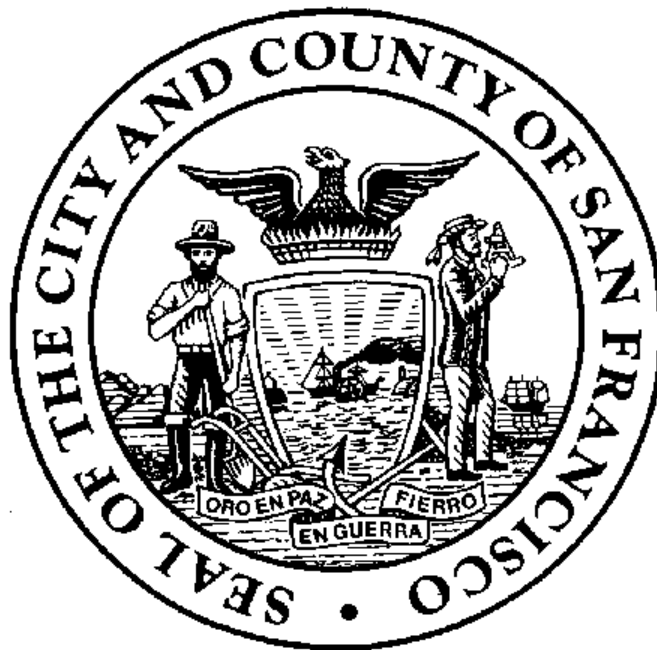


San Francisco Sexually Transmitted Disease Annual Summary, 2017



San Francisco Department of Public Health
San Francisco, California USA

April, 2019

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Suggested Citation

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Note on data 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.

In addition, disease rates may have changed due to updated denominator data from the U.S. Census Department.

Technical Note

All graphs, tables and maps in this report were produced using SAS for Windows version 9.4. The document itself was created with *Microsoft Word*.

Preface

Abbreviations used in this report include the following:

A/YA	Adolescents and young adults
SFHN.....	San Francisco Health Network (formerly "Community Health Network" in this report)
CC/CBO	Community Clinic/Community-Based Organization
CHPY	Community Health Programs for Youth
CT.....	Chlamydia
GC	Gonorrhea
IDU	Injecting drug user
MSM	Men who reported sex with men only (past year); also men whose reported sexual orientation is "Gay" if partner data unavailable
MSMW.....	Men who report having sex with men and women (past year); also men whose reported sexual orientation is "Bisexual" if partner data unavailable
MSW.....	Men who report having sex with women only (past year); also men whose reported sexual orientation is "Straight" or "Heterosexual" if partner data unavailable
OMI.....	Oceanview, Merced, Ingleside
OOJ.....	Out of jurisdiction
P&S	Primary and secondary syphilis
PMD	Private medical doctor
ZSFG.....	Zuckerberg San Francisco General Hospital and Trauma Center

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 disease (STD) 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 2017 the list of reportable STDs included syphilis of any stage, gonorrhea, chlamydia, and chancroid. Reports of morbidity must include the patient's name and address and demographic information (gender, age, and race or ethnicity). As recommended by the United States Centers for Disease Control and Prevention (CDC), gender of sex partners has been a required reportable item in San Francisco, since July 2004.

Previous reviews of the San Francisco STD surveillance system suggest that reporting is nearly complete for syphilis, gonorrhea and chlamydia when a diagnostic test was performed in a laboratory. However, many individuals with STDs are never diagnosed with a laboratory-based test, either because they do not develop symptoms, are presumptively treated, or are not screened appropriately by their provider, or have no access to health care. Furthermore, demographic data are often missing from reports; in 2017, approximately 20 percent of all gonorrhea and chlamydia reports lacked information on race or ethnicity. 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.

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 other areas are from *Centers for Disease Control and Prevention. Sexually Transmitted Disease Surveillance 2017. Atlanta: U.S. Department of Health and Human Services; 2018*. In these figures, "San Francisco MSA" represents data for the entire San Francisco-Oakland-Hayward MSA.

Reporting sources

The two clinics mentioned most frequently in this report are City Clinic and Magnet Clinic at Strut. The San Francisco City Clinic is the only municipal STD clinic in San Francisco, operated by the San Francisco Department of Public Health (SFDPH). Much more information about City Clinic is presented in Section III below.

Supported in part by the SFDPH, Magnet is an innovative health promotion center in the Castro District of San Francisco that provides a variety of clinical and social services with expertise in the sexual health needs of gay, bisexual and other MSM in San Francisco and throughout the Bay Area.

Census data

Population denominators for disease rates are based on 2010 US Census Data, except for congenital syphilis, where live birth totals for each year (reported by the SFDPH Office of Vital Records) are used instead.

Data on race or ethnicity of STD patients in San Francisco have typically been reported as a single value, with "Hispanic" or "Latino" as a category exclusive of all others. However, in the 2000 and 2010 US Census surveys, race was collected as a multiple-choice item, with Hispanic ethnicity recorded independently of race. In order to make denominators from the census data match totals from case reports, totals for residents reporting more than one race in the census data were divided among totals for residents indicating only one race. Failure to do so would have artificially increased all race-specific rates because there are no patients recorded as "multi-racial" among the STD case reports.

Data for graphics and tables

All numbers presented in the graphics are included in the Appendix at the end or in tables at the end of the section for the graphic. Table cells with fewer than five cases are indicated with an asterisk (*); exact figures are suppressed for confidentiality.

Summary

- Reported early syphilis moderately increased in San Francisco – 1,453 early syphilis cases were reported in 2017, an increase of 26.7 percent from 2016.
 - Early syphilis cases among females has remained consistent in the past 3 years, with 29 reported in 2017.
 - There was one reported congenital syphilis case.
 - Reported neurosyphilis cases decreased from 17 cases in 2016 to 12 in 2017, which likely reflects gaps in reporting more so than a real decline in identified cases.
- Gonorrhea and chlamydia cases have continued to increase.
 - The 12.1 percent increase in chlamydia cases and 10.4 percent increase in gonorrhea cases were lower between 2016 and 2017 than annual comparisons in recent years.
 - Among adolescents and young adults (ages 15 to 25 years), case rates increased more steeply from 2016 to 2017 for chlamydia (12.6 percent), gonorrhea (13.4 percent), and early syphilis (18.7 percent) than from 2015 to 2016.
 - Racial/ethnic disparities for chlamydia and gonorrhea remain large, particularly for adolescents/young adults. In 2017, the rate among Black/African American youth compared to white youth was 4.5 times higher for chlamydia and gonorrhea, and 4.6 times higher for early syphilis.
- Gay and other men who have sex with men have the highest prevalence rates of gonorrhea, chlamydia, and early syphilis. Transgender residents also have higher rates of STD than San Francisco residents as a whole.

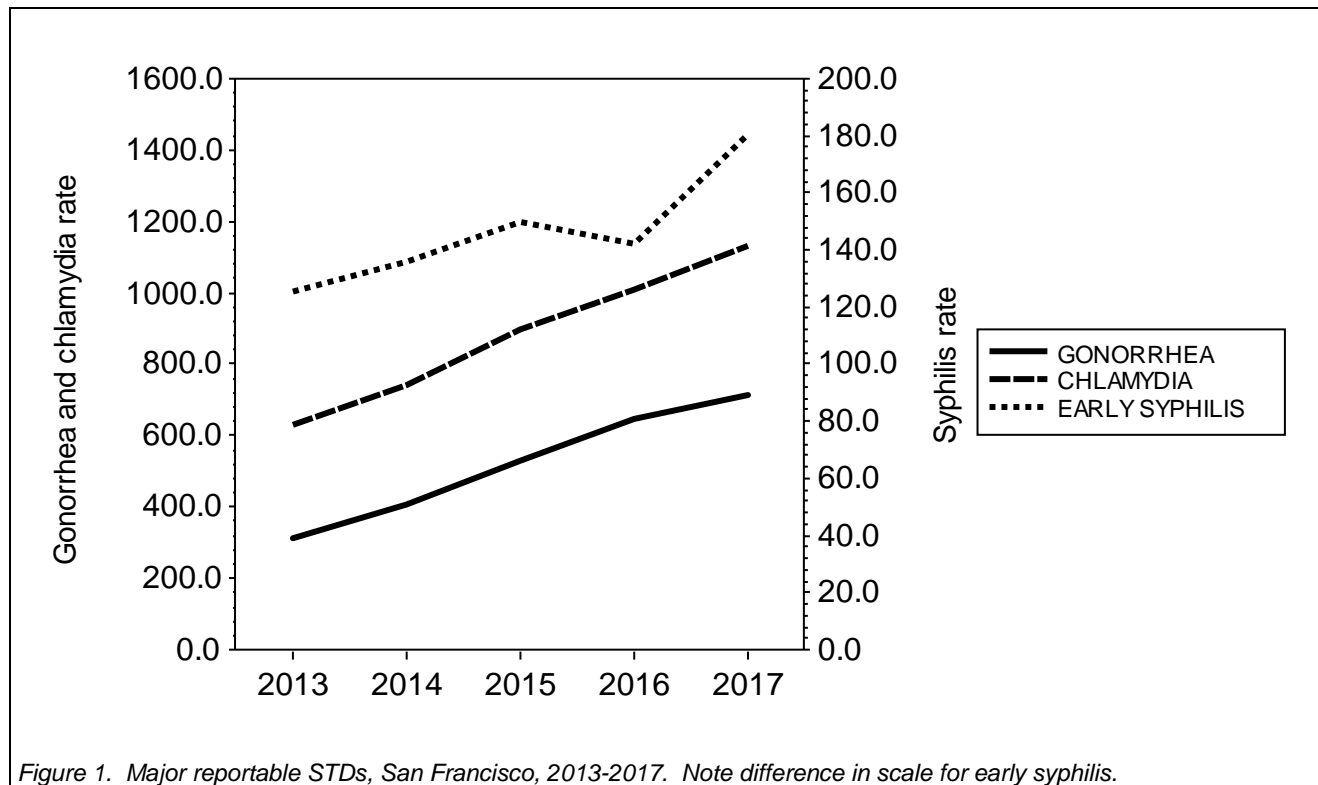


Table 1. Reportable STD cases and rates, San Francisco, 2013-2017. Rates equal cases per 100,000 residents per year, except for congenital syphilis (cases per 100,000 live births). Note: no cases of late symptomatic (i.e., tertiary) syphilis have been reported since 1992.

	Reported cases					Rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
GONORRHEA	2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
SYPHILIS (TOTAL)	1,167	1,270	1,397	1,346	1,694	144.9	157.7	173.5	167.2	210.4
---PRIMARY	205	177	227	231	265	25.5	22.0	28.2	28.7	32.9
---SECONDARY	289	274	266	289	317	35.9	34.0	33.0	35.9	39.4
---(TOTAL P&S)	494	451	493	520	582	61.3	56.0	61.2	64.6	72.3
---EARLY LATENT	517	644	713	627	871	64.2	80.0	88.5	77.9	108.2
---(TOTAL EARLY)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
---UNKNOWN LATENT [1]	1	10	32	14	6	0.1	1.2	4.0	1.7	0.7
---LATE LATENT	155	165	159	185	235	19.2	20.5	19.7	23.0	29.2
---NEUROSYPHILIS	11	14	26	17	12	1.4	1.7	3.2	2.1	1.5
CONGENITAL SYPHILIS (TOTAL)	0	0	1	2	1	0.0	0.0	11.2	22.2	11.1
---BIRTHS	0	0	1	1	1	0.0	0.0	11.2	11.1	11.1
---STILLBIRTHS	0	0	0	1	0	0.0	0.0	0.0	11.1	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.

Chlamydia

- There were 9,094 cases of chlamydia reported among San Francisco residents in 2017; the rate was 1129.4 cases per 100,000 residents per year.
 - Percent increase in rate between 2016 and 2017 = 12.1%
 - Percent increase in rate between 2013 and 2017 = 78.8%
- Chlamydia cases have increased in 20 of the past 22 years, and in 2017 the total was over 9,000 cases for the first time.
- Because private clinics and providers are diagnosing more chlamydia, we further categorized them into subgroups: adult, pediatrics, multi-specialty, obstetrics/gynecology (OB/GYN), urgent care, or other (where their online information did not make the distinction obvious).
 - Private-Multi Specialty and Private-Urgent Care providers are diagnosing more of the city’s chlamydia burden 2017, increasing by 23.0 percent and nearly 100.0 percent respectively since 2016.
- San Francisco City Clinic accounted for only 9.8 percent of the reported chlamydia diagnoses in 2017. Hospitals report the highest proportion of cases (26.4 percent).
- OOJ – Out of Jurisdiction – providers are those whose clinics/offices are outside of San Francisco but diagnose reportable STDs in San Francisco residents. OOJ providers reported nearly 10 percent of chlamydia cases in 2017, an increase over the 7.6 percent of chlamydia reports they submitted in 2013.
- The chlamydia rate for the San Francisco MSA was slightly lower than for the state of California in 2017 but indistinguishable as compared to the Los Angeles MSA, NYC MSA, and the United States.

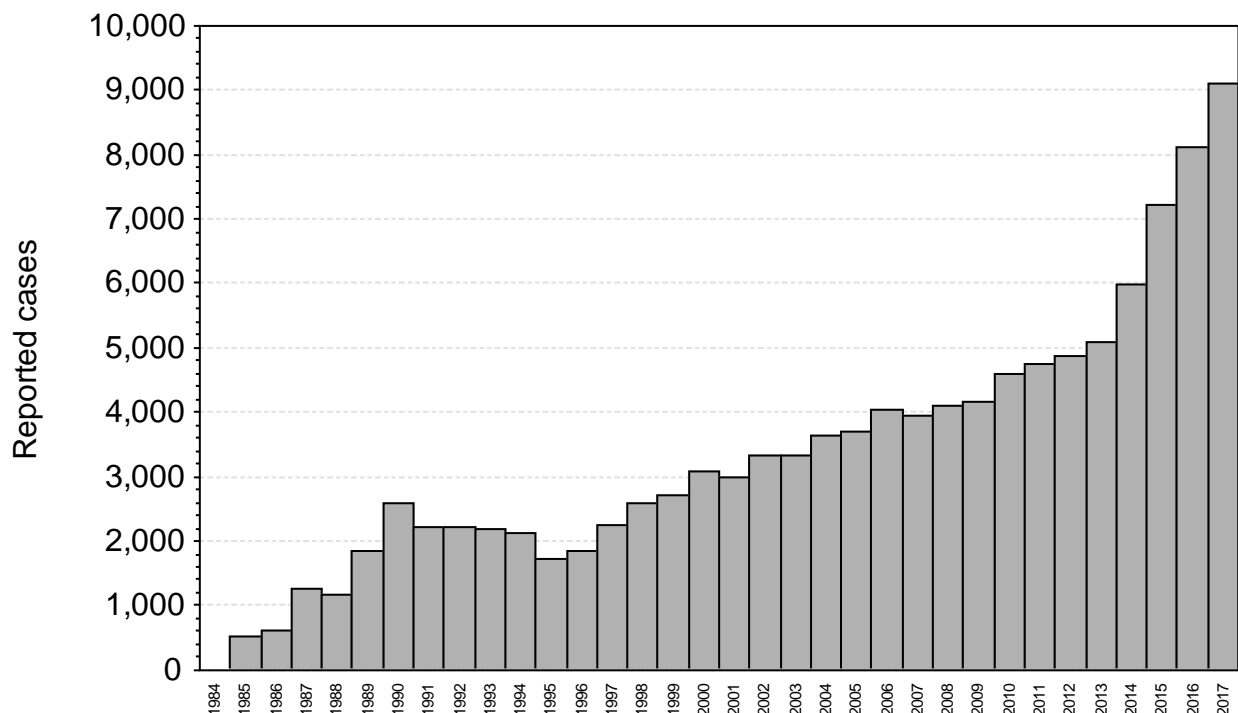


Figure 2. Reported chlamydia cases, San Francisco, 1984-2017. Note: chlamydia became a reportable disease in 1989; the Public Health Laboratory implemented nucleic acid amplification testing in Fall 1996.

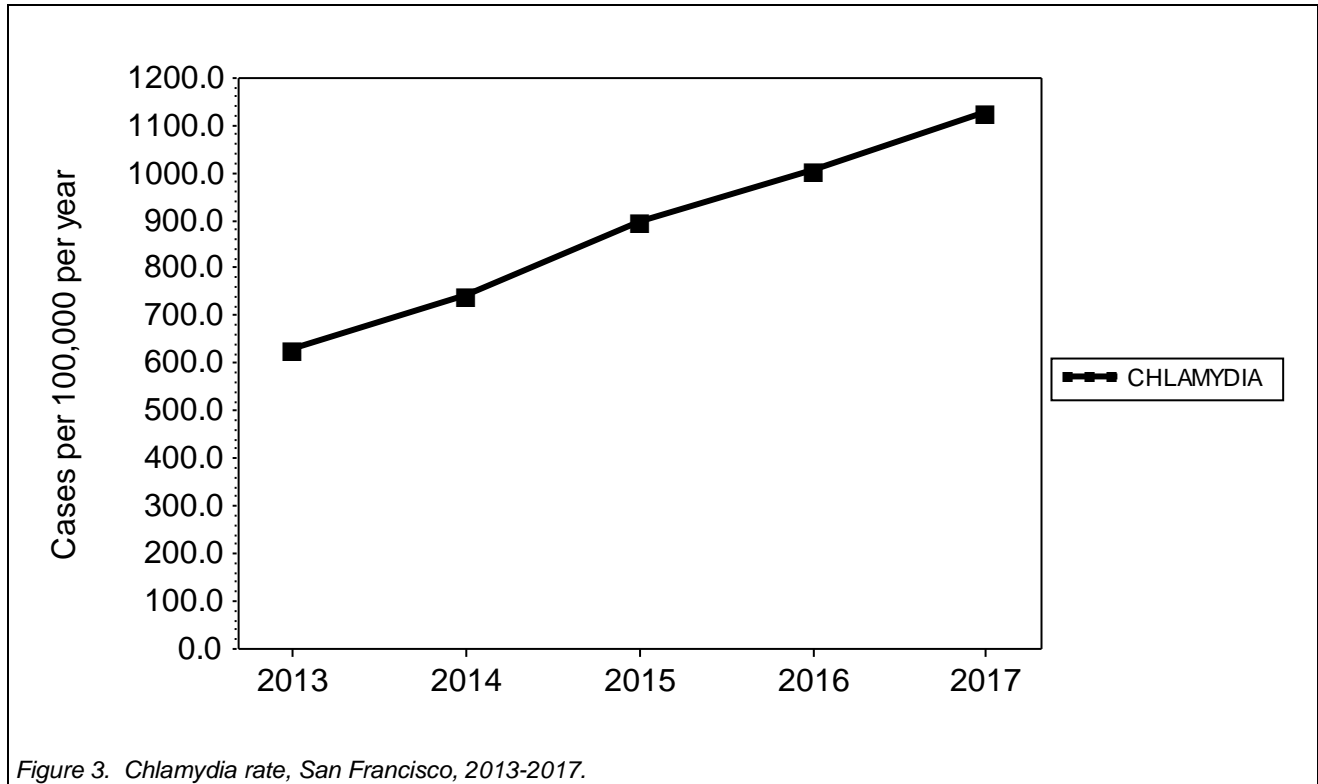


Figure 3. Chlamydia rate, San Francisco, 2013-2017.

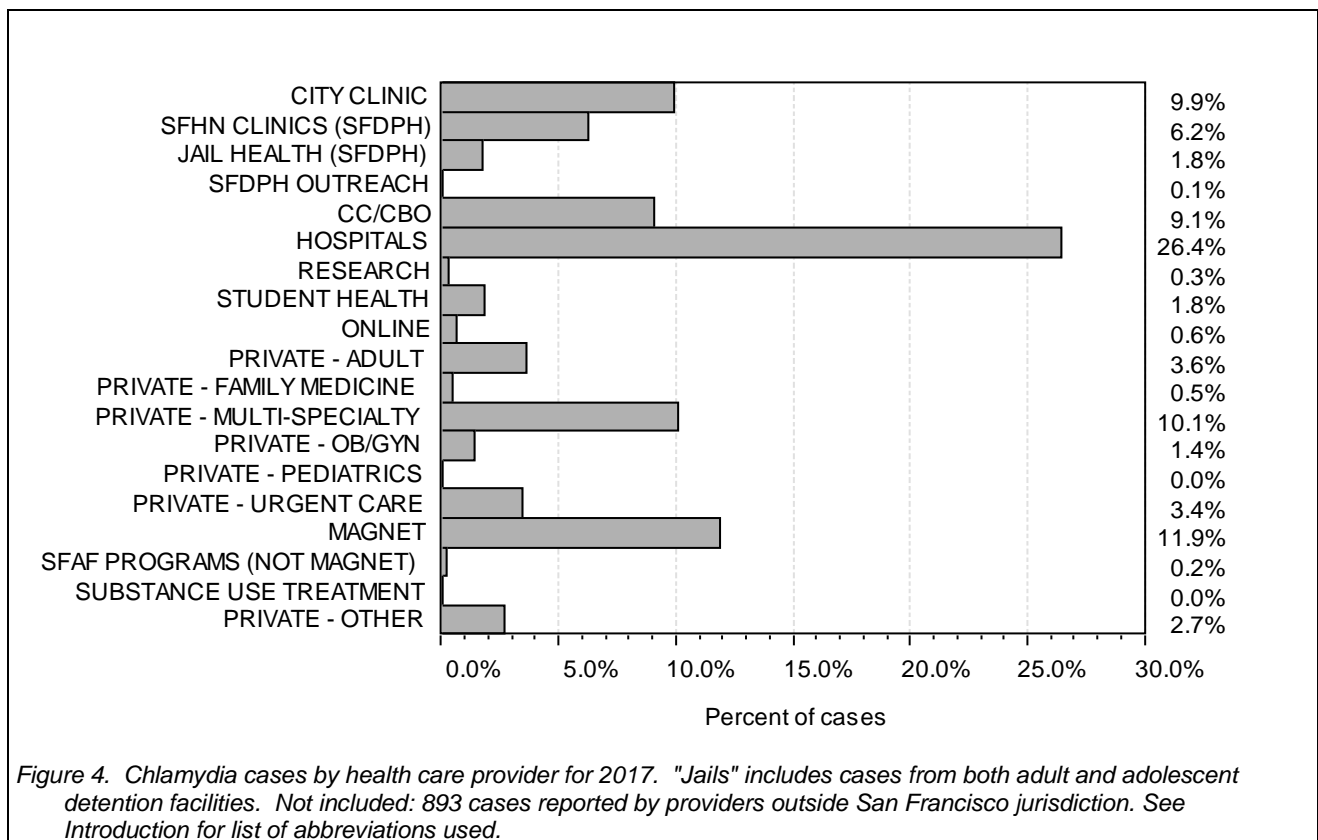


Figure 4. Chlamydia cases by health care provider for 2017. "Jails" includes cases from both adult and adolescent detention facilities. Not included: 893 cases reported by providers outside San Francisco jurisdiction. See Introduction for list of abbreviations used.

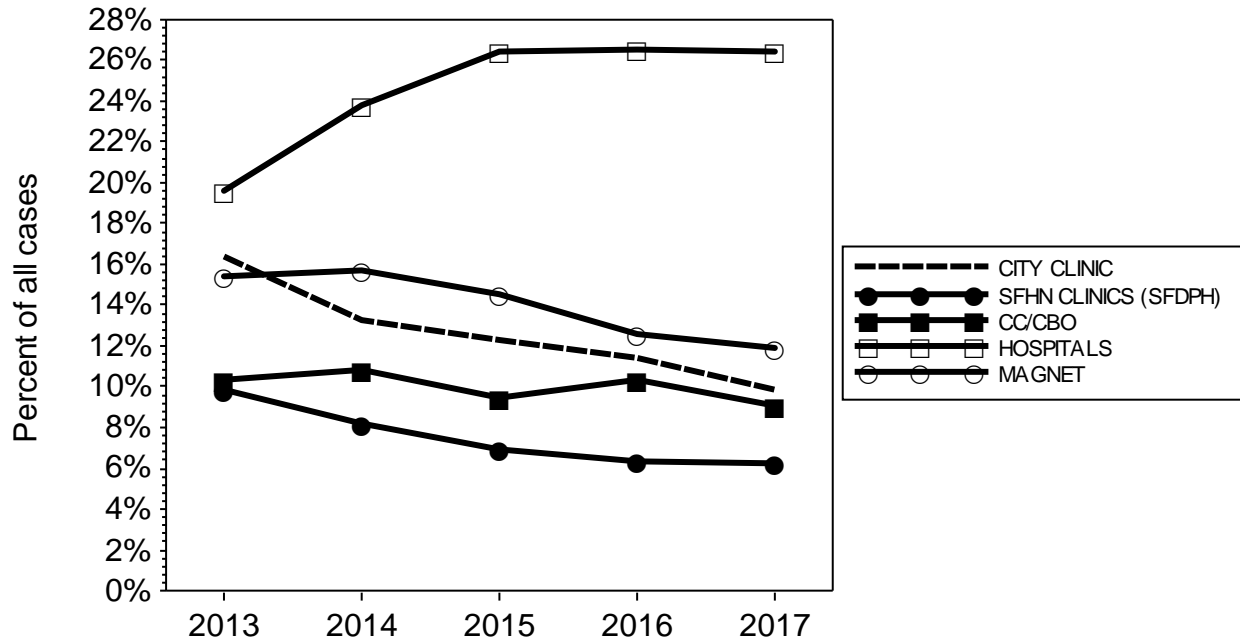


Figure 5. Chlamydia cases by health care provider, 2013-2017 (1 of 2). See Introduction for list of abbreviations used.

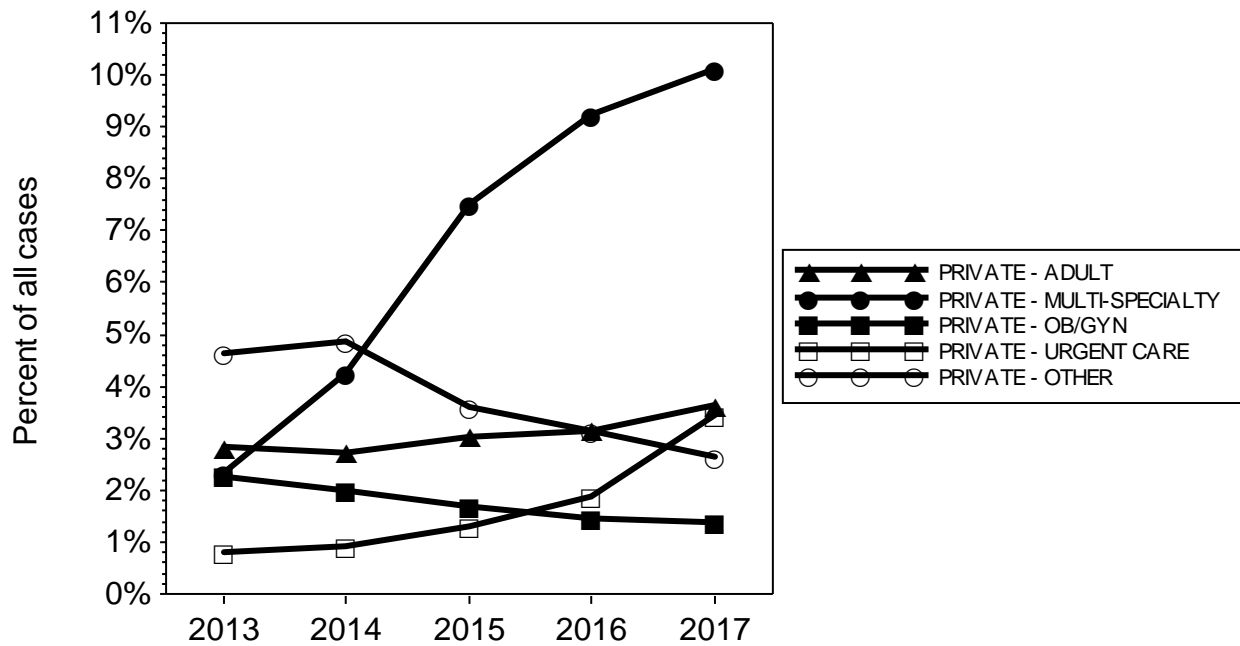


Figure 6. Chlamydia cases by health care provider, 2013-2017 (2 of 2). See Introduction for list of abbreviations used.

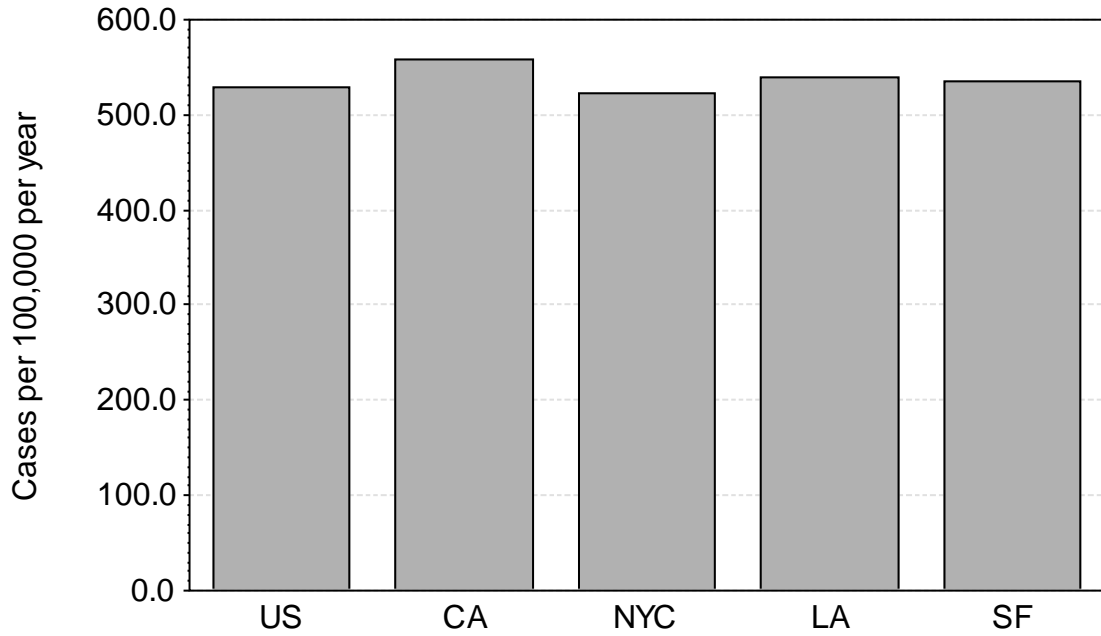


Figure 7. Regional chlamydia rates compared for 2017, San Francisco MSA vs. Los Angeles MSA, New York MSA, total California and total U.S.

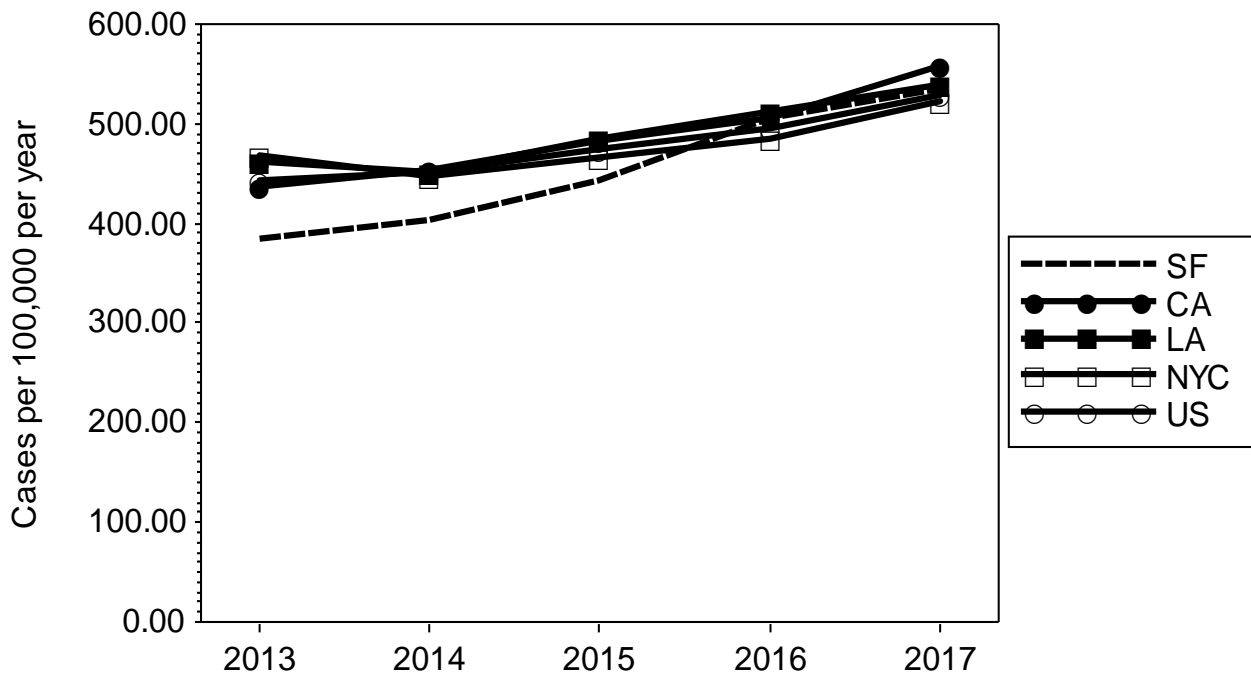


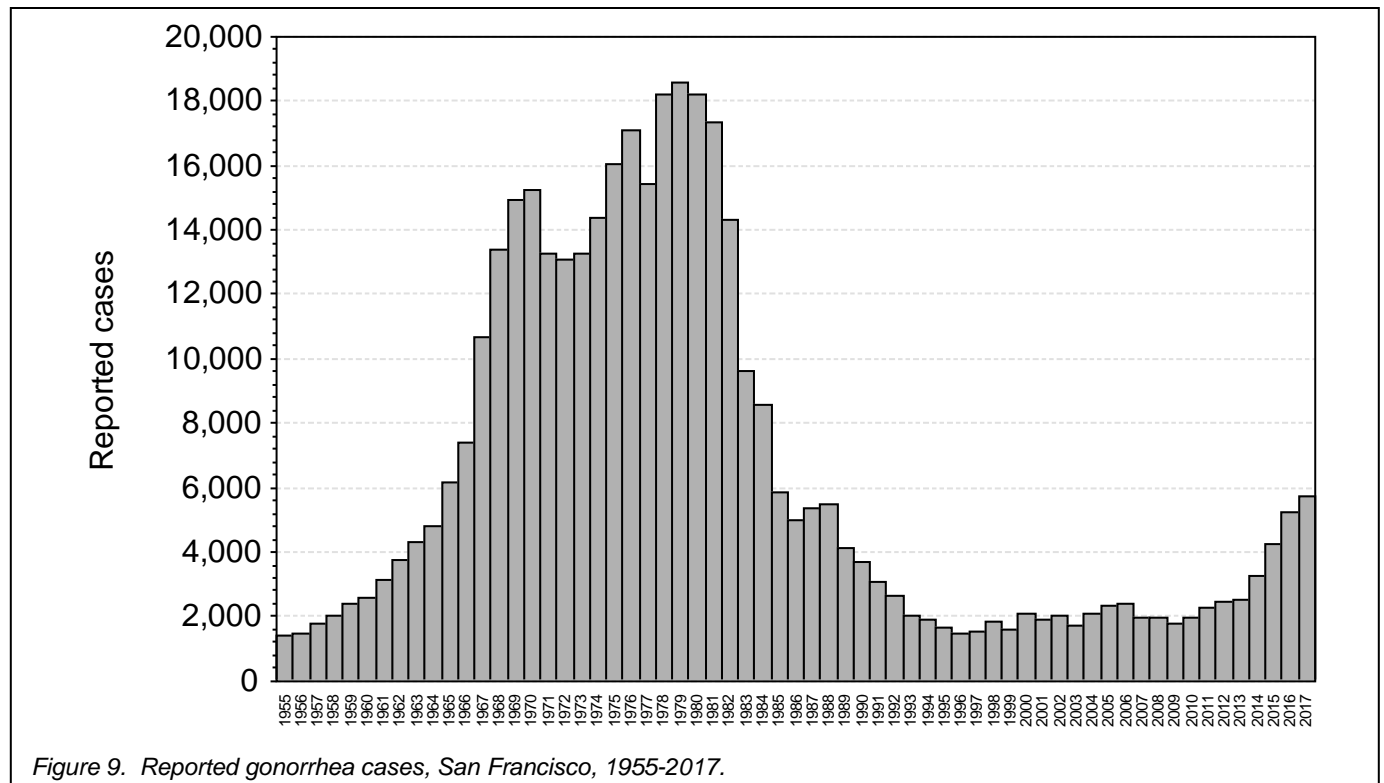
Figure 8. Comparison of trends in chlamydia 2013-2017, San Francisco MSA vs. Los Angeles MSA, New York MSA, total California and total U.S.

