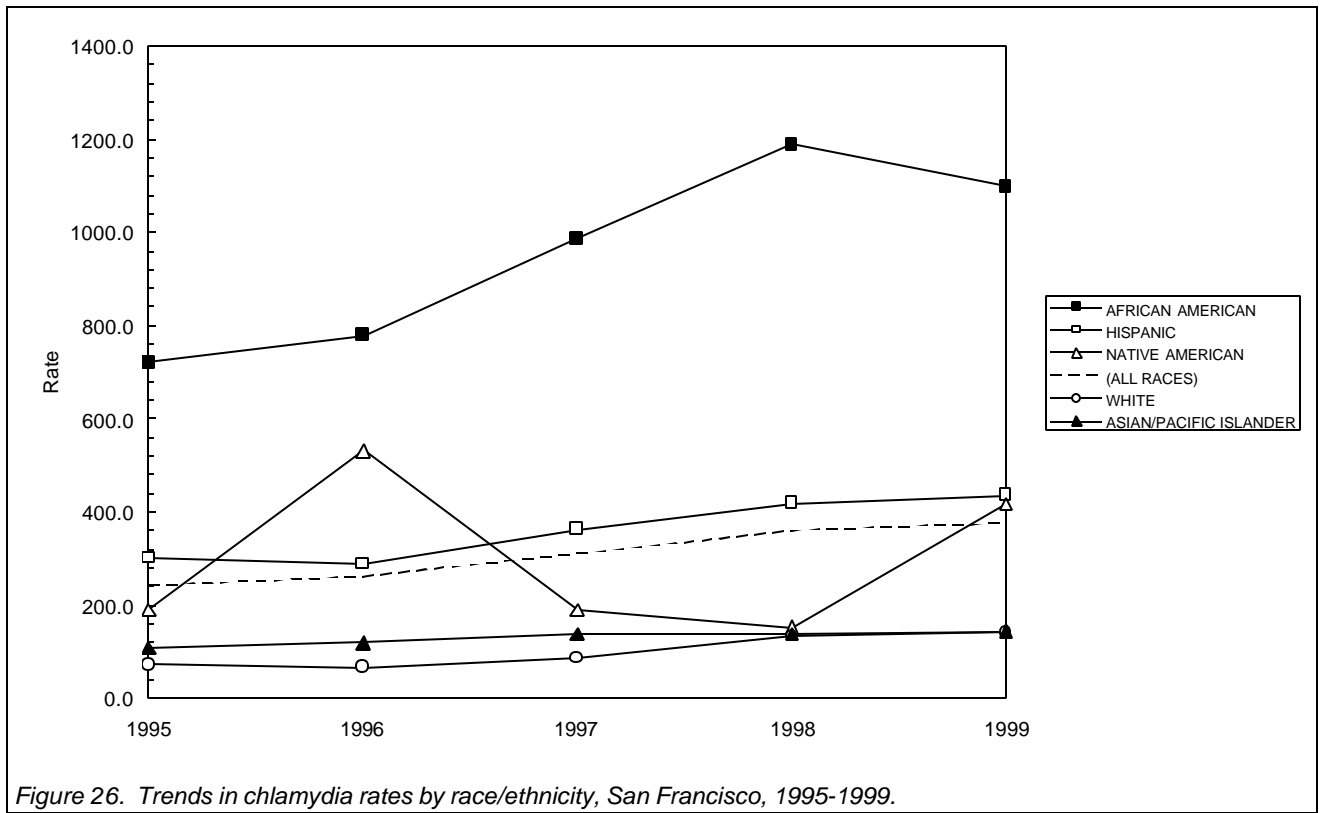


Figure 26. Trends in chlamydia rates by race/ethnicity, San Francisco, 1995-1999.

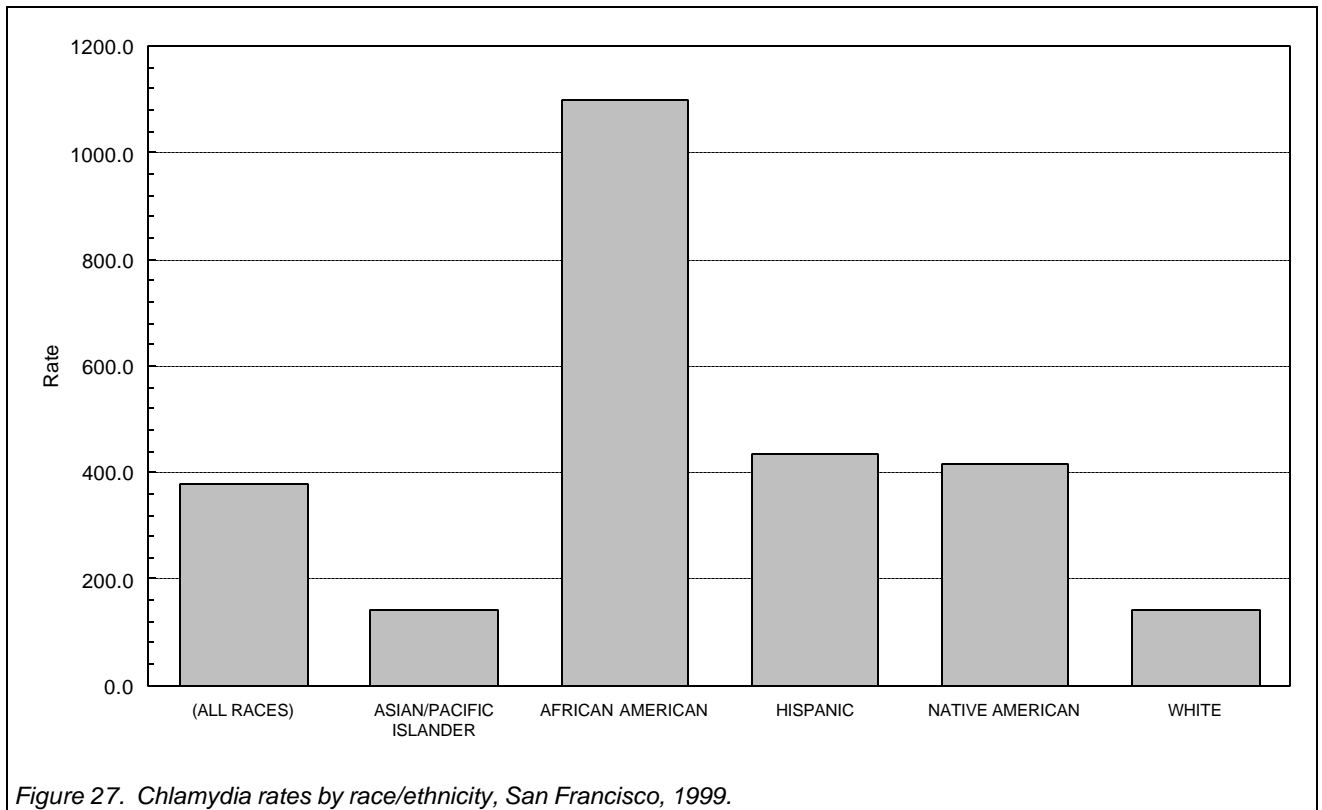


Figure 27. Chlamydia rates by race/ethnicity, San Francisco, 1999.

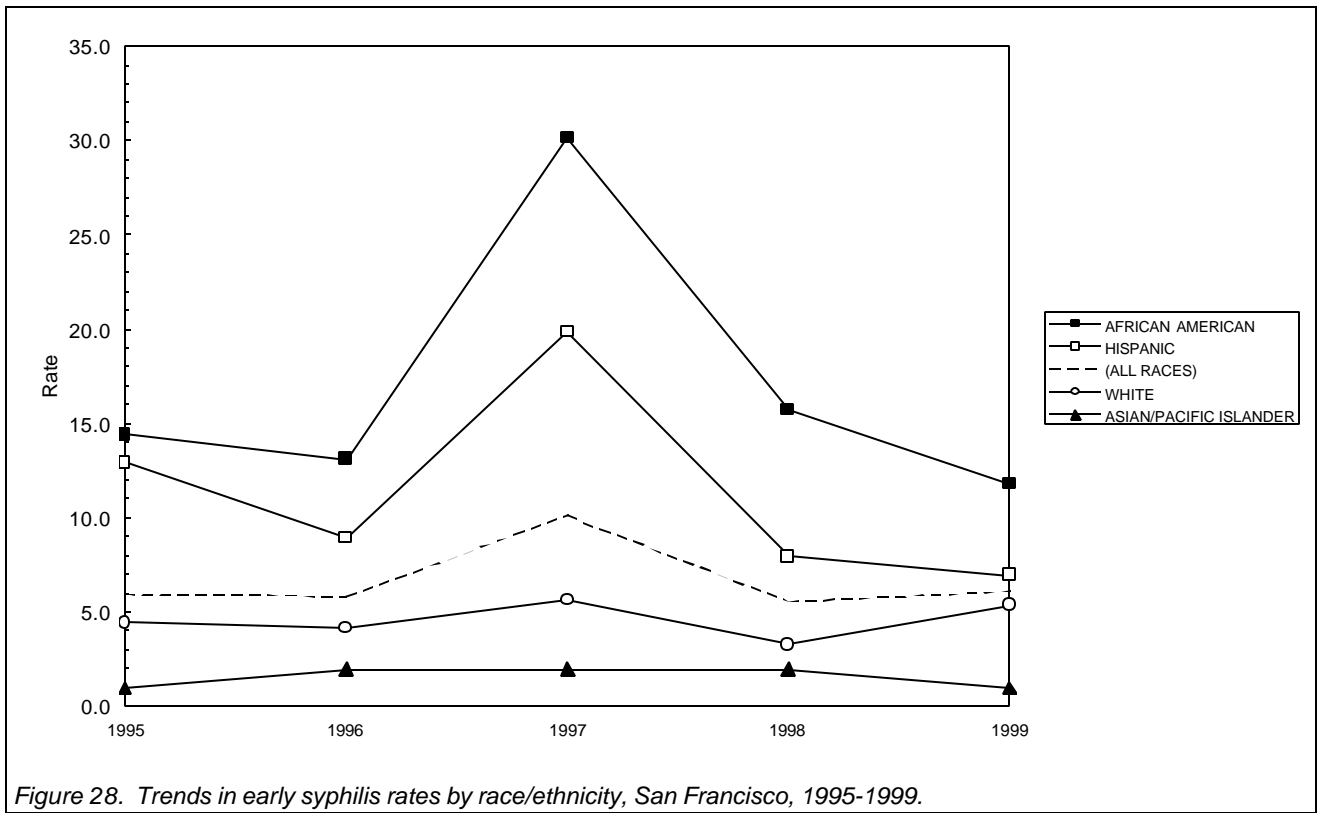


Figure 28. Trends in early syphilis rates by race/ethnicity, San Francisco, 1995-1999.

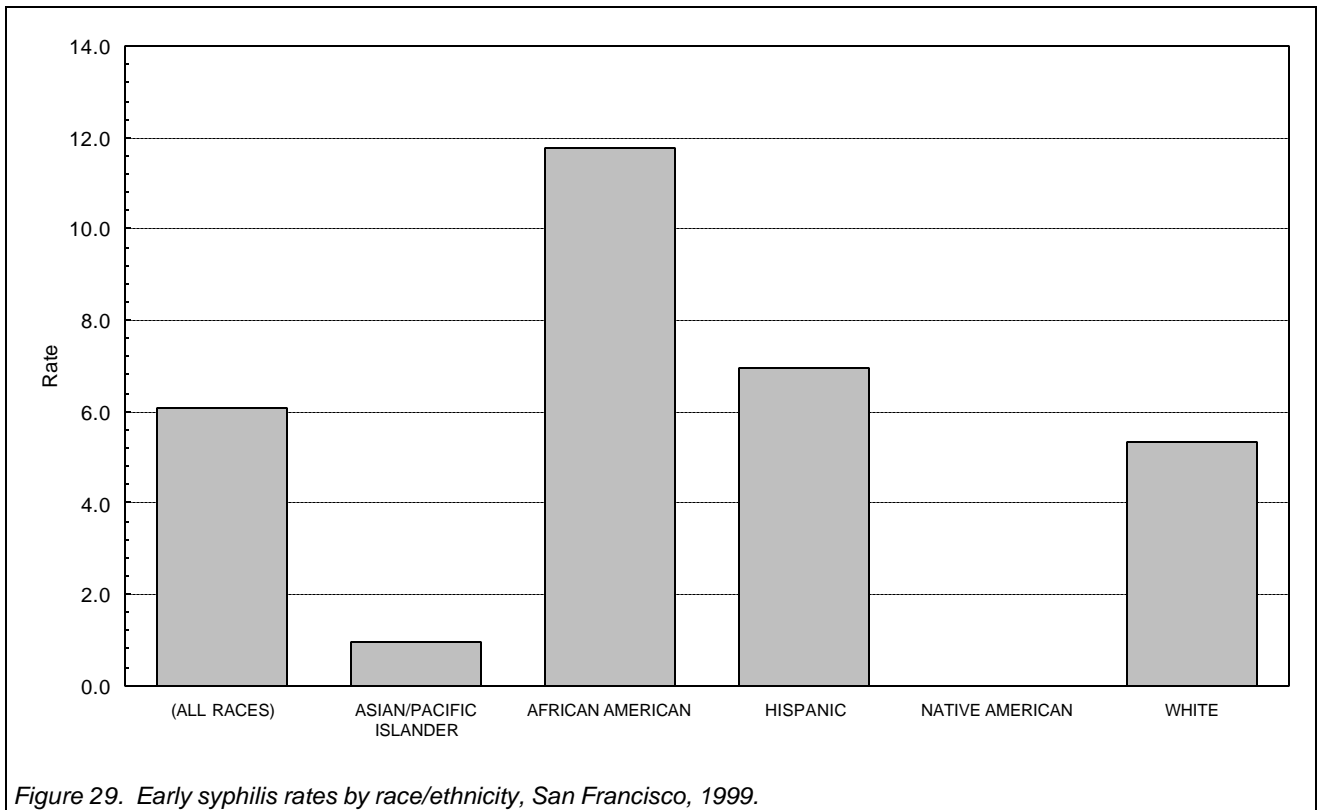


Figure 29. Early syphilis rates by race/ethnicity, San Francisco, 1999.

Table 10. STD cases and rates by disease and race/ethnicity, San Francisco, 1995-1999.

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Race/ethnicity (ALL RACES)	1,747	1,890	2,244	2,602	2,723	241.3	261.1	310.0	359.4	376.1
ASIAN	222	245	283	283	294	107.9	119.1	137.6	137.6	142.9
BLACK	550	595	754	907	838	720.4	779.4	987.6	1188.1	1097.7
HISPANIC	303	290	365	421	439	300.8	287.9	362.4	418.0	435.9
NATIVE AMERICAN	5	14	5	4	11	189.8	531.3	189.8	151.8	417.5
WHITE	241	224	290	450	473	71.5	66.4	86.0	133.5	140.3

Cases of GONORRHEA

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Race/ethnicity (ALL RACES)	1,634	1,448	1,495	1,844	1,608	225.7	200.0	206.5	254.7	222.1
ASIAN	41	40	52	58	63	19.9	19.4	25.3	28.2	30.6
BLACK	736	493	481	601	563	964.1	645.8	630.1	787.2	737.5
HISPANIC	155	122	132	182	191	153.9	121.1	131.1	180.7	189.6
NATIVE AMERICAN	5	12	13	12	5	189.8	455.4	493.4	455.4	189.8
WHITE	499	532	559	685	539	148.0	157.8	165.8	203.2	159.9

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Race/ethnicity (ALL RACES)	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
ASIAN	2	4	4	4	2	1.0	1.9	1.9	1.9	1.0
BLACK	11	10	23	12	9	14.4	13.1	30.1	15.7	11.8
HISPANIC	13	9	20	8	7	12.9	8.9	19.9	7.9	7.0
NATIVE AMERICAN	0	2	1	1	0	0.0	75.9	38.0	38.0	0.0
WHITE	15	14	19	11	18	4.4	4.2	5.6	3.3	5.3

Table 11. Ratio of STD rates among African Americans to rates among whites, San Francisco, 1995-1999.

	Male/white ratio				
	1995	1996	1997	1998	1999
Cases of CHLAMYDIA	10.08	11.73	11.48	8.90	7.82
GONORRHEA	6.51	4.09	3.80	3.87	4.61
EARLY SYPHILIS	3.24	3.15	5.35	4.82	2.21

F. Age

STD rates are highly dependent on age and vary by gender. Overall rates of chlamydia are highest among 15-19 year-olds and decrease with age, while early syphilis rates peak among 35-39 year-olds. Gonorrhea rates remain fairly constant until ages 35-39, and then decrease sharply.

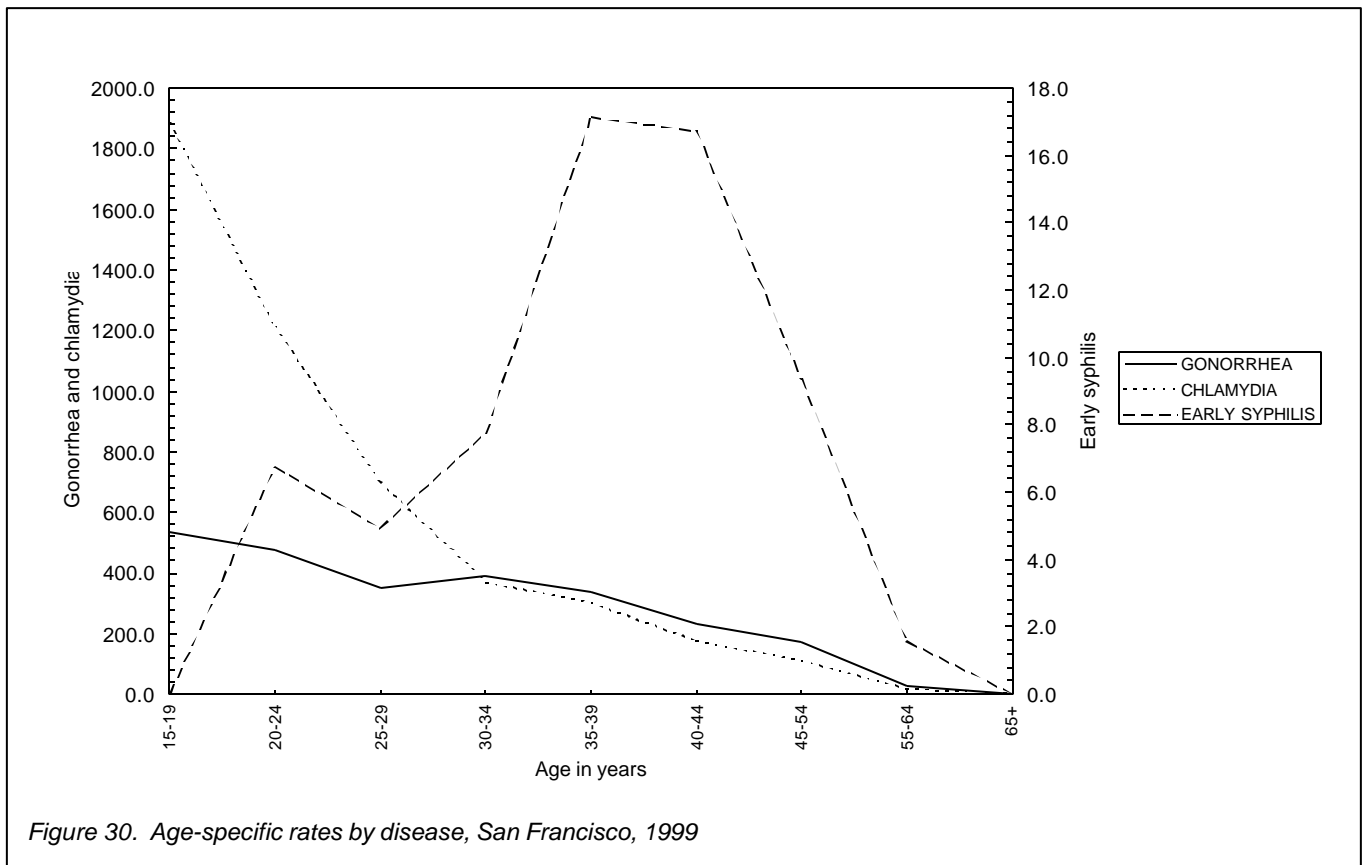
Chlamydia age-specific rates vary by gender. Among females, the rate is highest for 15-19 year olds, while among males the rate peaks at 20-24 years of age. (This age distribution by gender for chlamydia is supported by our detention screening data as well; see Figure 105.) The later peak in age for males may be due to partnering patterns among heterosexuals, where men are often about two years older than their female partner. Physiological factors also make younger women more susceptible to infection.

Chlamydia rates were fairly stable by age group between 1998 and 1999, with a slight decrease (3 percent) observed among 15-19 year olds. Gonorrhea rates decreased among persons 25 years and older, but increased among those younger than 25 years. (The significance of these differences is discussed in the summary at the beginning of this document.)

Significant differences in age-specific rates are seen between men and women for gonorrhea: the male gonorrhea rates peaks at age 20-24 years and again among 30-34 year-olds, while the female rate peaks among 15-19 year-olds.

The gonorrhea rate for women 15-44 years old (193.6) increased from last year, but remained below the original *Healthy People for the Year 2000* objective of 290 cases per 100,000 women per year and the revised goal of 175.

The age distribution of male syphilis cases mirrors that observed for gonorrhea, with a small peak among 20-24 year old males and a higher peak among males 35-44 years. (Since there were only 4 cases among women, there is insufficient data to comment on the age distribution of syphilis among women.)



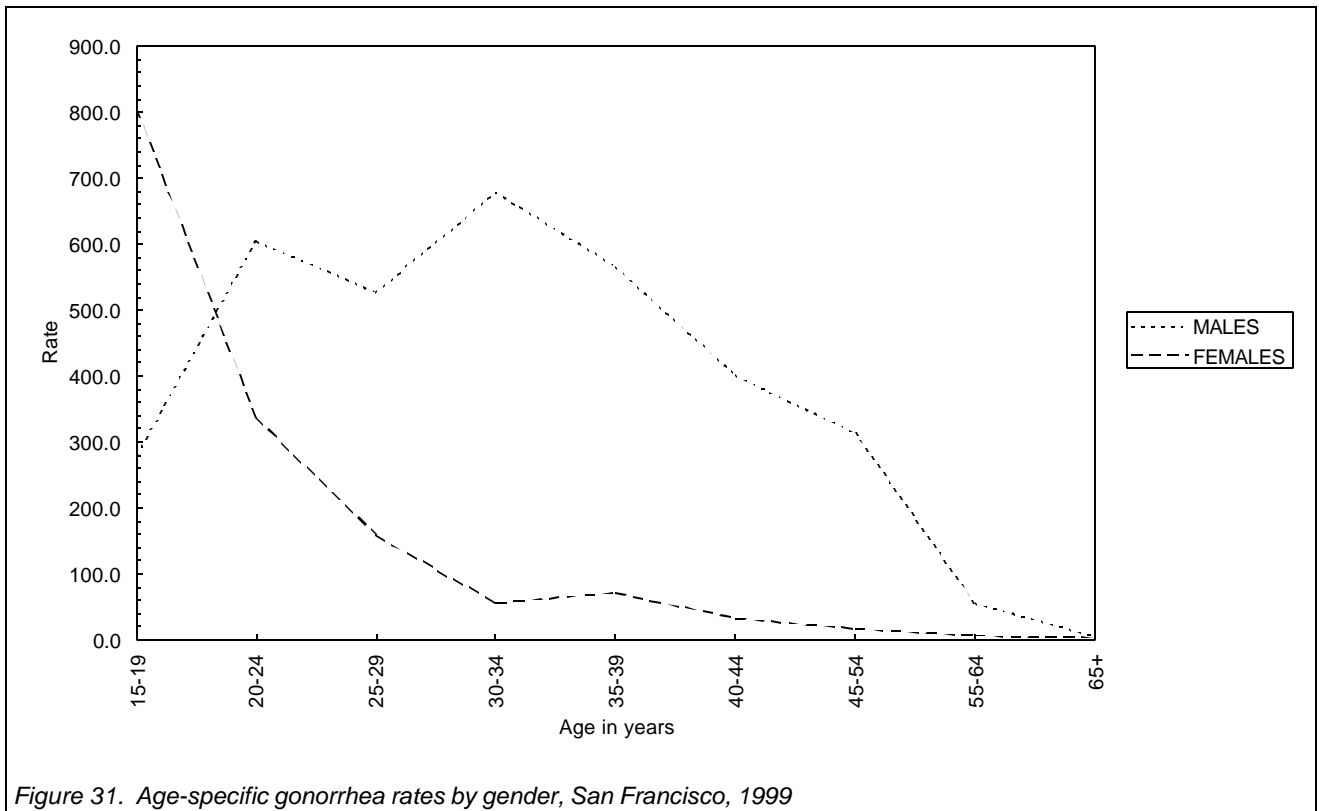


Figure 31. Age-specific gonorrhea rates by gender, San Francisco, 1999

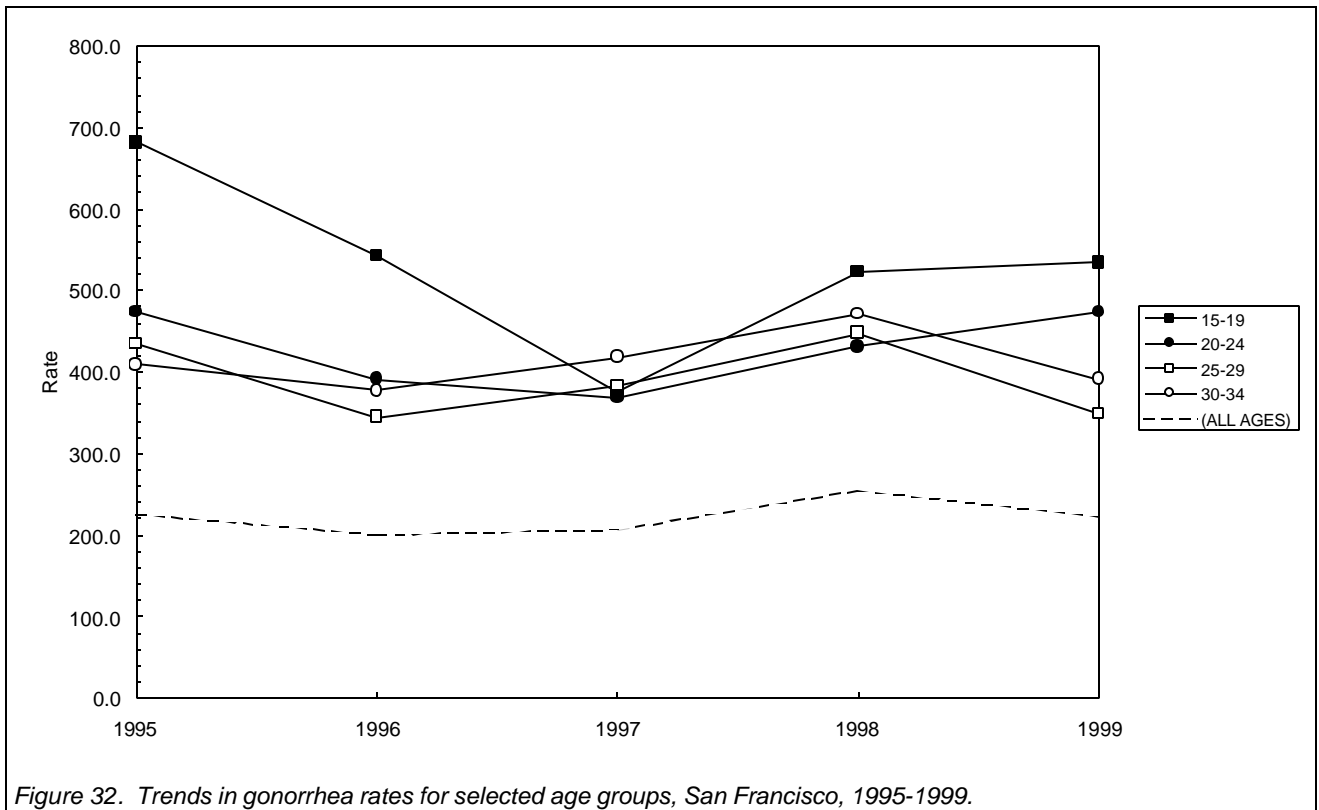


Figure 32. Trends in gonorrhea rates for selected age groups, San Francisco, 1995-1999.

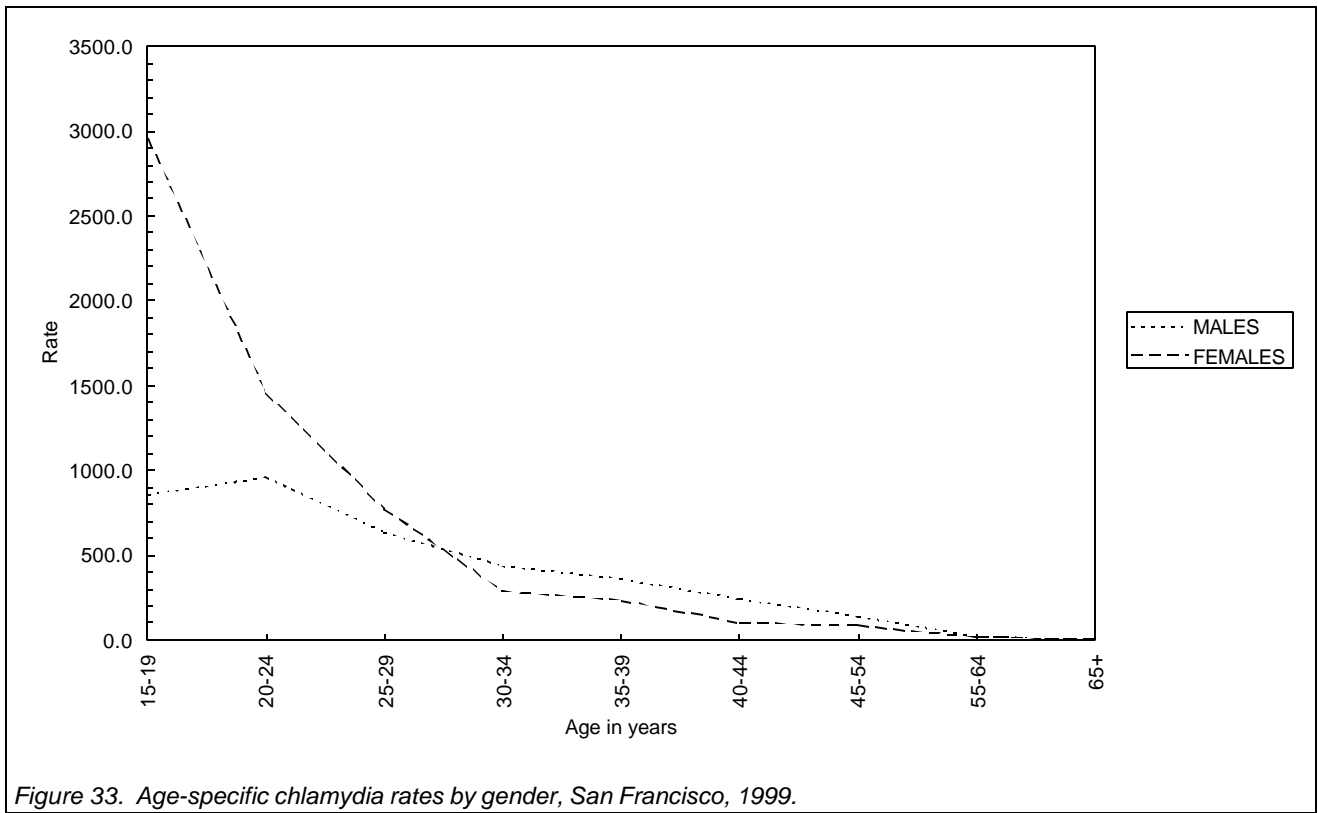


Figure 33. Age-specific chlamydia rates by gender, San Francisco, 1999.

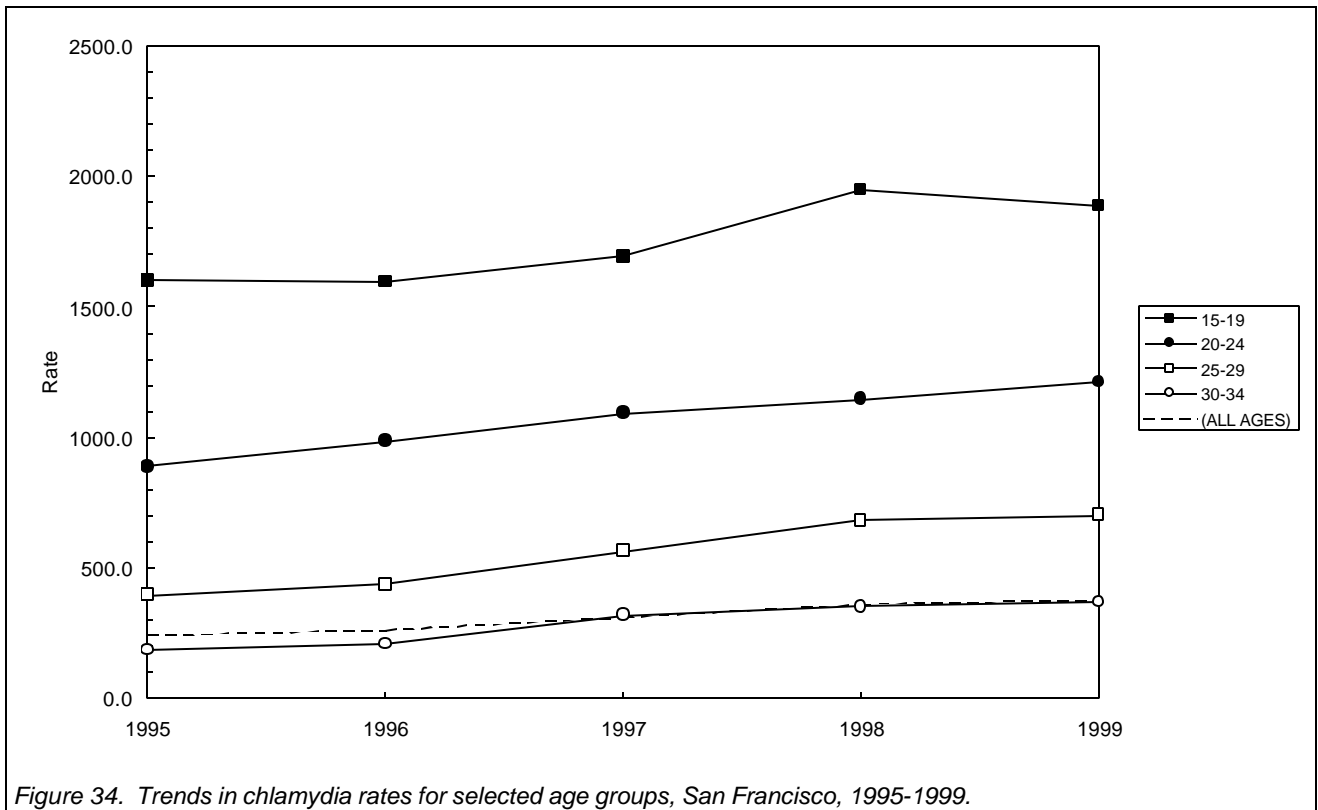


Figure 34. Trends in chlamydia rates for selected age groups, San Francisco, 1995-1999.

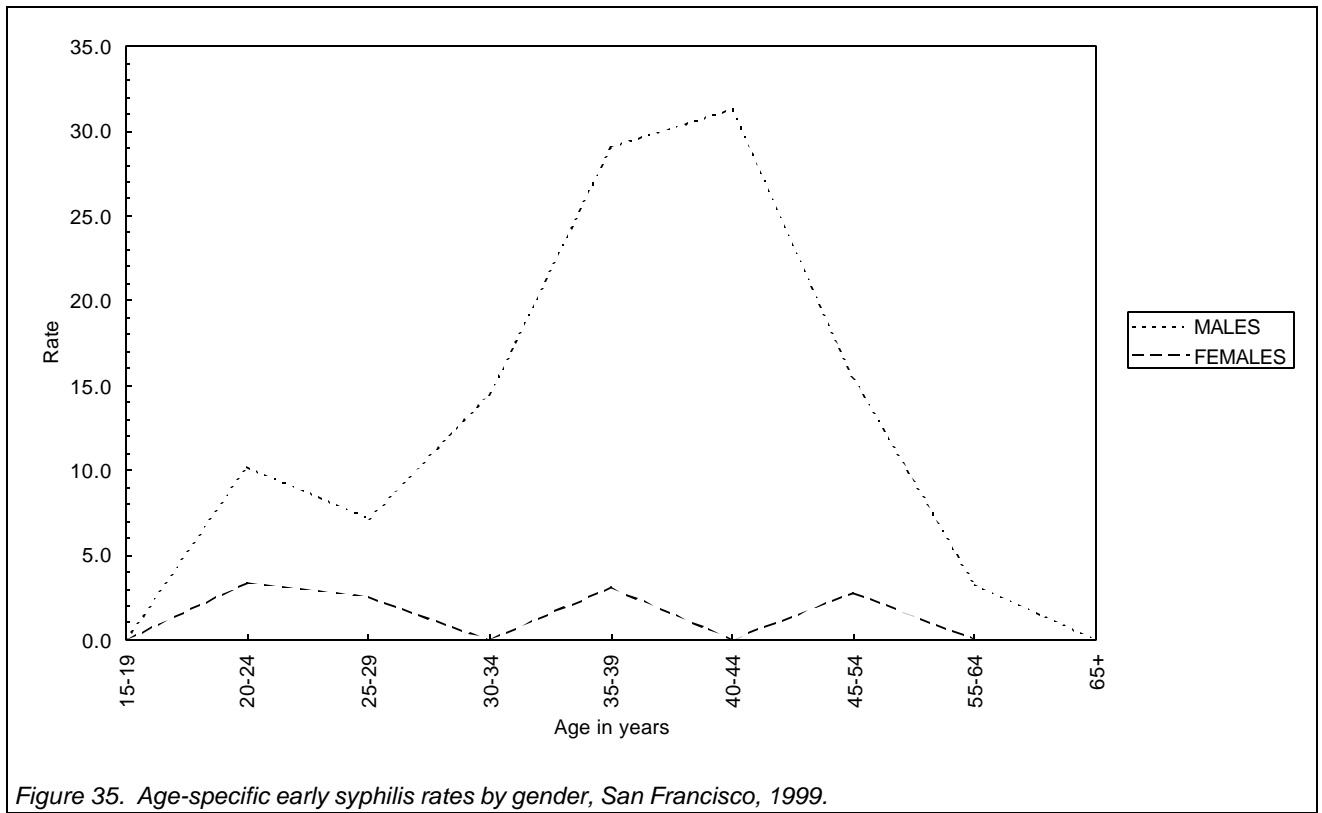


Figure 35. Age-specific early syphilis rates by gender, San Francisco, 1999.

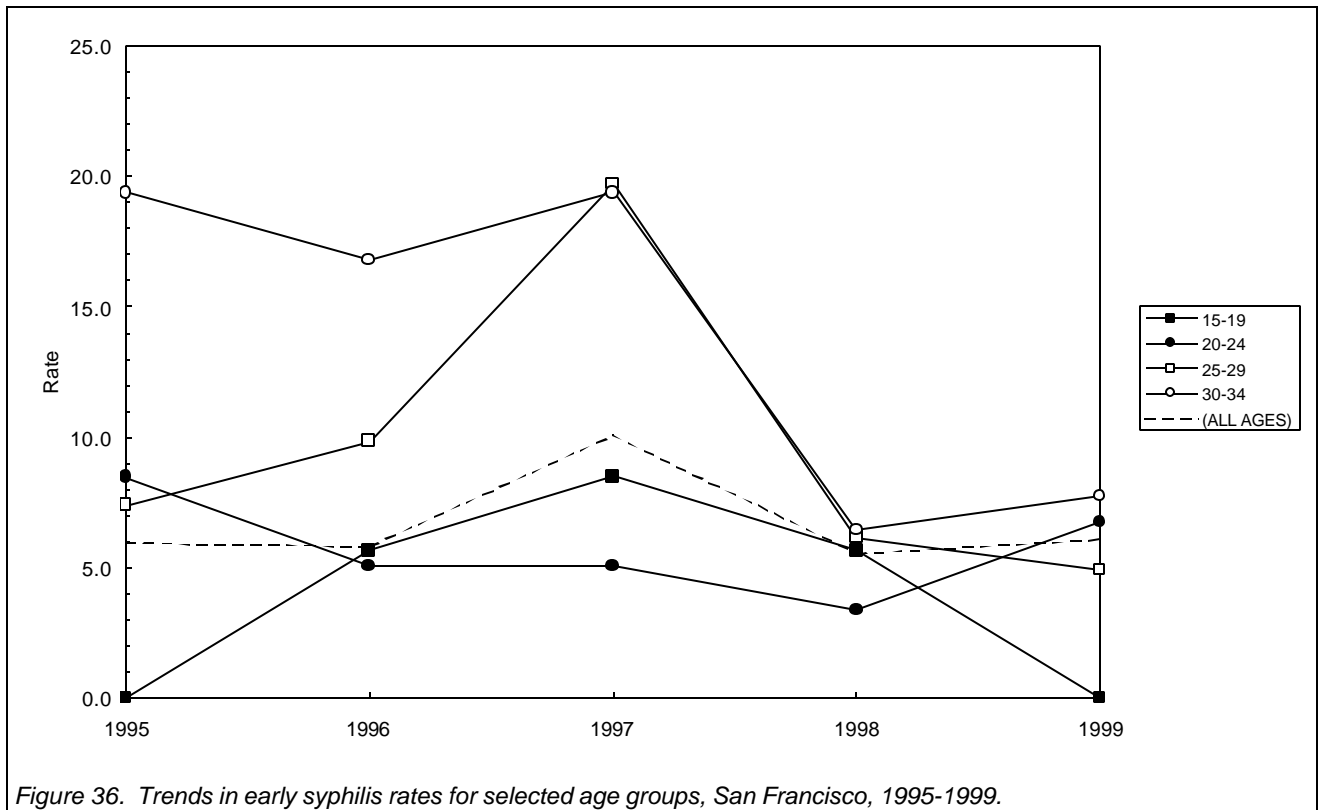


Figure 36. Trends in early syphilis rates for selected age groups, San Francisco, 1995-1999.

Table 12. STD cases and rates by disease, gender and age group, San Francisco, 1995-1999.

Cases of CHLAMYDIA

		Reported cases					Incidence rate				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender	Age group										
(BOTH)	(ALL)	1,747	1,890	2,244	2,602	2,723	241.3	261.1	310.0	359.4	376.1
	15-19 YRS	566	564	599	689	667	1600.6	1594.9	1693.9	1948.4	1886.2
	20-24 YRS	525	582	646	677	716	888.3	984.7	1093.0	1145.5	1211.4
	25-29 YRS	320	354	458	552	570	394.4	436.3	564.4	680.3	702.5
	30-34 YRS	143	160	245	271	286	184.8	206.7	316.6	350.2	369.6
	35-39 YRS	78	65	104	170	212	111.3	92.8	148.4	242.6	302.6
	40-44 YRS	34	39	53	104	105	56.9	65.2	88.7	174.0	175.6
	45-54 YRS	14	30	35	51	84	18.7	40.1	46.8	68.1	112.2
	55-64 YRS	4	3	9	5	11	6.3	4.7	14.2	7.9	17.3
	65+ YRS	2	4	11	6	2	1.9	3.8	10.4	5.7	1.9
FEMALE	(ALL)	1,326	1,381	1,439	1,533	1,543	366.8	382.1	398.1	424.1	426.9
	15-19 YRS	484	482	451	520	507	2823.3	2811.6	2630.8	3033.3	2957.5
	20-24 YRS	410	420	421	432	433	1382.6	1416.3	1419.7	1456.8	1460.1
	25-29 YRS	210	230	263	263	302	536.2	587.3	671.6	671.6	771.2
	30-34 YRS	94	98	136	109	103	262.1	273.3	379.3	304.0	287.2
	35-39 YRS	46	33	51	76	75	142.9	102.5	158.4	236.0	232.9
	40-44 YRS	19	24	27	44	28	68.3	86.3	97.1	158.2	100.7
	45-54 YRS	7	12	12	19	30	19.5	33.5	33.5	53.0	83.6
	55-64 YRS	3	3	4	2	5	9.1	9.1	12.2	6.1	15.2
	65+ YRS	1	4	7	1	2	1.6	6.3	11.1	1.6	3.2
MALE	(ALL)	420	500	801	1,062	1,169	115.9	137.9	221.0	293.0	322.5
	15-19 YRS	82	80	148	165	156	450.1	439.1	812.3	905.6	856.2
	20-24 YRS	115	161	225	244	282	390.5	546.7	764.1	828.6	957.6
	25-29 YRS	110	122	195	288	266	262.0	290.6	464.5	686.0	633.6
	30-34 YRS	49	61	108	161	181	118.0	146.9	260.0	387.7	435.8
	35-39 YRS	32	32	53	94	136	84.5	84.5	140.0	248.2	359.1
	40-44 YRS	15	15	26	60	77	46.9	46.9	81.3	187.7	240.8
	45-54 YRS	7	17	23	32	54	17.9	43.6	59.0	82.1	138.5
	55-64 YRS	1	0	5	3	6	3.3	0.0	16.3	9.8	19.6
	65+ YRS	1	0	4	5	0	2.4	0.0	9.5	11.9	0.0

Cases of GONORRHEA

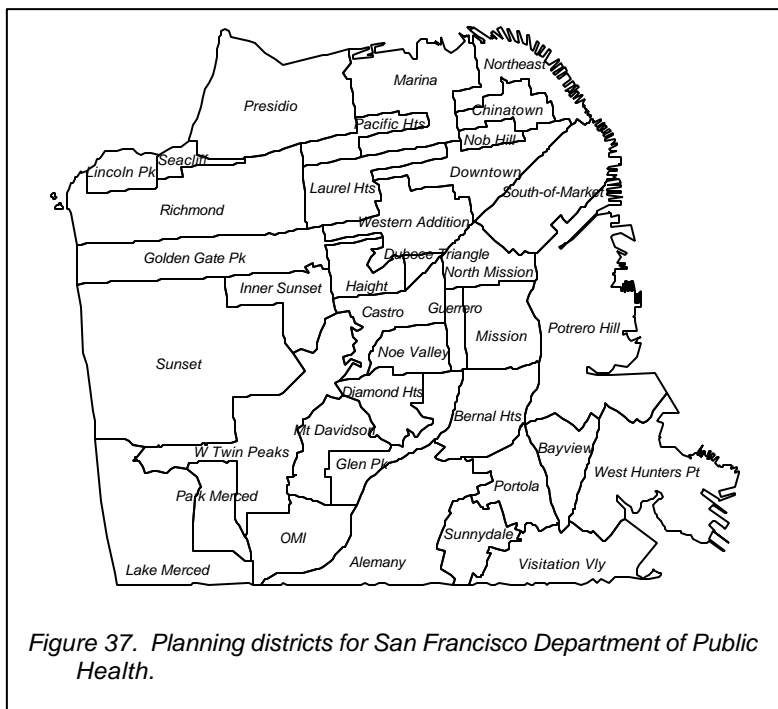
(BOTH)	(ALL)	1,634	1,448	1,495	1,844	1,608	225.7	200.0	206.5	254.7	222.1
	15-19 YRS	241	192	133	185	189	681.5	543.0	376.1	523.2	534.5
	20-24 YRS	280	231	218	255	280	473.7	390.8	368.8	431.5	473.7
	25-29 YRS	353	280	311	363	283	435.0	345.1	383.3	447.4	348.8
	30-34 YRS	317	292	324	365	303	409.6	377.3	418.7	471.6	391.5
	35-39 YRS	195	192	256	318	237	278.3	274.0	365.4	453.8	338.2
	40-44 YRS	125	120	114	184	137	209.1	200.7	190.7	307.8	229.2
	45-54 YRS	70	97	102	106	128	93.5	129.6	136.2	141.6	171.0
	55-64 YRS	14	14	16	20	19	22.0	22.0	25.2	31.5	29.9
	65+ YRS	5	1	4	8	4	4.7	0.9	3.8	7.6	3.8
FEMALE	(ALL)	503	352	295	394	381	139.2	97.4	81.6	109.0	105.4
	15-19 YRS	174	147	78	122	138	1015.0	857.5	455.0	711.7	805.0
	20-24 YRS	132	82	73	85	100	445.1	276.5	246.2	286.6	337.2
	25-29 YRS	76	44	51	62	62	194.1	112.4	130.2	158.3	158.3
	30-34 YRS	44	28	30	37	20	122.7	78.1	83.7	103.2	55.8
	35-39 YRS	24	14	28	30	23	74.5	43.5	87.0	93.2	71.4
	40-44 YRS	20	8	10	20	9	71.9	28.8	36.0	71.9	32.4
	45-54 YRS	4	9	11	6	6	11.2	25.1	30.7	16.7	16.7
	55-64 YRS	0	1	0	1	2	0.0	3.0	0.0	3.0	6.1
	65+ YRS	0	1	1	1	2	0.0	1.6	1.6	1.6	3.2
MALE	(ALL)	1,131	1,093	1,198	1,447	1,224	312.0	301.5	330.5	399.2	337.7
	15-19 YRS	67	45	55	63	51	367.7	247.0	301.9	345.8	279.9
	20-24 YRS	148	148	144	169	178	502.6	502.6	489.0	573.9	604.5
	25-29 YRS	277	236	260	301	221	659.8	562.1	619.3	717.0	526.4
	30-34 YRS	273	264	293	328	282	657.3	635.7	705.5	789.8	679.0
	35-39 YRS	171	178	228	288	214	451.6	470.1	602.1	760.5	565.1
	40-44 YRS	105	111	104	164	128	328.4	347.2	325.3	512.9	400.4
	45-54 YRS	66	88	91	99	122	169.2	225.6	233.3	253.8	312.8
	55-64 YRS	14	13	16	19	17	45.6	42.4	52.2	61.9	55.4
	65+ YRS	5	0	3	7	2	11.9	0.0	7.1	16.6	4.7

(Table 12, continued)

Cases of EARLY SYPHILIS

		Reported cases					Incidence rate				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender	Age group										
(BOTH)	(ALL)	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
	15-19 YRS	0	2	3	2	0	0.0	5.7	8.5	5.7	0.0
	20-24 YRS	5	3	3	2	4	8.5	5.1	5.1	3.4	6.8
	25-29 YRS	6	8	16	5	4	7.4	9.9	19.7	6.2	4.9
	30-34 YRS	15	13	15	5	6	19.4	16.8	19.4	6.5	7.8
	35-39 YRS	11	7	16	12	12	15.7	10.0	22.8	17.1	17.1
	40-44 YRS	2	2	8	2	10	3.3	3.3	13.4	3.3	16.7
	45-54 YRS	3	6	9	8	7	4.0	8.0	12.0	10.7	9.4
	55-64 YRS	0	1	2	4	1	0.0	1.6	3.1	6.3	1.6
	65+ YRS	0	0	1	0	0	0.0	0.0	0.9	0.0	0.0
FEMALE	(ALL)	6	6	23	10	4	1.7	1.7	6.4	2.8	1.1
	15-19 YRS	0	2	2	0	0	0.0	11.7	11.7	0.0	0.0
	20-24 YRS	1	0	2	1	1	3.4	0.0	6.7	3.4	3.4
	25-29 YRS	1	1	5	0	1	2.6	2.6	12.8	0.0	2.6
	30-34 YRS	1	3	5	2	0	2.8	8.4	13.9	5.6	0.0
	35-39 YRS	2	0	4	2	1	6.2	0.0	12.4	6.2	3.1
	40-44 YRS	0	0	3	0	0	0.0	0.0	10.8	0.0	0.0
	45-54 YRS	0	0	2	4	1	0.0	0.0	5.6	11.2	2.8
	55-64 YRS	0	0	0	1	0	0.0	0.0	0.0	3.0	0.0
	65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MALE	(ALL)	37	36	49	30	40	10.2	9.9	13.5	8.3	11.0
	15-19 YRS	0	0	1	2	0	0.0	0.0	5.5	11.0	0.0
	20-24 YRS	4	3	1	1	3	13.6	10.2	3.4	3.4	10.2
	25-29 YRS	5	7	11	5	3	11.9	16.7	26.2	11.9	7.1
	30-34 YRS	14	10	9	3	6	33.7	24.1	21.7	7.2	14.4
	35-39 YRS	9	7	12	10	11	23.8	18.5	31.7	26.4	29.0
	40-44 YRS	2	2	5	2	10	6.3	6.3	15.6	6.3	31.3
	45-54 YRS	3	6	7	4	6	7.7	15.4	17.9	10.3	15.4
	55-64 YRS	0	1	2	3	1	0.0	3.3	6.5	9.8	3.3
	65+ YRS	0	0	1	0	0	0.0	0.0	2.4	0.0	0.0

G. Geography



To examine the geographic distribution of STD cases and to compare disease trends in different neighborhoods, addresses have been grouped into the thirty-nine districts defined by the planner's office of the Department of Public Health (see Figure 37). In previous reports addresses were grouped into the fifteen planning districts defined by the Office of Analysis and Information Systems (OASIS) of the Department of City Planning. The change was made this year in order to see a more accurate picture of geographic clustering of STD cases.

Although the law requires addresses to be included in STD reports, they are often missing. In 1999, approximately 20 percent of all private gonorrhea and chlamydia reports were missing address. Addresses were assigned to census tracts with a geocoding computer program. Some addresses were

vague or not recognized as valid San Francisco addresses, and therefore could not be assigned to a neighborhood. Cases missing address or that were unable to be assigned to a neighborhood are not included in these geographic analyses, but are counted as San Francisco morbidity and included in all other city-wide analyses. Cases among homeless patients were also excluded. Note that the rate obtained from combining the rates for each neighborhood will therefore be lower than the actual overall rate for the city.

Chlamydia rates for the southeastern sector of the city (West Hunters Point, Bayview, and Sunnydale) are much higher than other neighborhoods. In contrast, early syphilis is concentrated in the center of the city, known as the Castro which include Duboce Triangle and Castro Neighborhoods. The Castro is the geographic region where the highest proportion of men who have sex with men (MSM) live. The Castro district is also where the highest rates of gonorrhea are observed followed by the southeastern corner of the city.

Gonorrhea cases remained stable or declined in most neighborhoods between 1998 and 1999. Chlamydia cases were relatively stable or declined in the southeastern neighborhoods. Chlamydia rates did increase in the Castro, but this may be an artifact of increased screening for chlamydia among MSM seen at the municipal STD Clinic, City Clinic. However there was a substantial increase in syphilis cases seen in Duboce Triangle that cannot be explained by increased screening and subsequent case detection.

Cases reported among homeless patients increased from 1998 for syphilis but declined or were stable for gonorrhea and chlamydia. These cases only include patients that can be verified as homeless, most of whom are seen at City Clinic; this may greatly underestimate cases in this population. Since no reliable denominator data are available on the number of homeless persons in San Francisco, analysis is restricted to examining trends in reported cases over time.

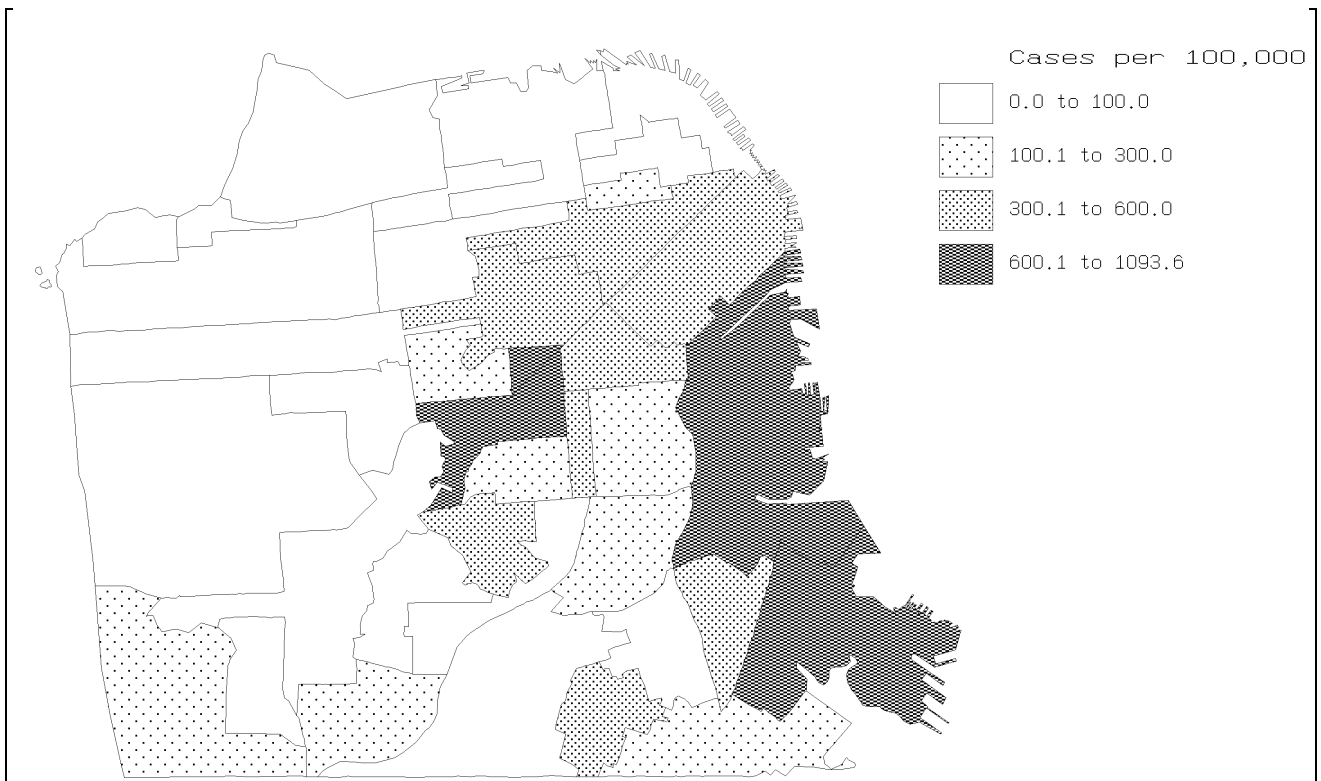


Figure 38. Gonorrhea rates by neighborhood for San Francisco, 1999.

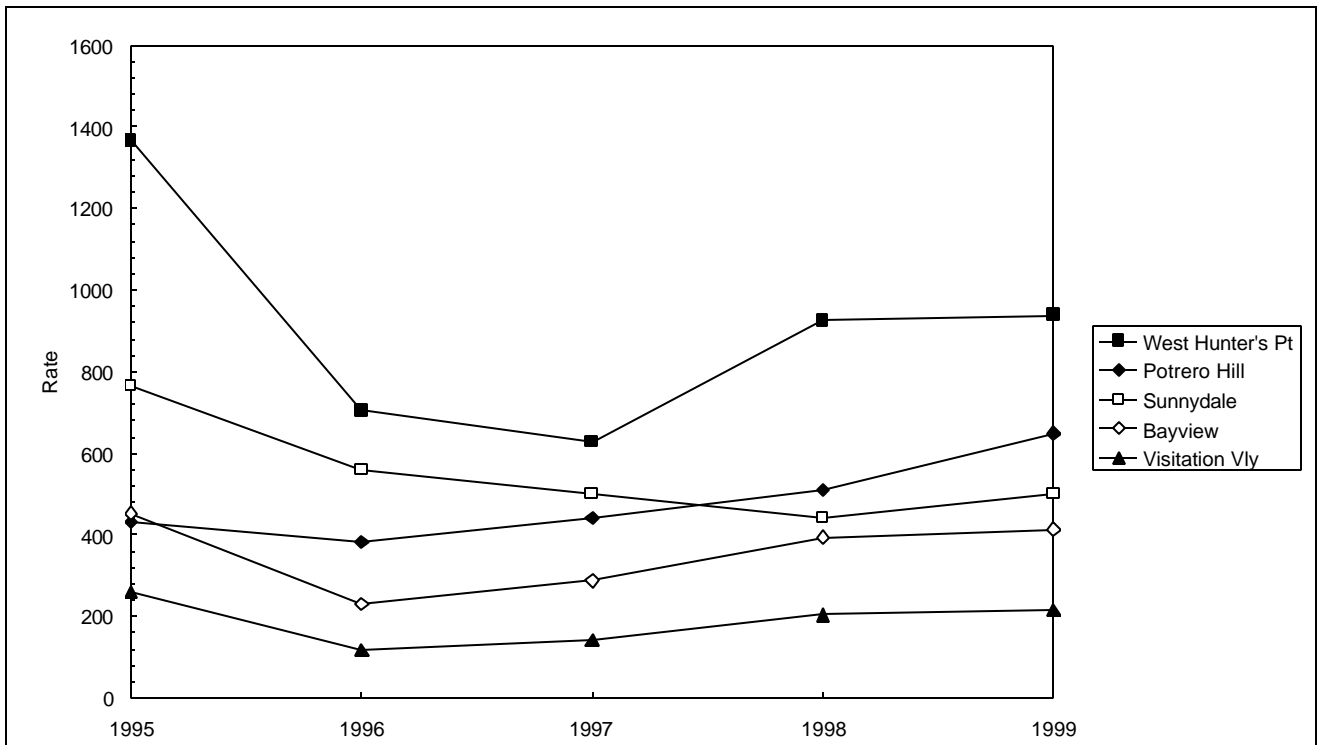


Figure 39. Gonorrhea trends for selected neighborhoods, San Francisco, 1995-1999 (1 of 2).

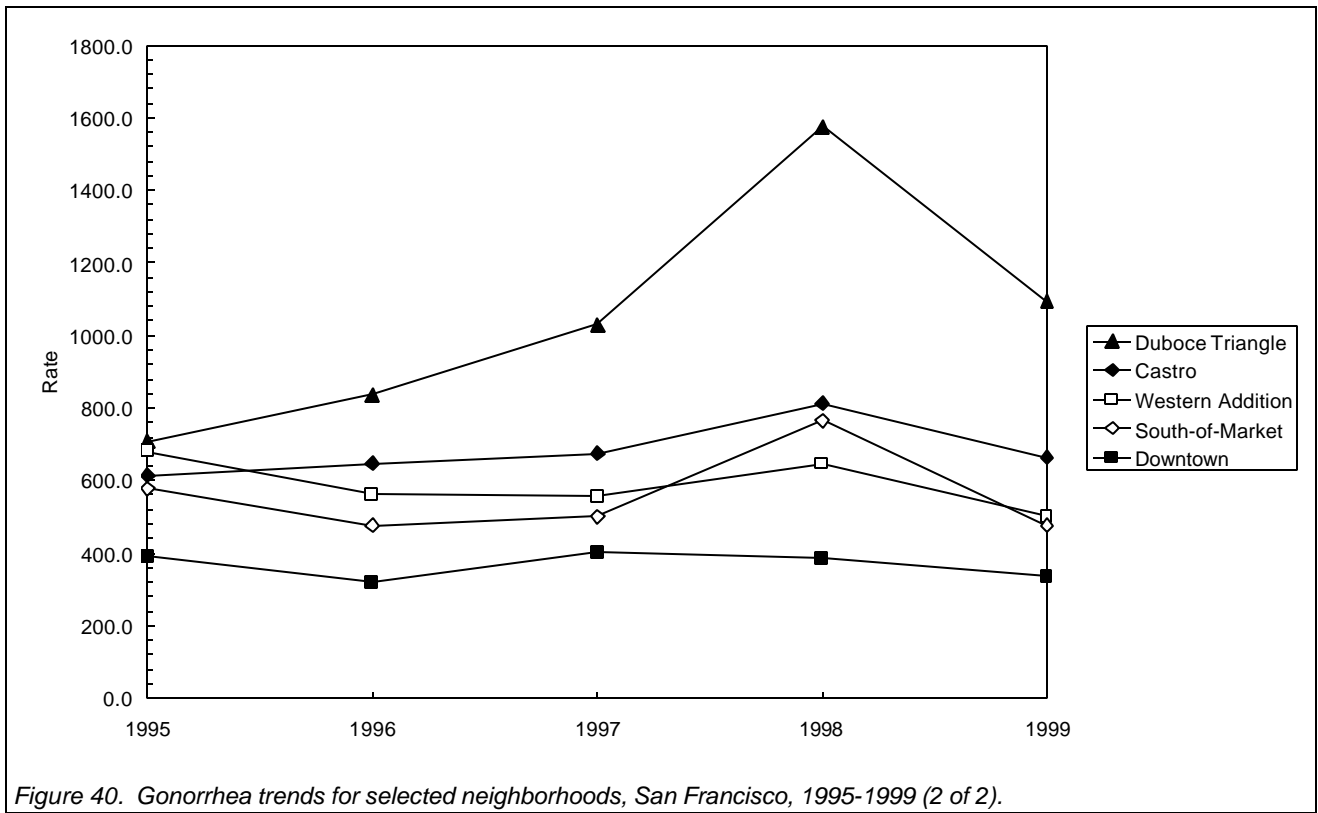


Figure 40. Gonorrhea trends for selected neighborhoods, San Francisco, 1995-1999 (2 of 2).

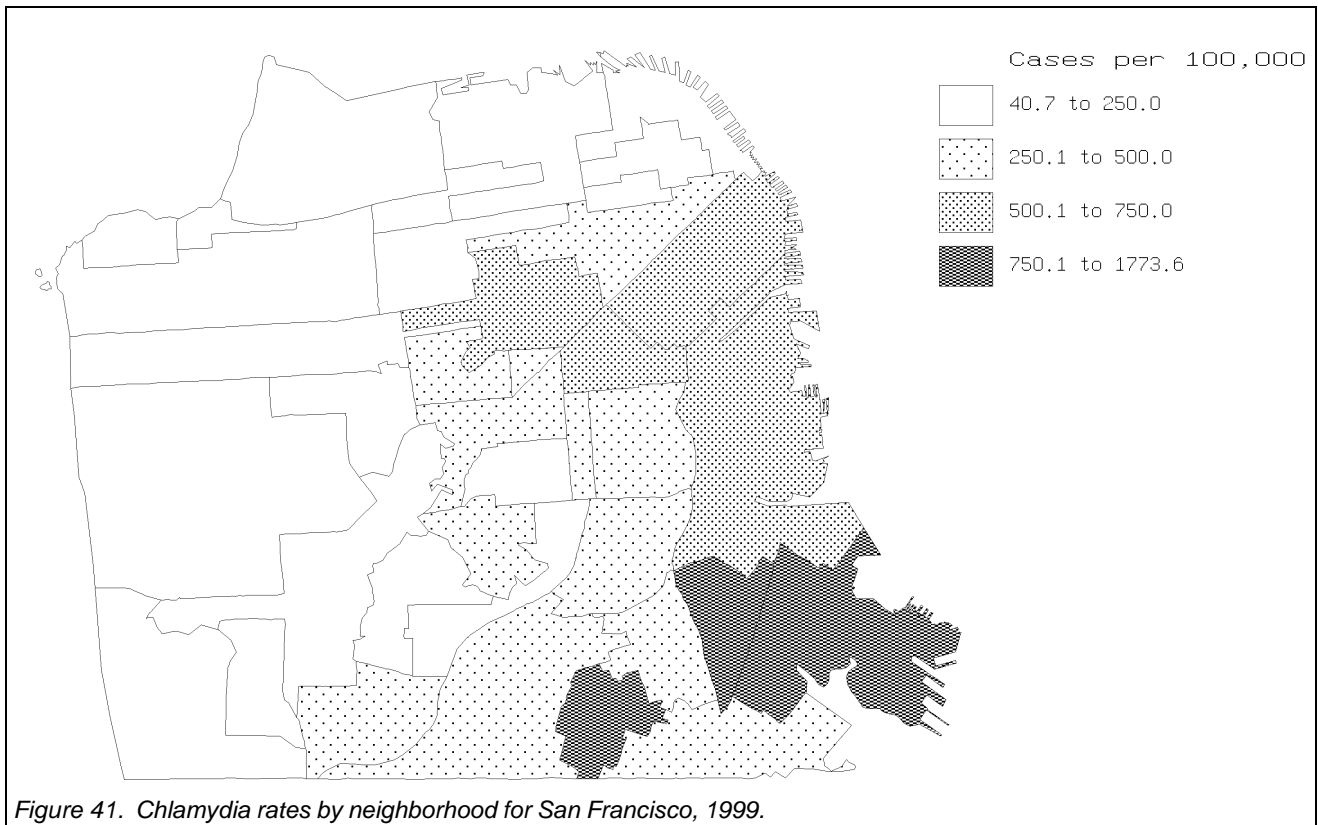


Figure 41. Chlamydia rates by neighborhood for San Francisco, 1999.

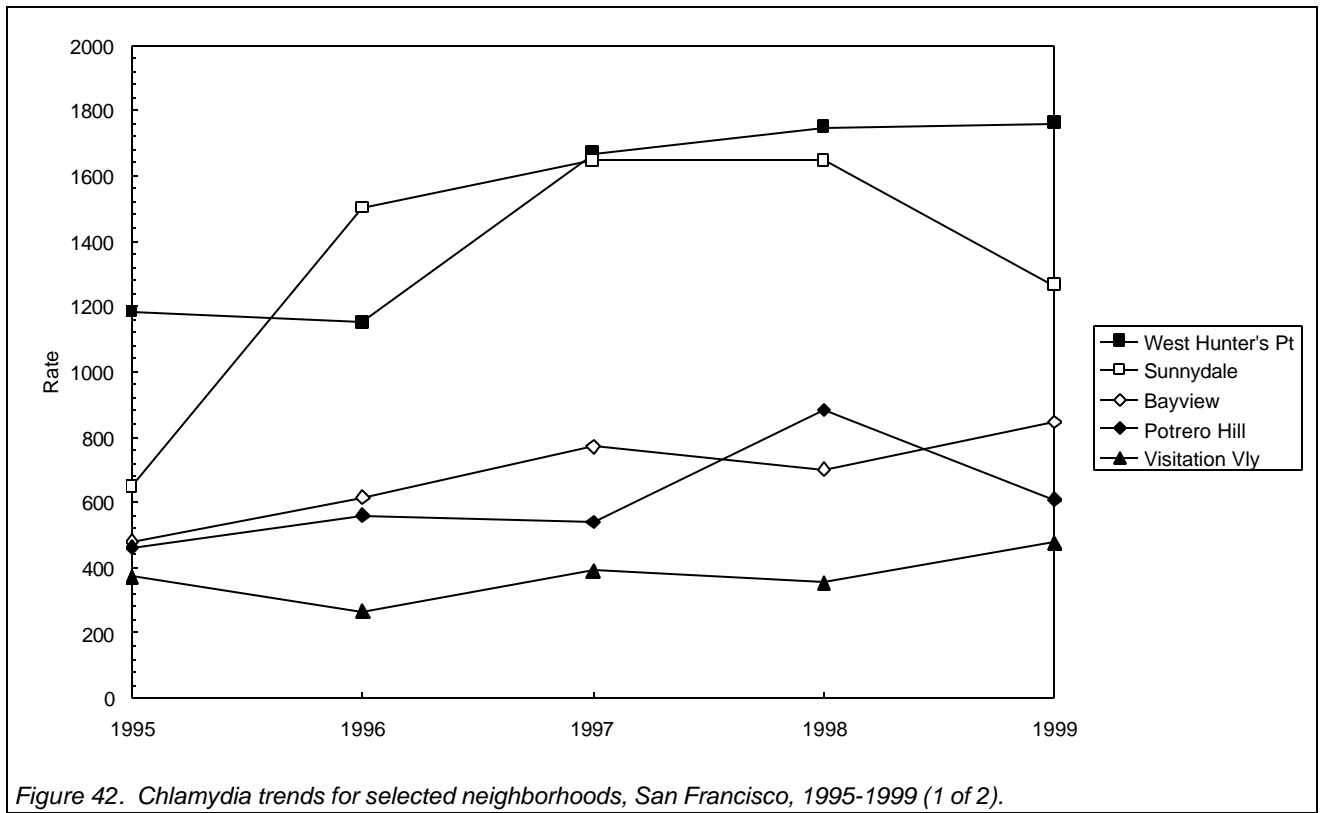


Figure 42. Chlamydia trends for selected neighborhoods, San Francisco, 1995-1999 (1 of 2).

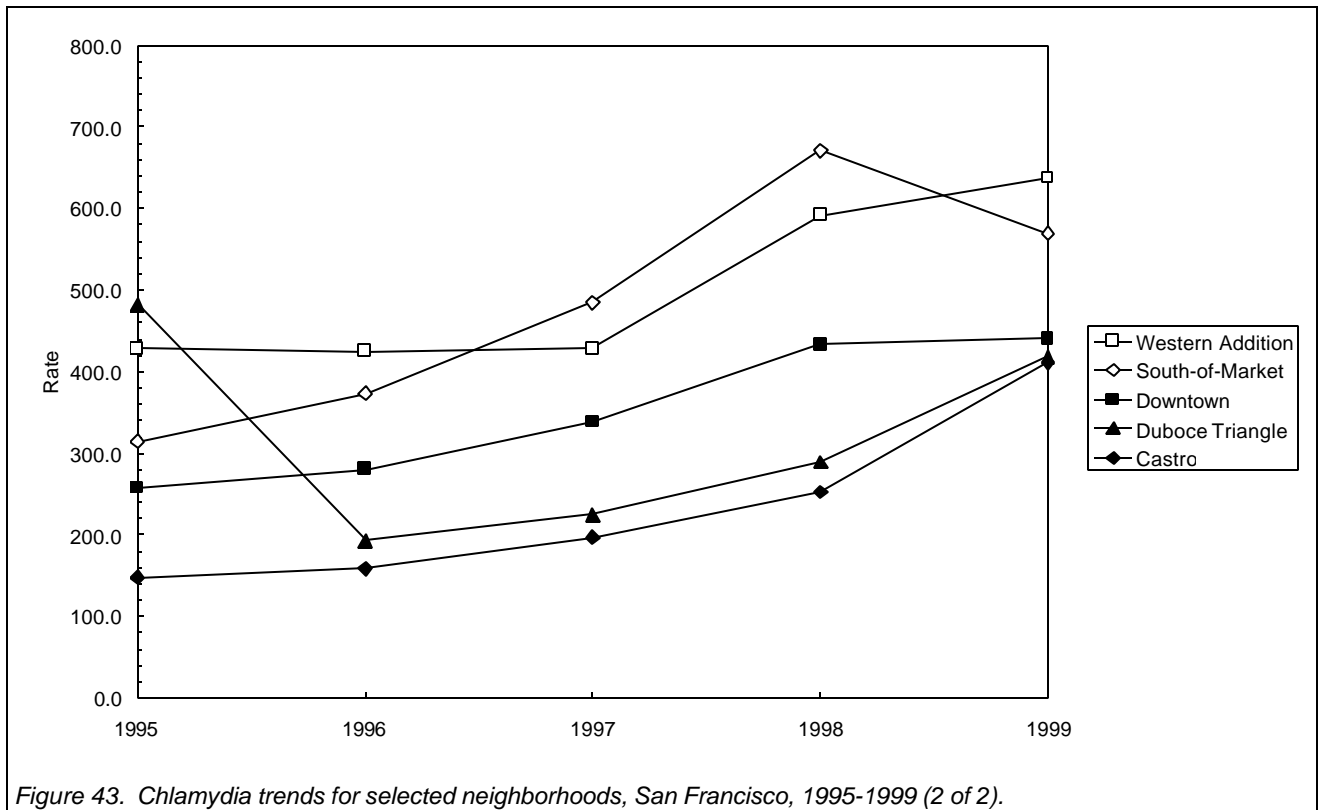


Figure 43. Chlamydia trends for selected neighborhoods, San Francisco, 1995-1999 (2 of 2).

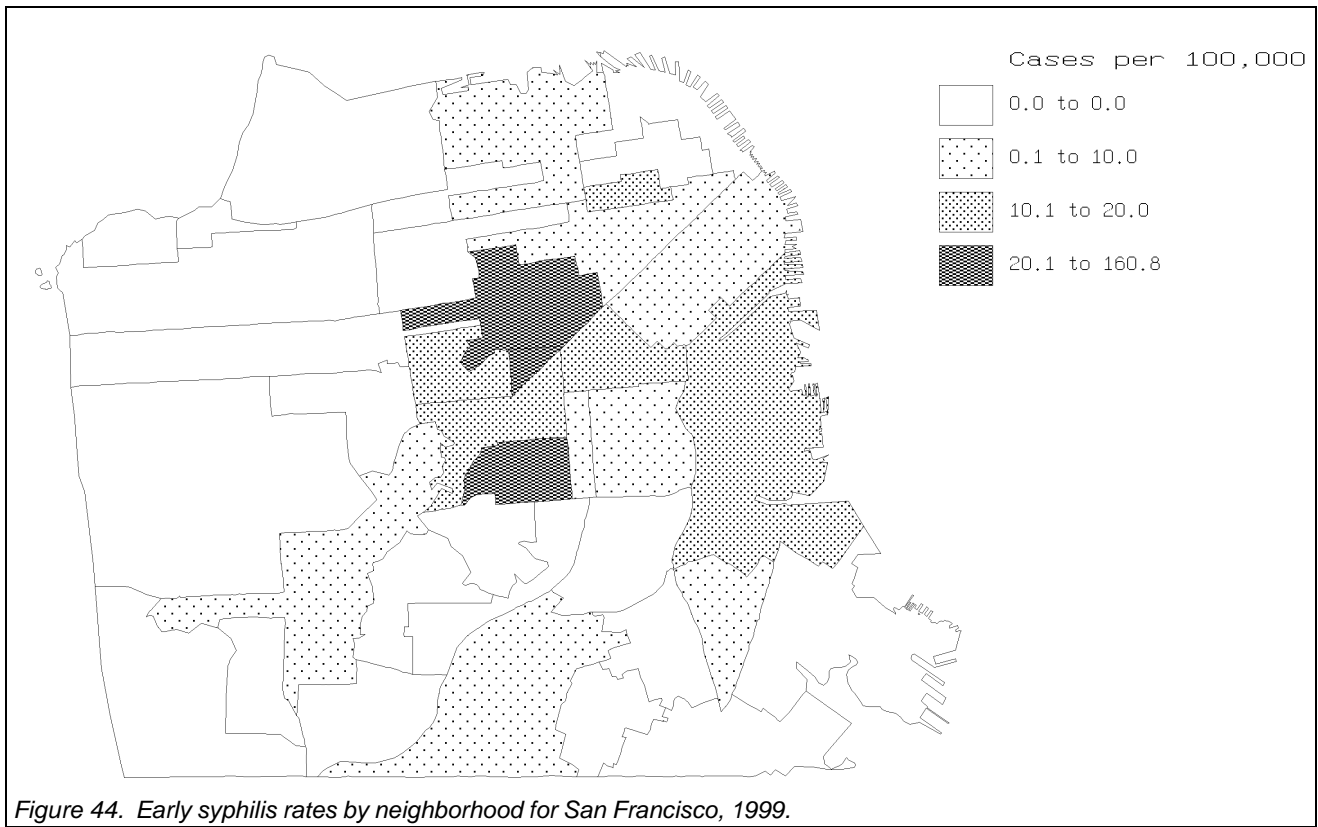


Figure 44. Early syphilis rates by neighborhood for San Francisco, 1999.

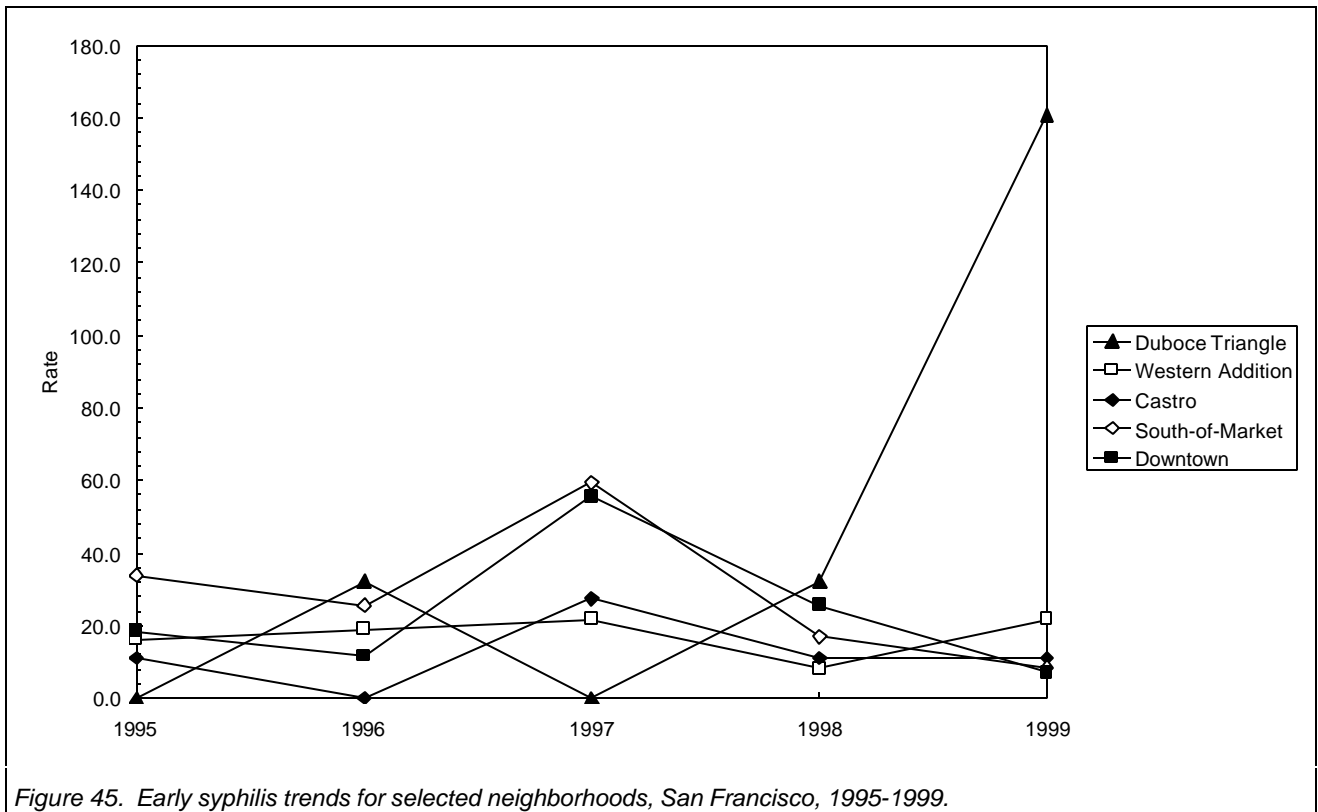


Figure 45. Early syphilis trends for selected neighborhoods, San Francisco, 1995-1999.

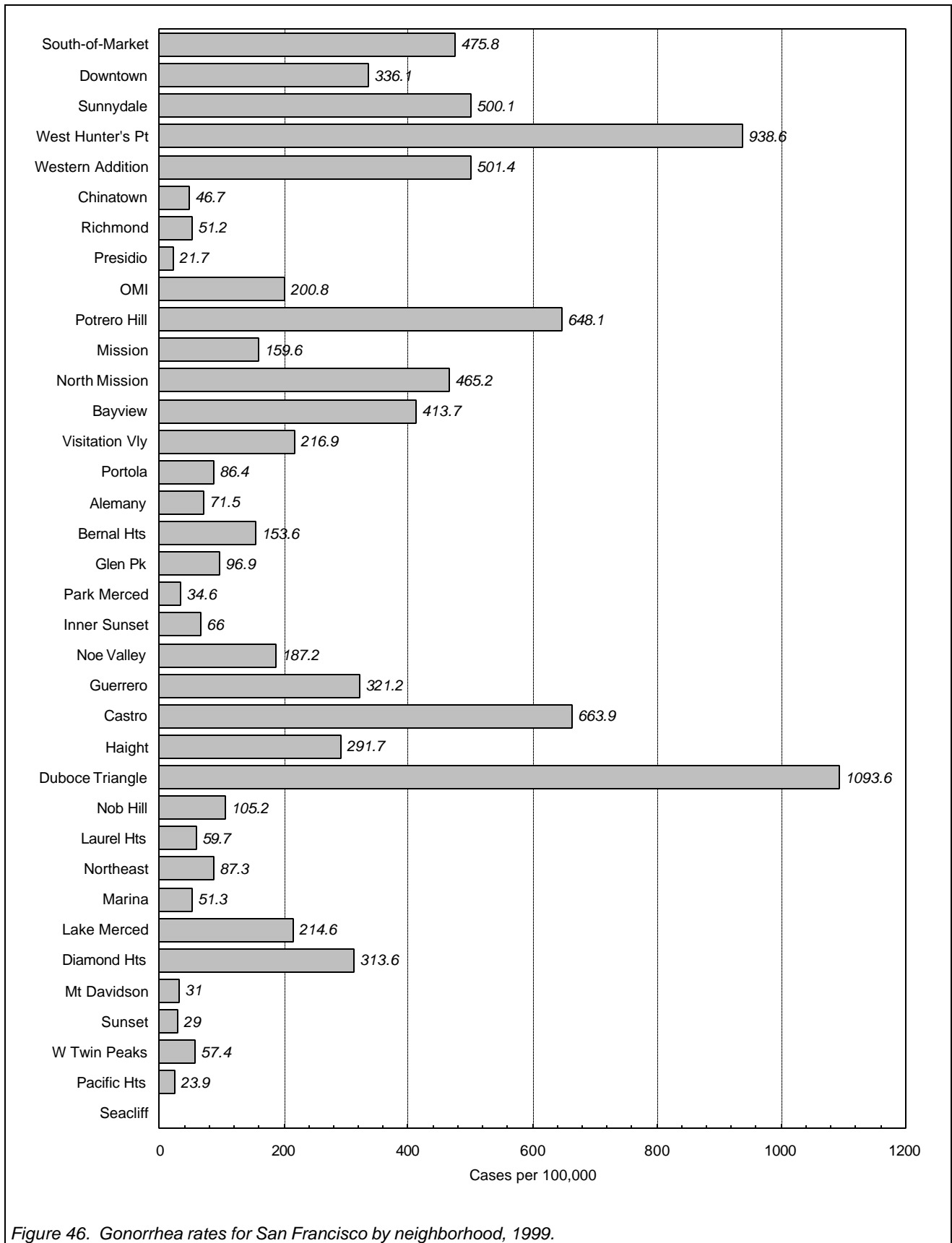


Figure 46. Gonorrhea rates for San Francisco by neighborhood, 1999.

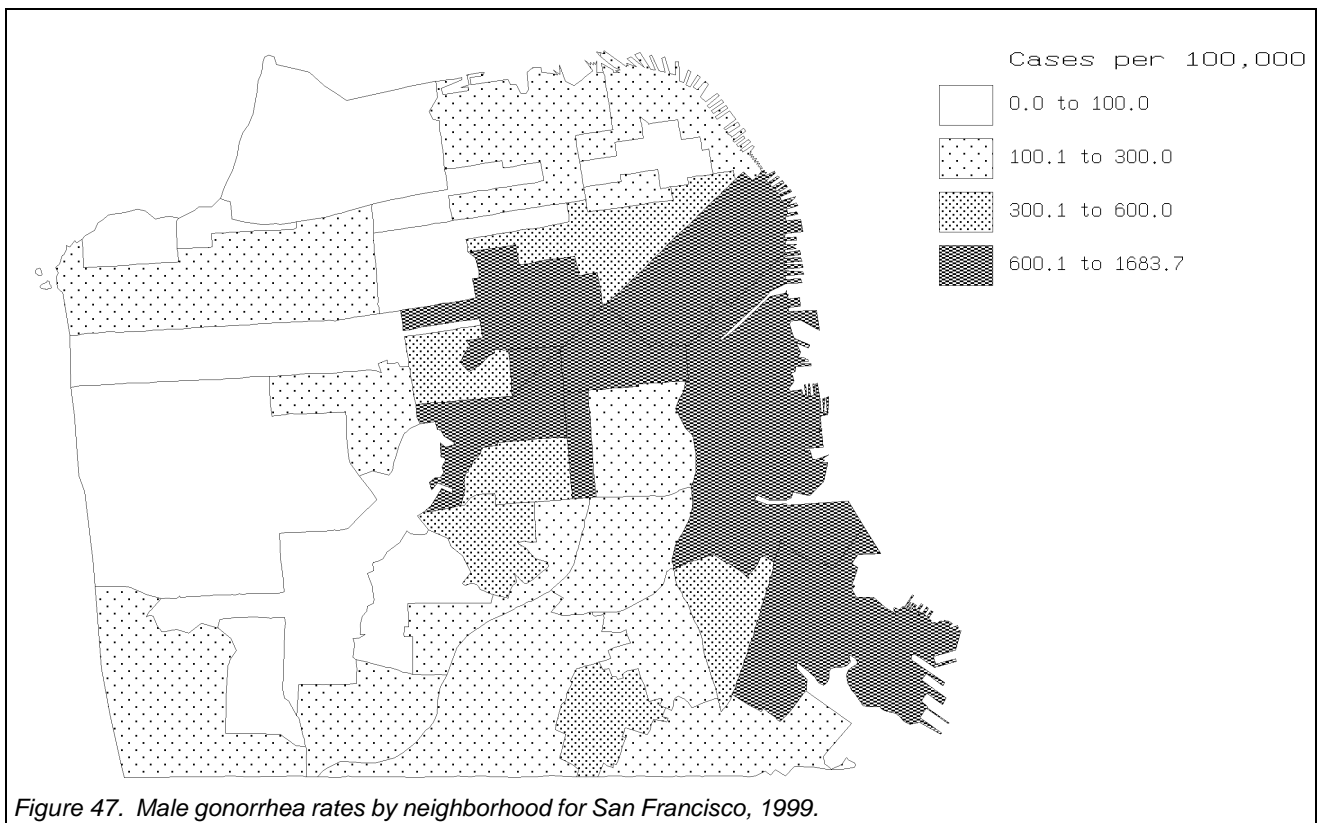


Figure 47. Male gonorrhea rates by neighborhood for San Francisco, 1999.

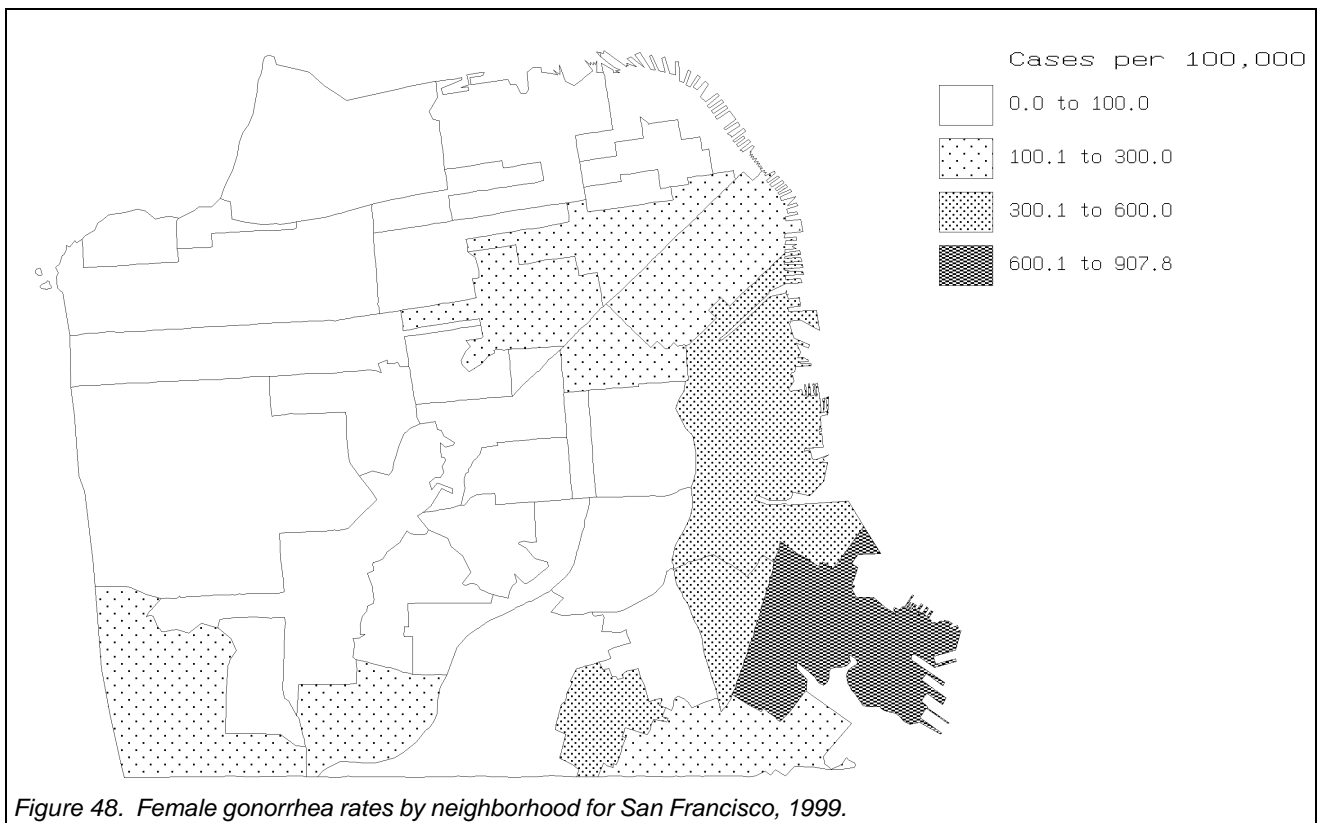


Figure 48. Female gonorrhea rates by neighborhood for San Francisco, 1999.

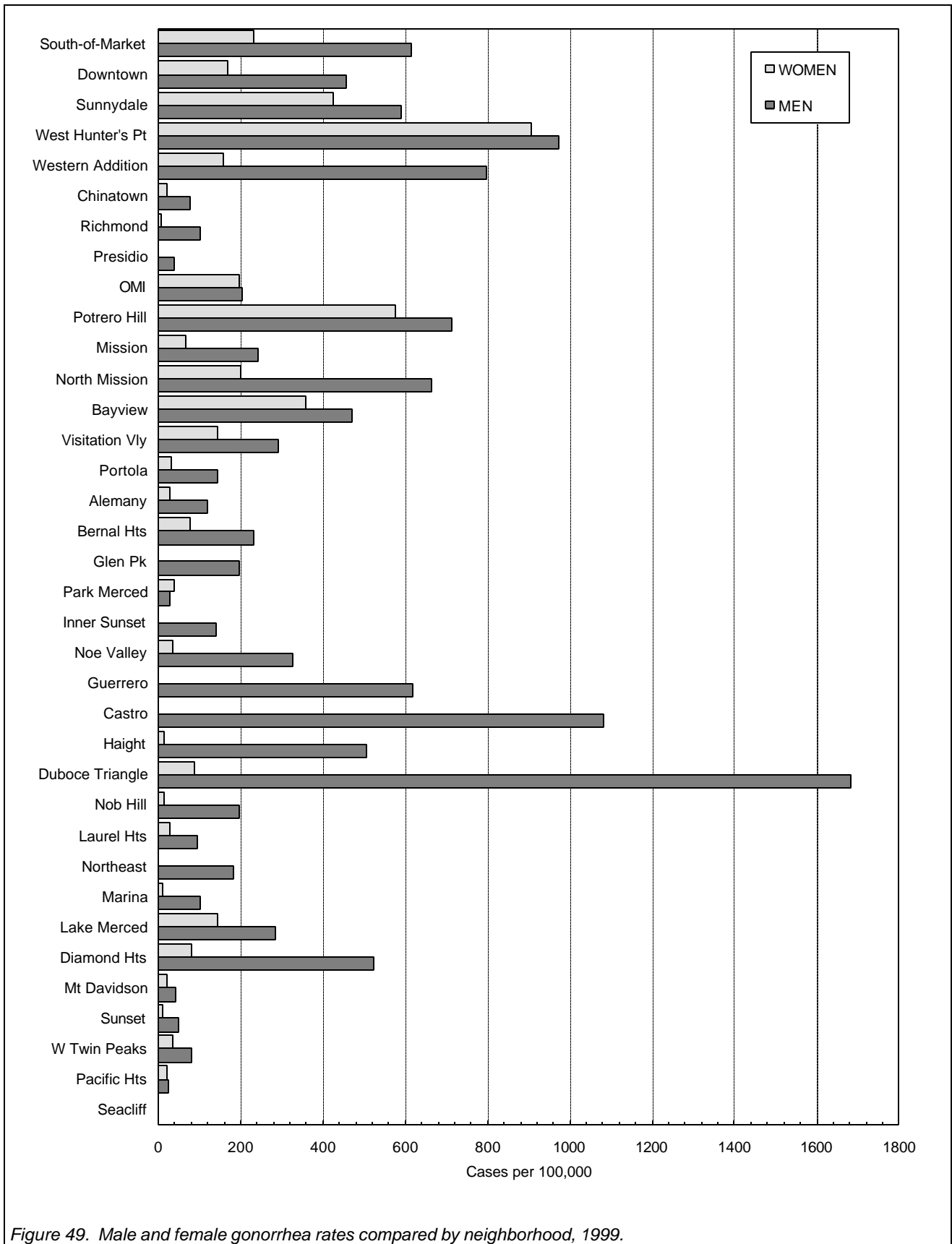


Figure 49. Male and female gonorrhea rates compared by neighborhood, 1999.

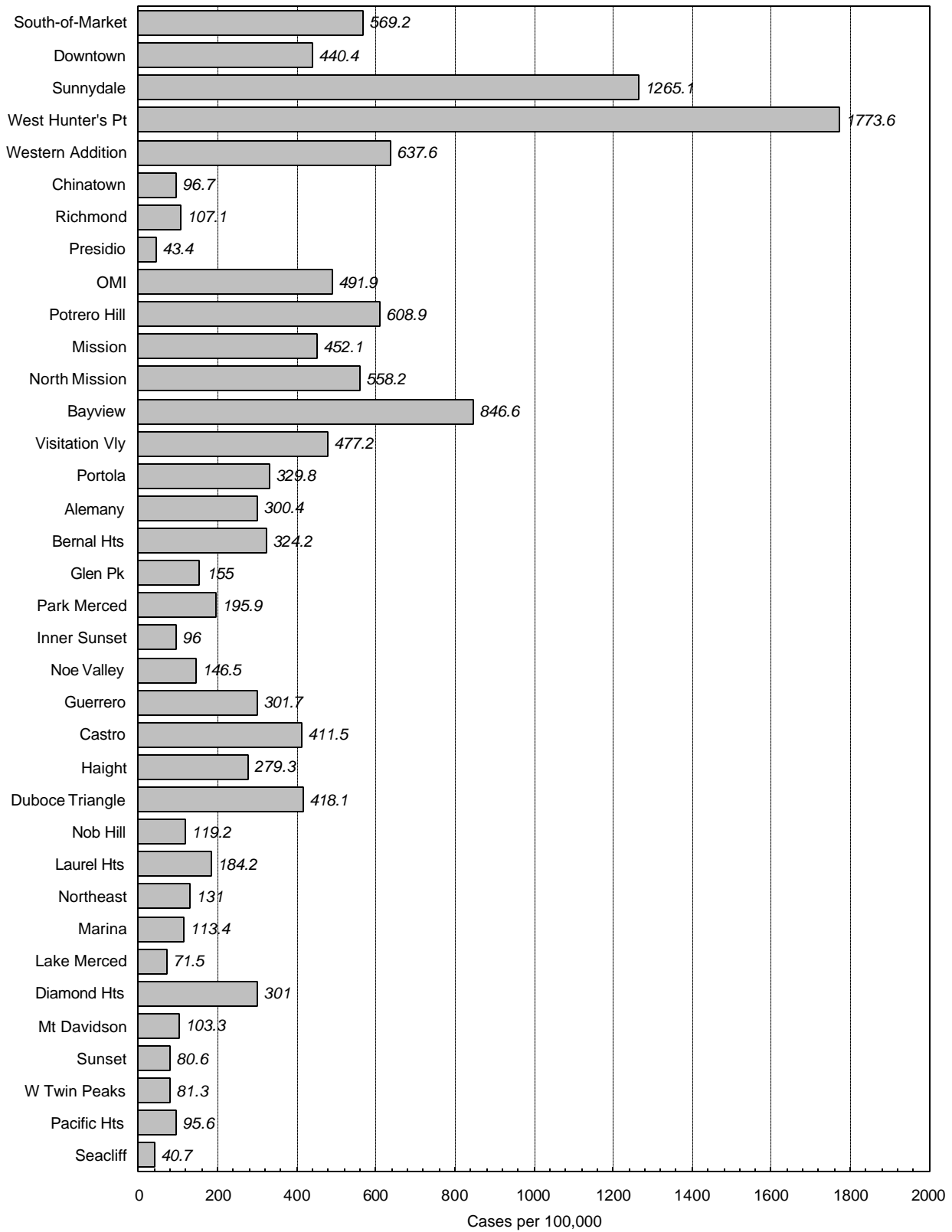
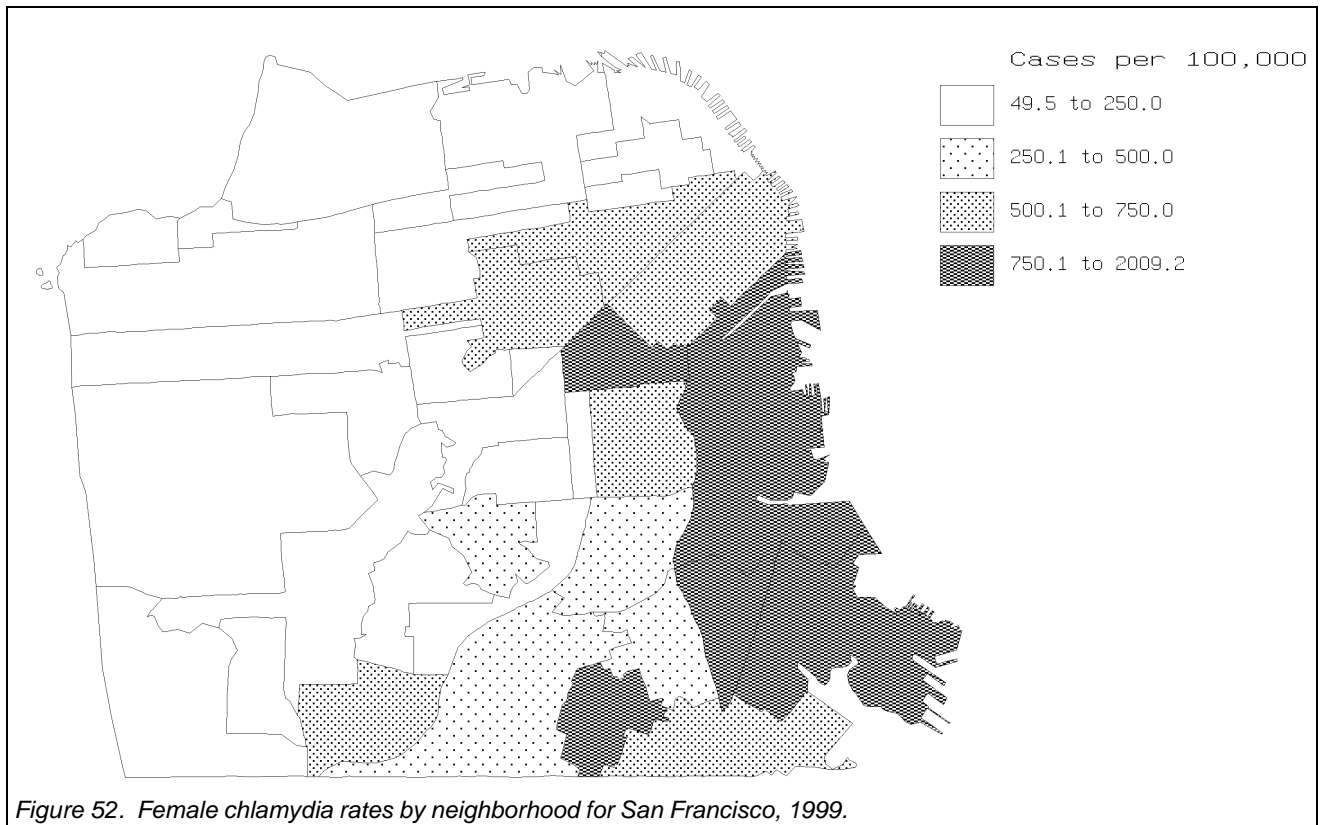
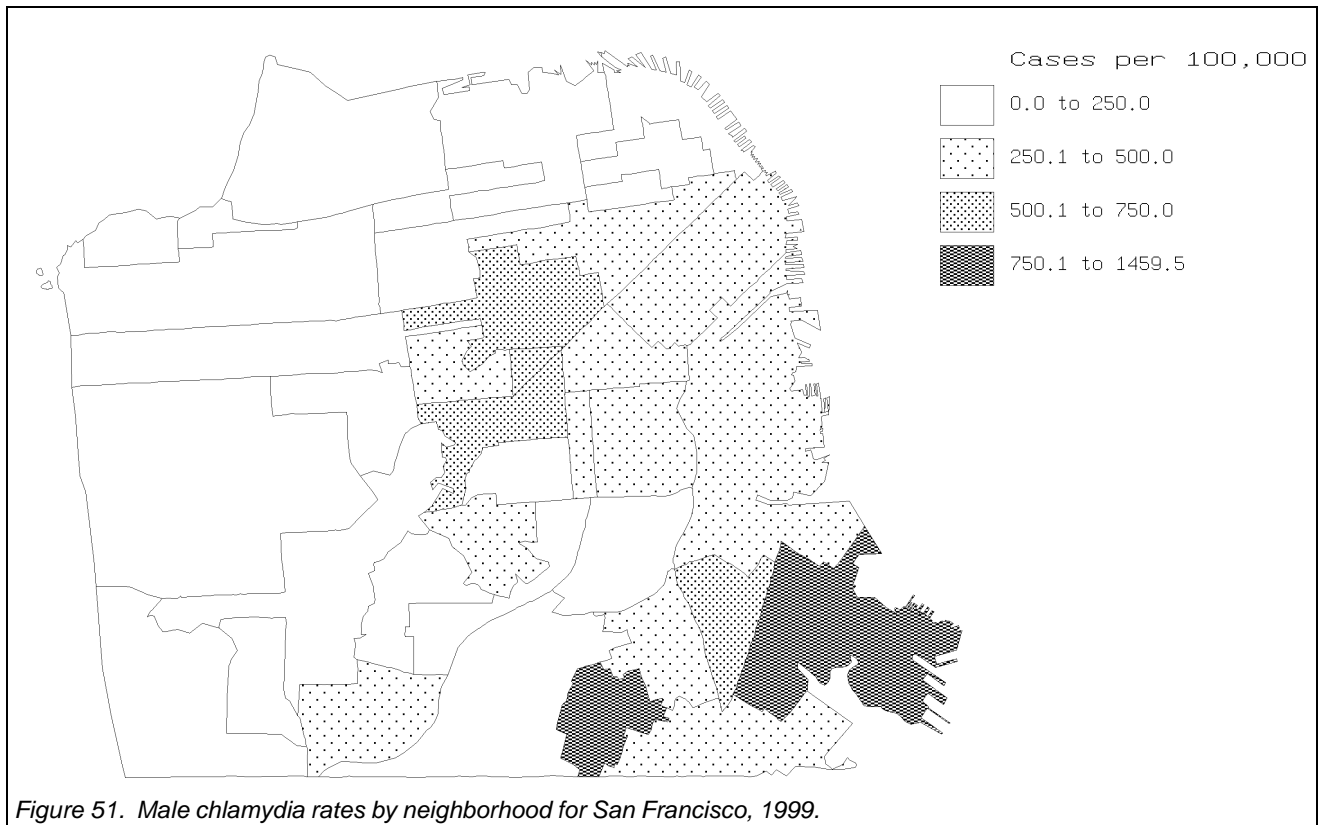


Figure 50. Chlamydia rates for San Francisco by neighborhood, 1999.



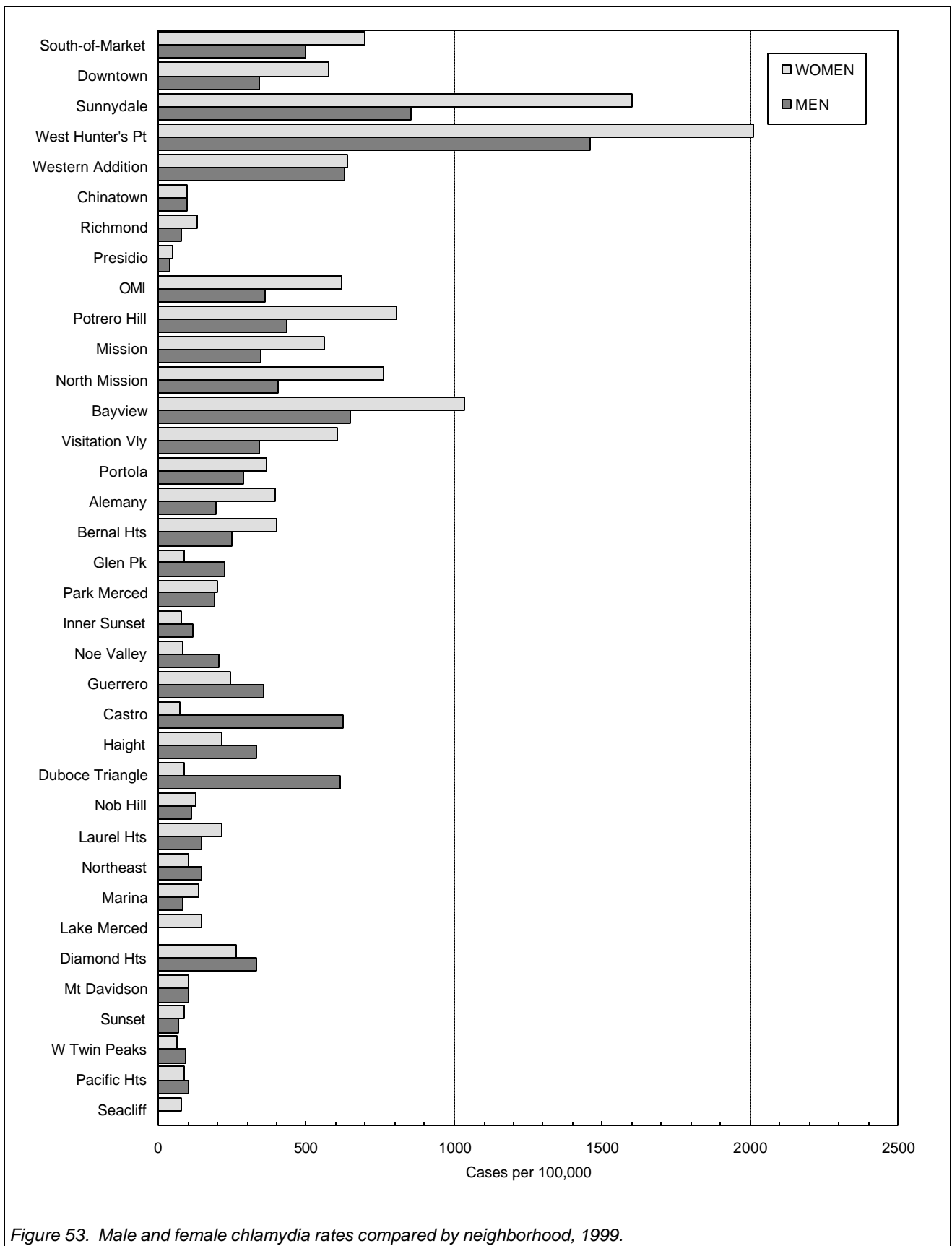


Figure 53. Male and female chlamydia rates compared by neighborhood, 1999.

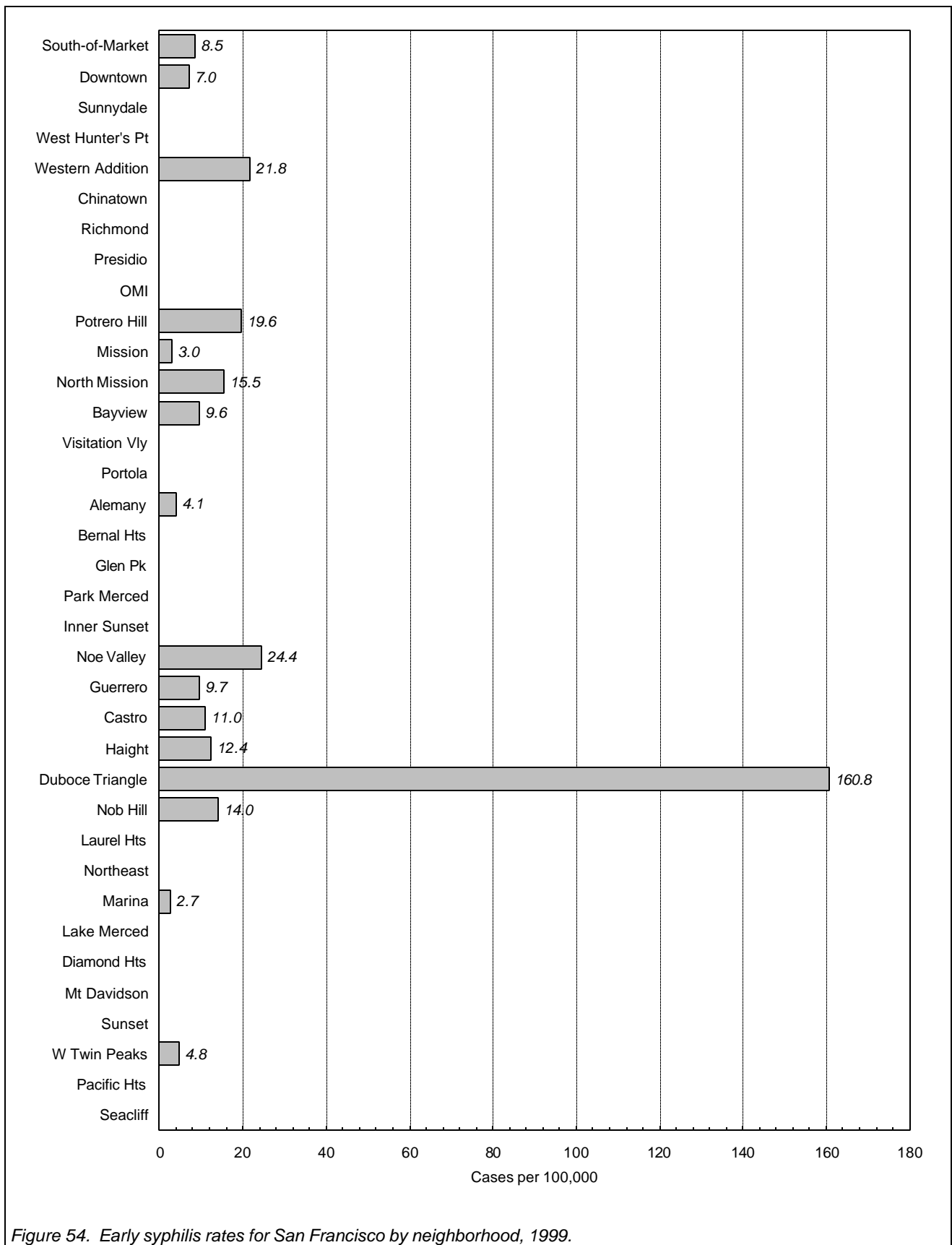


Figure 54. Early syphilis rates for San Francisco by neighborhood, 1999.

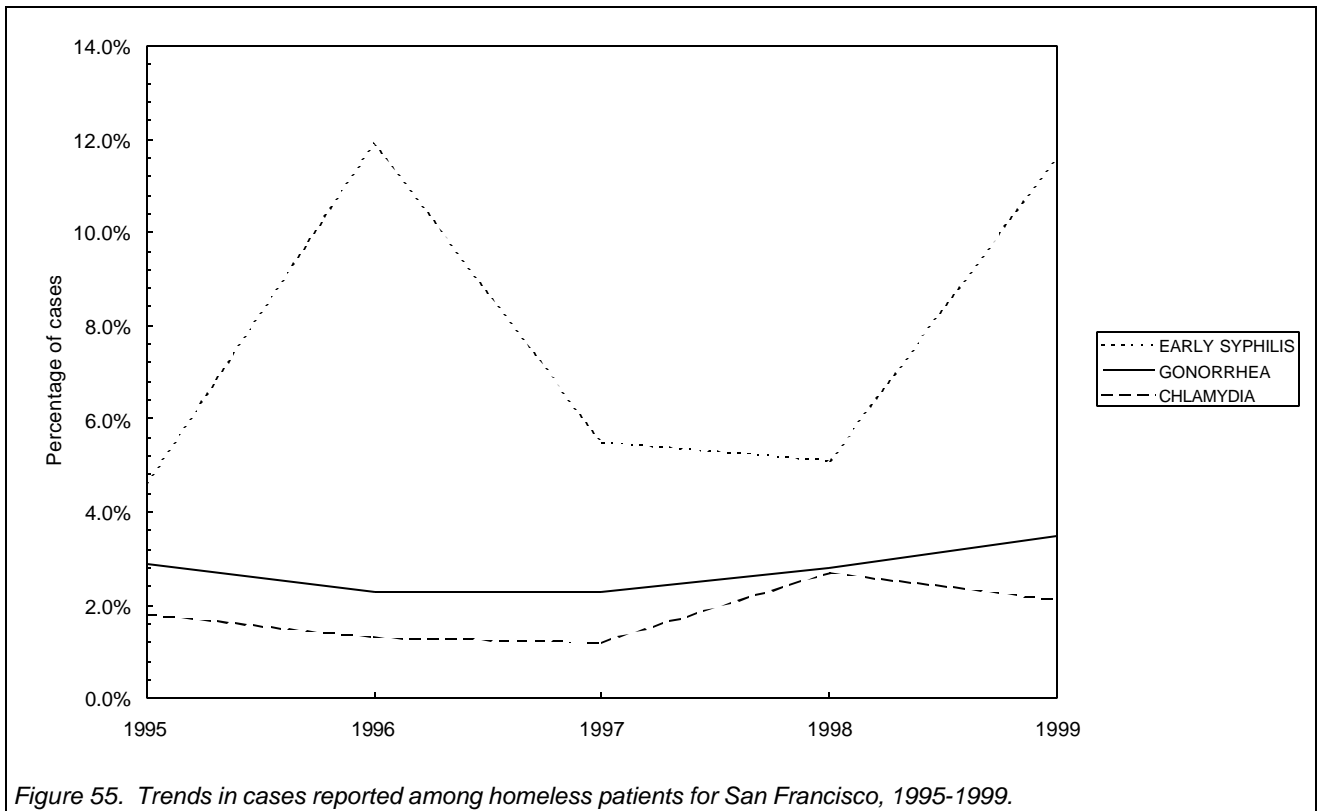


Figure 55. Trends in cases reported among homeless patients for San Francisco, 1995-1999.

Table 13. STD cases among homeless patients, San Francisco, 1995-1999.

Diagnosis	Cases					Percent				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CHLAMYDIA	30	22	23	60	51	1.8%	1.3%	1.2%	2.7%	2.1%
GONORRHEA	47	32	32	48	52	2.9%	2.3%	2.3%	2.8%	3.5%
EARLY SYPHILIS	2	5	4	2	5	4.6%	11.9%	5.5%	5.1%	11.6%

Table 14. STD cases and rates by neighborhood, San Francisco, 1995-1999.

Cases of CHLAMYDIA

Neighborhood	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Seacliff	1	1	0	2	1	40.7	40.7	0.0	81.4	40.7
Pacific Hts	2	2	4	4	8	23.9	23.9	47.8	47.8	95.6
W Twin Peaks	17	17	17	13	17	81.3	81.3	81.3	62.2	81.3
Sunset/Parkside	62	65	63	72	64	78.1	81.8	79.3	90.7	80.6
Westwood Pk	8	13	9	7	10	82.6	134.3	93.0	72.3	103.3
Diamond Hts	3	9	16	17	24	37.6	112.9	200.7	213.2	301.0
Lake Merced	0	3	2	3	1	0.0	214.6	143.1	214.6	71.5
Marina	25	23	30	21	42	67.5	62.1	81.0	56.7	113.4
North Beach	20	21	23	17	24	109.2	114.6	125.5	92.8	131.0
USF/Laurel Hts	49	29	29	28	37	244.0	144.4	144.4	139.4	184.2
Nob Hill	13	16	31	14	17	91.2	112.2	217.4	98.2	119.2
Duboce Triangle	15	6	7	9	13	482.5	193.0	225.2	289.5	418.1
Haight District	31	25	28	36	45	192.4	155.2	173.8	223.4	279.3
Castro	27	29	36	46	75	148.1	159.1	197.5	252.4	411.5
Guerrero	19	16	11	24	31	184.9	155.7	107.1	233.6	301.7
Noe Valley	13	13	10	11	18	105.8	105.8	81.4	89.5	146.5
Inner Sunset	24	25	7	18	16	144.0	150.0	42.0	108.0	96.0
Park Merced	14	4	17	16	17	161.4	46.1	195.9	184.4	195.9
Glen Pk	23	29	26	28	24	148.6	187.3	167.9	180.8	155.0
Bernal Hts	73	79	67	80	76	311.4	337.0	285.8	341.2	324.2
Alemany	118	108	124	135	147	241.1	220.7	253.4	275.9	300.4
Portola	30	34	58	43	42	235.6	267.0	455.4	337.7	329.8
Visitation Vly	60	43	63	57	77	371.8	266.5	390.4	353.2	477.2
Bayview	50	64	80	73	88	481.0	615.7	769.7	702.3	846.6
North Mission	43	35	55	63	72	333.4	271.4	426.4	488.4	558.2
Mission	104	123	106	144	153	307.3	363.4	313.2	425.5	452.1
Portero Pt	47	57	55	90	62	461.6	559.8	540.1	883.8	608.9
OMI	85	71	85	83	98	426.6	356.4	426.6	416.6	491.9
Presido/TI	2	4	4	3	4	21.7	43.4	43.4	32.5	43.4
Richmond	62	61	58	64	69	96.3	94.7	90.1	99.4	107.1
Chinatown	21	34	23	29	29	70.0	113.4	76.7	96.7	96.7
Western Addition	157	156	157	217	234	427.8	425.1	427.8	591.3	637.6
W Hunter's Pt	185	180	256	275	274	1197.5	1165.1	1657.1	1780.1	1773.6
Sunnydale	22	51	56	56	43	647.2	1500.4	1647.5	1647.5	1265.1
Downtown	111	121	146	187	190	257.3	280.4	338.4	433.4	440.4
South-of-Market	37	44	57	79	67	314.4	373.8	484.3	671.2	569.2
Golden Gate Pk	1	1	2	1	0	4000.0	4000.0	8000.0	4000.0	0.0
(Unknown)	173	278	426	537	514	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)

Cases of GONORRHEA

Seacliff	0	1	0	0	0	0.0	40.7	0.0	0.0	0.0
Pacific Hts	3	6	3	2	2	35.9	71.7	35.9	23.9	23.9
W Twin Peaks	9	11	7	11	12	43.1	52.6	33.5	52.6	57.4
Sunset/Parkside	28	22	26	27	23	35.3	27.7	32.7	34.0	29.0
Westwood Pk	6	3	4	8	3	62.0	31.0	41.3	82.6	31.0
Diamond Hts	19	12	16	20	25	238.3	150.5	200.7	250.8	313.6
Lake Merced	2	0	2	0	3	143.1	0.0	143.1	0.0	214.6
Marina	15	28	19	19	19	40.5	75.6	51.3	51.3	51.3
North Beach	23	12	11	13	16	125.5	65.5	60.0	70.9	87.3
USF/Laurel Hts	29	24	31	28	12	144.4	119.5	154.3	139.4	59.7
Nob Hill	16	26	25	15	15	112.2	182.3	175.3	105.2	105.2
Duboce Triangle	22	26	32	49	34	707.6	836.3	1029.3	1576.1	1093.6
Haight District	39	48	49	67	47	242.1	297.9	304.1	415.9	291.7
Castro	112	118	123	148	121	614.5	647.5	674.9	812.1	663.9
Guerrero	18	18	21	37	33	175.2	175.2	204.4	360.1	321.2
Noe Valley	14	28	27	42	23	113.9	227.8	219.7	341.8	187.2
Inner Sunset	11	11	8	11	11	66.0	66.0	48.0	66.0	66.0
Park Merced	4	5	4	3	3	46.1	57.6	46.1	34.6	34.6
Glen Pk	14	18	18	14	15	90.4	116.3	116.3	90.4	96.9
Bernal Hts	31	42	20	32	36	132.2	179.1	85.3	136.5	153.6
Alemany	24	29	18	23	35	49.0	59.3	36.8	47.0	71.5
Portola	17	10	11	14	11	133.5	78.5	86.4	109.9	86.4
Visitation Vly	42	19	23	33	35	260.3	117.7	142.5	204.5	216.9
Bayview	47	24	30	41	43	452.2	230.9	288.6	394.5	413.7
North Mission	64	46	54	61	60	496.2	356.6	418.7	472.9	465.2
Mission	52	46	49	69	54	153.7	135.9	144.8	203.9	159.6
Portero Pt	44	39	45	52	66	432.1	383.0	441.9	510.7	648.1
OMI	61	42	40	42	40	306.2	210.8	200.8	210.8	200.8
Presido/TI	0	3	1	4	2	0.0	32.5	10.8	43.4	21.7
Richmond	19	22	23	34	33	29.5	34.2	35.7	52.8	51.2
Chinatown	16	12	13	24	14	53.4	40.0	43.4	80.0	46.7
Western Addition	250	206	204	237	184	681.2	561.3	555.9	645.8	501.4
W Hunter's Pt	211	109	97	143	145	1365.8	705.5	627.9	925.6	938.6
Sunnydale	26	19	17	15	17	764.9	559.0	500.1	441.3	500.1
Downtown	168	138	173	166	145	389.4	319.8	401.0	384.7	336.1
South-of-Market	68	56	59	90	56	577.7	475.8	501.3	764.7	475.8
Golden Gate Pk	0	0	0	0	1	0.0	0.0	0.0	0.0	4000.0
(Unknown)	110	169	192	250	214	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)

(Table 14, continued)

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Neighborhood										
Seacliff	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Pacific Hts	0	0	1	0	0	0.0	0.0	12.0	0.0	0.0
W Twin Peaks	0	0	0	0	1	0.0	0.0	0.0	0.0	4.8
Sunset/Parkside	1	2	0	1	0	1.3	2.5	0.0	1.3	0.0
Westwood Pk	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Diamond Hts	2	1	0	2	0	25.1	12.5	0.0	25.1	0.0
Lake Merced	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Marina	2	0	0	0	1	5.4	0.0	0.0	0.0	2.7
North Beach	1	0	0	0	0	5.5	0.0	0.0	0.0	0.0
USF/Laurel Hts	4	0	0	1	0	19.9	0.0	0.0	5.0	0.0
Nob Hill	0	0	0	1	2	0.0	0.0	0.0	7.0	14.0
Duboce Triangle	0	1	0	1	5	0.0	32.2	0.0	32.2	160.8
Haight District	1	4	2	0	2	6.2	24.8	12.4	0.0	12.4
Castro	2	0	5	2	2	11.0	0.0	27.4	11.0	11.0
Guerrero	0	2	1	0	1	0.0	19.5	9.7	0.0	9.7
Noe Valley	0	1	1	0	3	0.0	8.1	8.1	0.0	24.4
Inner Sunset	1	1	0	0	0	6.0	6.0	0.0	0.0	0.0
Park Merced	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Glen Pk	0	1	0	0	0	0.0	6.5	0.0	0.0	0.0
Bernal Hts	2	1	1	0	0	8.5	4.3	4.3	0.0	0.0
Alemany	0	2	1	1	2	0.0	4.1	2.0	2.0	4.1
Portola	0	0	0	1	0	0.0	0.0	0.0	7.9	0.0
Visitacion Vly	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Bayview	0	0	1	0	1	0.0	0.0	9.6	0.0	9.6
North Mission	5	1	2	1	2	38.8	7.8	15.5	7.8	15.5
Mission	0	4	5	3	1	0.0	11.8	14.8	8.9	3.0
Portero Pt	1	0	0	0	2	9.8	0.0	0.0	0.0	19.6
OMI	0	0	1	4	0	0.0	0.0	5.0	20.1	0.0
Presido/TI	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Richmond	0	0	0	1	0	0.0	0.0	0.0	1.6	0.0
Chinatown	0	0	2	0	0	0.0	0.0	6.7	0.0	0.0
Western Addition	6	7	8	3	8	16.3	19.1	21.8	8.2	21.8
W Hunter's Pt	1	0	4	1	0	6.5	0.0	25.9	6.5	0.0
Sunnydale	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Downtown	8	5	24	11	3	18.5	11.6	55.6	25.5	7.0
South-of-Market	4	3	7	2	1	34.0	25.5	59.5	17.0	8.5
Golden Gate Pk	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
(Unknown)	2	6	7	4	7	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)

H. Adolescents

As discussed above, STD rates in San Francisco are highly dependent on age and gender, with the highest STD rates seen among women 20 years or younger. This section presents different demographic trends in STDs within adolescents 14 to 20 years old (inclusive) and compares them with adult trends. While it may be useful to compare adolescents to adults for persons working with adolescent populations, it must be remembered that the high rates in adolescents are primarily the result of high rates in young women.

Though more STDs are diagnosed among adults, rates for gonorrhea and chlamydia are higher for adolescents (502.6 gonorrhea cases per 100,000 adolescents per year vs. 230.4 per 100,000 adults; 1675.3 vs. 316.9 for chlamydia). Early syphilis rates are lower for adolescents and adults, however (0 vs. 7.6 for adults). The 1999 gonorrhea rate for adolescents is below the original *Healthy People for the Year 2000* objective of 750 cases per 100,000 adolescents per year but not the revised goal of 375.

Adolescent gonorrhea cases increased in 1998 and 1999; in 1999, cases increased 4.9 percent from 1998. Adult cases decreased by 15.2 percent between 1999 and 1998, however.

African-American adolescents have the highest rates for chlamydia, followed by Native Americans, Hispanics, whites, Asians and Pacific Islanders. This is the same relative order for gonorrhea except that there were no cases among Native Americans. This relative order is also seen for adult cases of chlamydia and gonorrhea. Adolescent gonorrhea cases increased among African-Americans during the last two years, but were relatively stable among other racial and ethnic groups. Between 1998 and 1999, the rate of chlamydia decreased among African-American adolescents for the first time in four years.

(With so few early syphilis cases among adolescents, analysis of race trends is problematic: one or two cases more or less each year translate into great swings in race-specific incidence rates, especially for minority populations.)

As discussed above, rates for gonorrhea and chlamydia are higher for female adolescents than for males. Data from STD screening in San Francisco detention facilities support that this difference is real and not merely an artifact of screening practices (see Figure 105). In contrast, adults rates for gonorrhea and syphilis are markedly higher among men than women. In 1999, for the first time since we began collecting chlamydia data in 1985, chlamydia rates are higher in adult males than adult females. The shift in the ratio of male to female chlamydia cases among adults is the result of increased screening in males since 1997. With more comprehensive screening in place, we can see that the rates of chlamydia are highest in women younger than 20 years and in men 20-24 years of age.

Adolescent gonorrhea rates are highest in the neighborhoods in the southeastern part of San Francisco, where between 1 percent to 3 percent of adolescents in four neighborhoods had a reported case of gonorrhea. When you look at the geographic distribution by gender there were only two neighborhoods where 1 percent or more of young men have a reported case of gonorrhea (i.e., Sunnyside and West Hunter's Point). However, in seven of 39 neighborhoods between 1 percent and 4.5 percent of young women had a reported case of gonorrhea. High rates of chlamydia were more widely distributed throughout the city among females, with 2 percent or more of adolescent females having a reported case of chlamydia in 15 neighborhoods. The same two neighborhoods with high rates of gonorrhea in males had the highest rates of chlamydia in males.

The proportion of adolescent chlamydia and gonorrhea cases diagnosed through the public sector increased between 1998 and 1999, with a greater increase for gonorrhea.