Table 2. Chlamydia cases by health care provider, San Francisco, 2013-2017. See Introduction for list of abbreviations used.

	Reported cases					Percent of reports				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
OOJ PROVIDERS	390	440	628	746	893	7.6%	7.3%	8.6%	9.1%	9.8%
CITY CLINIC	835	792	886	928	900	16.4%	13.2%	12.2%	11.4%	9.8%
SFHN CLINICS (SFDPH)	500	487	501	514	568	9.8%	8.1%	6.9%	6.3%	6.2%
JAIL HEALTH (SFDPH)	143	154	140	174	161	2.8%	2.5%	1.9%	2.1%	1.7%
SFDPH OUTREACH	35	30	24	25	5	0.6%	0.5%	0.3%	0.3%	0.0%
CC/CBO	528	645	686	836	826	10.3%	10.7%	9.4%	10.3%	9.0%
HOSPITALS	996	1,419	1,911	2,150	2,403	19.5%	23.7%	26.4%	26.4%	26.4%
RESEARCH	23	29	4	18	26	0.4%	0.4%	0.0%	0.2%	0.2%
STUDENT HEALTH	134	99	101	95	165	2.6%	1.6%	1.3%	1.1%	1.8%
ONLINE	0	0	0	0	59	0.0%	0.0%	0.0%	0.0%	0.6%
PRIVATE - ADULT	144	163	220	256	331	2.8%	2.7%	3.0%	3.1%	3.6%
PRIVATE - FAMILY MEDICINE	51	38	26	40	43	1.0%	0.6%	0.3%	0.4%	0.4%
PRIVATE - MULTI- SPECIALTY	118	255	543	748	920	2.3%	4.2%	7.5%	9.2%	10.1%
PRIVATE - OB/GYN	116	120	122	119	127	2.2%	2.0%	1.6%	1.4%	1.3%
PRIVATE - PEDIATRICS	8	4	8	4	3	0.1%	0.0%	0.1%	0.0%	0.0%
PRIVATE - URGENT CARE	41	54	94	153	313	0.8%	0.9%	1.2%	1.8%	3.4%
MAGNET	783	937	1,053	1,019	1,084	15.3%	15.6%	14.5%	12.5%	11.9%
SFAF PROGRAMS (NOT MAGNET)	1	0	3	8	22	0.0%	0.0%	0.0%	0.0%	0.2%
SUBSTANCE USE TREAT- MENT	5	18	20	27	4	0.0%	0.3%	0.2%	0.3%	0.0%
PRIVATE - OTHER	235	290	261	256	241	4.6%	4.8%	3.6%	3.1%	2.6%
(ALL PROVIDERS)	5,086	5,974	7,231	8,116	9,094	100%	100%	100%	100%	100%

Gonorrhea

- There were 5,754 cases of gonorrhea reported among San Francisco residents in 2017; the rate was 714.6 cases per 100,000 residents per year.
 - Percent increase in rate between 2016 and 2017 = 10.4%
 - Percent increase in rate between 2013 and 2017 = 128.2%
- Key provider trends include:
 - Though San Francisco City Clinic diagnosed 16.5 percent of all reported gonorrhea cases and Magnet at Strut reported 18.8 percent, they each have been reporting a decreasing proportion each year for the past 5 years.
 - Hospitals, on the other hand, have in the past 2 years diagnosed the most cases (24.2 percent in 2017).
 - Private-Multi-Specialty clinics are diagnosing a greater burden – 10.0 percent of all cases in 2017.
 - OOJ providers (see Chlamydia section for definition) reported nearly 6.3 percent of gonorrhea cases in 2017, an increase over the 2.8 percent of reports they submitted in 2013.
- The gonorrhea rate for the San Francisco MSA in 2017 continued to exceed those for the Los Angeles MSA, the New York MSA, the state of California and the United States as a whole.



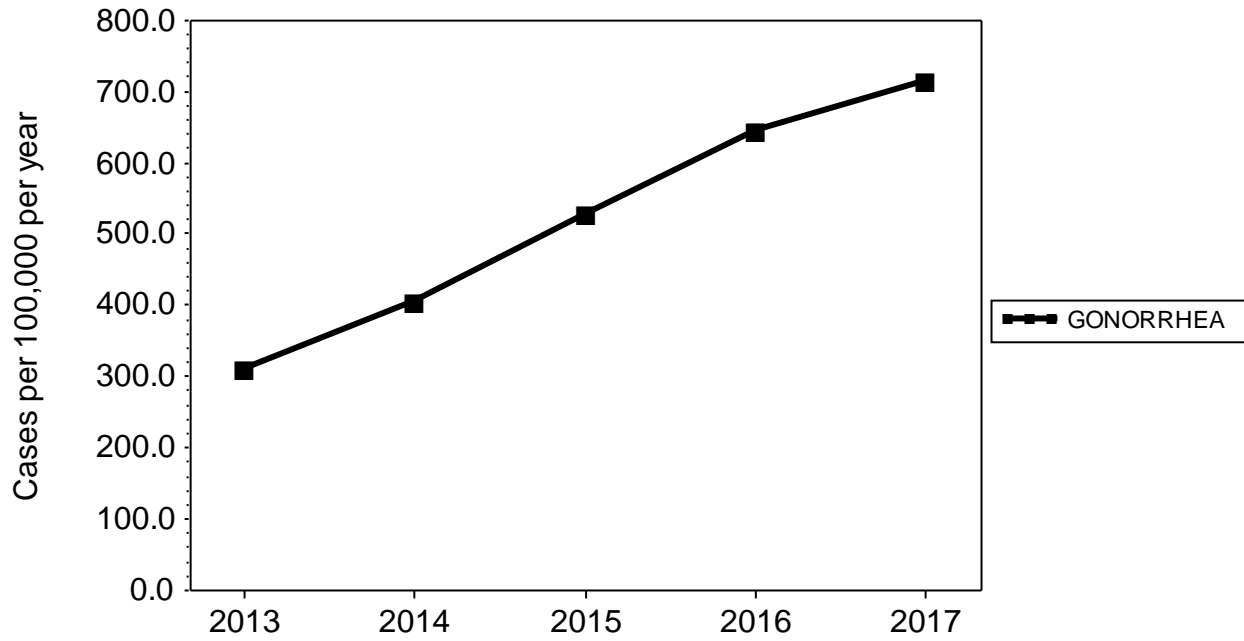


Figure 10. Gonorrhea rate, San Francisco, 2013-2017.

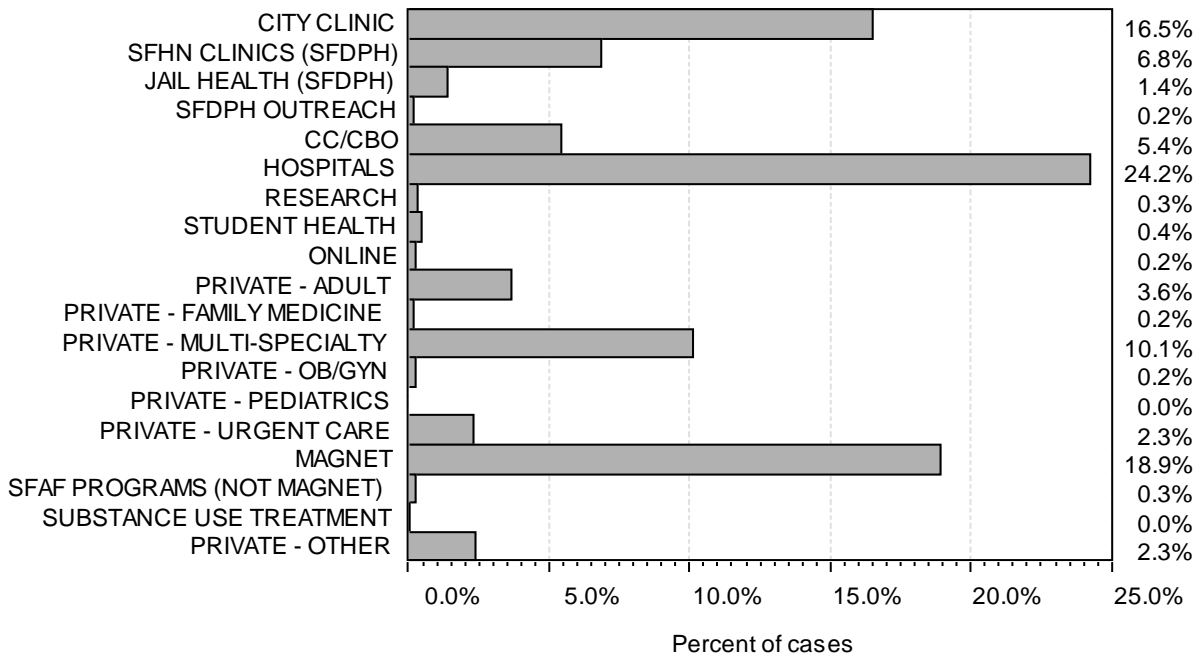


Figure 11. Gonorrhea cases by health care provider for 2017. "Jails" includes cases from both adult and adolescent detention facilities. Not included: 367 cases reported by providers outside San Francisco jurisdiction. See Introduction for list of abbreviations used.

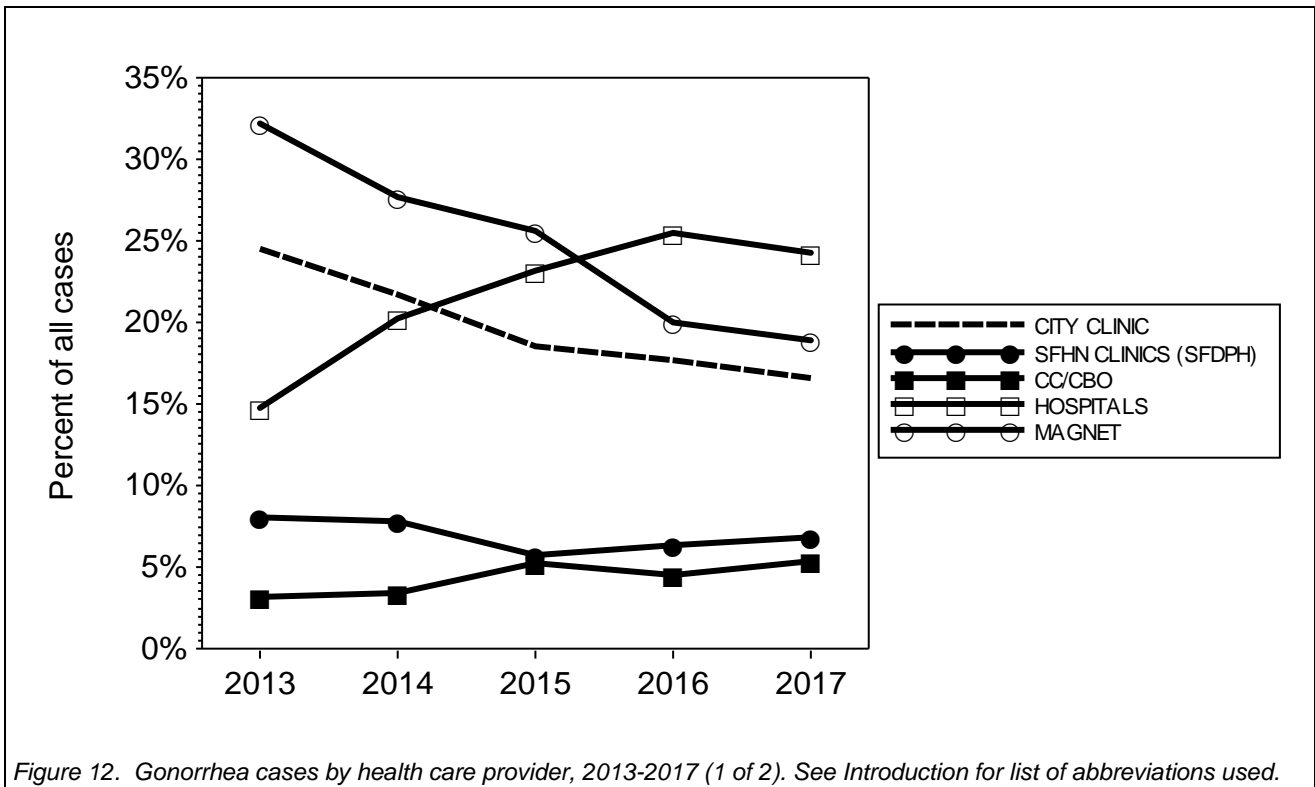


Figure 12. Gonorrhea cases by health care provider, 2013-2017 (1 of 2). See Introduction for list of abbreviations used.

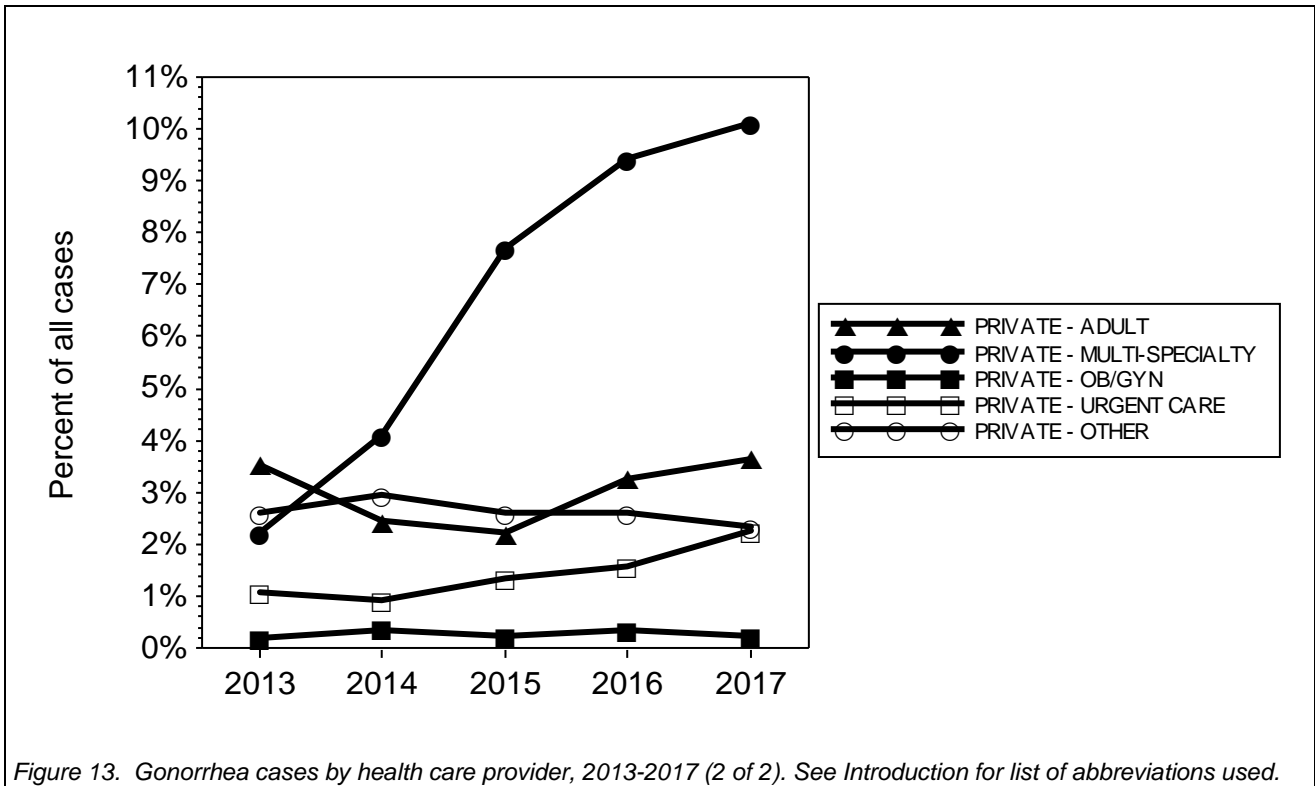


Figure 13. Gonorrhea cases by health care provider, 2013-2017 (2 of 2). See Introduction for list of abbreviations used.

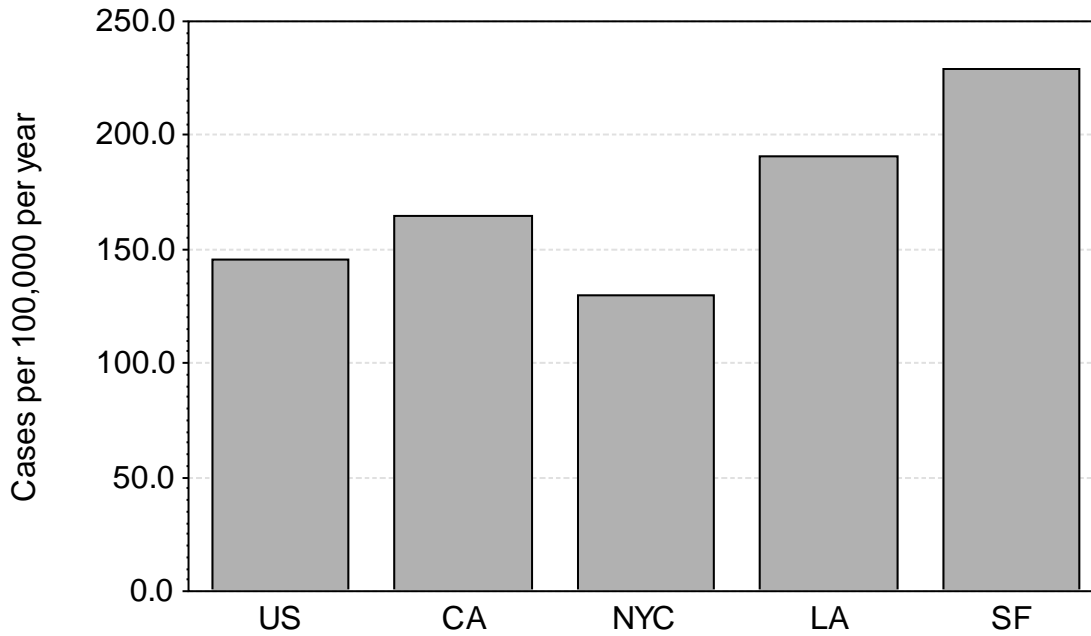


Figure 14. Regional gonorrhea rates compared for 2017, San Francisco vs. Los Angeles MSA, New York MSA, total California and total U.S.

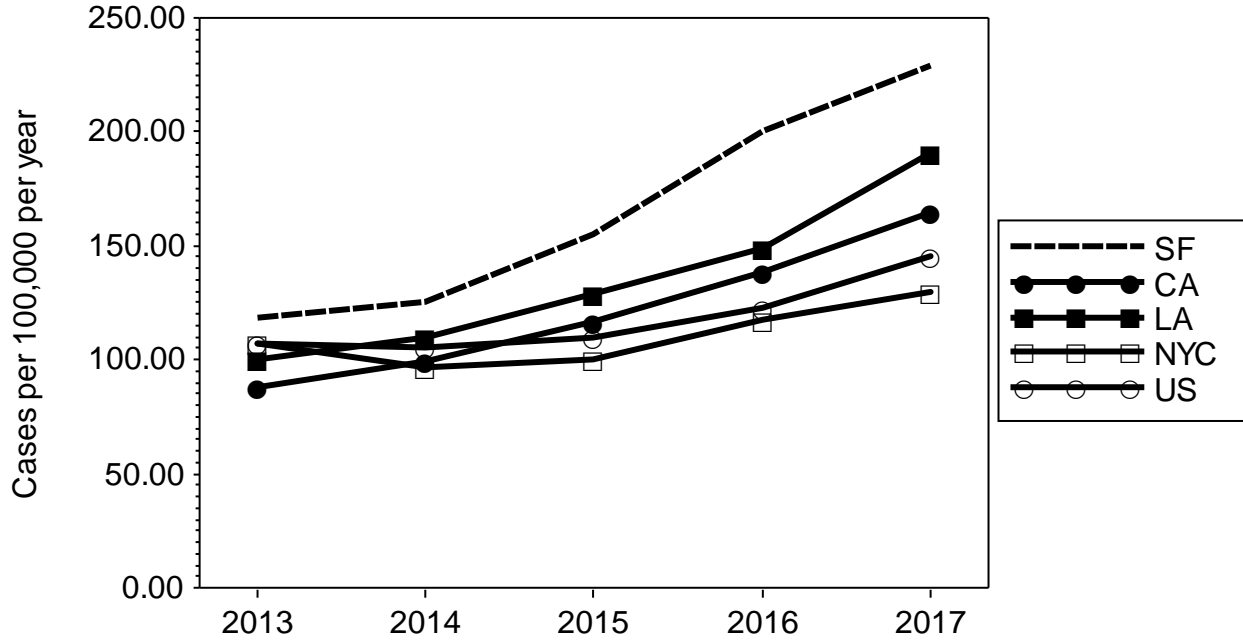


Figure 15. Trends in regional gonorrhea rates compared for 2013-2017, San Francisco MSA vs. Los Angeles MSA, New York MSA, total California and total U.S.

Table 3. Gonorrhea cases by health care provider, San Francisco, 2013-2017. See Introduction for list of abbreviations used.

	Reported cases					Percent of reports				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
OOJ PROVIDERS	73	126	170	295	367	2.8%	3.8%	3.9%	5.6%	6.3%
CITY CLINIC	619	710	790	922	951	24.5%	21.6%	18.5%	17.6%	16.5%
SFHN CLINICS (SFDPH)	203	255	245	332	394	8.0%	7.7%	5.7%	6.3%	6.8%
JAIL HEALTH (SFDPH)	27	81	79	74	81	1.0%	2.4%	1.8%	1.4%	1.4%
PRIVATE CLINIC/PMD	0	0	0	1	0	0.0%	0.0%	0.0%	0.0%	0.0%
SFDPH OUTREACH	38	23	26	26	11	1.5%	0.7%	0.6%	0.4%	0.1%
CC/CBO	79	111	221	238	311	3.1%	3.3%	5.1%	4.5%	5.4%
HOSPITALS	373	664	986	1,326	1,393	14.7%	20.2%	23.1%	25.4%	24.2%
RESEARCH	12	19	14	6	20	0.4%	0.5%	0.3%	0.1%	0.3%
STUDENT HEALTH	19	8	11	12	25	0.7%	0.2%	0.2%	0.2%	0.4%
ONLINE	0	0	0	2	14	0.0%	0.0%	0.0%	0.0%	0.2%
PRIVATE - ADULT	89	80	94	170	210	3.5%	2.4%	2.2%	3.2%	3.6%
PRIVATE - FAMILY MEDICINE	17	17	8	14	12	0.6%	0.5%	0.1%	0.2%	0.2%
PRIVATE - MULTI- SPECIALTY	56	134	328	490	581	2.2%	4.0%	7.6%	9.4%	10.0%
PRIVATE - OB/GYN	5	12	10	19	14	0.1%	0.3%	0.2%	0.3%	0.2%
PRIVATE - PEDIATRICS	0	0	0	1	0	0.0%	0.0%	0.0%	0.0%	0.0%
PRIVATE - URGENT CARE	27	30	57	81	131	1.0%	0.9%	1.3%	1.5%	2.2%
MAGNET	810	906	1,092	1,042	1,087	32.1%	27.6%	25.6%	19.9%	18.8%
SFAF PROGRAMS (NOT MAGNET)	3	1	1	2	16	0.1%	0.0%	0.0%	0.0%	0.2%
SUBSTANCE USE TREAT- MENT	5	6	17	23	1	0.1%	0.1%	0.3%	0.4%	0.0%
PRIVATE - OTHER	66	97	111	135	135	2.6%	2.9%	2.6%	2.5%	2.3%
(ALL PROVIDERS)	2,521	3,280	4,260	5,211	5,754	100%	100%	100%	100%	100%

Syphilis

- Because a substantial proportion of persons with infectious primary and secondary (P&S) syphilis do not seek medical attention or are not correctly diagnosed as such, data on early syphilis (defined as early latent and P&S syphilis cases) presumably reflects the true incidence of syphilis more accurately than does reporting of P&S syphilis alone.
- There were 1,453 cases of early syphilis reported among San Francisco residents in 2017; the rate was 180.4 cases per 100,000 residents per year. Of these, 582 were P&S cases, for a P&S rate of 72.3.
 - Primary and Secondary Syphilis
 - Percent increase in cases between 2016 and 2017 = 11.9%
 - Percent increase in cases between 2013 and 2017 = 17.8%
 - Early Syphilis
 - Percent increase in cases between 2016 and 2017 = 26.7%
 - Percent increase in cases between 2013 and 2017 = 43.7%
- While syphilis in San Francisco remains a disease predominantly among gay and other men who have sex with men, 29 of the 1,453 early syphilis cases were diagnosed in females, part of a steady increase in syphilis among females.
- San Francisco City Clinic, Magnet, Private-Multi-Specialty providers, and OOJ providers reported a noticeably higher proportion of early syphilis cases in 2017 than in 2016, whereas most other provider types reported a lower proportion.
- Early syphilis rates and P&S rates in the San Francisco MSA exceeded those for the Los Angeles MSA, the New York MSA, the state of California and the United States as a whole in 2017.

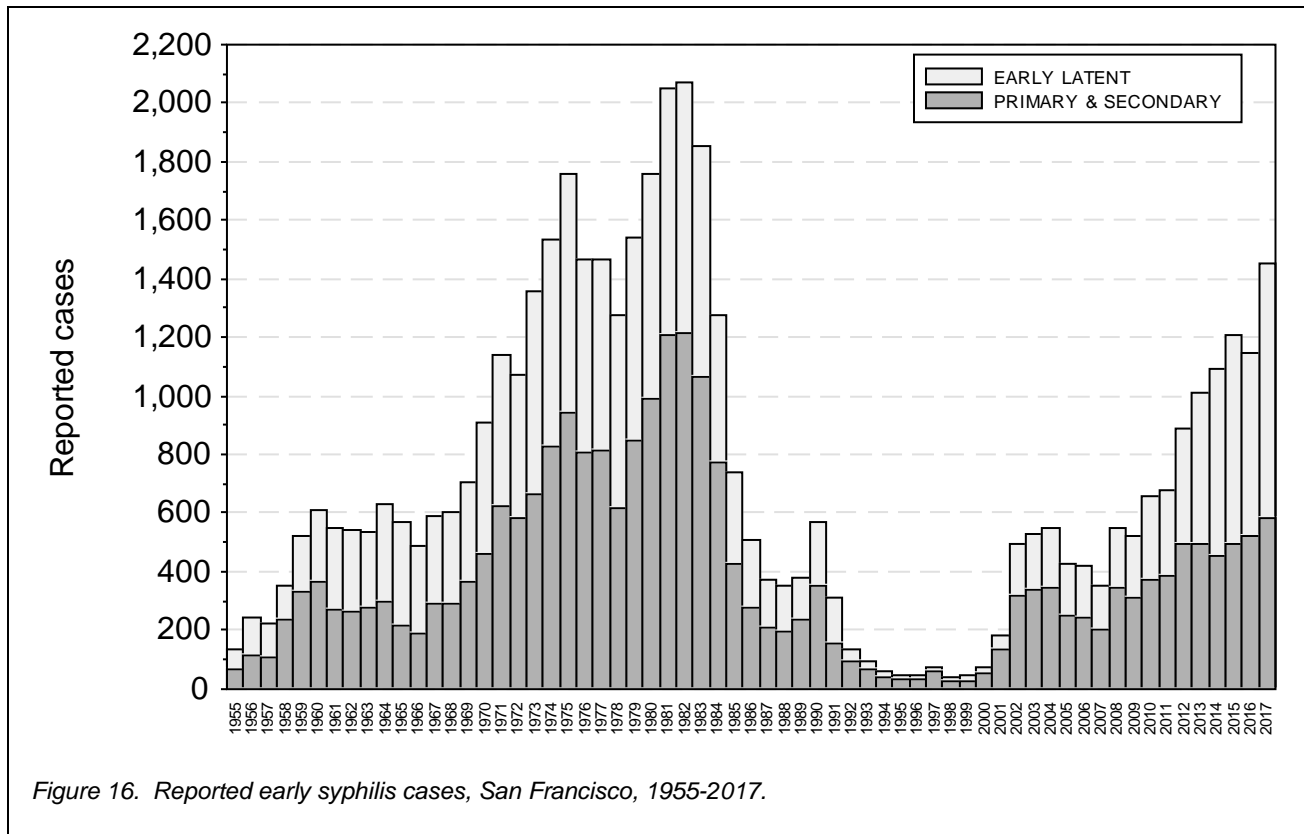
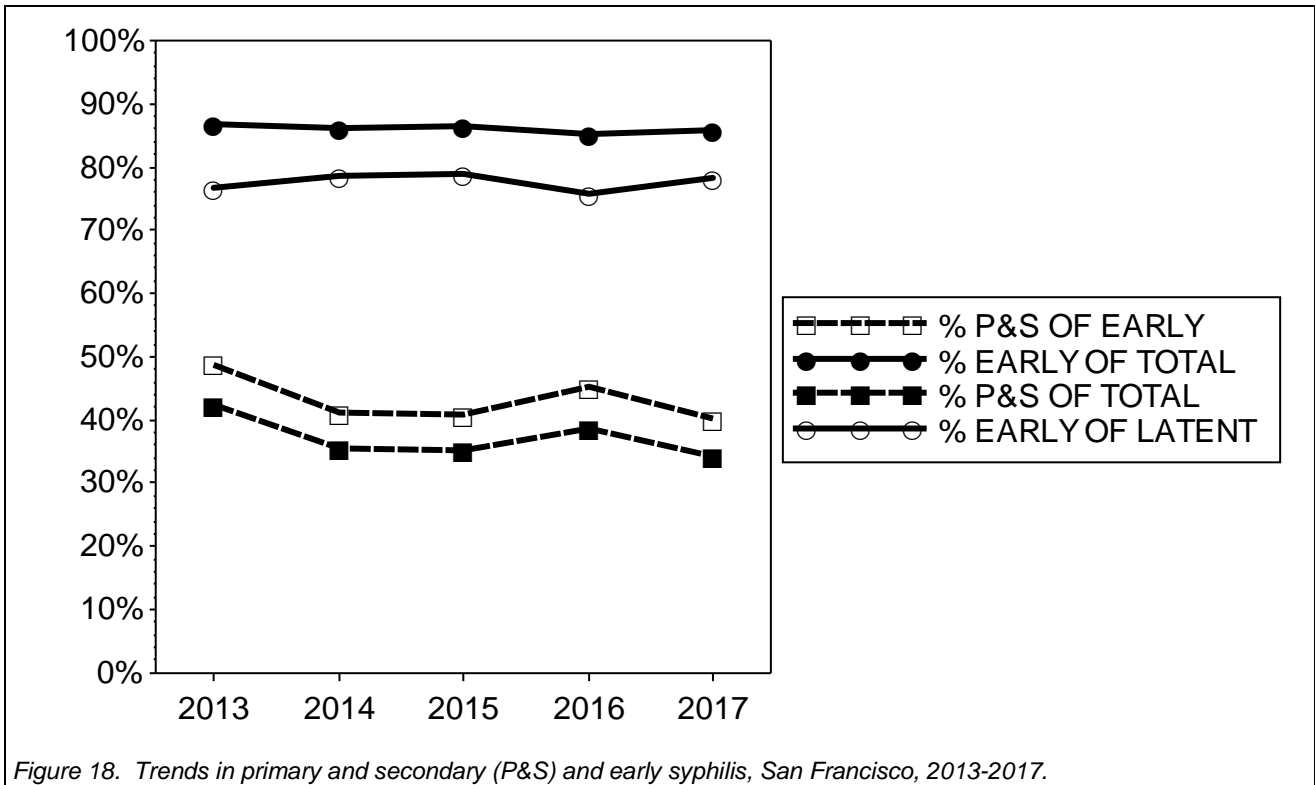
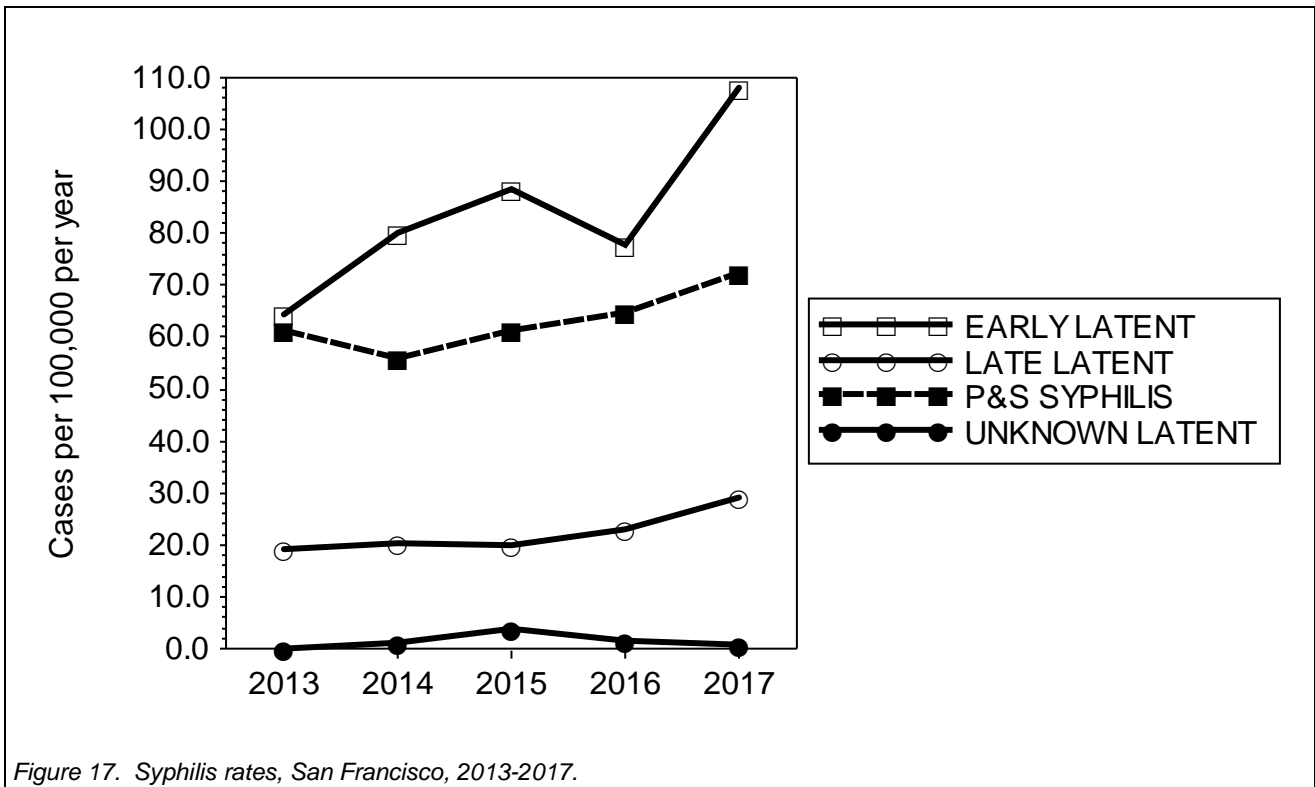


Figure 16. Reported early syphilis cases, San Francisco, 1955-2017.



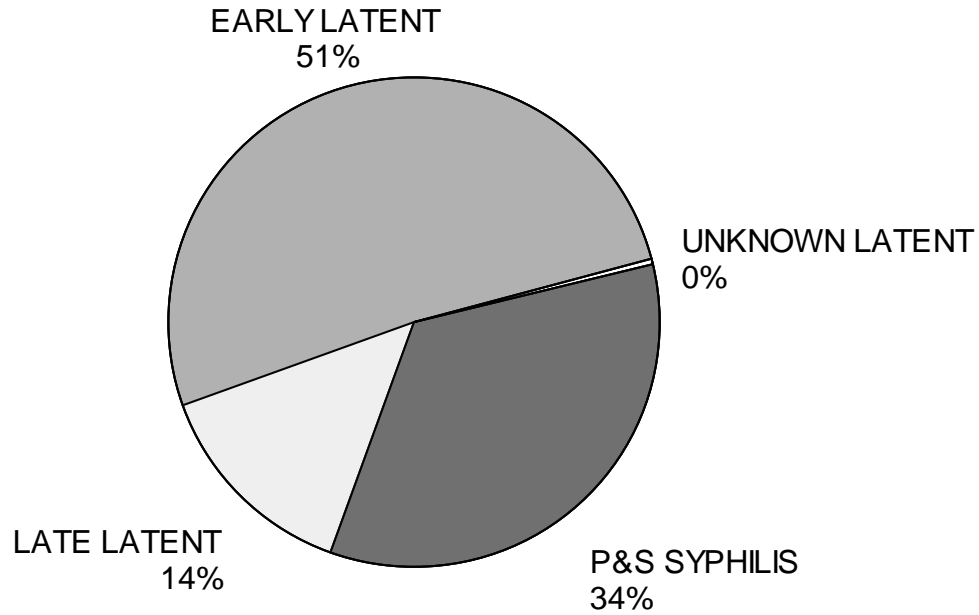


Figure 19. Syphilis cases by stage of disease, San Francisco, 2017.

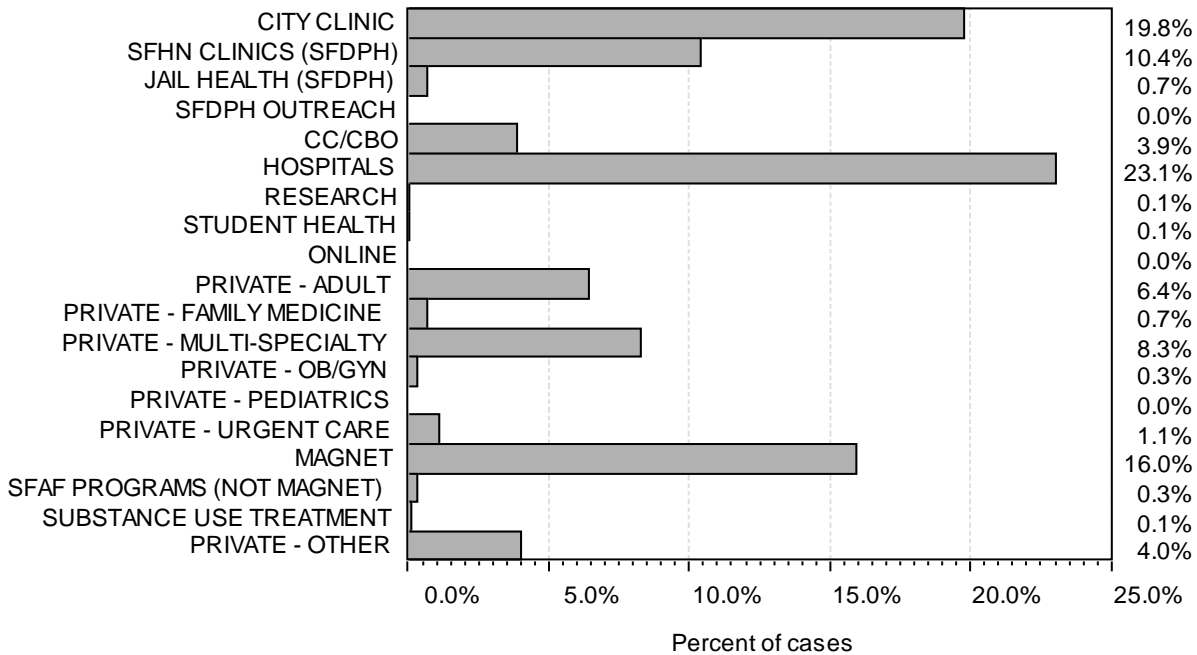


Figure 20. Early syphilis cases by health care provider for 2017. "Jails" includes cases from both adult and adolescent detention facilities. Not included: 71 cases reported by providers outside San Francisco jurisdiction. See Introduction for list of abbreviations used.

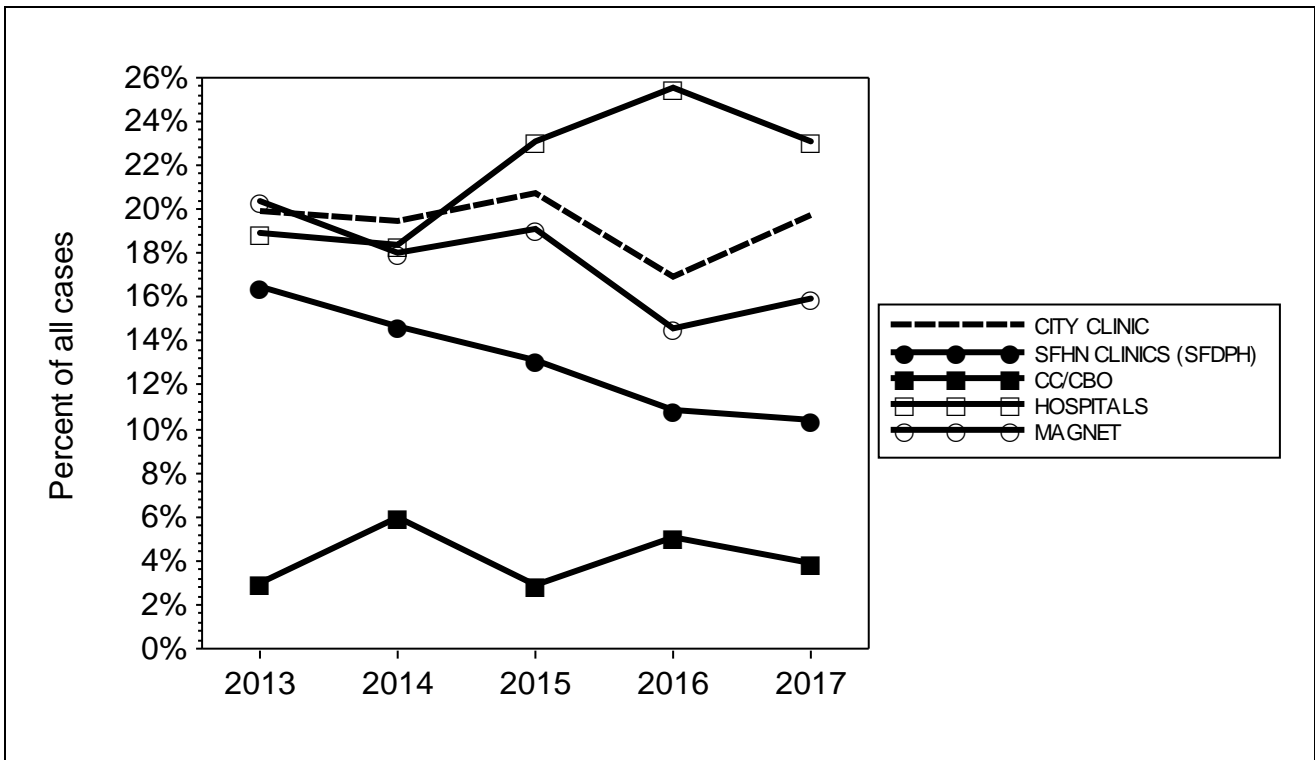


Figure 21. Early syphilis cases by health care provider, 2013-2017 (1 of 2). See Introduction for list of abbreviations used.

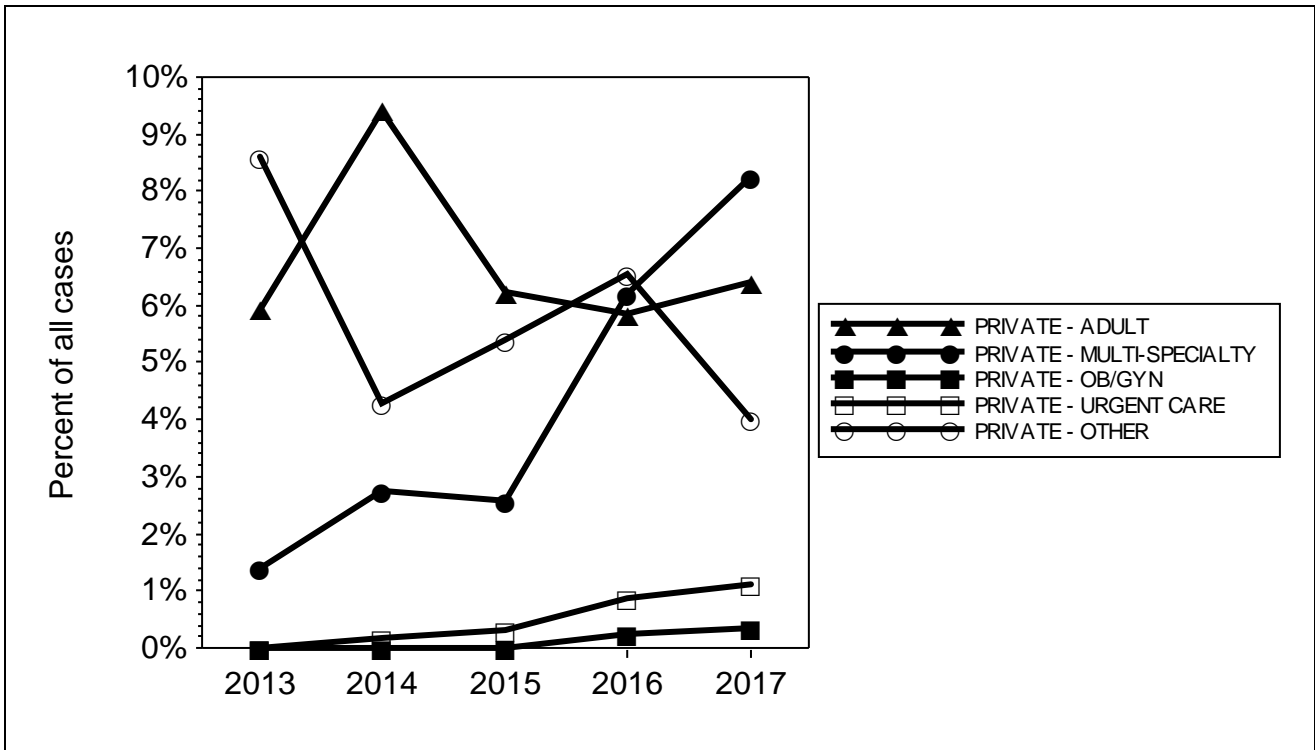


Figure 22. Early syphilis cases by health care provider, 2013-2017 (2 of 2). See Introduction for list of abbreviations used.

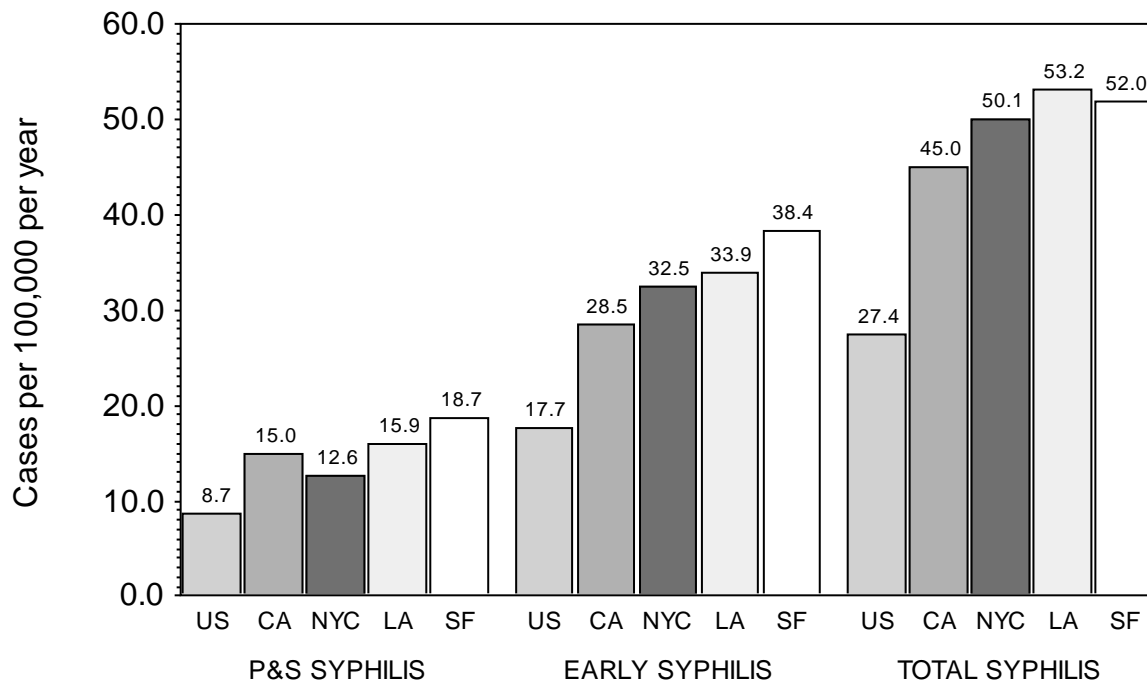


Figure 23. Regional syphilis rates compared for 2017, San Francisco vs. Los Angeles MSA, New York MSA, total California and total U.S.

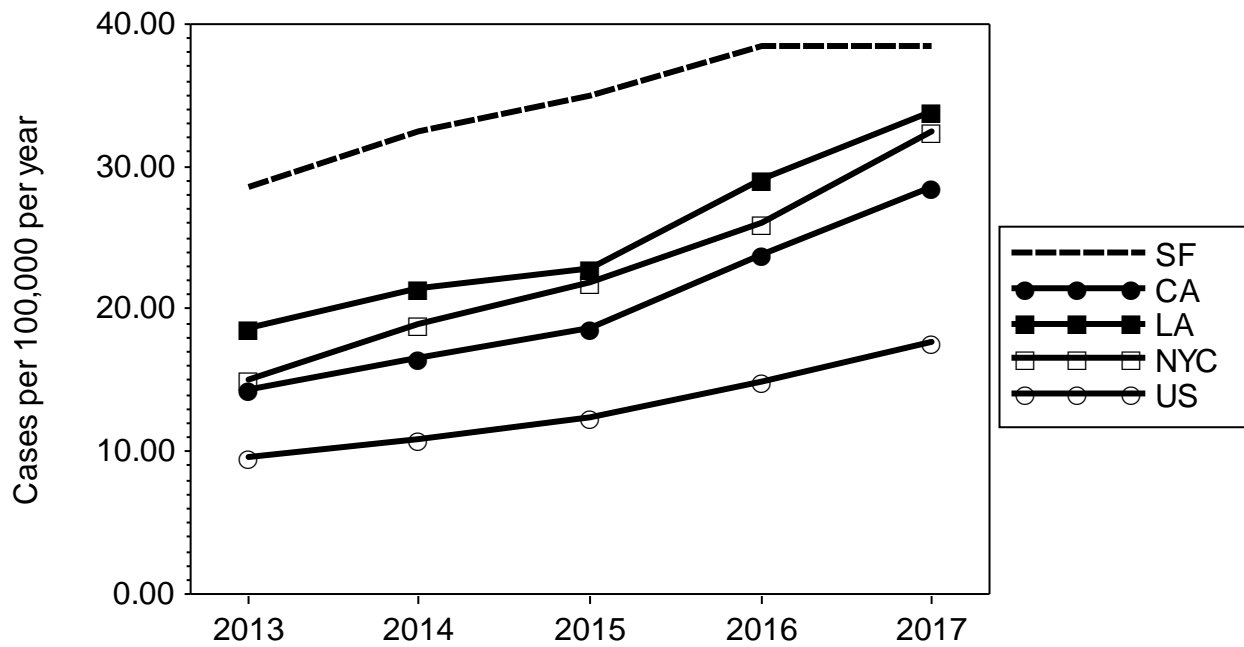
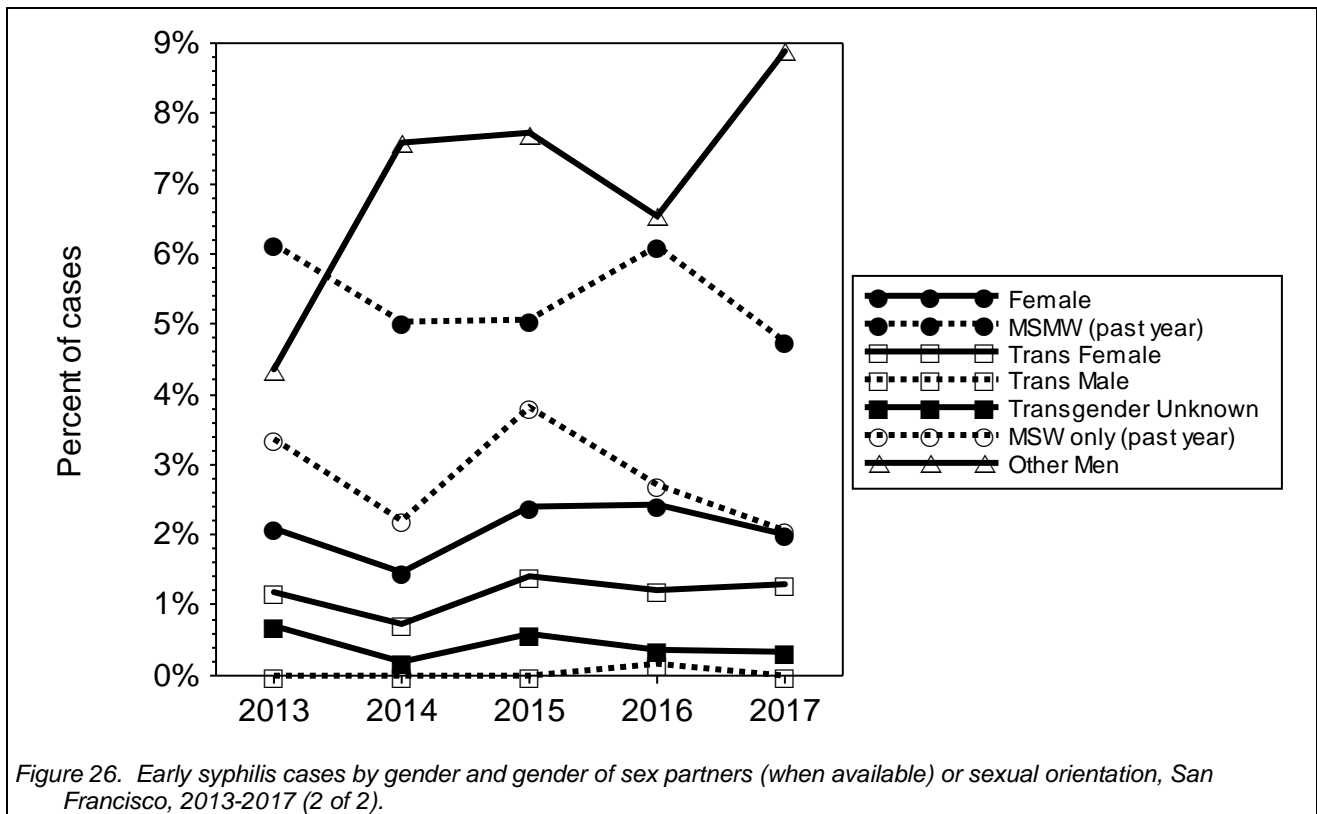
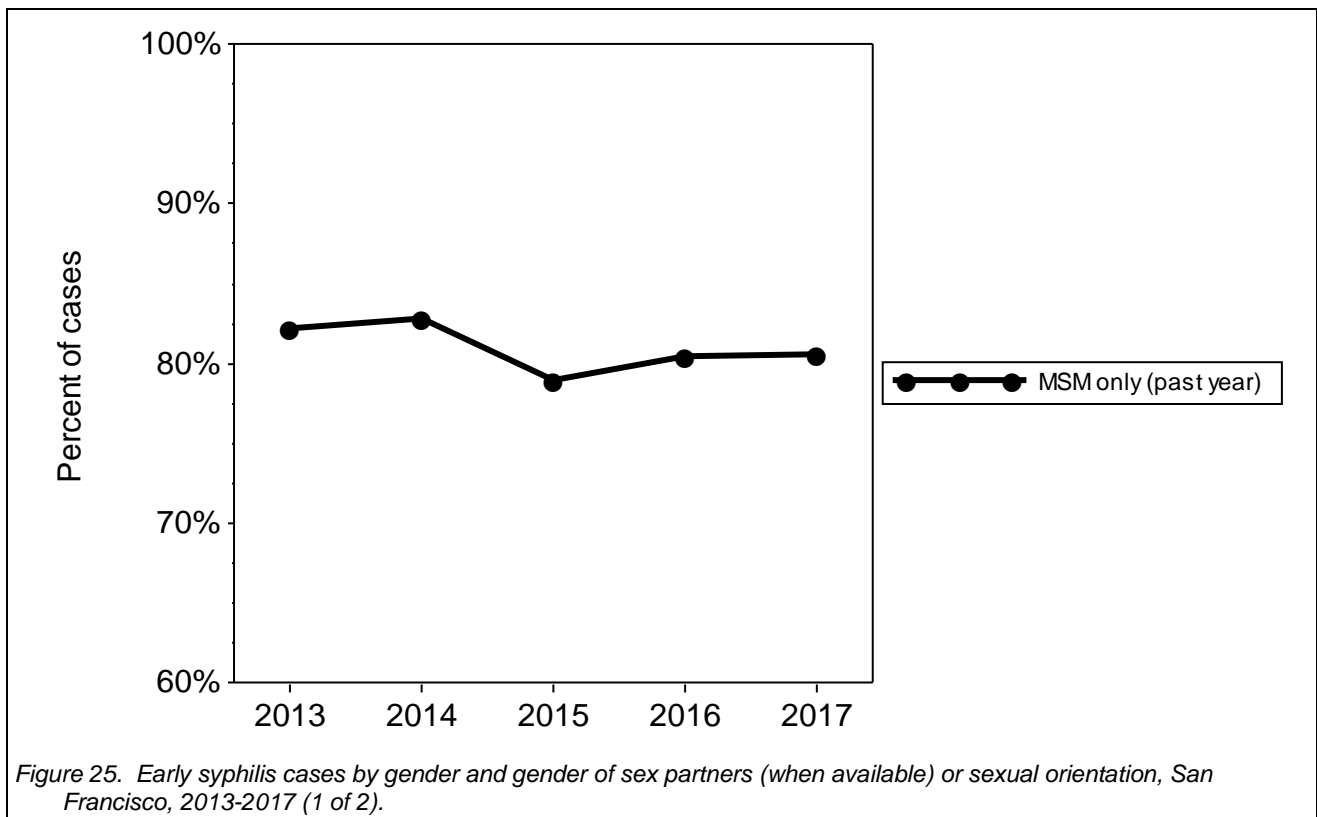
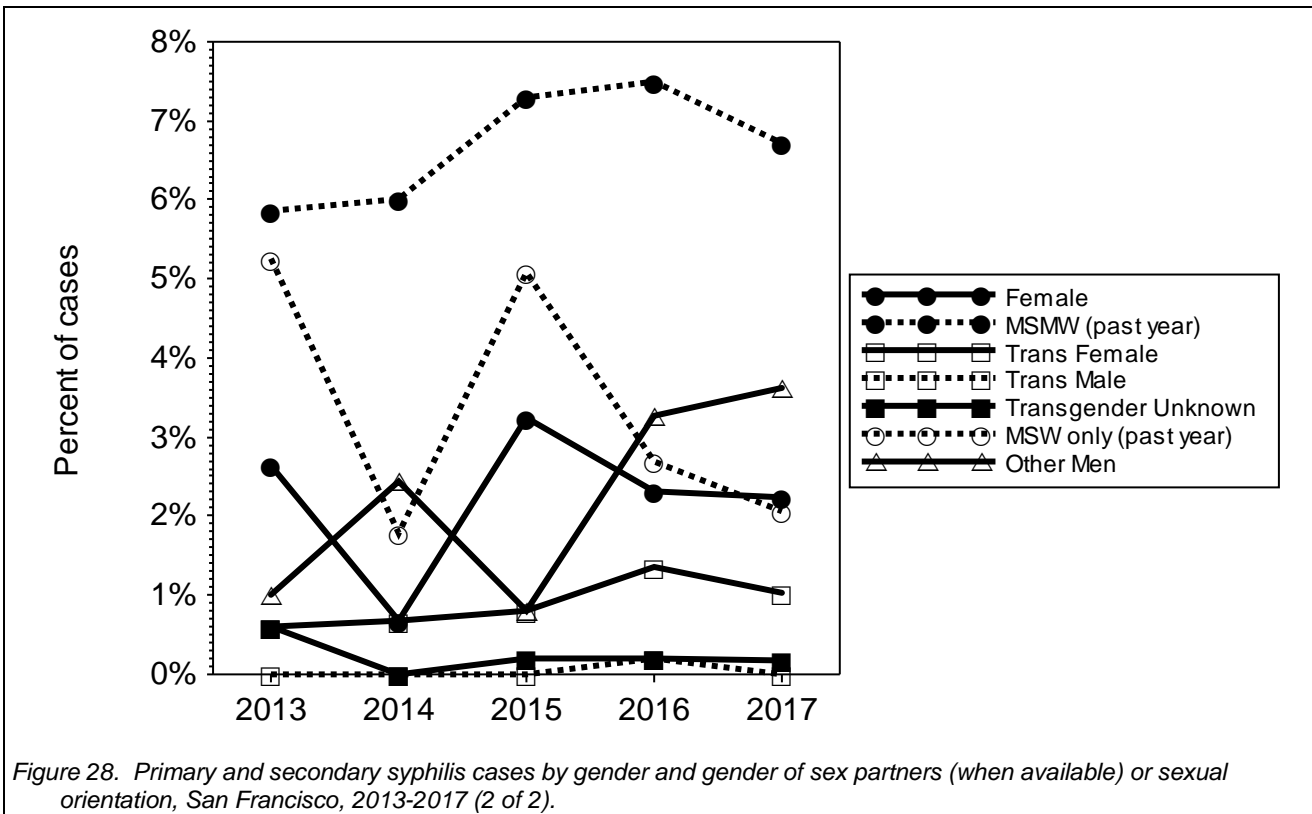
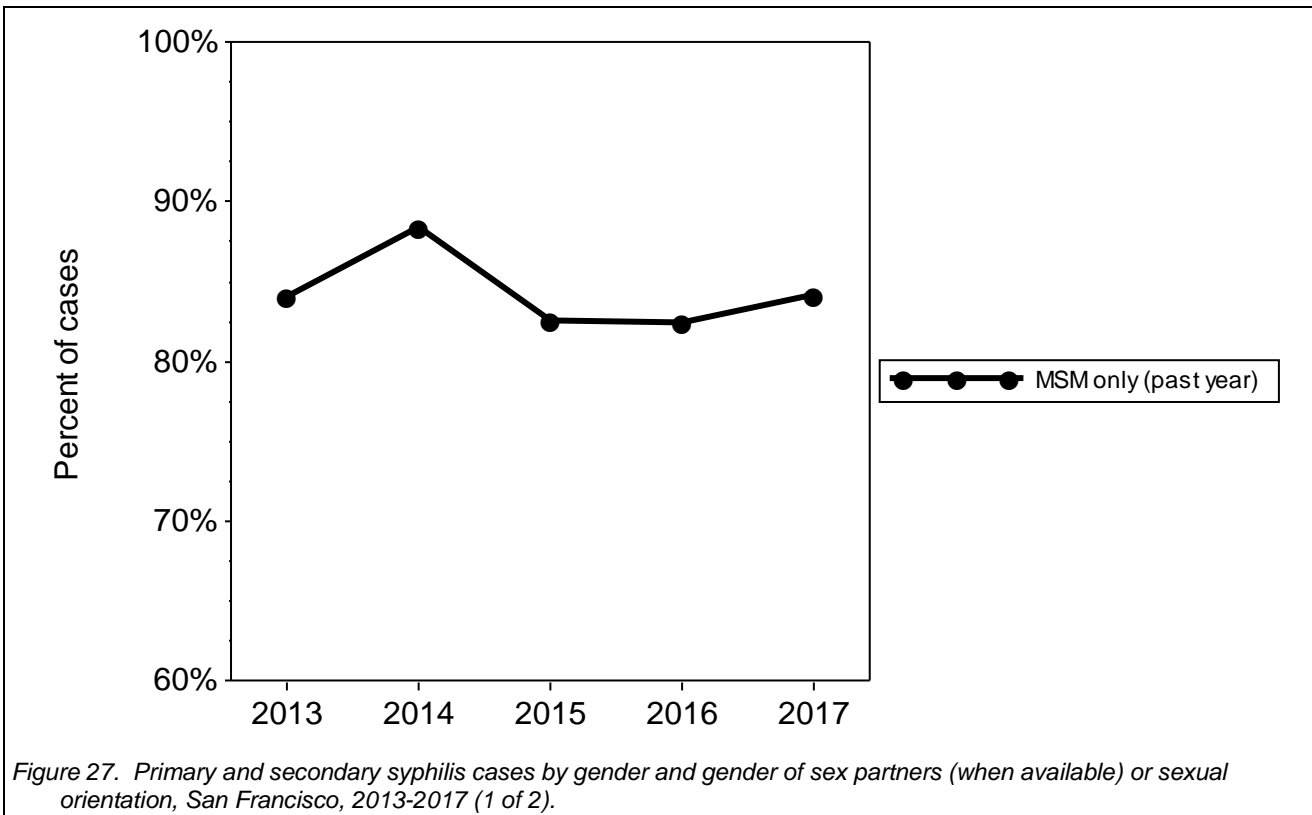


Figure 24. Trends in regional early syphilis rates compared for 2013-2017, San Francisco vs. Los Angeles MSA, New York MSA, total California and total U.S.





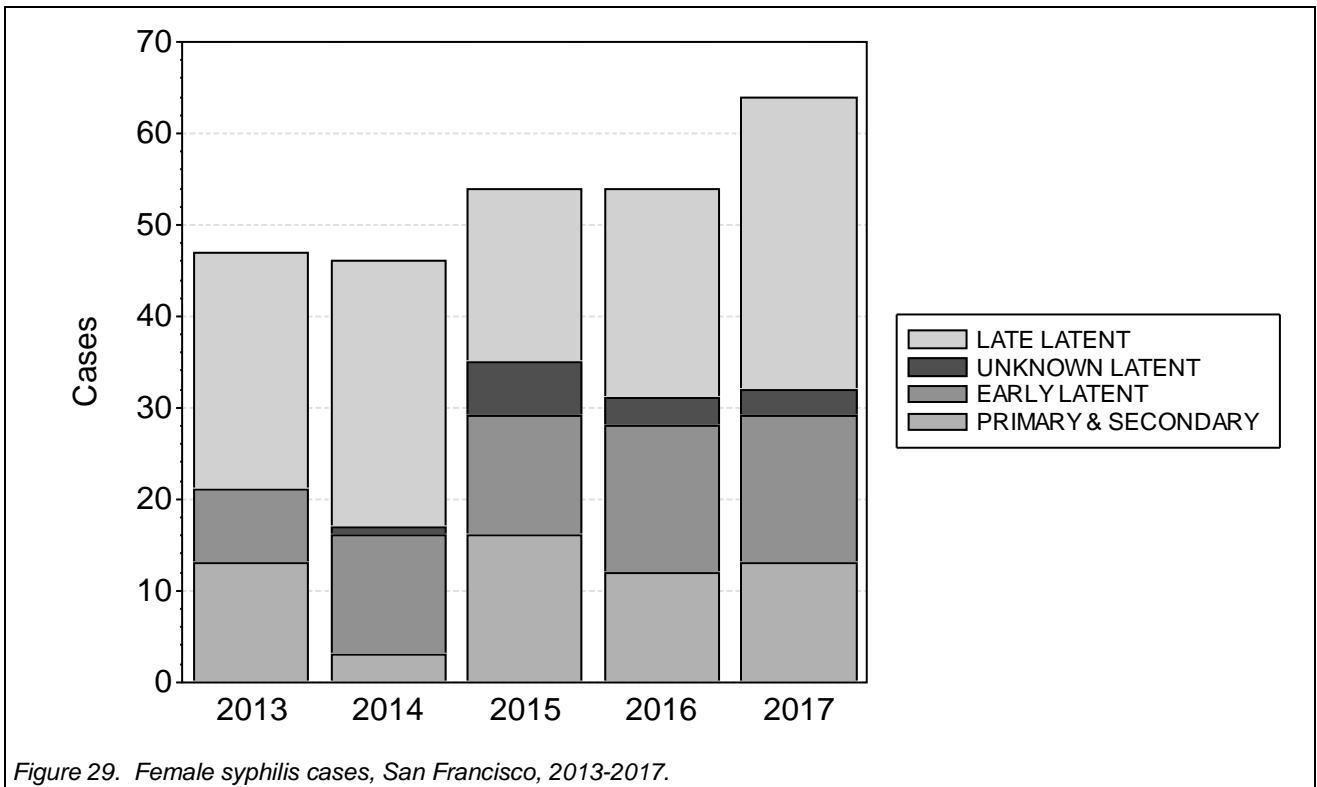


Figure 29. Female syphilis cases, San Francisco, 2013-2017.