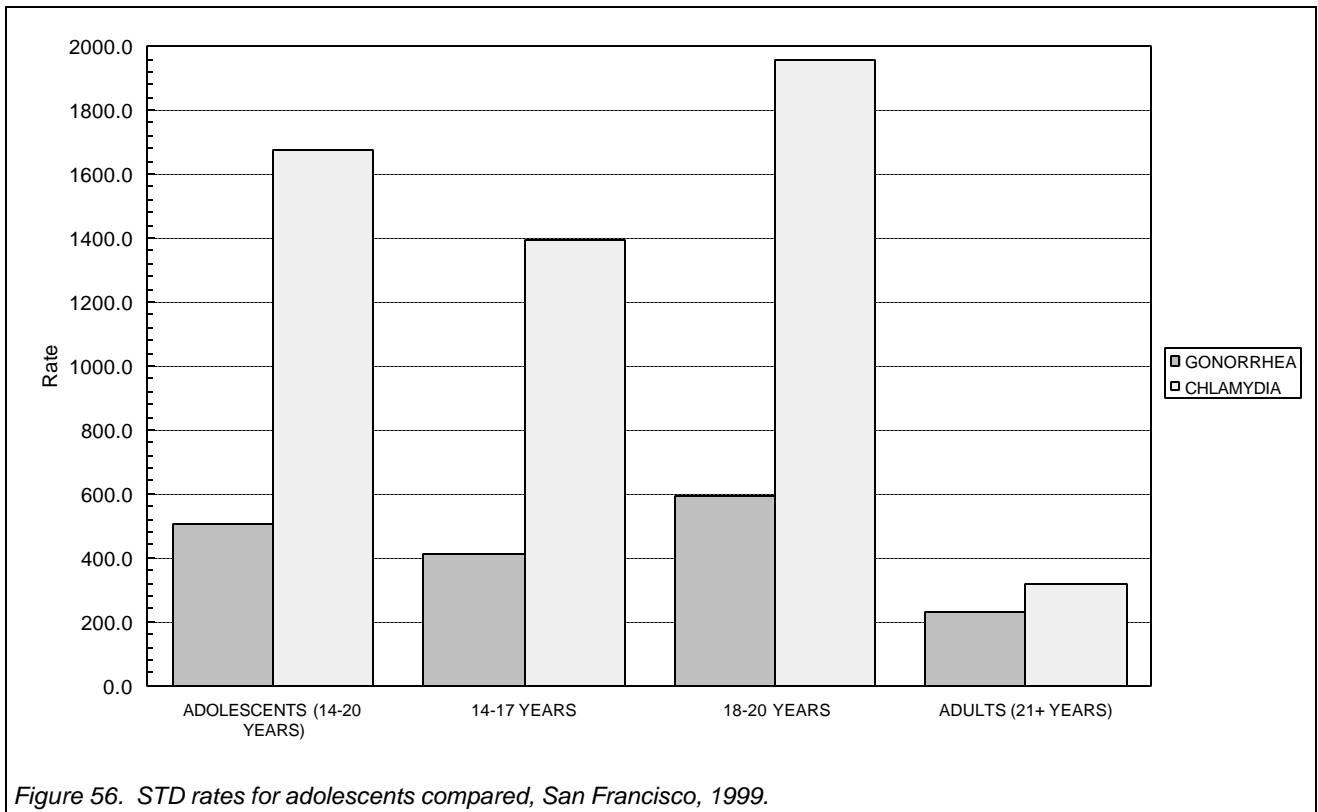


Figure 56. STD rates for adolescents compared, San Francisco, 1999.

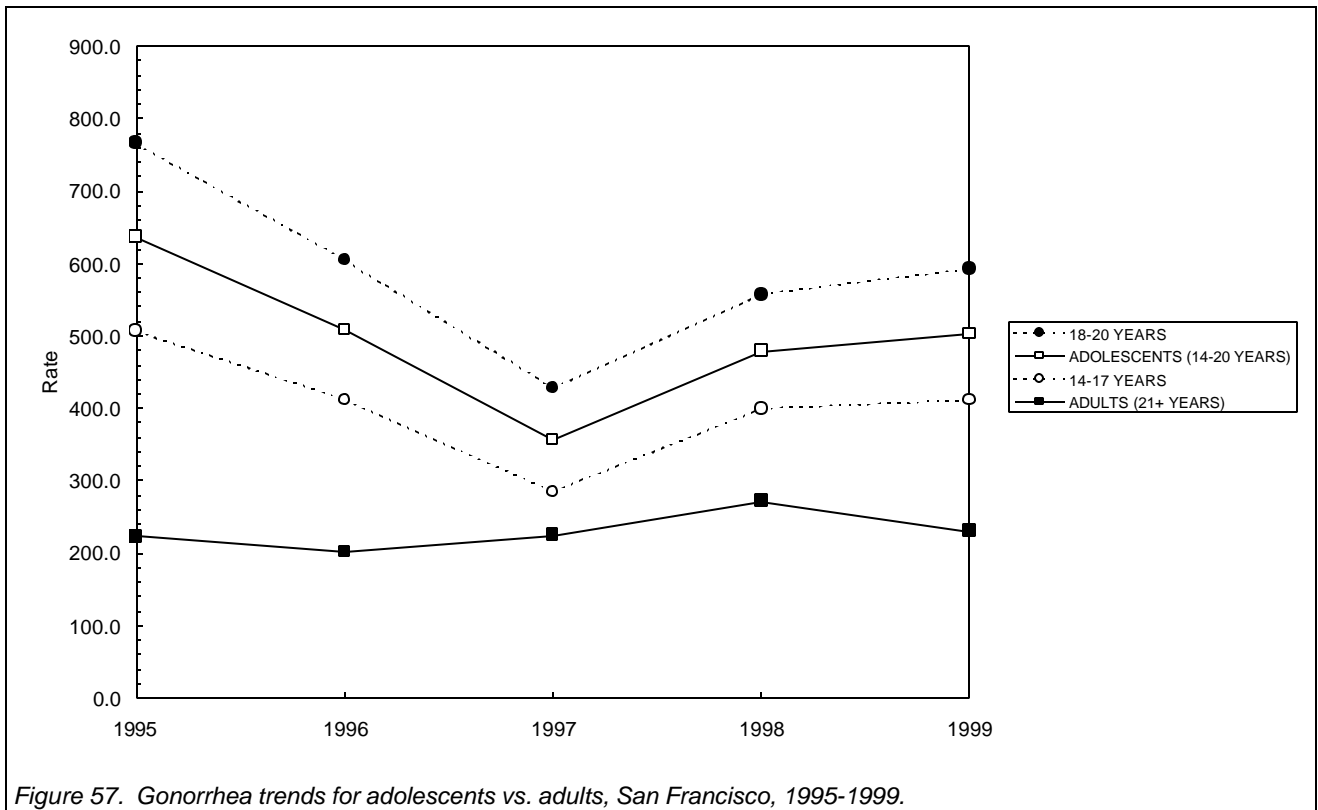


Figure 57. Gonorrhea trends for adolescents vs. adults, San Francisco, 1995-1999.

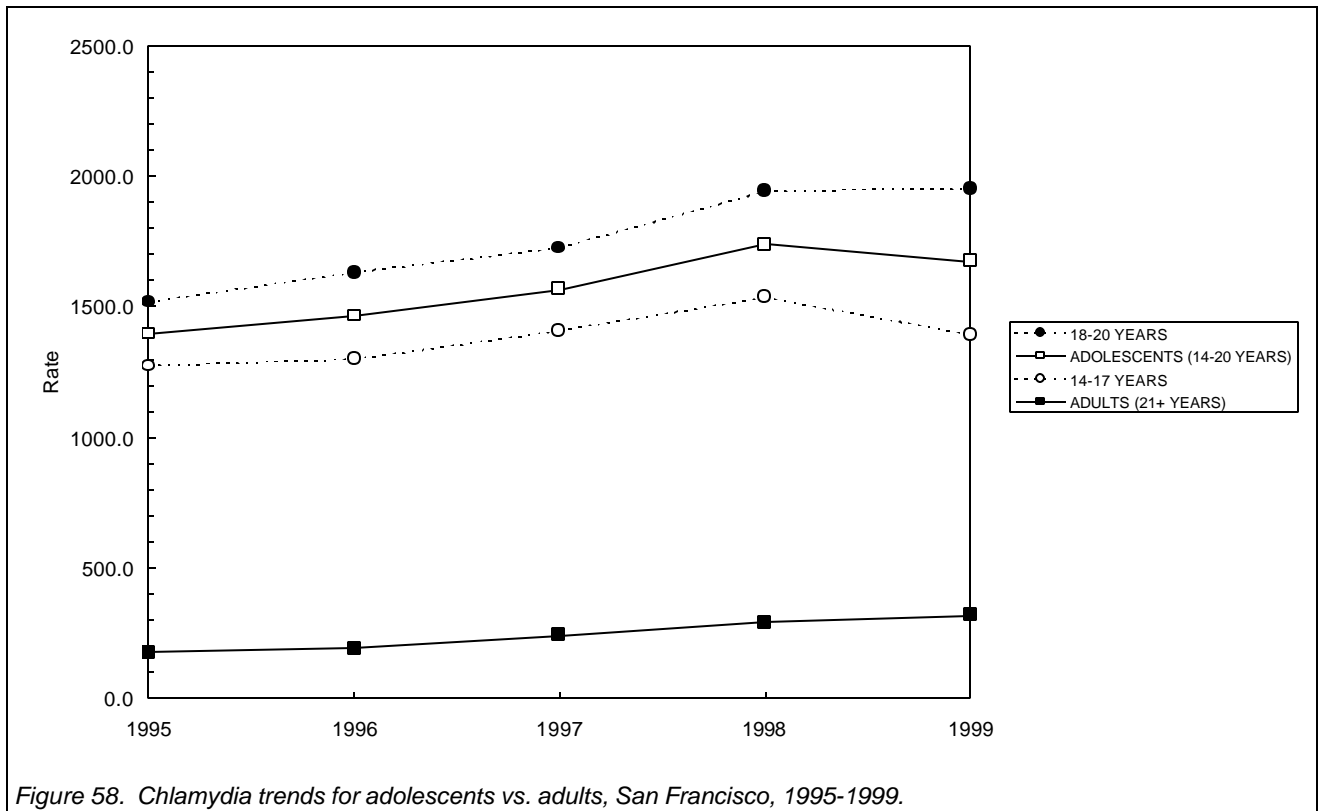


Figure 58. Chlamydia trends for adolescents vs. adults, San Francisco, 1995-1999.

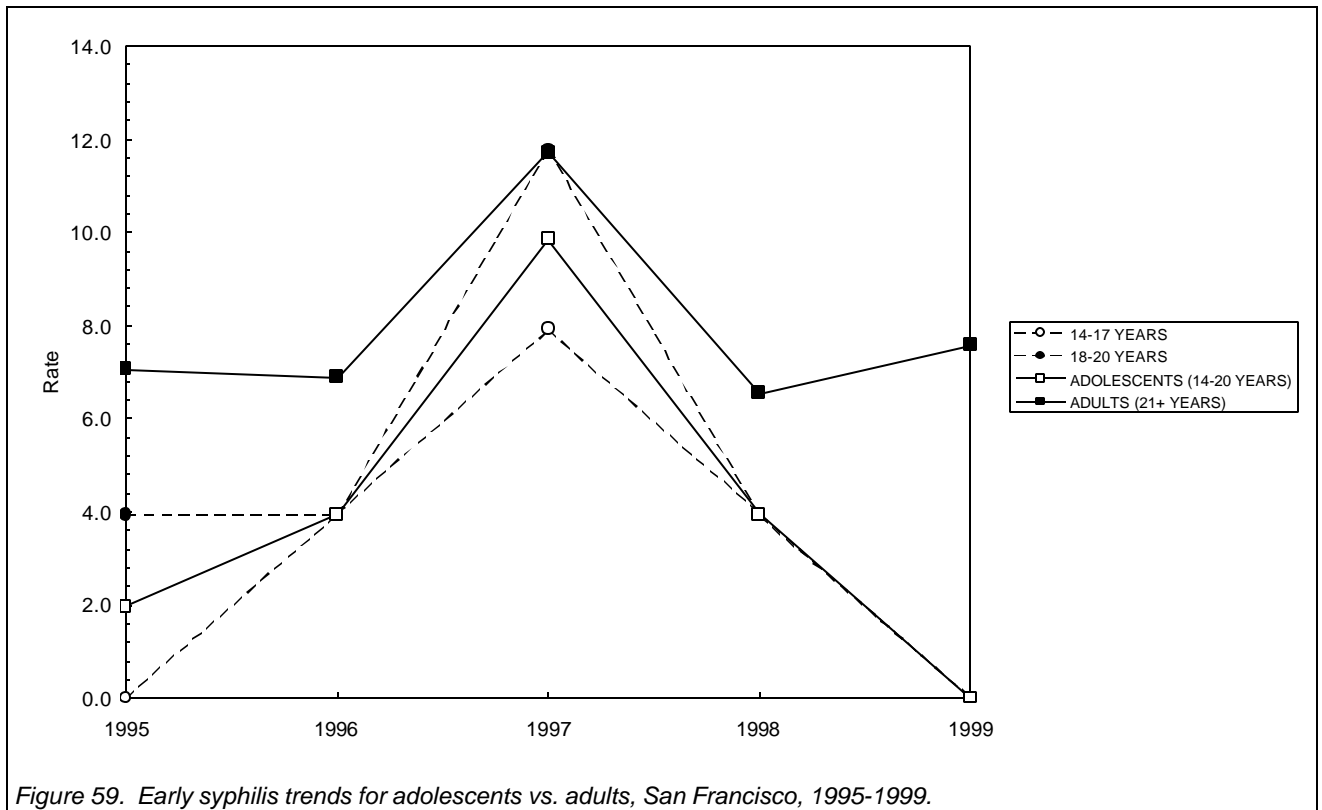


Figure 59. Early syphilis trends for adolescents vs. adults, San Francisco, 1995-1999.

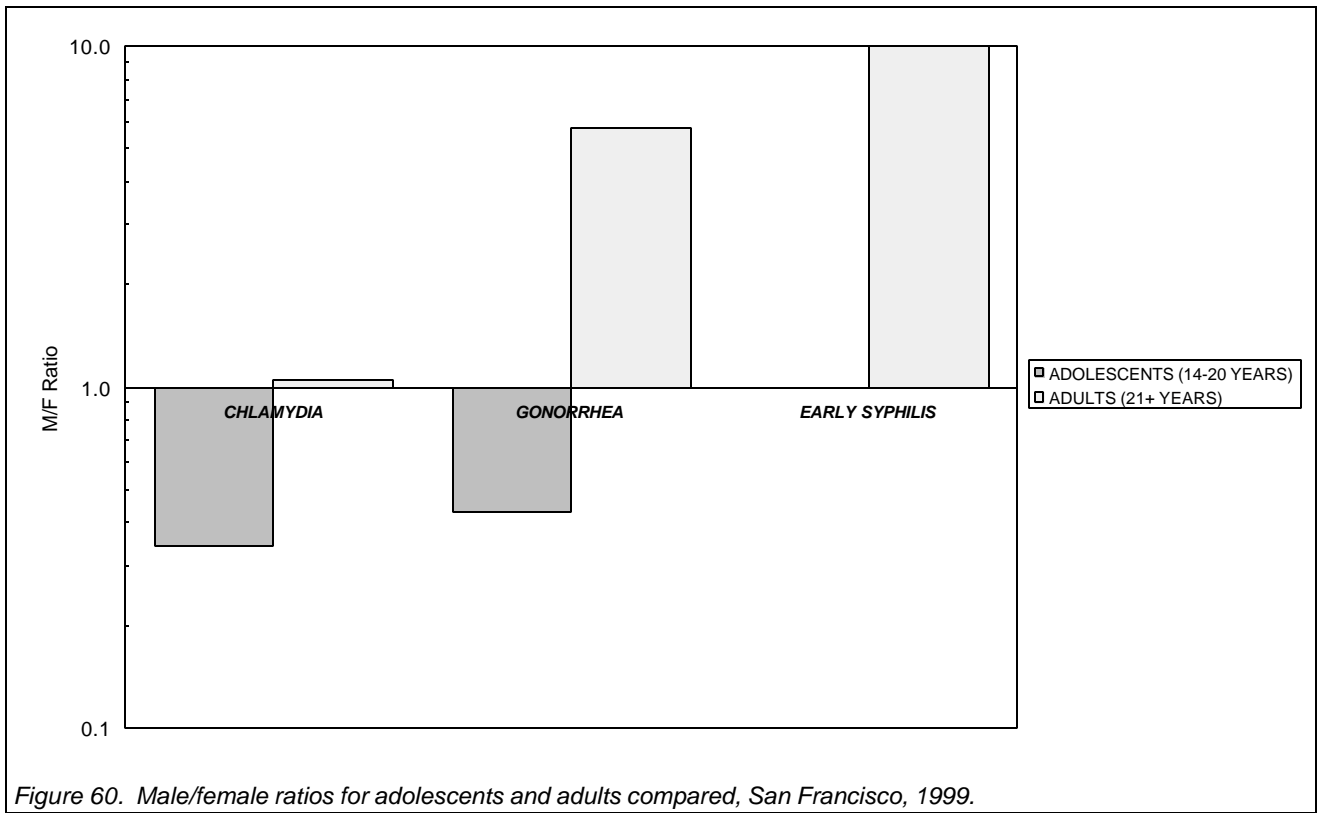


Figure 60. Male/female ratios for adolescents and adults compared, San Francisco, 1999.

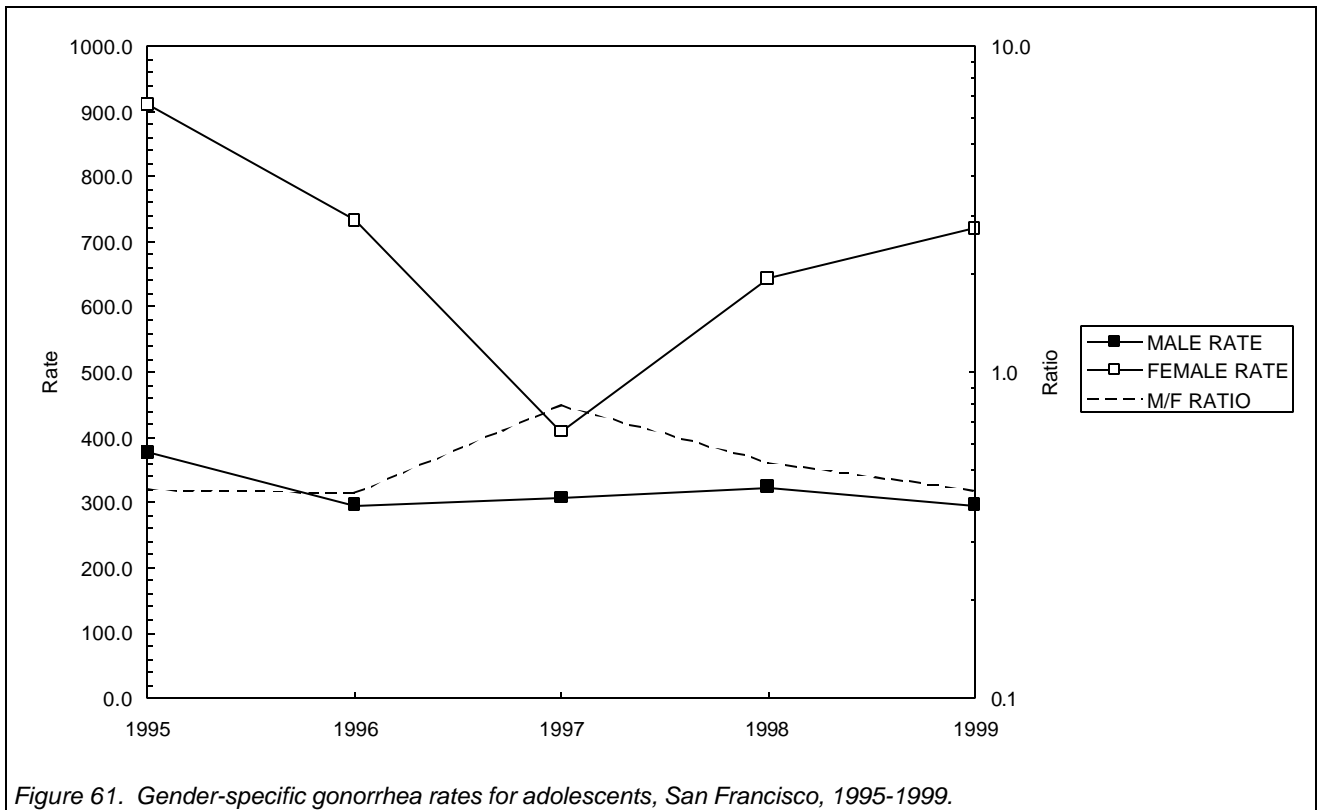


Figure 61. Gender-specific gonorrhea rates for adolescents, San Francisco, 1995-1999.

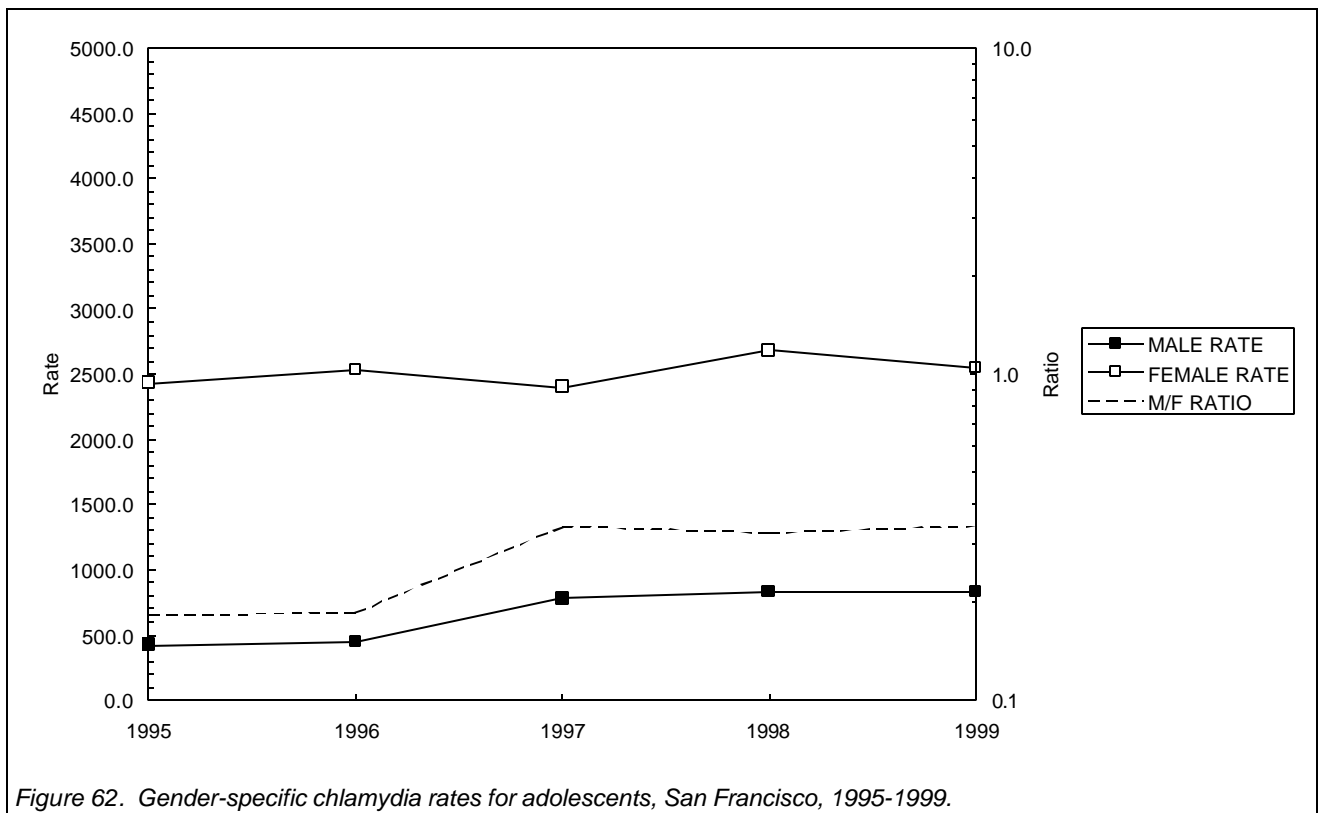


Figure 62. Gender-specific chlamydia rates for adolescents, San Francisco, 1995-1999.

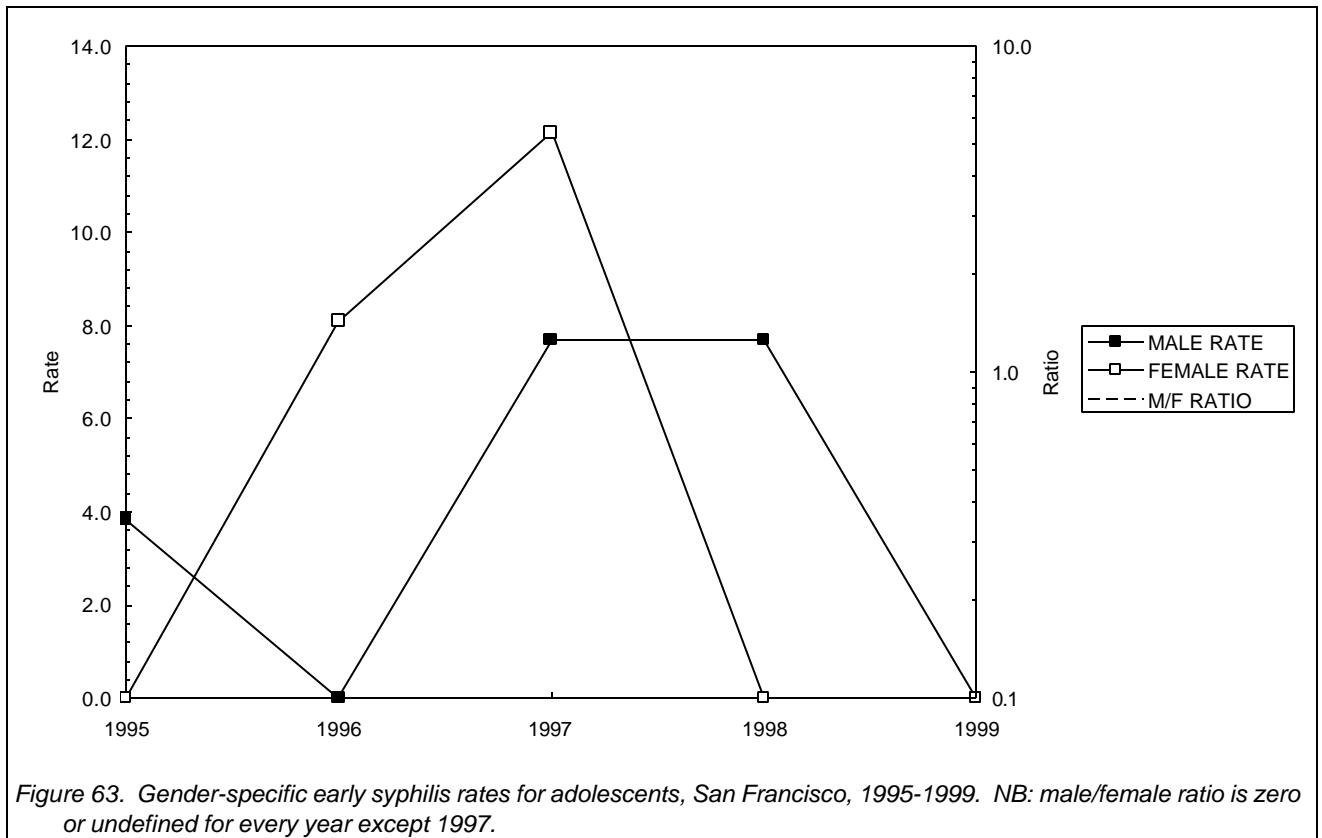
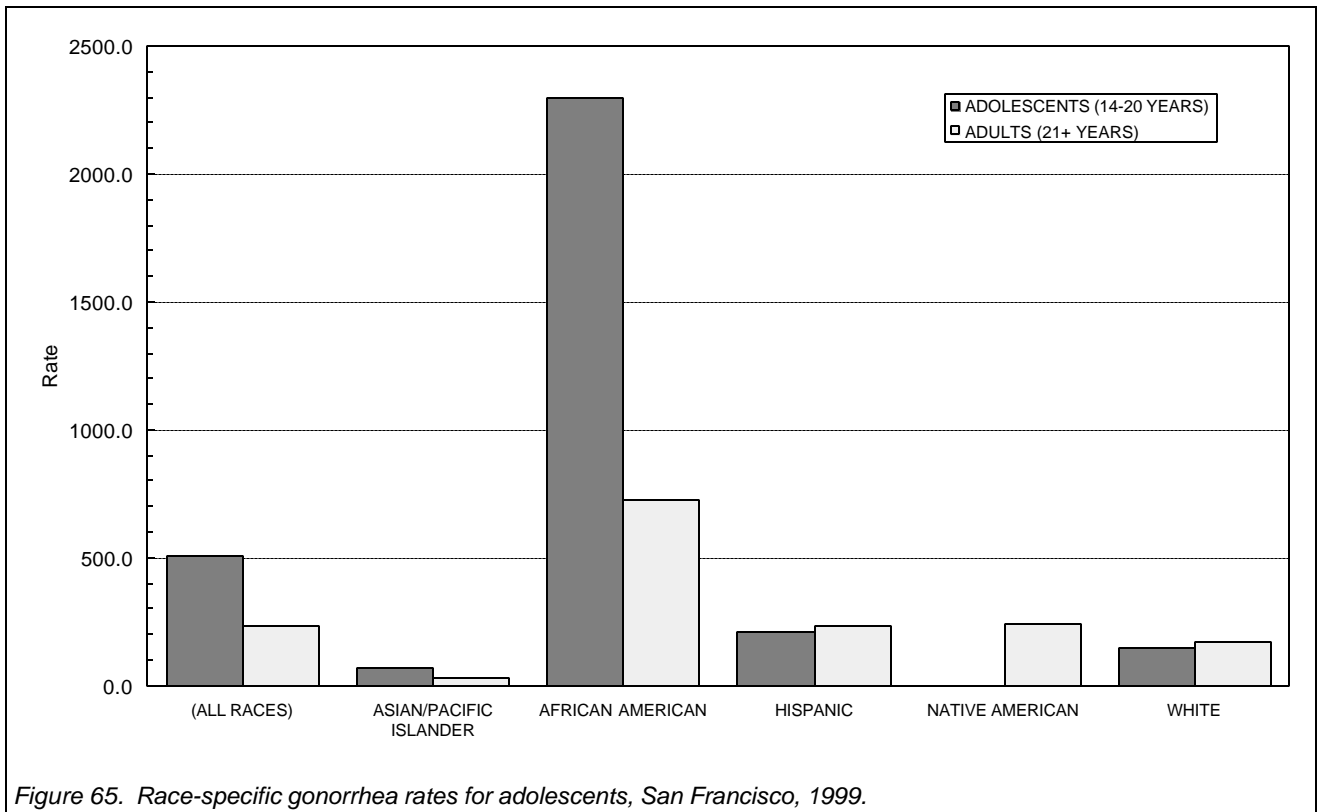
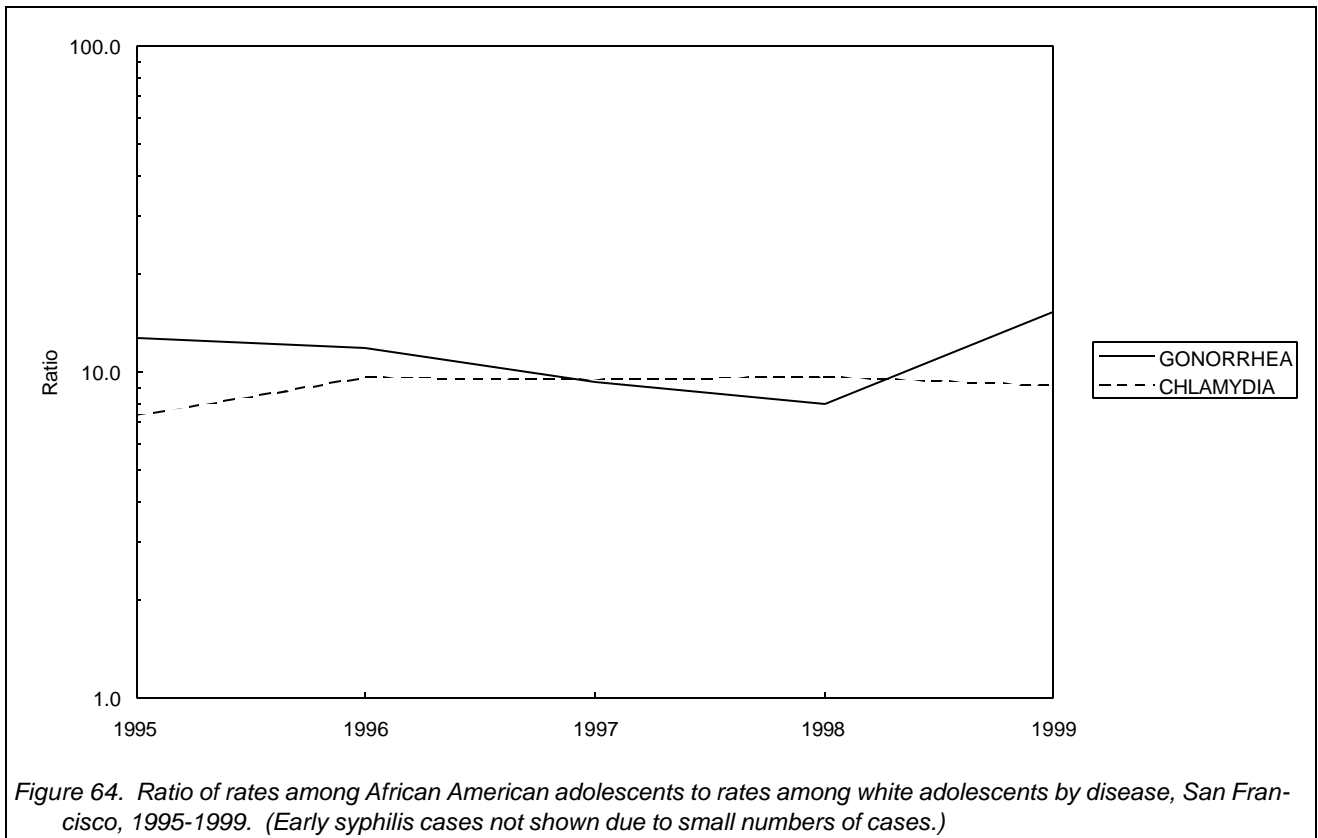


Figure 63. Gender-specific early syphilis rates for adolescents, San Francisco, 1995-1999. NB: male/female ratio is zero or undefined for every year except 1997.



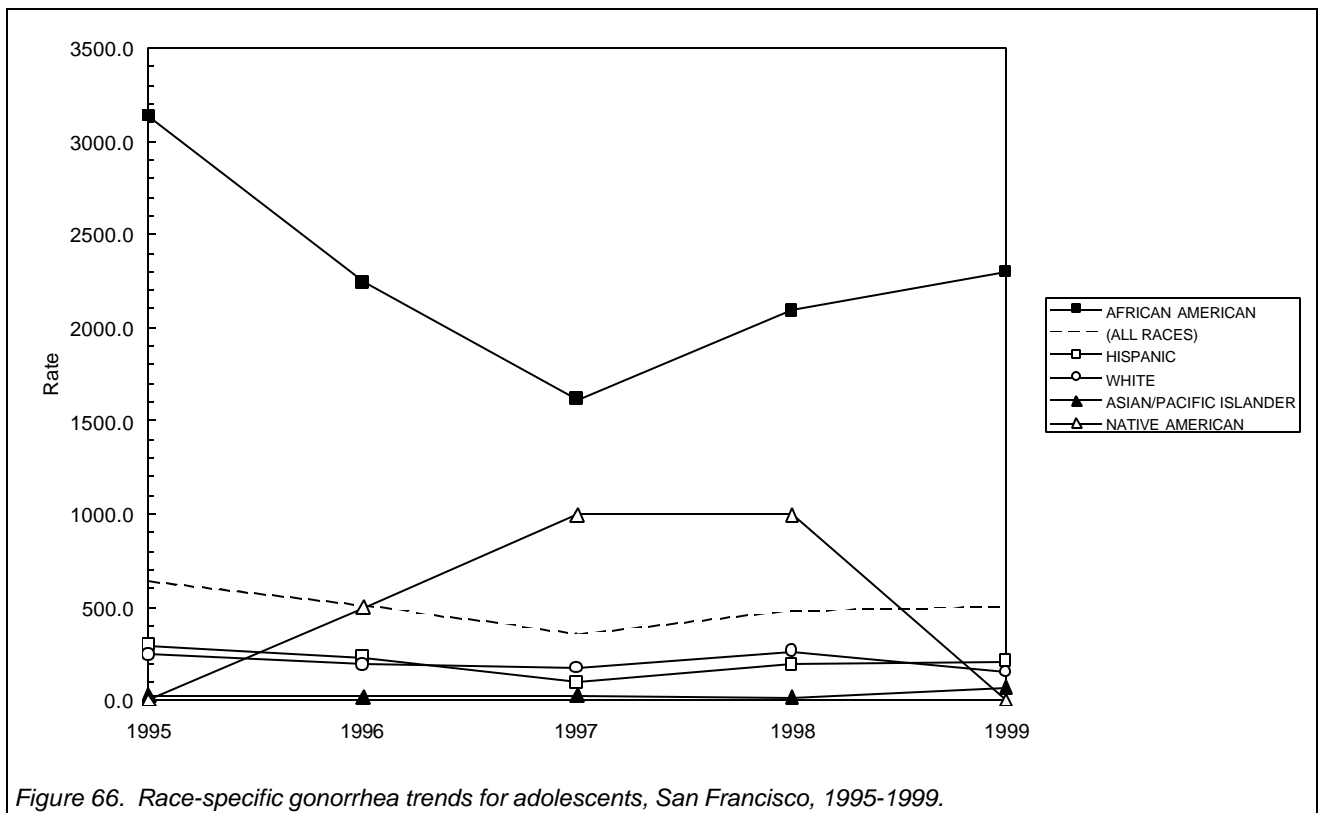


Figure 66. Race-specific gonorrhea trends for adolescents, San Francisco, 1995-1999.

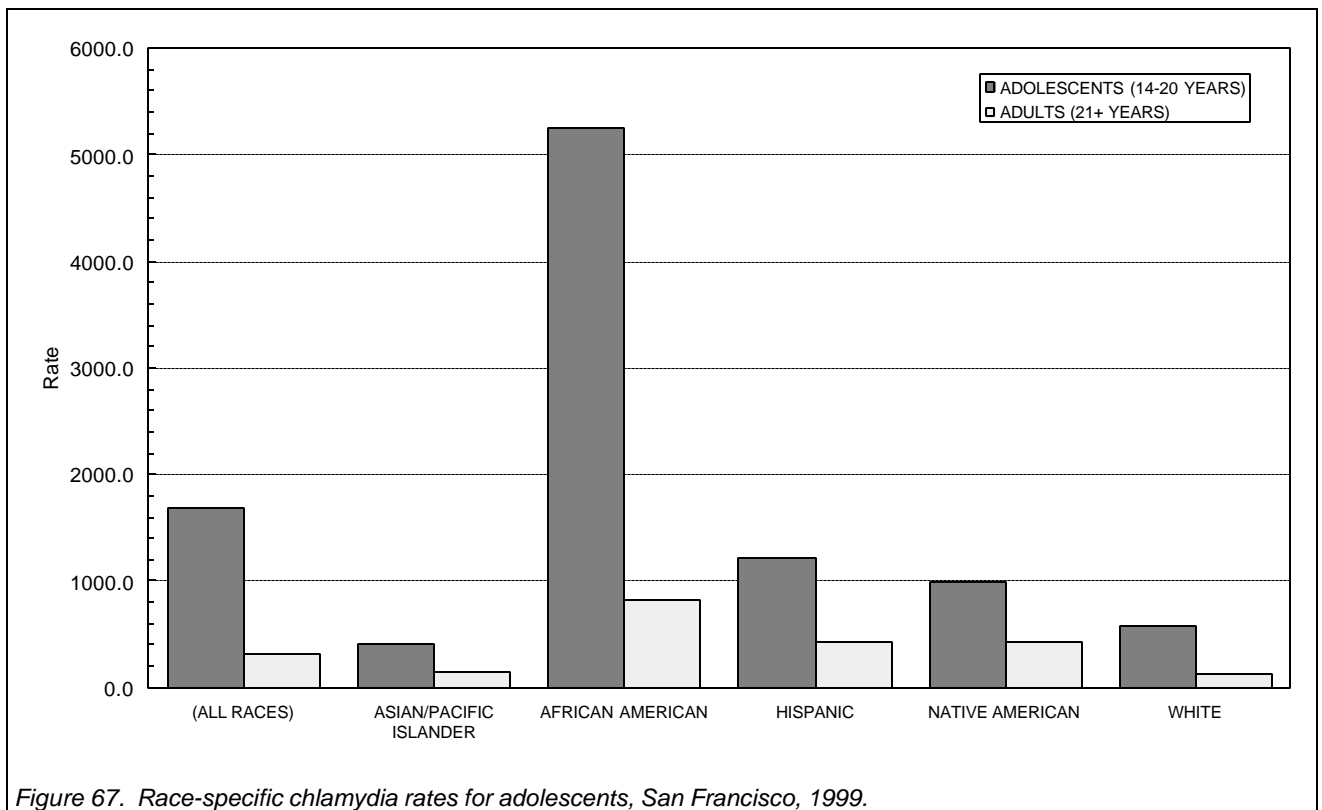


Figure 67. Race-specific chlamydia rates for adolescents, San Francisco, 1999.

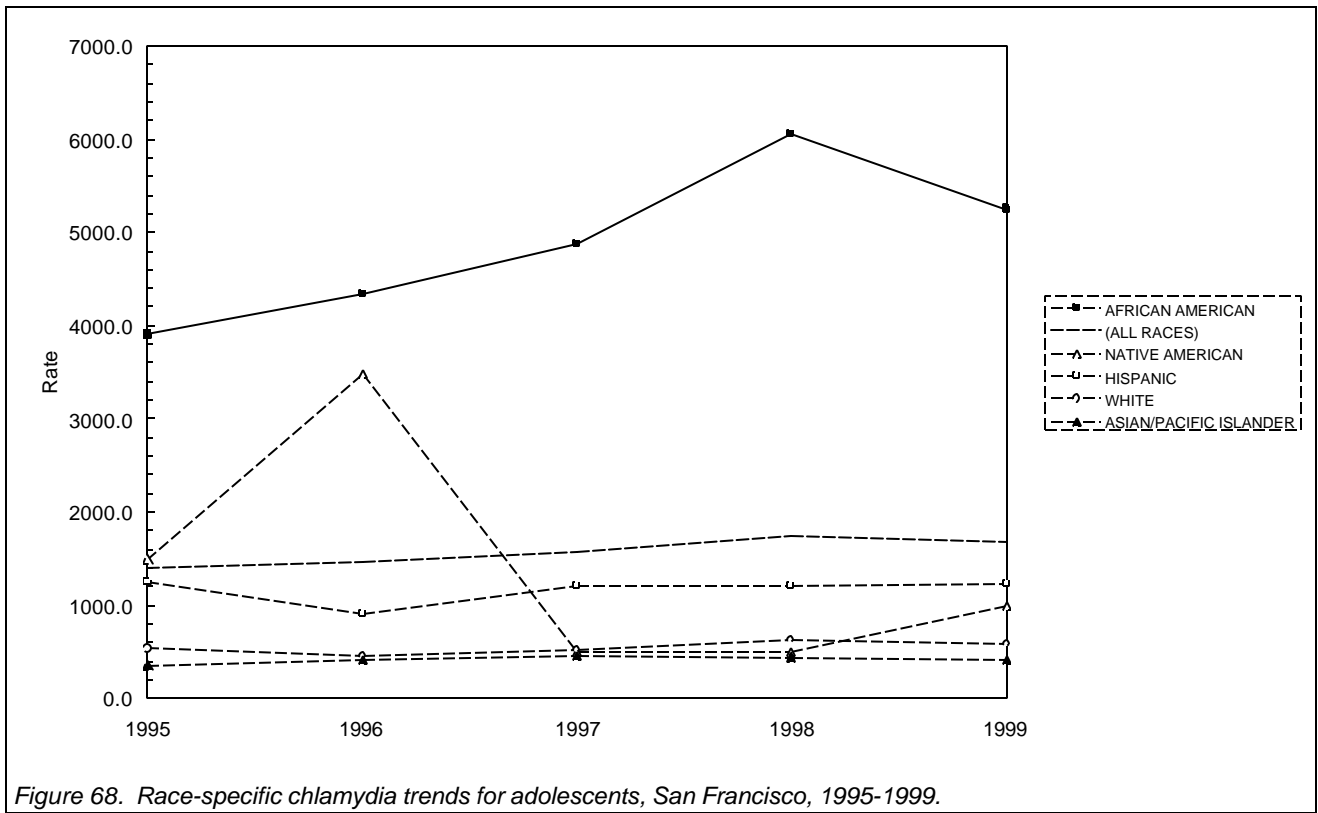


Figure 68. Race-specific chlamydia trends for adolescents, San Francisco, 1995-1999.

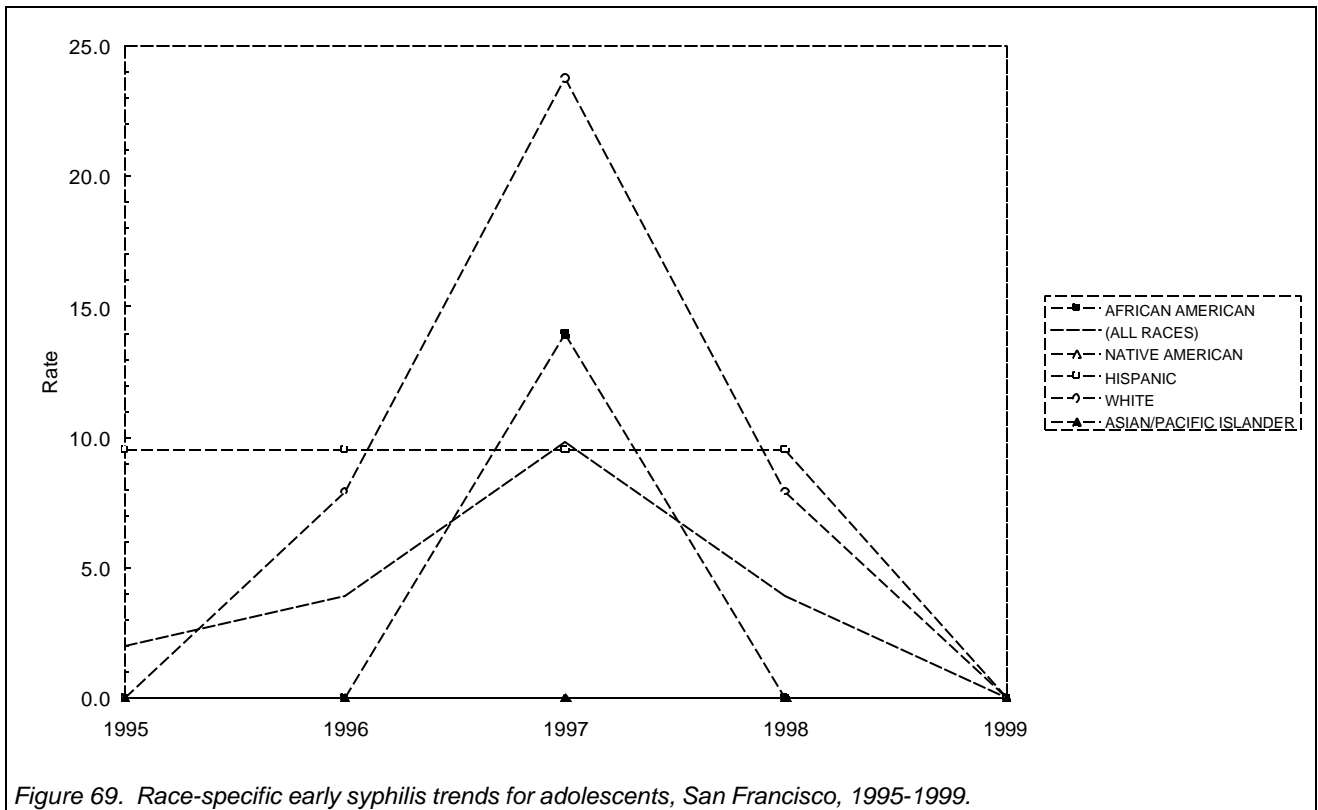


Figure 69. Race-specific early syphilis trends for adolescents, San Francisco, 1995-1999.

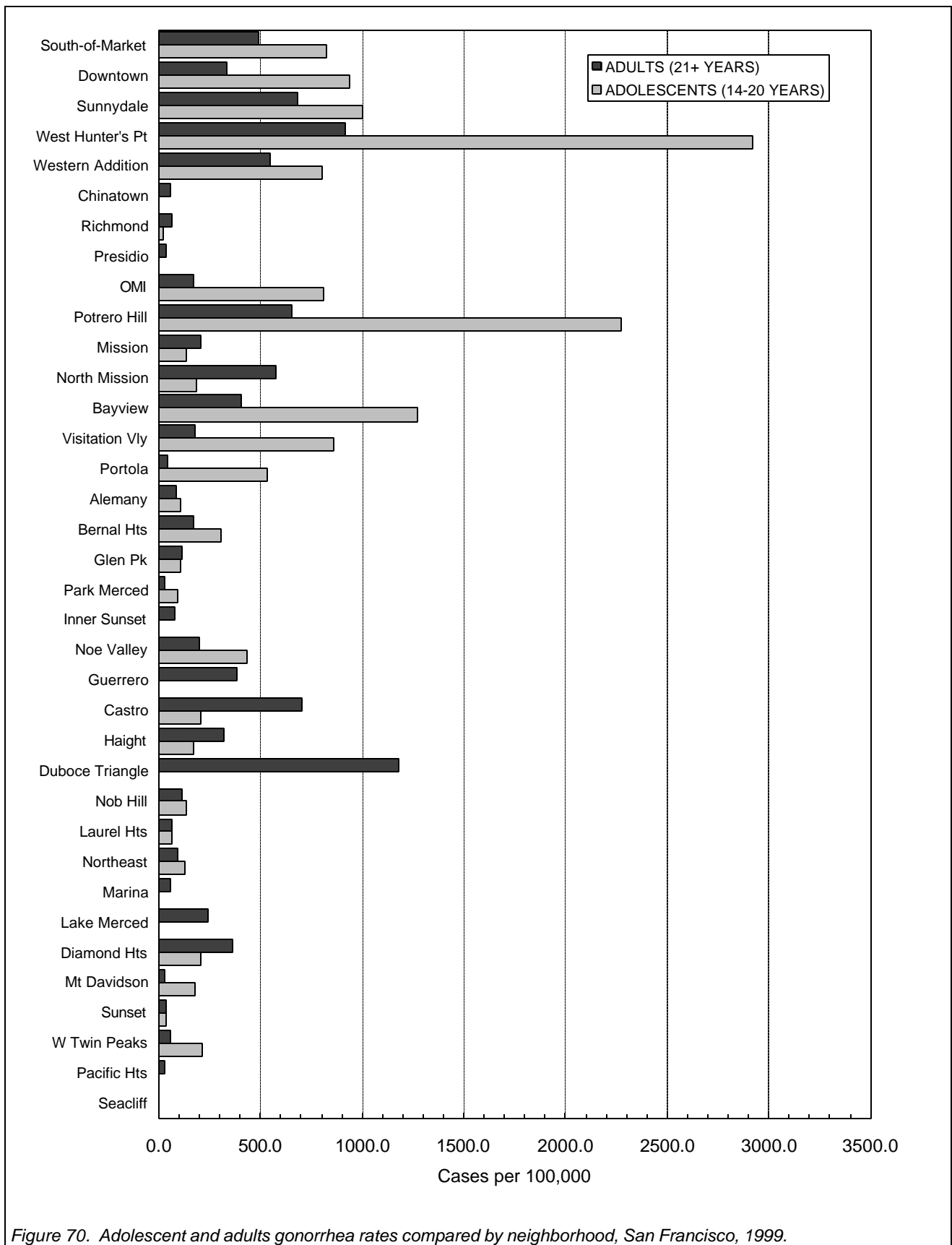
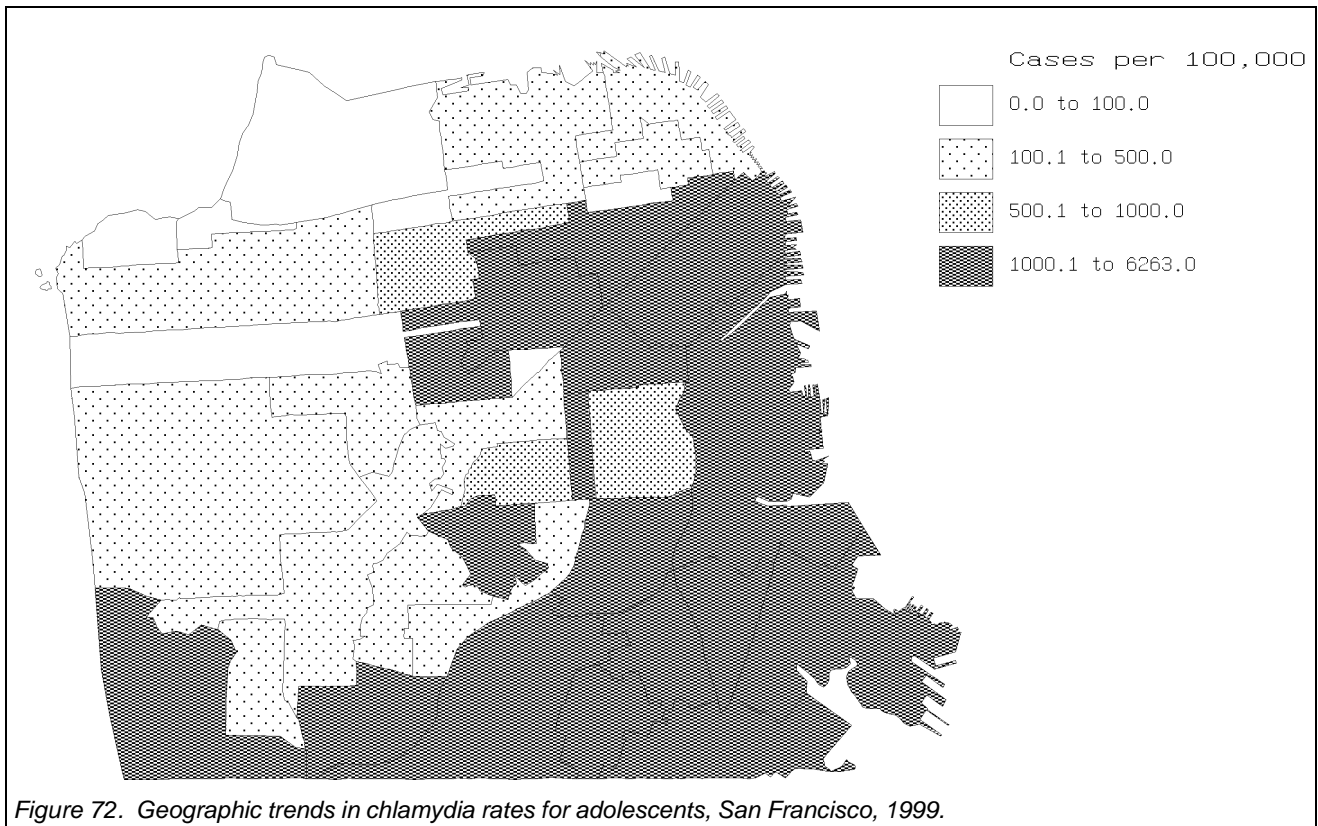
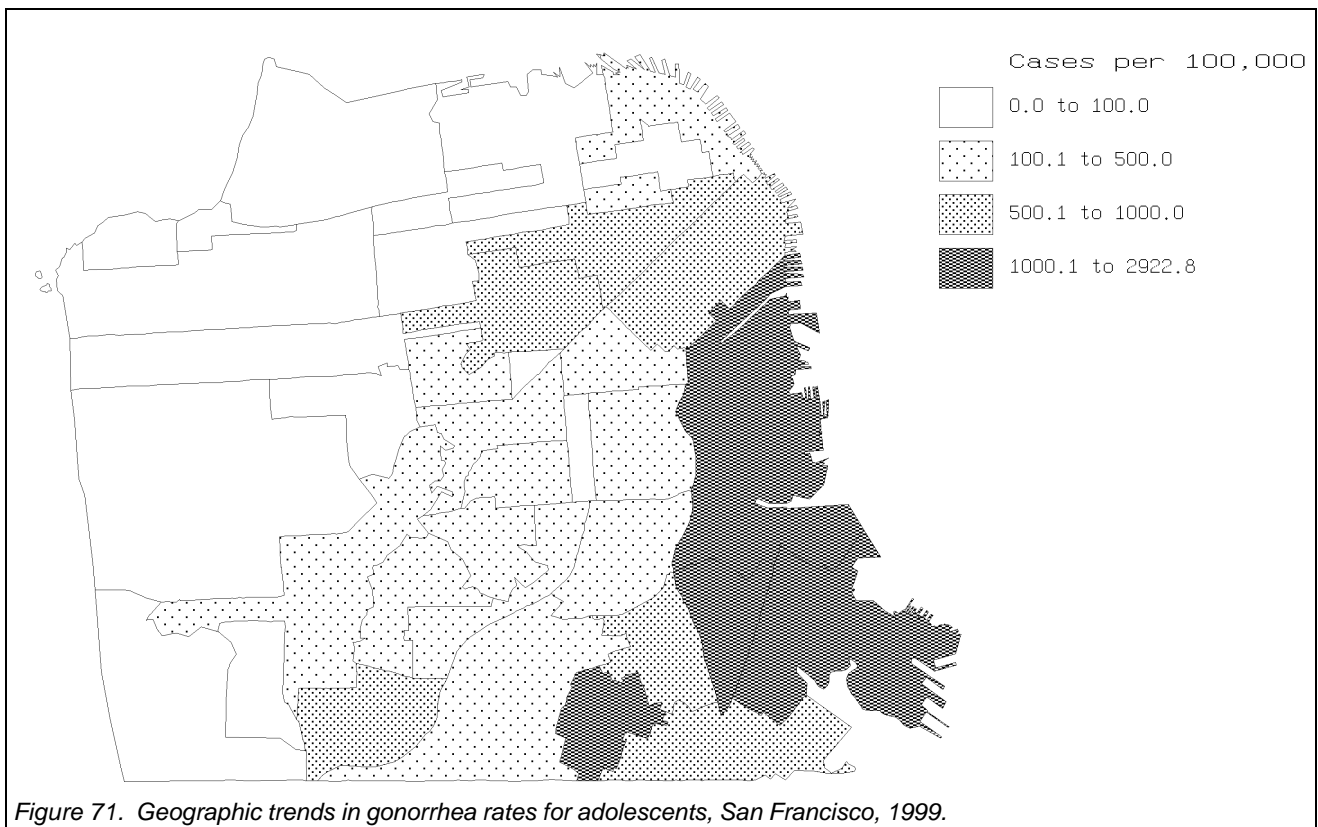


Figure 70. Adolescent and adults gonorrhea rates compared by neighborhood, San Francisco, 1999.