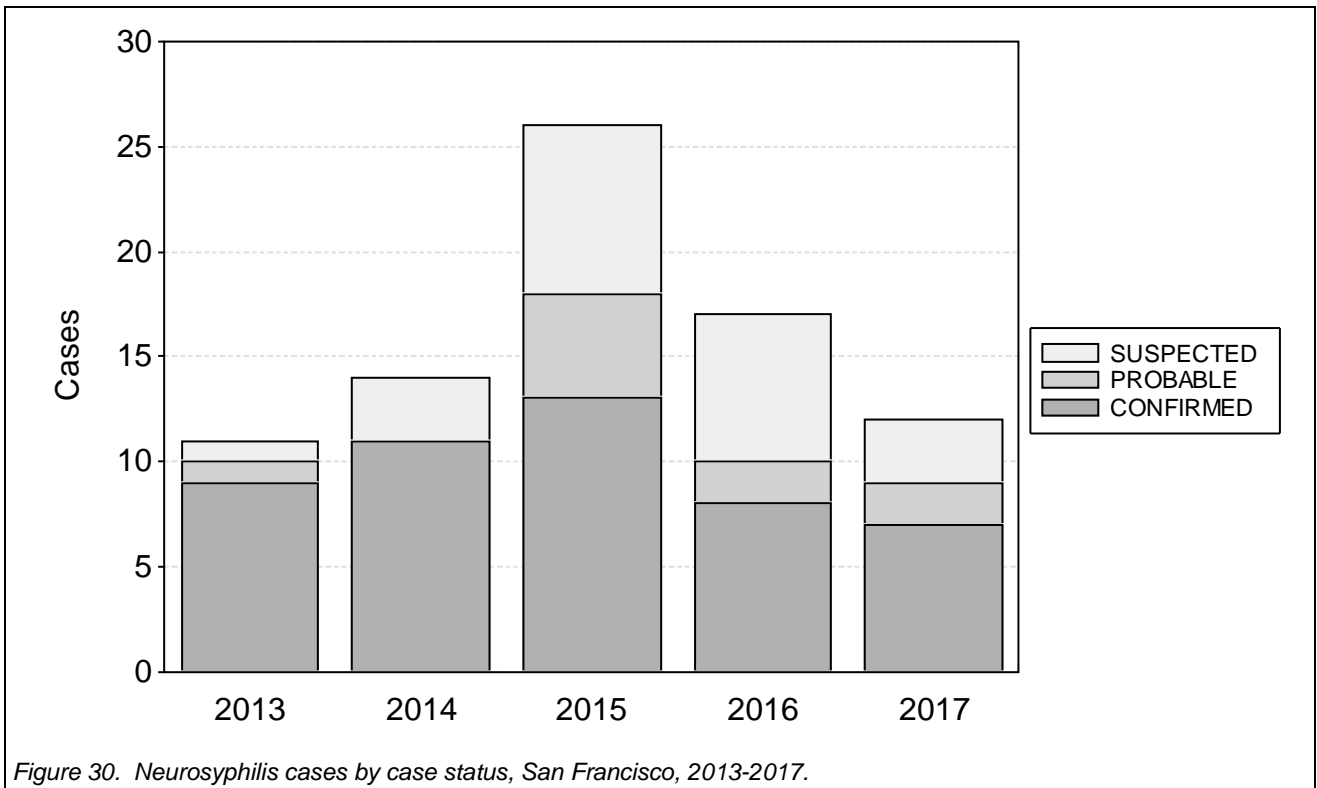


Figure 30. Neurosyphilis cases by case status, San Francisco, 2013-2017.

Table 4. Syphilis cases and rates by stage of disease, San Francisco, 2013-2017.

	Reported cases					Rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
P&S SYPHILIS	494	451	493	520	582	61.3	56.0	61.2	64.6	72.3
EARLY LATENT	517	644	713	627	871	64.2	80.0	88.5	77.9	108.2
(TOTAL EARLY SYPHILIS)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
UNKNOWN LATENT	1	10	32	14	6	0.1	1.2	4.0	1.7	0.7
LATE LATENT	155	165	159	185	235	19.2	20.5	19.7	23.0	29.2
NEUROSYPHILIS	11	14	26	17	12	1.4	1.7	3.2	2.1	1.5

Table 5. Early syphilis cases by health care provider, San Francisco, 2013-2017.

	Reported cases					Percent of reports				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
OOJ PROVIDERS	26	49	44	46	71	2.5%	4.4%	3.6%	4.0%	4.8%
CITY CLINIC	201	213	250	194	287	19.8%	19.4%	20.7%	16.9%	19.7%
SFHN CLINICS (SFDPH)	167	161	158	125	151	16.5%	14.7%	13.1%	10.8%	10.3%
JAIL HEALTH (SFDPH)	4	5	10	13	10	0.3%	0.4%	0.8%	1.1%	0.6%
SFDPH OUTREACH	5	4	4	2	0	0.4%	0.3%	0.3%	0.1%	0.0%
CC/CBO	30	65	35	58	56	2.9%	5.9%	2.9%	5.0%	3.8%
HOSPITALS	191	201	278	293	335	18.8%	18.3%	23.0%	25.5%	23.0%
RESEARCH	5	2	3	1	1	0.4%	0.1%	0.2%	0.0%	0.0%
STUDENT HEALTH	1	1	2	1	1	0.0%	0.0%	0.1%	0.0%	0.0%
ONLINE	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
PRIVATE - ADULT	60	103	75	67	93	5.9%	9.4%	6.2%	5.8%	6.4%
PRIVATE - FAMILY MEDICINE	9	10	2	5	10	0.8%	0.9%	0.1%	0.4%	0.6%
PRIVATE - MULTI- SPECIALTY	14	30	31	71	120	1.3%	2.7%	2.5%	6.1%	8.2%
PRIVATE - OB/GYN	0	0	0	3	5	0.0%	0.0%	0.0%	0.2%	0.3%
PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
PRIVATE - URGENT CARE	0	2	4	10	16	0.0%	0.1%	0.3%	0.8%	1.1%
MAGNET	206	197	230	167	232	20.3%	17.9%	19.0%	14.5%	15.9%
SFAF PROGRAMS (NOT MAGNET)	1	0	0	4	5	0.0%	0.0%	0.0%	0.3%	0.3%
SUBSTANCE USE TREAT- MENT	4	5	14	12	2	0.3%	0.4%	1.1%	1.0%	0.1%
PRIVATE - OTHER	87	47	65	75	58	8.6%	4.2%	5.3%	6.5%	3.9%
(ALL PROVIDERS)	1,011	1,095	1,205	1,147	1,453	100%	100%	100%	100%	100%

Table 6. Percentage of syphilis cases by stage of disease, San Francisco, 2013-2017.

	2013	2014	2015	2016	2017
P&S OF EARLY	48.9%	41.2%	40.9%	45.3%	40.1%
LATENT OF EARLY	51.1%	58.8%	59.1%	54.7%	59.9%
EARLY OF TOTAL	86.6%	86.2%	86.3%	85.2%	85.8%
P&S OF TOTAL	42.3%	35.5%	35.3%	38.6%	34.4%
EARLY OF LATENT	76.8%	78.6%	78.9%	75.9%	78.3%

Table 7. Syphilis cases by either gender and gender of sex partners (when available) or sexual orientation, San Francisco, 2013-2017.

Cases of P&S SYPHILIS										
	Cases					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Female	13	3	16	12	13	2.6	0.7	3.2	2.3	2.2
MSM only (past year)	415	398	407	429	488	84.0	88.2	82.6	82.5	83.8
MSMW (past year)	29	27	36	39	39	5.9	6.0	7.3	7.5	6.7
Trans Female	3	3	4	7	6	0.6	0.7	0.8	1.3	1.0
Trans Male	0	0	0	1	0	0	0	0	0.2	0
Transgender Unknown	3	0	1	1	1	0.6	0	0.2	0.2	0.2
MSW only (past year)	26	8	25	14	12	5.3	1.8	5.1	2.7	2.1
Other Men	5	11	4	17	21	1.0	2.4	0.8	3.3	3.6
Unknown	0	1	0	0	2	0	0.2	0	0	0.3

Cases of EARLY SYPHILIS										
	Cases					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Female	21	16	29	28	29	2.1	1.5	2.4	2.4	2.0
MSM only (past year)	831	906	953	922	1,169	82.2	82.7	79.0	80.4	80.5
MSMW (past year)	62	55	61	70	69	6.1	5.0	5.1	6.1	4.7
Trans Female	12	8	17	14	19	1.2	0.7	1.4	1.2	1.3
Trans Male	0	0	0	2	0	0	0	0	0.2	0
Transgender Unknown	7	2	7	4	5	0.7	0.2	0.6	0.3	0.3
MSW only (past year)	34	24	46	31	30	3.4	2.2	3.8	2.7	2.1
Other Men	44	83	93	75	129	4.4	7.6	7.7	6.5	8.9
Unknown	0	1	0	1	3	0	0.1	0	0.1	0.2

Table 8. Neurosyphilis cases by case status, San Francisco, 2013-2017.

	Reported cases				
	2013	2014	2015	2016	2017
CONFIRMED	9	11	13	8	7
PROBABLE	1	0	5	2	2
SUSPECTED	1	3	8	7	3
(TOTAL)	11	14	26	17	12

Table 9. Ocular and otic syphilis cases, San Francisco, 2013-2017.

	2013	2014	2015	2016	2017
Ocular syphilis cases	0	0	10	8	3
Otic syphilis cases	0	0	0	0	0

Congenital syphilis

- One congenital syphilis case (11.1/100,000 live births) was reported in San Francisco in 2017.
 - Although this count of cases is low, it is troubling because congenital syphilis is completely preventable with early testing and appropriate treatment of pregnant females.
 - Of the 29 female early syphilis cases reported in 2017, 1 was pregnant at the time of their diagnosis, while 24 were confirmed to not have been pregnant. The limitations of reporting requirements and surveillance does not enable us determine the pregnancy status of each female syphilis case or the outcome of each pregnancy.

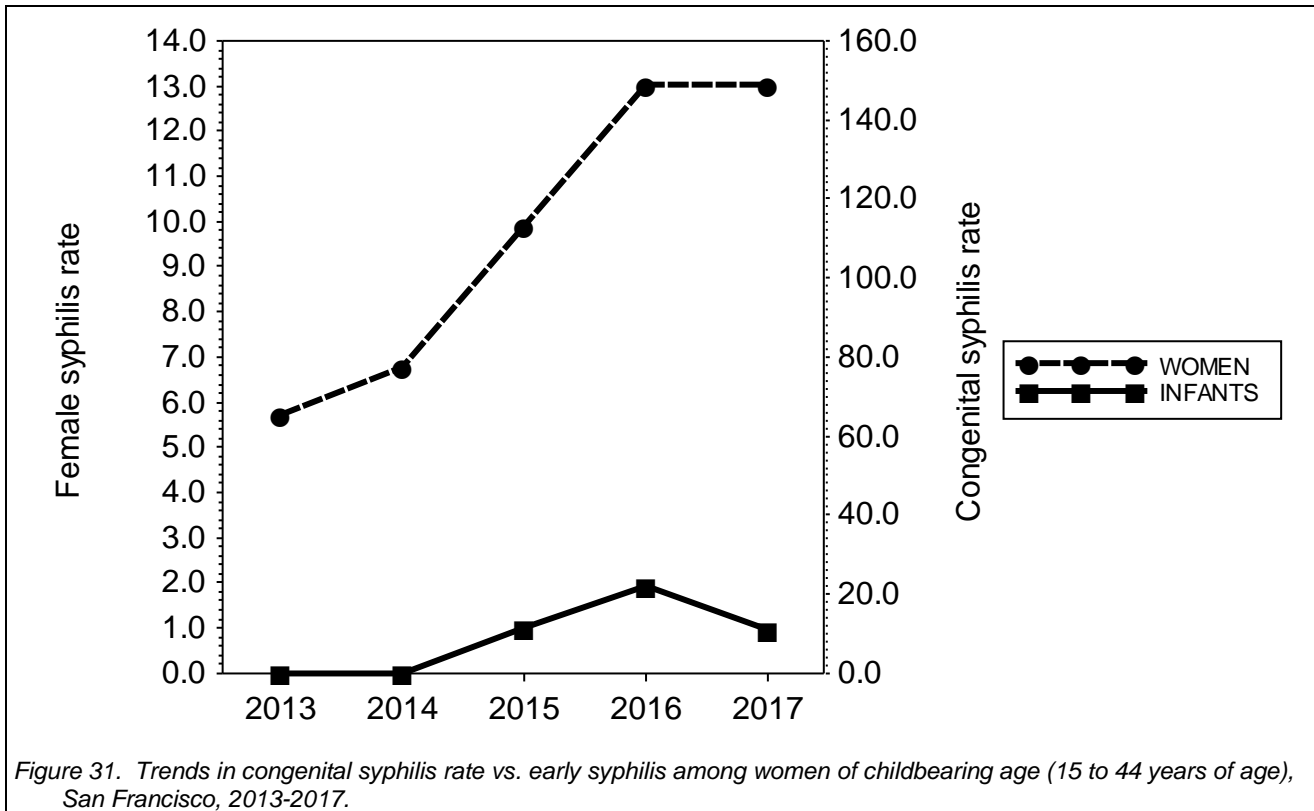


Table 10. Congenital syphilis (cases and stillbirths) by health care provider, San Francisco, 2013-2017.

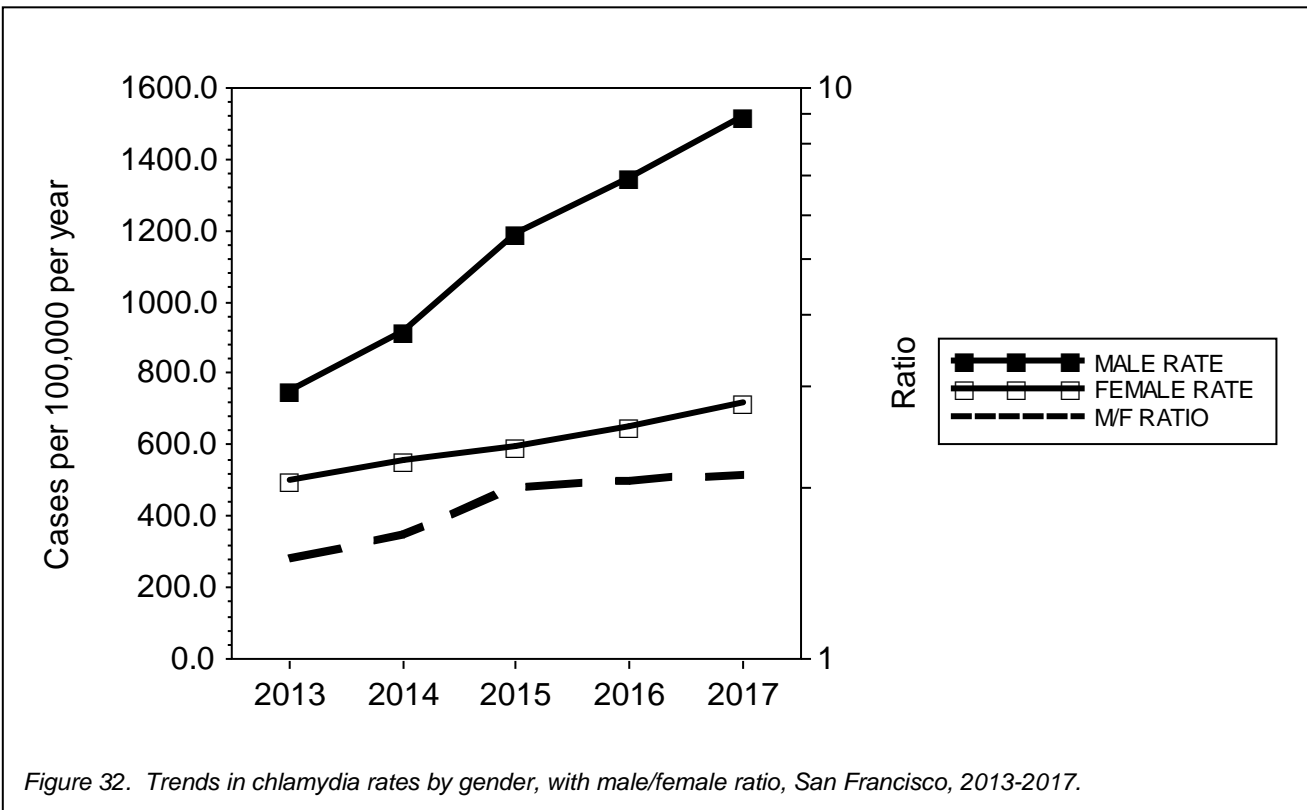
	Reported cases				
	2013	2014	2015	2016	2017
(OTHER PROVIDER)	0	0	0	0	0
OOJ PROVIDER	0	0	0	0	0
OTHER HOSPITAL	0	0	1	2	1
PMD	0	0	0	0	0
SFGH	0	0	0	0	0

Table 11. Pregnancy status of female syphilis cases, San Francisco, 2013-2017.

		Year of visit				
		2013	2014	2015	2016	2017
P&S SYPHILIS	All women	13	3	16	12	13
	PREGNANCY UNKNOWN	2	1	2	1	2
	NOT PREGNANT	10	2	13	10	11
	PREGNANT	1	0	1	1	0
EARLY SYPHILIS	All women	21	16	29	28	29
	PREGNANCY UNKNOWN	3	2	7	6	4
	NOT PREGNANT	17	11	19	20	24
	PREGNANT	1	3	3	2	1
UNKNOWN/LATE LATENT	All women	26	30	25	26	35
	PREGNANCY UNKNOWN	22	24	13	20	24
	NOT PREGNANT	3	4	11	5	10
	PREGNANT	1	2	1	1	1

Gender

- Chlamydia rates among males remain higher than rates among females, steadily increasing in the past years from a rate ratio of 1.50 in 2013 to 2.11 in 2017. The high rate of chlamydia among men in San Francisco is largely due to the prevalence of rectal and pharyngeal infections among men who have sex with men (Section starting page 89).
 - Rates among both males and females increased by over 10% from 2016 to 2017 (see Table 14).
- The gonorrhea male-to-female rate ratio of 8.0 was lower in 2017 than in 3 of the past 4 years, reflecting greater rate increases among females than males but infection rates are increasing among both groups. The gonorrhea rates in San Francisco are largely because of a high burden of disease among gay and other men who have sex with men.
 - Females experienced a nearly 28 percent increase in gonorrhea rate in 2017, compared to nearly 9.0 percent for males.
- Reported early syphilis cases in San Francisco in 2017 were 96.0 percent male, nearly 88% of whom reported at least 1 male sex partner or identified as gay or bisexual.
 - Though there was a moderate decline in rates among males from 2015 to 2016, the rate increased by 27.5 percent between 2016 and 2017.
- Data on STDs among transgender persons are very limited, but we continue to work on efforts to improve the quantity and quality of data collected citywide on transgender sexual health.
 - Please see the section on Transgender People seen at San Francisco City Clinic where standardized data collection methods on sexual orientation and gender identity have informed the growing information of the epidemiology of STDs among this group.



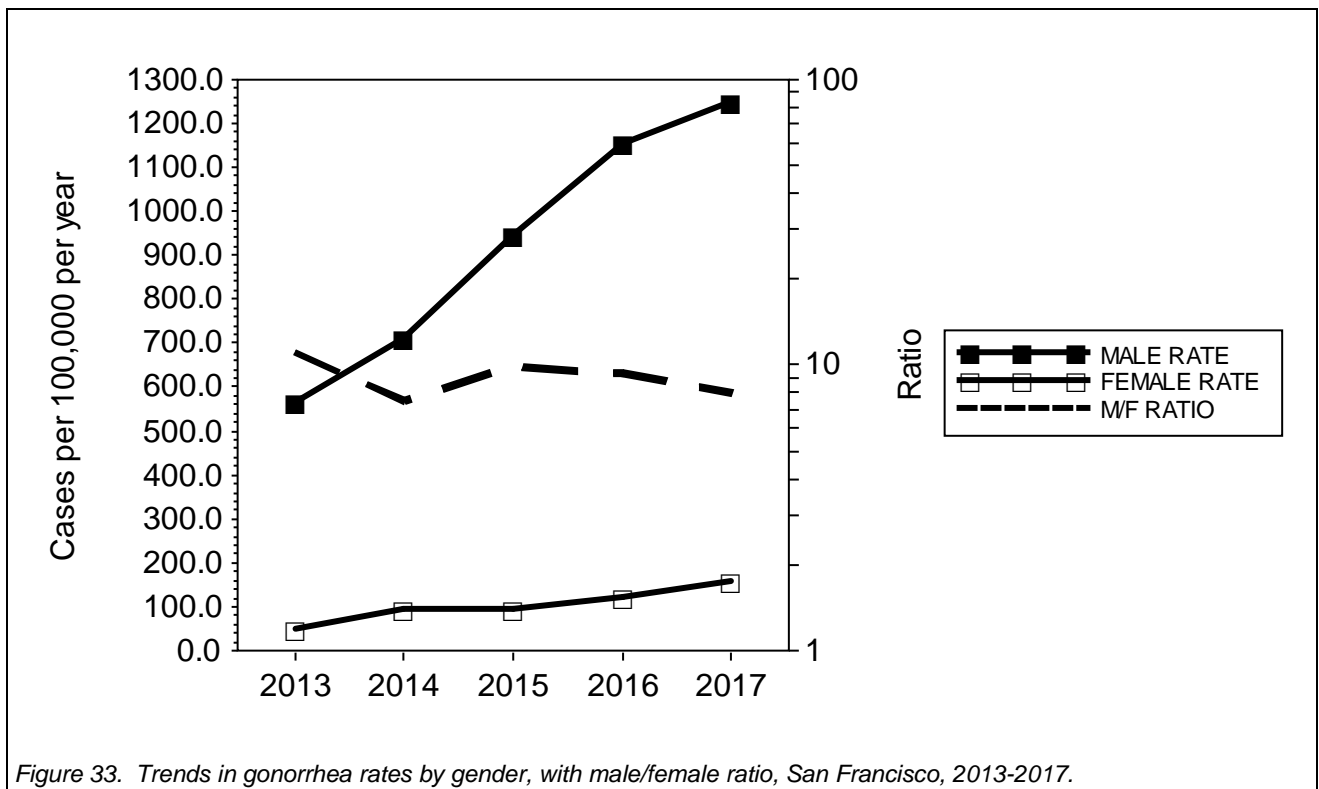


Figure 33. Trends in gonorrhea rates by gender, with male/female ratio, San Francisco, 2013-2017.

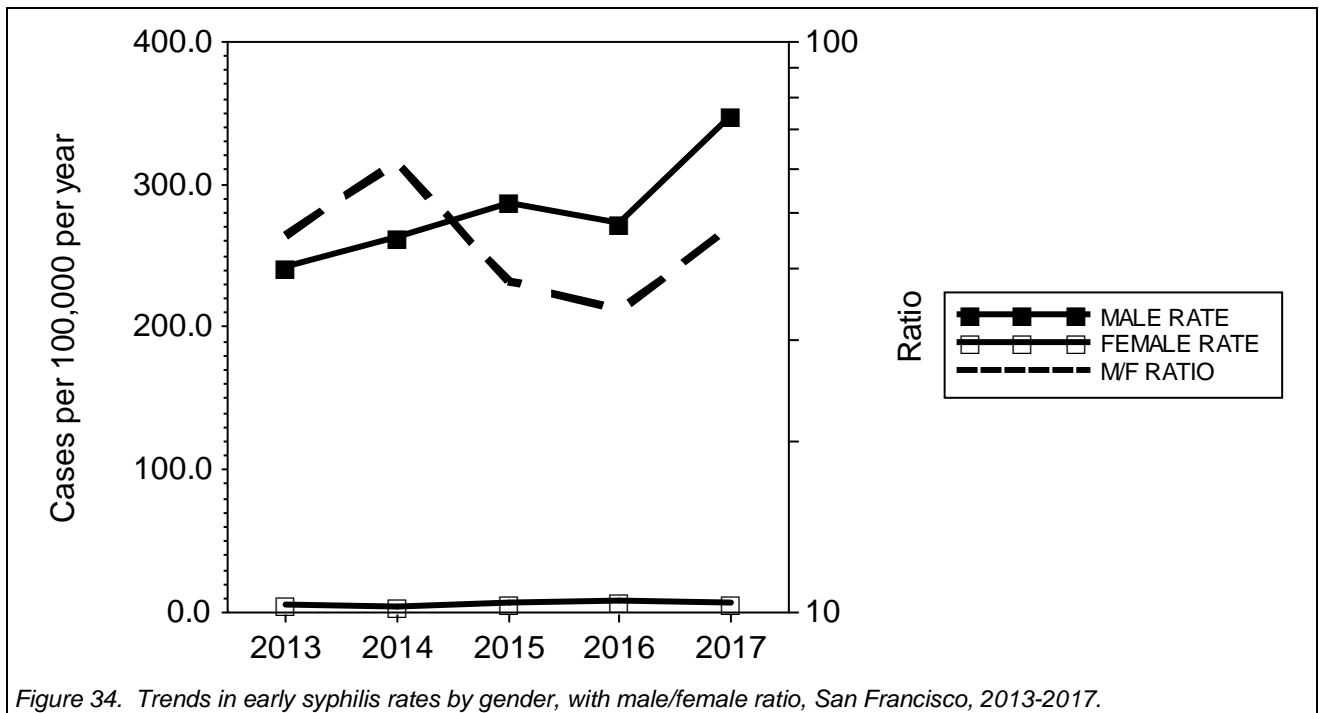


Figure 34. Trends in early syphilis rates by gender, with male/female ratio, San Francisco, 2013-2017.

Table 12. STD cases and rates by disease and gender, San Francisco, 2013-2017.

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Cases of CHLAMYDIA										
(ALL CASES)	5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
FEMALE	1,995	2,210	2,356	2,595	2,861	502.8	557.0	593.8	654.0	721.1
MALE	3,075	3,758	4,862	5,498	6,203	752.8	920.0	1190.3	1346.0	1518.6

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Cases of GONORRHEA										
(ALL CASES)	2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
FEMALE	203	376	381	487	623	51.2	94.8	96.0	122.7	157.0
MALE	2,314	2,901	3,873	4,710	5,111	566.5	710.2	948.2	1153.1	1251.3

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Cases of EARLY SYPHILIS										
(ALL CASES)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
FEMALE	21	17	30	32	29	5.3	4.3	7.6	8.1	7.3
MALE	990	1,076	1,175	1,114	1,420	242.4	263.4	287.7	272.7	347.6

Table 13. Male/female ratios by disease, San Francisco, 2013-2017.

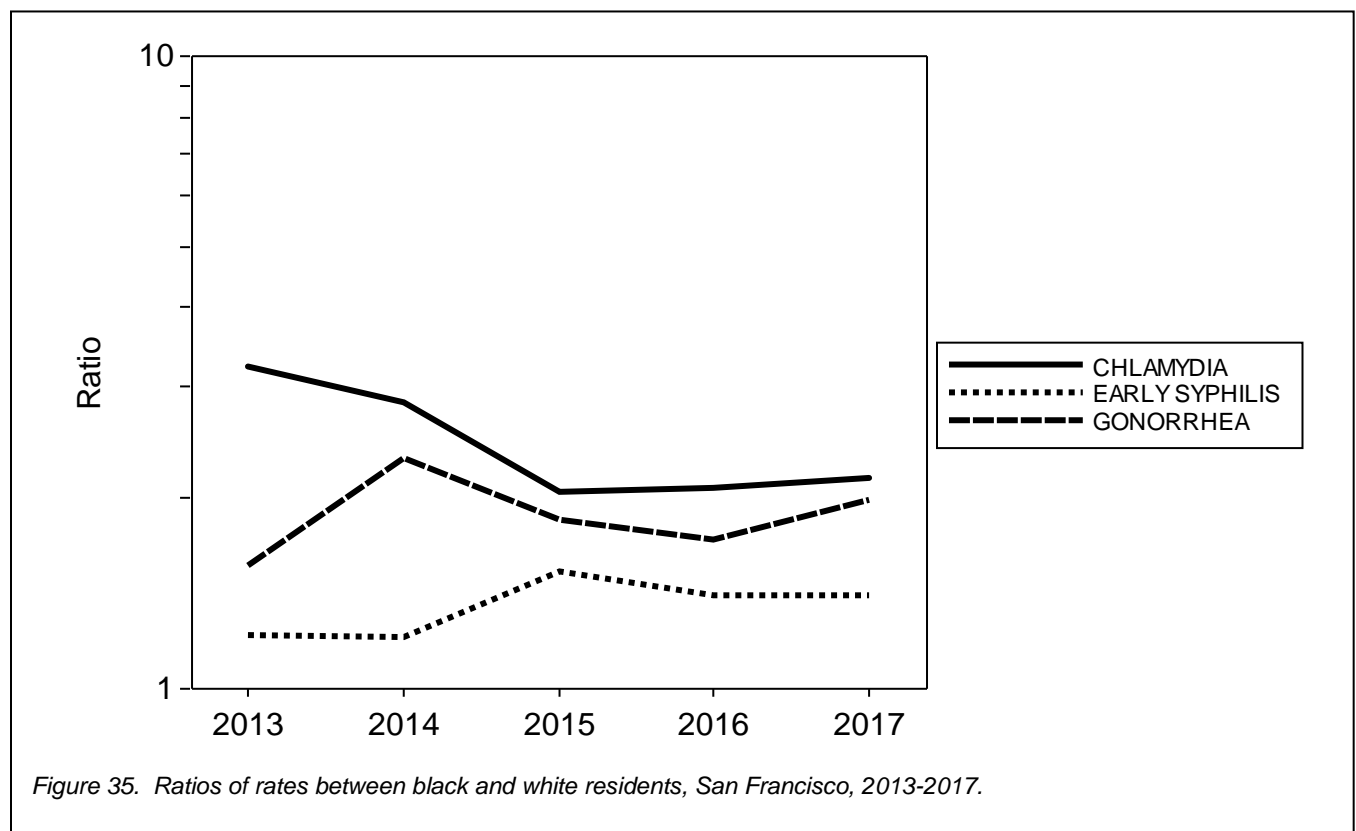
	Male/female ratio				
	2013	2014	2015	2016	2017
Cases of					
CHLAMYDIA	1.50	1.65	2.00	2.06	2.11
GONORRHEA	11.07	7.49	9.87	9.39	7.97
EARLY SYPHILIS	45.79	61.48	38.05	33.82	47.56

Table 14. Rate ratios and percent change in rates, San Francisco, 2013-2017.

		Rate ratio	Rate ratio	Percent rate	Percent rate
		2016/2017	2013/2017	change from 2016 to 2017	change from 2013 to 2017
CHLAMYDIA	FEMALE	0.9	0.7	10.3%	33.4%
	MALE	0.9	0.5	12.8%	56.9%
GONORRHEA	FEMALE	0.8	0.3	27.9%	86.2%
	MALE	0.9	0.5	8.5%	59.4%
EARLY SYPHILIS	FEMALE	1.1	0.7	-9.4%	25.0%
	MALE	0.8	0.7	27.5%	38.6%

Race and ethnicity

- Rates of reported STDs vary substantially by race/ethnicity, with Black/African Americans (B/AA) disproportionately affected by chlamydia and gonorrhea. Nearly all race/ethnicity groups experienced increased rates for all 3 reportable STDs.
- Chlamydia
 - The disparity in chlamydia rates between B/AA and white females increased from 5.3 in 2016 to 5.8 in 2017. The disparity among males is lower than in 2013 but persists; the 2017 rate among B/AA males is 1.5 times greater than for white males.
 - Asian/Pacific Island (API) residents have a low chlamydia rate (similar to white females, lower than white males), but have increased. The chlamydia rate among API females increased by 11% between 2016 and 2017, and 38% between 2013 and 2017. The rate among API males increased 23% in the past year and 116% in the past 5 years.
- Gonorrhea
 - While the disparity in gonorrhea rates overall between B/AA residents and white residents is lower than in chlamydia rates, the disparity is greater by gender (see Table 15) and females again experience the relatively greater burden of disease.
 - Similar to chlamydia, Asian/Pacific Island (API) males and females have low gonorrhea rates, but the increasing trend is greater compared to other race/ethnicities. The rate among females increased from 2.8 in 2013 to 49.0 in 2017, and the rate among males increased by nearly 150% in the same time period.
- Disparity in early syphilis rates between B/AA and white females declined, from 9.9 in 2013 to 3.5 in 2017, but recently increased for males from 1.2 to 1.4 over the same 5 years.



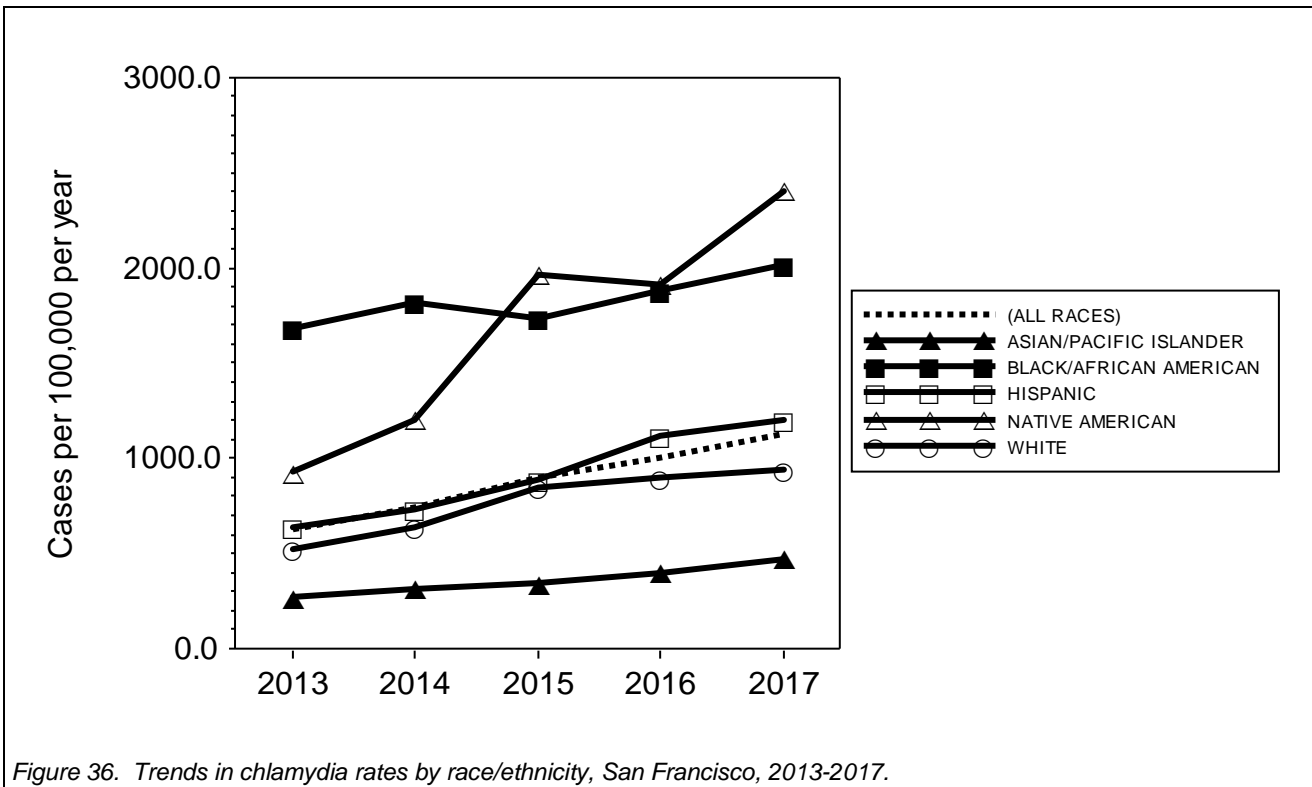


Figure 36. Trends in chlamydia rates by race/ethnicity, San Francisco, 2013-2017.

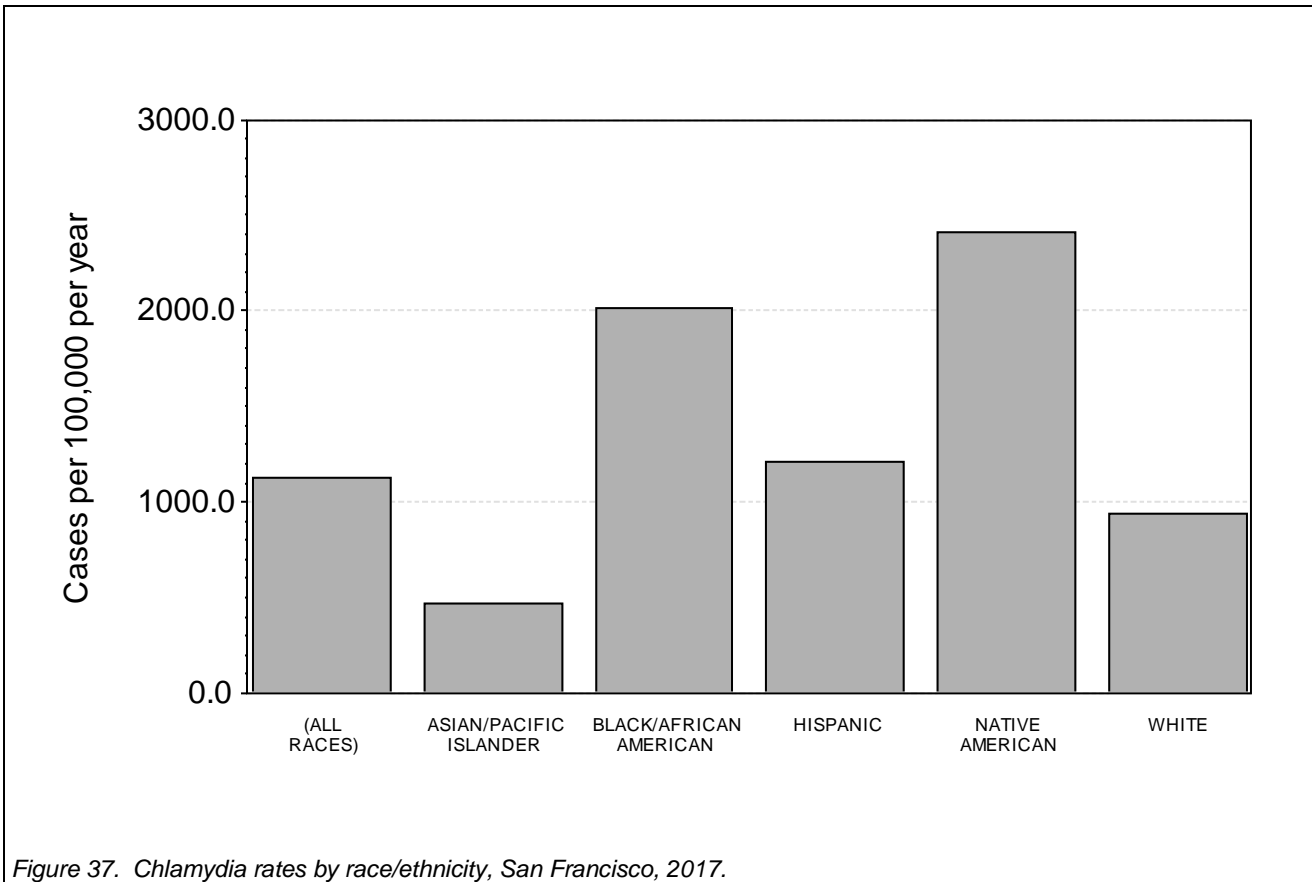


Figure 37. Chlamydia rates by race/ethnicity, San Francisco, 2017.

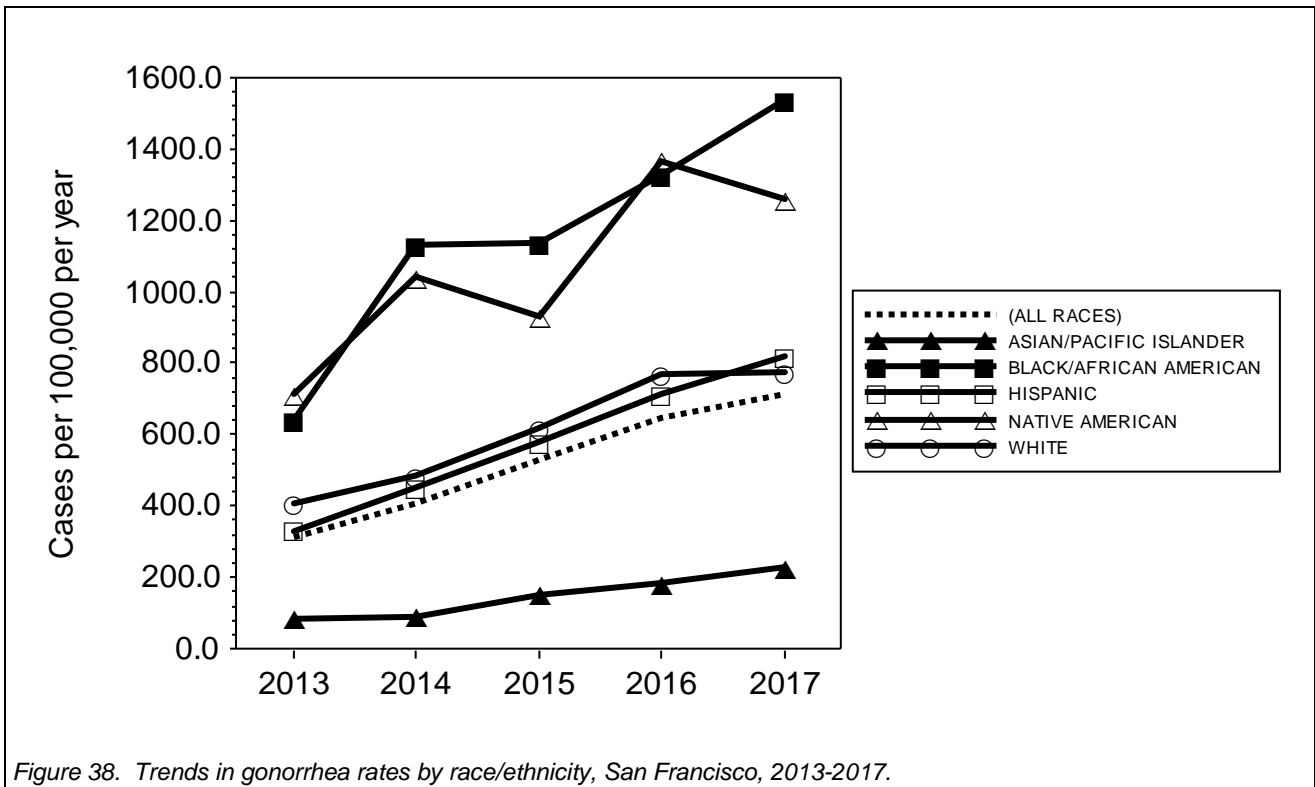


Figure 38. Trends in gonorrhea rates by race/ethnicity, San Francisco, 2013-2017.

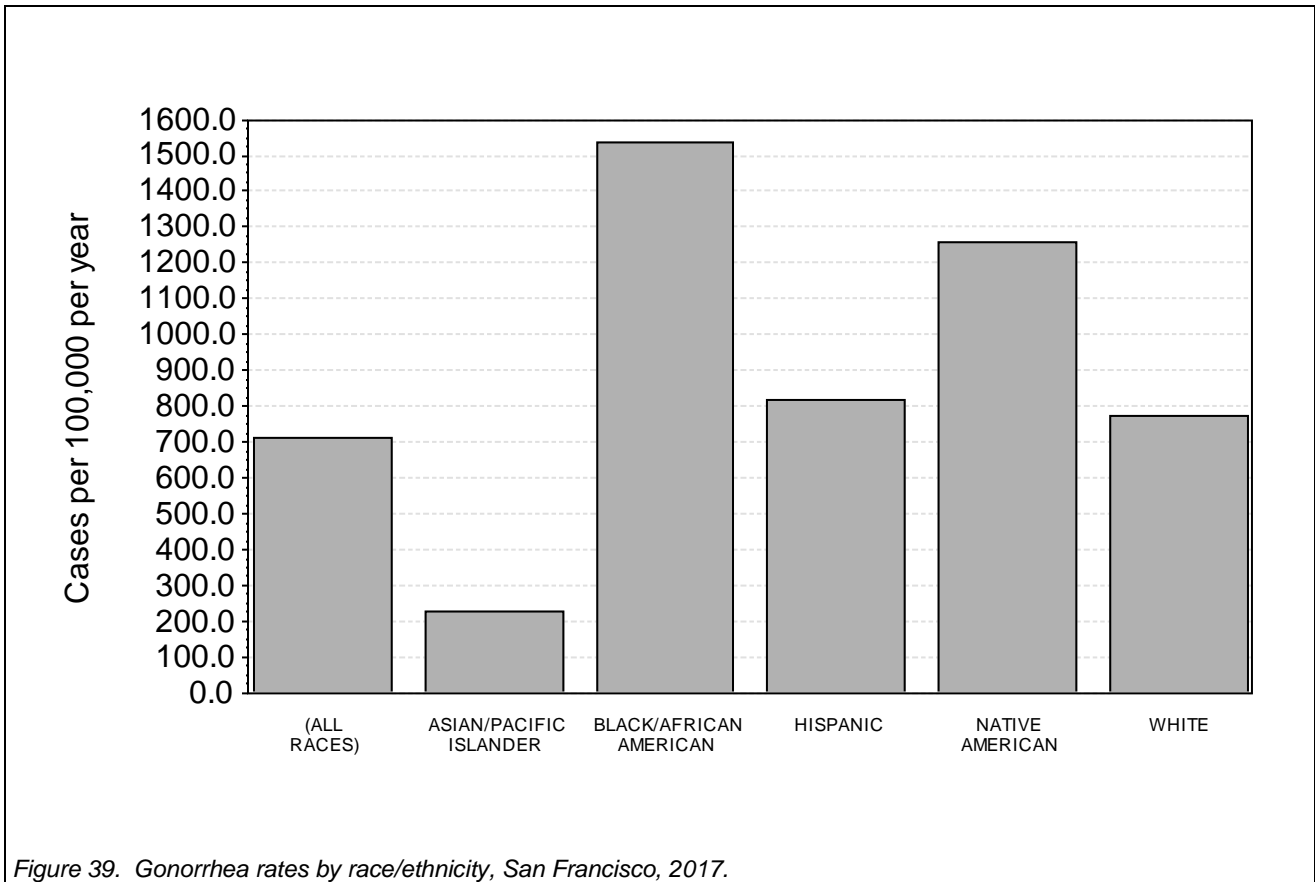


Figure 39. Gonorrhea rates by race/ethnicity, San Francisco, 2017.

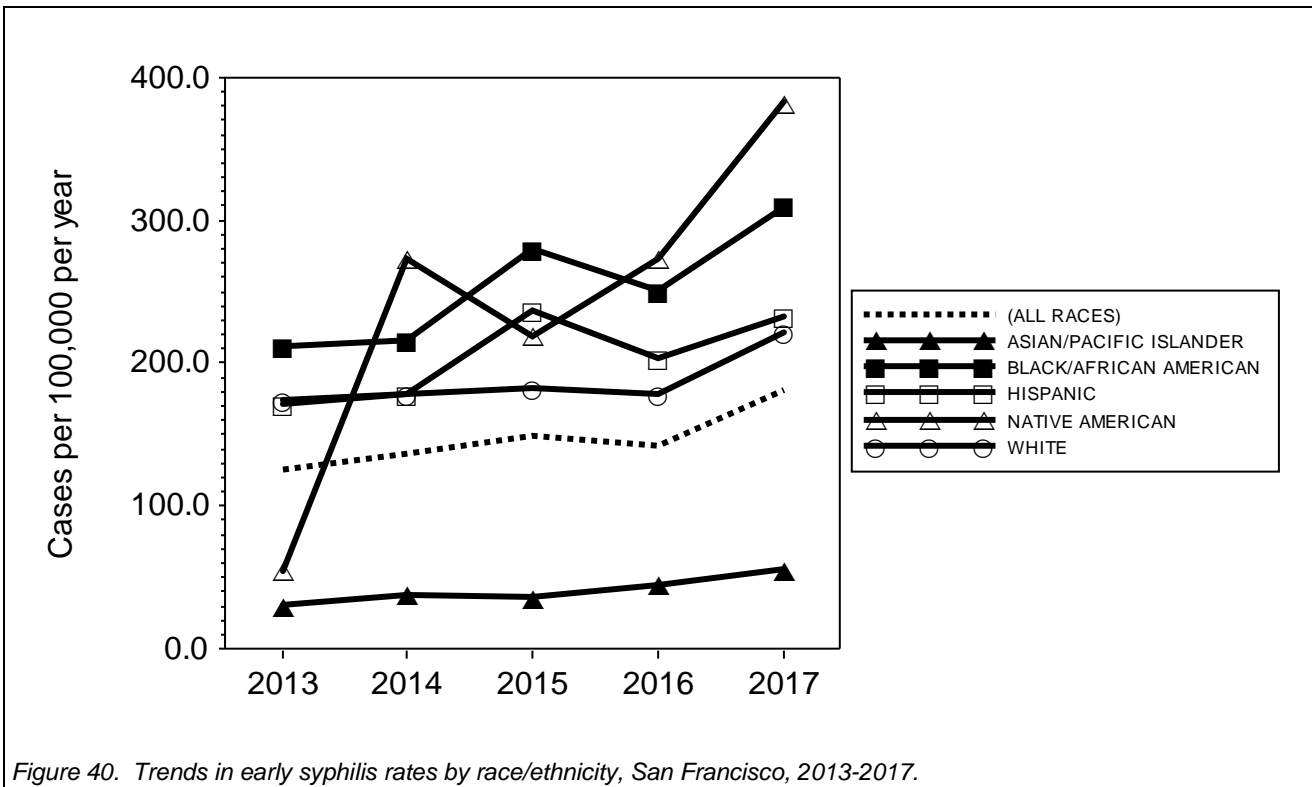


Figure 40. Trends in early syphilis rates by race/ethnicity, San Francisco, 2013-2017.

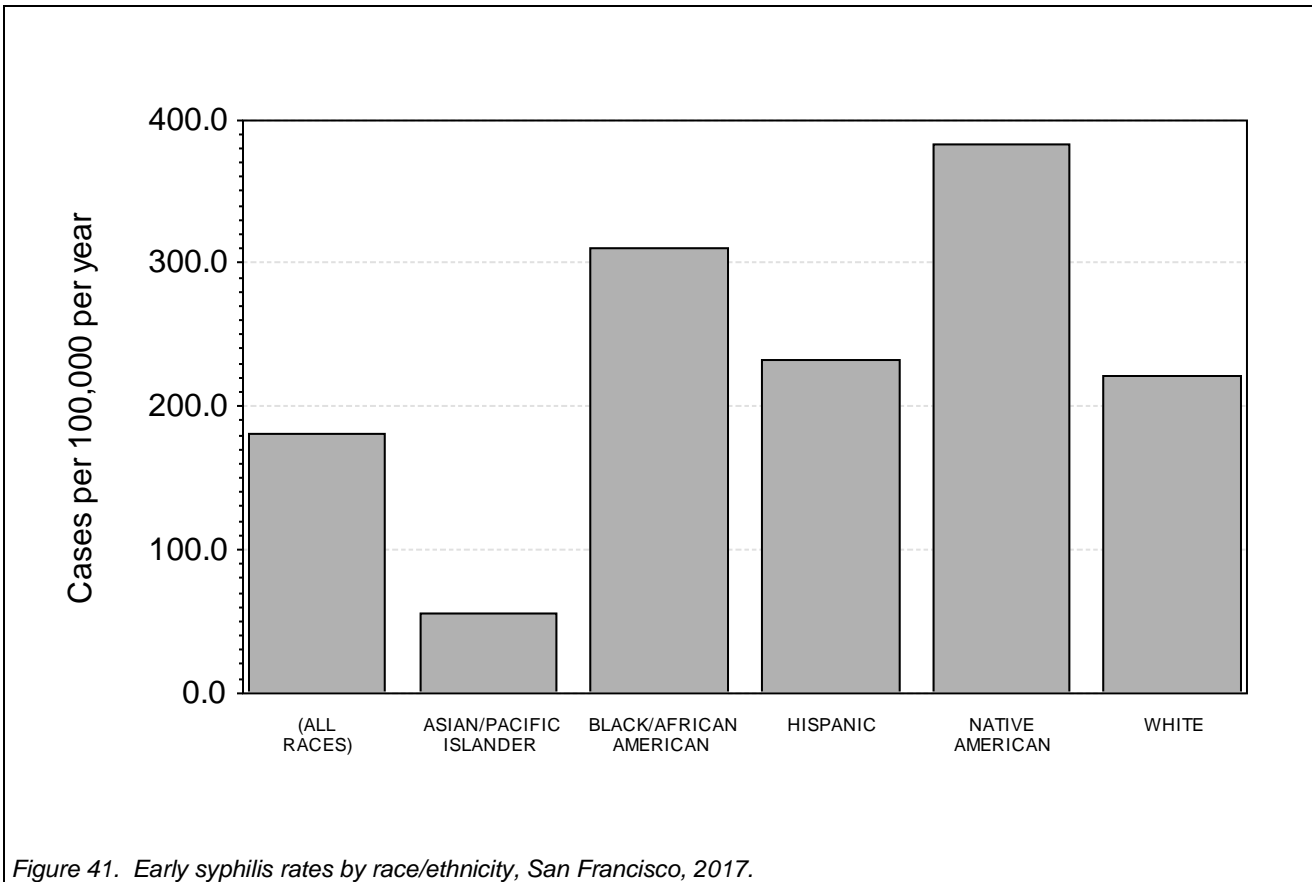
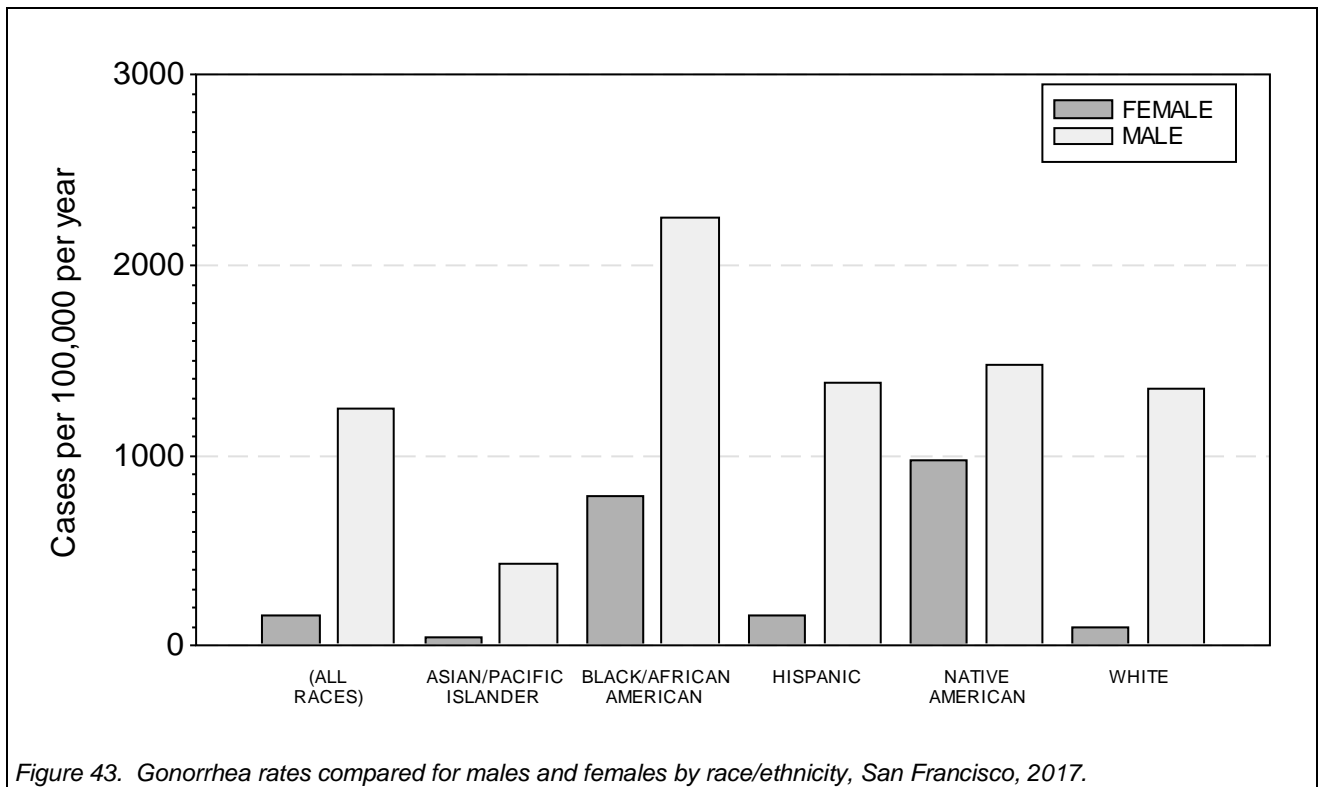
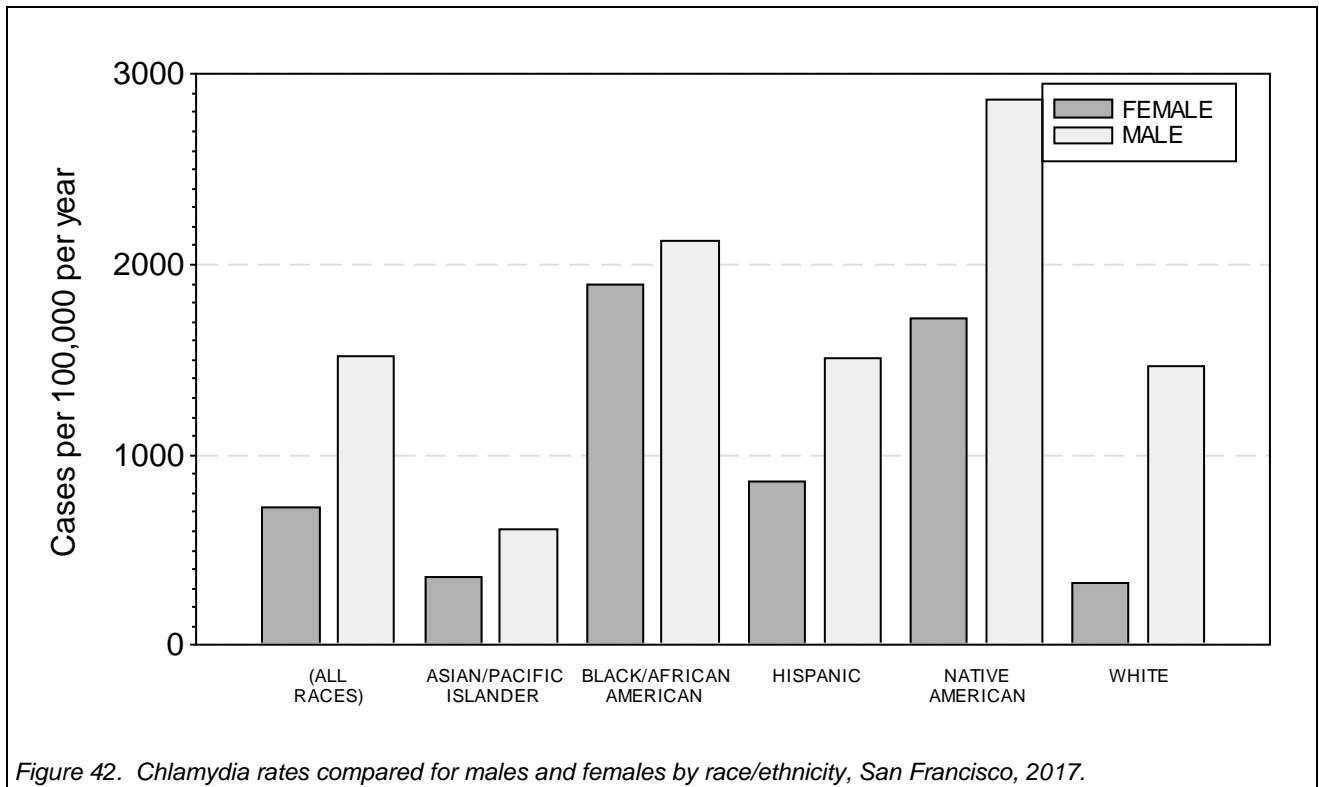


Figure 41. Early syphilis rates by race/ethnicity, San Francisco, 2017.



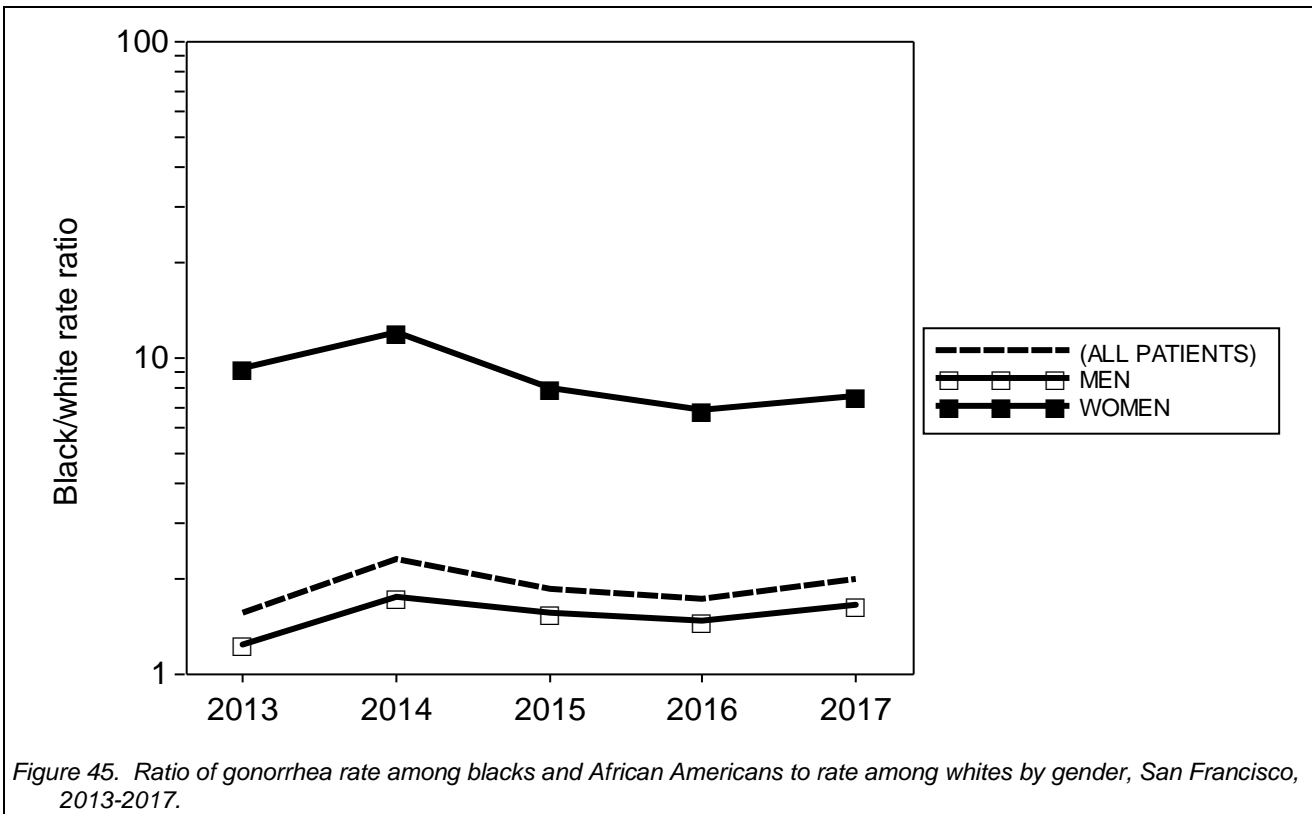
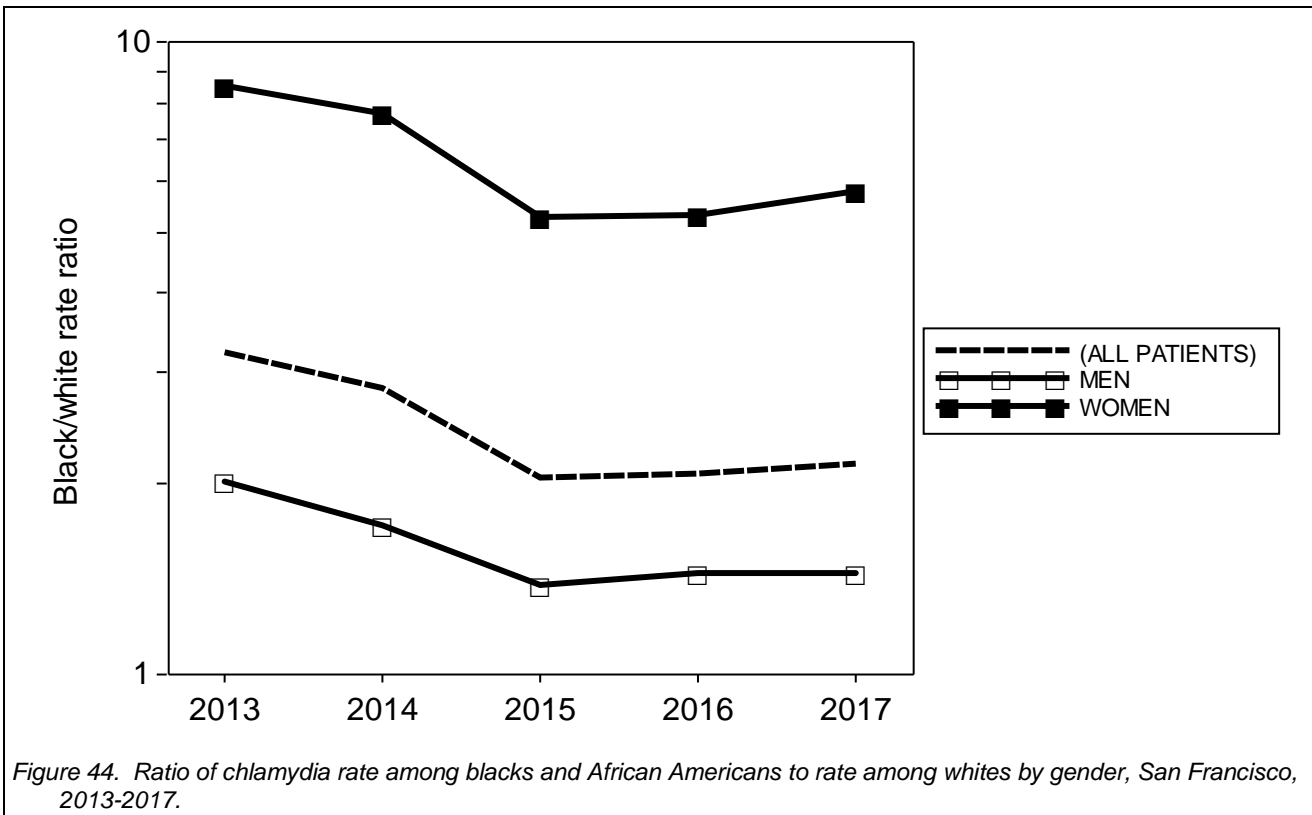


Table 15. STD cases and rates by disease and race/ethnicity, San Francisco, 2013-2017.

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
	Cases of CHLAMYDIA									
(ALL RACES)	5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
ASIAN/PACIFIC ISLANDER	718	838	907	1,066	1,258	270.2	315.4	341.4	401.2	473.5
BLACK/AFRICAN AMERICAN	789	851	810	880	943	1686.6	1819.1	1731.5	1881.1	2015.8
HISPANIC	782	885	1,078	1,364	1,469	642.2	726.8	885.2	1120.1	1206.3
NATIVE AMERICAN	17	22	36	35	44	930.0	1203.5	1969.4	1914.7	2407.0
WHITE	1,757	2,166	2,854	3,049	3,167	520.7	641.9	845.8	903.5	938.5

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
	Cases of GONORRHEA									
(ALL RACES)	2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
ASIAN/PACIFIC ISLANDER	226	243	406	487	606	85.1	91.5	152.8	183.3	228.1
BLACK/AFRICAN AMERICAN	299	528	533	621	719	639.1	1128.7	1139.4	1327.5	1536.9
HISPANIC	404	550	705	866	996	331.8	451.7	578.9	711.2	817.9
NATIVE AMERICAN	13	19	17	25	23	711.2	1039.4	930.0	1367.6	1258.2
WHITE	1,381	1,645	2,079	2,599	2,608	409.2	487.5	616.1	770.2	772.9

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
	Cases of EARLY SYPHILIS									
(ALL RACES)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
ASIAN/PACIFIC ISLANDER	80	101	96	120	147	30.1	38.0	36.1	45.2	55.3
BLACK/AFRICAN AMERICAN	99	101	131	117	145	211.6	215.9	280.0	250.1	310.0
HISPANIC	209	217	288	248	283	171.6	178.2	236.5	203.7	232.4
NATIVE AMERICAN	1	5	4	5	7	54.7	273.5	218.8	273.5	382.9
WHITE	590	603	618	601	747	174.8	178.7	183.1	178.1	221.4

Table 16. Ratio of STD rates among Black/African Americans to rates among whites, San Francisco, 2013-2017.

	Black/African American to white ratio				
	2013	2014	2015	2016	2017
CHLAMYDIA (ALL PATIENTS)	3.24	2.83	2.05	2.08	2.15
WOMEN	8.52	7.73	5.28	5.32	5.82
MEN	2.01	1.72	1.39	1.45	1.45
GONORRHEA (ALL PATIENTS)	1.56	2.32	1.85	1.72	1.99
WOMEN	9.33	12.00	8.01	6.81	7.63
MEN	1.24	1.76	1.56	1.47	1.66
EARLY SYPHILIS (ALL PATIENTS)	1.21	1.21	1.53	1.40	1.40
WOMEN	9.87	11.06	5.18	6.22	3.46
MEN	1.15	1.17	1.54	1.37	1.43

Table 17. STD cases and rates by disease, gender, and race/ethnicity, San Francisco, 2013-2017.