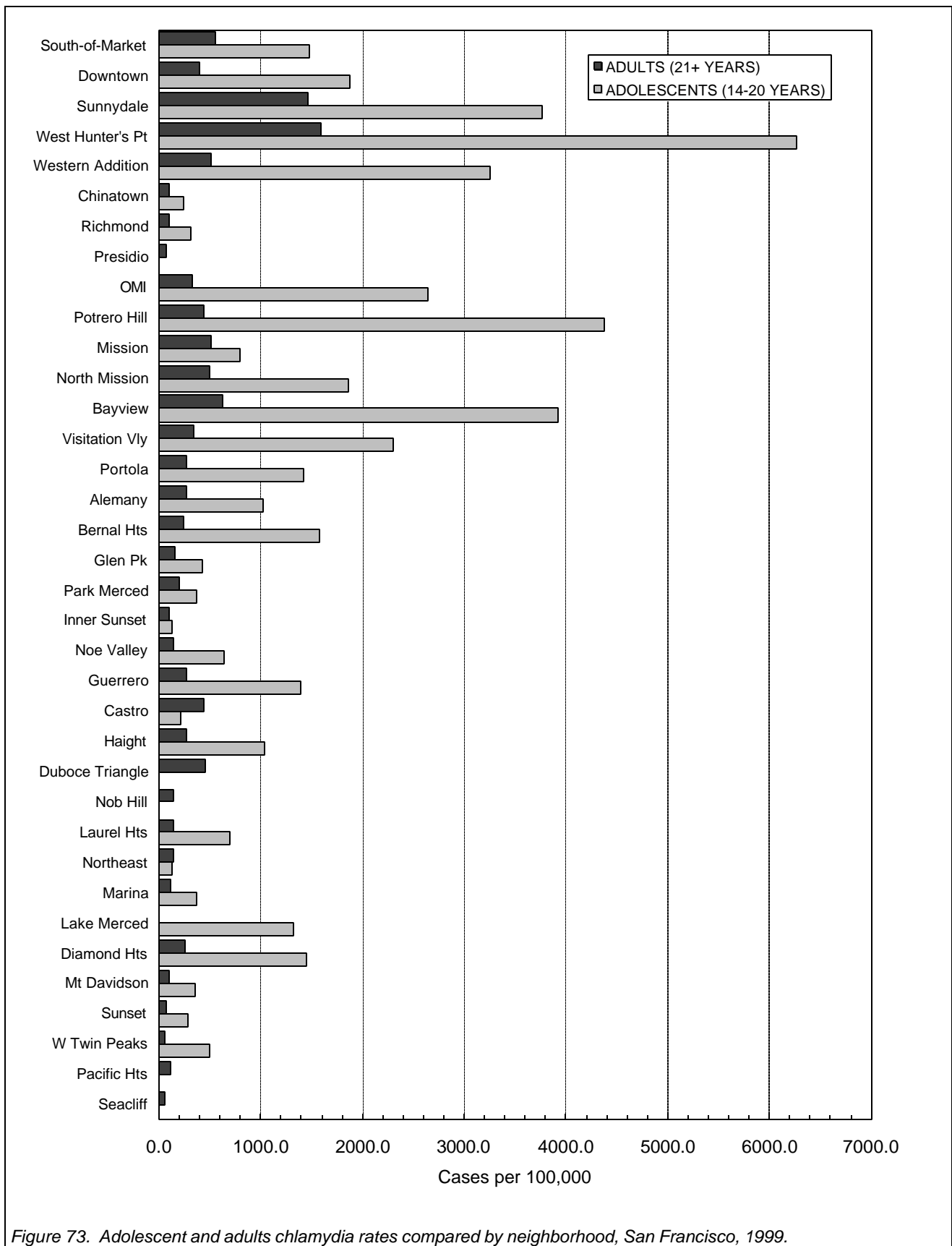
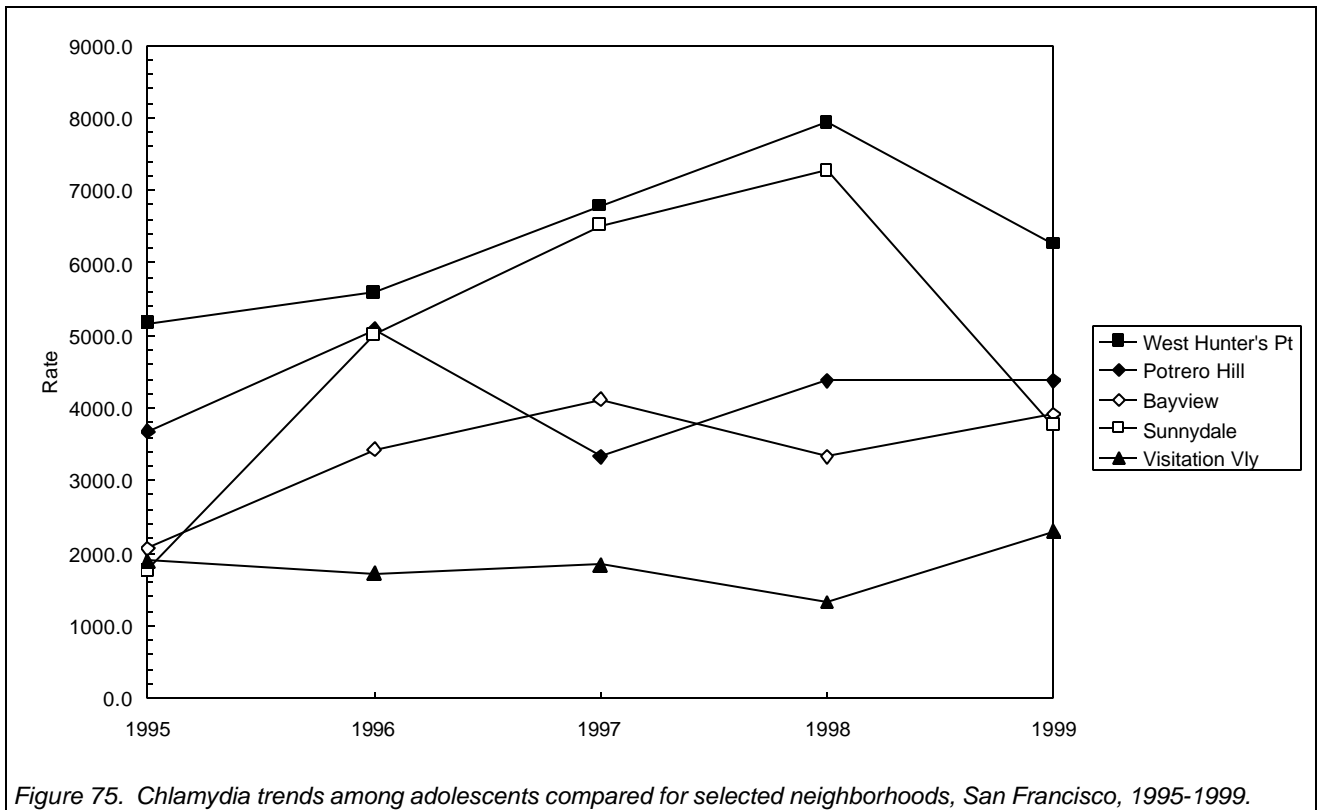
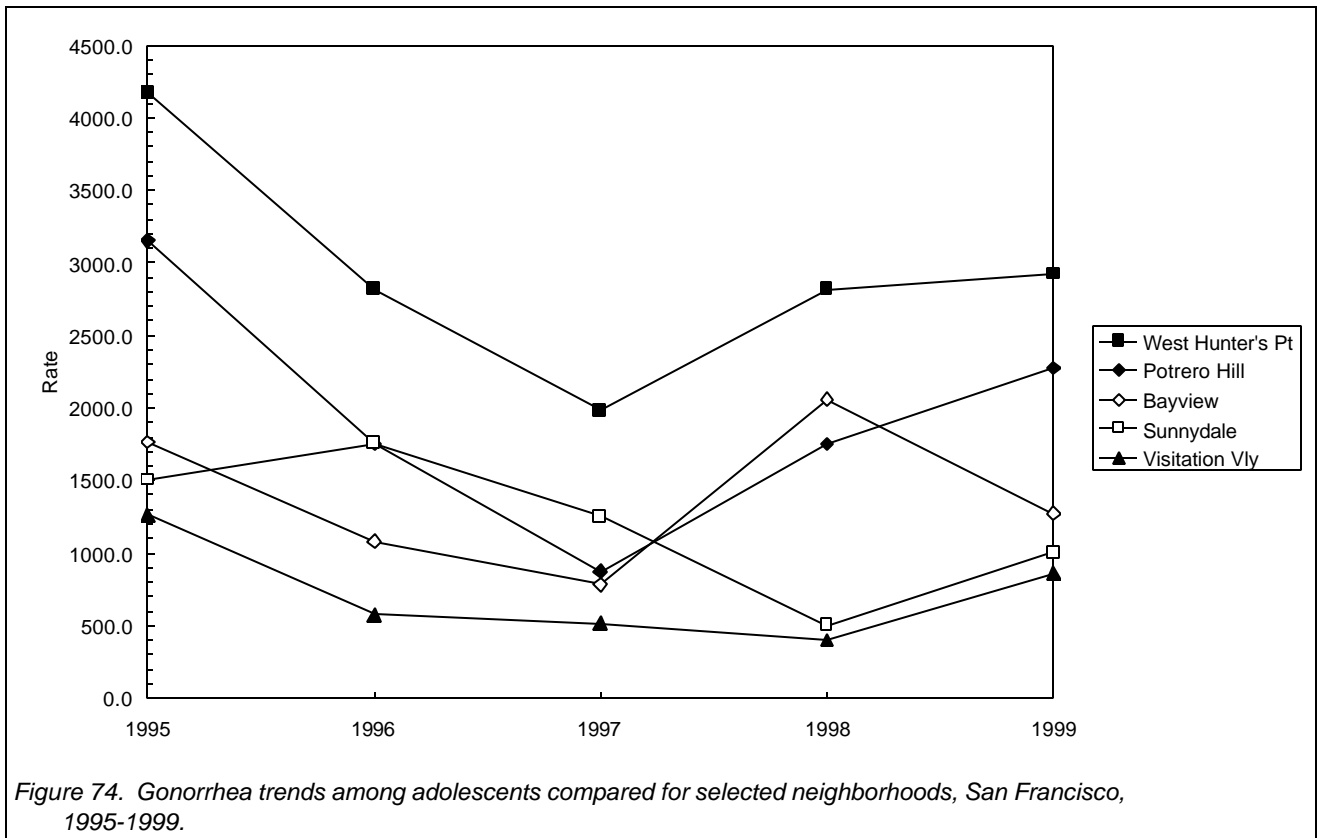
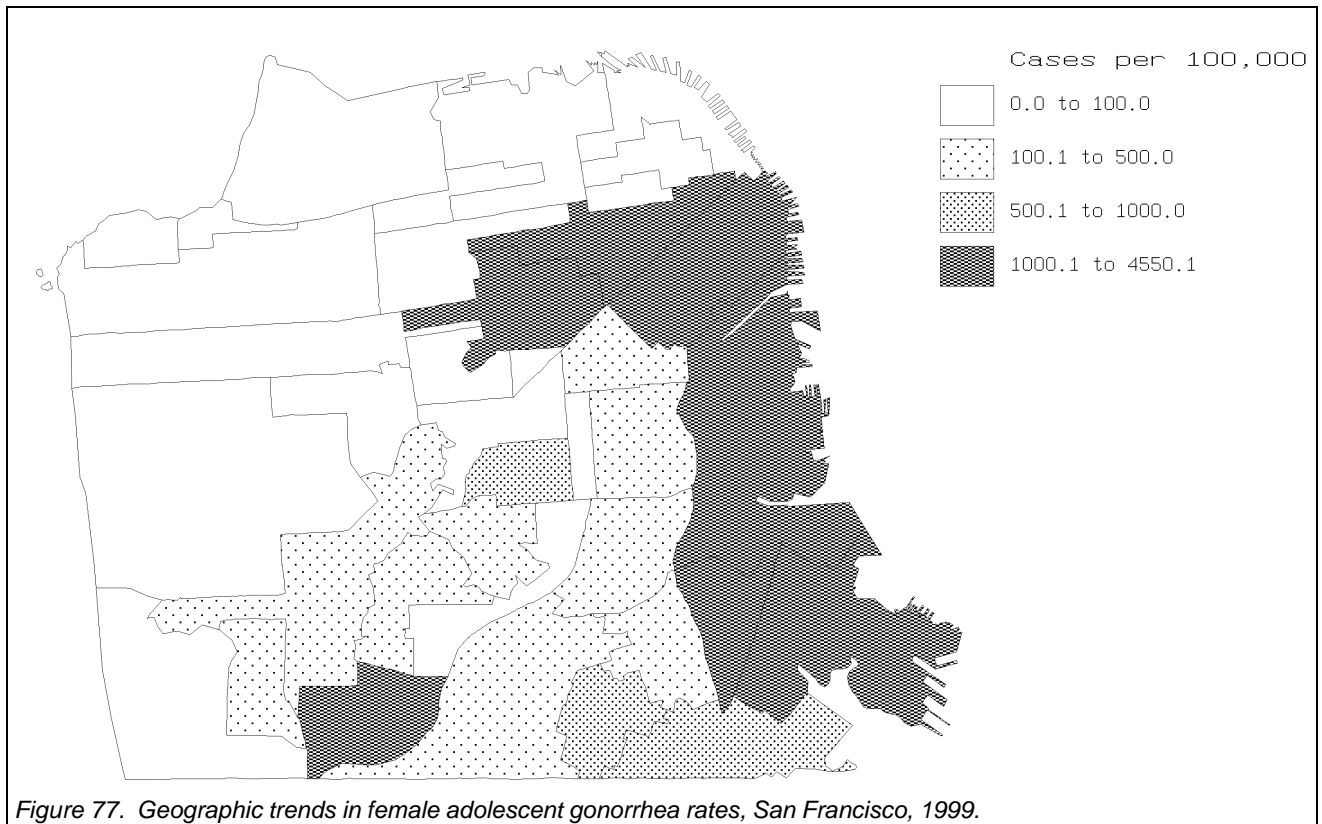
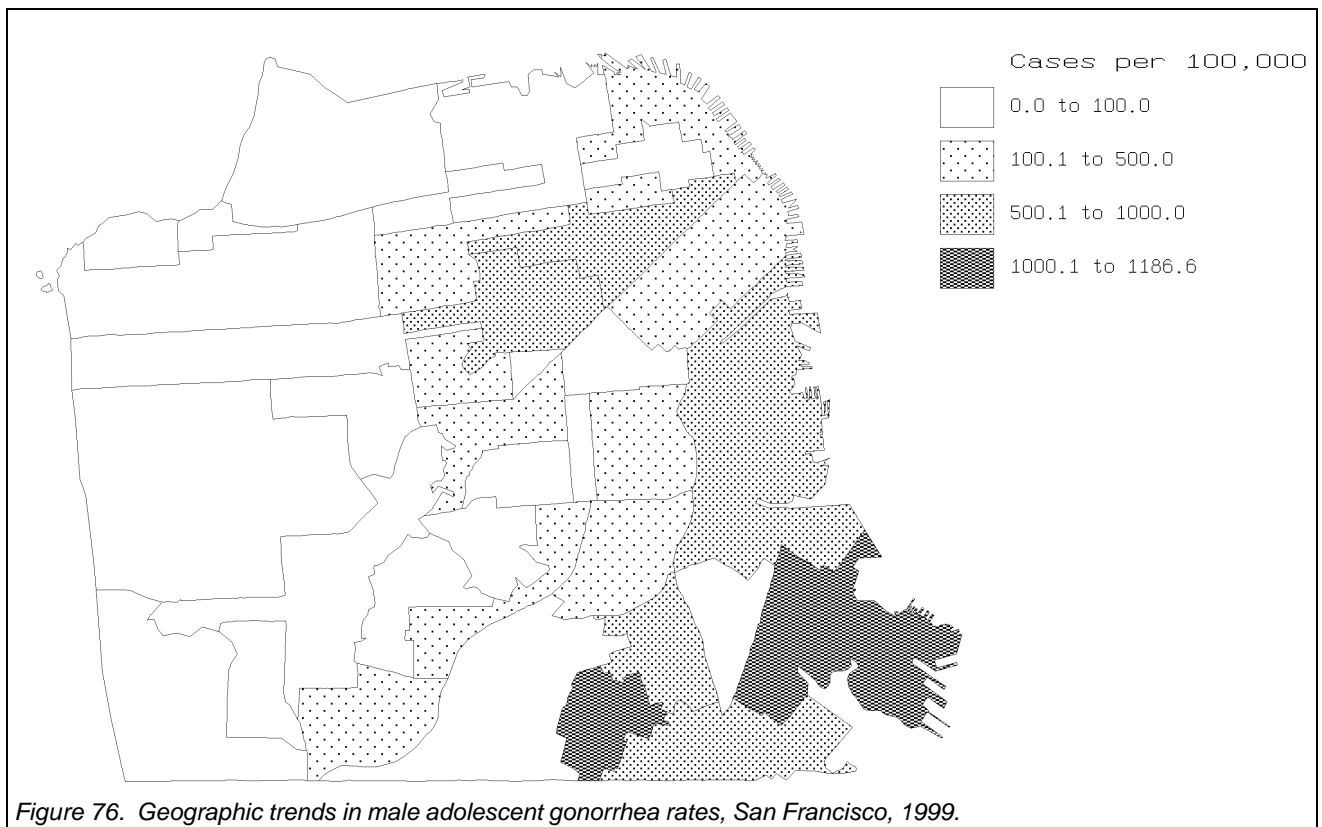


Figure 73. Adolescent and adults chlamydia rates compared by neighborhood, San Francisco, 1999.





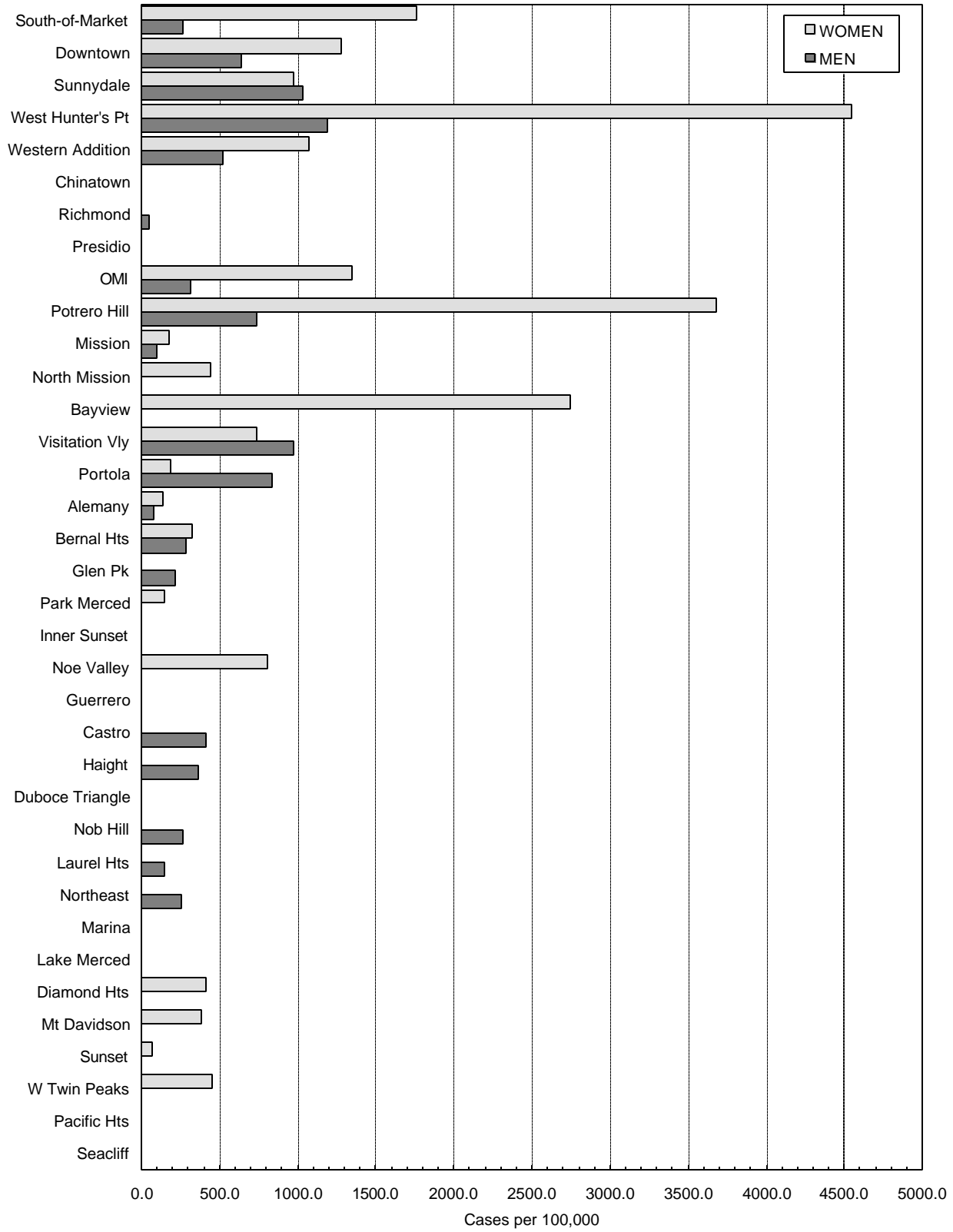
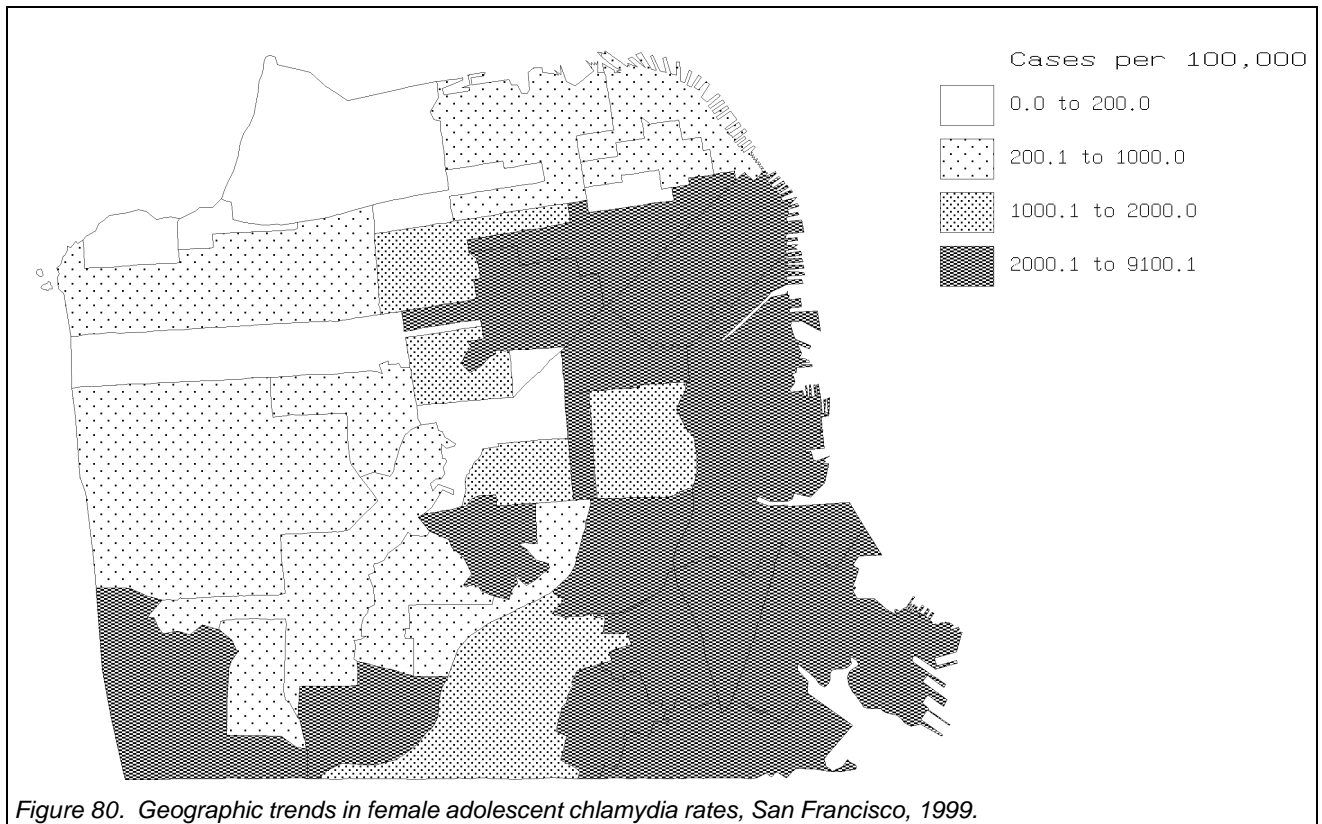
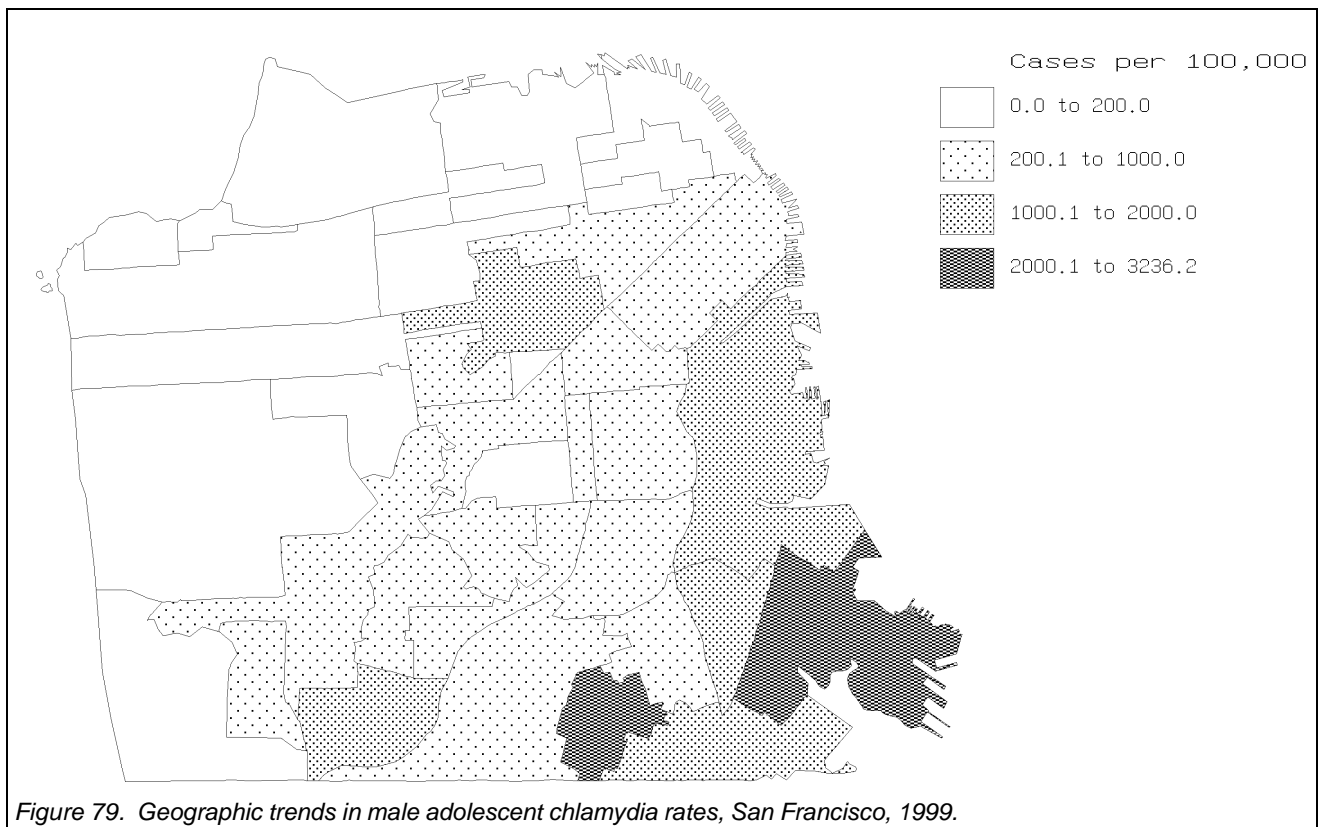


Figure 78. Adolescent male and female gonorrhea rates compared by neighborhood, 1999.



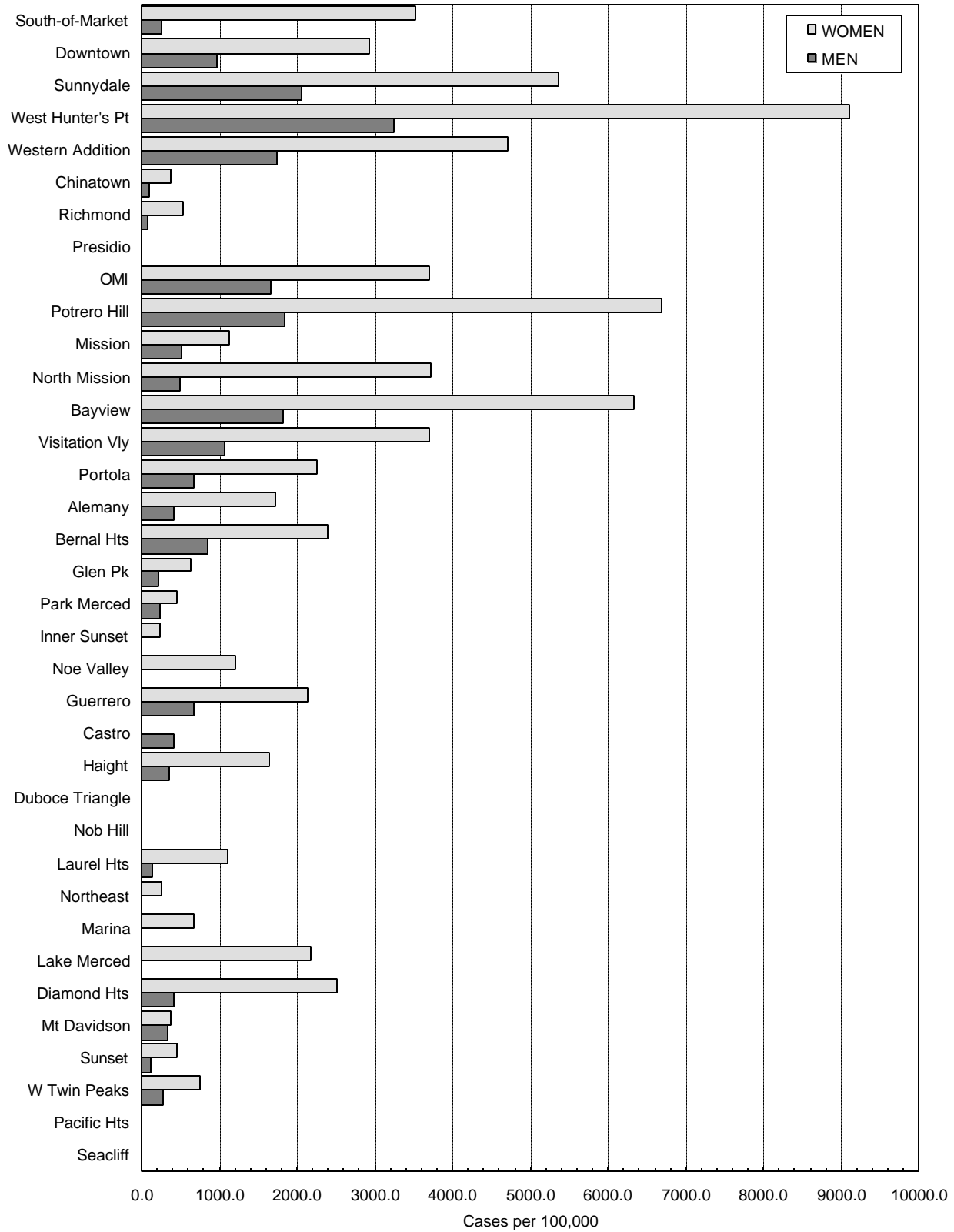
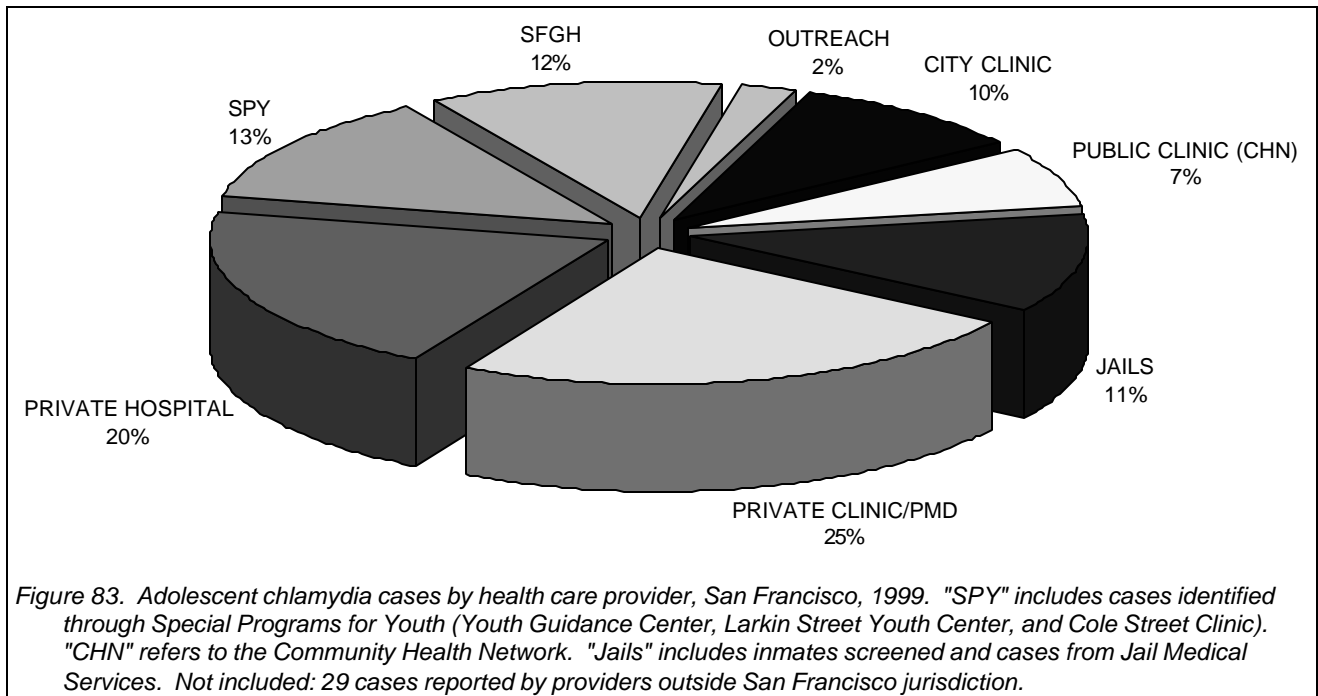
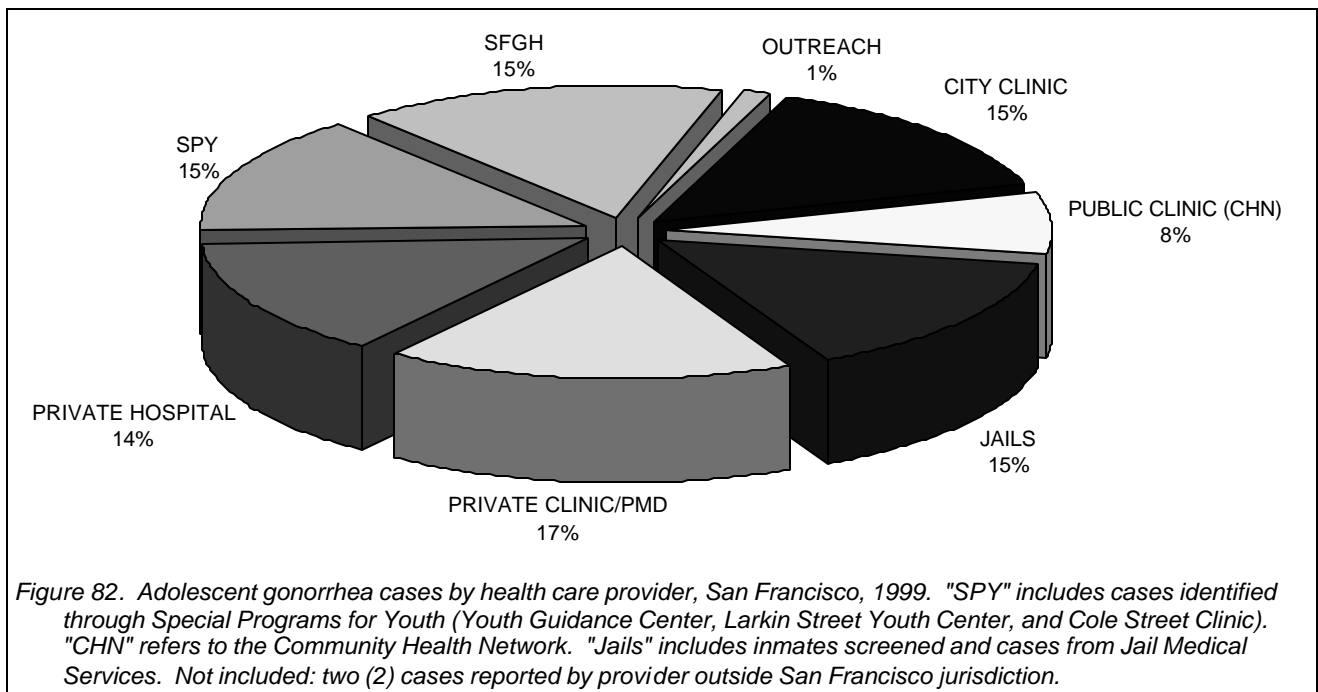


Figure 81. Adolescent male and female chlamydia rates compared by neighborhood, 1999.



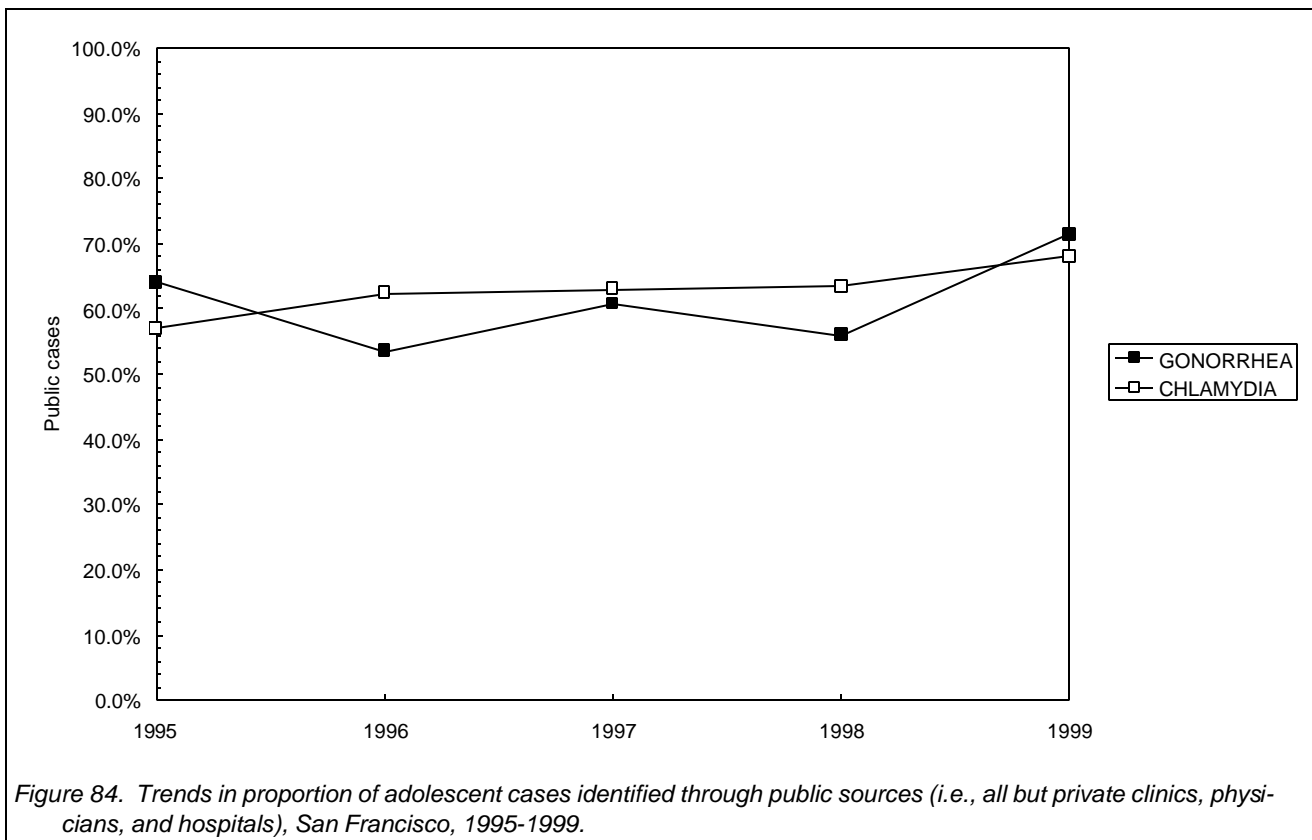


Table 15. STD cases and rates for adolescents and adults compared, San Francisco, 1995-1999.

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Age group										
ADOLESCENT (14-20 YRS)	709	744	796	883	850	1397.4	1466.4	1568.9	1740.4	1675.3
14-17 YRS	322	328	356	388	352	1274.7	1298.4	1409.3	1536.0	1393.5
18-20 YRS	387	416	440	495	498	1519.1	1633.0	1727.2	1943.1	1954.9
ADULT (21+ YRS)	1,014	1,101	1,407	1,683	1,840	174.6	189.6	242.3	289.9	316.9

Cases of GONORRHEA

Age group										
ADOLESCENT (14-20 YRS)	323	258	181	243	255	636.6	508.5	356.7	478.9	502.6
14-17 YRS	128	104	72	101	104	506.7	411.7	285.0	399.8	411.7
18-20 YRS	195	154	109	142	151	765.5	604.5	427.9	557.4	592.7
ADULT (21+ YRS)	1,296	1,170	1,304	1,577	1,338	223.2	201.5	224.6	271.6	230.4

Cases of EARLY SYPHILIS

Age group										
ADOLESCENT (14-20 YRS)	1	2	5	2	0	2.0	3.9	9.9	3.9	0.0
14-17 YRS	0	1	2	1	0	0.0	4.0	7.9	4.0	0.0
18-20 YRS	1	1	3	1	0	3.9	3.9	11.8	3.9	0.0
ADULT (21+ YRS)	41	40	68	38	44	7.1	6.9	11.7	6.5	7.6

Table 16. Adolescent cases by disease and health care provider, San Francisco, 1995-1999.

Cases of		Reported cases					Percent of reports				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
		CHLAMYDIA	(ALL PROVIDERS)	709	744	796	883	850	100%	100%	100%
	Reported by										
	OOJ PROVIDERS	29	22	20	23	29	4.0%	2.9%	2.5%	2.6%	3.4%
	CITY CLINIC	100	75	69	71	80	14.1%	10.0%	8.6%	8.0%	9.4%
	PUBLIC CLINIC (CHN)	27	33	55	65	60	3.8%	4.4%	6.9%	7.3%	7.0%
	JAILS	2	23	83	94	94	0.2%	3.0%	10.4%	10.6%	11.0%
	PRIVATE CLINIC/PMD	166	222	198	208	198	23.4%	29.8%	24.8%	23.5%	23.2%
	PRIVATE HOSPITAL	239	199	162	161	165	33.7%	26.7%	20.3%	18.2%	19.4%
	SPEC PROG YOUTH	66	81	132	162	107	9.3%	10.8%	16.5%	18.3%	12.5%
	SFGH	78	78	71	86	98	11.0%	10.4%	8.9%	9.7%	11.5%
	OUTREACH	2	11	6	13	19	0.2%	1.4%	0.7%	1.4%	2.2%
GONORRHEA	(ALL PROVIDERS)	323	258	181	243	255	100%	100%	100%	100%	100%
	Reported by										
	OOJ PROVIDERS	1	5	2	1	2	0.3%	1.9%	1.1%	0.4%	0.7%
	CITY CLINIC	65	39	28	26	37	20.1%	15.1%	15.4%	10.6%	14.5%
	PUBLIC CLINIC (CHN)	18	18	17	16	19	5.5%	6.9%	9.3%	6.5%	7.4%
	JAILS	6	5	20	19	38	1.8%	1.9%	11.0%	7.8%	14.9%
	PRIVATE CLINIC/PMD	64	39	23	46	44	19.8%	15.1%	12.7%	18.9%	17.2%
	PRIVATE HOSPITAL	92	80	43	52	36	28.4%	31.0%	23.7%	21.3%	14.1%
	SPEC PROG YOUTH	24	40	28	55	37	7.4%	15.5%	15.4%	22.6%	14.5%
	SFGH	51	32	19	24	39	15.7%	12.4%	10.4%	9.8%	15.2%
	OUTREACH	2	0	1	4	3	0.6%	0	0.5%	1.6%	1.1%
EARLY SYPHILIS	(ALL PROVIDERS)	1	2	5	2	0	100%	100%	100%	100%	0
	Reported by										
	CITY CLINIC	1	1	4	0	0	100%	50.0%	80.0%	0	0
	JAILS	0	0	1	0	0	0	0	20.0%	0	0
	PRIVATE CLINIC/PMD	0	0	0	1	0	0	0	0	50.0%	0
	SFGH	0	1	0	1	0	0	50.0%	0	50.0%	0

I. Congenital Syphilis

Only one case of congenital syphilis was reported in 1999, for a rate of 12.3 cases per 100,000 live births per year. This was the same number as 1998, and is the fewest number of cases reported since 1988.

The current rate is below the original *Healthy People for the Year 2000* objective of 50 cases per 100,000 live births per year and the revised objective of 40 cases per 100,000 live births per year. The revised objective is 175 for African Americans and 135 for Hispanics; the one infant with congenital syphilis in 1999 was born to a Hispanic mother, which gave us a rate of 55.9 for Hispanics.

The one reported case was not diagnosed with congenital syphilis; this infant was classified as a case based on inadequate treatment for syphilis for the mother. No stillbirths were reported in 1999.

Increases in early syphilis among women of childbearing age (i.e., 15-44 years old) between 1995 and 1997 did not result in more congenital syphilis cases (see Figure 86); however, as the number of female cases decreased between 1997 and 1999, the number of congenital cases also decreased.

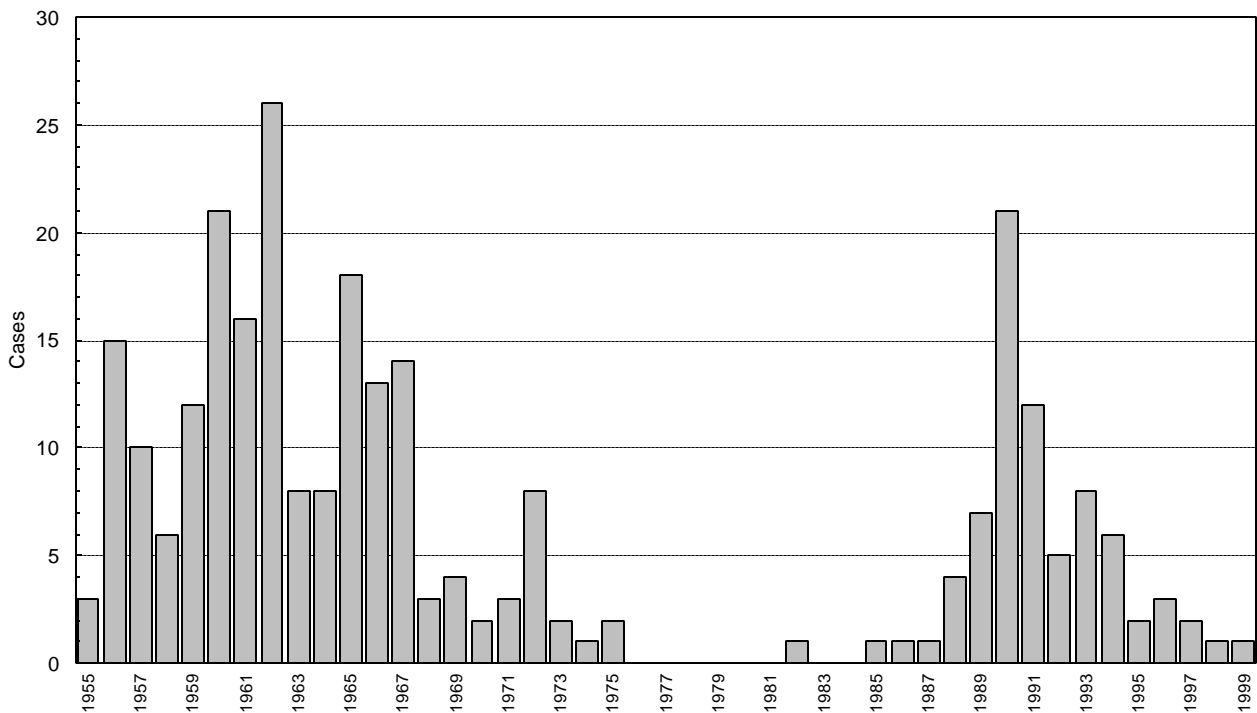


Figure 85. Congenital syphilis cases, San Francisco, 1955-1999.

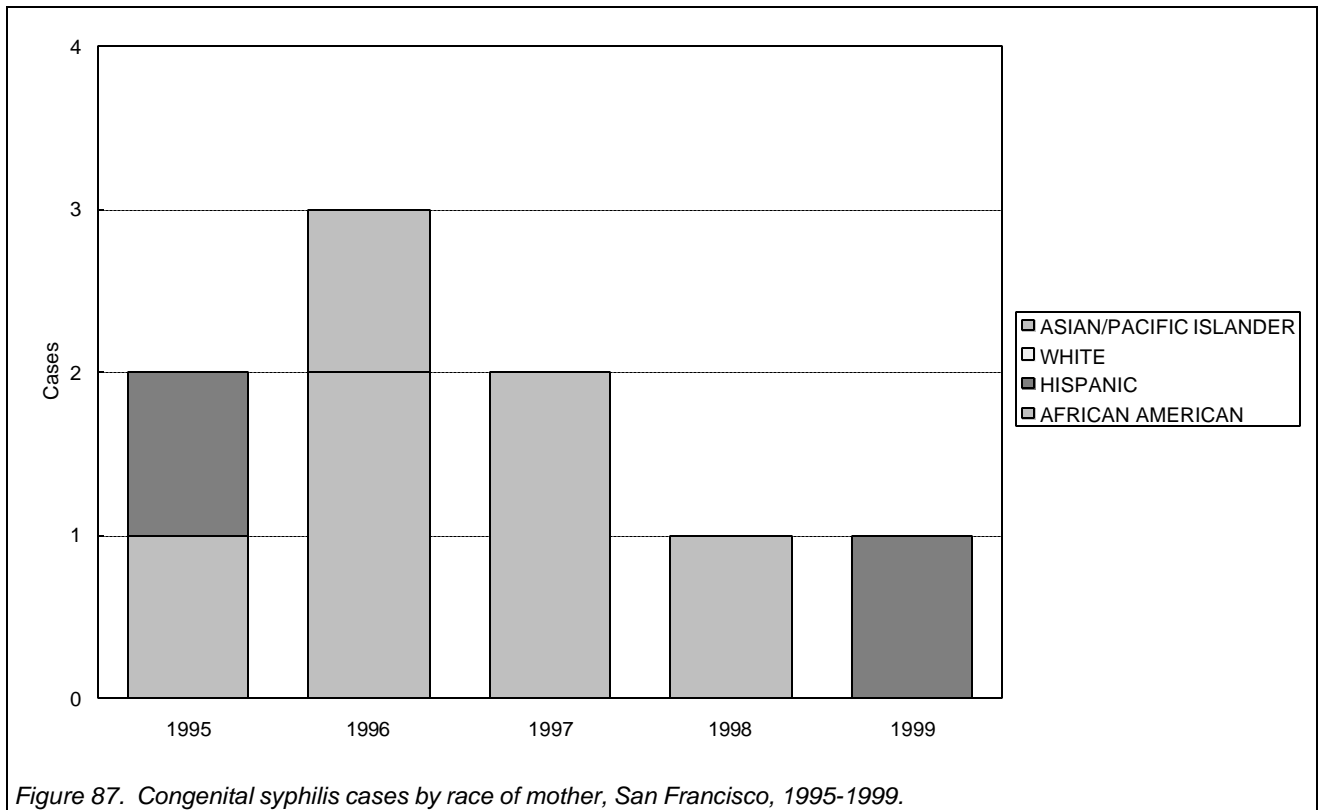
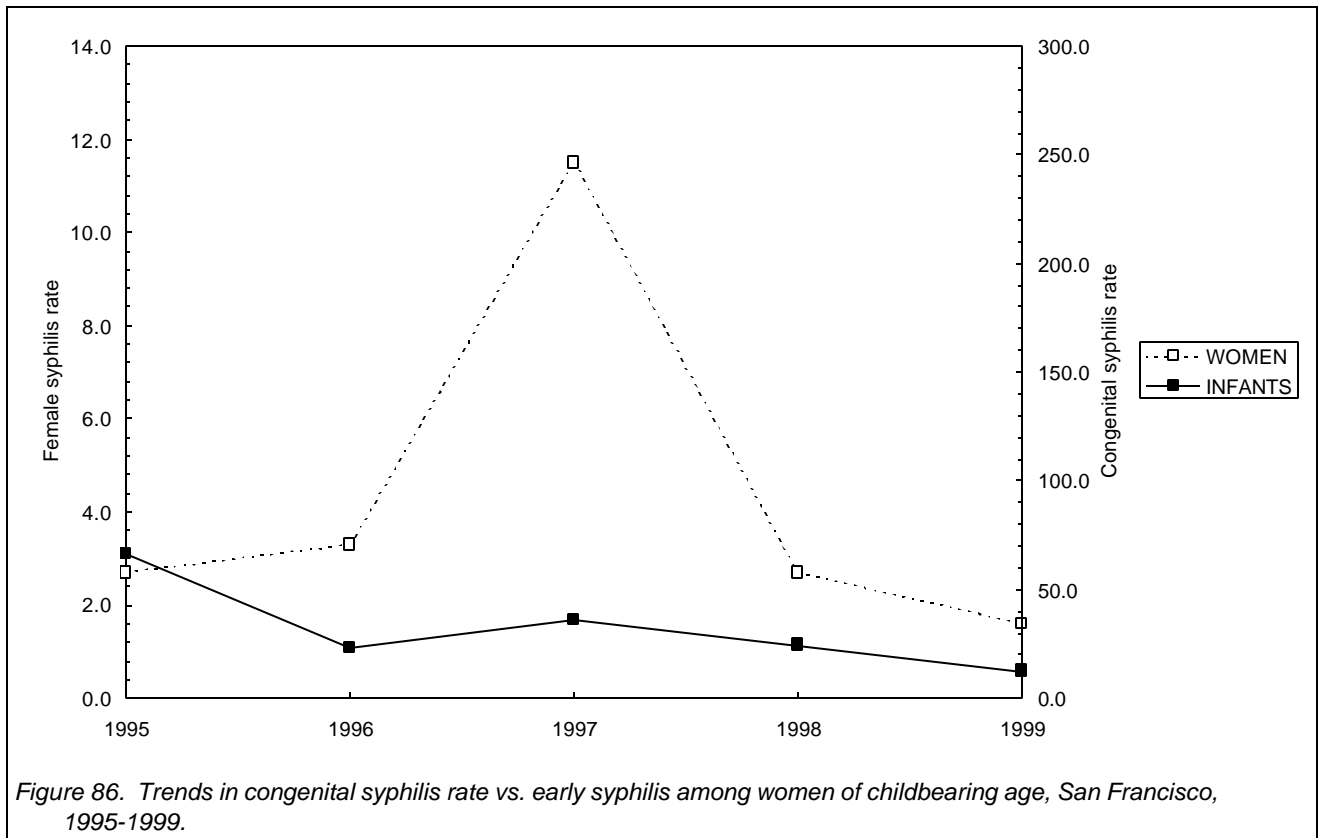


Table 17. Congenital syphilis cases and rates by race of mother, San Francisco, 1995-1999. Rates equal cases per 100,000 live births per year. Birth data from Vital Statistics Office, San Francisco Department of Public Health.

	Reported cases					Incidence rate				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Race/ethnicity										
(ALL)	2	3	2	1	1	23.3	35.9	24.4	12.3	12.3
ASIAN/PI	0	1	0	0	0	0.0	34.6	0.0	0.0	0.0
BLACK	1	2	2	1	0	98.2	226.5	255.4	121.5	0.0
HISPANIC	1	0	0	0	1	52.5	0.0	0.0	0.0	55.9

Table 18. Congenital syphilis cases by health care provider, San Francisco, 1995-1999.

	Reported cases				
	Year				
	1995	1996	1997	1998	1999
Diagnosis is					
CONGENITAL					
PMD		0	1	0	0
SYPHILIS					
SFGH		0	2	2	1
OTHER HOSPITAL		2	0	0	0

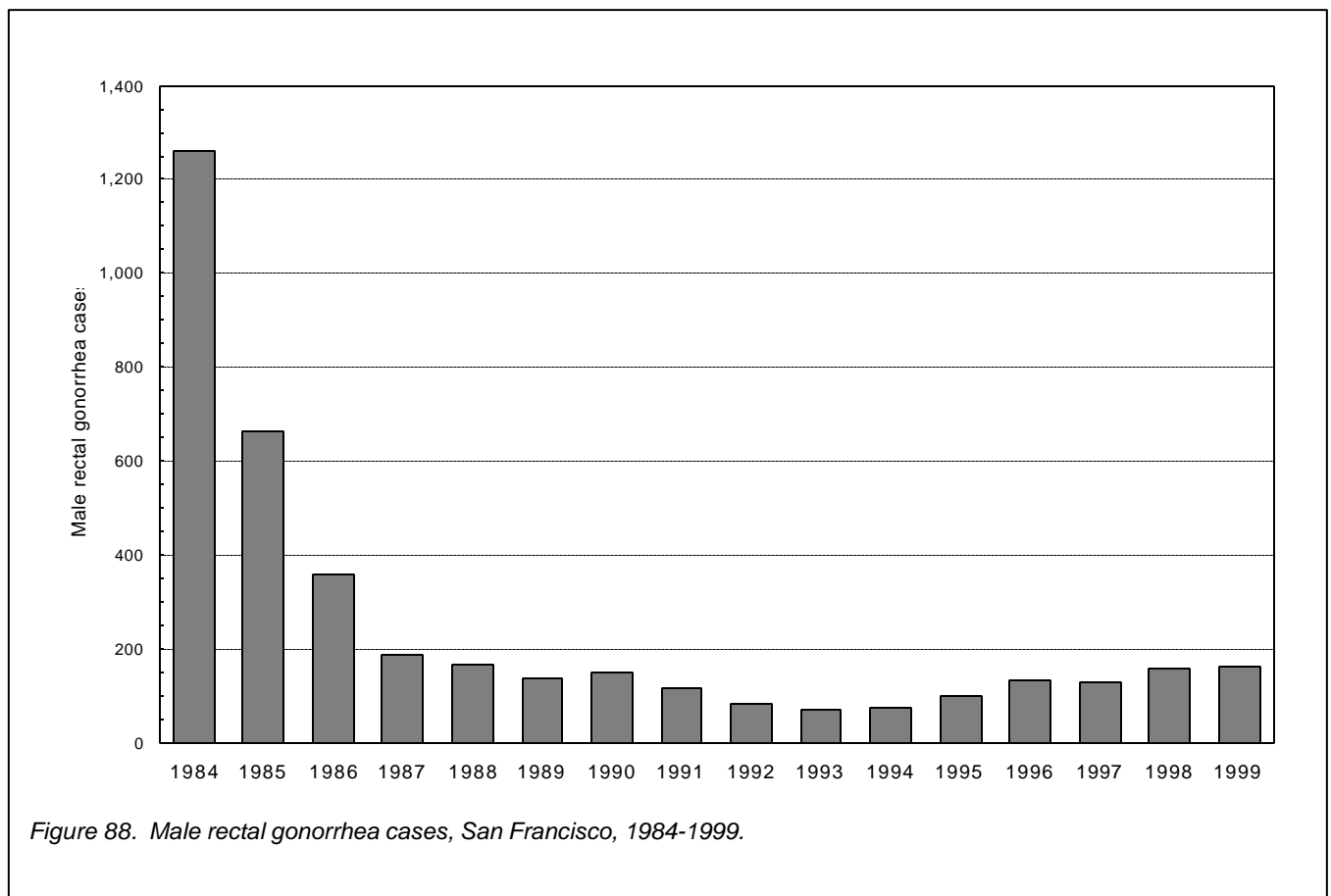
J. Rectal gonorrhea

In previous editions of this annual summary we have reported the number of rectal gonorrhea infections reported among male San Francisco residents in the gonorrhea section. Due to increased community interest in these numbers, this year we have included additional analyses of these numbers and moved them into a separate section for convenience.

The number of cases decreased from 1262 cases in 1984 to 70 cases in 1993, but then increased to 162 cases in 1999. Exact data on the number of rectal gonorrhea cases is not available for years before 1984. In 1980, records indicate that over 5000 cases of gonococcal proctitis were diagnosed at City Clinic. These records do not indicate what proportion of these cases were among San Francisco residents, however, or how many other cases of rectal gonorrhea were diagnosed outside City Clinic.

For the past five years nearly two-thirds of these cases have been among whites: in 1999, 63 percent of cases were white, and only 7 percent were African American. The average age of cases has increased from 30.5 years old in 1996 to 32.8 years old in 1999. During this same time the proportion of cases under 30 decreased from 53 percent to 38 percent.

The majority of these cases are reported from City Clinic: the proportion of cases seen at the clinic increased from 67 percent in 1996 to 74 percent in 1999. In response to the city-wide increases seen in 1995, we began testing more MSM seen at City Clinic for rectal gonorrhea (since infections may be asymptomatic): the number of tests increased from 542 in 1995 to 1285 in 1999 while the number of male visits per year remained approximately 11,000. This increase in screening could be expected to increase the number of reported cases. The number of cases with symptoms did not change between 1996 and 1999, which indicates that the increase in cases may be due to the increased number of tests. Since men with proctitis would most likely seek medical care, the trend in proctitis cases may be a better marker for trends in unprotected anal intercourse among MSM.



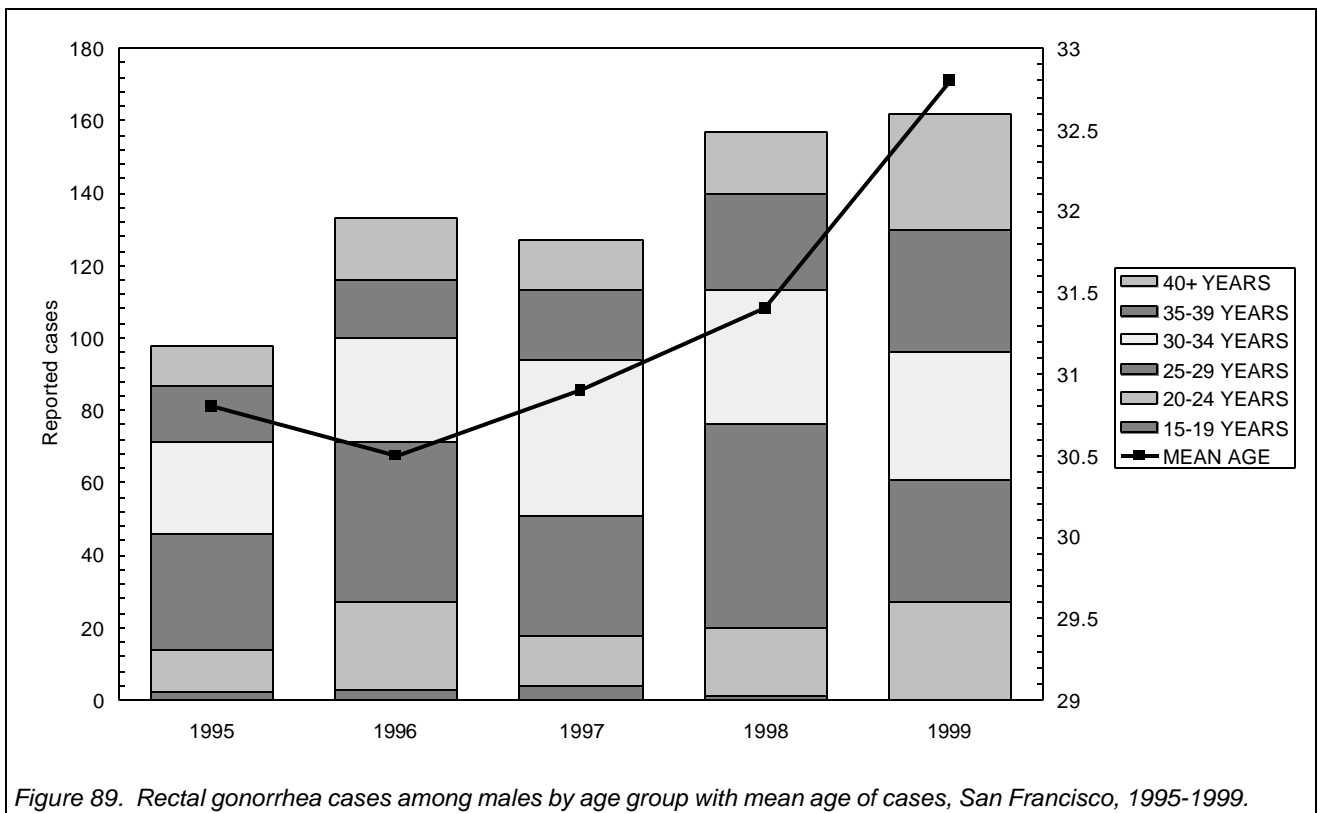


Figure 89. Rectal gonorrhea cases among males by age group with mean age of cases, San Francisco, 1995-1999.

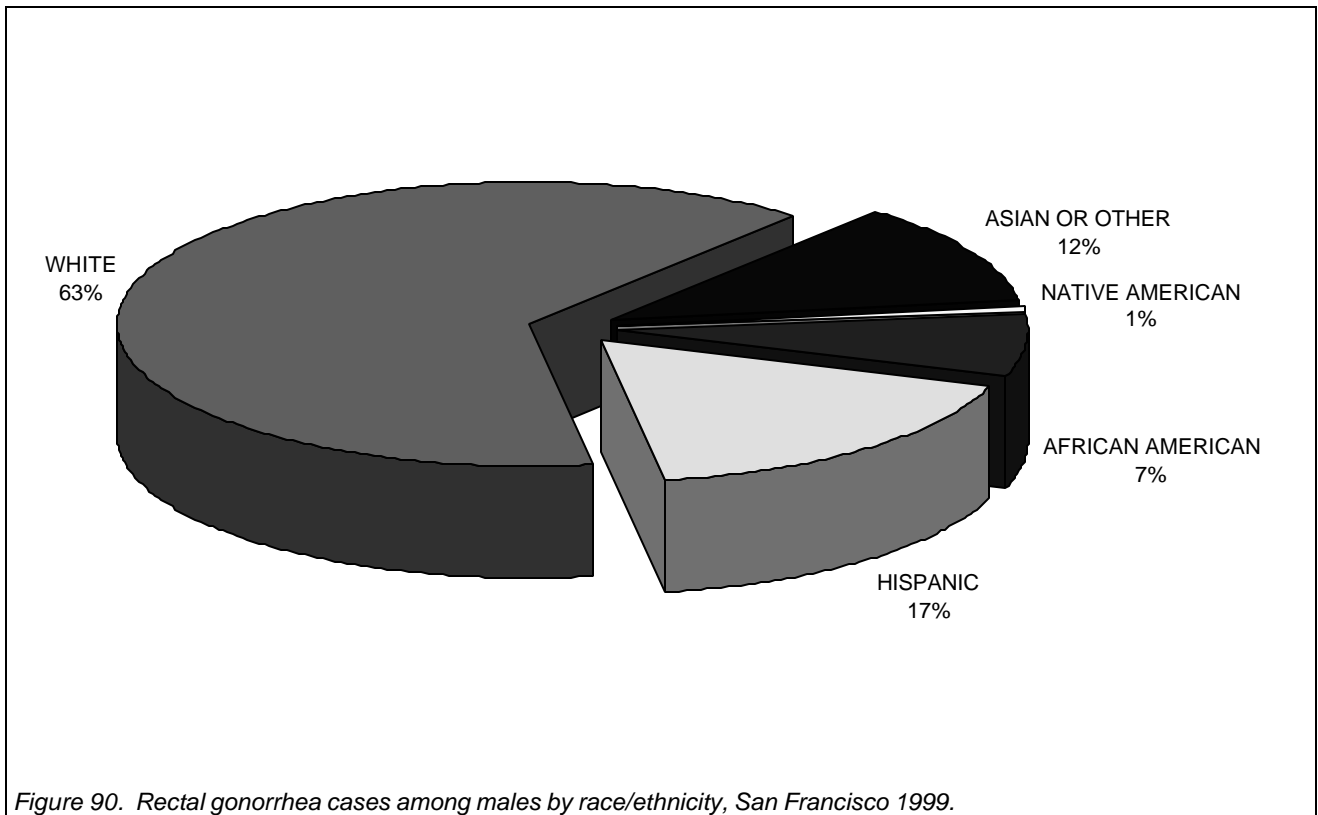


Figure 90. Rectal gonorrhea cases among males by race/ethnicity, San Francisco 1999.

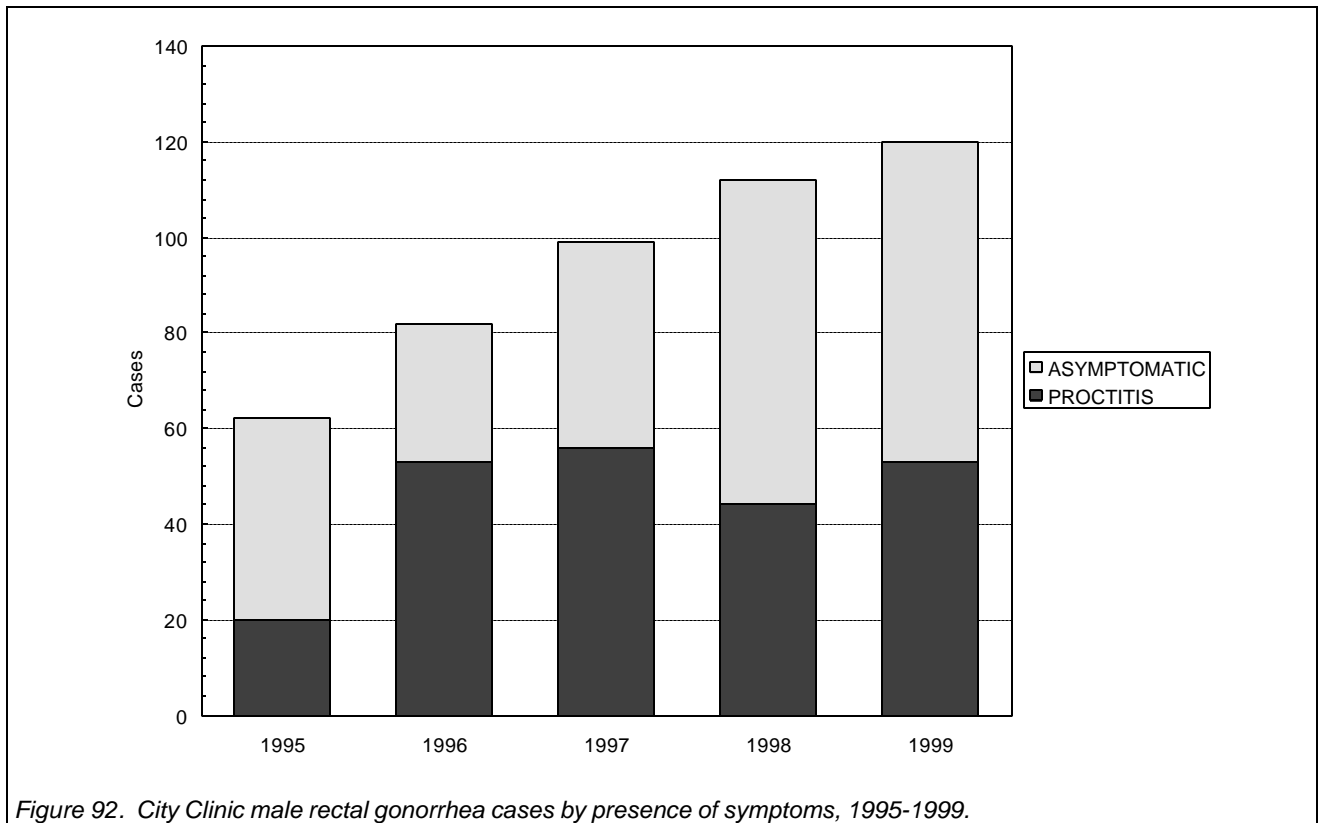
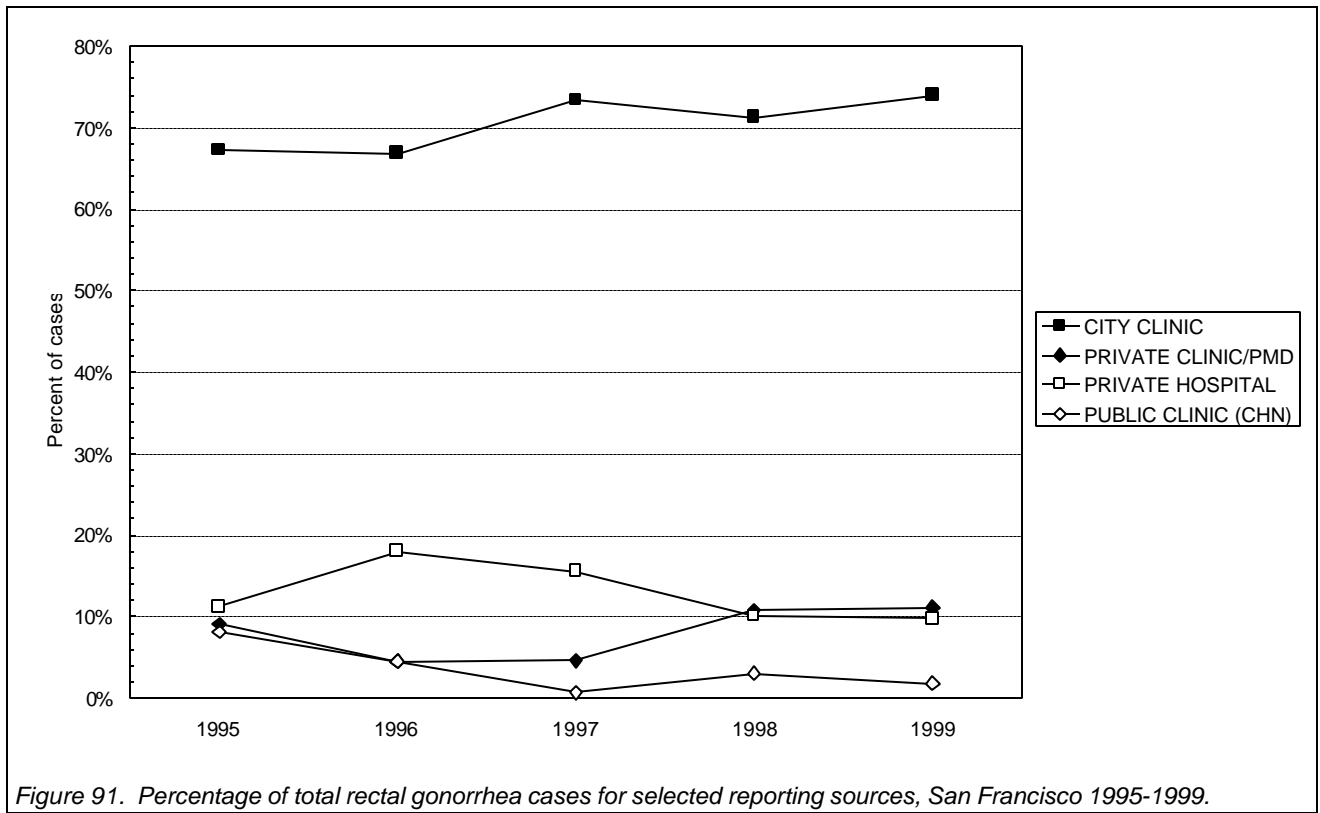


Table 19. Rectal gonorrhea cases among male and transgendered residents, San Francisco, 1995-1999.

	Reported cases					Percent of cases				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(TOTAL)	98	133	128	157	162	100%	100%	100%	100%	100%
Race/ethnicity										
ASIAN OR OTHER	5	14	16	25	19	5.1%	10.5%	12.5%	15.9%	11.7%
NATIVE AMERICAN	0	1	1	2	1	0	0.7%	0.7%	1.2%	0.6%
AFRICAN AMERICAN	8	3	5	7	11	8.1%	2.2%	3.9%	4.4%	6.7%
HISPANIC	12	22	16	24	28	12.2%	16.5%	12.5%	15.2%	17.2%
UNKNOWN	8	3	0	2	0	8.1%	2.2%	0	1.2%	0
WHITE	65	90	90	97	103	66.3%	67.6%	70.3%	61.7%	63.5%
Age group										
(MISSING AGE)	0	0	1	0	0	0	0	0.7%	0	0
15-19 YEARS	2	3	4	1	0	2.0%	2.2%	3.1%	0.6%	0
20-24 YEARS	12	24	14	19	27	12.2%	18.0%	10.9%	12.1%	16.6%
25-29 YEARS	32	44	33	56	34	32.6%	33.0%	25.7%	35.6%	20.9%
30-34 YEARS	25	29	43	37	35	25.5%	21.8%	33.5%	23.5%	21.6%
35-39 YEARS	16	16	19	27	34	16.3%	12.0%	14.8%	17.1%	20.9%
40+ YEARS	11	17	14	17	32	11.2%	12.7%	10.9%	10.8%	19.7%
Reporting source										
OOJ PROVIDERS	0	0	0	2	1	0	0	0	1.2%	0.6%
CITY CLINIC	66	89	94	112	120	67.3%	66.9%	73.4%	71.3%	74.0%
PUBLIC CLINIC (CHN)	8	6	1	5	3	8.1%	4.5%	0.7%	3.1%	1.8%
JAILS	1	0	0	0	0	1.0%	0	0	0	0
PRIVATE CLINIC/PMD	9	6	6	17	18	9.1%	4.5%	4.6%	10.8%	11.1%
PRIVATE HOSPITAL	11	24	20	16	16	11.2%	18.0%	15.6%	10.1%	9.8%
SPEC PROG YOUTH	1	4	1	2	0	1.0%	3.0%	0.7%	1.2%	0
SFGH	2	2	3	2	4	2.0%	1.5%	2.3%	1.2%	2.4%
OUTREACH	0	2	3	1	0	0	1.5%	2.3%	0.6%	0

Table 20. Rectal gonorrhea cultures and proctitis among male and transgendered San Francisco residents seen at City Clinic, 1995-1999.

		Year				
		1995	1996	1997	1998	1999
Male visits	TOTAL	11,267	11,407	11,046	10,813	11,039
Rectal cultures	TOTAL	542	585	728	1,032	1,285
	CASES	57	52	76	106	101
	PERCENT	10.5%	8.8%	10.4%	10.2%	7.8%
Proctitis	CASES	80	145	158	167	173
	PERCENT	0.7%	1.2%	1.4%	1.5%	1.5%

Table 21. Proctitis among male and transgendered San Francisco residents with and without rectal gonorrhea seen at City Clinic, 1995-1999.

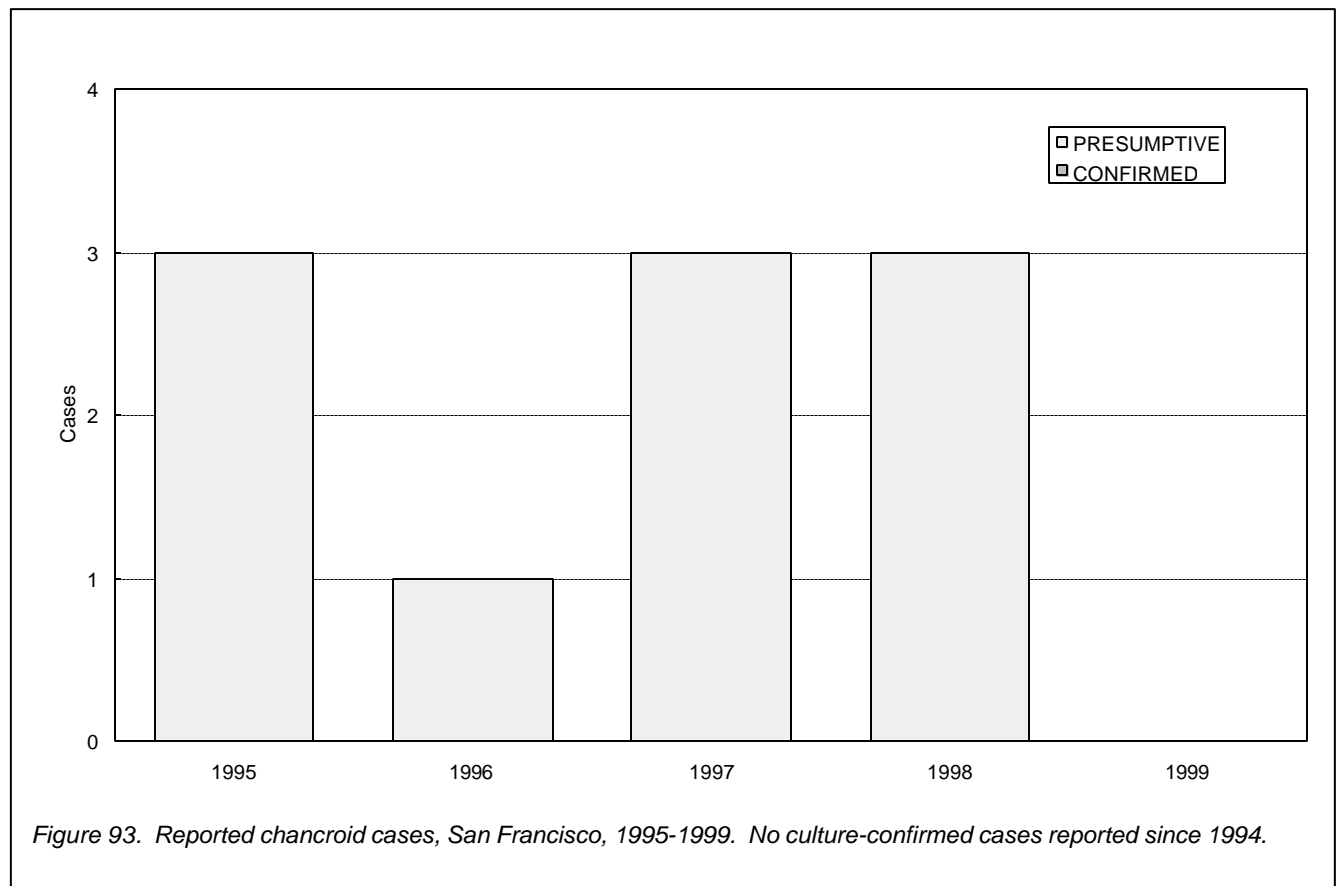
RG case	Proctitis	Patients					Percent with proctitis				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
NO	NO	11,145	11,233	10,845	10,578	10,799	99.4%	99.1%	99.0%	98.8%	98.9%
	YES	60	92	102	123	120	0.5%	0.8%	0.9%	1.1%	1.0%
YES	NO	42	29	43	68	67	67.7%	35.3%	43.4%	60.7%	55.8%
	YES	20	53	56	44	53	32.2%	64.6%	56.5%	39.2%	44.1%

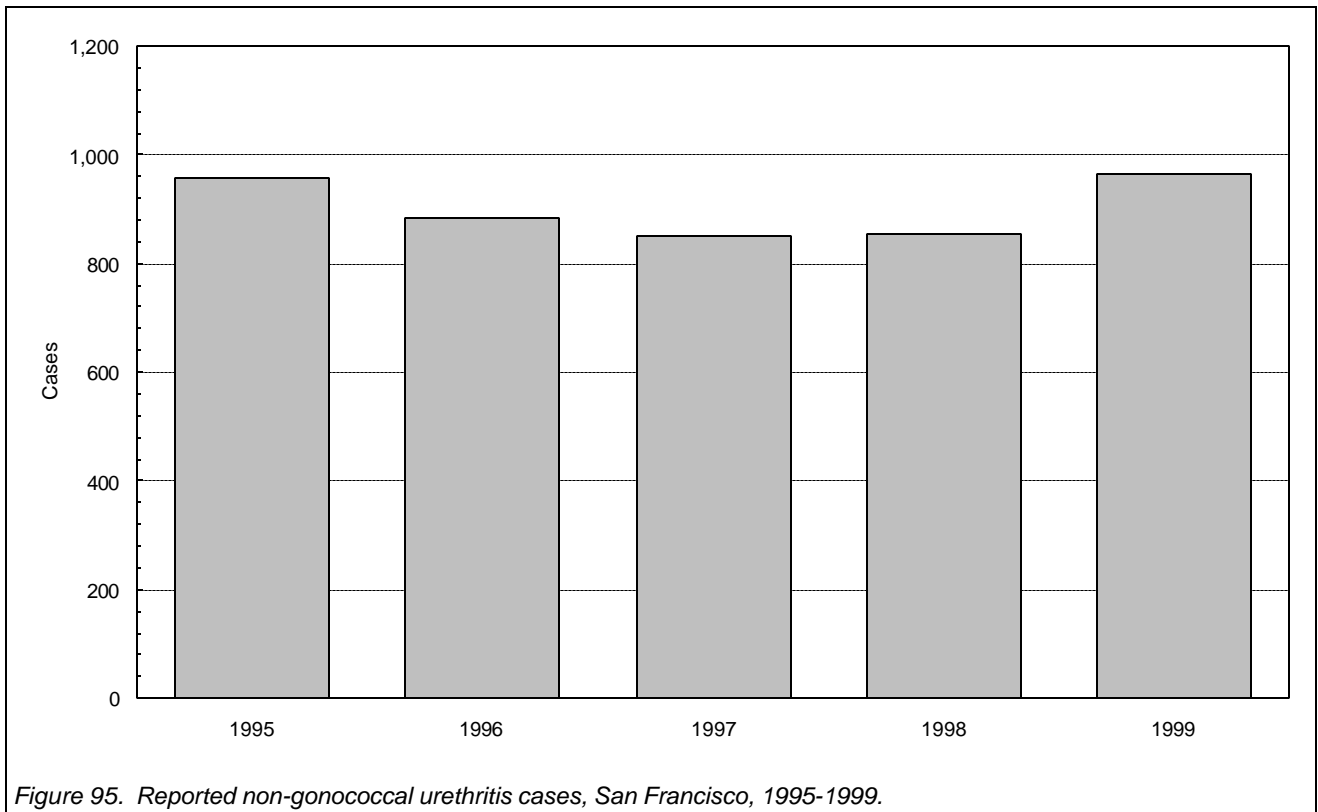
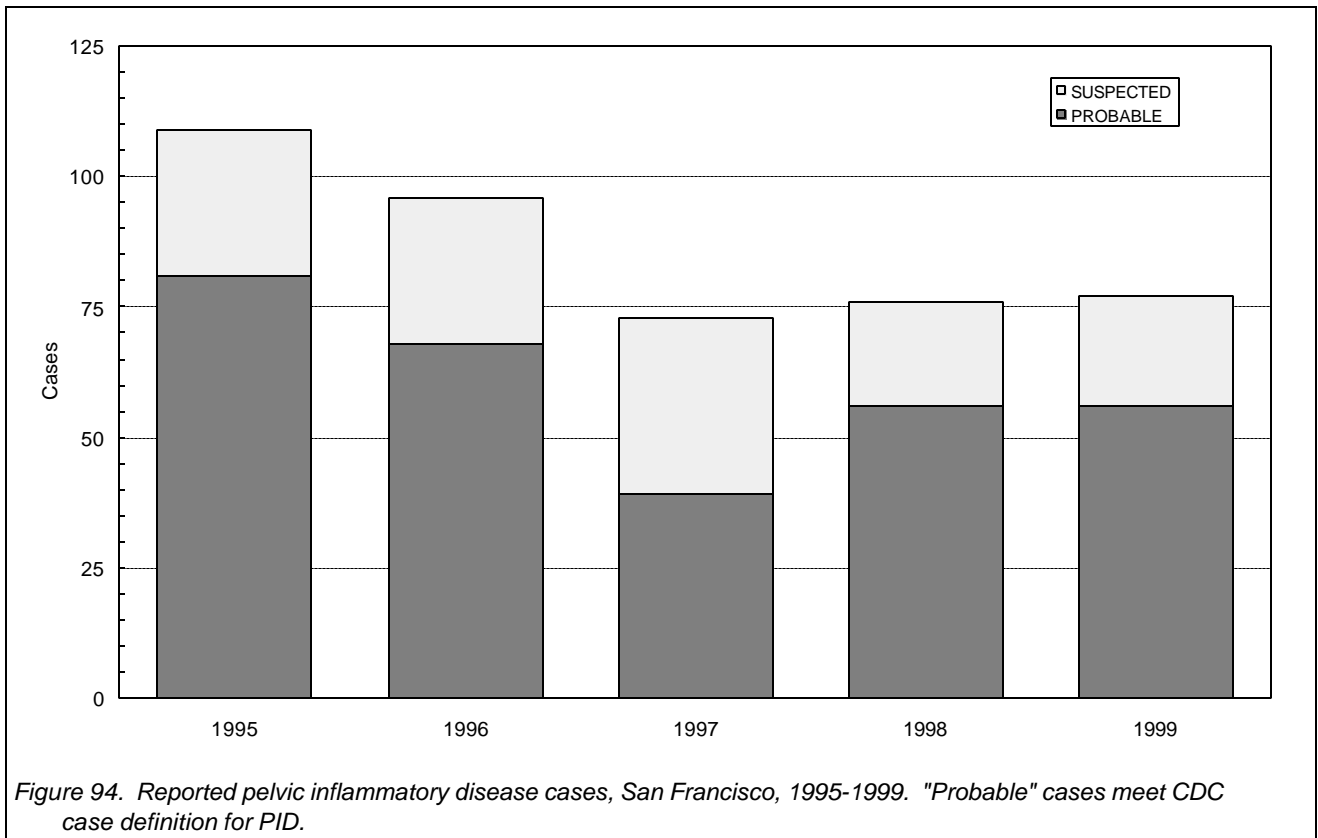
K. Other STDs

No presumptive or culture-confirmed chancroid cases were reported in 1999. This is the first year there have been no cases since the chancroid epidemic of 1989 and 1990, when 65 culture-confirmed cases were reported.

Reports of PID have increased slightly over the past three years. Nearly all these cases were reported from City Clinic; reporting is incomplete because STD surveillance in San Francisco has focused on laboratory reporting, and PID is a clinical diagnosis without a confirmatory laboratory test.

Non-gonococcal urethritis (NGU) cases increased 13 percent from 1998. Like PID, NGU is a clinical diagnosis, and cases are frequently not reported by providers outside of City Clinic; in 1999 only 10 NGU cases were reported by other clinics and providers.





II. Prevalence Data

A. Screening program

Our screening program provides laboratory support and clinical technical assistance to over 20 clinics that have agreed to screen women of childbearing age for gonorrhea and/or chlamydia. Clinics include family planning clinics, teen clinics, substance abuse treatment centers, correctional facility clinics, and public primary care clinics that serve the indigent and other high-risk populations. Adolescent boys are also screened at select sites that provide care for homeless and other high-risk youths.

Screening sites have been selected based upon prevalence of STDs and the demographics of their patients. Each site must maintain a 1.0 percent prevalence of gonorrhea or a 2.0 percent prevalence of chlamydia to remain in the program.

In addition, screening is performed by health workers in certain community-based settings, including health fairs, sex clubs, and other special events.

Table 22. Screening tests performed and STD cases identified by screening site, 1999 only.

Tests for CHLAMYDIA

Clinic type	Site/project	MALE			FEMALE		
		Tests	Cases	Rate	Tests	Cases	Rate
DPH Clinics	(TOTAL)	N/A	N/A	N/A	4,169	148	3.5%
	TOM WADDELL CLINIC	N/A	N/A	N/A	270	5	1.8%
	CASTRO-MISSION (HC#1)	N/A	N/A	N/A	538	18	3.3%
	MAXINE HALL (HC#2)	N/A	N/A	N/A	766	28	3.6%
	SILVER AVENUE (HC#3)	N/A	N/A	N/A	540	13	2.4%
	CHINATOWN (HC#4)	N/A	N/A	N/A	674	21	3.1%
	OCEAN PARK (HC#5)	N/A	N/A	N/A	388	11	2.8%
	SOUTHEAST	N/A	N/A	N/A	647	36	5.5%
	POTRERO HILL	N/A	N/A	N/A	333	16	4.8%
	TUBERCULOSIS OUTREACH	N/A	N/A	N/A	13	0	0.0%
Teen clinics	(TOTAL)	213	12	5.6%	742	36	4.8%
	BALBOA TEEN CENTER	44	3	6.8%	207	8	3.8%
	SPY: LARKIN STREET	113	4	3.5%	131	11	8.3%
	SPY: COLE STREET	56	5	8.9%	404	17	4.2%
Other clinics	(TOTAL)	N/A	N/A	N/A	3,854	163	4.2%
	NATIVE AMERICAN HEALTH	N/A	N/A	N/A	95	5	5.2%
	ST ANTHONY'S	N/A	N/A	N/A	410	9	2.1%
	GLIDE MEMORIAL CHURCH	N/A	N/A	N/A	71	2	2.8%
	NEW GENERATION HEALTH CENTER	N/A	N/A	N/A	22	1	4.5%
	CITY COLLEGE	N/A	N/A	N/A	310	7	2.2%
	WOMEN'S NEEDS CENTER	N/A	N/A	N/A	46	2	4.3%
	ST LUKE'S WOMEN'S CENTER	N/A	N/A	N/A	2,627	133	5.0%
	WOMEN'S COMMUNITY CLINIC	N/A	N/A	N/A	273	4	1.4%
Detention facilities	(TOTAL)	6,864	338	4.9%	3,231	228	7.0%
	SPY: YOUTH GUIDANCE	1,556	44	2.8%	670	68	10.1%
	CITY JAIL 1 (POST 15)	527	41	7.7%	4	0	0.0%
	CITY JAIL 9 (INTAKE)	2,198	130	5.9%	1,352	101	7.4%
	CITY JAIL 1	183	13	7.1%	135	5	3.7%
	CITY JAIL 2	406	14	3.4%	173	1	0.5%
	CITY JAIL 3	657	31	4.7%	6	1	16.6%
	CITY JAIL 7	523	24	4.5%	4	0	0.0%
	CITY JAIL 8	814	41	5.0%	887	52	5.8%

(Table 22, cont.)

Community sites		(TOTAL)	887	16	1.8%	625	15	2.4%
		UJIMA CLINIC	15	1	6.6%	5	0	0.0%
		SPECIAL PROJECTS	513	4	0.7%	482	12	2.4%
		HEALTH FAIRS	37	0	0.0%	38	0	0.0%
		SEX CLUBS	133	3	2.2%	12	0	0.0%
		DAY LABORER PROJECT	56	3	5.3%	2	0	0.0%
		A/PI WELLNESS CENTER	13	2	15.3%	3	0	0.0%
		STREET OUTREACH: YOUTH	120	3	2.5%	76	3	3.9%
		STREET OUTREACH: ADULT	N/A	N/A	N/A	7	0	0.0%

Tests for GONORRHEA								
			MALE			FEMALE		
Clinic type	Site/project	Tests	Cases	Rate	Tests	Cases	Rate	

DPH Clinics	(TOTAL)	N/A	N/A	N/A	4,277	42	0.9%	
	TOM WADDELL CLINIC	N/A	N/A	N/A	282	0	0.0%	
	CASTRO-MISSION (HC#1)	N/A	N/A	N/A	522	1	0.1%	
	MAXINE HALL (HC#2)	N/A	N/A	N/A	835	10	1.1%	
	SILVER AVENUE (HC#3)	N/A	N/A	N/A	525	4	0.7%	
	CHINATOWN (HC#4)	N/A	N/A	N/A	643	1	0.1%	
	OCEAN PARK (HC#5)	N/A	N/A	N/A	389	3	0.7%	
	SOUTHEAST	N/A	N/A	N/A	637	16	2.5%	
	POTRERO HILL	N/A	N/A	N/A	431	7	1.6%	
TUBERCULOSIS OUTREACH	N/A	N/A	N/A	13	0	0.0%		

Teen clinics	(TOTAL)	211	9	4.2%	746	7	0.9%	
	BALBOA TEEN CENTER	44	0	0.0%	213	3	1.4%	
	SPY: LARKIN STREET	111	8	7.2%	131	3	2.2%	
	SPY: COLE STREET	56	1	1.7%	402	1	0.2%	

Other clinics	(TOTAL)	N/A	N/A	N/A	4,414	41	0.9%	
	NATIVE AMERICAN HEALTH	N/A	N/A	N/A	58	1	1.7%	
	ST ANTHONY'S	N/A	N/A	N/A	400	3	0.7%	
	GLIDE MEMORIAL CHURCH	N/A	N/A	N/A	71	2	2.8%	
	NEW GENERATION HEALTH CENTER	N/A	N/A	N/A	1,134	16	1.4%	
	CITY COLLEGE	N/A	N/A	N/A	307	2	0.6%	
	WOMEN'S NEEDS CENTER	N/A	N/A	N/A	6	0	0.0%	
	ST LUKE'S WOMEN'S CENTER	N/A	N/A	N/A	2,167	17	0.7%	
WOMEN'S COMMUNITY CLINIC	N/A	N/A	N/A	271	0	0.0%		

Detention facilities	(TOTAL)	6,549	72	1.0%	3,068	117	3.8%	
	SPY: YOUTH GUIDANCE	1,553	8	0.5%	670	38	5.6%	
	CITY JAIL 1 (POST 15)	526	6	1.1%	4	1	25.0%	
	CITY JAIL 9 (INTAKE)	1,984	22	1.1%	1,239	52	4.1%	
	CITY JAIL 1	178	8	4.4%	134	2	1.4%	
	CITY JAIL 2	383	7	1.8%	164	1	0.6%	
	CITY JAIL 3	610	10	1.6%	3	0	0.0%	
	CITY JAIL 7	521	4	0.7%	4	0	0.0%	
	CITY JAIL 8	794	7	0.8%	850	23	2.7%	

Community sites	(TOTAL)	1,021	4	0.3%	621	3	0.4%	
	UJIMA CLINIC	14	1	7.1%	5	0	0.0%	
	SPECIAL PROJECTS	509	0	0.0%	477	2	0.4%	
	HEALTH FAIRS	40	0	0.0%	38	0	0.0%	
	SEX CLUBS	252	2	0.7%	14	0	0.0%	
	DAY LABORER PROJECT	56	0	0.0%	2	0	0.0%	
	A/PI WELLNESS CENTER	30	0	0.0%	3	0	0.0%	
	STREET OUTREACH: YOUTH	120	1	0.8%	75	1	1.3%	
	STREET OUTREACH: ADULT	N/A	N/A	N/A	7	0	0.0%	

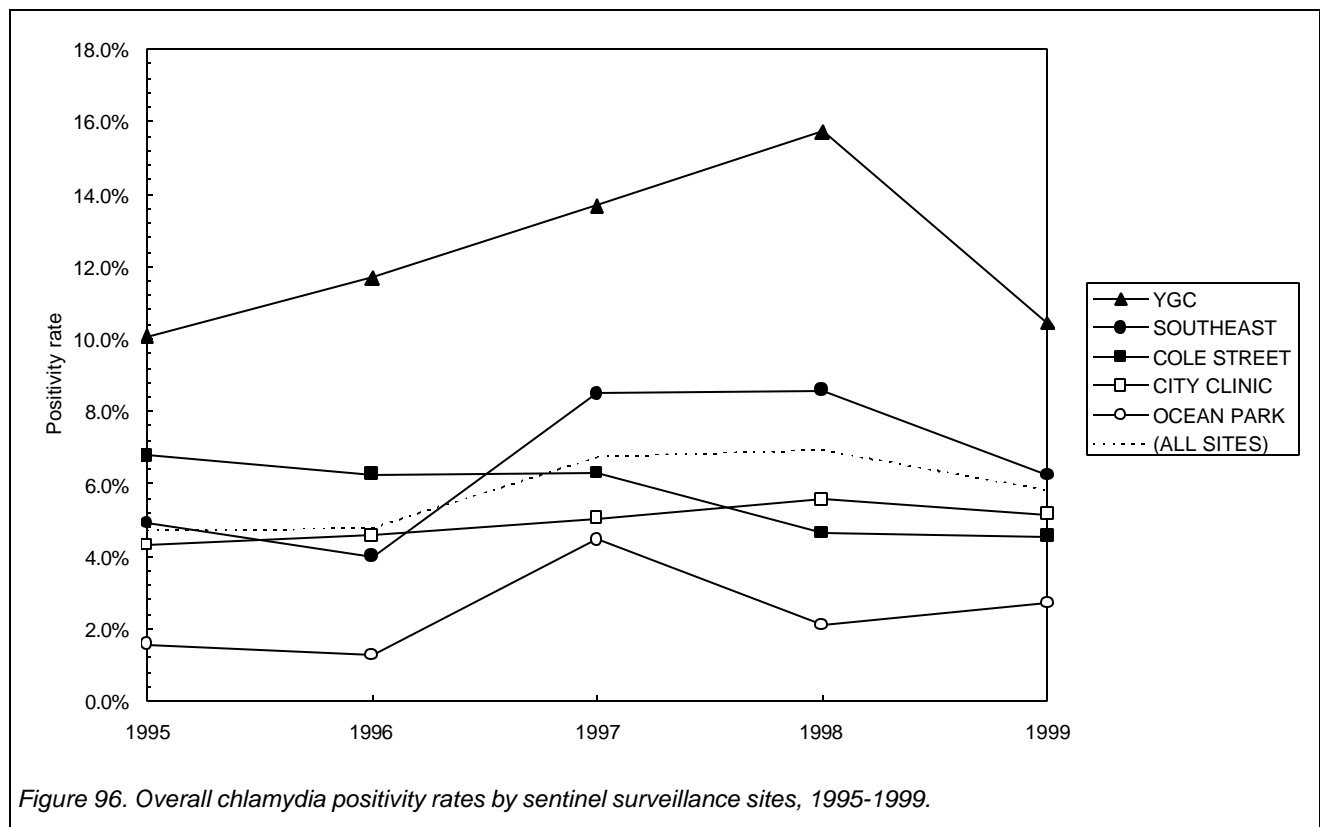
B. Sentinel Surveillance

Five screening sites have been designated as "sentinel surveillance" sites: City Clinic, Cole Street Youth Clinic, Youth Guidance Center, Ocean Park Health Center, and Southeast Health Center. Screening criteria in these sites are guaranteed not to change so that we may examine trends in positivity over time. This is particularly important when screening for primarily asymptomatic diseases such as gonorrhea and chlamydia. Additional data are collected on patients screened at these sites, including reason for visit, symptoms, diagnoses, treatments, and partners with STD. Sites were selected based on patient demographics, compliance with screening criteria, thoroughness of data collection, and geographic location.

Data presented here only include tests from women 40 years of age or less. While chlamydia screening data are available for the last five years, gonorrhea testing data were not available before 1996.

Overall the prevalence of chlamydia and gonorrhea declined between 1998 and 1999 at the sentinel sites. African-American women had the highest prevalence of gonorrhea and chlamydia, while white women had the lowest rates. There was a decline in prevalence among all racial and ethnic groups except for among Hispanics for chlamydia and gonorrhea and Asian/Pacific Islanders for gonorrhea. Prevalence tends to be highest among younger women, with all age groups seeing a decline in prevalence for chlamydia and all but 15-19 year olds seeing a decline in gonorrhea.

The sentinel data support an overall decline in prevalence of both gonorrhea and chlamydia among women in San Francisco between 1998 and 1999 and that young women and African-American women are disproportionately affected by these infections.



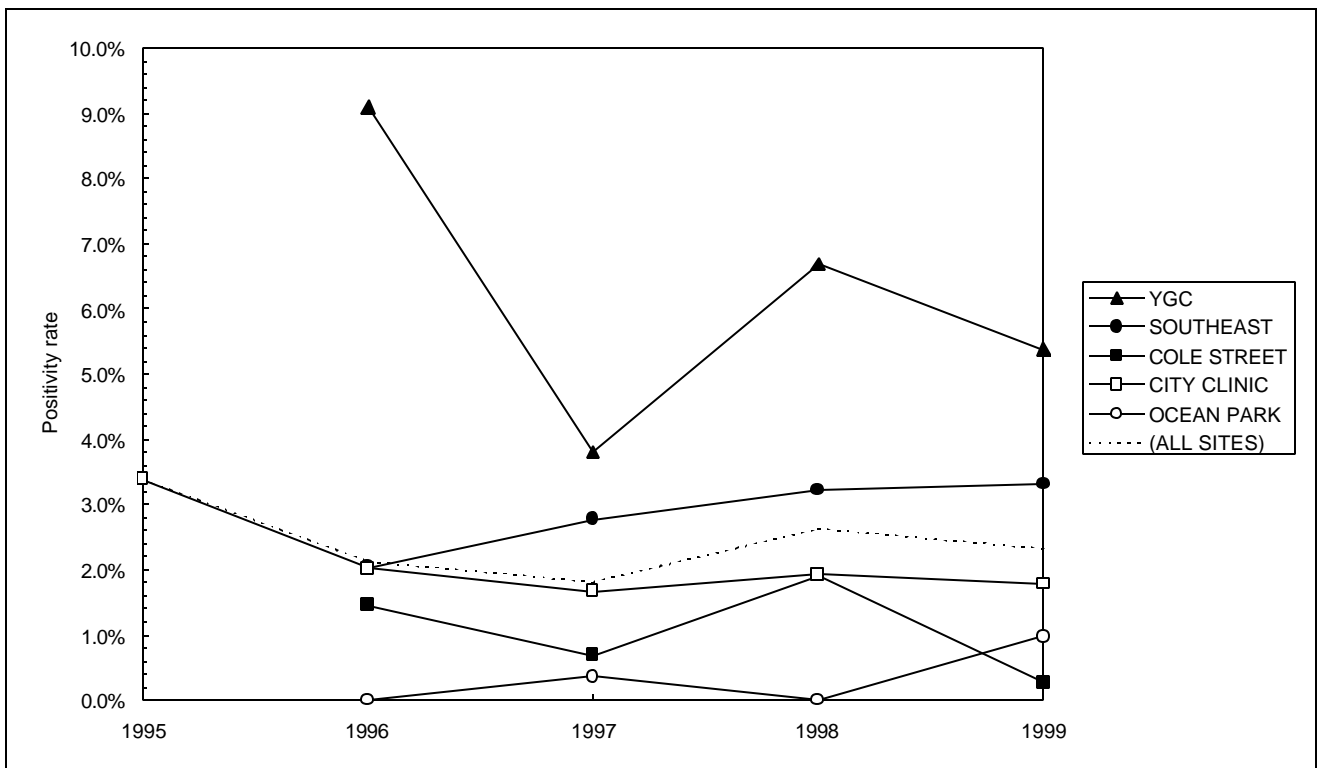


Figure 97. Overall gonorrhea positivity rates by sentinel surveillance sites, 1995-1999.

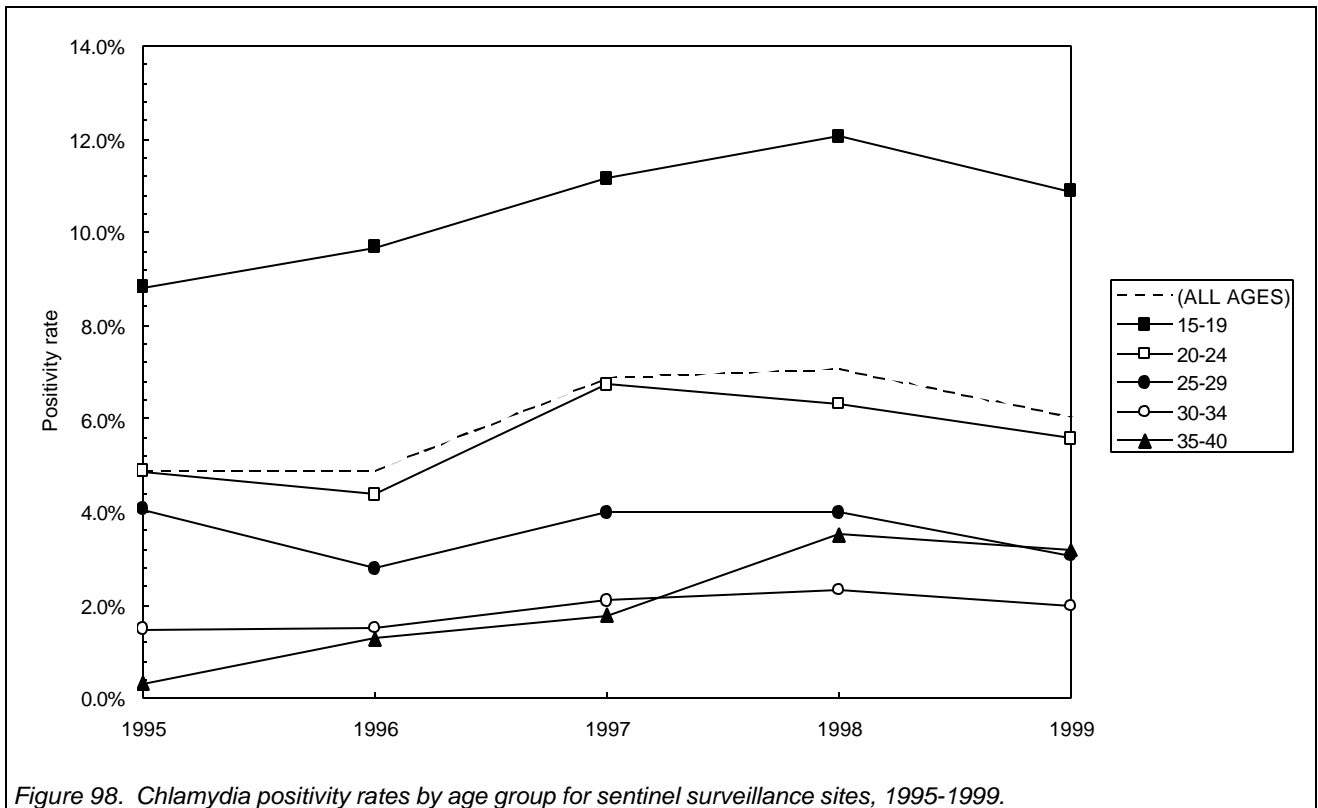


Figure 98. Chlamydia positivity rates by age group for sentinel surveillance sites, 1995-1999.

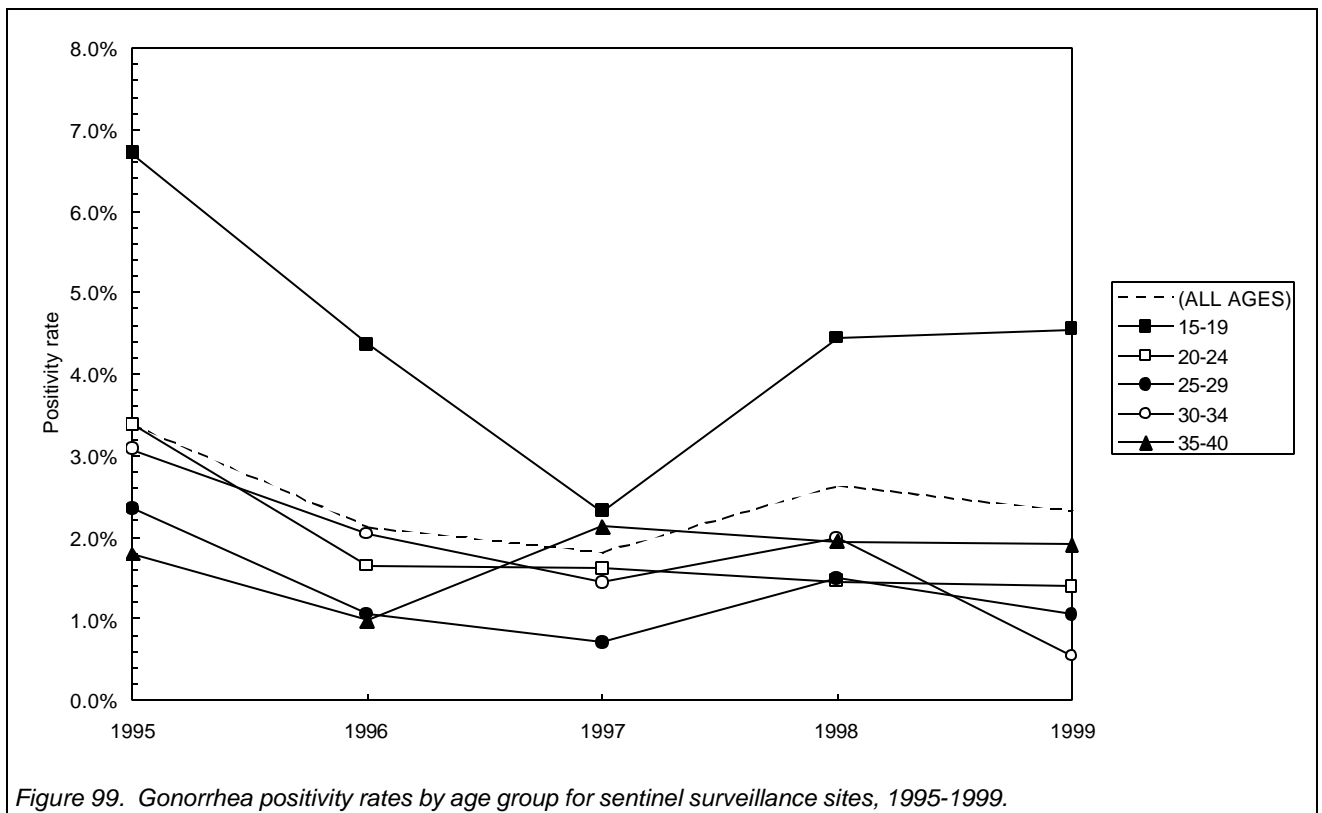


Figure 99. Gonorrhea positivity rates by age group for sentinel surveillance sites, 1995-1999.

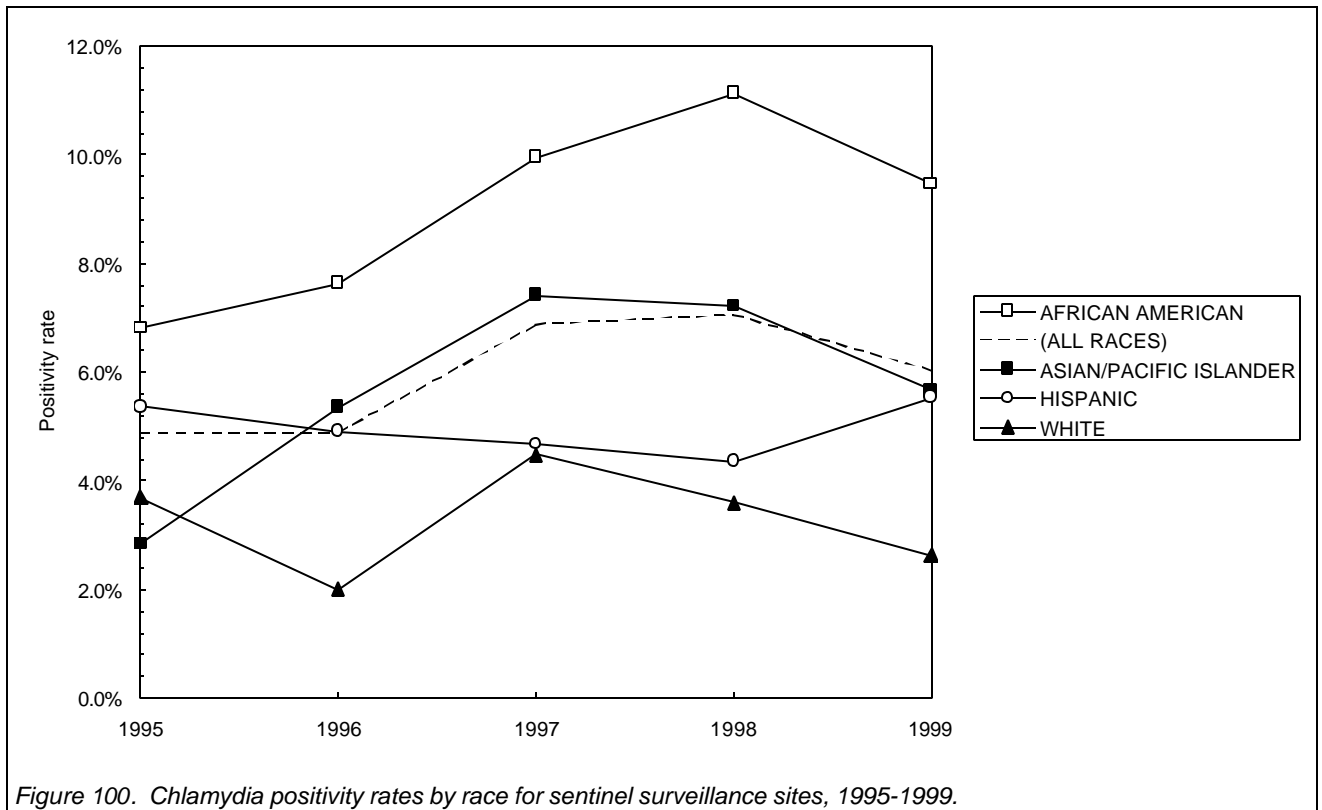


Figure 100. Chlamydia positivity rates by race for sentinel surveillance sites, 1995-1999.

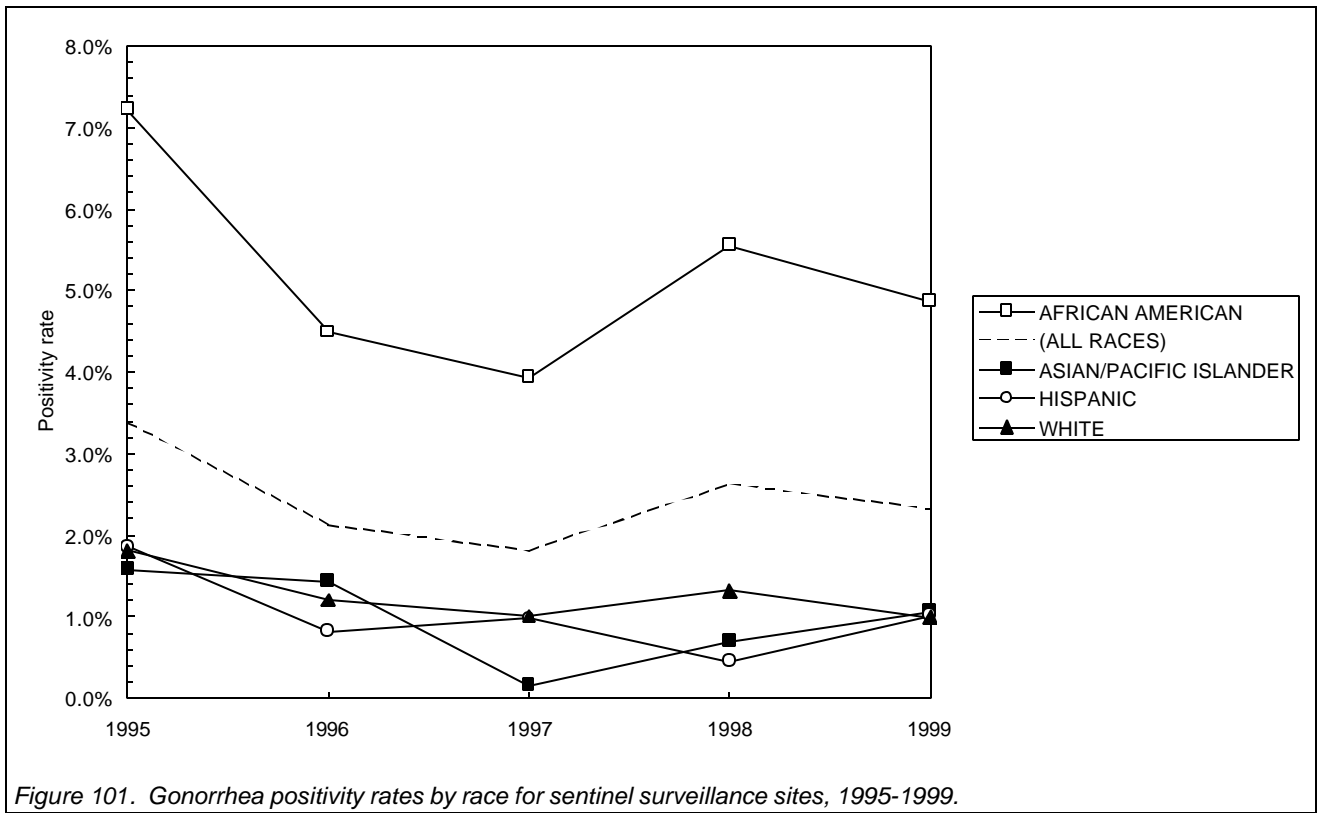


Figure 101. Gonorrhea positivity rates by race for sentinel surveillance sites, 1995-1999.

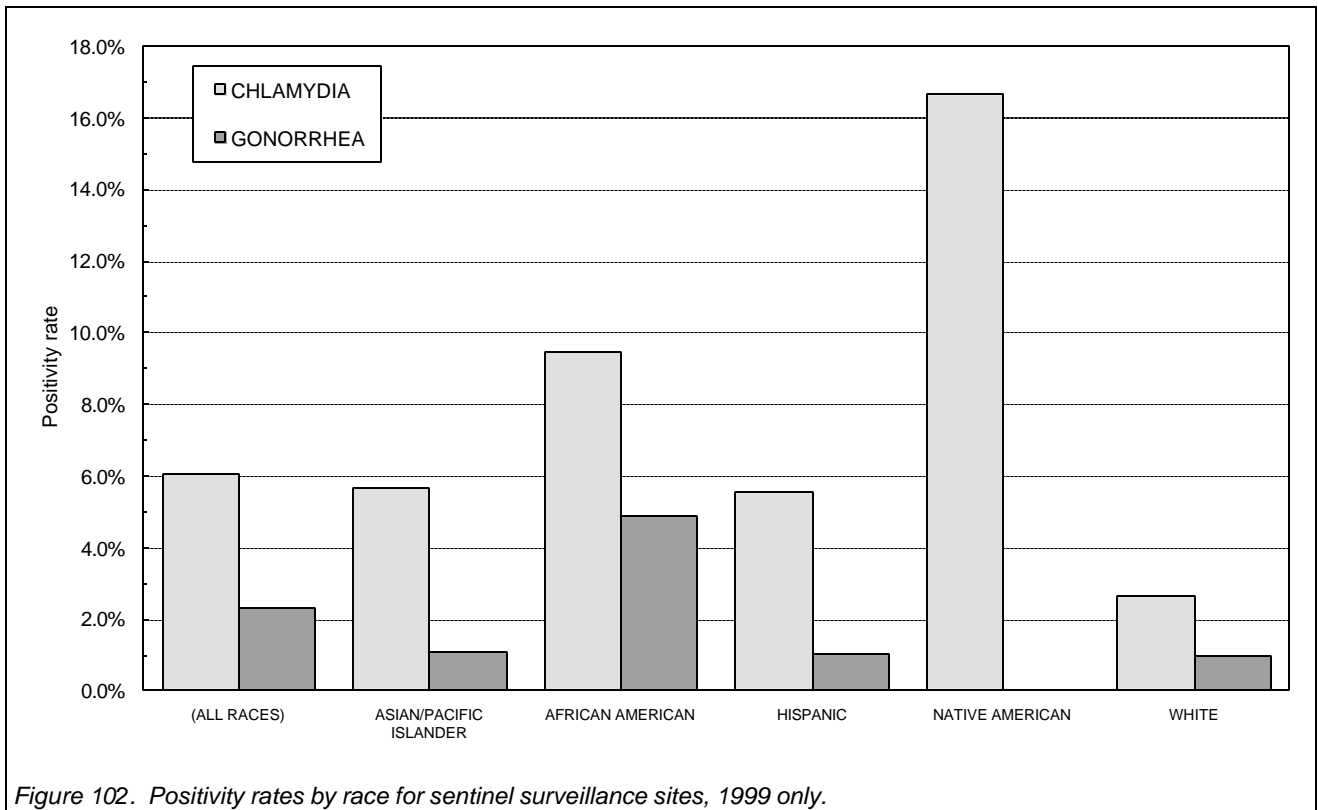


Figure 102. Positivity rates by race for sentinel surveillance sites, 1999 only.

Table 23. STD cases identified among women 40 years old or less and positivity rates for sentinel surveillance sites, 1995-1999. "None" indicates no screening at site.

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL SITES)	positive tests	132	165	255	302	259	76	59	64	108	98
	total tests	2,700	3,379	3,706	4,275	4,293	2,246	2,777	3,532	4,104	4,222
	prevalence	4.8%	4.8%	6.8%	7.0%	6.0%	3.3%	2.1%	1.8%	2.6%	2.3%
CITY CLINIC	positive tests	61	100	104	141	132	76	40	34	45	43
	total tests	1,373	2,141	2,034	2,490	2,481	2,246	1,981	2,034	2,335	2,410
	prevalence	4.4%	4.6%	5.1%	5.6%	5.3%	3.3%	2.0%	1.6%	1.9%	1.7%
COLE STREET YOUTH CENTER	positive tests	37	31	28	22	17	NONE	4	3	9	1
	total tests	544	493	444	473	372	NONE	275	435	470	372
	prevalence	6.8%	6.2%	6.3%	4.6%	4.5%	NONE	1.4%	0.6%	1.9%	0.2%
OCEAN PARK HEALTH CENTER	positive tests	7	3	13	5	9	NONE	0	1	0	3
	total tests	397	294	302	263	310	NONE	165	273	251	307
	prevalence	1.7%	1.0%	4.3%	1.9%	2.9%	NONE	0.0%	0.3%	0.0%	0.9%
SOUTHEAST HEALTH CENTER	positive tests	13	13	37	42	33	NONE	5	11	15	16
	total tests	247	297	392	464	480	NONE	246	396	465	483
	prevalence	5.2%	4.3%	9.4%	9.0%	6.8%	NONE	2.0%	2.7%	3.2%	3.3%
YOUTH GUIDANCE CENTER	positive tests	14	18	73	92	68	NONE	10	15	39	35
	total tests	139	154	534	585	650	NONE	110	394	583	650
	prevalence	10.0%	11.6%	13.6%	15.7%	10.4%	NONE	9.0%	3.8%	6.6%	5.3%

By age:

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL AGES)	positive tests	132	165	255	302	259	76	59	64	108	98
	total tests	2,700	3,379	3,706	4,275	4,293	2,246	2,777	3,532	4,104	4,222
	prevalence	4.8%	4.8%	6.8%	7.0%	6.0%	3.3%	2.1%	1.8%	2.6%	2.3%
10-14 YEARS	positive tests	11	10	28	25	20	1	2	8	9	10
	total tests	89	60	173	166	173	6	35	144	163	171
	prevalence	12.3%	16.6%	16.1%	15.0%	11.5%	16.6%	5.7%	5.5%	5.5%	5.8%
15-19 YEARS	positive tests	61	81	121	147	125	22	26	22	53	52
	total tests	692	837	1,084	1,220	1,149	328	596	949	1,193	1,143
	prevalence	8.8%	9.6%	11.1%	12.0%	10.8%	6.7%	4.3%	2.3%	4.4%	4.5%
20-24 YEARS	positive tests	31	41	61	69	62	23	12	14	15	15
	total tests	636	938	906	1,093	1,112	681	728	867	1,026	1,074
	prevalence	4.8%	4.3%	6.7%	6.3%	5.5%	3.3%	1.6%	1.6%	1.4%	1.3%
25-29 YEARS	positive tests	22	21	29	35	27	14	7	5	12	9
	total tests	543	756	727	877	884	595	663	709	805	855
	prevalence	4.0%	2.7%	3.9%	3.9%	3.0%	2.3%	1.0%	0.7%	1.4%	1.0%
30-34 YEARS	positive tests	6	7	10	12	11	11	9	7	10	3
	total tests	405	463	477	515	556	357	441	486	502	550
	prevalence	1.4%	1.5%	2.0%	2.3%	1.9%	3.0%	2.0%	1.4%	1.9%	0.5%
35-40 YEARS	positive tests	1	4	6	14	13	5	3	8	8	8
	total tests	315	311	336	399	409	279	307	375	411	419
	prevalence	0.3%	1.2%	1.7%	3.5%	3.1%	1.7%	0.9%	2.1%	1.9%	1.9%

(Table 23, cont.)

By ethnicity:

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL RACES)	positive tests	132	165	255	302	259	76	59	64	108	98
	total tests	2,700	3,379	3,706	4,275	4,293	2,246	2,777	3,532	4,104	4,222
	prevalence	4.8%	4.8%	6.8%	7.0%	6.0%	3.3%	2.1%	1.8%	2.6%	2.3%
ASIAN	positive tests	14	32	50	53	43	4	6	1	5	8
	total tests	492	598	674	734	759	253	417	636	715	752
	prevalence	2.8%	5.3%	7.4%	7.2%	5.6%	1.5%	1.4%	0.1%	0.6%	1.0%
BLACK	positive tests	57	74	123	165	138	48	38	46	82	71
	total tests	836	969	1,236	1,482	1,458	664	846	1,168	1,475	1,457
	prevalence	6.8%	7.6%	9.9%	11.1%	9.4%	7.2%	4.4%	3.9%	5.5%	4.8%
HISPANIC	positive tests	25	30	30	30	39	8	4	6	3	7
	total tests	466	611	641	687	704	429	486	610	661	691
	prevalence	5.3%	4.9%	4.6%	4.3%	5.5%	1.8%	0.8%	0.9%	0.4%	1.0%
NATIVE AMERICAN	positive tests	0	1	1	1	1	0	0	1	0	0
	total tests	3	11	9	10	6	11	12	5	2	4
	prevalence	0.0%	9.0%	11.1%	10.0%	16.6%	0.0%	0.0%	20.0%	0.0%	0.0%
WHITE	positive tests	29	21	46	45	33	15	11	10	15	12
	total tests	784	1,050	1,026	1,250	1,255	829	915	989	1,139	1,204
	prevalence	3.6%	2.0%	4.4%	3.6%	2.6%	1.8%	1.2%	1.0%	1.3%	0.9%

Table 24. Percent of patients with symptoms (i.e., discharge or dysuria).

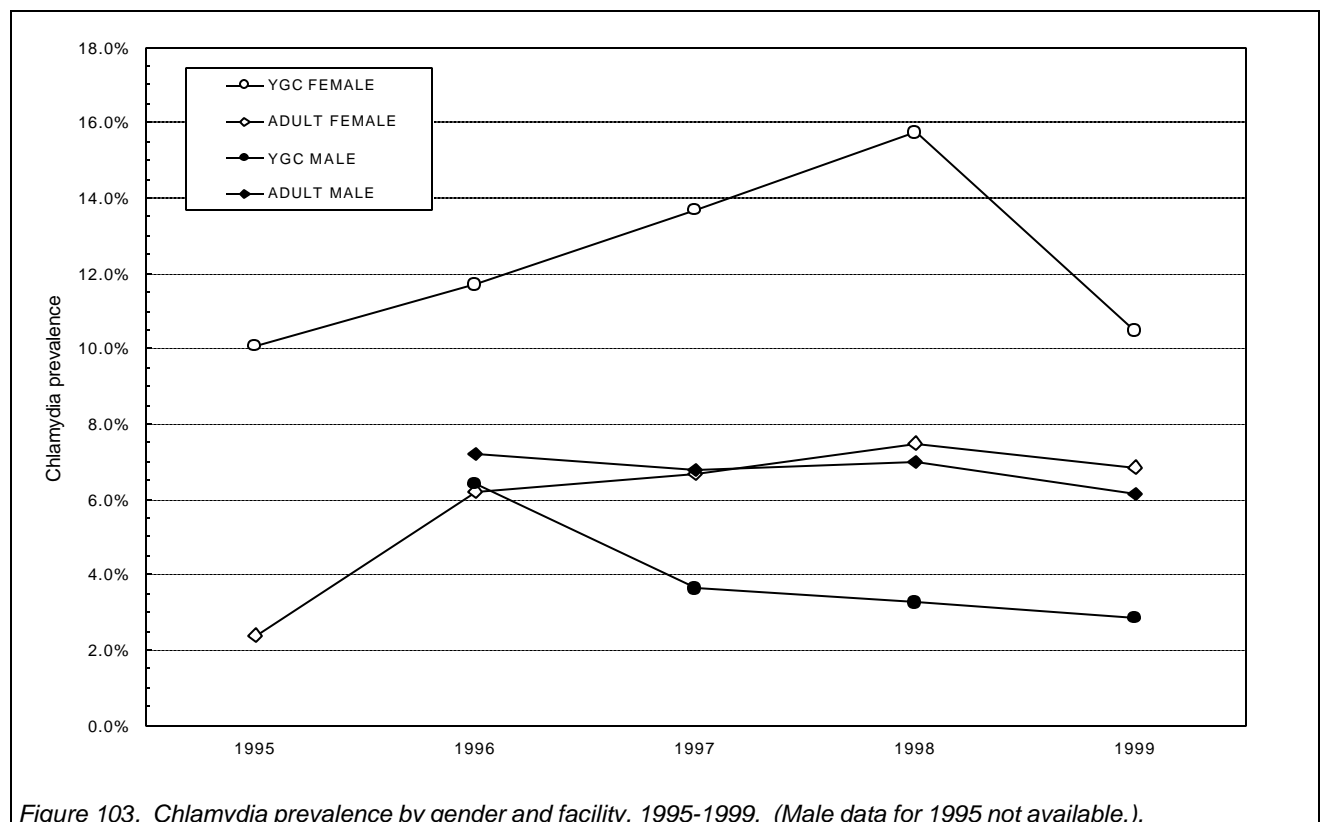
Screening site	Screening for									
	CHLAMYDIA					GONORRHEA				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CITY CLINIC	33.5%	34.9%	31.1%	30.8%	30.5%	28.0%	36.1%	32.9%	33.8%	31.9%
COLE STREET YOUTH CENTER	0.0%	17.8%	28.6%	20.9%	21.5%	NONE	34.1%	28.7%	20.8%	21.5%
OCEAN PARK HEALTH CENTER	0.0%	8.1%	16.8%	15.5%	18.7%	NONE	17.5%	16.4%	14.7%	19.2%
SOUTHEAST HEALTH CENTER	0.0%	23.2%	22.4%	29.5%	31.4%	NONE	36.9%	22.2%	29.6%	32.2%
YOUTH GUIDANCE CENTER	1.4%	24.6%	7.4%	0.6%	2.9%	NONE	49.0%	12.1%	0.6%	2.9%

C. Detention facilities

Urine-based screening for chlamydia was implemented in the San Francisco County Jails in September, 1996. Urine based screening for gonorrhea was implemented in the jails in March, 1997. Urine-based testing for both infections was implemented in the youth detention facility, Youth Guidance Center (YGC), in summer of 1997. The screening programs screen women up to age 35 and men up to age 30 years, because persons in these age ranges are at greatest risk for infections. The implementation of the urine-based tests greatly expanded the capacity to screen persons in these settings, especially males. For example, in 1995 there were 393 persons tested for chlamydia in the jails and 24 cases found, while in 1999 there were 8,569 persons tested and 535 chlamydial infections detected.

STD screening in the detention facilities has become a critical component of San Francisco's STD prevention and control efforts. There were more cases of chlamydia and gonorrhea detected among women screened in the jails than at any other site in San Francisco, including the STD clinic, City Clinic. In addition, while YGC detected lower numbers of cases, it had the highest prevalence of infection among women screened at any site in the city. Among men, the jails detect the second largest volume of cases of chlamydia and gonorrhea, surpassed only by the number detected at City Clinic. The volume and prevalence of infections detected in the detention facilities is particularly striking because more than 90 percent of persons with infections have no symptoms and thus would not seek medical services for their infections. In addition, we estimate that 90 percent of persons identified with an infection are treated, either in the jails or through the assistance of STD Services.

Between 1998 and 1999, the prevalence of chlamydia and gonorrhea declined among men and women screened in the detention facilities. Prevalences of infections are higher for women than men regardless of facility. As seen throughout San Francisco, chlamydia is found among tested persons three times more frequently than gonorrhea. In addition, the data gives us a clearer picture of the distribution of infections by age and gender among persons in San Francisco. Chlamydia rates are highest among 15-19 year old women and are 2.3 times higher than men of this age. The rates are highest among 20-24 year old men. Rates among 20-24 year old women are still higher than men but only by 27 percent. Gonorrhea also show an age differential, with rates being six time greater among females age 12-14 than males of this age. Prevalence of infection peaks for both males and females at 15-19 years with females having a 4.5 times higher rate. African-Americans had the highest prevalence of infections in the detention facilities of any racial or ethnic group. Interestingly, in these settings whites have the second highest prevalence of chlamydial infection, while they are ranked third for gonorrhea. We are investigating the racial/ethnic disparities between the detention facilities and the city as a whole and will report on it next year.



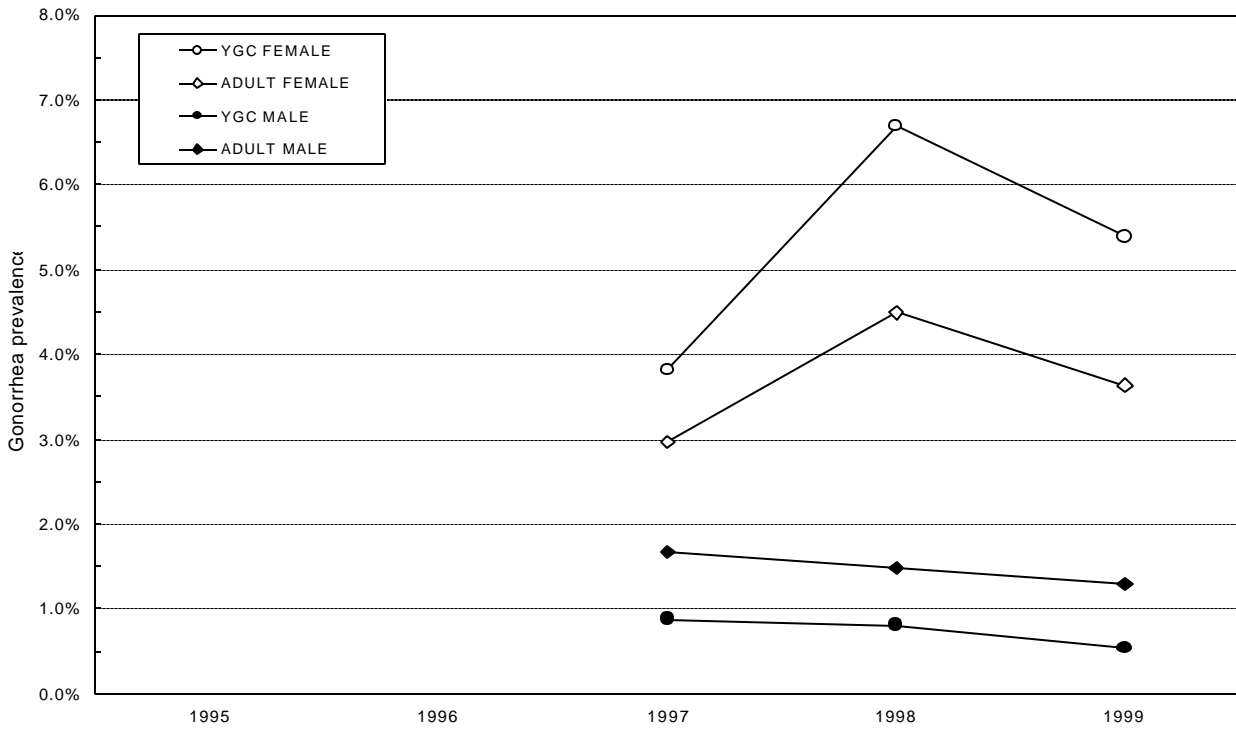


Figure 104. Gonorrhea prevalence by gender and facility, 1995-1999. (Gonorrhea data before 1997 not available.)