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE (ALL RACES)	1,995	2,210	2,356	2,595	2,861	502.8	557.0	593.8	654.0	721.1
ASIAN/PACIFIC ISLANDER	370	414	398	458	510	259.2	290.0	278.8	320.8	357.2
BLACK/AFRICAN AMERICAN	408	445	373	391	432	1789.9	1952.3	1636.4	1715.4	1895.2
HISPANIC	299	294	343	463	490	524.0	515.3	601.2	811.5	858.8
NATIVE AMERICAN	8	10	19	14	14	980.4	1225.5	2328.4	1715.7	1715.7
WHITE	331	398	488	508	513	210.1	252.6	309.8	322.5	325.6
MALE (ALL RACES)	3,075	3,758	4,862	5,498	6,203	752.8	920.0	1190.3	1346.0	1518.6
ASIAN/PACIFIC ISLANDER	346	424	509	608	747	281.5	344.9	414.1	494.6	607.7
BLACK/AFRICAN AMERICAN	381	406	437	489	511	1588.4	1692.6	1821.8	2038.6	2130.3
HISPANIC	483	591	734	900	977	746.3	913.2	1134.2	1390.6	1509.6
NATIVE AMERICAN	9	12	17	20	29	889.3	1185.8	1679.8	1976.3	2865.6
WHITE	1,422	1,766	2,362	2,536	2,646	790.4	981.6	1312.8	1409.5	1470.7

Cases of GONORRHEA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE (ALL RACES)	203	376	381	487	623	51.2	94.8	96.0	122.7	157.0
ASIAN/PACIFIC ISLANDER	4	30	34	47	70	2.8	21.0	23.8	32.9	49.0
BLACK/AFRICAN AMERICAN	81	165	124	139	180	355.4	723.9	544.0	609.8	789.7
HISPANIC	22	36	41	66	94	38.6	63.1	71.9	115.7	164.8
NATIVE AMERICAN	3	1	5	7	8	367.6	122.5	612.7	857.8	980.4
WHITE	60	95	107	141	163	38.1	60.3	67.9	89.5	103.5
MALE (ALL RACES)	2,314	2,901	3,873	4,710	5,111	566.5	710.2	948.2	1153.1	1251.3
ASIAN/PACIFIC ISLANDER	221	213	372	440	536	179.8	173.3	302.6	357.9	436.0
BLACK/AFRICAN AMERICAN	218	363	409	482	539	908.8	1513.3	1705.1	2009.4	2247.1
HISPANIC	382	514	663	799	899	590.3	794.2	1024.4	1234.6	1389.1
NATIVE AMERICAN	10	18	12	17	15	988.1	1778.7	1185.8	1679.8	1482.2
WHITE	1,319	1,548	1,970	2,452	2,437	733.1	860.4	1094.9	1362.8	1354.5

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE (ALL RACES)	21	17	30	32	29	5.3	4.3	7.6	8.1	7.3
ASIAN/PACIFIC ISLANDER	1	1	6	5	5	0.7	0.7	4.2	3.5	3.5
BLACK/AFRICAN AMERICAN	10	8	6	9	5	43.9	35.1	26.3	39.5	21.9
HISPANIC	3	3	7	4	3	5.3	5.3	12.3	7.0	5.3
NATIVE AMERICAN	0	0	0	1	2	0.0	0.0	0.0	122.5	245.1
WHITE	7	5	8	10	10	4.4	3.2	5.1	6.3	6.3
MALE (ALL RACES)	990	1,076	1,175	1,114	1,420	242.4	263.4	287.7	272.7	347.6
ASIAN/PACIFIC ISLANDER	79	100	90	115	142	64.3	81.3	73.2	93.5	115.5
BLACK/AFRICAN AMERICAN	89	93	125	108	140	371.0	387.7	521.1	450.2	583.6
HISPANIC	206	213	281	244	280	318.3	329.1	434.2	377.0	432.6
NATIVE AMERICAN	1	5	4	3	4	98.8	494.1	395.3	296.4	395.3
WHITE	583	597	609	591	735	324.0	331.8	338.5	328.5	408.5

Age

- Rates of STDs continued to be highly age-dependent and age-specific rates varied by gender.
- Rates of chlamydia increased for every age group from 2016 to 2017. The proportionate increase in rate was more than twice the increase for the 15-19 year age group overall (by 28.6% from 1514.2 to 1947.6), and among females (by 27.7% from 2218.1 to 2833.3) and males (by 29.0% from 598.1 to 1000.7).
 - The section on Rectal and Pharyngeal Infections in Men shows that 40% of chlamydia among males are rectal and pharyngeal infections. Therefore, the increases noted above by age group and gender likely do not indicate ongoing transmission between reported cases of females and mostly MSM.
- Gonorrhea continues to primarily affect men who have sex with men, with the highest increases in both the 15-19 year and 55-64 year age groups. The highest rate among males was for the 25 to 29 year age group. For females, gonorrhea rates had been highest among those ages 20 to 24 years but, in 2017, the highest rate was among the 15-19 year age group.
 - Please see the Section on Adolescents and Young Adults for more detail about trends, by race and gender, for persons ages 15 through 25 diagnosed with an STD.
- Early syphilis rates peaked among 45-54-year-old males, consistent with prior years, but at a higher rate (increasing nearly 27% from 142.4 in 2016 to 180.4 in 2017). The age distribution changed from 2016 to 2017; whereas the second and third highest rates were, respectively, among 40-44 and 30-39 year-olds in 2016, the 30-39 year age group experienced the second highest rates in 2017, followed by 40-44 year-olds, with 25-29 year-olds not far behind. This redistribution of higher syphilis rates among younger age groups is seen by gender as well.

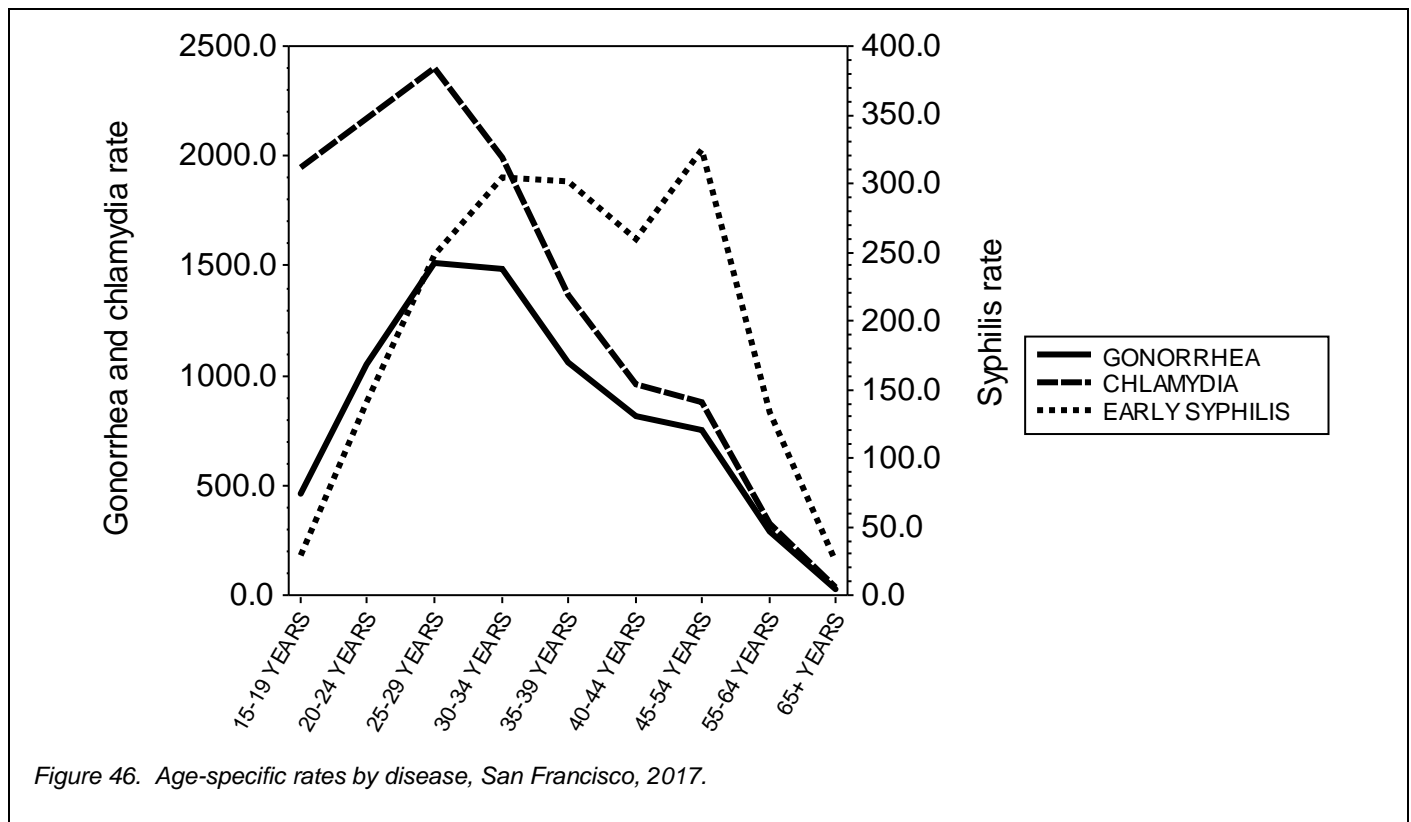


Figure 46. Age-specific rates by disease, San Francisco, 2017.

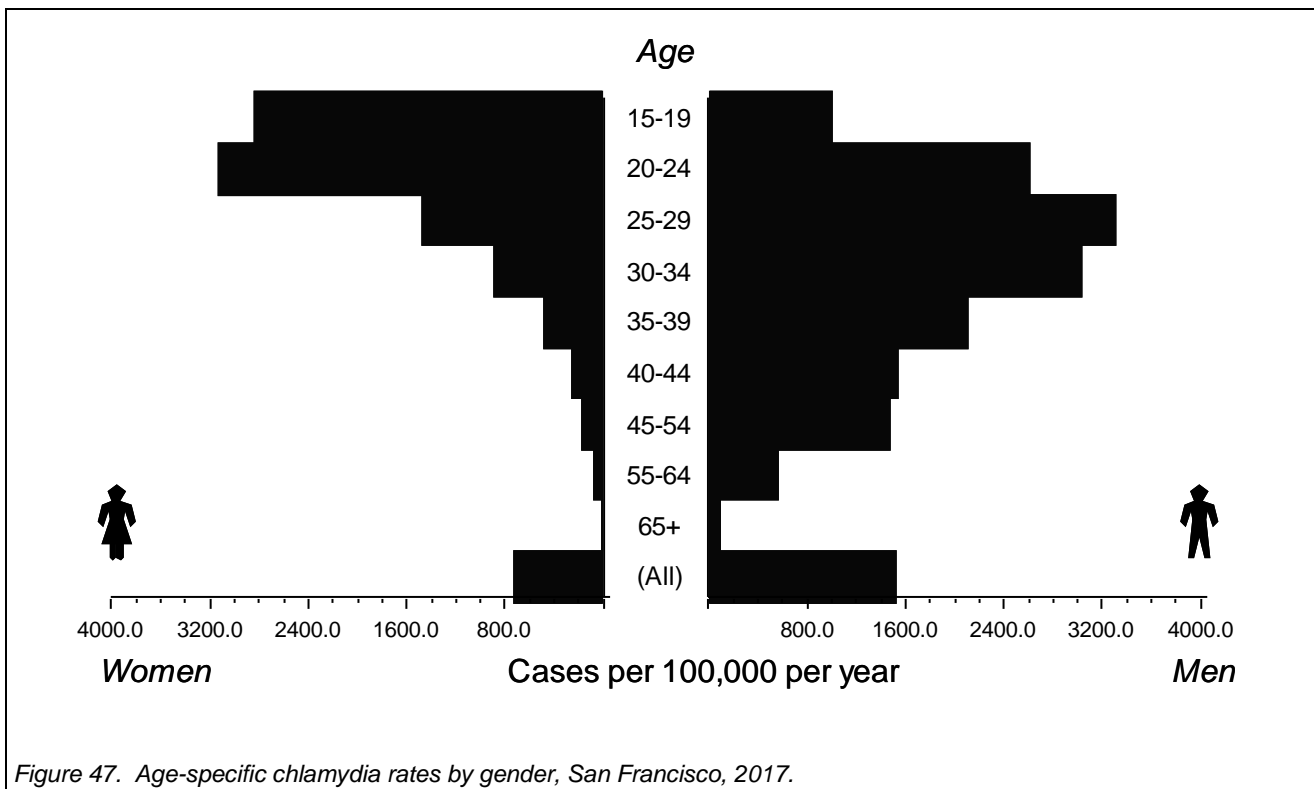


Figure 47. Age-specific chlamydia rates by gender, San Francisco, 2017.

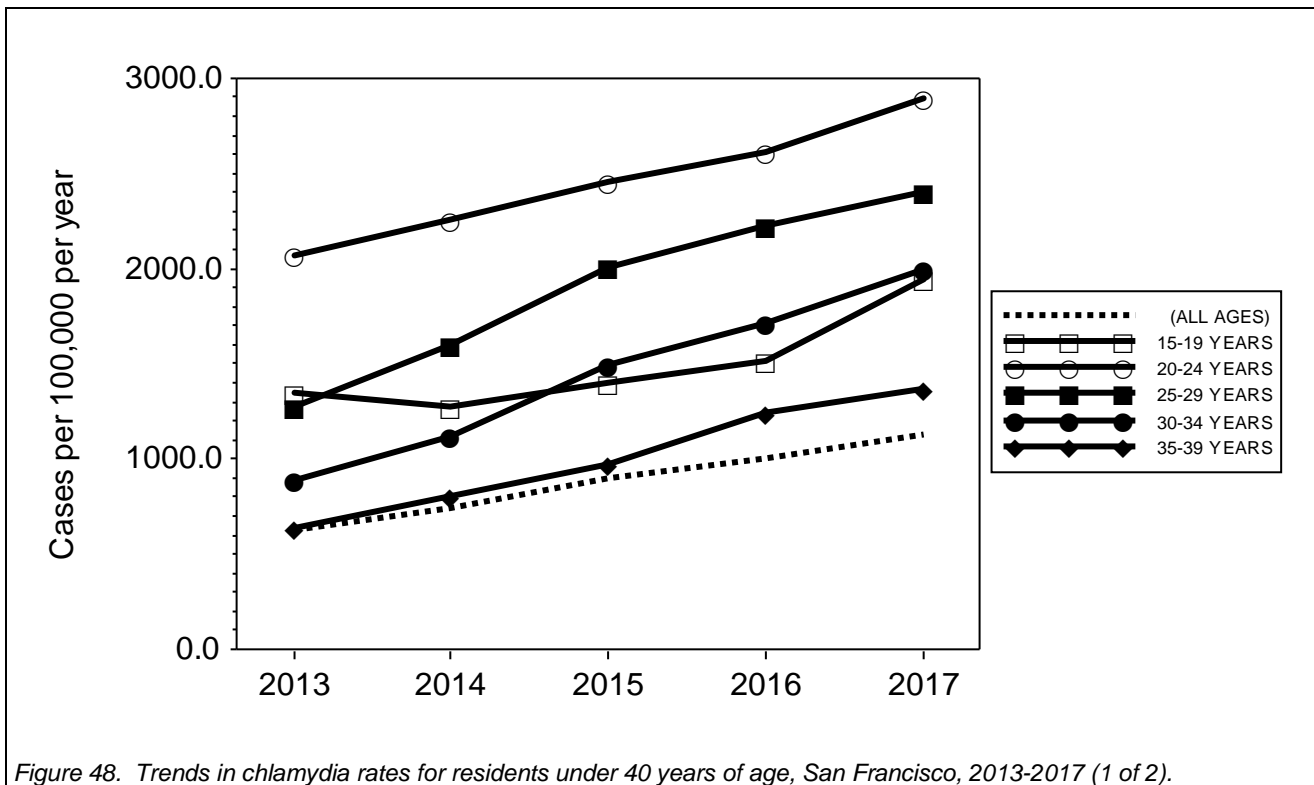
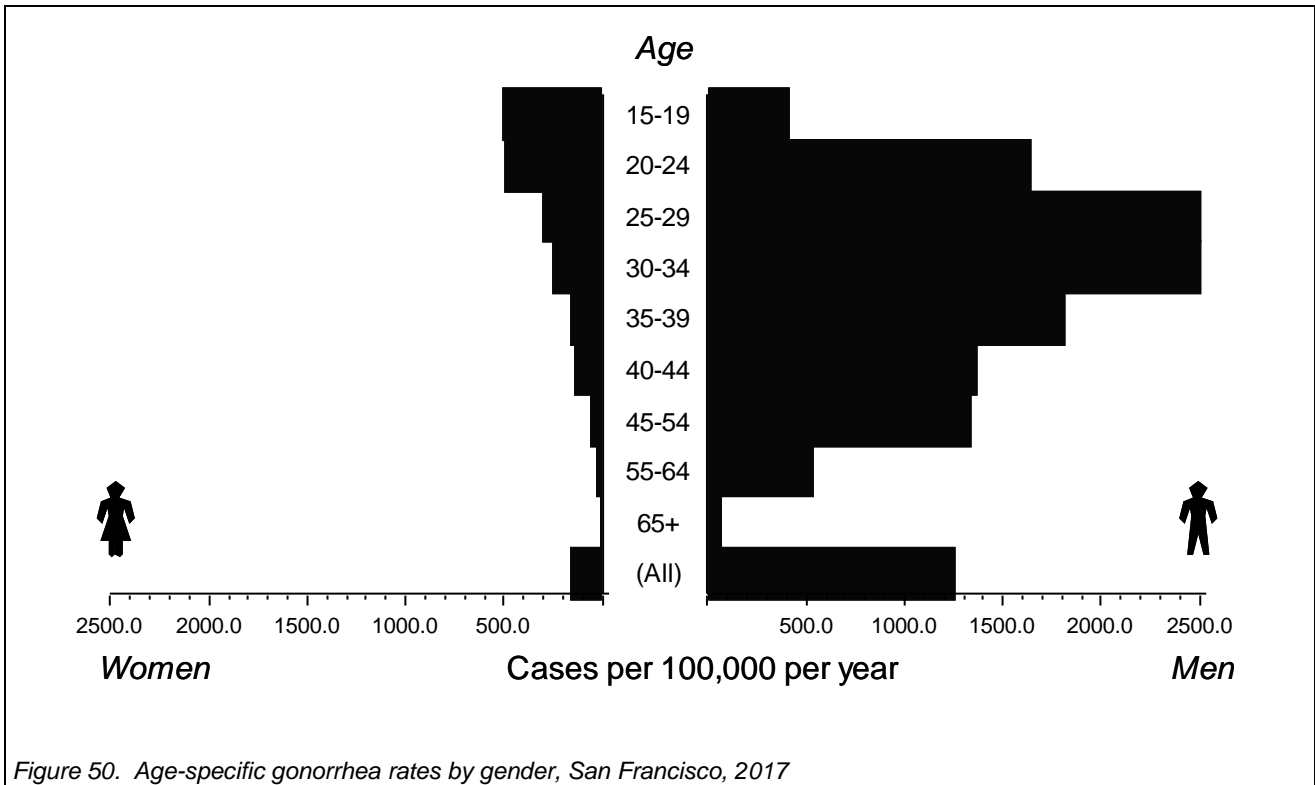
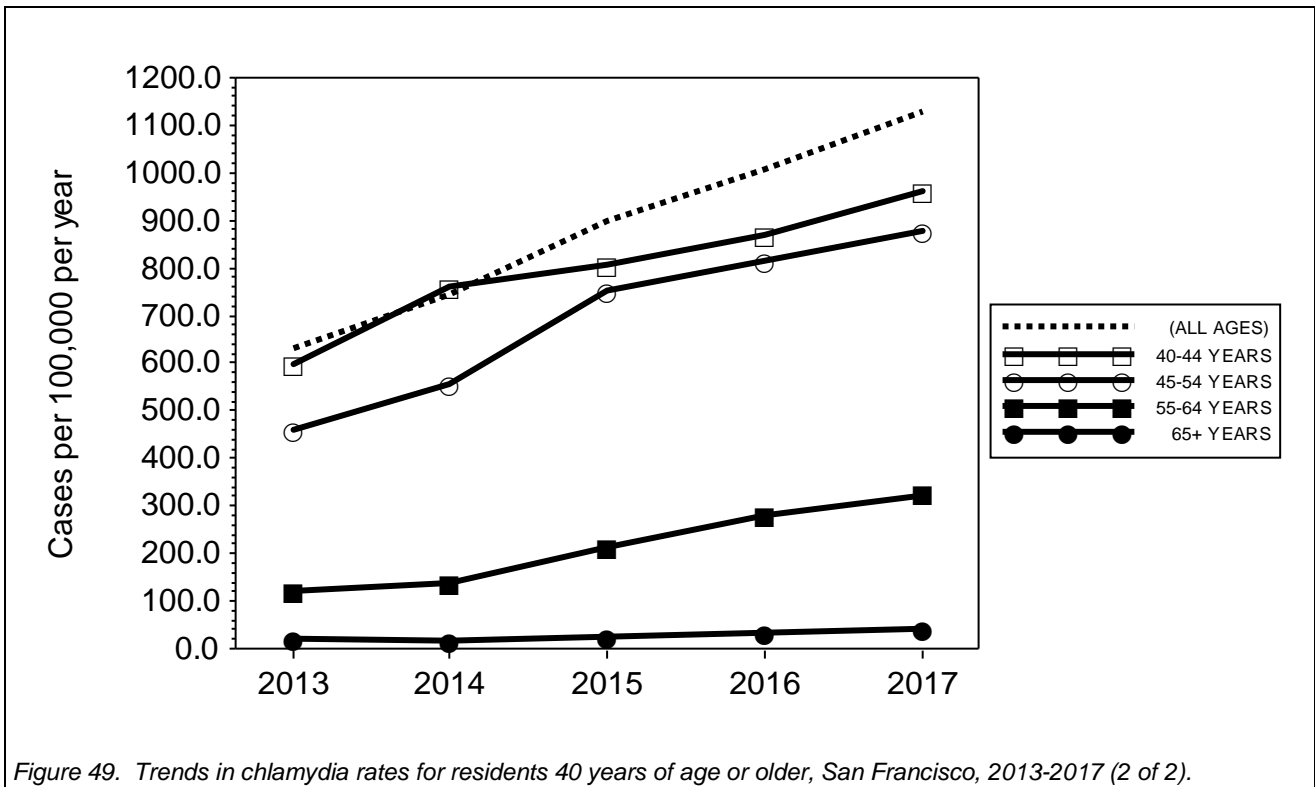


Figure 48. Trends in chlamydia rates for residents under 40 years of age, San Francisco, 2013-2017 (1 of 2).



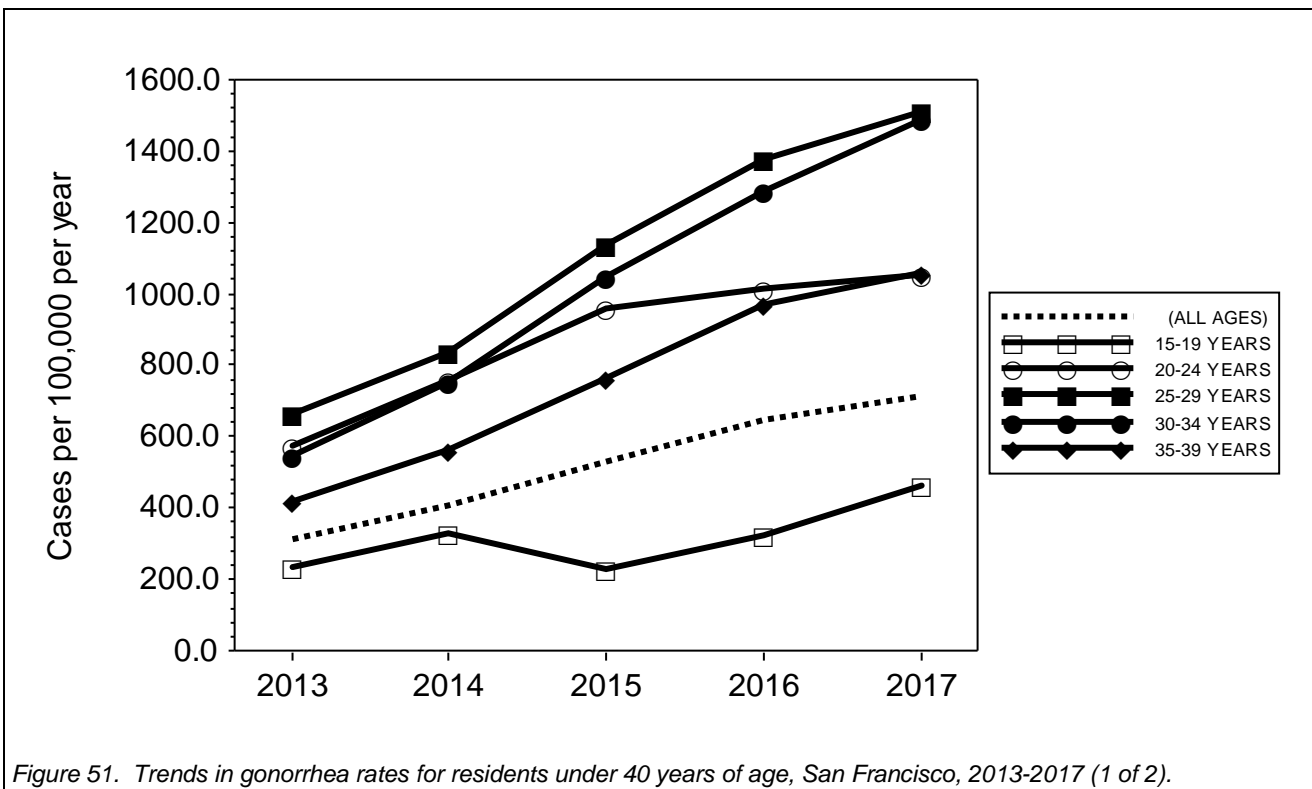


Figure 51. Trends in gonorrhea rates for residents under 40 years of age, San Francisco, 2013-2017 (1 of 2).

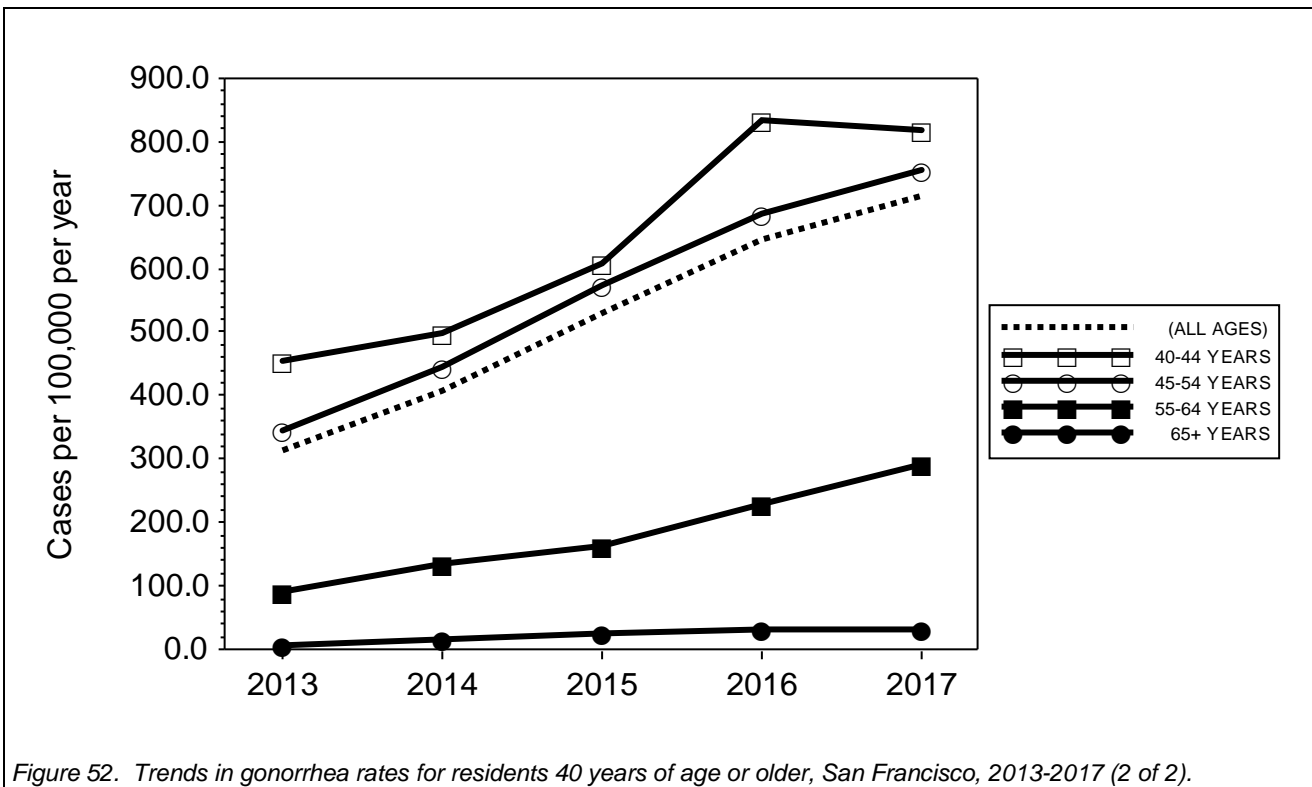


Figure 52. Trends in gonorrhea rates for residents 40 years of age or older, San Francisco, 2013-2017 (2 of 2).

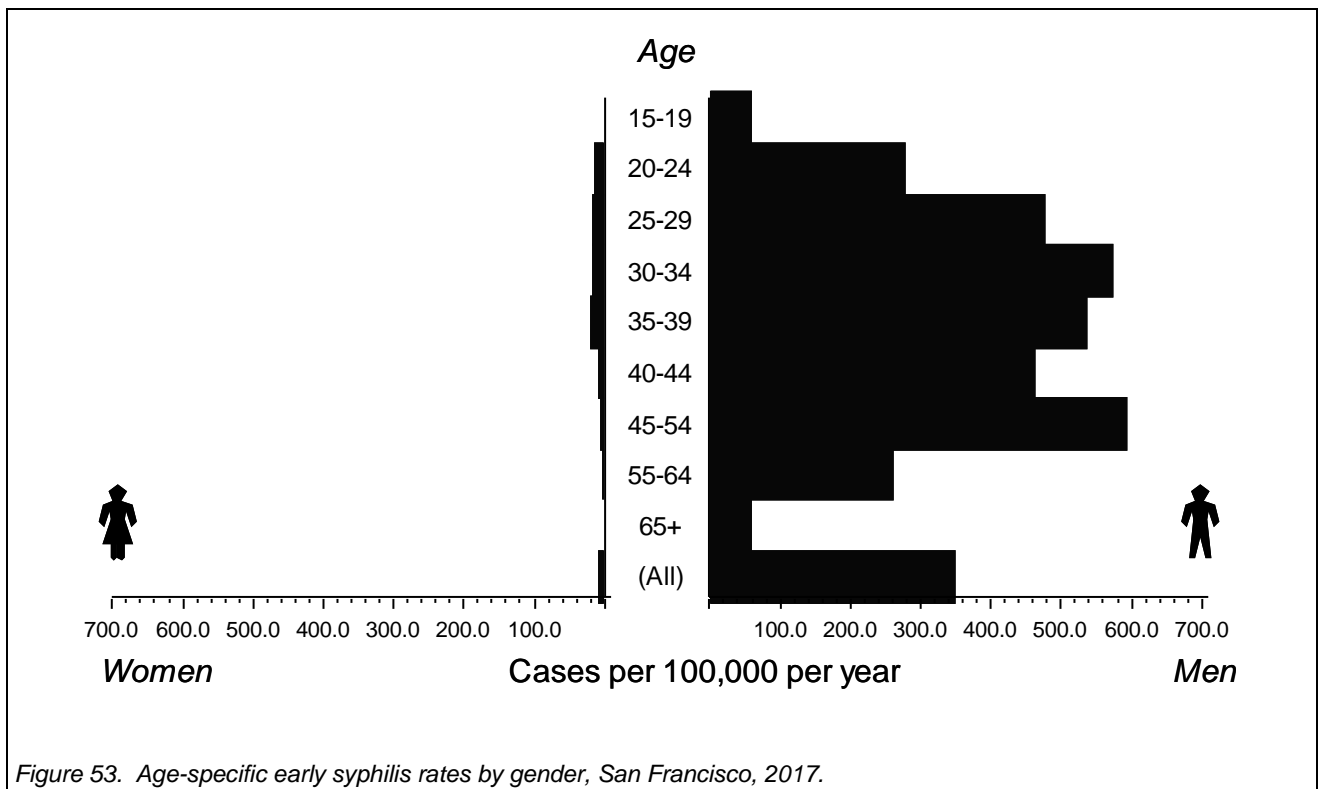


Figure 53. Age-specific early syphilis rates by gender, San Francisco, 2017.

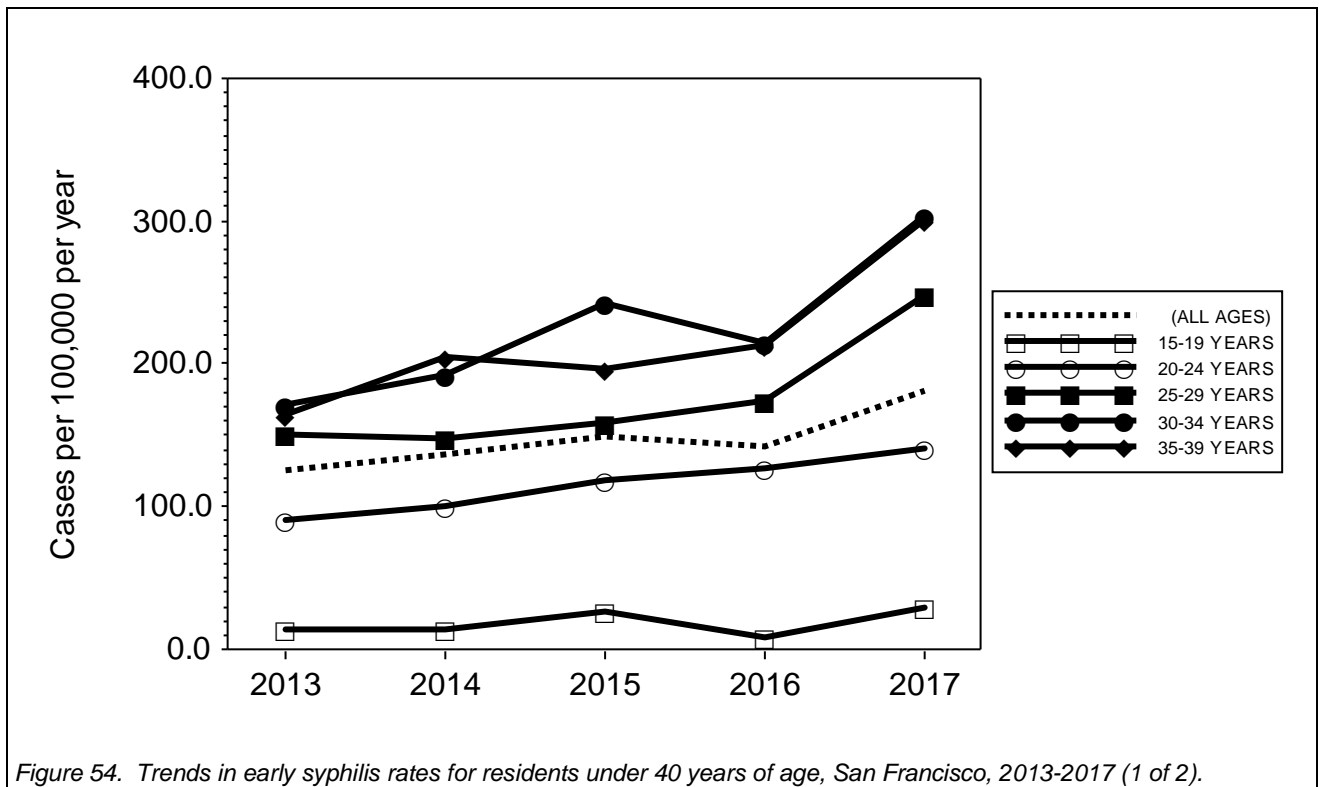


Figure 54. Trends in early syphilis rates for residents under 40 years of age, San Francisco, 2013-2017 (1 of 2).