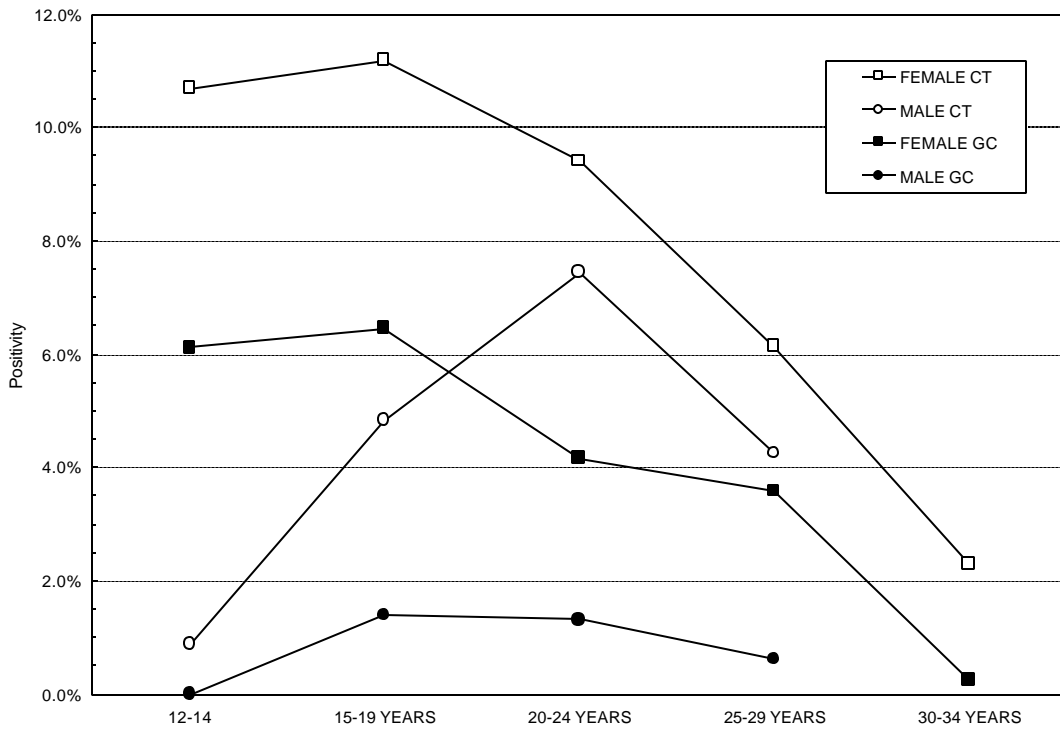


Figure 105. Age-specific prevalence by gender for detention screening, 1999.

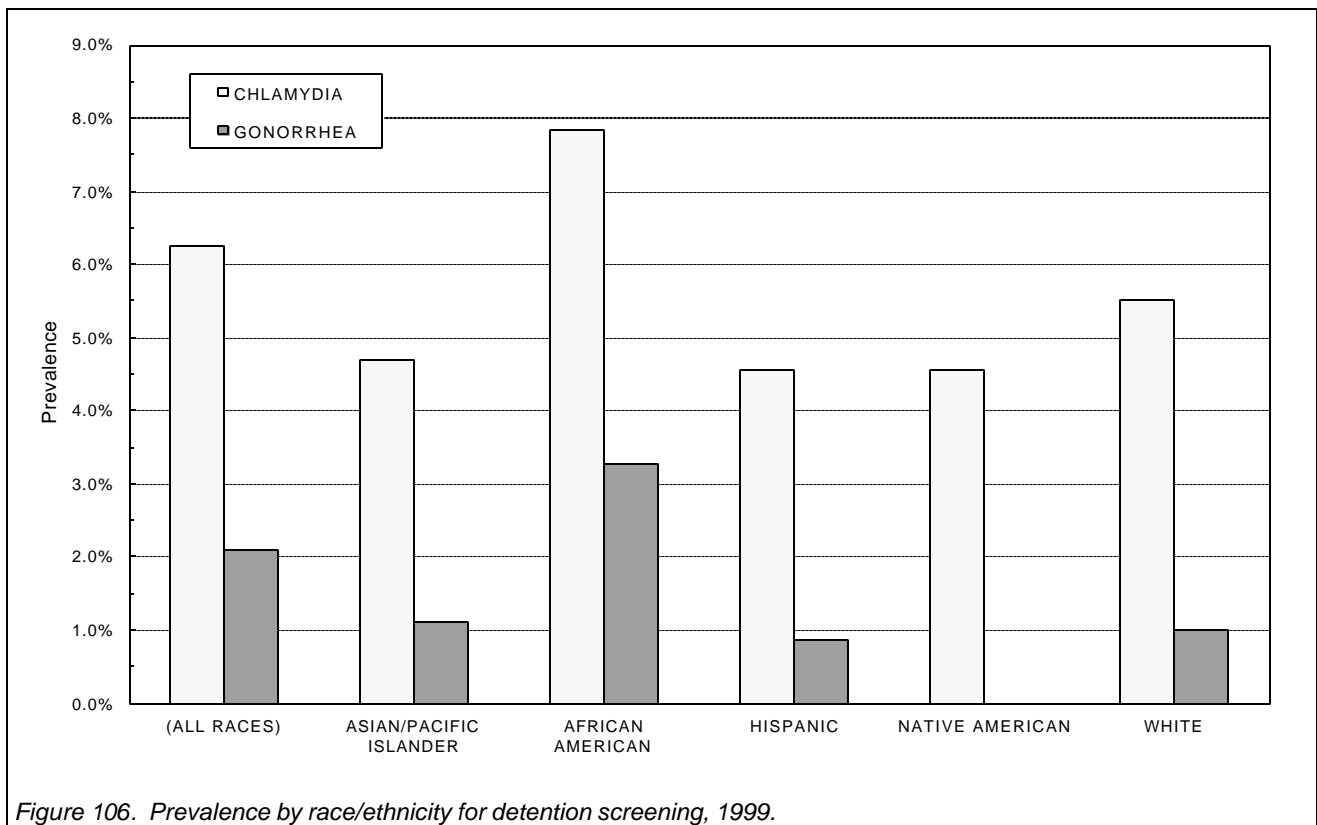


Table 25. STD cases identified and positivity rates for detention facilities by ethnicity of patient, 1995-1999. Gonorrhea data before 1997 and male chlamydia data for 1995 not available.

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL RACES)	positive tests	24	105	415	514	535	0	0	95	164	170
	total tests	393	1,307	5,975	6,980	8,569	0	0	4,807	6,947	8,155
	prevalence	6.1%	8.0%	6.9%	7.3%	6.2%	0	0	1.9%	2.3%	2.0%
ASIAN	positive tests	1	4	28	28	34	0	0	0	3	8
	total tests	14	59	395	527	727	0	0	322	545	723
	prevalence	7.1%	6.7%	7.0%	5.3%	4.6%	0	0	0.0%	0.5%	1.1%
BLACK	positive tests	16	64	240	291	311	0	0	61	112	124
	total tests	236	610	2,716	3,214	3,972	0	0	2,171	3,195	3,785
	prevalence	6.7%	10.4%	8.8%	9.0%	7.8%	0	0	2.8%	3.5%	3.2%
HISPANIC	positive tests	3	20	85	103	85	0	0	9	16	15
	total tests	68	364	1,569	1,701	1,865	0	0	1,232	1,689	1,771
	prevalence	4.4%	5.4%	5.4%	6.0%	4.5%	0	0	0.7%	0.9%	0.8%
NATIVE AMERICAN	positive tests	0	3	1	0	1	0	0	0	0	0
	total tests	1	11	13	19	22	0	0	1	0	0
	prevalence	0.0%	27.2%	7.6%	0.0%	4.5%	0	0	0.0%	0	0
WHITE	positive tests	3	8	49	62	81	0	0	18	21	14
	total tests	57	202	923	1,156	1,469	0	0	769	1,154	1,390
	prevalence	5.2%	3.9%	5.3%	5.3%	5.5%	0	0	2.3%	1.8%	1.0%

Table 26. STD cases identified and positivity rates for detention facilities by gender of patient, 1995-1999. Gonorrhea data before 1997 and male chlamydia data for 1995 not available.

(ALL PATIENTS)

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL SITES)	positive tests	24	105	415	514	535	0	0	95	164	170
	total tests	393	1,307	5,975	6,980	8,569	0	0	4,807	6,947	8,155
	prevalence	6.1%	8.0%	6.9%	7.3%	6.2%	0	0	1.9%	2.3%	2.0%
ADULT FACILITY	positive tests	10	82	301	377	425	0	0	73	115	128
	total tests	257	1,078	4,314	5,017	6,424	0	0	3,613	4,998	6,014
	prevalence	3.8%	7.6%	6.9%	7.5%	6.6%	0	0	2.0%	2.3%	2.1%
YOUTH GUIDANCE CENTER	positive tests	14	23	114	137	110	0	0	22	49	42
	total tests	136	229	1,661	1,963	2,145	0	0	1,194	1,949	2,141
	prevalence	10.2%	10.0%	6.8%	6.9%	5.1%	0	0	1.8%	2.5%	1.9%

Gender is FEMALE

(ALL SITES)	positive tests	24	50	131	212	217	0	0	38	99	109
	total tests	390	537	1,266	1,937	2,606	0	0	1,014	1,929	2,477
	prevalence	6.1%	9.3%	10.3%	10.9%	8.3%	0	0	3.7%	5.1%	4.4%
ADULT FACILITY	positive tests	10	32	58	120	150	0	0	23	61	75
	total tests	255	385	733	1,355	1,964	0	0	621	1,349	1,835
	prevalence	3.9%	8.3%	7.9%	8.8%	7.6%	0	0	3.7%	4.5%	4.0%
YOUTH GUIDANCE CENTER	positive tests	14	18	73	92	67	0	0	15	38	34
	total tests	135	152	533	582	642	0	0	393	580	642
	prevalence	10.3%	11.8%	13.6%	15.8%	10.4%	0	0	3.8%	6.5%	5.2%

Gender is MALE

(ALL SITES)	positive tests	0	55	284	302	318	0	0	57	65	61
	total tests	3	770	4,709	5,043	5,963	0	0	3,793	5,018	5,678
	prevalence	0.0%	7.1%	6.0%	5.9%	5.3%	0	0	1.5%	1.2%	1.0%
ADULT FACILITY	positive tests	0	50	243	257	275	0	0	50	54	53
	total tests	2	693	3,581	3,662	4,460	0	0	2,992	3,649	4,179
	prevalence	0.0%	7.2%	6.7%	7.0%	6.1%	0	0	1.6%	1.4%	1.2%
YOUTH GUIDANCE CENTER	positive tests	0	5	41	45	43	0	0	7	11	8
	total tests	1	77	1,128	1,381	1,503	0	0	801	1,369	1,499
	prevalence	0.0%	6.4%	3.6%	3.2%	2.8%	0	0	0.8%	0.8%	0.5%

Table 27. STD cases identified and positivity rates for detention facilities by age and gender of patient, 1995-1999. Gonorrhea data before 1997 and male chlamydia data for 1995 not available.

Gender is FEMALE

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL AGES)	positive tests	24	50	131	212	217	0	0	38	99	109
	total tests	390	537	1,266	1,937	2,606	0	0	1,014	1,929	2,477
	prevalence	6.1%	9.3%	10.3%	10.9%	8.3%	0	0	3.7%	5.1%	4.4%
10-14 YEARS	positive tests	4	7	21	20	14	0	0	6	8	8
	total tests	36	29	137	134	131	0	0	104	134	131
	prevalence	11.1%	24.1%	15.3%	14.9%	10.6%	0	0	5.7%	5.9%	6.1%
15-19 YEARS	positive tests	10	23	68	113	100	0	0	13	36	56
	total tests	128	179	482	681	894	0	0	361	677	867
	prevalence	7.8%	12.8%	14.1%	16.5%	11.1%	0	0	3.6%	5.3%	6.4%
20-24 YEARS	positive tests	6	15	20	45	65	0	0	9	26	27
	total tests	85	145	297	513	691	0	0	252	510	649
	prevalence	7.0%	10.3%	6.7%	8.7%	9.4%	0	0	3.5%	5.0%	4.1%
25-29 YEARS	positive tests	4	5	22	27	29	0	0	10	25	16
	total tests	141	184	350	409	472	0	0	297	408	447
	prevalence	2.8%	2.7%	6.2%	6.6%	6.1%	0	0	3.3%	6.1%	3.5%
30-34 YEARS	positive tests	0	0	0	2	7	0	0	0	3	0
	total tests	0	0	0	118	167	0	0	0	118	148
	prevalence	0	0	0	1.6%	4.1%	0	0	0	2.5%	0.0%
35-39 YEARS	positive tests	0	0	0	2	2	0	0	0	1	2
	total tests	0	0	0	53	155	0	0	0	53	145
	prevalence	0	0	0	3.7%	1.2%	0	0	0	1.8%	1.3%
40-44 YEARS	positive tests	0	0	0	3	0	0	0	0	0	0
	total tests	0	0	0	29	96	0	0	0	29	90
	prevalence	0	0	0	10.3%	0.0%	0	0	0	0.0%	0.0%

Gender is MALE

		CHLAMYDIA					GONORRHEA				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(ALL AGES)	positive tests	0	55	284	302	318	0	0	57	65	61
	total tests	3	770	4,709	5,043	5,963	0	0	3,793	5,018	5,678
	prevalence	0.0%	7.1%	6.0%	5.9%	5.3%	0	0	1.5%	1.2%	1.0%
10-14 YEARS	positive tests	0	2	3	1	3	0	0	0	0	0
	total tests	0	13	245	297	339	0	0	165	296	337
	prevalence	0	15.3%	1.2%	0.3%	0.8%	0	0	0.0%	0.0%	0.0%
15-19 YEARS	positive tests	0	11	93	100	92	0	0	18	24	26
	total tests	1	174	1,467	1,712	1,906	0	0	1,114	1,699	1,854
	prevalence	0.0%	6.3%	6.3%	5.8%	4.8%	0	0	1.6%	1.4%	1.4%
20-24 YEARS	positive tests	0	27	128	123	151	0	0	17	24	25
	total tests	2	299	1,527	1,663	2,029	0	0	1,275	1,659	1,900
	prevalence	0.0%	9.0%	8.3%	7.3%	7.4%	0	0	1.3%	1.4%	1.3%
25-29 YEARS	positive tests	0	15	60	78	72	0	0	22	17	10
	total tests	0	284	1,470	1,371	1,689	0	0	1,239	1,364	1,587
	prevalence	0	5.2%	4.0%	5.6%	4.2%	0	0	1.7%	1.2%	0.6%

III. City Clinic

The San Francisco City Clinic provides confidential, quality STD services to all residents over twelve years of age. The clinic is open nine hours a day, five days a week. Appointments are not necessary, though appointments are available to patients returning for follow-up tests or treatments.

The clinic offers evaluation, testing and treatment for gonorrhea, syphilis, chlamydia, and all other STDs. It houses a microbiology lab for STAT testing. In addition, the clinic offers STD patients confidential HIV testing, early care for HIV-infected patients, and family planning services for women, including pregnancy testing and PAP smears. It is the only municipal STD clinic in San Francisco.

The clinic is a focus of many studies, including behavioral interventions and new tests and therapies. The clinic also serves as a training center for clinicians throughout California and the southwest United States: due to the number of STD cases seen at the clinic, City Clinic clinicians have experience in recognizing uncommon STDs and atypical presentations.

A. Patient demographics

In the early 1980s City Clinic was a high-volume clinic for gay men with gonorrhea and syphilis. In 1980 there were 70,500 visits, which left an average of five minutes for clinicians to spend with each patient. In 1999, however, there were only 17,129 visits, and men who have sex with men accounted for only 37 percent of all patient visits. With a greater number of different STDs to evaluate and fewer patient visits, clinicians now spend approximately 30 minutes with each patient.

The average age of clinic patients is 32.2 years. The proportion of visits among patients under 30 has decreased from 51 percent in 1995 to 45 percent in 1999.

Though STD rates in San Francisco are highest among African Americans, only 19 percent of patient visits were among blacks, while 49 percent were among whites. Hispanics account for 22 percent of visits.

Most clinic visits (84 percent) were among persons living in San Francisco, with the majority of non-residents living in the Bay Area. Among San Francisco residents, the greatest number of visits were from persons living in the following neighborhoods: Downtown, Western Addition, Mission, Castro and South of Market.

Data from an anonymous survey of patients in 1996 showed that nearly half of all patients (49 percent) have no income or earn less than \$10,000 per year, and only 46 percent are employed full-time. The survey also indicated that 12 percent of patients are on some form of public assistance, 65 percent had no health insurance, and that 5 percent were homeless. However, 84 percent of all patients indicated they had attended some college.

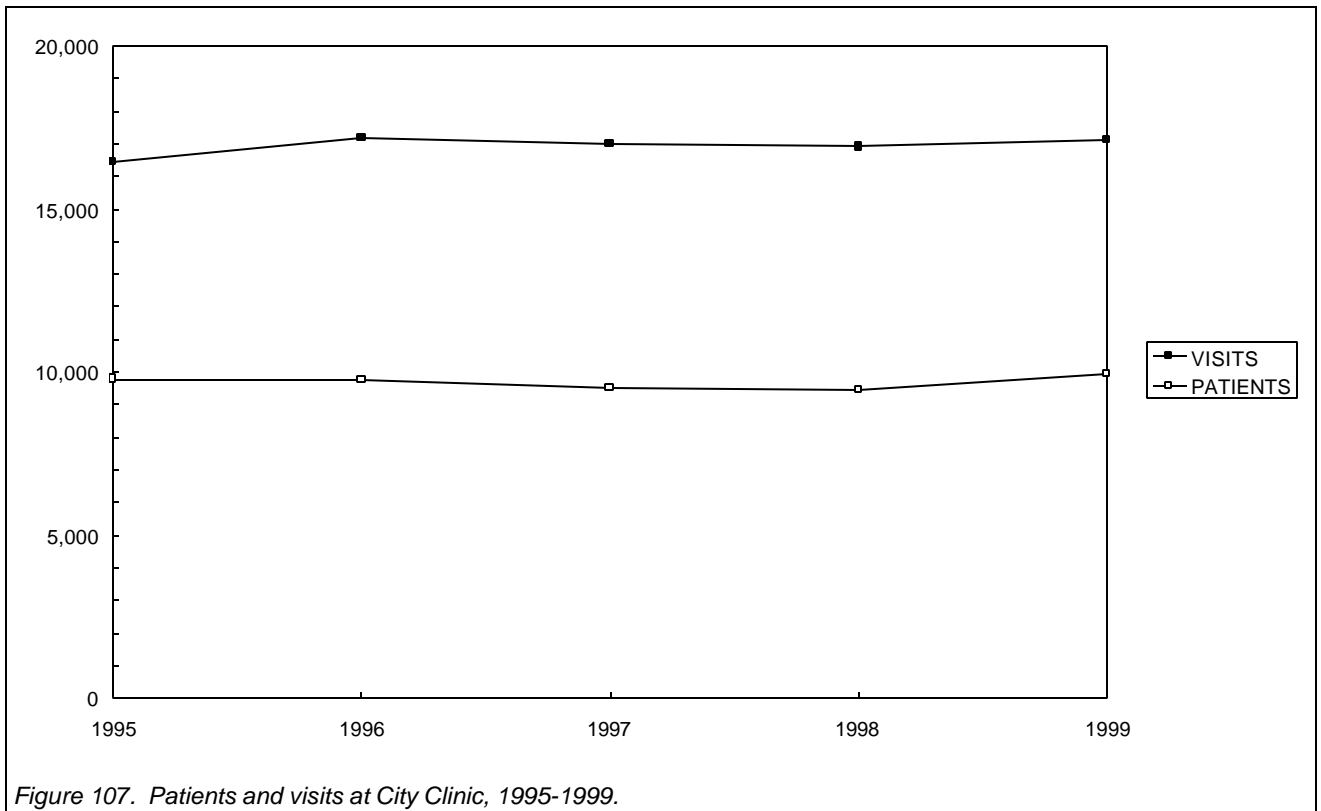


Figure 107. Patients and visits at City Clinic, 1995-1999.

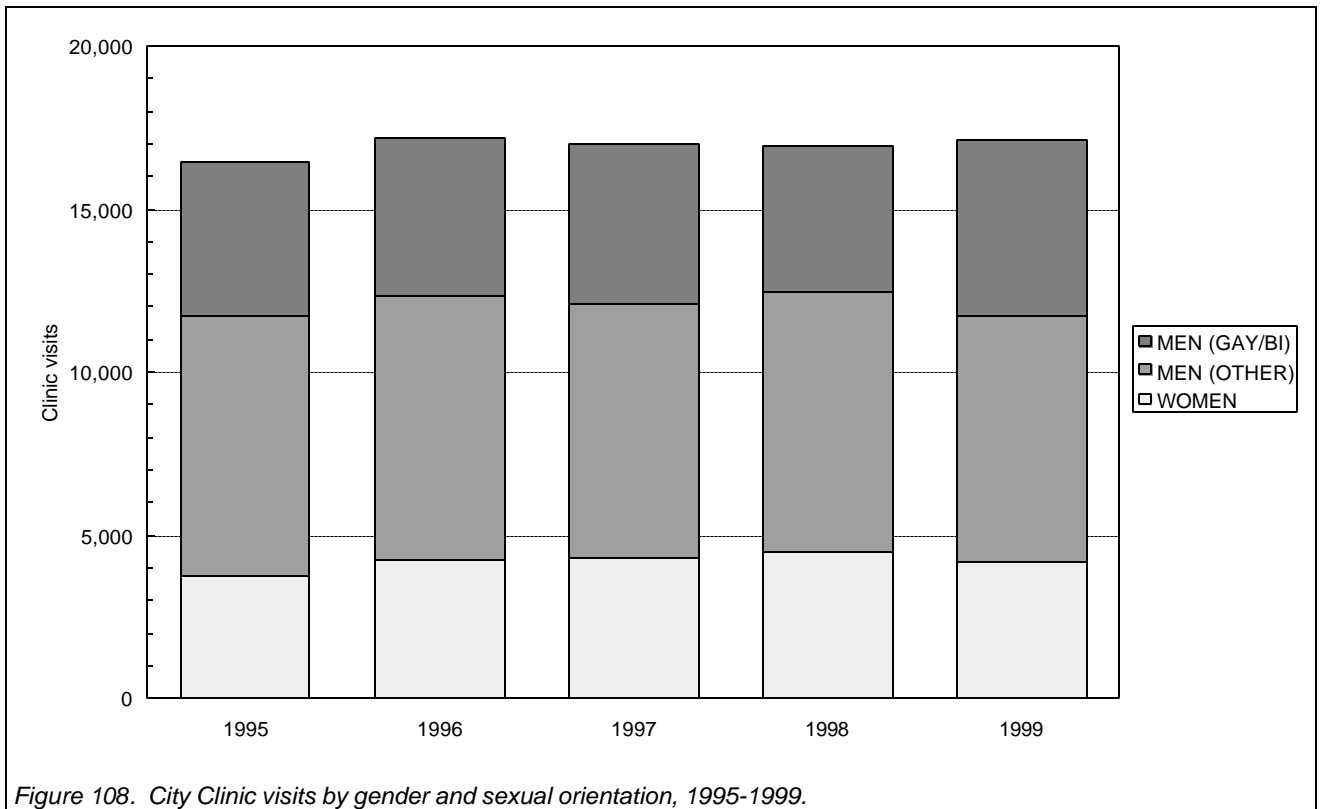


Figure 108. City Clinic visits by gender and sexual orientation, 1995-1999.

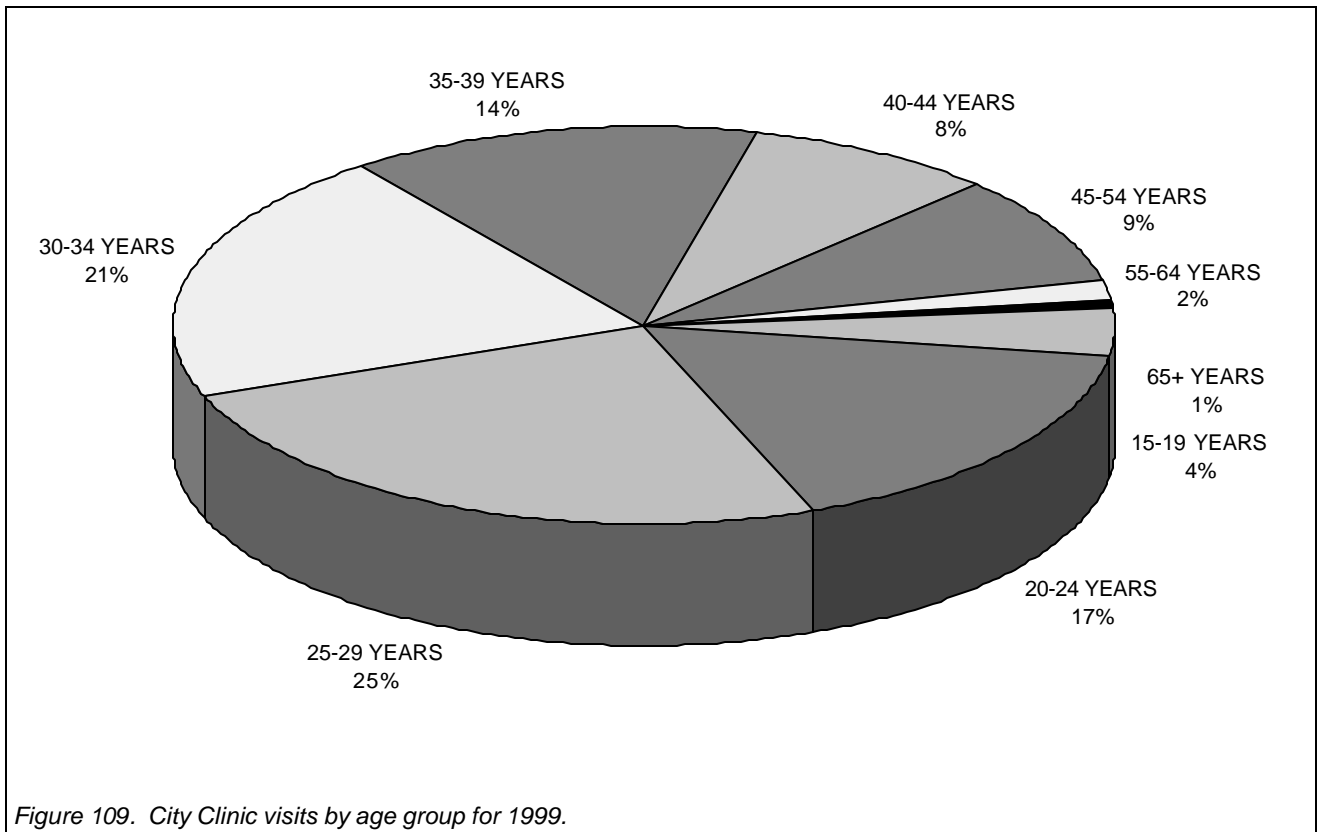


Figure 109. City Clinic visits by age group for 1999.

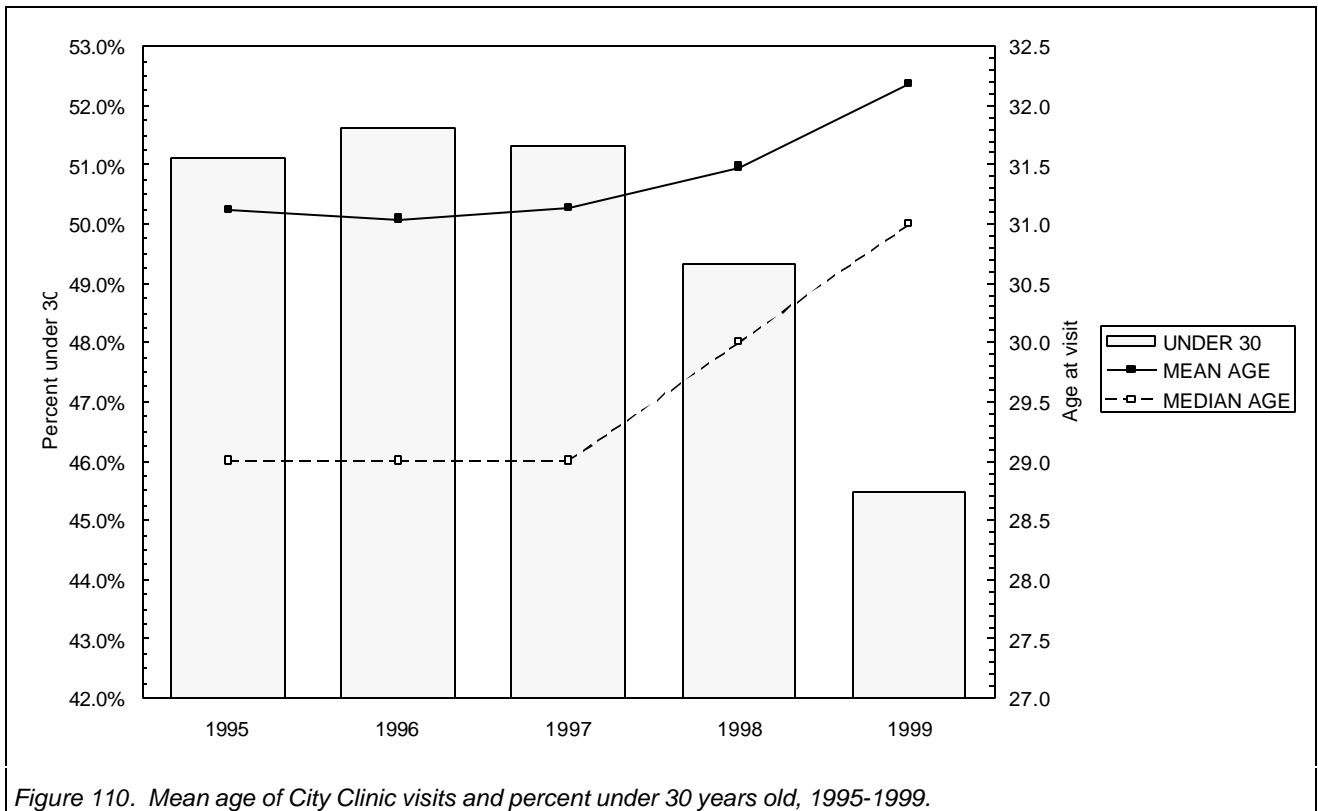


Figure 110. Mean age of City Clinic visits and percent under 30 years old, 1995-1999.

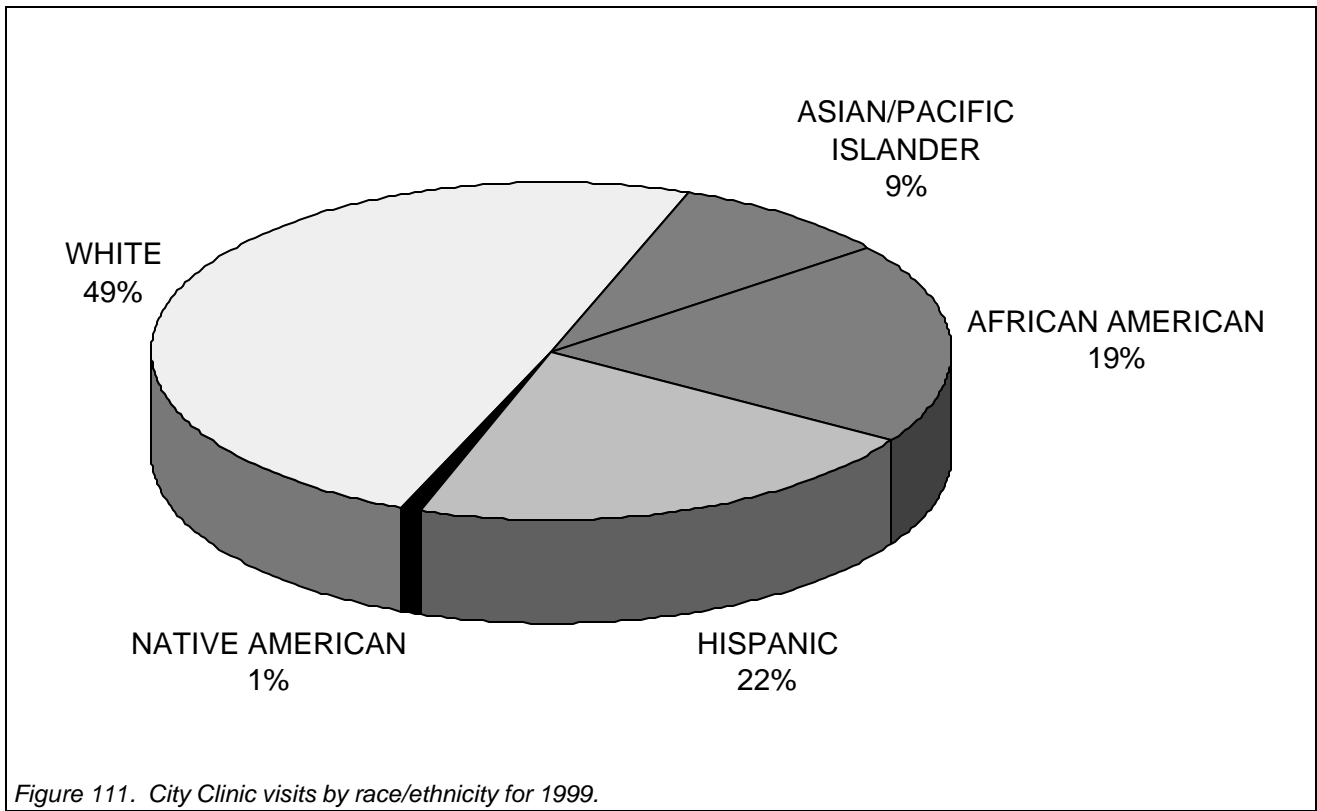


Figure 111. City Clinic visits by race/ethnicity for 1999.

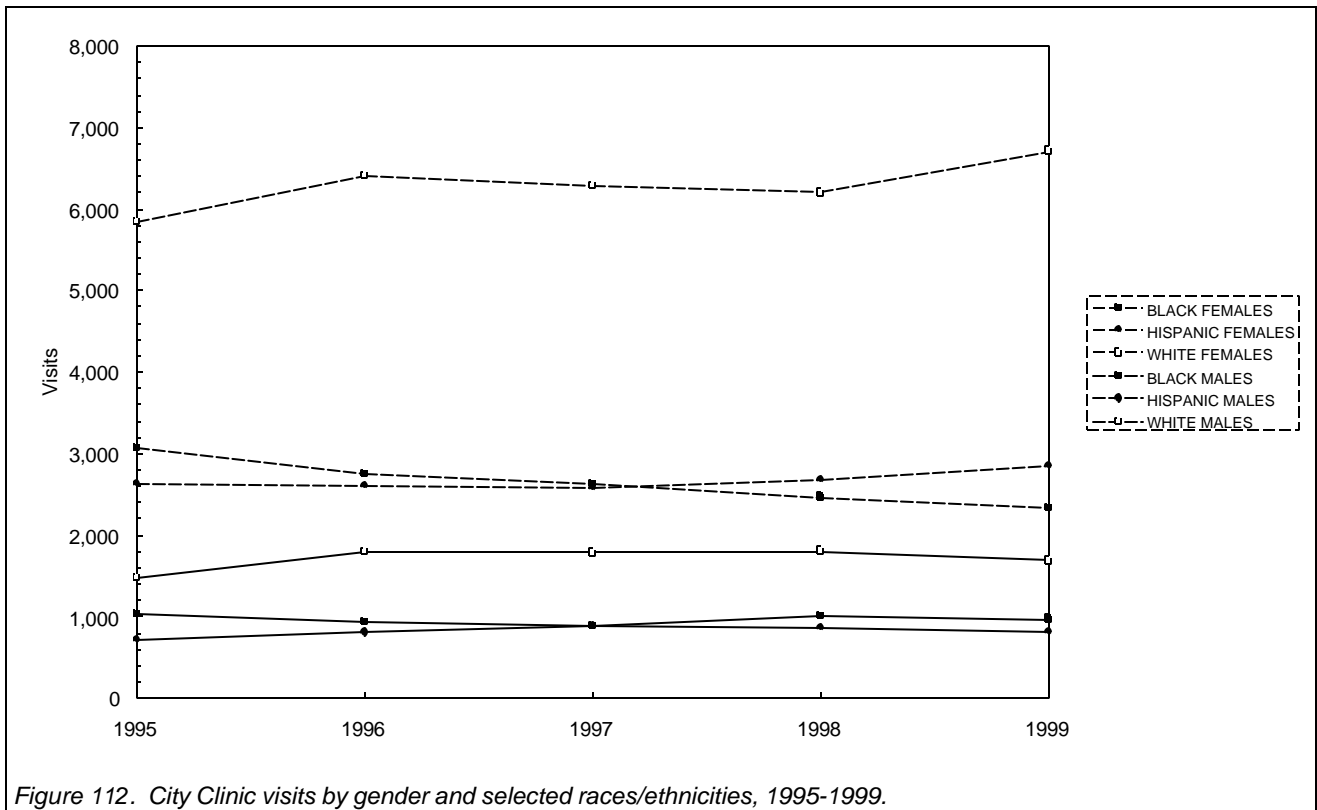


Figure 112. City Clinic visits by gender and selected races/ethnicities, 1995-1999.

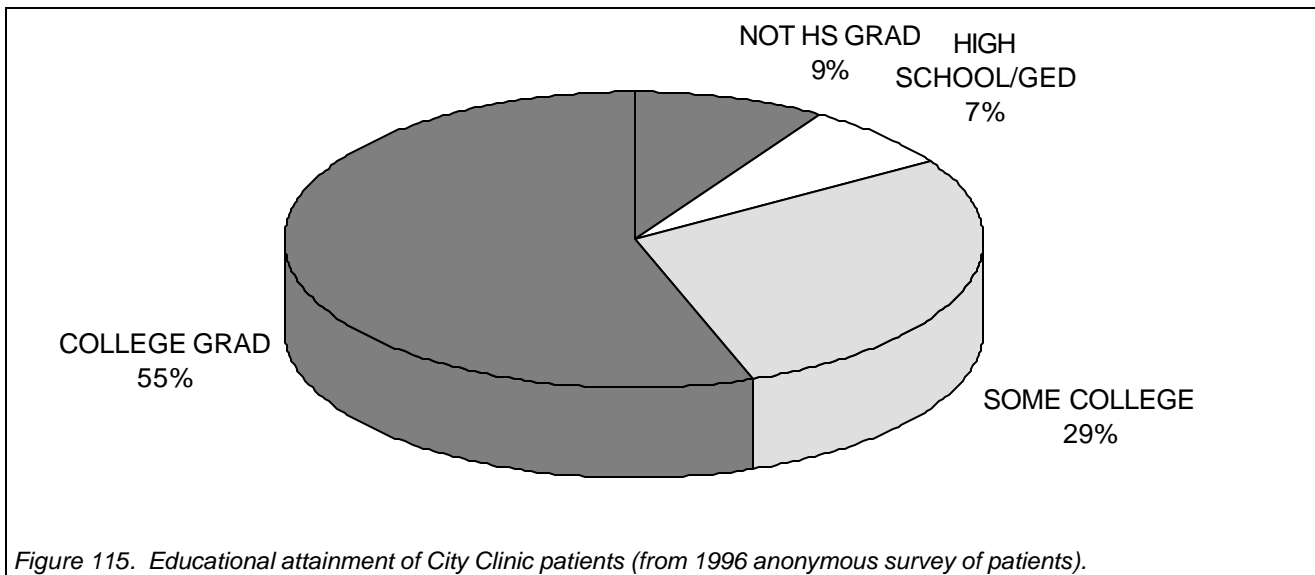
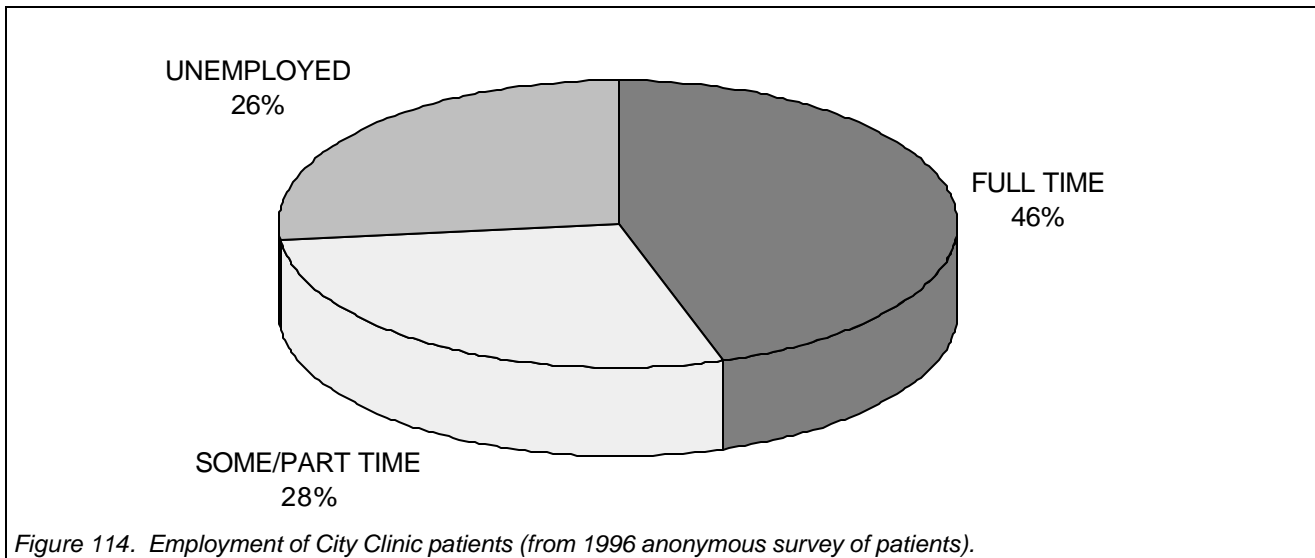
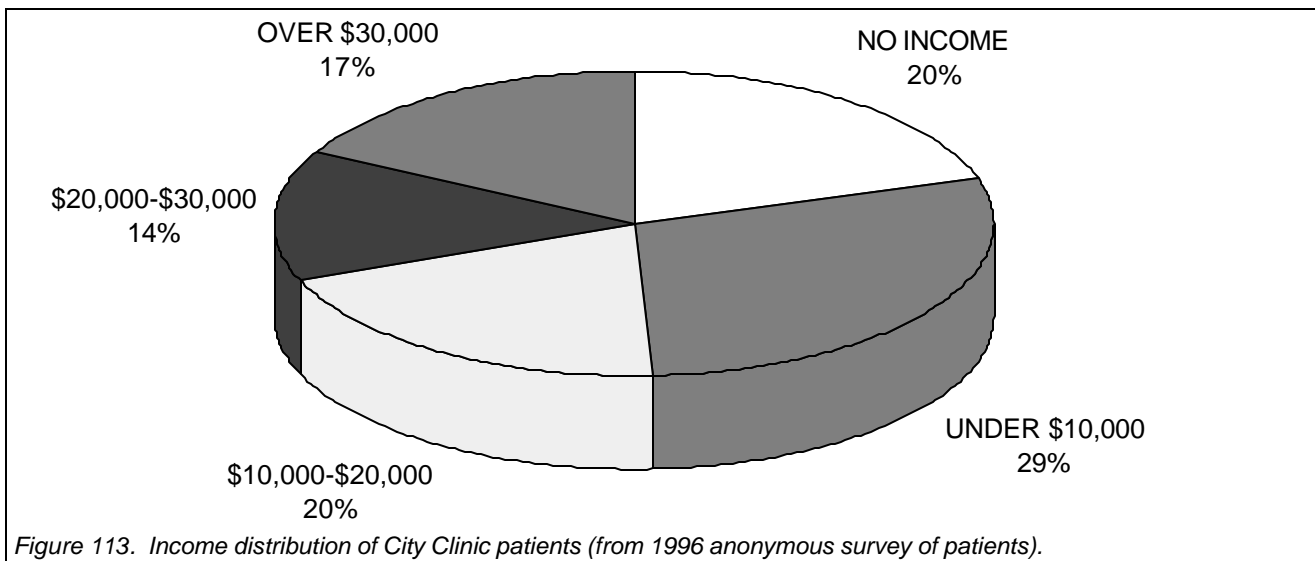


Table 28. Demographics of patients and clinic visits. Note: patients and visits missing demographics are not listed, but are included in denominators and totals.

	Total patients					Percent patients				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(TOTAL)	9,794	9,744	9,519	9,472	9,954	100%	100%	100%	100%	100%
Gender										
FEMALE	2,315	2,382	2,412	2,556	2,556	23.6%	24.5%	25.3%	26.9%	25.6%
MALE	7,468	7,291	7,067	6,890	7,354	76.2%	75.1%	74.2%	72.7%	73.9%
TRANSGENDER	7	24	33	24	38	0.0%	0.2%	0.3%	0.2%	0.3%
Sexual orientation										
FEMALE BISEXUAL	163	204	174	169	181	1.8%	2.3%	2.3%	2.6%	2.2%
LESBIAN	54	50	40	31	53	0.6%	0.5%	0.5%	0.4%	0.6%
STRAIGHT	1,890	1,808	1,604	1,443	1,747	21.1%	21.1%	21.5%	22.5%	21.8%
(REFUSED)	40	51	23	10	15					
(MISSING)	168	269	571	903	560					
MALE BISEXUAL	445	418	390	325	385	4.9%	4.8%	5.2%	5.0%	4.8%
GAY	1,716	1,754	1,654	1,545	2,085	19.1%	20.4%	22.2%	24.1%	26.0%
STRAIGHT	4,675	4,315	3,565	2,871	3,506	52.2%	50.3%	47.8%	44.8%	43.8%
(REFUSED)	150	153	65	34	46					
(MISSING)	482	651	1,393	2,115	1,332					
TRANS-GENDER BISEXUAL	2	3	4	3	6	0.0%	0.0%	0.0%	0.0%	0.0%
GAY	4	8	12	13	23	0.0%	0.0%	0.1%	0.2%	0.2%
STRAIGHT	0	7	7	4	5	0	0.0%	0.0%	0.0%	0.0%
(REFUSED)	0	3	1	1	1					
(MISSING)	1	3	9	3	3					
Ethnicity										
ASIAN/PI	708	794	870	907	894	7.2%	8.1%	9.1%	9.5%	8.9%
BLACK	2,567	2,174	2,129	2,056	2,020	26.2%	22.3%	22.3%	21.7%	20.2%
HISPANIC	1,968	1,899	1,830	1,841	2,020	20.0%	19.4%	19.2%	19.4%	20.2%
NATV AMER	62	112	83	72	64	0.6%	1.1%	0.8%	0.7%	0.6%
MISSING	224	279	197	109	87	2.2%	2.8%	2.0%	1.1%	0.8%
WHITE	4,265	4,486	4,410	4,487	4,869	43.5%	46.0%	46.3%	47.3%	48.9%
Age group										
15-19 YRS	606	528	494	512	451	6.1%	5.4%	5.1%	5.4%	4.5%
20-24 YRS	1,981	1,866	1,830	1,698	1,732	20.2%	19.1%	19.2%	17.9%	17.4%
25-29 YRS	2,503	2,525	2,442	2,460	2,417	25.5%	25.9%	25.6%	25.9%	24.2%
30-34 YRS	1,839	1,891	1,803	1,769	1,913	18.7%	19.4%	18.9%	18.6%	19.2%
35-39 YRS	1,215	1,285	1,216	1,301	1,406	12.4%	13.1%	12.7%	13.7%	14.1%
40-44 YRS	764	763	802	802	879	7.8%	7.8%	8.4%	8.4%	8.8%
45-54 YRS	649	642	698	721	909	6.6%	6.5%	7.3%	7.6%	9.1%
55-64 YRS	156	157	170	152	188	1.5%	1.6%	1.7%	1.6%	1.8%
65+ YRS	73	58	52	46	50	0.7%	0.5%	0.5%	0.4%	0.5%

(Table 28, continued)

	Total clinic visits					Percent clinic visits				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
(TOTAL)	16,429	17,202	16,989	16,911	17,129	100%	100%	100%	100%	100%
Gender										
FEMALE	3,751	4,221	4,270	4,473	4,192	22.8%	24.6%	25.1%	26.4%	24.4%
MALE	12,659	12,884	12,647	12,369	12,832	77.0%	75.1%	74.4%	73.1%	74.9%
TRANSGENDER	15	48	64	67	94	0.0%	0.2%	0.3%	0.3%	0.5%
Sexual orientation										
FEMALE BISEXUAL	273	361	290	308	306	1.7%	2.3%	2.0%	2.5%	2.1%
LESBIAN	71	86	67	45	98	0.4%	0.5%	0.4%	0.3%	0.6%
STRAIGHT	3,120	3,279	3,060	2,749	2,975	20.4%	21.1%	21.8%	22.4%	20.9%
FEMALE (REFUSED)	53	79	36	21	26					
(MISSING)	234	416	817	1,350	787					
MALE BISEXUAL	852	773	794	691	741	5.5%	4.9%	5.6%	5.6%	5.2%
GAY	3,807	4,075	4,031	3,720	4,584	24.9%	26.3%	28.7%	30.3%	32.2%
STRAIGHT	7,114	6,858	5,733	4,668	5,409	46.6%	44.3%	40.8%	38.1%	38.0%
(REFUSED)	233	244	105	47	63					
(MISSING)	653	934	1,984	3,243	2,035					
TRAN- BISEXUAL	2	6	5	8	31	0.0%	0.0%	0.0%	0.0%	0.2%
GENDER GAY	12	19	37	40	52	0.0%	0.1%	0.2%	0.3%	0.3%
STRAIGHT	0	16	10	9	6	0	0.1%	0.0%	0.0%	0.0%
(REFUSED)	0	4	2	4	2					
(MISSING)	1	3	10	6	3					
Ethnicity										
ASIAN/PI	1,184	1,341	1,491	1,621	1,504	7.2%	7.7%	8.7%	9.5%	8.7%
BLACK	4,098	3,687	3,516	3,471	3,313	24.9%	21.4%	20.6%	20.5%	19.3%
HISPANIC	3,350	3,405	3,468	3,540	3,655	20.3%	19.7%	20.4%	20.9%	21.3%
NATV AMER	119	165	153	124	124	0.7%	0.9%	0.9%	0.7%	0.7%
MISSING	348	398	297	150	135	2.1%	2.3%	1.7%	0.8%	0.7%
WHITE	7,330	8,206	8,064	8,005	8,398	44.6%	47.7%	47.4%	47.3%	49.0%
Age group										
15-19 YRS	910	837	808	852	686	5.5%	4.8%	4.7%	5.0%	4.0%
20-24 YRS	3,255	3,285	3,288	3,007	2,828	19.8%	19.0%	19.3%	17.7%	16.5%
25-29 YRS	4,225	4,735	4,610	4,474	4,263	25.7%	27.5%	27.1%	26.4%	24.8%
30-34 YRS	3,234	3,385	3,246	3,276	3,515	19.6%	19.6%	19.1%	19.3%	20.5%
35-39 YRS	2,071	2,145	2,123	2,345	2,462	12.6%	12.4%	12.4%	13.8%	14.3%
40-44 YRS	1,272	1,346	1,427	1,355	1,442	7.7%	7.8%	8.3%	8.0%	8.4%
45-54 YRS	1,053	1,074	1,123	1,254	1,559	6.4%	6.2%	6.6%	7.4%	9.1%
55-64 YRS	275	273	285	263	281	1.6%	1.5%	1.6%	1.5%	1.6%
65+ YRS	123	92	66	72	79	0.7%	0.5%	0.3%	0.4%	0.4%

Table 29. Clinic visits by city of residence in descending order of visits in 1999. Cities with less than two visits in 1999 included in "other." Cities are California unless otherwise specified.

City	Visits					Percent				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
SAN FRANCISCO	14,561	14,779	14,467	14,380	14,393	88.6%	85.9%	85.1%	85.0%	84.0%
OAKLAND	405	508	588	575	601	2.4%	2.9%	3.4%	3.4%	3.5%
DALY CITY	357	336	271	325	321	2.1%	1.9%	1.5%	1.9%	1.8%
(MISSING)	39	356	284	320	301	0.2%	2.0%	1.6%	1.8%	1.7%
BERKELEY	102	96	132	117	133	0.6%	0.5%	0.7%	0.6%	0.7%
(OTHER)	110	144	236	191	112	0.6%	0.8%	1.3%	1.1%	0.6%
SOUTH SAN FRANCISCO	83	132	98	96	81	0.5%	0.7%	0.5%	0.5%	0.4%
PACIFICA	48	35	52	59	62	0.2%	0.2%	0.3%	0.3%	0.3%
ALAMEDA	34	60	28	45	60	0.2%	0.3%	0.1%	0.2%	0.3%
RICHMOND	38	66	58	55	60	0.2%	0.3%	0.3%	0.3%	0.3%
(HOMELESS)	35	67	100	54	55	0.2%	0.3%	0.5%	0.3%	0.3%
SAN JOSE	19	28	25	24	50	0.1%	0.1%	0.1%	0.1%	0.2%
SAN MATEO	16	25	50	45	50	0.0%	0.1%	0.2%	0.2%	0.2%
HAYWARD	40	26	41	34	38	0.2%	0.1%	0.2%	0.2%	0.2%
SAN LEANDRO	25	26	24	36	35	0.1%	0.1%	0.1%	0.2%	0.2%
SAUSALITO	16	15	24	17	33	0.0%	0.0%	0.1%	0.1%	0.1%
PALO ALTO	6	7	11	11	31	0.0%	0.0%	0.0%	0.0%	0.1%
EMERYVILLE	10	20	26	14	30	0.0%	0.1%	0.1%	0.0%	0.1%
WALNUT CREEK	21	38	23	23	30	0.1%	0.2%	0.1%	0.1%	0.1%
SAN BRUNO	50	44	30	37	29	0.3%	0.2%	0.1%	0.2%	0.1%
BURLINGAME	15	11	8	12	27	0.0%	0.0%	0.0%	0.0%	0.1%
CONCORD	21	20	21	21	26	0.1%	0.1%	0.1%	0.1%	0.1%
PITTSBURG	17	7	10	13	26	0.1%	0.0%	0.0%	0.0%	0.1%
SAN RAFAEL	52	24	20	18	25	0.3%	0.1%	0.1%	0.1%	0.1%
REDWOOD CITY	13	9	10	25	23	0.0%	0.0%	0.0%	0.1%	0.1%
SAN PABLO	15	21	16	14	19	0.0%	0.1%	0.0%	0.0%	0.1%
EL CERRITO	6	8	18	36	18	0.0%	0.0%	0.1%	0.2%	0.1%
BRISBANE	19	12	11	19	17	0.1%	0.0%	0.0%	0.1%	0.0%
MILL VALLEY	19	15	15	16	17	0.1%	0.0%	0.0%	0.0%	0.0%
PLEASANTON	0	0	1	6	16	0	0	0.0%	0.0%	0.0%
MILLBRAE	15	14	14	16	15	0.0%	0.0%	0.0%	0.0%	0.0%
SANTA CRUZ	6	4	10	6	15	0.0%	0.0%	0.0%	0.0%	0.0%
UNION CITY	6	12	3	5	15	0.0%	0.0%	0.0%	0.0%	0.0%
VALLEJO	15	18	20	19	15	0.0%	0.1%	0.1%	0.1%	0.0%
DUBLIN	0	0	3	3	12	0	0	0.0%	0.0%	0.0%
BELMONT	2	7	12	5	11	0.0%	0.0%	0.0%	0.0%	0.0%
MOUNTAIN VIEW	15	12	5	12	11	0.0%	0.0%	0.0%	0.0%	0.0%
SUNNYVALE	1	3	6	12	11	0.0%	0.0%	0.0%	0.0%	0.0%
ALBANY	1	2	8	9	10	0.0%	0.0%	0.0%	0.0%	0.0%
FREMONT	7	21	10	13	10	0.0%	0.1%	0.0%	0.0%	0.0%
SACRAMENTO	10	9	5	10	10	0.0%	0.0%	0.0%	0.0%	0.0%
SAN ANSELMO	2	1	2	2	10	0.0%	0.0%	0.0%	0.0%	0.0%
SANTA CLARA	4	6	2	2	10	0.0%	0.0%	0.0%	0.0%	0.0%
HERCULES	4	1	7	7	9	0.0%	0.0%	0.0%	0.0%	0.0%
MENLO PARK	0	9	2	10	9	0	0.0%	0.0%	0.0%	0.0%
CASTRO VALLEY	4	3	9	5	8	0.0%	0.0%	0.0%	0.0%	0.0%
FAIRFIELD	5	6	8	5	8	0.0%	0.0%	0.0%	0.0%	0.0%
NEW YORK CITY, NY	4	5	8	2	8	0.0%	0.0%	0.0%	0.0%	0.0%
KAILUA KONA, HI	0	0	9	7	7	0	0	0.0%	0.0%	0.0%
STINSON BEACH	0	0	1	0	7	0	0	0.0%	0	0.0%
BENICIA	5	4	0	1	6	0.0%	0.0%	0	0.0%	0.0%
LOS ANGELES	6	7	11	6	6	0.0%	0.0%	0.0%	0.0%	0.0%
NAPA	4	8	6	5	6	0.0%	0.0%	0.0%	0.0%	0.0%
NEWARK	5	2	0	6	6	0.0%	0.0%	0	0.0%	0.0%
NOVATO	5	12	8	6	6	0.0%	0.0%	0.0%	0.0%	0.0%
SANTA ROSA	4	5	7	3	6	0.0%	0.0%	0.0%	0.0%	0.0%
FAIRFAX	5	1	1	1	5	0.0%	0.0%	0.0%	0.0%	0.0%
MILPITAS	1	7	6	4	5	0.0%	0.0%	0.0%	0.0%	0.0%
PETALUMA	3	14	9	2	5	0.0%	0.0%	0.0%	0.0%	0.0%
PLEASANT HILL	1	2	1	2	5	0.0%	0.0%	0.0%	0.0%	0.0%
SAN CARLOS	6	1	1	2	5	0.0%	0.0%	0.0%	0.0%	0.0%
SAN RAMON	10	2	5	3	5	0.0%	0.0%	0.0%	0.0%	0.0%

(Table 29, continued)

City	Visits					Percent				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
SANTA MONICA	1	1	0	2	5	0.0%	0.0%	0	0.0%	0.0%
CORTE MADERA	2	6	5	8	4	0.0%	0.0%	0.0%	0.0%	0.0%
EL SOBRANTE	9	1	16	9	4	0.0%	0.0%	0.0%	0.0%	0.0%
GUERNEVILLE	3	1	2	4	4	0.0%	0.0%	0.0%	0.0%	0.0%
HOLY CITY	0	0	0	0	4	0	0	0	0	0.0%
IRVINE	0	0	0	0	4	0	0	0	0	0.0%
ORINDA	0	4	10	3	4	0	0.0%	0.0%	0.0%	0.0%
SUISUN CITY	1	0	1	3	4	0.0%	0	0.0%	0.0%	0.0%
BROOKLYN, NY	0	0	1	1	3	0	0	0.0%	0.0%	0.0%
CAMPBELL	0	0	1	0	3	0	0	0.0%	0	0.0%
HONOLULU, HI	0	1	0	0	3	0	0.0%	0	0	0.0%
LAKEPORT	0	0	0	0	3	0	0	0	0	0.0%
LARKSPUR	1	8	2	3	3	0.0%	0.0%	0.0%	0.0%	0.0%
LOS ALTOS	1	1	7	0	3	0.0%	0.0%	0.0%	0	0.0%
MARTINEZ	6	0	0	6	3	0.0%	0	0	0.0%	0.0%
MODESTO	6	1	0	0	3	0.0%	0.0%	0	0	0.0%
PINOLE	5	5	3	8	3	0.0%	0.0%	0.0%	0.0%	0.0%
SALINAS	0	4	1	0	3	0	0	0.0%	0	0.0%
SAN LORENZO	6	2	4	2	3	0.0%	0.0%	0.0%	0.0%	0.0%
SEWICKLEY, PA	0	0	0	0	3	0	0	0	0	0.0%
TRACY	0	0	1	1	3	0	0	0.0%	0.0%	0.0%
WINTERS	1	2	1	0	3	0.0%	0.0%	0.0%	0	0.0%
ANTIOCH	0	2	1	9	2	0	0.0%	0.0%	0.0%	0.0%
BAKERSFIELD	1	0	0	0	2	0.0%	0	0	0	0.0%
BELLEVUE, WA	0	0	0	0	2	0	0	0	0	0.0%
BELVEDERE TIBURON	0	0	0	0	2	0	0	0	0	0.0%
CANYON	0	1	2	0	2	0	0.0%	0.0%	0	0.0%
CERES	0	0	0	2	2	0	0	0	0.0%	0.0%
CLAYTON	3	0	0	0	2	0.0%	0	0	0	0.0%
CUPERTINO	1	1	1	0	2	0.0%	0.0%	0.0%	0	0.0%
FAIR OAKS	1	0	0	2	2	0.0%	0	0	0.0%	0.0%
HALF MOON BAY	5	2	9	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
JENNER	0	0	0	0	2	0	0	0	0	0.0%
LAFAYETTE	5	3	5	3	2	0.0%	0.0%	0.0%	0.0%	0.0%
LOS GATOS	0	3	3	1	2	0	0.0%	0.0%	0.0%	0.0%
MONTEREY	1	0	1	1	2	0.0%	0	0.0%	0.0%	0.0%
MORAGA	1	4	2	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
MURRIETA	0	0	0	0	2	0	0	0	0	0.0%
OAKLEY	0	0	2	0	2	0	0	0.0%	0	0.0%
PALM DESERT	0	0	0	0	2	0	0	0	0	0.0%
PORTSMOUTH, VA	0	0	0	0	2	0	0	0	0	0.0%
RODEO	0	6	1	0	2	0	0.0%	0.0%	0	0.0%
ROHNERT PARK	12	2	1	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
SAN LUIS OBISPO	1	0	5	1	2	0.0%	0	0.0%	0.0%	0.0%
SAN MARTIN	0	0	0	0	2	0	0	0	0	0.0%
SEATTLE, WA	2	3	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
SONOMA	1	1	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
STOCKTON	3	2	2	4	2	0.0%	0.0%	0.0%	0.0%	0.0%
THE SEA RANCH	0	0	0	0	2	0	0	0	0	0.0%
VACAVILLE	2	2	0	2	2	0.0%	0.0%	0	0.0%	0.0%
VISALIA	0	0	0	0	2	0	0	0	0	0.0%
(TOTAL)	16,429	17,202	16,989	16,911	17,129	100%	100%	100%	100%	100%

Table 30. Clinic visits by neighborhood of residence for San Francisco residents.

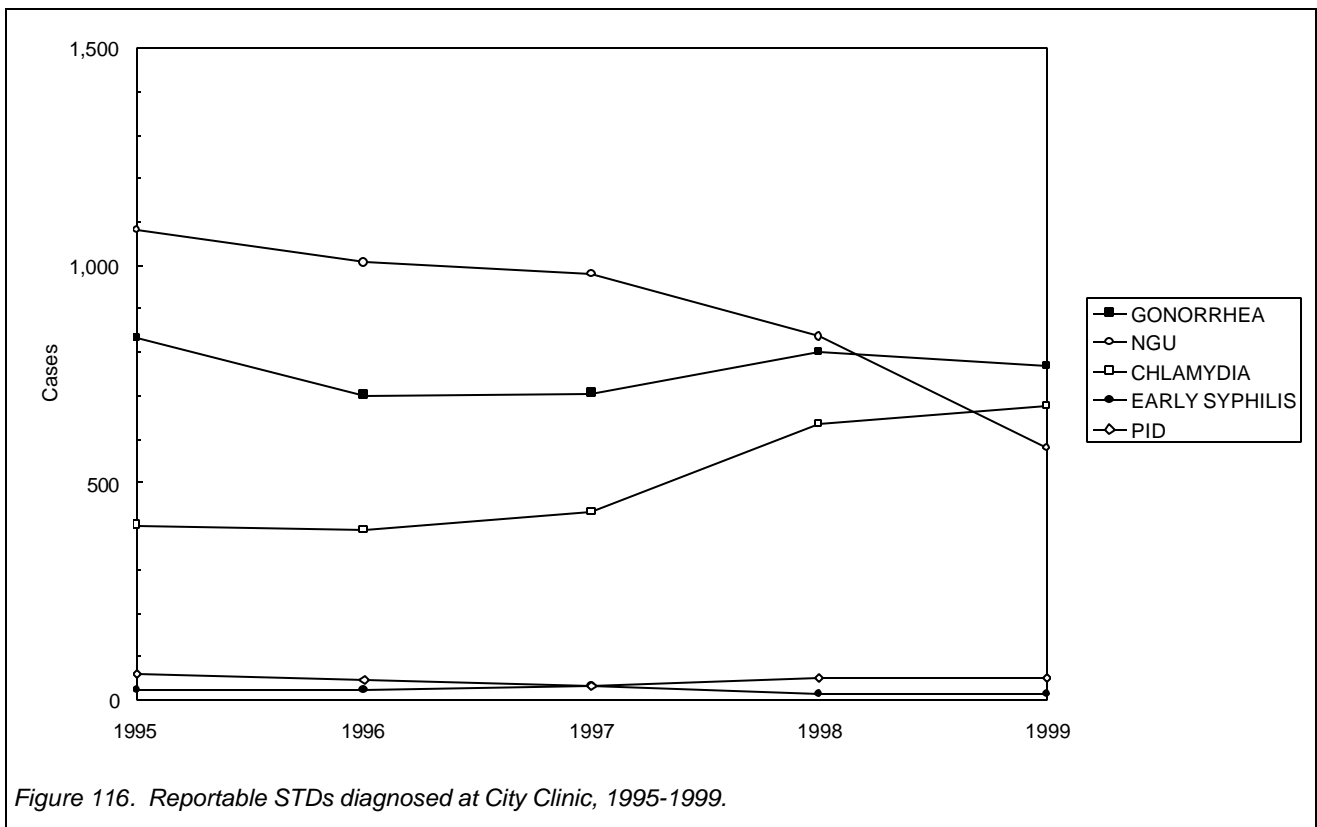
	Clinic visits					Percent				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
DPH Planner's District										
ALEMANY	449	530	505	484	494	3.1%	3.6%	3.5%	3.5%	3.6%
BAYVIEW	224	213	169	194	233	1.5%	1.4%	1.1%	1.4%	1.6%
BERNAL HTS	564	562	474	438	478	3.9%	3.8%	3.3%	3.1%	3.4%
CASTRO	721	750	701	682	851	5.0%	5.2%	4.9%	4.9%	6.2%
CHINATOWN	275	271	282	275	220	1.9%	1.8%	2.0%	1.9%	1.6%
DIAMOND HTS	79	132	115	96	128	0.5%	0.9%	0.8%	0.6%	0.9%
DOWNTOWN	1,873	1,790	1,909	1,877	1,868	13.0%	12.4%	13.5%	13.5%	13.6%
DUBOCE TRIANGLE	143	122	154	161	148	0.9%	0.8%	1.0%	1.1%	1.0%
GLEN PK	175	210	230	226	209	1.2%	1.4%	1.6%	1.6%	1.5%
GOLDEN GATE PK	10	12	7	12	7	0.0%	0.0%	0.0%	0.0%	0.0%
GUERRERO	359	357	308	356	347	2.4%	2.4%	2.1%	2.5%	2.5%
HAIGHT DISTRICT	484	478	438	464	471	3.3%	3.3%	3.1%	3.3%	3.4%
INNER SUNSET	185	154	168	163	111	1.2%	1.0%	1.1%	1.1%	0.8%
LAKE MERCED	18	14	16	14	21	0.1%	0.0%	0.1%	0.1%	0.1%
MARINA	250	270	265	201	212	1.7%	1.8%	1.8%	1.4%	1.5%
MISSION	993	1,110	1,039	1,071	1,036	6.8%	7.7%	7.3%	7.7%	7.5%
NOB HILL	246	259	263	253	248	1.7%	1.7%	1.8%	1.8%	1.8%
NOE VALLEY	168	249	176	208	196	1.1%	1.7%	1.2%	1.5%	1.4%
NORTH BEACH	274	239	251	206	222	1.9%	1.6%	1.7%	1.4%	1.6%
NORTH MISSION	677	703	648	598	680	4.7%	4.8%	4.5%	4.3%	4.9%
OMI	326	346	394	375	314	2.2%	2.4%	2.7%	2.7%	2.2%
PACIFIC HTS	33	45	33	49	48	0.2%	0.3%	0.2%	0.3%	0.3%
PARK MERCED	73	68	73	56	62	0.5%	0.4%	0.5%	0.4%	0.4%
PORTERO PT	299	295	375	316	355	2.0%	2.0%	2.6%	2.2%	2.5%
PORTOLA	124	131	144	113	113	0.8%	0.9%	1.0%	0.8%	0.8%
PRESIDO/TI	8	19	20	26	24	0.0%	0.1%	0.1%	0.1%	0.1%
RICHMOND	493	512	600	507	498	3.4%	3.5%	4.2%	3.6%	3.6%
SEACLIFF	12	6	10	5	8	0.0%	0.0%	0.0%	0.0%	0.0%
SOUTH-OF-MARKET	720	777	662	802	737	5.0%	5.3%	4.6%	5.8%	5.3%
SUNNYDALE	109	113	98	122	102	0.7%	0.7%	0.6%	0.8%	0.7%
SUNSET/PARKSIDE	480	546	508	562	476	3.3%	3.7%	3.6%	4.0%	3.4%
USF/LAUREL HTS	319	295	326	275	230	2.2%	2.0%	2.3%	1.9%	1.6%
VISITACION VLY	237	176	155	187	166	1.6%	1.2%	1.1%	1.3%	1.2%
W HUNTER'S PT	555	513	494	530	438	3.8%	3.5%	3.5%	3.8%	3.1%
W TWIN PEAKS	115	100	127	91	92	0.7%	0.6%	0.9%	0.6%	0.6%
WESTERN ADDITION	2,236	1,968	1,877	1,733	1,807	15.5%	13.6%	13.3%	12.5%	13.1%
WESTWOOD PK	89	77	76	80	63	0.6%	0.5%	0.5%	0.5%	0.4%
(TOTAL)	14,395	14,412	14,090	13,808	13,713	100%	100%	100%	100%	100%

B. STDs

Primary and secondary syphilis cases diagnosed at City Clinic decreased from 27 cases in 1997 to 11 in 1999. Cases of early and late latent syphilis have also decreased by approximately 50 percent.

The number of cases of chlamydia and the prevalence of chlamydia among patients with new problems has increased each of the past five years. This may reflect use of more sensitive chlamydia tests at City Clinic and increased screening of patients without symptoms during this time, especially among men who have sex with men.

Cases of genital warts, trichomoniasis, and MPC have all decreased at City Clinic over the past five years, while cases of herpes increased between 1998 and 1999.



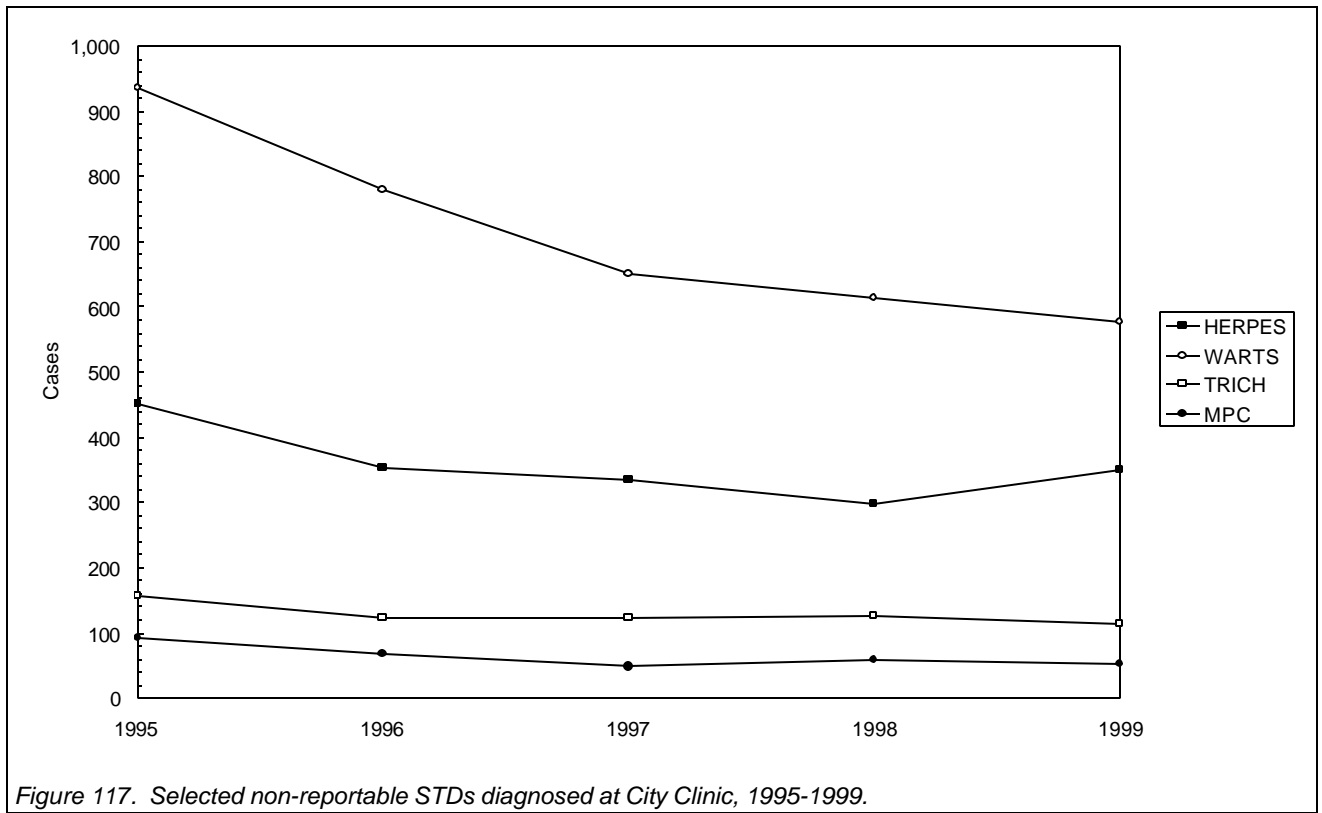


Figure 117. Selected non-reportable STDs diagnosed at City Clinic, 1995-1999.

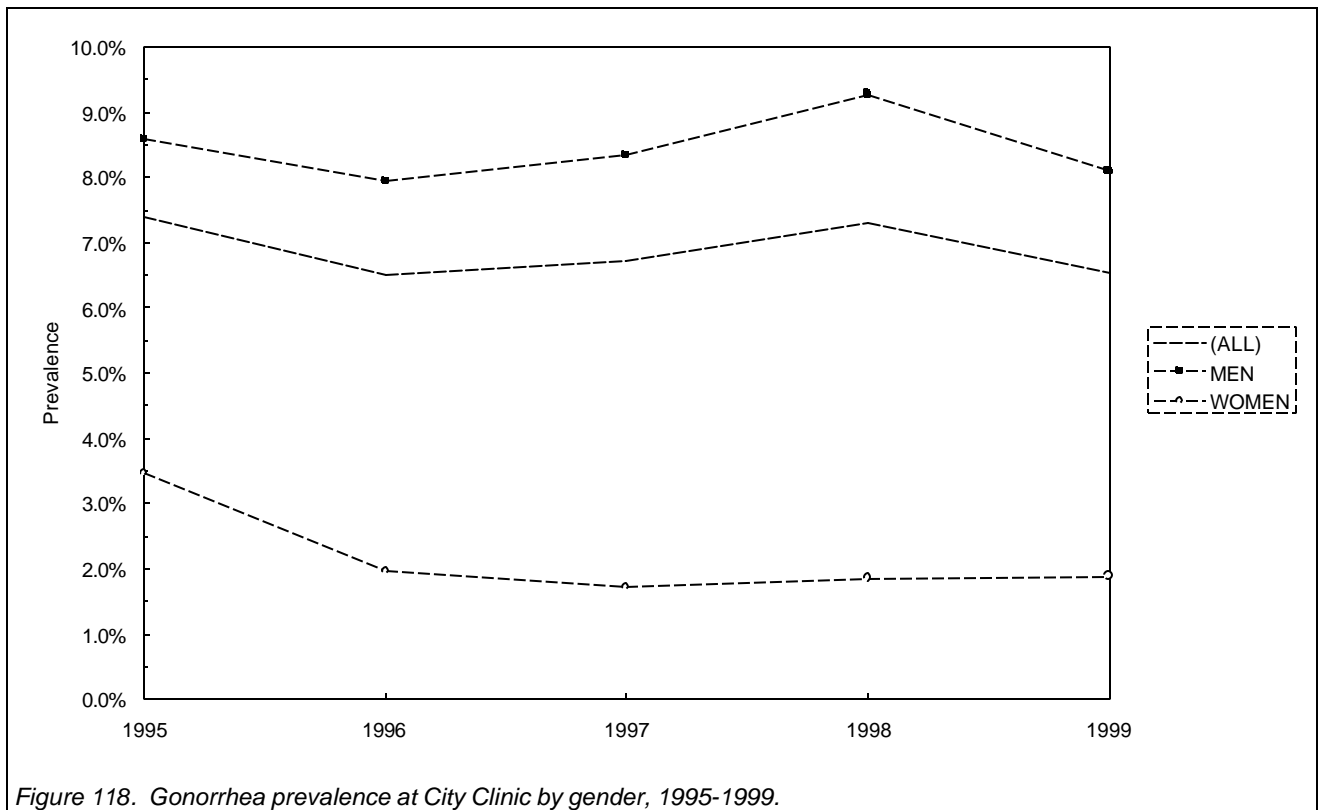


Figure 118. Gonorrhea prevalence at City Clinic by gender, 1995-1999.

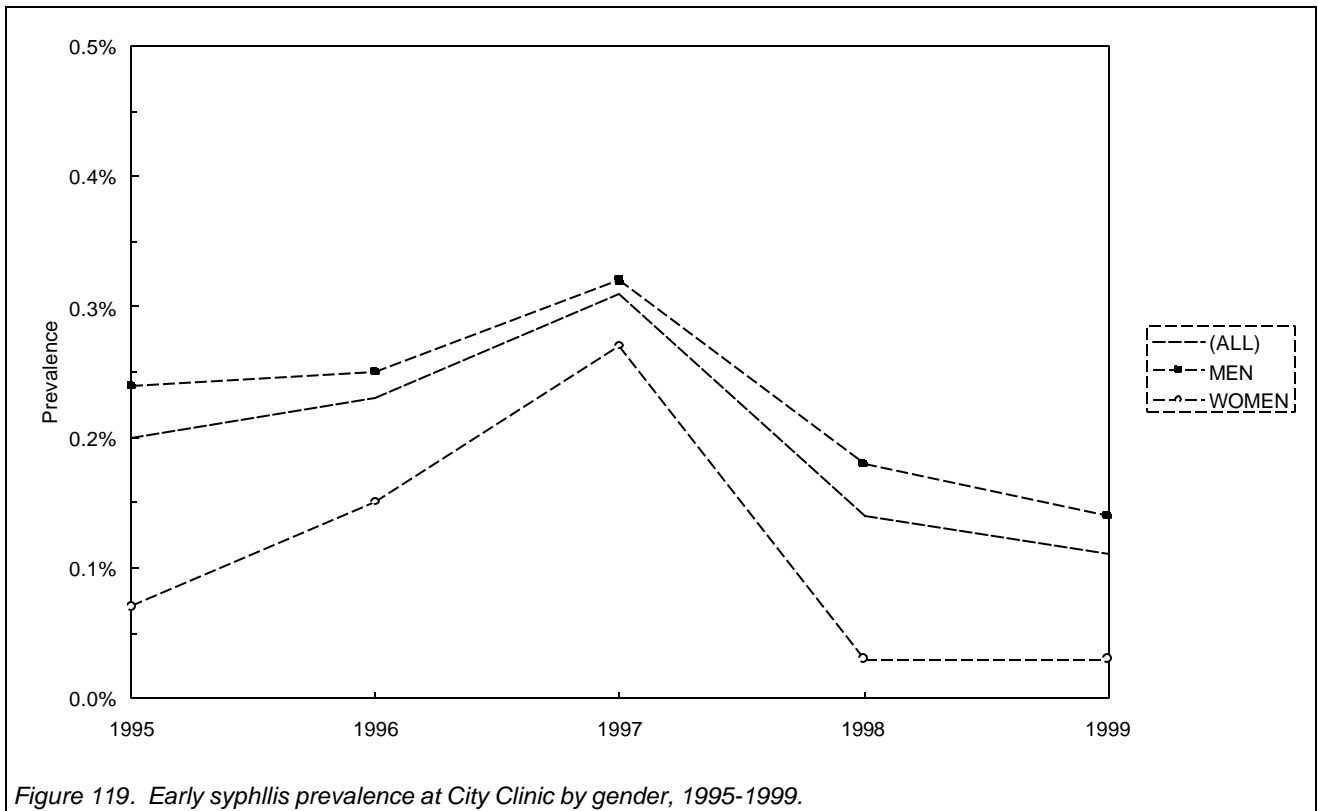


Figure 119. Early syphilis prevalence at City Clinic by gender, 1995-1999.

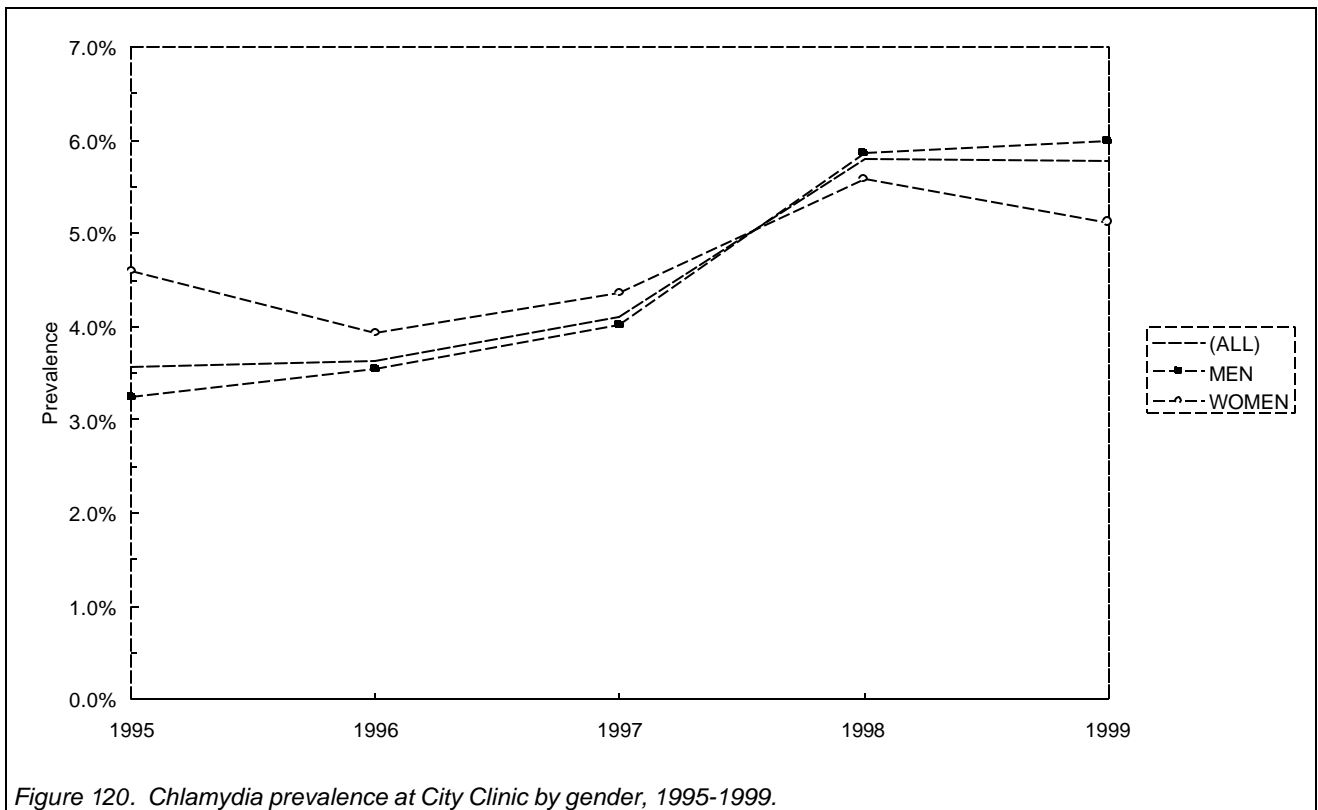


Figure 120. Chlamydia prevalence at City Clinic by gender, 1995-1999.

Table 31. STD cases diagnosed at City Clinic by gender, 1995-1999. Prevalence equals proportion of visits with diagnosis, excluding follow-up visits.

Gender is (BOTH)

Diagnosis is	Reported cases					Prevalence				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CHLAMYDIA	403	393	432	634	677	3.5%	3.6%	4.1%	5.7%	5.7%
GENITAL WARTS	935	780	650	614	576	8.2%	7.2%	6.1%	5.6%	4.9%
GONORRHEA	834	702	707	800	768	7.3%	6.5%	6.7%	7.3%	6.5%
HERPES	451	353	334	298	351	3.9%	3.2%	3.1%	2.7%	2.9%
SYPHILIS (TOTAL)	107	83	79	55	42	0.9%	0.7%	0.7%	0.5%	0.3%
---PRIMARY	8	10	14	6	2	0.0%	0.0%	0.1%	0.0%	0.0%
---SECONDARY	11	8	13	6	9	0.0%	0.0%	0.1%	0.0%	0.0%
---(TOTAL P&S)	19	18	27	12	11	0.1%	0.1%	0.2%	0.1%	0.0%
---EARLY LATENT	4	7	6	4	3	0.0%	0.0%	0.0%	0.0%	0.0%
---(TOTAL EARLY)	23	25	33	16	14	0.2%	0.2%	0.3%	0.1%	0.1%
---UNKNOWN LATENT	10	10	2	3	1	0.0%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	74	48	44	36	27	0.6%	0.4%	0.4%	0.3%	0.2%
TRICHOMONIASIS	158	123	123	127	115	1.4%	1.1%	1.1%	1.1%	0.9%

Gender is MEN

Diagnosis is	Reported cases					Prevalence				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CHLAMYDIA	281	291	319	472	528	3.2%	3.5%	4.0%	5.8%	5.9%
GENITAL WARTS	856	684	559	537	510	9.9%	8.3%	7.0%	6.6%	5.7%
GONORRHEA	742	651	662	746	713	8.5%	7.9%	8.3%	9.2%	8.0%
HERPES	351	269	247	226	269	4.0%	3.2%	3.1%	2.8%	3.0%
NGU	1,081	1,006	981	836	580	12.5%	12.2%	12.3%	10.4%	6.5%
SYPHILIS (TOTAL)	85	64	53	47	39	0.9%	0.7%	0.6%	0.5%	0.4%
---PRIMARY	6	9	11	6	2	0.0%	0.1%	0.1%	0.0%	0.0%
---SECONDARY	11	8	11	6	8	0.1%	0.0%	0.1%	0.0%	0.0%
---(TOTAL P&S)	17	17	22	12	10	0.1%	0.2%	0.2%	0.1%	0.1%
---EARLY LATENT	4	4	4	3	3	0.0%	0.0%	0.0%	0.0%	0.0%
---(TOTAL EARLY)	21	21	26	15	13	0.2%	0.2%	0.3%	0.1%	0.1%
---UNKNOWN LATENT	7	8	1	2	1	0.0%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	57	35	26	30	25	0.6%	0.4%	0.3%	0.3%	0.2%
TRICHOMONIASIS	8	16	10	7	5	0.0%	0.1%	0.1%	0.0%	0.0%

Gender is WOMEN

Diagnosis is	Reported cases					Prevalence				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CHLAMYDIA	122	102	113	162	149	4.6%	3.9%	4.3%	5.5%	5.1%
GENITAL WARTS	79	96	91	77	66	2.9%	3.7%	3.5%	2.6%	2.2%
GONORRHEA	92	51	45	54	55	3.4%	1.9%	1.7%	1.8%	1.8%
HERPES	100	84	87	72	82	3.7%	3.2%	3.3%	2.4%	2.8%
MPC	92	68	48	59	52	3.4%	2.6%	1.8%	2.0%	1.7%
PID (ALL)	59	46	34	52	52	2.2%	1.7%	1.3%	1.7%	1.7%
---CLINICAL PID	32	32	25	39	46	1.2%	1.2%	0.9%	1.3%	1.5%
---SUSPECT PID	27	14	8	9	3	1.0%	0.5%	0.3%	0.3%	0.1%
SYPHILIS (TOTAL)	22	19	26	8	3	0.8%	0.7%	1.0%	0.2%	0.1%
---PRIMARY	2	1	3	0	0	0.0%	0.0%	0.1%	0.0%	0.0%
---SECONDARY	0	0	2	0	1	0.0%	0.0%	0.0%	0.0%	0.0%
---(TOTAL P&S)	2	1	5	0	1	0.0%	0.0%	0.1%	0.0%	0.0%
---EARLY LATENT	0	3	2	1	0	0.0%	0.1%	0.0%	0.0%	0.0%
---(TOTAL EARLY)	2	4	7	1	1	0.0%	0.1%	0.2%	0.0%	0.0%
---UNKNOWN LATENT	3	2	1	1	0	0.1%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	17	13	18	6	2	0.6%	0.5%	0.6%	0.2%	0.0%
TRICHOMONIASIS	150	107	113	120	110	5.6%	4.1%	4.3%	4.1%	3.7%

Table 32. STD cases diagnosed at City Clinic by gender and sexual orientation for 1999. Percentages equal proportion of visits with diagnosis, excluding follow-up visits.

Diagnosis is	Gender and orientation is									
	(ALL)		GAY/BI MEN		OTHER MEN		TRANSGENDER		WOMEN	
	SUM		SUM		SUM		SUM		SUM	
	cases	percent	cases	percent	cases	percent	cases	percent	cases	percent
CHLAMYDIA	677	5.7%	165	5.3%	363	6.3%	0	0.0%	149	5.1%
GENITAL WARTS	576	4.9%	174	5.6%	333	5.8%	3	6.3%	66	2.2%
GONORRHEA	768	6.5%	408	13.3%	300	5.2%	5	10.6%	55	1.8%
HERPES	351	2.9%	72	2.3%	192	3.3%	5	10.6%	82	2.8%
MPC	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	52	1.7%
NGU	(N/A)	(N/A)	226	7.3%	354	6.2%	(N/A)	(N/A)	(N/A)	(N/A)
PID (ALL)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	52	1.7%
---CLINICAL PID	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	46	1.5%
---SUSPECT PID	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	3	0.1%
SYPHILIS (TOTAL)	42	0.3%	12	0.3%	24	0.4%	3	6.3%	3	0.1%
---PRIMARY	2	0.0%	1	0.0%	1	0.0%	0	0.0%	0	0.0%
---SECONDARY	9	0.0%	6	0.1%	2	0.0%	0	0.0%	1	0.0%
---(TOTAL P&S)	11	0.0%	7	0.2%	3	0.0%	0	0.0%	1	0.0%
---EARLY LATENT	3	0.0%	0	0.0%	2	0.0%	1	2.1%	0	0.0%
---(TOTAL EARLY)	14	0.1%	7	0.2%	5	0.0%	1	2.1%	1	0.0%
---UNKNOWN LATENT	1	0.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%
---LATE LATENT	27	0.2%	4	0.1%	19	0.3%	2	4.2%	2	0.0%
TRICHOMONIASIS	115	0.9%	0	0.0%	5	0.0%	0	0.0%	110	3.7%

C. HIV Testing

Voluntary, confidential same-day HIV testing is available to City Clinic patients at no additional cost. While patients at risk for HIV infection are encouraged to be tested, we respect the decision of patients who do not wish to know their HIV status.

In addition, a "blinded" survey of blood specimens drawn for syphilis testing has been conducted at City Clinic each summer: left-over blood from syphilis screening was tested for HIV after all patient identifiers were eliminated. Data from the blinded survey give a more accurate estimate of the overall prevalence of HIV infection since many HIV-positive clients are already aware of their infection. For this reason, differences between blinded and voluntary testing data cannot be used to make inferences about prevalence of undetected HIV infection.

The prevalence of HIV among patients testing voluntarily decreased from 2.5 percent in 1995 to 2.0 percent in 1998, and stayed at 2.0 percent in 1999. In the blinded surveys, however, the prevalence decreased from 8.9 percent in 1995 to 7.1 percent in 1998, and then increased to 9.4 percent in 1999. This increase was seen for both male and female patients, and across all risk categories.

There was a marked decrease in the number of patients indicating injection drug use in the voluntary testing data between 1997 and 1998. This corresponds to the adoption of a new form to record demographics and behavioral data for patients testing for HIV. It is possible that the apparent decrease in drug use may be due to differences in the way this information was asked and recorded on the form.

The blinded HIV surveys at City Clinic ended with the 1999 survey. For this reason, this is the last year that these data will be included in this report.

Among persons testing through the voluntary system, 67 percent of persons with a positive HIV test returned for their results. Males were more likely to return for their positive test results, with men who have sex with men having the highest return rate (81 percent).

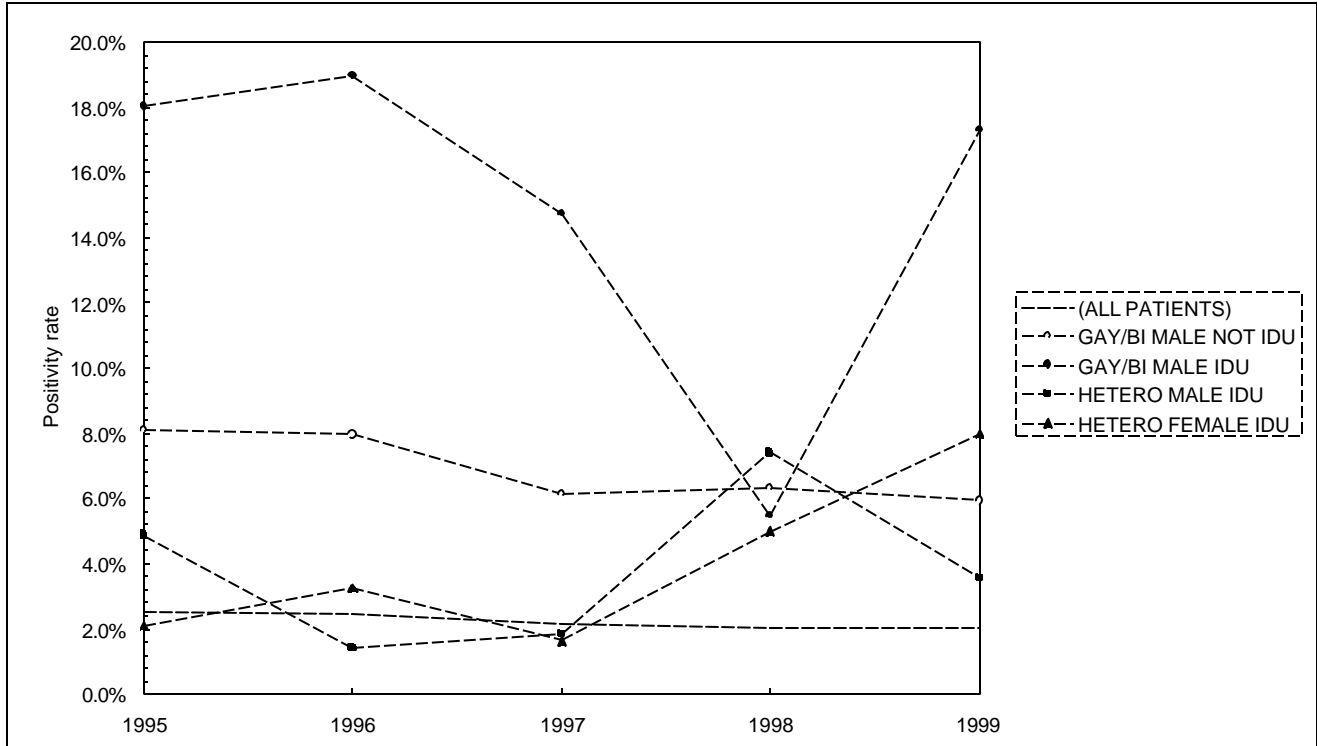
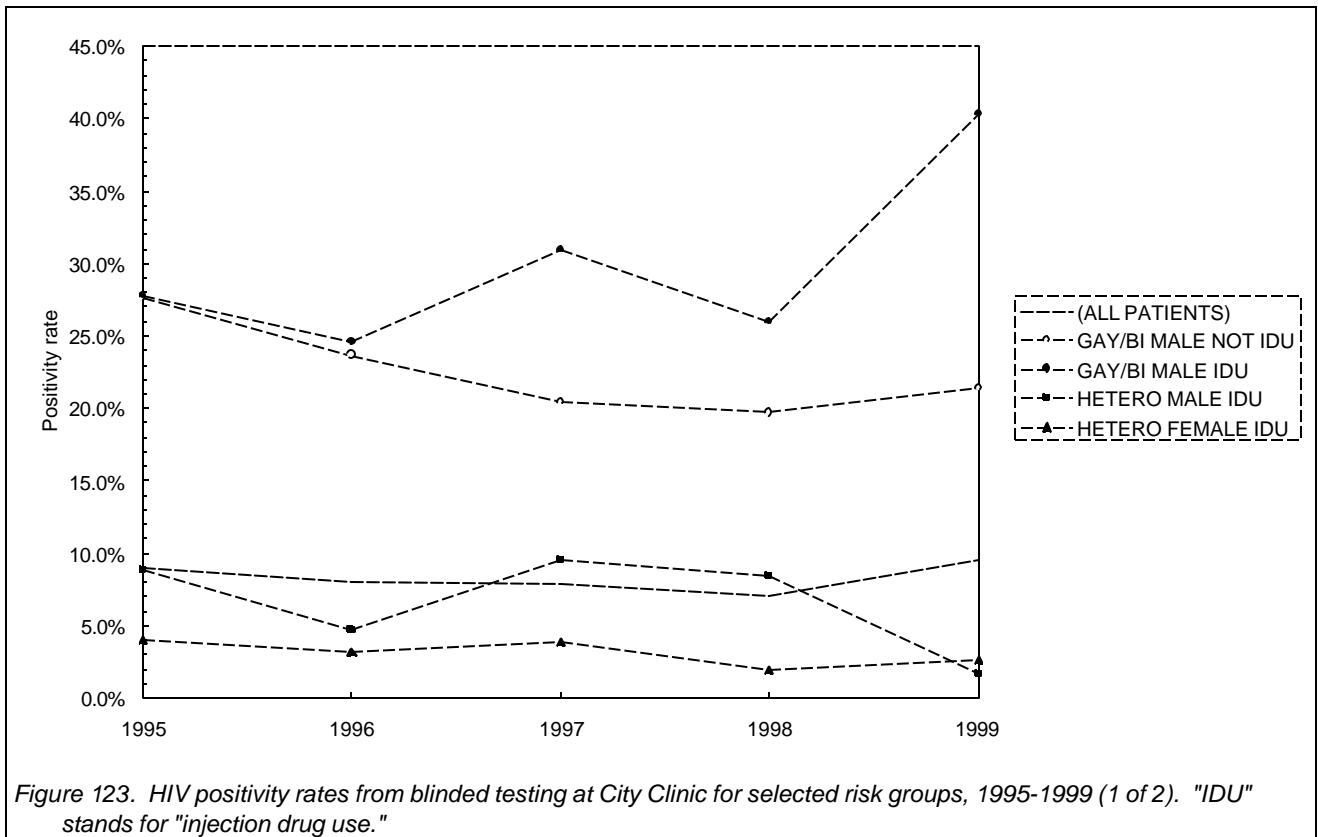
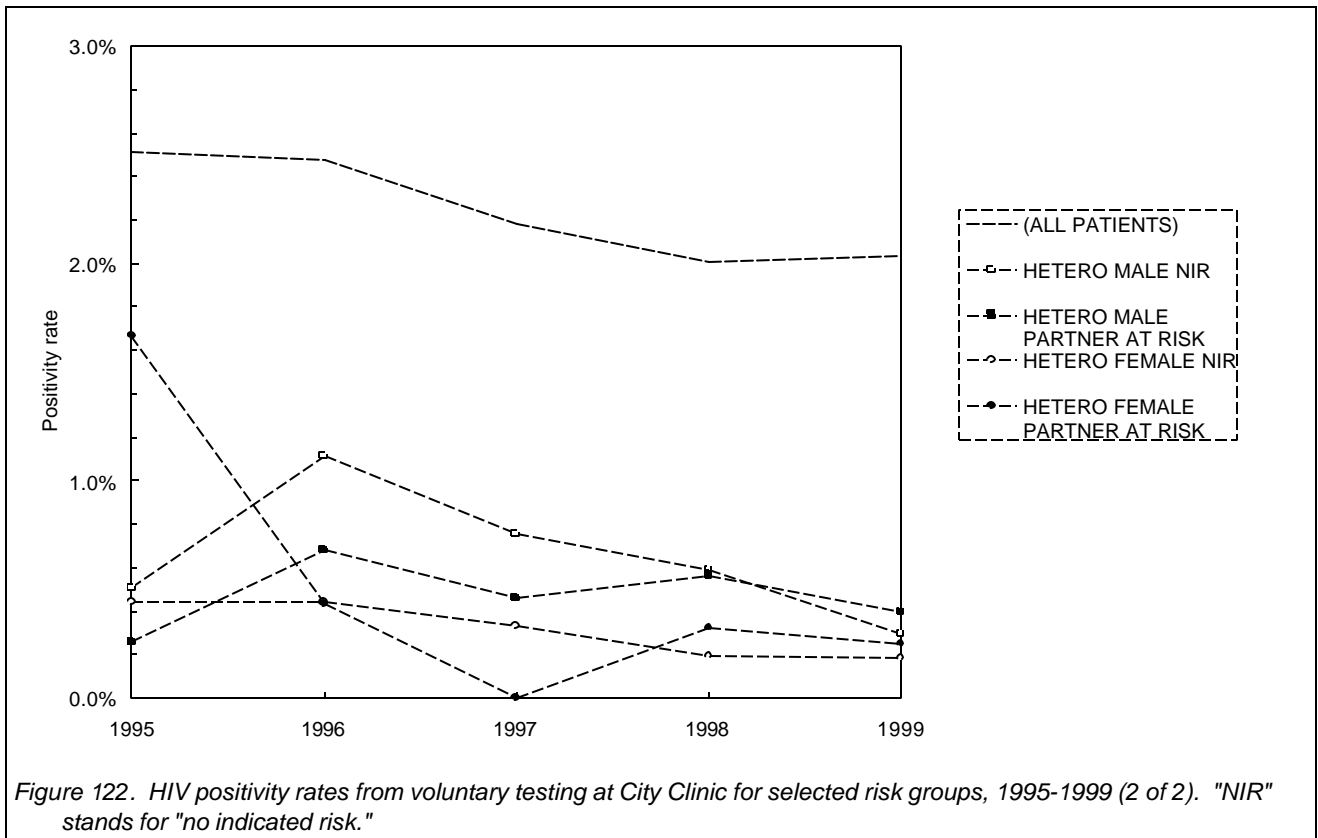
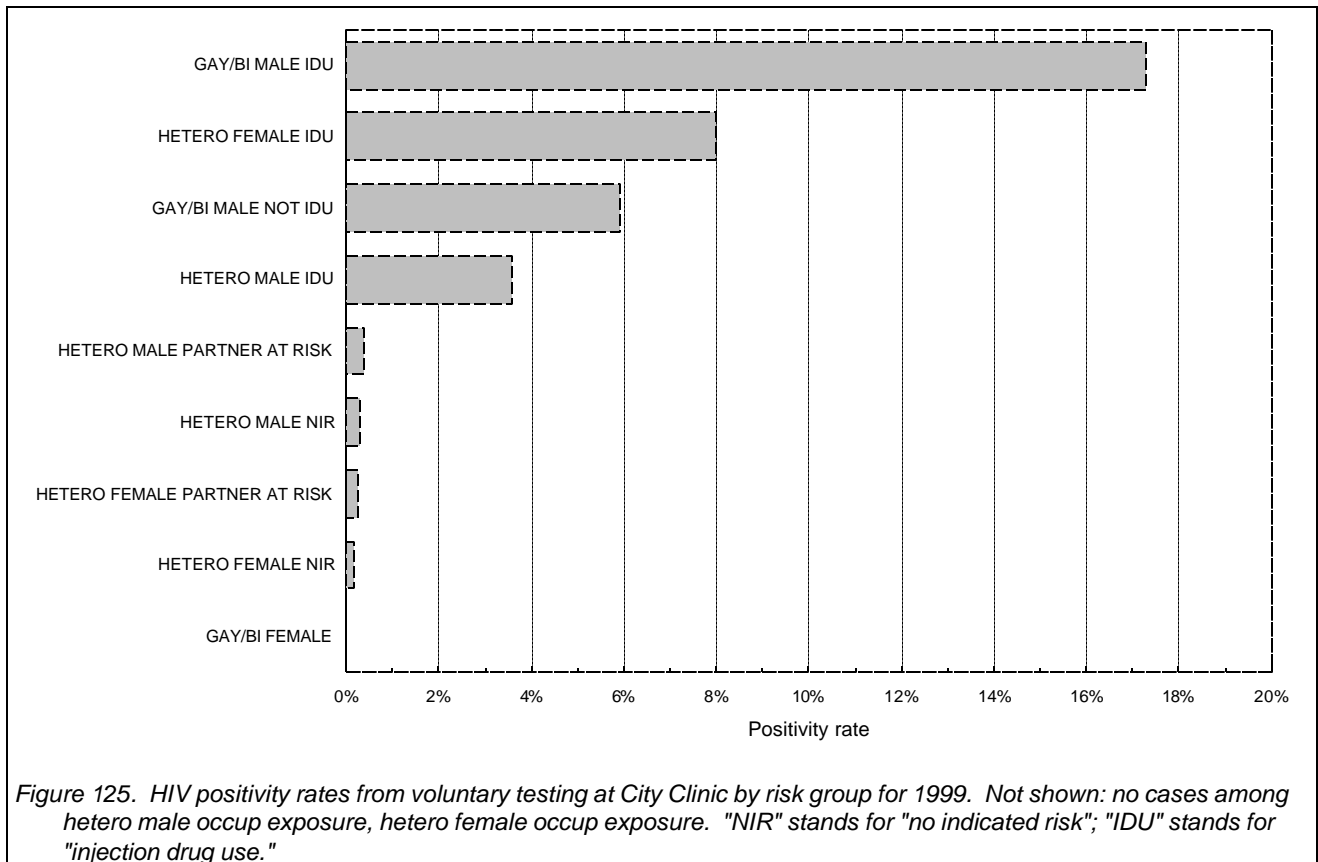
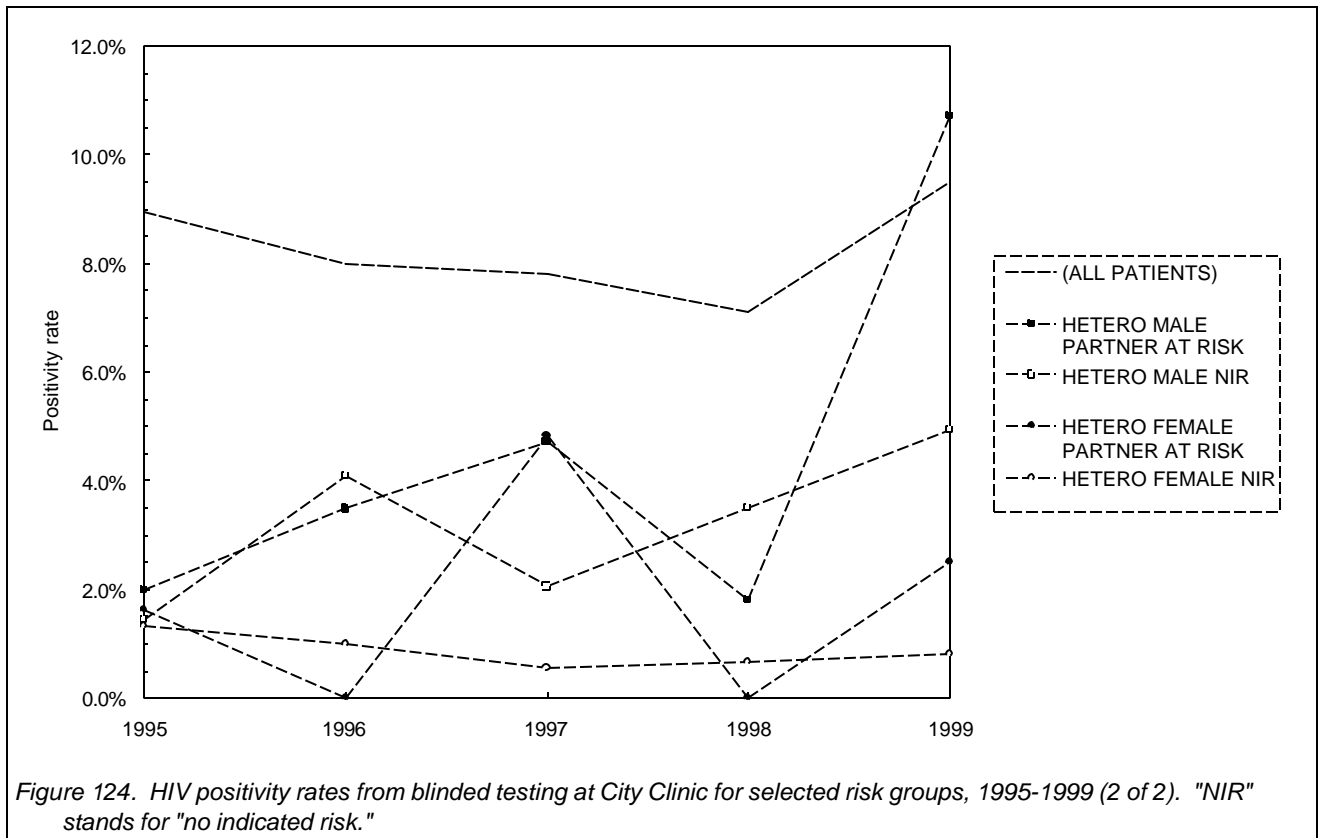


Figure 121. HIV positivity rates from voluntary testing at City Clinic for selected risk groups, 1995-1999 (1 of 2). "IDU" stands for "injection drug use."





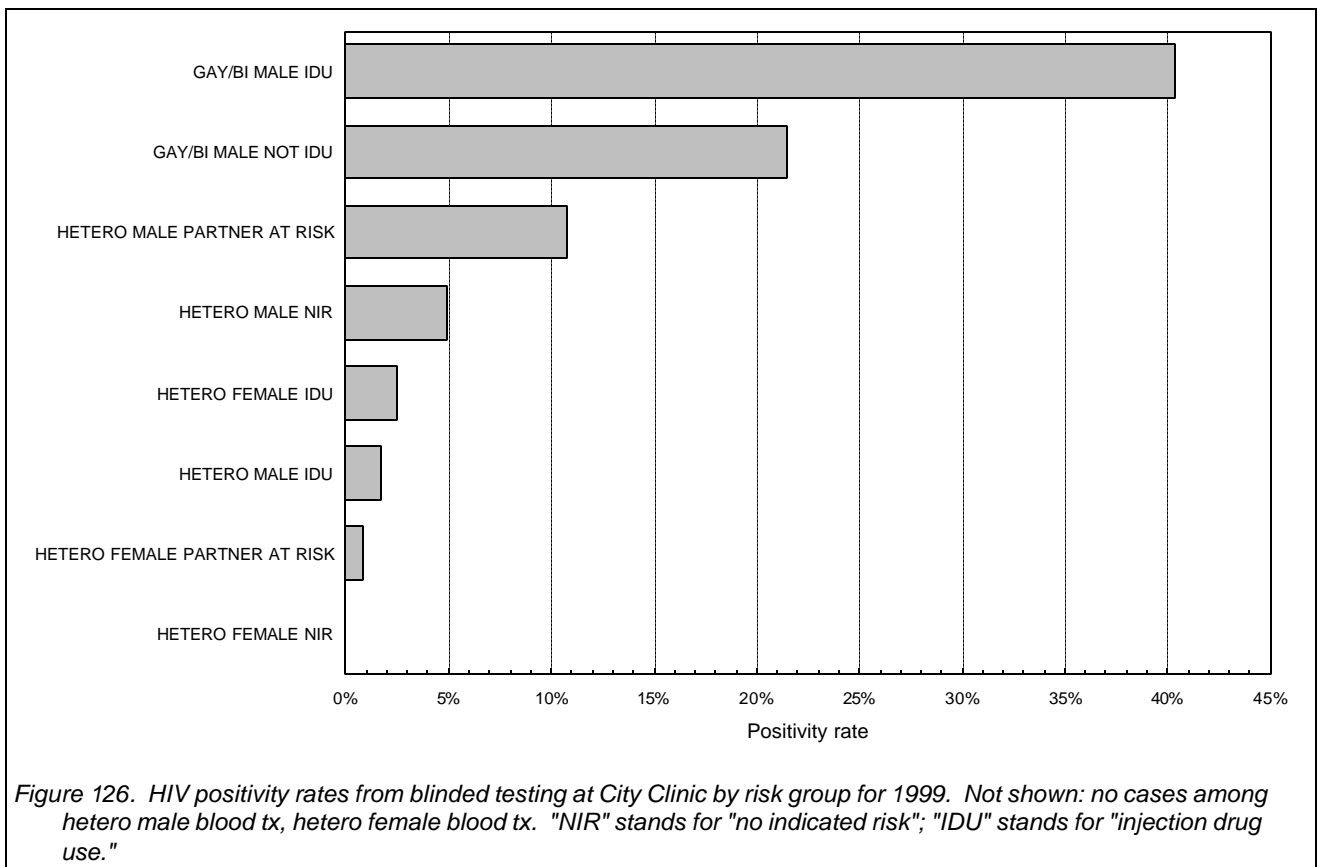


Table 33. Blinded HIV testing at City Clinic, 1995-1999.

		Positives					Percent positive				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender	Risk group										
(ALL)	(ALL)	392	324	313	282	412	8.9%	7.9%	7.8%	7.1%	9.4%
MALE	(ALL)	379	314	303	275	403	10.9%	10.0%	9.9%	9.3%	11.8%
	GAY/BI MALE	229	208	225	191	278	27.6%	23.6%	20.4%	19.6%	21.4%
	HETERO IVDU	12	5	10	6	1	8.8%	4.7%	9.5%	8.4%	1.7%
	GAY/BI IVDU	25	17	30	14	23	27.7%	24.6%	30.9%	25.9%	40.3%
	PRTNR AT RISK	2	3	4	1	6	1.9%	3.4%	4.7%	1.8%	10.7%
	HETERO/NIR	27	81	34	63	95	1.4%	4.1%	2.0%	3.5%	4.9%
	(MISSING)	84	0	0	0	0	19.3%	0	0	0	0
FEMALE	(ALL)	13	10	10	7	9	1.4%	1.0%	1.0%	0.6%	0.9%
	HETERO IVDU	3	2	3	1	1	4.0%	3.1%	3.8%	1.9%	2.6%
	PRTNR AT RISK	1	0	3	0	1	1.6%	0.0%	4.8%	0.0%	2.5%
	HETERO/NIR	9	8	4	6	7	1.3%	0.9%	0.5%	0.6%	0.8%
	(MISSING)	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Age group											
15-19 YRS		4	2	0	0	0	1.5%	0.8%	0.0%	0.0%	0.0%
20-24 YRS		20	13	10	9	10	2.2%	1.6%	1.3%	1.2%	1.4%
25-29 YRS		63	61	48	39	37	5.5%	5.9%	4.8%	4.0%	3.7%
30-34 YRS		117	83	64	73	83	14.8%	10.7%	8.5%	9.5%	9.7%
35-39 YRS		84	86	86	73	116	15.3%	15.4%	16.0%	12.9%	17.7%
40-44 YRS		54	45	55	46	74	15.1%	13.8%	14.7%	12.3%	16.8%
45+ YRS		42	34	50	41	92	11.7%	9.3%	11.5%	10.7%	16.9%
Ethnicity											
WHITE		204	184	176	144	244	11.5%	9.8%	9.6%	7.8%	12.1%
BLACK		89	63	68	72	81	7.4%	6.7%	7.6%	7.8%	8.5%
LATINO		73	47	47	51	72	8.1%	6.1%	6.2%	6.6%	7.5%
ASIAN/PI		10	11	9	8	11	3.1%	3.3%	2.2%	2.2%	2.9%
NATIVE AM		1	8	4	4	1	4.0%	18.6%	10.5%	16.6%	4.5%

Table 34. Voluntary HIV test results for STD Control Program, 1995-1999.

		Patients tested					Seropositive				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender	Risk group										
(ALL)	(ALL)	5,046	4,235	4,083	3,691	4,366	127	105	89	74	89
FEMALE	(ALL)	1,281	1,112	1,072	954	1,091	15	6	6	4	4
	GAY/BI	211	146	172	98	131	5	0	3	0	0
	IDU	95	61	61	40	25	2	2	1	2	2
	PRTNR AT RISK	300	231	243	310	401	5	1	0	1	1
	NIR	675	674	596	506	534	3	3	2	1	1
MALE	(ALL)	3,650	3,073	2,966	2,675	3,229	107	97	78	70	84
	GAY/BI	837	742	797	835	1,113	68	59	49	53	66
	GAY/BI IDU	111	79	95	55	52	20	15	14	3	9
	IDU	164	141	109	54	56	8	2	2	4	2
	PRTNR AT RISK	768	584	647	882	1,001	2	4	3	5	4
	NIR	1,770	1,527	1,318	849	1,007	9	17	10	5	3
Age group											
15-19 YEARS		327	254	235	196	198	4	1	2	0	2
20-24 YEARS		1,056	863	899	745	839	15	8	9	10	7
25-29 YEARS		1,340	1,195	1,086	1,023	1,138	19	27	23	13	21
30-34 YEARS		893	766	775	642	831	41	30	23	17	26
35-39 YEARS		556	490	450	428	563	21	18	18	19	15
40-44 YEARS		364	297	304	291	326	9	11	10	9	8
45-54 YEARS		340	260	247	225	308	13	9	4	5	9
55-64 YEARS		81	61	52	44	71	4	0	0	0	0
65+ YEARS		30	28	18	10	20	0	1	0	1	0
Ethnicity											
ASIAN/PI		394	368	372	349	398	5	9	4	5	6
BLACK		1,194	895	821	646	715	34	20	17	16	22
HISPANIC/LATINO		682	343	291	672	833	18	10	6	15	21
WHITE		2,181	1,960	1,891	1,795	2,189	62	55	48	36	35
		Seropositive					Post-test counseled				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Gender	Risk group										
(ALL)	(ALL)	2.5%	2.4%	2.1%	2.0%	2.0%	65.2%	71.5%	73.9%	69.4%	67.3%
FEMALE	(ALL)	1.1%	0.5%	0.5%	0.4%	0.3%	62.2%	63.6%	66.9%	62.8%	58.9%
	GAY/BI	2.3%	0.0%	1.7%	0.0%	0.0%	68.7%	71.2%	70.3%	75.5%	61.0%
	IDU	2.1%	3.2%	1.6%	5.0%	8.0%	64.2%	60.6%	63.9%	52.5%	52.0%
	PRTNR AT RISK	1.6%	0.4%	0.0%	0.3%	0.2%	54.6%	60.1%	60.9%	58.3%	62.0%
	NIR	0.4%	0.4%	0.3%	0.1%	0.1%	63.2%	63.5%	68.7%	64.0%	56.3%
MALE	(ALL)	2.9%	3.1%	2.6%	2.6%	2.6%	66.6%	74.3%	76.3%	73.2%	70.8%
	GAY/BI	8.1%	7.9%	6.1%	6.3%	5.9%	73.1%	82.8%	85.9%	82.3%	81.1%
	GAY/BI IDU	18.0%	18.9%	14.7%	5.4%	17.3%	65.7%	74.6%	84.2%	76.3%	73.0%
	IDU	4.8%	1.4%	1.8%	7.4%	3.5%	64.0%	70.2%	72.4%	79.6%	64.2%
	PRTNR AT RISK	0.2%	0.6%	0.4%	0.5%	0.3%	66.6%	69.5%	72.0%	64.9%	64.8%
	NIR	0.5%	1.1%	0.7%	0.5%	0.2%	63.8%	72.3%	72.3%	72.2%	65.8%
Age group											
15-19 YEARS		1.2%	0.3%	0.8%	0.0%	1.0%	46.1%	50.3%	45.5%	42.3%	43.9%
20-24 YEARS		1.4%	0.9%	1.0%	1.3%	0.8%	60.0%	68.0%	71.9%	65.2%	59.5%
25-29 YEARS		1.4%	2.2%	2.1%	1.2%	1.8%	66.4%	72.6%	75.5%	71.6%	70.0%
30-34 YEARS		4.5%	3.9%	2.9%	2.6%	3.1%	66.9%	76.8%	76.6%	73.5%	71.2%
35-39 YEARS		3.7%	3.6%	4.0%	4.4%	2.6%	69.2%	74.2%	77.3%	77.8%	74.7%
40-44 YEARS		2.4%	3.7%	3.2%	3.0%	2.4%	73.6%	72.3%	77.6%	73.8%	69.0%
45-54 YEARS		3.8%	3.4%	1.6%	2.2%	2.9%	72.0%	74.2%	78.1%	75.1%	72.7%
55-64 YEARS		4.9%	0.0%	0.0%	0.0%	0.0%	80.2%	81.9%	88.4%	88.6%	77.4%
65+ YEARS		0.0%	3.5%	0.0%	10.0%	0.0%	86.6%	85.7%	88.8%	90.0%	85.0%
Ethnicity											
ASIAN/PI		1.2%	2.4%	1.0%	1.4%	1.5%	66.2%	72.2%	74.7%	71.9%	69.5%
BLACK		2.8%	2.2%	2.0%	2.4%	3.0%	52.0%	50.3%	57.7%	52.1%	48.3%
HISPANIC/LATINO		2.6%	2.9%	2.0%	2.2%	2.5%	61.7%	71.7%	72.1%	67.5%	65.0%
WHITE		2.8%	2.8%	2.5%	2.0%	1.5%	73.1%	80.7%	82.0%	77.7%	75.1%

Appendix I. Demographic Breakdowns of STD Morbidity

Table 35. Major STD cases and rates by all demographic combinations, 1995-1999.

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of GONORRHEA	(BOTH)	(ALL)	(ALL)	1,634	1,448	1,495	1,844	1,608	225.7	200.0	206.5	254.7	222.1
CHLAMYDIA	(BOTH)	(ALL)	(ALL)	1,747	1,890	2,244	2,602	2,723	241.3	261.1	310.0	359.4	376.1
EARLY SYPHILIS	(BOTH)	(ALL)	(ALL)	43	42	73	40	44	5.9	5.8	10.1	5.5	6.1
Breakdown by AGE													
Cases of GONORRHEA	(BOTH)	(ALL)	15-19 YRS	241	192	133	185	189	681.5	543.0	376.1	523.2	534.5
			20-24 YRS	280	231	218	255	280	473.7	390.8	368.8	431.5	473.7
			25-29 YRS	353	280	311	363	283	435.0	345.1	383.3	447.4	348.8
			30-34 YRS	317	292	324	365	303	409.6	377.3	418.7	471.6	391.5
			35-39 YRS	195	192	256	318	237	278.3	274.0	365.4	453.8	338.2
			40-44 YRS	125	120	114	184	137	209.1	200.7	190.7	307.8	229.2
			45-54 YRS	70	97	102	106	128	93.5	129.6	136.2	141.6	171.0
			55-64 YRS	14	14	16	20	19	22.0	22.0	25.2	31.5	29.9
			65+ YRS	5	*	*	8	5	4.7	*	*	7.6	*
CHLAMYDIA	(BOTH)	(ALL)	15-19 YRS	566	564	599	689	667	1600.6	1594.9	1693.9	1948.4	1886.2
			20-24 YRS	525	582	646	677	716	888.3	984.7	1093.0	1145.5	1211.4
			25-29 YRS	320	354	458	552	570	394.4	436.3	564.4	680.3	702.5
			30-34 YRS	143	160	245	271	286	184.8	206.7	316.6	350.2	369.6
			35-39 YRS	78	65	104	170	212	111.3	92.8	148.4	242.6	302.6
			40-44 YRS	34	39	53	104	105	56.9	65.2	88.7	174.0	175.6
			45-54 YRS	14	30	35	51	84	18.7	40.1	46.8	68.1	112.2
			55-64 YRS	*	*	9	5	11	*	*	14.2	7.9	17.3
			65+ YRS	*	*	11	6	*	*	*	10.4	5.7	*
EARLY SYPHILIS	(BOTH)	(ALL)	15-19 YRS	0	*	*	*	0	0.0	*	*	*	0.0
			20-24 YRS	5	*	*	*	*	8.5	*	*	*	*
			25-29 YRS	6	8	16	5	*	7.4	9.9	19.7	6.2	*
			30-34 YRS	15	13	15	5	6	19.4	16.8	19.4	6.5	7.8
			35-39 YRS	11	7	16	12	12	15.7	10.0	22.8	17.1	17.1
			40-44 YRS	*	*	8	*	10	*	*	13.4	*	16.7
			45-54 YRS	*	6	9	8	7	*	8.0	12.0	10.7	9.4
			55-64 YRS	0	*	*	*	*	0.0	*	*	*	*
			65+ YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
Breakdown by RACE													
Cases of GONORRHEA	(BOTH)	ASIAN/PI	(ALL)	41	40	52	58	63	19.9	19.4	25.3	28.2	30.6
		BLACK	(ALL)	736	493	481	601	563	964.1	645.8	630.1	787.2	737.5
		HISPANIC	(ALL)	155	122	132	182	191	153.9	121.1	131.1	180.7	189.6
		NATV AMER	(ALL)	5	12	13	12	5	189.8	455.4	493.4	455.4	189.8
CHLAMYDIA	(BOTH)	WHITE	(ALL)	499	532	559	685	539	148.0	157.8	165.8	203.2	159.9
		ASIAN/PI	(ALL)	222	245	283	283	294	107.9	119.1	137.6	137.6	142.9
		BLACK	(ALL)	550	595	754	907	838	720.4	779.4	987.6	1188.1	1097.7
		HISPANIC	(ALL)	303	290	365	421	439	300.8	287.9	362.4	418.0	435.9
		NATV AMER	(ALL)	5	14	5	*	11	189.8	531.3	189.8	*	417.5
EARLY SYPHILIS	(BOTH)	WHITE	(ALL)	241	224	290	450	473	71.5	66.4	86.0	133.5	140.3
		ASIAN/PI	(ALL)	*	*	*	*	*	*	*	*	*	*
		BLACK	(ALL)	11	10	23	12	9	14.4	13.1	30.1	15.7	11.8
		HISPANIC	(ALL)	13	9	20	8	7	12.9	8.9	19.9	7.9	7.0
		NATV AMER	(ALL)	0	*	*	*	0	0.0	*	*	*	0.0
		WHITE	(ALL)	15	14	19	11	18	4.4	4.2	5.6	3.3	5.3
Breakdown by RACE AND AGE													
Cases of GONORRHEA	(BOTH)	ASIAN/PI	15-19 YRS	*	*	*	*	7	*	*	*	*	48.3
			20-24 YRS	*	11	10	12	14	*	65.1	59.2	71.1	82.9
			25-29 YRS	12	10	16	17	12	62.1	51.7	82.8	88.0	62.1
			30-34 YRS	17	9	10	10	12	92.3	48.9	54.3	54.3	65.1
			35-39 YRS	*	*	7	12	7	*	*	40.8	69.9	40.8
			40-44 YRS	*	0	*	*	*	*	0.0	*	*	*
			45-54 YRS	*	*	*	*	*	*	*	*	*	*
			55-64 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*
			65+ YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*
		BLACK	15-19 YRS	170	120	89	120	123	3339.9	2357.6	1748.5	2357.6	2416.5
			20-24 YRS	163	103	86	108	126	2852.1	1802.3	1504.8	1889.8	2204.7
			25-29 YRS	145	71	90	104	82	2143.7	1049.7	1330.6	1537.6	1212.3
			30-34 YRS	84	61	54	78	70	1175.3	853.5	755.6	1091.4	979.4
			35-39 YRS	74	53	62	65	48	1120.7	802.7	939.0	984.4	726.9
			40-44 YRS	41	38	48	61	46	754.4	699.2	883.2	1122.4	846.4
			45-54 YRS	28	27	37	41	43	367.9	354.8	486.2	538.8	565.0
			55-64 YRS	8	6	5	8	10	123.8	92.9	77.4	123.8	154.8
			65+ YRS	*	*	0	*	*	*	*	0.0	*	*
		HISPANIC	15-19 YRS	20	16	6	18	19	272.4	217.9	81.7	245.1	258.7
			20-24 YRS	29	26	26	28	43	276.1	247.5	247.5	266.5	409.3
			25-29 YRS	33	31	37	45	53	279.3	262.4	313.2	380.9	448.6
			30-34 YRS	38	25	36	39	31	355.4	233.8	336.7	364.7	289.9
			35-39 YRS	16	14	18	27	22	188.1	164.6	211.6	317.4	258.6
			40-44 YRS	13	5	5	17	13	202.3	77.8	77.8	264.6	202.3
			45-54 YRS	*	5	*	*	6	*	56.5	*	*	67.8
			55-64 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		NATV AMER	15-19 YRS	0	*	*	*	0	0.0	*	*	*	0.0
			20-24 YRS	*	*	5	0	*	*	*	1824.8	0.0	*
			25-29 YRS	*	*	*	*	*	*	*	*	*	*
			30-34 YRS	*	*	*	*	*	*	*	*	*	*
			35-39 YRS	0	*	*	*	*	0.0	*	*	*	*
			40-44 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0
			45-54 YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0

* less than five cases; exact figure suppressed for confidentiality.

(Table 35, cont.)