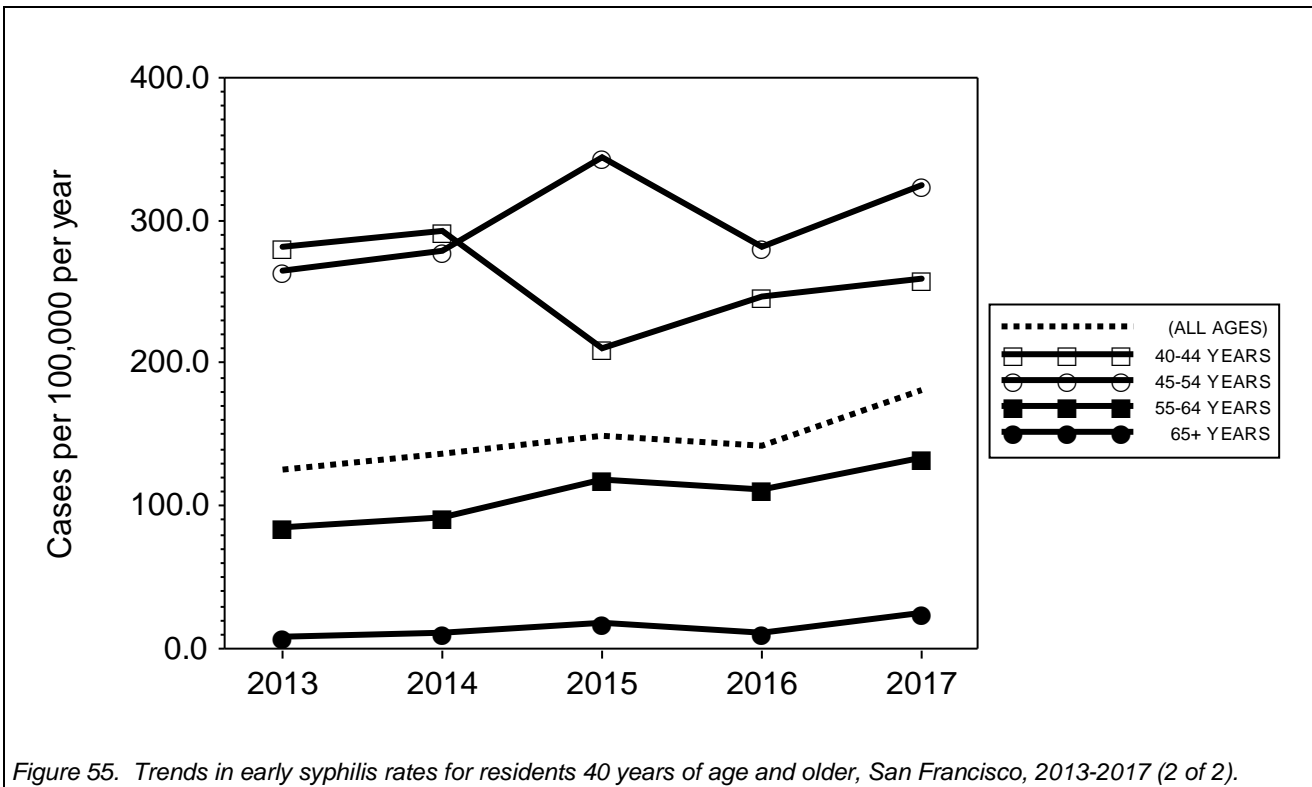


Figure 55. Trends in early syphilis rates for residents 40 years of age and older, San Francisco, 2013-2017 (2 of 2).

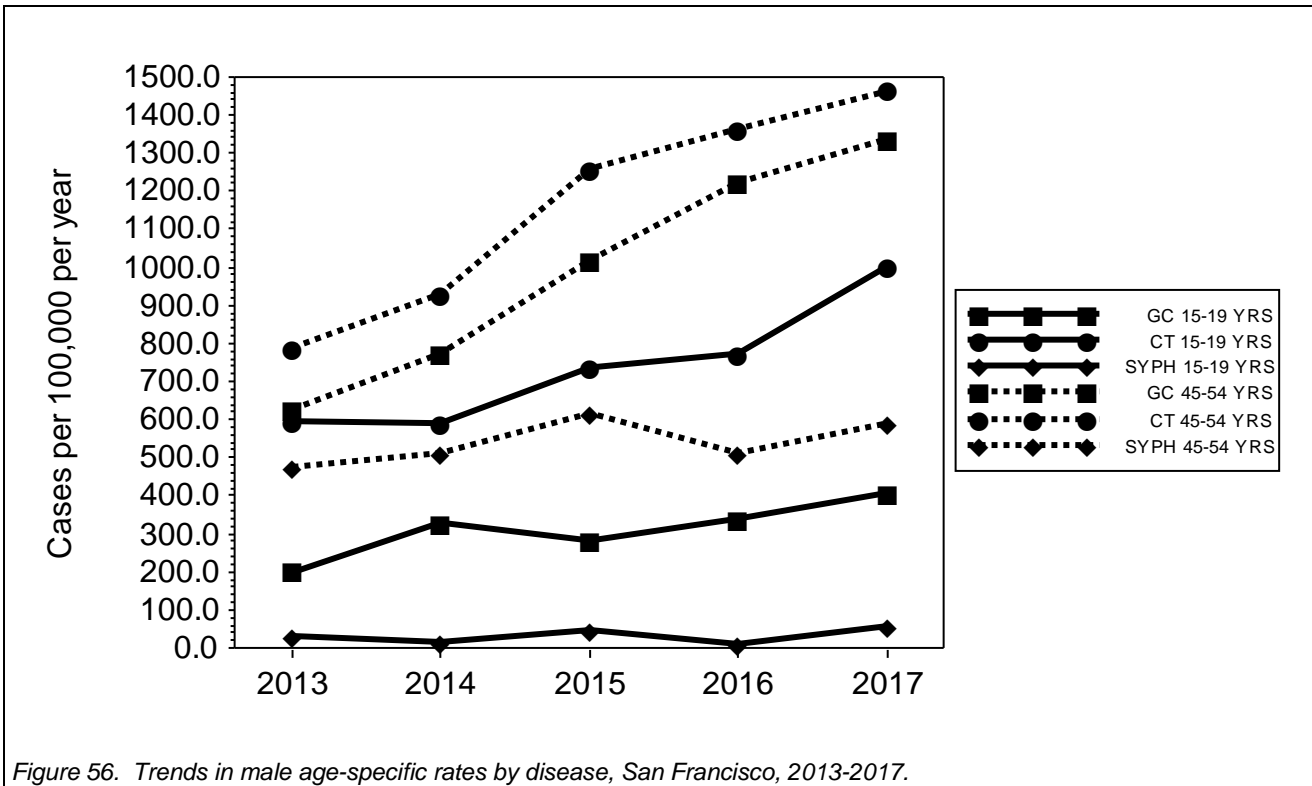


Figure 56. Trends in male age-specific rates by disease, San Francisco, 2013-2017.

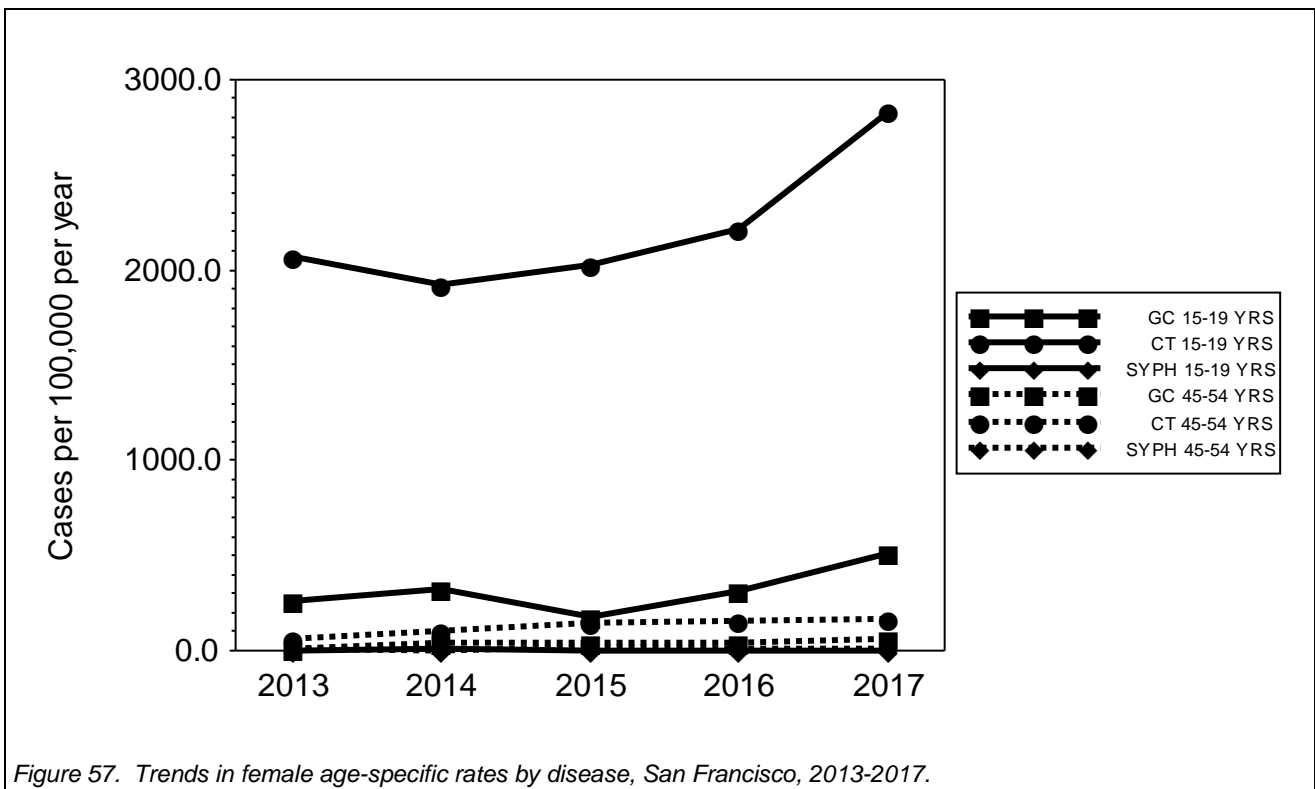


Figure 57. Trends in female age-specific rates by disease, San Francisco, 2013-2017.

Table 18. STD cases and rates by disease, gender and age group, San Francisco, 2013-2017.

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(BOTH GENDERS) (ALL)		5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
	15-19 YRS	468	440	484	524	674	1352.4	1271.5	1398.6	1514.2	1947.6
	20-24 YRS	1,253	1,370	1,490	1,584	1,755	2067.0	2260.1	2458.0	2613.1	2895.2
	25-29 YRS	1,125	1,411	1,764	1,966	2,119	1276.1	1600.6	2001.0	2230.1	2403.7
	30-34 YRS	712	893	1,193	1,373	1,596	890.4	1116.8	1491.9	1717.0	1995.9
	35-39 YRS	455	568	691	878	966	642.5	802.1	975.8	1239.9	1364.2
	40-44 YRS	375	477	508	546	605	596.5	758.7	808.0	868.5	962.3
	45-54 YRS	512	622	842	909	979	457.9	556.3	753.1	813.0	875.6
	55-64 YRS	117	135	206	272	313	121.1	139.8	213.3	281.6	324.0
	65+ YRS	25	20	29	39	45	22.8	18.2	26.4	35.5	41.0
FEMALE (ALL)		1,995	2,210	2,356	2,595	2,861	502.8	557.0	593.8	654.0	721.1
	15-19 YRS	367	340	360	393	502	2071.3	1919.0	2031.8	2218.1	2833.3
	20-24 YRS	760	780	815	869	983	2424.3	2488.1	2599.8	2772.0	3135.7
	25-29 YRS	436	574	613	676	651	991.4	1305.2	1393.9	1537.1	1480.3
	30-34 YRS	209	235	287	327	343	541.3	608.6	743.3	846.9	888.3
	35-39 YRS	85	118	106	135	155	261.1	362.5	325.7	414.8	476.2
	40-44 YRS	53	64	61	71	70	189.5	228.9	218.1	253.9	250.3
	45-54 YRS	34	55	76	78	88	66.6	107.7	148.8	152.7	172.3
	55-64 YRS	13	16	21	25	33	27.4	33.8	44.3	52.8	69.7
	65+ YRS	3	2	1	3	3	4.8	3.2	1.6	4.8	4.8
MALE (ALL)		3,075	3,758	4,862	5,498	6,203	752.8	920.0	1190.3	1346.0	1518.6
	15-19 YRS	101	100	124	131	169	598.1	592.1	734.2	775.7	1000.7
	20-24 YRS	489	589	673	710	765	1670.7	2012.4	2299.4	2425.8	2613.7
	25-29 YRS	683	835	1,146	1,282	1,460	1546.0	1890.1	2594.1	2901.9	3304.8
	30-34 YRS	502	658	904	1,044	1,250	1214.0	1591.3	2186.2	2524.7	3022.9
	35-39 YRS	370	450	584	742	806	967.0	1176.0	1526.2	1939.2	2106.4
	40-44 YRS	320	413	447	475	535	916.7	1183.2	1280.6	1360.8	1532.7
	45-54 YRS	478	564	764	828	890	787.0	928.5	1257.8	1363.2	1465.3
	55-64 YRS	104	119	185	246	279	211.2	241.7	375.8	499.7	566.7
	65+ YRS	22	18	28	36	42	46.1	37.7	58.7	75.4	88.0

Cases of GONORRHEA

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(BOTH GENDERS) (ALL)		2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
	15-19 YRS	81	113	80	112	160	234.1	326.5	231.2	323.6	462.3
	20-24 YRS	348	460	582	616	640	574.1	758.9	960.1	1016.2	1055.8
	25-29 YRS	583	739	1,002	1,211	1,333	661.3	838.3	1136.6	1373.7	1512.1
	30-34 YRS	438	603	836	1,031	1,190	547.7	754.1	1045.5	1289.3	1488.2
	35-39 YRS	298	399	541	685	748	420.8	563.5	764.0	967.3	1056.3
	40-44 YRS	285	314	382	525	515	453.3	499.5	607.6	835.1	819.2
	45-54 YRS	385	497	641	768	844	344.3	444.5	573.3	686.9	754.9
	55-64 YRS	89	131	159	222	282	92.1	135.6	164.6	229.8	291.9
	65+ YRS	8	16	29	33	33	7.3	14.6	26.4	30.0	30.0
FEMALE (ALL)		203	376	381	487	623	51.2	94.8	96.0	122.7	157.0
	15-19 YRS	47	57	31	55	90	265.3	321.7	175.0	310.4	508.0
	20-24 YRS	55	101	100	110	155	175.4	322.2	319.0	350.9	494.4
	25-29 YRS	47	79	75	114	133	106.9	179.6	170.5	259.2	302.4
	30-34 YRS	19	51	71	83	98	49.2	132.1	183.9	215.0	253.8
	35-39 YRS	13	23	36	48	53	39.9	70.7	110.6	147.5	162.8
	40-44 YRS	11	28	31	36	38	39.3	100.1	110.9	128.7	135.9
	45-54 YRS	3	24	23	24	32	5.9	47.0	45.0	47.0	62.7
	55-64 YRS	4	6	7	12	15	8.4	12.7	14.8	25.3	31.7
	65+ YRS	1	2	3	3	3	1.6	3.2	4.8	4.8	4.8

Cases of GONORRHEA

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
MALE	(ALL)	2,314	2,901	3,873	4,710	5,111	566.5	710.2	948.2	1153.1	1251.3
	15-19 YRS	34	56	48	57	69	201.3	331.6	284.2	337.5	408.6
	20-24 YRS	291	359	482	503	481	994.2	1226.6	1646.8	1718.5	1643.4
	25-29 YRS	536	659	926	1,093	1,192	1213.3	1491.7	2096.1	2474.1	2698.2
	30-34 YRS	419	552	763	946	1,091	1013.3	1334.9	1845.2	2287.7	2638.4
	35-39 YRS	285	376	504	636	694	744.8	982.6	1317.2	1662.1	1813.7
	40-44 YRS	274	286	351	488	476	785.0	819.3	1005.6	1398.0	1363.7
	45-54 YRS	380	471	618	743	811	625.6	775.4	1017.5	1223.2	1335.2
	55-64 YRS	85	125	152	210	265	172.7	253.9	308.7	426.6	538.3
	65+ YRS	7	14	26	29	30	14.7	29.3	54.5	60.7	62.8

Cases of EARLY SYPHILIS

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(BOTH GENDERS)	(ALL)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
	15-19 YRS	5	5	9	3	10	14.4	14.4	26.0	8.7	28.9
	20-24 YRS	55	61	72	77	85	90.7	100.6	118.8	127.0	140.2
	25-29 YRS	133	130	140	154	219	150.9	147.5	158.8	174.7	248.4
	30-34 YRS	137	154	194	172	243	171.3	192.6	242.6	215.1	303.9
	35-39 YRS	116	145	139	151	213	163.8	204.8	196.3	213.2	300.8
	40-44 YRS	177	184	132	155	163	281.5	292.7	210.0	246.5	259.3
	45-54 YRS	296	312	384	315	363	264.7	279.1	343.4	281.7	324.7
	55-64 YRS	82	89	115	108	129	84.9	92.1	119.1	111.8	133.5
	65+ YRS	10	13	20	12	28	9.1	11.8	18.2	10.9	25.5
FEMALE	(ALL)	21	17	30	32	29	5.3	4.3	7.6	8.1	7.3
	15-19 YRS	0	2	1	1	0	0.0	11.3	5.6	5.6	0.0
	20-24 YRS	5	2	4	9	4	15.9	6.4	12.8	28.7	12.8
	25-29 YRS	4	3	4	6	7	9.1	6.8	9.1	13.6	15.9
	30-34 YRS	1	1	3	5	6	2.6	2.6	7.8	12.9	15.5
	35-39 YRS	0	2	4	2	6	0.0	6.1	12.3	6.1	18.4
	40-44 YRS	1	3	3	2	2	3.6	10.7	10.7	7.2	7.2
	45-54 YRS	6	1	9	4	3	11.7	2.0	17.6	7.8	5.9
	55-64 YRS	3	3	0	3	1	6.3	6.3	0.0	6.3	2.1
	65+ YRS	1	0	2	0	0	1.6	0.0	3.2	0.0	0.0
MALE	(ALL)	990	1,076	1,175	1,114	1,420	242.4	263.4	287.7	272.7	347.6
	15-19 YRS	5	3	8	2	10	29.6	17.8	47.4	11.8	59.2
	20-24 YRS	50	58	68	68	81	170.8	198.2	232.3	232.3	276.7
	25-29 YRS	129	127	136	148	210	292.0	287.5	307.8	335.0	475.3
	30-34 YRS	136	153	191	166	237	328.9	370.0	461.9	401.4	573.1
	35-39 YRS	116	143	135	149	205	303.2	373.7	352.8	389.4	535.8
	40-44 YRS	176	180	129	153	161	504.2	515.7	369.6	438.3	461.2
	45-54 YRS	290	311	374	311	360	477.4	512.0	615.7	512.0	592.7
	55-64 YRS	79	86	115	105	128	160.5	174.7	233.6	213.3	260.0
	65+ YRS	9	13	18	12	28	18.9	27.2	37.7	25.1	58.7

Geography

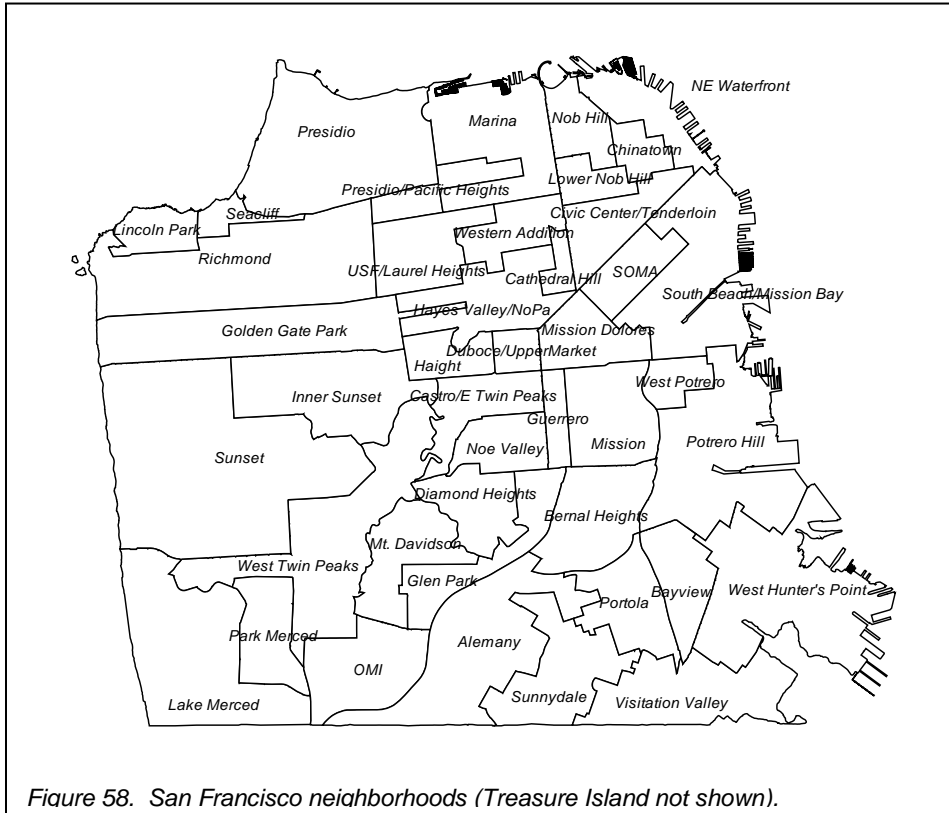


Figure 58. San Francisco neighborhoods (Treasure Island not shown).

Addresses of cases were grouped into 44 neighborhoods (see Figure 58). Neighborhoods were defined using groups of census tracts that were contiguous on sociodemographic data from the 2010 census and matched to the traditional definitions used by neighborhood residents as much as possible.¹

The census tract for each address was determined from computer geocoding. Some addresses were vague or not recognized as valid San Francisco addresses, and therefore could not be assigned to a neighborhood.

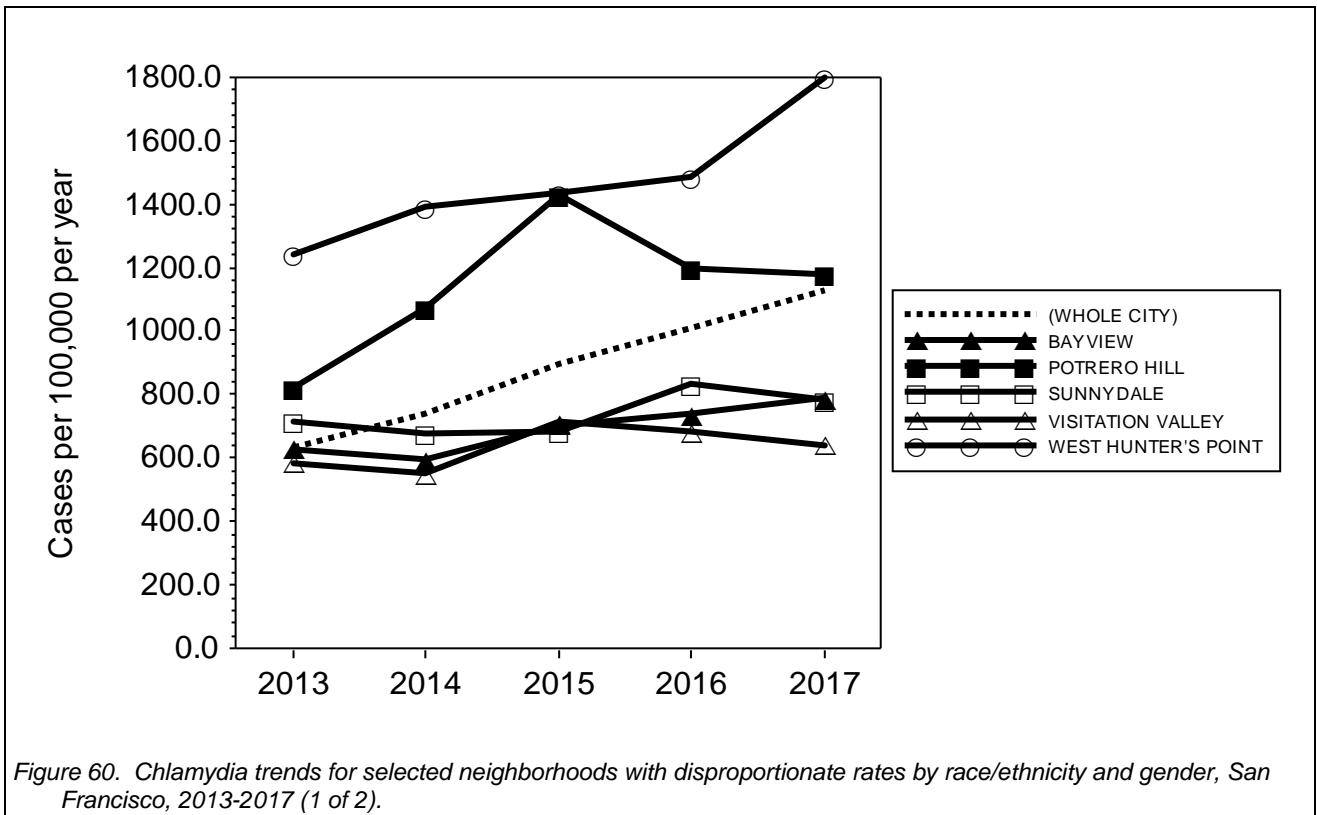
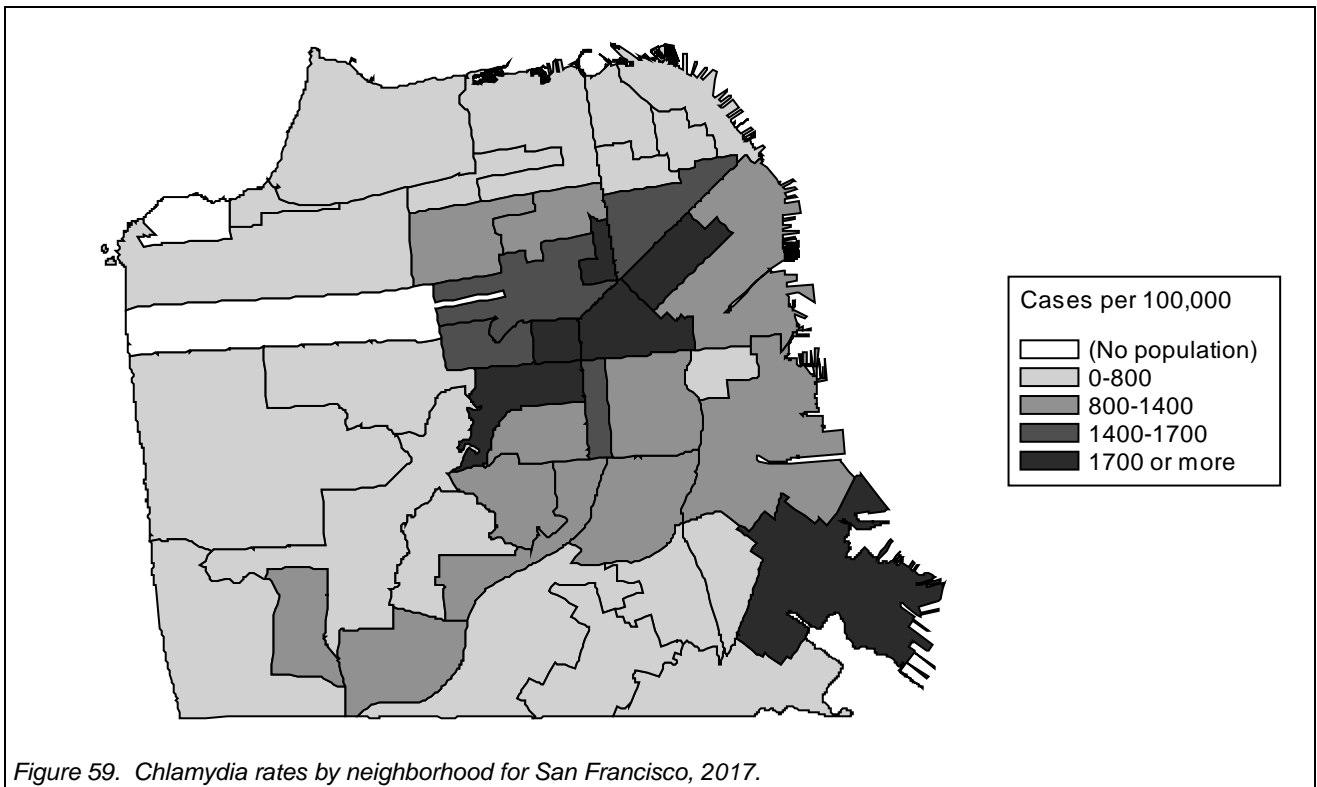
Although the law requires addresses to be included in STD reports, they are often missing. In 2017,

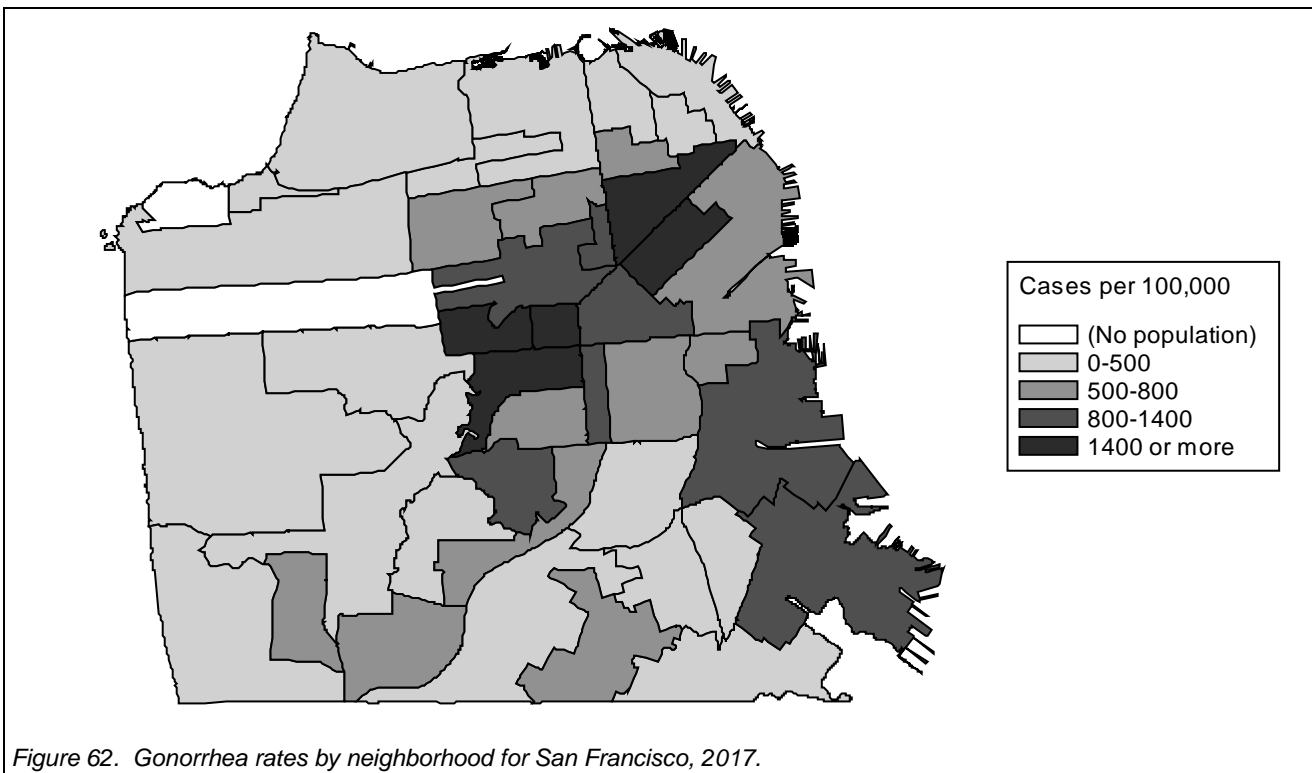
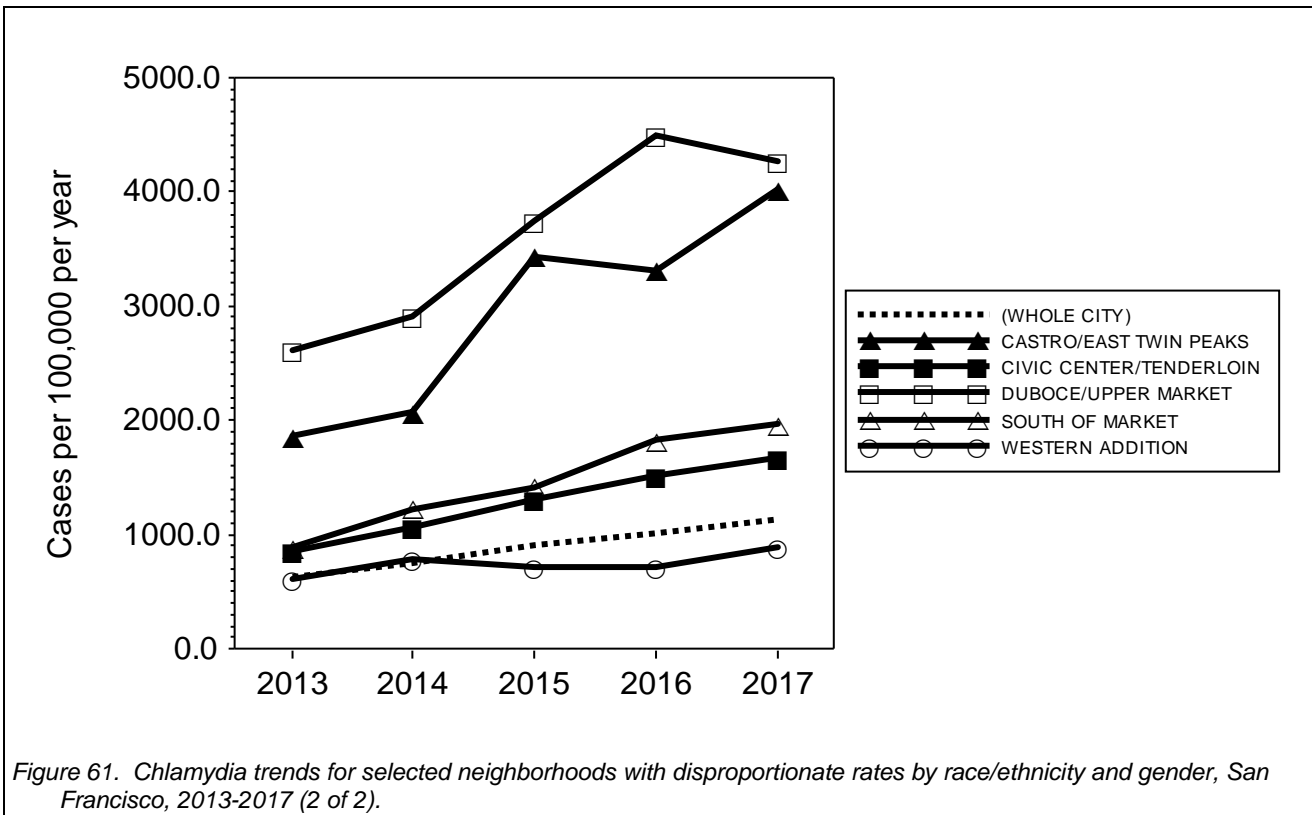
approximately 11 percent of all gonorrhea and chlamydia reports were missing addresses. Cases that were missing addresses, homeless, or otherwise unable to be assigned to a neighborhood are not included in these geographic analyses, but are counted as San Francisco morbidity and included in all other citywide analyses. Note that the rate obtained from combining the rates for each neighborhood will therefore be lower than the actual overall rate for the city.

- High rates of chlamydia continue to be concentrated in two sectors of San Francisco, representing two overlapping epidemics among adolescents of color (southeastern sector of the city) and men who have sex with men (around and between the Castro District and SoMA).
- Gonorrhea rates were highest in the Castro/East Twin Peaks and Duboce Triangle/Upper Market neighborhoods, both having a rate in excess of 3,300 cases per 100,000 residents.
- Syphilis continues to concentrate in the Castro/East Twin Peaks, Duboce Triangle/Upper Market, and Mission Dolores neighborhoods.
- The proportion of total reported STD morbidity among homeless persons increased in 2017, with the majority of the increase seen in the near doubling of the proportion of early syphilis represented by homeless persons (from 1.7% in 2016 to 3.1% in 2017). Information on housing status is incomplete and the proportion of cases experiencing homelessness or unstable housing is likely underestimated.