			Reported cases					Incidence rate								
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999				
GONORRHEA	(BOTH)	WHITE	15-19 YRS	22	14	16	19	14	267.6	170.3	194.6	231.1	170.3			
			20-24 YRS	52	60	56	68	60	203.2	234.5	218.9	265.8	234.5			
			25-29 YRS	118	122	114	143	92	276.3	285.6	266.9	334.8	215.4			
			30-34 YRS	141	145	166	172	130	346.8	356.7	408.3	423.1	319.8			
			35-39 YRS	81	86	126	162	123	216.6	230.0	336.9	433.2	328.9			
			40-44 YRS	48	56	38	70	58	149.0	173.8	117.9	217.2	180.0			
			45-54 YRS	29	42	34	42	54	77.3	112.0	90.7	112.0	144.0			
			55-64 YRS	5	*	5	*	7	18.0	*	18.0	*	25.3			
			65+ YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0			
			CHLAMYDIA	(BOTH)	ASIAN/PI	15-19 YRS	57	63	73	76	61	393.1	434.5	503.4	524.1	420.7
						20-24 YRS	59	74	81	67	86	349.4	438.2	479.7	396.8	509.3
						25-29 YRS	51	50	55	61	64	263.9	258.7	284.6	315.6	331.1
						30-34 YRS	28	27	41	36	27	152.0	146.6	222.6	195.4	146.6
						35-39 YRS	14	9	13	22	25	81.6	52.5	75.8	128.2	145.7
						40-44 YRS	6	12	11	10	9	39.1	78.3	71.7	65.2	58.7
45-54 YRS	*	5				*	5	15	*	24.4	*	24.4	73.2			
55-64 YRS	*	0				0	0	0	*	*	0.0	0.0	*			
65+ YRS	0	0				*	*	0	0.0	0.0	*	*	0.0			
		BLACK				15-19 YRS	225	241	271	349	302	4420.4	4734.8	5324.2	6856.6	5933.2
						20-24 YRS	158	178	211	232	235	2764.7	3114.6	3692.0	4059.5	4112.0
						25-29 YRS	83	93	126	161	137	1227.1	1374.9	1862.8	2380.2	2025.4
						30-34 YRS	29	29	65	59	57	405.8	405.8	909.5	825.5	797.5
						35-39 YRS	20	14	23	34	33	302.9	212.0	348.3	514.9	499.8
						40-44 YRS	8	*	9	30	26	147.2	*	165.6	552.0	478.4
			45-54 YRS	*	*	9	12	18	*	*	118.3	157.7	236.5			
			55-64 YRS	0	0	*	*	*	0.0	0.0	*	*	*			
			65+ YRS	0	0	*	*	0	0.0	0.0	*	*	0.0			
					HISPANIC	15-19 YRS	94	72	89	100	99	1280.1	980.5	1212.0	1361.8	1348.2
						20-24 YRS	114	109	112	137	135	1085.2	1037.6	1066.2	1304.1	1285.1
						25-29 YRS	52	73	93	91	104	440.2	617.9	787.2	770.3	880.3
						30-34 YRS	22	24	35	42	52	205.7	224.4	327.3	392.8	486.3
						35-39 YRS	9	*	13	20	19	105.8	*	152.8	235.1	223.3
						40-44 YRS	5	*	5	18	11	77.8	*	77.8	280.2	171.2
45-54 YRS	0	*				*	*	6	0.0	*	*	*	67.8			
55-64 YRS	0	0				*	0	*	0.0	0.0	*	0.0	*			
65+ YRS	0	0				0	0	0	0.0	0.0	0.0	0.0	0.0			
		NATV AMER				15-19 YRS	*	5	0	0	*	0.0	3759.4	0.0	0.0	0.0
						20-24 YRS	*	*	*	0	*	*	*	*	0.0	*
						25-29 YRS	*	*	0	0	5	*	*	0.0	0.0	1385.0
						30-34 YRS	0	*	0	0	*	0.0	*	0.0	0.0	*
						35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	0	0	0	0.0	*	0.0	0.0	0.0			
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
					WHITE	15-19 YRS	59	38	50	55	58	717.6	462.2	608.1	668.9	705.4
						20-24 YRS	67	68	85	95	88	261.9	265.8	332.2	371.3	343.9
						25-29 YRS	54	48	72	113	113	126.4	112.4	168.6	264.6	264.6
						30-34 YRS	31	30	38	84	80	76.3	73.8	93.5	206.6	196.8
						35-39 YRS	14	16	23	49	70	37.4	42.8	61.5	131.0	187.2
						40-44 YRS	7	10	11	25	33	21.7	31.0	34.1	77.6	102.4
45-54 YRS	*	7				5	15	25	*	18.7	13.3	40.0	66.7			
55-64 YRS	0	0				*	*	*	0.0	0.0	*	*	*			
65+ YRS	0	0				*	*	0	0.0	0.0	*	*	0.0			
EARLY SYPHILIS	(BOTH)	ASIAN/PI				15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						25-29 YRS	0	*	*	0	*	0.0	*	*	0.0	*
						30-34 YRS	0	*	*	0	*	*	*	*	0.0	*
						35-39 YRS	0	*	0	0	0	0.0	*	0.0	*	0.0
						40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
					BLACK	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						20-24 YRS	0	0	*	0	*	0.0	0.0	*	0.0	*
						25-29 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
						30-34 YRS	6	*	*	*	0	84.0	*	*	*	0.0
						35-39 YRS	*	*	*	*	*	*	*	*	*	*
						40-44 YRS	0	*	5	*	*	0.0	*	92.0	*	*
45-54 YRS	*	*				6	*	*	*	*	78.8	*	*			
55-64 YRS	0	0				*	0	0	0.0	0.0	*	0.0	0.0			
65+ YRS	0	0				0	0	0	0.0	0.0	0.0	0.0	0.0			
		HISPANIC				15-19 YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
						20-24 YRS	*	*	0	0	*	*	*	0.0	0.0	0.0
						25-29 YRS	*	*	*	*	0	*	*	*	*	0.0
						30-34 YRS	*	*	8	0	*	*	*	74.8	0.0	*
						35-39 YRS	*	*	5	*	*	*	*	58.8	*	*
						40-44 YRS	*	*	*	0	*	*	*	*	0.0	*
			45-54 YRS	0	0	*	*	*	0.0	0.0	*	*	*			
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			
					NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						25-29 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						30-34 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
						40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
45-54 YRS	0	*				*	0	0	0.0	*	*	0.0	0.0			
55-64 YRS	0	0				0	0	0	0.0	0.0	0.0	0.0	0.0			
65+ YRS	0	0				0	0	0	0.0	0.0	0.0	0.0	0.0			
		WHITE				15-19 YRS	0	*	*	*	0	0.0	*	*	*	0.0
						20-24 YRS	*	*	*	*	*	*	*	*	*	*
						25-29 YRS	0	*	6	*	*	0.0	*	14.0	*	*
						30-34 YRS	*	*	*	*	*	*	*	*	*	*
						35-39 YRS	7	*	*	*	8	18.7	*	*	*	21.4
						40-44 YRS	*	0	*	0	*	*	0.0	*	0.0	*
			45-54 YRS	*	*	*	*	*	*	*	*	*	*			
			55-64 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0			
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0			

* less than five cases; exact figure suppressed for confidentiality.

(Table 35, cont.)

Breakdown by SEX

				Reported cases					Incidence rate				
				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of GONORRHEA	Gender FEMALE	Race (ALL)	Age (ALL)	503	352	295	394	381	139.2	97.4	81.6	109.0	105.4
	MALE	(ALL)	(ALL)	1,131	1,093	1,198	1,447	1,224	312.0	301.5	330.5	399.2	337.7
CHLAMYDIA	FEMALE	(ALL)	(ALL)	1,326	1,381	1,439	1,533	1,543	366.8	382.1	398.1	424.1	426.9
	MALE	(ALL)	(ALL)	420	500	801	1,062	1,169	115.9	137.9	221.0	293.0	322.5
EARLY SYPHILIS	FEMALE	(ALL)	(ALL)	6	6	23	10	*	1.7	1.7	6.4	2.8	*
	MALE	(ALL)	(ALL)	37	36	49	30	40	10.2	9.9	13.5	8.3	11.0

Breakdown by SEX AND AGE

				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of GONORRHEA	Gender FEMALE	Race (ALL)	Age 15-19 YRS	174	147	78	122	138	1015.0	857.5	455.0	711.7	805.0
			20-24 YRS	132	82	73	85	100	445.1	276.5	246.2	286.6	337.2
			25-29 YRS	76	44	51	62	62	194.1	112.4	130.2	158.3	158.3
			30-34 YRS	44	28	30	37	20	122.7	78.1	83.7	103.2	55.8
			35-39 YRS	24	14	28	30	23	74.5	43.5	87.0	93.2	71.4
			40-44 YRS	20	8	10	20	9	71.9	28.8	36.0	71.9	32.4
			45-54 YRS	*	9	11	6	6	*	25.1	30.7	16.7	16.7
			55-64 YRS	0	*	0	*	*	0.0	*	0.0	*	*
			65+ YRS	0	*	*	*	*	0.0	*	*	*	*
	MALE	(ALL)	15-19 YRS	67	45	55	63	51	367.7	247.0	301.9	345.8	279.9
			20-24 YRS	148	148	144	169	178	502.6	502.6	489.0	573.9	604.5
			25-29 YRS	277	236	260	301	221	659.8	562.1	619.3	717.0	526.4
			30-34 YRS	273	264	293	328	282	657.3	635.7	705.5	789.8	679.0
			35-39 YRS	171	178	228	288	214	451.6	470.1	602.1	760.5	565.1
			40-44 YRS	105	111	104	164	128	328.4	347.2	325.3	512.9	400.4
			45-54 YRS	66	88	91	99	122	169.2	225.6	233.3	253.8	312.8
			55-64 YRS	14	13	16	19	17	45.6	42.4	52.2	61.9	55.4
			65+ YRS	5	0	*	7	*	11.9	0.0	*	16.6	*
CHLAMYDIA	FEMALE	(ALL)	15-19 YRS	484	482	451	520	507	2823.3	2811.6	2630.8	3033.3	2957.5
			20-24 YRS	410	420	421	432	433	1382.6	1416.3	1419.7	1456.8	1460.1
			25-29 YRS	210	230	263	263	302	536.2	587.3	671.6	671.6	771.2
			30-34 YRS	94	98	136	109	103	262.1	273.3	379.3	304.0	287.2
			35-39 YRS	46	33	51	76	75	142.9	102.5	158.4	236.0	232.9
			40-44 YRS	19	24	27	44	28	68.3	86.3	97.1	158.2	100.7
			45-54 YRS	7	12	12	19	30	19.5	33.5	33.5	53.0	83.6
			55-64 YRS	*	*	*	*	5	*	*	*	*	15.2
			65+ YRS	*	*	7	*	*	*	*	11.1	*	*
	MALE	(ALL)	15-19 YRS	82	80	148	165	156	450.1	439.1	812.3	905.6	856.2
			20-24 YRS	115	161	225	244	282	390.5	546.7	764.1	828.6	957.6
			25-29 YRS	110	122	195	288	266	262.0	290.6	464.5	686.0	633.6
			30-34 YRS	49	61	108	161	181	118.0	146.9	260.0	387.7	435.8
			35-39 YRS	32	32	53	94	136	84.5	84.5	140.0	248.2	359.1
			40-44 YRS	15	15	26	60	77	46.9	46.9	81.3	187.7	240.8
			45-54 YRS	7	17	23	32	54	17.9	43.6	59.0	82.1	138.5
			55-64 YRS	*	0	5	*	6	*	0.0	16.3	*	19.6
			65+ YRS	*	0	*	5	0	*	0.0	*	11.9	0.0
EARLY SYPHILIS	FEMALE	(ALL)	15-19 YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
			20-24 YRS	*	0	*	*	*	*	0.0	*	*	*
			25-29 YRS	*	*	5	0	*	*	*	12.8	0.0	*
			30-34 YRS	*	*	5	*	0	*	*	13.9	*	0.0
			35-39 YRS	*	0	*	*	*	*	0.0	*	*	*
			40-44 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			45-54 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			55-64 YRS	0	0	0	*	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	*	*	0	0.0	0.0	*	*	0.0
	MALE	(ALL)	15-19 YRS	0	0	*	*	0	0.0	0.0	*	*	*
			20-24 YRS	*	*	*	*	*	*	*	*	*	*
			25-29 YRS	5	7	11	5	*	11.9	16.7	26.2	11.9	*
			30-34 YRS	14	10	9	*	6	33.7	24.1	21.7	*	14.4
			35-39 YRS	9	7	12	10	11	23.8	18.5	31.7	26.4	29.0
			40-44 YRS	*	*	5	*	10	*	*	15.6	*	31.3
			45-54 YRS	*	6	7	*	6	*	15.4	17.9	*	15.4
			55-64 YRS	0	*	*	*	*	0.0	*	*	*	*
			65+ YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0

Breakdown by RACE AND SEX

				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of GONORRHEA	Gender FEMALE	Race ASIAN/PI	Age (ALL)	13	16	11	12	19	12.2	15.0	10.3	11.2	17.8
		BLACK	(ALL)	332	206	171	209	214	849.8	527.3	437.7	535.0	547.8
		HISPANIC	(ALL)	35	28	14	25	39	70.8	56.7	28.3	50.6	78.9
		NATV AMER	(ALL)	0	*	*	*	*	0.0	*	*	*	*
		WHITE	(ALL)	56	35	41	66	41	34.1	21.3	25.0	40.2	25.0
	MALE	ASIAN/PI	(ALL)	28	24	41	46	44	28.4	24.3	41.5	46.6	44.6
		BLACK	(ALL)	404	287	310	392	349	1083.8	770.0	831.7	1051.6	936.3
		HISPANIC	(ALL)	120	94	118	156	151	233.9	183.2	230.0	304.0	294.3
		NATV AMER	(ALL)	5	8	9	8	*	363.9	582.2	655.0	582.2	*
		WHITE	(ALL)	443	497	518	619	498	256.0	287.2	299.3	357.7	287.8
CHLAMYDIA	FEMALE	ASIAN/PI	(ALL)	178	198	207	206	191	166.4	185.1	193.5	192.6	178.6
		BLACK	(ALL)	410	419	427	515	454	1049.5	1072.5	1093.0	1318.2	1162.1
		HISPANIC	(ALL)	216	211	225	240	249	437.2	427.1	455.4	485.8	504.0
		NATV AMER	(ALL)	5	8	5	*	7	396.5	634.4	396.5	*	555.1
		WHITE	(ALL)	153	126	159	176	155	93.3	76.8	96.9	107.3	94.5
	MALE	ASIAN/PI	(ALL)	44	47	76	75	102	44.6	47.6	77.0	76.0	103.3
		BLACK	(ALL)	140	176	326	391	384	375.6	472.2	874.6	1049.0	1030.2
		HISPANIC	(ALL)	87	79	140	179	190	169.5	154.0	272.8	348.8	370.3
		NATV AMER	(ALL)	0	6	0	*	*	0.0	436.7	0.0	*	*
		WHITE	(ALL)	88	98	131	274	318	50.9	56.6	75.7	158.3	183.8
EARLY SYPHILIS	FEMALE	ASIAN/PI	(ALL)	0	*	0	*	0	0.0	*	0.0	*	0.0
		BLACK	(ALL)	*	*	7	*	*	*	*	17.9	*	*
		HISPANIC	(ALL)	*	*	6	*	*	*	*	12.1	*	*
		NATV AMER	(ALL)	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	(ALL)	*	*	8	*	*	*	*	4.9	*	*
	MALE	ASIAN/PI	(ALL)	*	*	*	*	*	*	*	*	*	*
		BLACK	(ALL)	10	7	16	9	7	26.8	18.8	42.9	24.1	18.8
		HISPANIC	(ALL)	11	8	13	7	6	21.4	15.6	25.3	13.6	11.7
		NATV AMER	(ALL)	0	*	*	*	0	0.0	*	*	*	0.0
		WHITE	(ALL)	13	13	11	9	17	7.5	7.5	6.4	5.2	9.8

* less than five cases; exact figure suppressed for confidentiality.

(Table 35, cont.)

Breakdown by AGE, RACE, AND SEX

Cases of GONORRHEA	Gender FEMALE	Race ASIAN/PI	Age	Reported cases					Incidence rate					
				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999	
			15-19 YRS	*	*	*	*	5	*	*	*	*	71.9	
			20-24 YRS	*	*	*	*	7	*	*	*	*	81.9	
			25-29 YRS	*	6	*	*	*	*	59.4	*	*	*	
			30-34 YRS	5	*	*	0	0	52.9	*	*	0.0	0.0	
			35-39 YRS	0	*	*	*	*	0.0	*	*	*	*	
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			45-54 YRS	0	*	*	*	0	0.0	*	*	*	0.0	
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	*	
		BLACK	15-19 YRS	128	96	53	83	88	5142.6	3857.0	2129.4	3334.7	3535.6	
			20-24 YRS	87	52	38	44	62	2997.9	1791.9	1309.4	1516.2	2136.5	
			25-29 YRS	45	17	28	29	25	1345.3	508.2	837.1	867.0	747.4	
			30-34 YRS	27	12	13	18	10	769.0	341.8	370.3	512.7	284.8	
			35-39 YRS	12	8	15	12	9	381.0	254.0	476.2	381.0	285.7	
			40-44 YRS	11	6	7	8	5	418.6	228.3	266.4	304.4	190.3	
			45-54 YRS	*	*	7	*	*	*	184.6	*	*	*	
			55-64 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*	
			65+ YRS	0	*	0	0	0	0.0	0.0	0.0	0.0	0.0	
		HISPANIC	15-19 YRS	13	10	*	7	13	382.6	294.3	*	206.0	382.6	
			20-24 YRS	12	6	5	6	10	260.9	130.4	108.7	130.4	217.4	
			25-29 YRS	*	*	*	7	9	*	*	*	133.8	172.0	
			30-34 YRS	*	6	*	*	*	*	123.8	*	*	*	
			35-39 YRS	*	*	*	0	*	*	*	*	0.0	*	
			40-44 YRS	*	0	0	*	0	*	0.0	0.0	*	0.0	
			45-54 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0	
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		NATV AMER	15-19 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0	
			20-24 YRS	0	*	0	0	0	0.0	*	*	0.0	0.0	
			25-29 YRS	0	*	0	0	*	0.0	*	0.0	0.0	*	
			30-34 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			35-39 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*	
			40-44 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0	
			45-54 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0	
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	*	0.0	
		WHITE	15-19 YRS	14	6	9	10	10	332.9	142.7	214.0	237.8	237.8	
			20-24 YRS	13	11	7	16	6	96.9	82.0	52.2	119.3	44.7	
			25-29 YRS	13	7	8	15	10	64.2	34.6	39.5	74.1	49.4	
			30-34 YRS	5	*	8	7	*	28.0	*	44.8	39.2	*	
			35-39 YRS	*	*	6	9	7	*	*	37.4	56.0	43.6	
			40-44 YRS	5	*	*	5	*	35.9	*	*	35.9	*	
			45-54 YRS	*	*	*	*	*	*	*	*	*	*	
			55-64 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
	MALE	ASIAN/PI	15-19 YRS	*	*	*	0	*	*	*	*	0.0	*	
			20-24 YRS	*	10	7	9	7	*	119.9	83.9	107.9	83.9	
			25-29 YRS	9	*	15	14	9	97.5	*	162.4	151.6	97.5	
			30-34 YRS	12	7	9	10	12	133.7	78.0	100.3	111.4	133.7	
			35-39 YRS	*	*	*	10	6	*	*	*	121.4	72.8	
			40-44 YRS	*	0	*	*	*	*	*	*	*	*	
			45-54 YRS	*	*	*	0	*	*	*	*	0.0	*	
			55-64 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		BLACK	15-19 YRS	42	24	36	37	35	1614.8	922.7	1384.1	1422.5	1345.6	
			20-24 YRS	76	51	48	64	64	2701.7	1813.0	1706.4	2275.2	2275.2	
			25-29 YRS	100	54	62	75	57	2924.8	1579.4	1813.4	2193.6	1667.2	
			30-34 YRS	57	49	41	60	60	1567.7	1347.6	1127.6	1650.2	1650.2	
			35-39 YRS	62	45	47	53	39	1795.5	1303.2	1361.1	1534.9	1129.5	
			40-44 YRS	30	32	41	53	41	1068.8	1140.0	1460.6	1888.1	1460.6	
			45-54 YRS	25	25	30	39	40	655.0	655.0	786.0	1021.7	1047.9	
			55-64 YRS	8	6	5	8	9	270.8	203.1	169.3	270.8	304.7	
			65+ YRS	*	0	0	*	*	*	0.0	0.0	*	*	
		HISPANIC	15-19 YRS	7	6	*	11	6	177.4	152.1	*	278.8	152.1	
			20-24 YRS	17	20	21	21	32	287.9	338.7	355.6	355.6	541.9	
			25-29 YRS	30	27	33	38	44	455.9	410.3	501.4	577.4	668.6	
			30-34 YRS	35	19	35	38	29	598.7	325.0	598.7	650.0	496.1	
			35-39 YRS	14	13	17	27	19	303.0	281.3	367.9	584.3	411.2	
			40-44 YRS	12	5	5	16	13	352.9	147.1	147.1	470.6	382.4	
			45-54 YRS	*	*	*	*	6	*	*	*	*	139.0	
			55-64 YRS	0	0	0	0	*	0.0	0.0	*	*	*	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	*	0.0	0.0	
			20-24 YRS	*	*	*	0	*	*	*	*	0.0	*	
			25-29 YRS	*	*	*	*	*	*	*	*	*	*	
			30-34 YRS	*	*	*	*	*	*	*	*	*	*	
			35-39 YRS	0	*	*	*	0	0.0	*	*	*	0.0	
			40-44 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0	
			45-54 YRS	0	*	0	0	0	0.0	*	*	0.0	0.0	
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		WHITE	15-19 YRS	8	8	7	9	*	199.2	199.2	174.3	224.0	*	
			20-24 YRS	39	49	49	52	54	320.5	402.7	402.7	427.3	443.8	
			25-29 YRS	105	115	106	128	82	467.3	511.8	471.8	569.7	365.0	
			30-34 YRS	136	141	158	165	126	596.1	618.0	692.5	723.2	552.2	
			35-39 YRS	78	85	120	153	116	365.5	398.3	562.3	717.0	543.6	
			40-44 YRS	43	54	37	65	56	234.8	294.9	202.1	355.0	305.8	
			45-54 YRS	28	40	33	40	53	132.0	188.6	155.6	188.6	249.9	
			55-64 YRS	5	*	5	*	6	34.2	*	34.2	*	41.1	
			65+ YRS	0	0	0	0	0	0.0	0.0	*	0.0	0.0	
	CHLAMYDIA	FEMALE	ASIAN/PI	15-19 YRS	45	57	55	59	44	647.3	819.9	791.1	848.7	632.9
			20-24 YRS	45	53	55	49	62	526.5	620.1	643.5	573.3	725.4	
			25-29 YRS	42	43	39	33	34	416.1	426.0	386.4	327.0	336.9	
			30-34 YRS	24	20	30	30	18	254.1	211.7	317.6	317.6	190.6	
			35-39 YRS	12	7	11	19	16	134.5	78.5	123.3	213.0	179.4	
			40-44 YRS	6	9	10	8	*	74.3	111.4	123.8	99.0	*	
			45-54 YRS	*	5	*	*	10	*	45.2	*	*	90.4	
			55-64 YRS	0	0	0	0	*	0.0	*	0.0	0.0	*	
			65+ YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0	

* less than five cases; exact figure suppressed for confidentiality.

(Table 35, cont.)

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
CHLAMYDIA	FEMALE	BLACK	15-19 YRS	191	198	186	255	209	7673.8	7955.0	7472.9	10245.1	8396.9
			20-24 YRS	118	112	111	121	111	4066.2	3859.4	3824.9	4169.5	3824.9
			25-29 YRS	47	55	61	73	57	1405.1	1644.2	1823.6	2182.4	1704.0
			30-34 YRS	17	13	27	16	23	484.2	370.3	769.0	455.7	655.1
			35-39 YRS	8	7	8	12	13	254.0	222.2	254.0	381.0	412.7
			40-44 YRS	5	*	0	8	6	190.3	*	0.0	304.4	228.3
			45-54 YRS	*	*	*	*	7	*	*	*	*	184.6
			55-64 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			65+ YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
		HISPANIC	15-19 YRS	78	61	62	69	75	2295.5	1795.2	1824.6	2030.6	2207.2
			20-24 YRS	79	78	70	86	73	1717.4	1695.7	1521.7	1869.6	1587.0
			25-29 YRS	31	42	49	40	59	592.4	802.6	936.4	764.4	1127.5
			30-34 YRS	14	20	24	14	21	288.8	412.6	495.2	288.8	433.3
			35-39 YRS	*	*	*	7	8	*	*	*	180.1	205.9
			40-44 YRS	*	*	*	12	*	*	*	*	396.7	*
			45-54 YRS	0	*	*	*	*	0.0	*	*	*	*
			55-64 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*
			65+ YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
		NATV AMER	15-19 YRS	*	*	0	0	*	*	*	0.0	0.0	*
			20-24 YRS	*	*	*	0	*	*	*	*	0.0	*
			25-29 YRS	*	0	0	0	*	*	0.0	0.0	0.0	*
			30-34 YRS	0	0	0	0	*	0.0	0.0	0.0	0.0	*
			35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			40-44 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			45-54 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	15-19 YRS	52	32	44	40	46	1236.6	761.0	1046.4	951.2	1093.9
			20-24 YRS	53	46	54	64	48	395.0	342.8	402.5	477.0	357.8
			25-29 YRS	24	20	31	34	41	118.6	98.8	153.1	168.0	202.5
			30-34 YRS	12	13	13	15	7	67.3	72.9	72.9	84.1	39.2
			35-39 YRS	7	*	7	11	6	43.6	*	43.6	68.5	37.4
			40-44 YRS	*	5	*	*	*	*	35.9	*	*	*
			45-54 YRS	*	0	*	*	*	*	0.0	*	*	*
			55-64 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
	MALE	ASIAN/PI	15-19 YRS	12	6	18	16	17	159.0	79.5	238.5	212.0	225.2
			20-24 YRS	14	21	26	18	24	167.9	251.8	311.8	215.9	287.8
			25-29 YRS	9	7	16	28	29	97.5	75.8	173.3	303.2	314.0
			30-34 YRS	*	7	11	5	9	*	78.0	122.5	55.7	100.3
			35-39 YRS	*	*	*	*	9	*	*	*	*	109.3
			40-44 YRS	0	*	*	*	6	0.0	*	*	*	82.7
			45-54 YRS	*	0	*	*	5	*	0.0	*	*	53.0
			55-64 YRS	*	0	0	0	*	*	0.0	0.0	0.0	*
			65+ YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
		BLACK	15-19 YRS	34	43	85	93	93	1307.2	1653.2	3268.0	3575.5	3575.5
			20-24 YRS	40	66	100	111	124	1422.0	2346.2	3554.9	3946.0	4408.1
			25-29 YRS	36	38	65	88	80	1052.9	1111.4	1901.1	2573.9	2339.9
			30-34 YRS	12	16	38	43	34	330.0	440.0	1045.1	1182.6	935.1
			35-39 YRS	12	7	15	22	20	347.5	202.7	434.4	637.1	579.2
			40-44 YRS	*	*	9	22	20	*	*	320.6	783.8	712.5
			45-54 YRS	*	*	7	8	11	*	*	183.4	209.6	288.2
			55-64 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			65+ YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
		HISPANIC	15-19 YRS	16	11	27	30	24	405.6	278.8	684.4	760.5	608.4
			20-24 YRS	35	31	42	50	62	592.7	525.0	711.3	846.7	1050.0
			25-29 YRS	21	31	44	51	45	319.1	471.1	668.6	775.0	683.8
			30-34 YRS	8	*	11	28	31	136.8	*	188.2	479.0	530.3
			35-39 YRS	5	0	9	13	11	108.2	0.0	194.8	281.3	238.0
			40-44 YRS	*	0	*	6	9	*	0.0	*	176.5	264.7
			45-54 YRS	0	*	*	0	5	0.0	*	*	0.0	115.9
			55-64 YRS	0	0	*	0	*	0.0	0.0	*	0.0	*
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			25-29 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			30-34 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	15-19 YRS	7	6	6	15	12	174.3	149.4	149.4	373.4	298.7
			20-24 YRS	14	22	31	31	40	115.0	180.8	254.7	254.7	328.7
			25-29 YRS	30	28	41	79	72	133.5	124.6	182.5	351.6	320.5
			30-34 YRS	19	17	25	69	73	83.3	74.5	109.6	302.4	320.0
			35-39 YRS	7	12	16	38	64	32.8	56.2	75.0	178.1	299.9
			40-44 YRS	6	5	7	24	31	32.8	27.3	38.2	131.1	169.3
			45-54 YRS	*	7	*	13	23	*	33.0	*	61.3	108.5
			55-64 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			65+ YRS	*	0	*	*	0	*	0.0	*	*	0.0
EARLY SYPHILIS	FEMALE	ASIAN/PI	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			25-29 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			30-34 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		BLACK	15-19 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			20-24 YRS	0	0	*	0	*	0.0	0.0	*	0.0	*
			25-29 YRS	*	*	0	0	0	*	*	*	0.0	0.0
			30-34 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0
			35-39 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			40-44 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			45-54 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

* less than five cases; exact figure suppressed for confidentiality.

(Table 35, cont.)

Cases of EARLY SYPHILIS	Gender	Race	Age	Reported cases					Incidence rate				
				1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
	FEMALE	HISPANIC	15-19 YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
			20-24 YRS	*	0	0	0	0	*	0.0	0.0	0.0	0.0
			25-29 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			30-34 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	*	*	*	0.0	0.0	*	*	*
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			25-29 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			30-34 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			35-39 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	15-19 YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
			20-24 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			25-29 YRS	0	0	*	0	*	0.0	0.0	*	0.0	*
			30-34 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			35-39 YRS	*	0	*	0	0	*	0.0	*	0.0	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	*	*	0	0.0	0.0	*	*	0.0
			55-64 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
	MALE	ASIAN/PI	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			25-29 YRS	0	*	*	0	*	0.0	*	*	0.0	*
			30-34 YRS	*	0	*	0	*	*	0.0	*	0.0	*
			35-39 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			55-64 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		BLACK	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			25-29 YRS	*	*	*	0	0	*	*	*	0.0	0.0
			30-34 YRS	6	*	*	*	*	165.0	*	*	*	0.0
			35-39 YRS	*	*	*	*	*	*	*	*	*	*
			40-44 YRS	0	*	*	*	*	0.0	*	*	*	*
			45-54 YRS	*	*	6	*	*	*	157.2	*	*	*
			55-64 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		HISPANIC	15-19 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			20-24 YRS	*	*	0	0	*	*	*	0.0	0.0	*
			25-29 YRS	*	*	*	*	0	*	*	*	*	0.0
			30-34 YRS	*	*	5	0	*	*	*	85.5	0.0	*
			35-39 YRS	*	*	5	*	*	*	*	108.2	*	*
			40-44 YRS	*	*	*	0	*	*	*	*	0.0	*
			45-54 YRS	0	0	0	*	*	0.0	0.0	0.0	*	*
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			20-24 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			25-29 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			30-34 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			35-39 YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
			40-44 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			45-54 YRS	0	*	*	0	0	0.0	*	*	0.0	0.0
			55-64 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	15-19 YRS	0	0	*	*	0	0.0	0.0	*	*	0.0
			20-24 YRS	*	*	*	*	*	*	*	*	*	*
			25-29 YRS	0	*	*	*	*	0.0	*	*	*	*
			30-34 YRS	*	*	*	*	*	*	*	*	*	*
			35-39 YRS	5	*	*	*	8	23.4	*	*	*	37.5
			40-44 YRS	*	0	*	0	*	*	0.0	*	0.0	*
			45-54 YRS	*	*	0	*	*	*	*	0.0	*	*
			55-64 YRS	0	*	0	*	0	0.0	*	0.0	*	0.0
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

* less than five cases; exact figure suppressed for confidentiality.

Table 36. Adolescent vs. adult major STD cases and rates by all demographic combinations, 1995-1999.

Age group is ADOLESCENT (14-20 YRS)			Reported cases					Incidence rate				
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of GONORRHEA (BOTH)	Gender (BOTH)	Race (ALL)	323	258	181	243	255	636.6	508.5	356.7	478.9	502.6
CHLAMYDIA (BOTH)	Gender (BOTH)	Race (ALL)	709	744	796	883	850	1397.4	1466.4	1568.9	1740.4	1675.3
EARLY SYPHILIS (BOTH)	Gender (BOTH)	Race (ALL)	*	*	5	*	0	*	*	9.9	*	0.0
Age group is ADULT (21+ YRS)												
Cases of GONORRHEA (BOTH)	Gender (BOTH)	Race (ALL)	1,296	1,170	1,304	1,577	1,338	223.2	201.5	224.6	271.6	230.4
CHLAMYDIA (BOTH)	Gender (BOTH)	Race (ALL)	1,014	1,101	1,407	1,683	1,840	174.6	189.6	242.3	289.9	316.9
EARLY SYPHILIS (BOTH)	Gender (BOTH)	Race (ALL)	41	40	68	38	44	7.1	6.9	11.7	6.5	7.6
Breakdown by RACE												
Age group is ADOLESCENT (14-20 YRS)												
Cases of GONORRHEA (BOTH)	Gender (BOTH)	Race	5	*	5	*	14	24.7	*	24.7	*	69.2
		ASIAN/PI	225	161	116	150	165	3134.6	2243.0	1616.0	2089.7	2298.7
		BLACK	31	24	10	20	22	295.5	228.8	95.3	190.7	209.7
		HISPANIC	0	*	*	*	0	0.0	*	*	*	0.0
		NATV AMER	31	24	22	33	19	245.4	190.0	174.1	261.2	150.4
CHLAMYDIA (BOTH)	Gender (BOTH)	WHITE	72	83	91	89	82	355.9	410.2	449.8	439.9	405.3
		ASIAN/PI	280	312	350	435	377	3900.8	4346.6	4876.0	6060.2	5252.2
		BLACK	131	95	127	127	128	1248.8	905.6	1210.7	1210.7	1220.2
		HISPANIC	*	7	*	*	*	3482.6	*	*	*	*
		NATV AMER	67	57	65	79	73	530.3	451.2	514.5	625.3	577.8
EARLY SYPHILIS (BOTH)	Gender (BOTH)	WHITE	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		ASIAN/PI	0	0	*	0	0	0.0	0.0	*	0.0	0.0
		BLACK	0	0	*	0	0	0.0	0.0	*	0.0	0.0
		HISPANIC	*	*	*	*	0	*	*	*	*	0.0
		NATV AMER	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	0	*	*	*	0	0.0	*	*	*	0.0
Age group is ADULT (21+ YRS)												
Cases of GONORRHEA (BOTH)	Gender (BOTH)	Race	36	36	47	54	48	23.6	23.6	30.8	35.3	31.4
		ASIAN/PI	506	325	357	447	393	931.1	598.0	656.9	822.5	723.1
		BLACK	124	98	122	160	168	174.2	137.7	171.4	224.8	236.1
		HISPANIC	5	11	11	10	5	237.2	521.8	521.8	474.4	237.2
		NATV AMER	467	506	537	649	519	155.6	168.6	178.9	216.2	172.9
CHLAMYDIA (BOTH)	Gender (BOTH)	WHITE	149	159	190	191	211	97.5	104.0	124.3	125.0	138.1
		ASIAN/PI	269	275	389	467	450	495.0	506.0	715.8	859.3	828.0
		BLACK	169	194	234	288	307	237.5	272.6	328.8	404.7	431.4
		HISPANIC	*	6	*	*	9	*	284.6	*	*	426.9
		NATV AMER	170	164	223	365	398	56.6	54.6	74.3	121.6	132.6
EARLY SYPHILIS (BOTH)	Gender (BOTH)	WHITE	*	*	*	*	*	*	*	*	*	*
		ASIAN/PI	11	10	22	12	9	20.2	18.4	40.5	22.1	16.6
		BLACK	11	8	19	7	7	15.5	11.2	26.7	9.8	9.8
		HISPANIC	0	*	*	*	0	0.0	*	*	*	0.0
		NATV AMER	15	13	16	10	18	5.0	4.3	5.3	3.3	6.0
		WHITE										
Breakdown by SEX												
Age group is ADOLESCENT (14-20 YRS)												
Cases of GONORRHEA (ALL)	Gender (FEMALE)	Race (ALL)	225	181	101	159	178	910.3	732.3	408.6	643.3	720.2
	MALE	(ALL)	98	77	80	84	77	376.6	295.9	307.5	322.8	295.9
CHLAMYDIA (ALL)	Gender (FEMALE)	Race (ALL)	600	626	593	663	630	2427.5	2532.7	2399.2	2682.4	2548.9
	MALE	(ALL)	109	116	203	216	216	418.9	445.8	780.2	830.2	830.2
EARLY SYPHILIS (ALL)	Gender (FEMALE)	Race (ALL)	0	*	*	0	0	0.0	*	*	0.0	0.0
	MALE	(ALL)	*	0	*	*	0	*	0.0	*	*	0.0
Age group is ADULT (21+ YRS)												
Cases of GONORRHEA (ALL)	Gender (FEMALE)	Race (ALL)	268	162	186	220	197	91.9	55.6	63.8	75.5	67.6
	MALE	(ALL)	1,028	1,006	1,116	1,355	1,138	355.5	347.9	385.9	468.6	393.5
CHLAMYDIA (ALL)	Gender (FEMALE)	Race (ALL)	710	722	818	843	892	243.6	247.7	280.6	289.2	306.0
	MALE	(ALL)	304	374	588	837	942	105.1	129.3	203.3	289.5	325.8
EARLY SYPHILIS (ALL)	Gender (FEMALE)	Race (ALL)	5	*	20	10	*	1.7	*	6.9	3.4	*
	MALE	(ALL)	36	36	47	28	40	12.4	12.4	16.3	9.7	13.8
Breakdown by RACE AND SEX												
Age group is ADOLESCENT (14-20 YRS)												
Cases of GONORRHEA (ALL)	Gender (FEMALE)	Race (ALL)	*	*	*	*	9	*	*	*	*	91.9
		ASIAN/PI	165	121	65	100	115	4633.5	3397.9	1825.3	2808.2	3229.4
		BLACK	19	12	*	9	16	393.5	248.6	*	186.4	331.4
		HISPANIC	0	*	*	*	0	0.0	*	*	*	0.0
		NATV AMER	17	9	11	19	10	264.1	139.8	170.9	295.2	155.4
	MALE	WHITE	*	*	*	*	5	*	*	*	*	47.9
		ASIAN/PI	60	40	51	50	50	1658.8	1105.9	1410.0	1382.4	1382.4
		BLACK	12	12	6	11	6	211.9	211.9	106.0	194.3	106.0
		HISPANIC	0	0	*	0	0	0.0	0.0	*	0.0	0.0
		NATV AMER	14	15	11	14	9	225.9	242.1	177.5	225.9	145.2
CHLAMYDIA (ALL)	Gender (FEMALE)	WHITE	57	72	66	69	57	582.0	735.2	674.0	704.6	582.0
		ASIAN/PI	233	251	238	309	257	6543.1	7048.6	6683.5	8677.3	7217.1
		BLACK	106	80	88	88	95	2195.5	1657.0	1822.7	1822.7	1967.7
		HISPANIC	*	6	*	*	*	6122.4	*	*	*	*
		NATV AMER	58	45	55	62	53	901.0	699.1	854.4	963.2	823.4
		WHITE										

* less than five cases; exact figure suppressed for confidentiality.

(Table 36, cont.)

Cases of	Gender	Race	Reported cases					Incidence rate					
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999	
CHLAMYDIA	MALE	ASIAN/PI	15	11	25	19	25	143.7	105.4	239.5	182.0	239.5	
		BLACK	47	61	112	125	120	1299.4	1686.5	3096.5	3455.9	3317.7	
		HISPANIC	25	15	39	38	33	441.5	264.9	688.8	671.1	582.8	
		NATV AMER	0	*	0	0	0	0.0	*	0.0	0.0	0.0	
		WHITE	9	12	10	17	20	145.2	193.6	161.4	274.3	322.7	
	EARLY SYPHILIS	FEMALE	ASIAN/PI	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			BLACK	0	0	*	0	0	0.0	0.0	*	0.0	0.0
			HISPANIC	0	*	*	0	0	0.0	*	*	0.0	0.0
			NATV AMER	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
			WHITE	0	*	*	0	0	0.0	*	*	0.0	0.0
MALE		ASIAN/PI	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		BLACK	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		HISPANIC	*	0	0	*	0	*	0.0	0.0	*	0.0	
		NATV AMER	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		WHITE	0	0	*	*	0	0.0	0.0	*	*	0.0	

Age group is ADULT (21+ YRS)													
GONORRHEA	FEMALE	ASIAN/PI	9	13	9	9	10	11.1	16.0	11.1	11.1	12.3	
		BLACK	162	79	98	105	96	576.1	280.9	348.5	373.4	341.4	
		HISPANIC	16	16	10	14	23	45.5	45.5	28.5	39.8	65.4	
		NATV AMER	0	*	*	*	*	0.0	*	*	*	*	
		WHITE	39	26	30	46	31	26.7	17.8	20.6	31.5	21.3	
	MALE	ASIAN/PI	27	23	38	45	38	37.8	32.2	53.2	63.0	53.2	
		BLACK	344	246	259	342	297	1311.6	938.0	987.5	1304.0	1132.4	
		HISPANIC	108	82	112	145	144	299.9	227.7	311.0	402.6	399.8	
		NATV AMER	5	8	8	8	*	451.7	722.7	722.7	722.7	*	
		WHITE	428	480	507	603	488	277.3	310.9	328.4	390.6	316.1	
CHLAMYDIA	FEMALE	ASIAN/PI	121	124	139	134	134	148.7	152.3	170.8	164.6	164.6	
		BLACK	176	160	177	201	187	625.9	569.0	629.4	714.8	665.0	
		HISPANIC	108	130	135	147	152	307.3	369.9	384.1	418.3	432.5	
		NATV AMER	*	*	*	*	5	*	*	*	*	499.5	
		WHITE	94	79	102	110	102	64.5	54.2	70.0	75.4	70.0	
	MALE	ASIAN/PI	28	35	51	56	76	39.2	49.0	71.4	78.4	106.4	
		BLACK	93	115	212	266	263	354.6	438.5	808.3	1014.2	1002.8	
		HISPANIC	61	64	99	140	155	169.4	177.7	274.9	388.7	430.3	
		NATV AMER	0	*	0	*	*	0.0	*	0.0	*	*	
		WHITE	76	85	121	255	296	49.2	55.1	78.4	165.2	191.7	
EARLY SYPHILIS	FEMALE	ASIAN/PI	0	*	0	*	0	0.0	*	0.0	*	0.0	
		BLACK	*	*	6	*	*	*	*	21.3	*	*	
		HISPANIC	*	0	5	*	*	*	0.0	14.2	*	*	
		NATV AMER	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	
		WHITE	*	0	7	*	*	*	0.0	4.8	*	*	
	MALE	ASIAN/PI	*	*	*	*	*	*	*	*	*	*	
		BLACK	10	7	16	9	7	38.1	26.7	61.0	34.3	26.7	
		HISPANIC	10	8	13	6	6	27.8	22.2	36.1	16.7	16.7	
		NATV AMER	0	*	*	*	0	0.0	*	*	*	0.0	
		WHITE	13	13	9	8	17	8.4	8.4	5.8	5.2	11.0	

* Less than five cases: exact figures suppressed for confidentiality.

Table 37. Adolescent cases and rates by reporting source, 1995-1999, versus adult cases and rates. Unknown and out-of-jurisdiction providers included in percentages but not listed..

Age is ADOLESCENT (14-20 YRS)		Reported cases					Percent of reports				
		1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Cases of	(ALL PROVIDERS)	709	744	796	883	850	100%	100%	100%	100%	100%
CHLAMYDIA	Reported by										
	OOJ PROVIDERS	29	22	20	23	29	4.0%	2.9%	2.5%	2.6%	3.4%
	CITY CLINIC	100	75	69	71	80	14.1%	10.0%	8.6%	8.0%	9.4%
	PUBLIC CLINIC (CHN)	27	33	55	65	60	3.8%	4.4%	6.9%	7.3%	7.0%
	JAILS	2	23	83	94	94	0.2%	3.0%	10.4%	10.6%	11.0%
	PRIVATE CLINIC/PMD	166	222	198	208	198	23.4%	29.8%	24.8%	23.5%	23.2%
	PRIVATE HOSPITAL	239	199	162	161	165	33.7%	26.7%	20.3%	18.2%	19.4%
	SPEC PROG YOUTH	66	81	132	162	107	9.3%	10.8%	16.5%	18.3%	12.5%
	SFGH	78	78	71	86	98	11.0%	10.4%	8.9%	9.7%	11.5%
	OUTREACH	2	11	6	13	19	0.2%	1.4%	0.7%	1.4%	2.2%
GONORRHEA	(ALL PROVIDERS)	323	258	181	243	255	100%	100%	100%	100%	100%
	Reported by										
	OOJ PROVIDERS	1	5	2	1	2	0.3%	1.9%	1.1%	0.4%	0.7%
	CITY CLINIC	65	39	28	26	37	20.1%	15.1%	15.4%	10.6%	14.5%
	PUBLIC CLINIC (CHN)	18	18	17	16	19	5.5%	6.9%	9.3%	6.5%	7.4%
	JAILS	6	5	20	19	38	1.8%	1.9%	11.0%	7.8%	14.9%
	PRIVATE CLINIC/PMD	64	39	23	46	44	19.8%	15.1%	12.7%	18.9%	17.2%
	PRIVATE HOSPITAL	92	80	43	52	36	28.4%	31.0%	23.7%	21.3%	14.1%
	SPEC PROG YOUTH	24	40	28	55	37	7.4%	15.5%	15.4%	22.6%	14.5%
	SFGH	51	32	19	24	39	15.7%	12.4%	10.4%	9.8%	15.2%
	OUTREACH	2	0	1	4	3	0.6%	0	0.5%	1.6%	1.1%
EARLY SYPHILIS	(ALL PROVIDERS)	1	2	5	2	0	100%	100%	100%	100%	0
	Reported by										
	CITY CLINIC	1	1	4	0	0	100%	50.0%	80.0%	0	0
	JAILS	0	0	1	0	0	0	0	20.0%	0	0
	PRIVATE CLINIC/PMD	0	0	0	1	0	0	0	0	50.0%	0
	SFGH	0	1	0	1	0	0	50.0%	0	50.0%	0
Age is ADULT (21+ YRS)											
Cases of	(ALL PROVIDERS)	1,014	1,101	1,407	1,683	1,840	100%	100%	100%	100%	100%
CHLAMYDIA	Reported by										
	OOJ PROVIDERS	33	33	50	34	63	3.2%	2.9%	3.5%	2.0%	3.4%
	CITY CLINIC	250	257	294	467	505	24.6%	23.3%	20.8%	27.7%	27.4%
	PUBLIC CLINIC (CHN)	50	58	101	112	120	4.9%	5.2%	7.1%	6.6%	6.5%
	JAILS	12	43	151	181	193	1.1%	3.9%	10.7%	10.7%	10.4%
	PRIVATE CLINIC/PMD	280	355	380	425	481	27.6%	32.2%	27.0%	25.2%	26.1%
	PRIVATE HOSPITAL	293	269	323	291	328	28.8%	24.4%	22.9%	17.2%	17.8%
	SPEC PROG YOUTH	3	4	7	9	1	0.2%	0.3%	0.4%	0.5%	0.0%
	SFGH	93	76	93	149	143	9.1%	6.9%	6.6%	8.8%	7.7%
	OUTREACH	0	6	8	15	6	0	0.5%	0.5%	0.8%	0.3%
GONORRHEA	(ALL PROVIDERS)	1,296	1,170	1,304	1,577	1,338	100%	100%	100%	100%	100%
	Reported by										
	OOJ PROVIDERS	18	24	27	33	25	1.3%	2.0%	2.0%	2.0%	1.8%
	CITY CLINIC	681	589	588	674	636	52.5%	50.3%	45.0%	42.7%	47.5%
	PUBLIC CLINIC (CHN)	66	71	61	91	81	5.0%	6.0%	4.6%	5.7%	6.0%
	JAILS	28	18	53	90	60	2.1%	1.5%	4.0%	5.7%	4.4%
	PRIVATE CLINIC/PMD	160	141	160	246	209	12.3%	12.0%	12.2%	15.5%	15.6%
	PRIVATE HOSPITAL	262	243	301	320	223	20.2%	20.7%	23.0%	20.2%	16.6%
	SPEC PROG YOUTH	2	3	3	6	4	0.1%	0.2%	0.2%	0.3%	0.2%
	SFGH	78	78	107	115	96	6.0%	6.6%	8.2%	7.2%	7.1%
	OUTREACH	1	3	4	2	4	0.0%	0.2%	0.3%	0.1%	0.2%
EARLY SYPHILIS	(ALL PROVIDERS)	41	40	68	38	44	100%	100%	100%	100%	100%
	Reported by										
	OOJ PROVIDERS	0	0	2	4	1	0	0	2.9%	10.5%	2.2%
	CITY CLINIC	18	22	27	16	12	43.9%	55.0%	39.7%	42.1%	27.2%
	PUBLIC CLINIC (CHN)	2	3	4	1	0	4.8%	7.5%	5.8%	2.6%	0
	JAILS	5	0	7	3	2	12.1%	0	10.2%	7.8%	4.5%
	PRIVATE CLINIC/PMD	6	6	10	6	15	14.6%	15.0%	14.7%	15.7%	34.0%
	PRIVATE HOSPITAL	8	8	11	1	5	19.5%	20.0%	16.1%	2.6%	11.3%
	SFGH	2	1	7	7	9	4.8%	2.5%	10.2%	18.4%	20.4%

Appendix II. Demographic Breakdowns for City Clinic

Table 38. City Clinic visits and unduplicated patient counts by all demographic combinations, 1995-1999.

Gender (BOTH)	Ethnicity (ALL)	Age group (ALL)	Total patients					Clinic visits				
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
			9,794	9,744	9,519	9,472	9,954	16,429	17,202	16,989	16,911	17,129
Breakdown by AGE												
Gender (BOTH)	Ethnicity (ALL)	Age group (ALL)	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
		15-19 YRS	606	528	494	512	451	910	837	808	852	686
		20-24 YRS	1,981	1,866	1,830	1,698	1,732	3,255	3,285	3,288	3,007	2,828
		25-29 YRS	2,503	2,525	2,442	2,460	2,417	4,225	4,735	4,610	4,474	4,263
		30-34 YRS	1,839	1,891	1,803	1,769	1,913	3,234	3,385	3,246	3,276	3,515
		35-39 YRS	1,215	1,285	1,216	1,301	1,406	2,071	2,145	2,123	2,345	2,462
		40-44 YRS	764	763	802	802	879	1,272	1,346	1,427	1,355	1,442
		45-54 YRS	649	642	698	721	909	1,053	1,074	1,123	1,254	1,559
		55-64 YRS	156	157	170	152	188	275	273	285	263	281
		65+ YRS	73	58	52	46	50	123	92	66	72	79
Breakdown by RACE												
Gender (BOTH)	Ethnicity (ALL)	Age group (ALL)	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
	ASIAN/PI	(ALL)	708	794	870	907	894	1,184	1,341	1,491	1,621	1,504
	BLACK	(ALL)	2,567	2,174	2,129	2,056	2,020	4,098	3,687	3,516	3,471	3,313
	HISPANIC	(ALL)	1,968	1,899	1,830	1,841	2,020	3,350	3,405	3,468	3,540	3,655
	NATV AMER	(ALL)	62	112	83	72	64	119	165	153	124	124
	WHITE	(ALL)	4,265	4,486	4,410	4,487	4,869	7,330	8,206	8,064	8,005	8,398
Breakdown by RACE AND AGE												
Gender (BOTH)	Ethnicity (ALL)	Age group (ALL)	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
	ASIAN/PI	15-19 YRS	75	73	93	117	76	100	117	153	193	111
		20-24 YRS	209	224	226	231	227	336	368	412	418	367
		25-29 YRS	177	205	216	244	235	285	382	400	477	426
		30-34 YRS	110	143	144	136	152	203	235	224	229	262
		35-39 YRS	68	72	78	78	96	140	109	113	130	159
		40-44 YRS	30	26	53	46	45	39	41	89	69	74
		45-54 YRS	27	37	46	43	55	56	63	79	82	91
		55-64 YRS	*	7	9	10	*	9	17	14	21	*
		65+ YRS	7	5	*	*	*	15	7	6	*	5
	BLACK	15-19 YRS	242	186	152	163	164	369	300	239	274	240
		20-24 YRS	478	370	353	334	333	778	640	597	595	533
		25-29 YRS	572	465	440	410	366	893	837	748	680	632
		30-34 YRS	423	373	376	348	324	751	664	691	620	550
		35-39 YRS	356	316	305	295	295	547	491	483	473	466
		40-44 YRS	225	230	245	235	244	328	371	400	380	403
		45-54 YRS	206	170	193	220	234	325	282	261	358	397
		55-64 YRS	47	40	45	36	44	82	64	75	66	68
		65+ YRS	15	19	15	10	13	22	32	16	19	18
	HISPANIC	15-19 YRS	140	125	126	105	98	221	198	203	168	167
		20-24 YRS	510	488	445	405	445	848	867	882	750	769
		25-29 YRS	527	487	482	480	519	914	955	1,011	986	966
		30-34 YRS	356	352	334	351	417	646	655	610	742	828
		35-39 YRS	191	226	219	258	257	340	397	423	507	463
		40-44 YRS	123	104	103	132	134	210	172	152	200	224
		45-54 YRS	80	81	84	77	118	109	113	136	135	192
		55-64 YRS	24	24	21	20	23	34	31	32	28	29
		65+ YRS	15	11	10	12	7	26	16	13	23	15
	NATV AMER	15-19 YRS	*	11	6	*	*	5	16	10	*	*
		20-24 YRS	9	25	20	12	9	13	34	27	16	19
		25-29 YRS	19	23	20	19	22	41	32	34	30	35
		30-34 YRS	12	22	15	13	8	17	34	26	17	14
		35-39 YRS	5	10	10	11	7	9	13	27	17	20
		40-44 YRS	8	9	6	9	*	11	12	10	21	6
		45-54 YRS	*	9	*	*	7	5	10	*	*	9
		55-64 YRS	*	*	*	*	5	18	13	14	14	14
		65+ YRS	0	0	*	*	*	0	0	*	*	*
	WHITE	15-19 YRS	124	111	106	122	104	182	175	187	211	156
		20-24 YRS	708	699	746	685	699	1,150	1,284	1,309	1,185	1,116
		25-29 YRS	1,165	1,273	1,225	1,280	1,249	2,029	2,412	2,321	2,265	2,163
		30-34 YRS	900	956	890	907	998	1,568	1,735	1,639	1,651	1,844
		35-39 YRS	574	630	586	642	743	1,006	1,093	1,049	1,193	1,337
		40-44 YRS	364	380	381	372	447	667	733	753	669	728
		45-54 YRS	318	329	364	372	489	542	588	630	668	851
		55-64 YRS	78	84	91	85	113	131	148	147	134	166
		65+ YRS	32	22	21	21	26	50	36	29	27	36
Breakdown by SEX												
Gender (BOTH)	Ethnicity (ALL)	Age group (ALL)	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
WOMEN	(ALL)	(ALL)	2,315	2,382	2,412	2,556	2,556	3,751	4,221	4,270	4,473	4,192
MEN	(ALL)	(ALL)	7,472	7,338	7,074	6,892	7,360	12,663	12,933	12,655	12,371	12,843
TRANSGENDER	(ALL)	(ALL)	7	24	33	24	38	15	48	64	67	94

* Less than five cases: exact figures suppressed for confidentiality.

(Table 38, cont.)

Breakdown by SEX AND AGE

Gender	Ethnicity (ALL)	Age group	Total patients					Clinic visits				
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
WOMEN	(ALL)	15-19 YRS	303	276	276	282	273	490	462	484	484	428
		20-24 YRS	641	646	660	685	709	1,059	1,206	1,234	1,287	1,186
		25-29 YRS	561	596	606	670	687	899	1,108	1,167	1,236	1,184
		30-34 YRS	315	344	349	374	373	547	593	565	641	585
		35-39 YRS	230	230	227	253	204	356	400	382	382	322
		40-44 YRS	120	141	141	141	146	184	222	226	210	242
		45-54 YRS	121	104	118	121	130	176	162	164	190	205
		55-64 YRS	9	25	18	16	21	12	44	26	23	21
		65+ YRS	9	8	8	7	6	19	11	12	12	7
		MEN	(ALL)	15-19 YRS	302	252	217	229	178	419	375	322
20-24 YRS	1,340			1,216	1,163	1,011	1,013	2,196	2,070	2,042	1,714	1,624
25-29 YRS	1,940			1,919	1,825	1,782	1,719	3,319	3,609	3,424	3,225	3,060
30-34 YRS	1,522			1,542	1,450	1,386	1,529	2,682	2,783	2,670	2,602	2,892
35-39 YRS	985			1,053	982	1,046	1,198	1,715	1,742	1,728	1,957	2,123
40-44 YRS	642			621	661	659	733	1,086	1,118	1,197	1,137	1,200
45-54 YRS	528			536	577	600	777	877	909	956	1,064	1,352
55-64 YRS	147			132	152	136	167	263	229	259	240	260
65+ YRS	64			50	44	39	44	104	81	54	60	72
TRANSGENDER	(ALL)			15-19 YRS	*	0	*	*	0	*	0	*
		20-24 YRS	0	*	7	*	10	0	9	12	6	
		25-29 YRS	*	10	11	8	11	7	18	19	13	
		30-34 YRS	*	5	*	9	11	5	9	11	33	
		35-39 YRS	0	*	7	*	*	0	*	13	6	
		40-44 YRS	*	*	*	*	0	*	6	*	8	
		45-54 YRS	0	*	*	0	0	0	*	*	0	
		55-64 YRS	0	0	0	0	0	0	0	0	0	
		65+ YRS	0	0	0	0	0	0	0	0	0	

Breakdown by RACE AND SEX

Gender	Ethnicity	Age group	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
WOMEN	ASIAN/PI (ALL)		248	287	319	396	374	397	494	569	711	647
	BLACK (ALL)		634	548	531	575	585	1,029	940	889	1,003	972
	HISPANIC (ALL)		420	441	486	459	484	716	803	892	867	812
	NATV AMER (ALL)		20	35	23	24	19	34	55	47	44	35
	WHITE (ALL)		923	986	992	1,069	1,066	1,480	1,794	1,783	1,805	1,685
MEN	ASIAN/PI (ALL)		460	505	549	510	518	787	845	918	909	855
	BLACK (ALL)		1,932	1,620	1,591	1,474	1,432	3,068	2,732	2,610	2,454	2,320
	HISPANIC (ALL)		1,544	1,448	1,333	1,369	1,513	2,622	2,582	2,549	2,630	2,789
	NATV AMER (ALL)		42	76	58	48	45	85	109	103	80	89
	WHITE (ALL)		3,340	3,497	3,407	3,415	3,794	5,848	6,407	6,268	6,191	6,697
TRANSGENDER	ASIAN/PI (ALL)		0	*	*	*	*	0	*	*	*	*
	BLACK (ALL)		*	6	7	7	*	*	15	17	14	21
	HISPANIC (ALL)		*	10	11	13	23	12	20	27	43	54
	NATV AMER (ALL)		0	*	*	0	0	0	*	*	0	0
	WHITE (ALL)		*	*	11	*	9	*	5	13	9	16

Breakdown by AGE, RACE, AND SEX

Gender	Ethnicity	Age group	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999	
WOMEN	ASIAN/PI	15-19 YRS	48	43	59	78	57	69	78	101	129	82	
		20-24 YRS	89	92	105	120	123	136	154	190	197	221	
		25-29 YRS	58	73	76	99	104	104	136	158	208	186	
		30-34 YRS	22	39	41	46	42	39	52	54	88	76	
		35-39 YRS	18	22	20	26	21	28	38	24	37	40	
		40-44 YRS	*	6	9	12	12	6	15	25	20	20	
		45-54 YRS	6	8	5	10	8	9	13	9	25	13	
		55-64 YRS	0	*	*	*	*	0	7	*	6	*	
		65+ YRS	*	0	*	0	*	5	0	*	0	*	
		BLACK	15-19 YRS	119	97	75	86	96	206	158	135	154	144
			20-24 YRS	134	104	111	124	143	217	200	183	240	249
			25-29 YRS	135	110	99	102	108	224	211	175	192	192
			30-34 YRS	98	83	84	100	85	156	133	157	175	144
			35-39 YRS	74	60	70	68	56	105	94	115	95	85
			40-44 YRS	35	54	48	50	51	54	78	68	71	84
			45-54 YRS	33	26	35	37	40	59	49	45	67	65
			55-64 YRS	*	6	*	*	*	*	8	*	*	*
			65+ YRS	*	*	*	0	0	*	*	*	0	0
		HISPANIC	15-19 YRS	54	52	63	39	50	92	86	108	65	87
20-24 YRS	132		137	131	128	129	244	273	271	275	233		
25-29 YRS	95		108	118	117	123	161	197	243	247	209		
30-34 YRS	49		52	69	65	85	90	100	114	125	129		
35-39 YRS	44		47	47	54	42	73	85	81	80	67		
40-44 YRS	20		19	27	32	24	23	26	34	40	50		
45-54 YRS	22		19	21	18	24	29	26	28	25	30		
55-64 YRS	*		*	*	*	5	*	7	5	*	5		
65+ YRS	*		*	*	*	*	*	*	*	8	*		
NATV AMER	15-19 YRS	*	7	*	*	0	5	11	*	*	0		
	20-24 YRS	*	10	5	7	5	7	14	9	11	10		
	25-29 YRS	5	6	6	*	5	8	11	11	5	7		
	30-34 YRS	*	*	*	*	*	*	7	11	*	*		
	35-39 YRS	*	*	*	5	*	*	*	8	10	11		
	40-44 YRS	*	*	*	*	*	7	7	*	10	*		
	45-54 YRS	*	*	*	*	*	*	*	*	*	*		
	55-64 YRS	0	0	0	0	0	0	0	0	0	0		
	65+ YRS	0	0	0	*	0	0	0	0	*	0		
WHITE	15-19 YRS	71	67	68	75	63	107	116	124	131	107		
	20-24 YRS	257	274	294	294	304	420	515	557	547	466		
	25-29 YRS	254	278	290	338	336	384	517	556	572	570		
	30-34 YRS	137	157	139	155	158	247	286	213	243	232		
	35-39 YRS	87	94	84	99	80	142	174	150	159	118		
	40-44 YRS	56	56	51	44	57	93	91	93	68	85		
	45-54 YRS	52	43	54	54	55	70	65	74	69	93		
	55-64 YRS	*	12	10	8	10	6	22	14	13	10		
	65+ YRS	*	*	*	*	*	7	6	*	*	*		

* Less than five cases: exact figures suppressed for confidentiality.

(Table 38, cont.)

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
			MEN	ASIAN/PI	15-19 YRS	27	30	34	39	19	31	39
		20-24 YRS	120	132	121	111	102	200	214	222	221	144
		25-29 YRS	119	130	140	145	131	181	244	242	269	240
		30-34 YRS	88	104	102	89	110	164	183	167	140	186
		35-39 YRS	50	50	57	52	75	112	71	88	93	119
		40-44 YRS	26	20	44	34	33	33	26	64	49	54
		45-54 YRS	21	29	41	33	47	47	50	70	57	78
		55-64 YRS	*	*	8	6	*	9	10	11	15	*
		65+ YRS	5	5	*	*	*	10	7	*	*	*
	BLACK	15-19 YRS	123	89	77	76	68	163	142	104	119	96
		20-24 YRS	344	266	242	210	190	561	440	414	355	284
		25-29 YRS	437	353	339	306	257	669	623	571	484	439
		30-34 YRS	325	289	292	246	237	595	529	534	440	392
		35-39 YRS	282	255	232	226	239	442	395	359	376	375
		40-44 YRS	189	175	197	184	193	273	287	328	307	319
		45-54 YRS	173	143	156	183	194	266	231	214	291	332
		55-64 YRS	44	34	42	33	41	78	56	71	63	65
		65+ YRS	14	16	13	10	13	20	29	14	19	18
	HISPANIC	15-19 YRS	86	73	63	66	48	129	112	95	103	80
		20-24 YRS	378	348	312	276	311	604	586	606	471	528
		25-29 YRS	430	377	358	358	389	746	754	754	731	744
		30-34 YRS	305	297	262	280	324	551	549	488	590	676
		35-39 YRS	147	178	172	203	212	267	311	342	423	386
		40-44 YRS	103	85	76	100	110	187	146	118	160	174
		45-54 YRS	58	61	63	59	94	80	86	108	110	162
		55-64 YRS	23	20	17	19	18	33	24	27	27	24
		65+ YRS	14	9	8	8	6	25	14	9	15	14
	NATV AMER	15-19 YRS	0	*	*	*	*	0	5	*	*	*
		20-24 YRS	5	15	15	5	*	6	20	18	5	9
		25-29 YRS	14	16	14	15	17	33	20	23	25	28
		30-34 YRS	11	19	11	11	7	14	27	15	15	13
		35-39 YRS	*	9	7	6	*	8	12	18	7	9
		40-44 YRS	*	5	*	7	*	*	5	8	11	*
		45-54 YRS	*	6	*	*	5	*	7	*	*	6
		55-64 YRS	*	*	*	*	5	18	13	14	14	14
		65+ YRS	0	0	*	*	*	0	0	*	*	*
	WHITE	15-19 YRS	52	44	38	47	41	74	59	63	80	49
		20-24 YRS	451	424	447	390	392	730	768	745	636	642
		25-29 YRS	911	994	932	941	911	1,645	1,892	1,762	1,692	1,589
		30-34 YRS	763	798	751	752	839	1,321	1,448	1,426	1,408	1,611
		35-39 YRS	487	536	500	543	662	864	919	897	1,034	1,218
		40-44 YRS	307	324	330	327	390	573	642	660	595	643
		45-54 YRS	266	286	309	318	432	472	523	555	599	756
		55-64 YRS	74	72	81	77	103	125	126	133	121	156
		65+ YRS	28	19	19	19	23	43	30	27	24	32
TRANSGENDER	ASIAN/PI	15-19 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	0	0	0	0	0	0	0	0	0	0
		25-29 YRS	0	*	0	0	0	0	*	0	0	0
		30-34 YRS	0	0	*	*	0	0	0	*	*	0
		35-39 YRS	0	0	*	0	0	0	0	*	0	0
		40-44 YRS	0	0	0	0	0	0	0	0	0	0
		45-54 YRS	0	0	0	0	0	0	0	0	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
		65+ YRS	0	0	0	0	0	0	0	0	0	0
	BLACK	15-19 YRS	0	0	0	*	0	0	0	0	*	0
		20-24 YRS	0	0	0	0	0	0	0	0	0	0
		25-29 YRS	0	*	*	*	*	0	*	*	*	*
		30-34 YRS	0	*	0	*	*	0	*	0	5	14
		35-39 YRS	0	*	*	*	*	0	*	9	*	6
		40-44 YRS	*	*	*	*	0	*	6	*	*	0
		45-54 YRS	0	*	0	0	0	0	*	*	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
		65+ YRS	0	0	0	0	0	0	0	0	0	0
	HISPANIC	15-19 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	0	*	*	*	5	0	8	5	*	8
		25-29 YRS	*	*	6	5	7	7	*	14	8	13
		30-34 YRS	*	*	*	6	8	5	6	8	27	23
		35-39 YRS	0	*	0	*	*	0	*	0	*	10
		40-44 YRS	0	0	0	0	0	0	0	0	0	0
		45-54 YRS	0	0	0	0	0	0	0	0	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
		65+ YRS	0	0	0	0	0	0	0	0	0	0
	NATV AMER	15-19 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	0	0	0	0	0	0	0	0	0	0
		25-29 YRS	0	*	0	0	0	0	*	0	0	0
		30-34 YRS	0	0	0	0	0	0	0	0	0	0
		35-39 YRS	0	0	*	0	0	0	0	*	0	0
		40-44 YRS	0	0	0	0	0	0	0	0	0	0
		45-54 YRS	0	0	0	0	0	0	0	0	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
		65+ YRS	0	0	0	0	0	0	0	0	0	0
	WHITE	15-19 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	0	*	5	*	*	0	*	7	*	8
		25-29 YRS	0	*	*	*	*	0	*	*	*	*
		30-34 YRS	0	*	0	0	0	0	0	0	0	*
		35-39 YRS	0	0	*	0	*	0	*	0	0	*
		40-44 YRS	*	0	0	*	0	*	0	0	6	0
		45-54 YRS	0	0	*	0	*	0	0	*	0	*
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
		65+ YRS	0	0	0	0	0	0	0	0	0	0

* Less than five cases: exact figures suppressed for confidentiality.