Note on maps on following pages: Each map has four ranges of rates. The four ranges are divided by the median, 75th percentile, and 90th percentile of rates for all neighborhoods rounded down to the nearest hundredth. For each map, therefore, the neighborhoods in the lowest range are in the bottom half of rates, while the highest are the top ten percent.

¹ Neighborhoods were redefined starting with the 2012 Annual Summary. While most remained the same as in the prior reports, some were expanded and others were divided into new neighborhoods. This should be noted when comparing results in this section to geography analyses in annual summaries from before 2012.





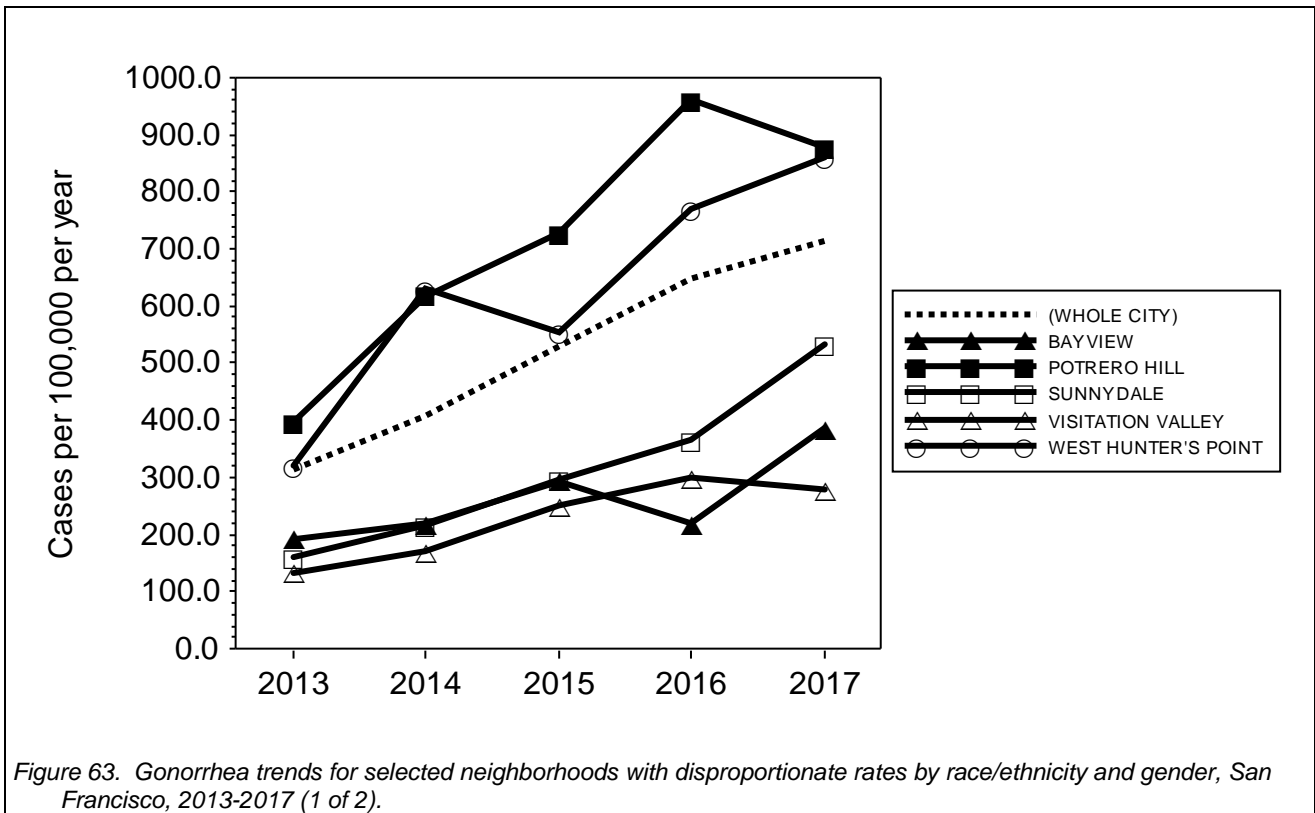


Figure 63. Gonorrhea trends for selected neighborhoods with disproportionate rates by race/ethnicity and gender, San Francisco, 2013-2017 (1 of 2).

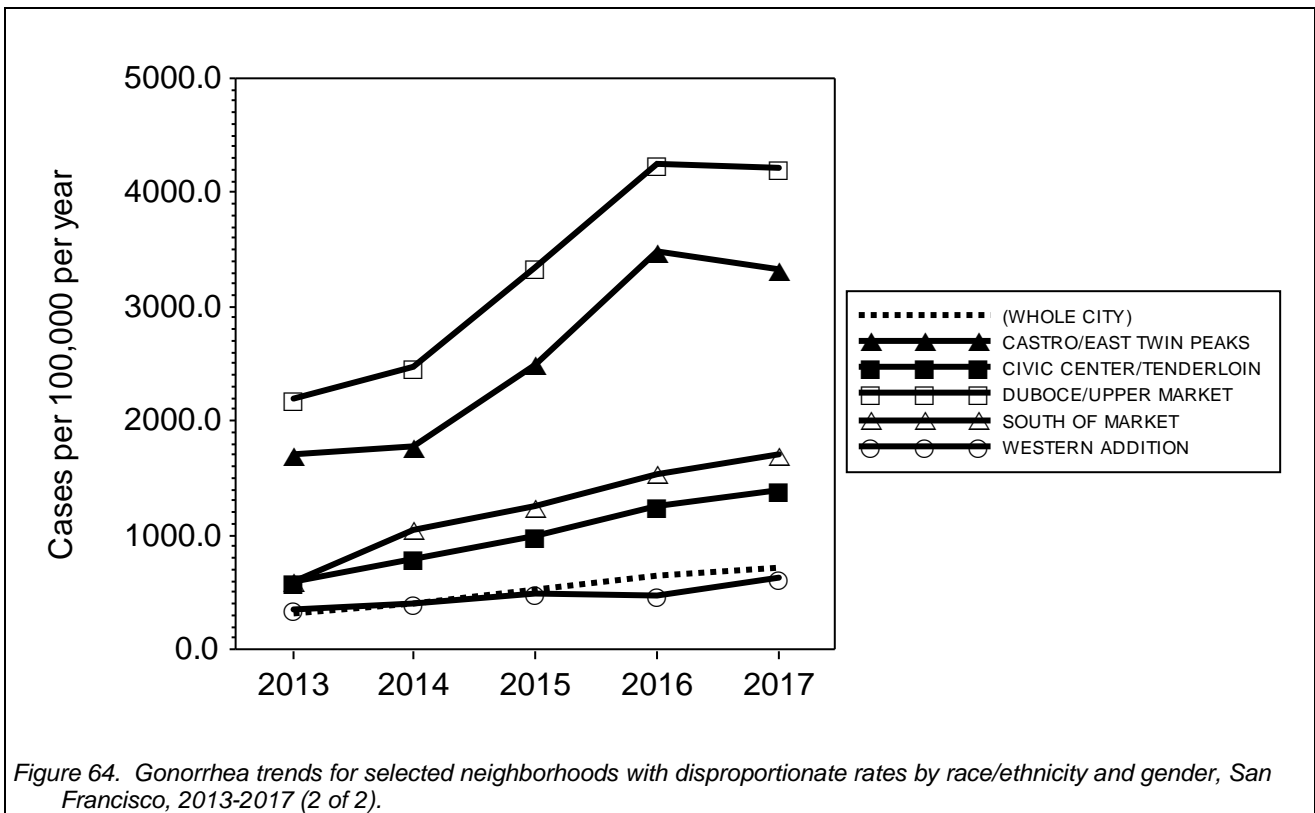


Figure 64. Gonorrhea trends for selected neighborhoods with disproportionate rates by race/ethnicity and gender, San Francisco, 2013-2017 (2 of 2).

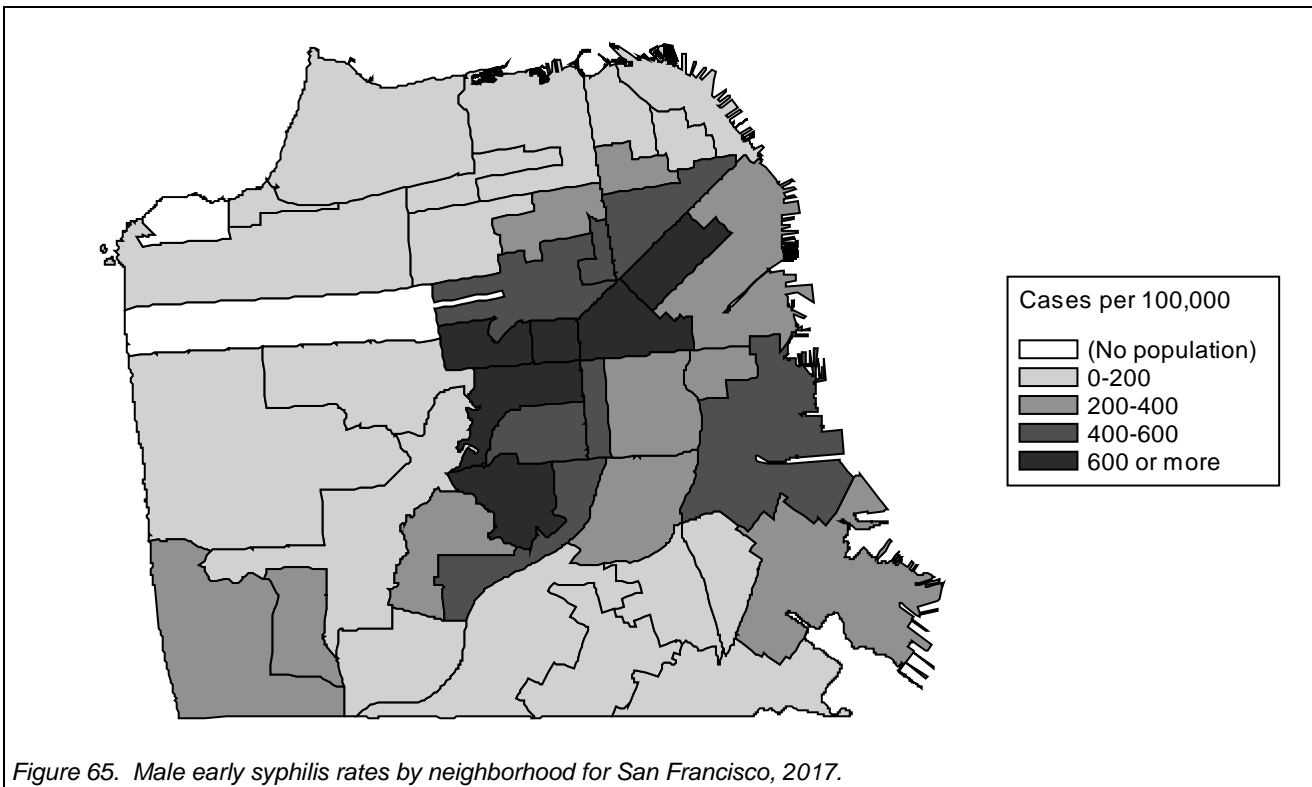


Figure 65. Male early syphilis rates by neighborhood for San Francisco, 2017.

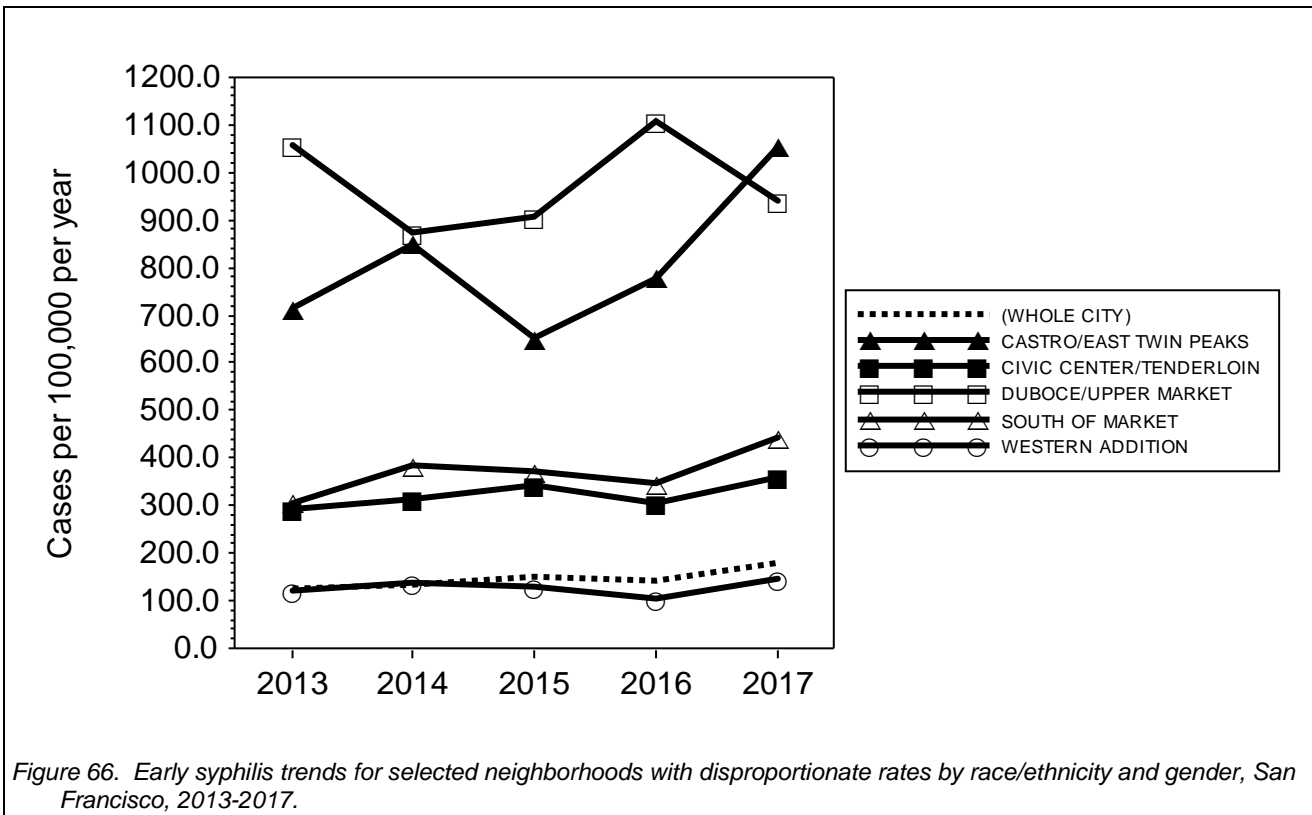


Figure 66. Early syphilis trends for selected neighborhoods with disproportionate rates by race/ethnicity and gender, San Francisco, 2013-2017.

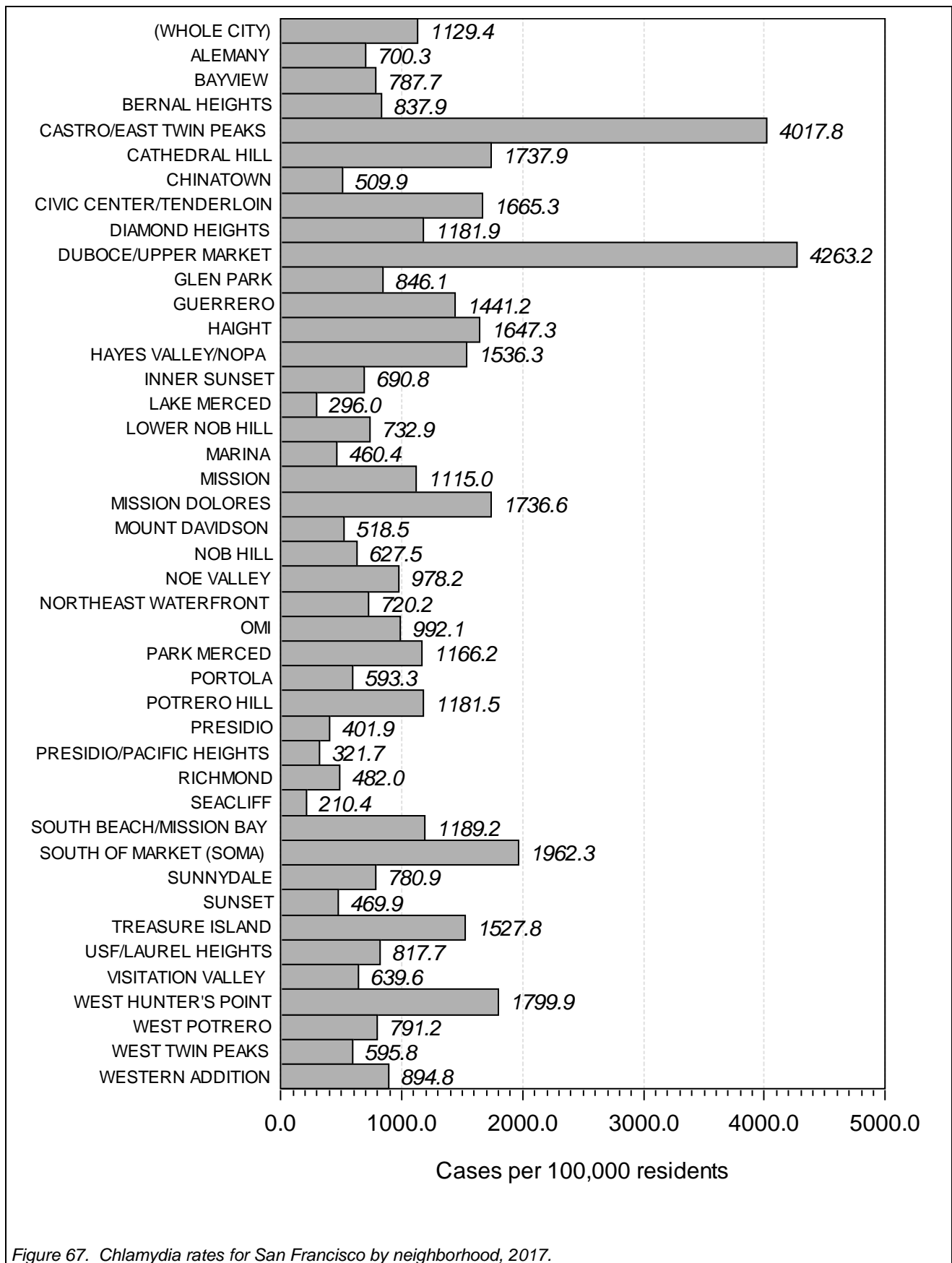
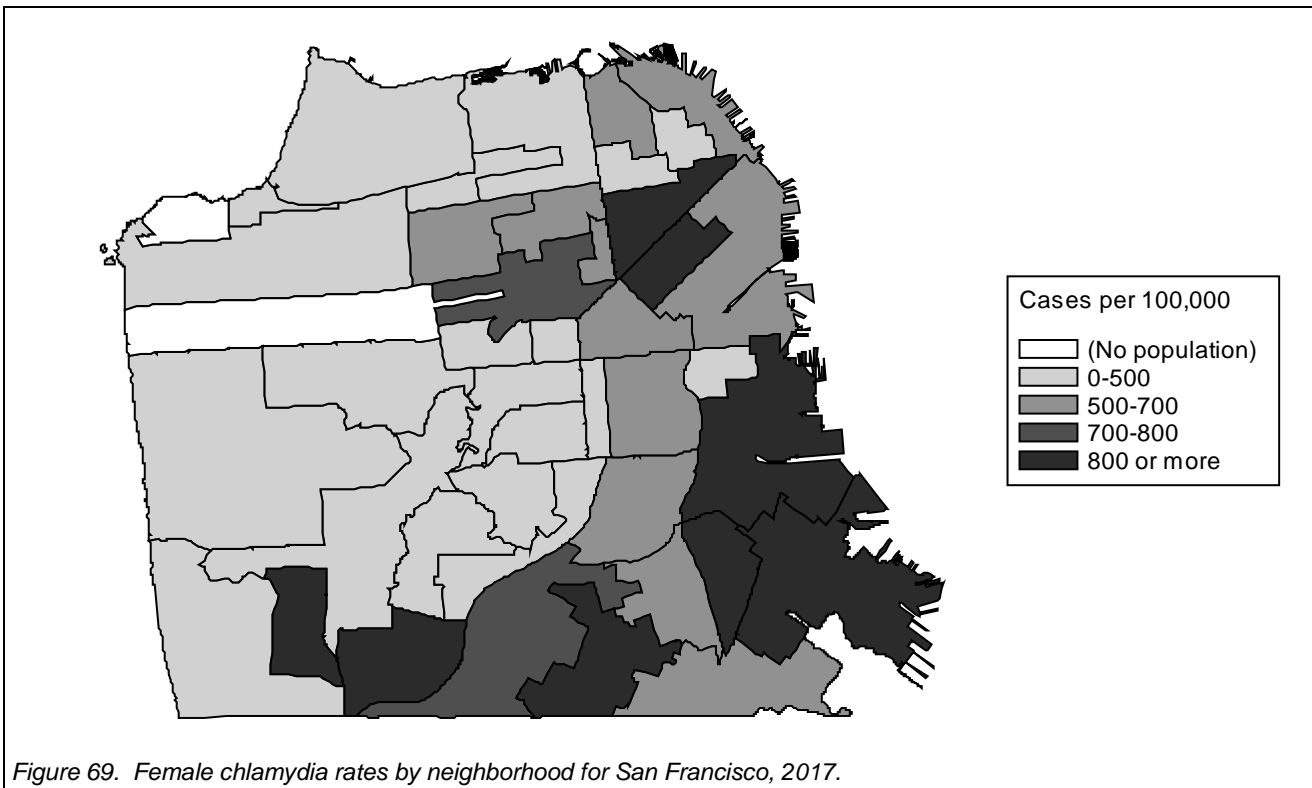
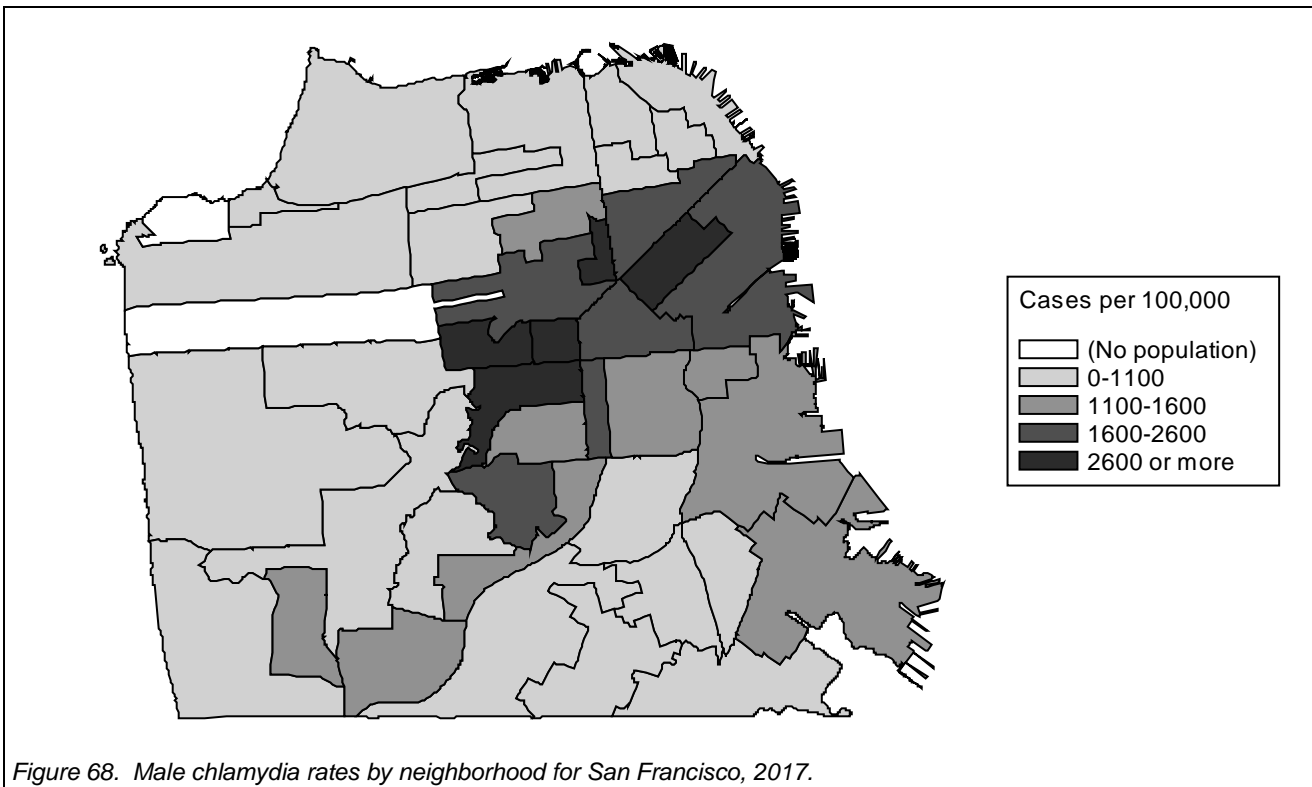


Figure 67. Chlamydia rates for San Francisco by neighborhood, 2017.



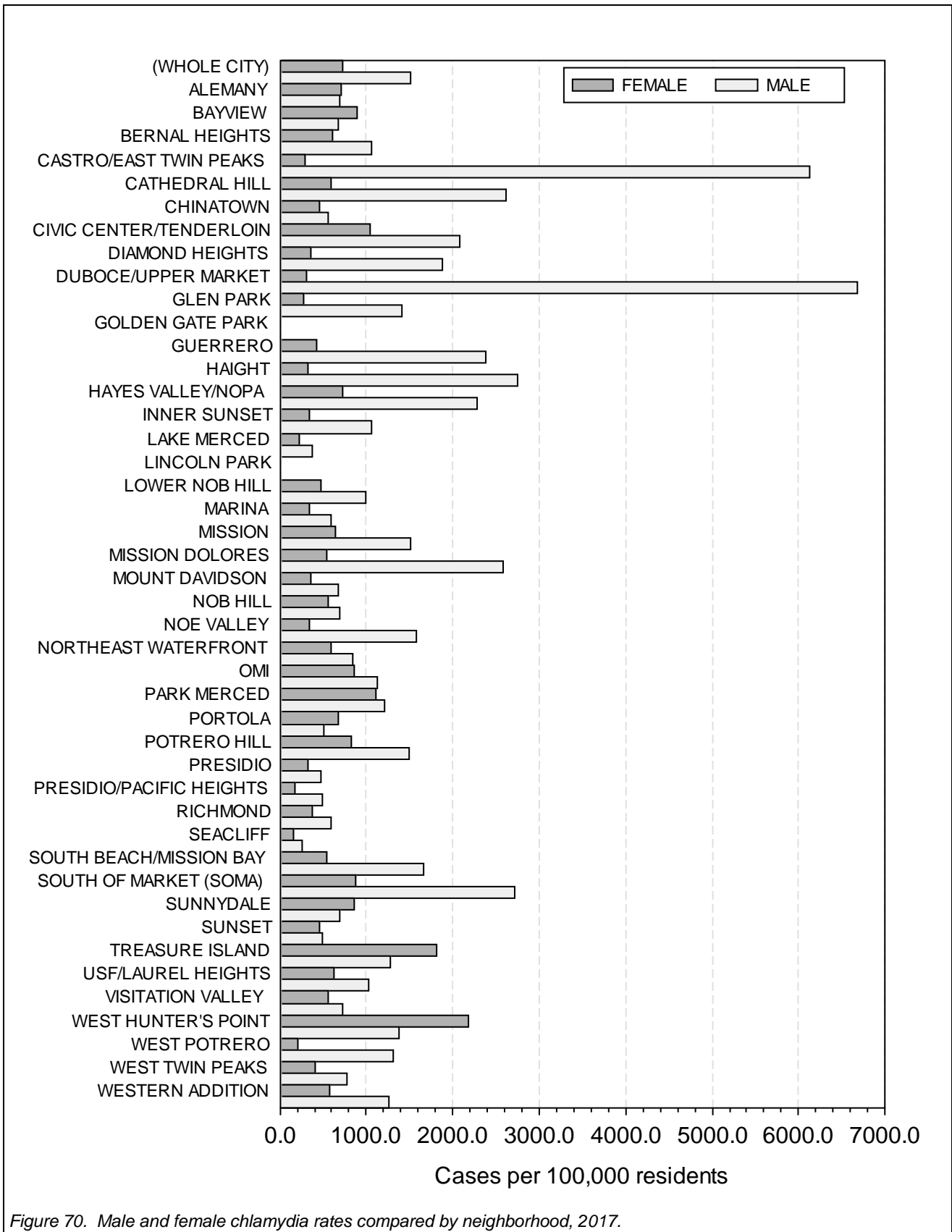


Figure 70. Male and female chlamydia rates compared by neighborhood, 2017.

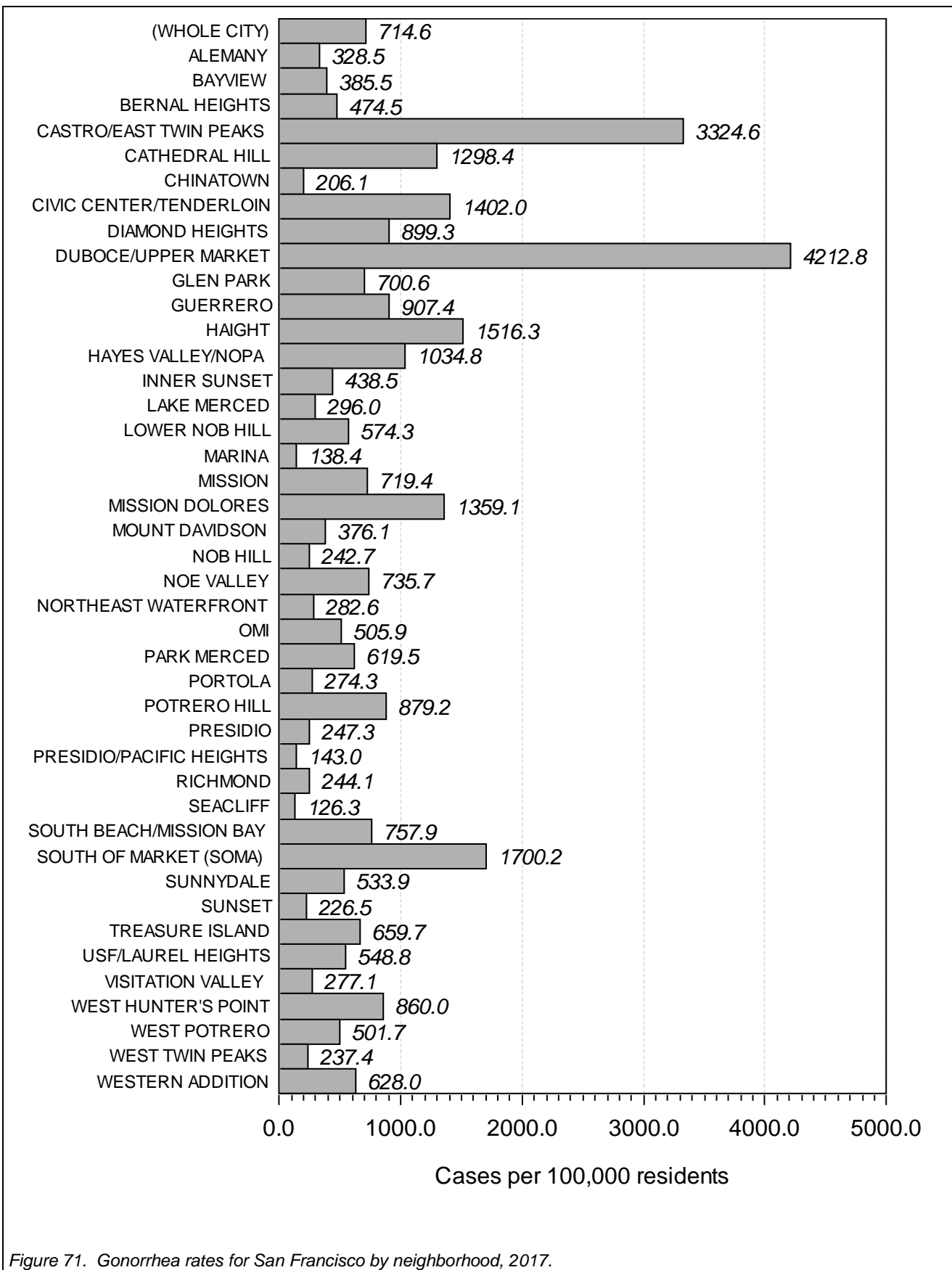
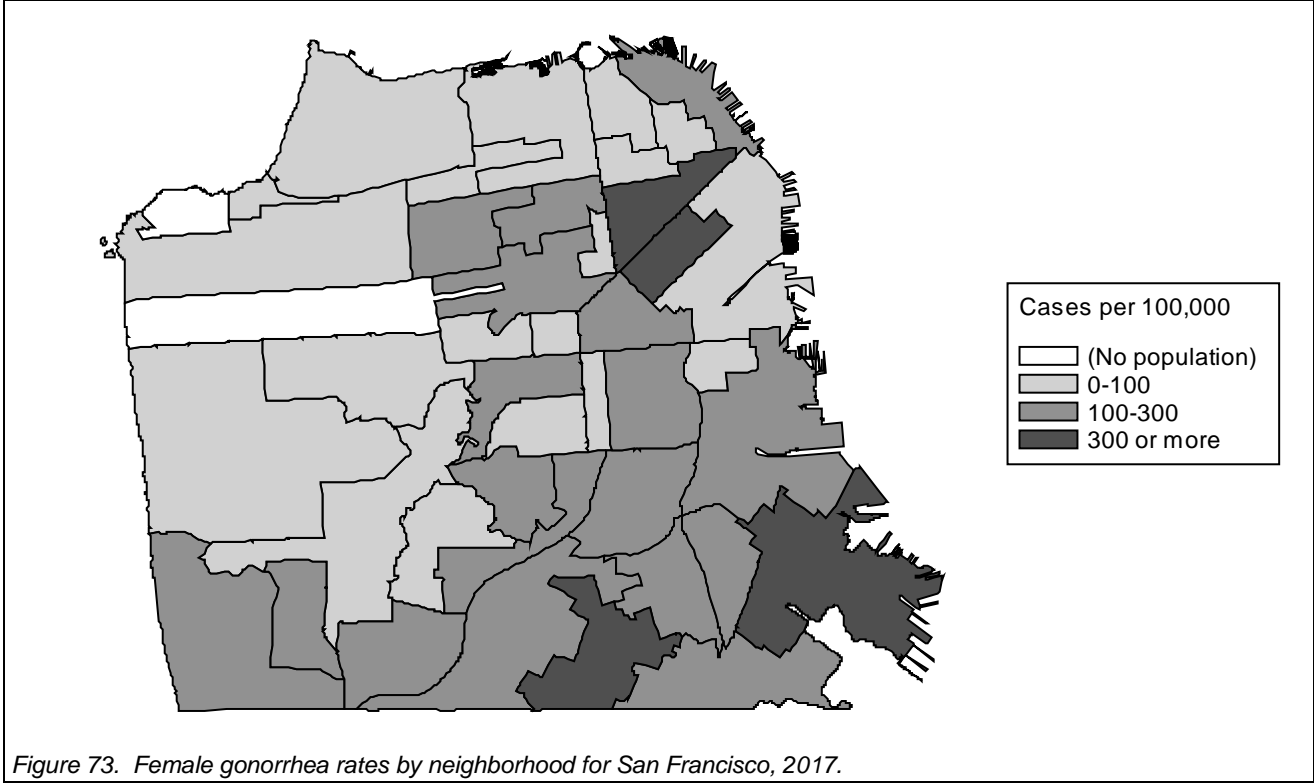
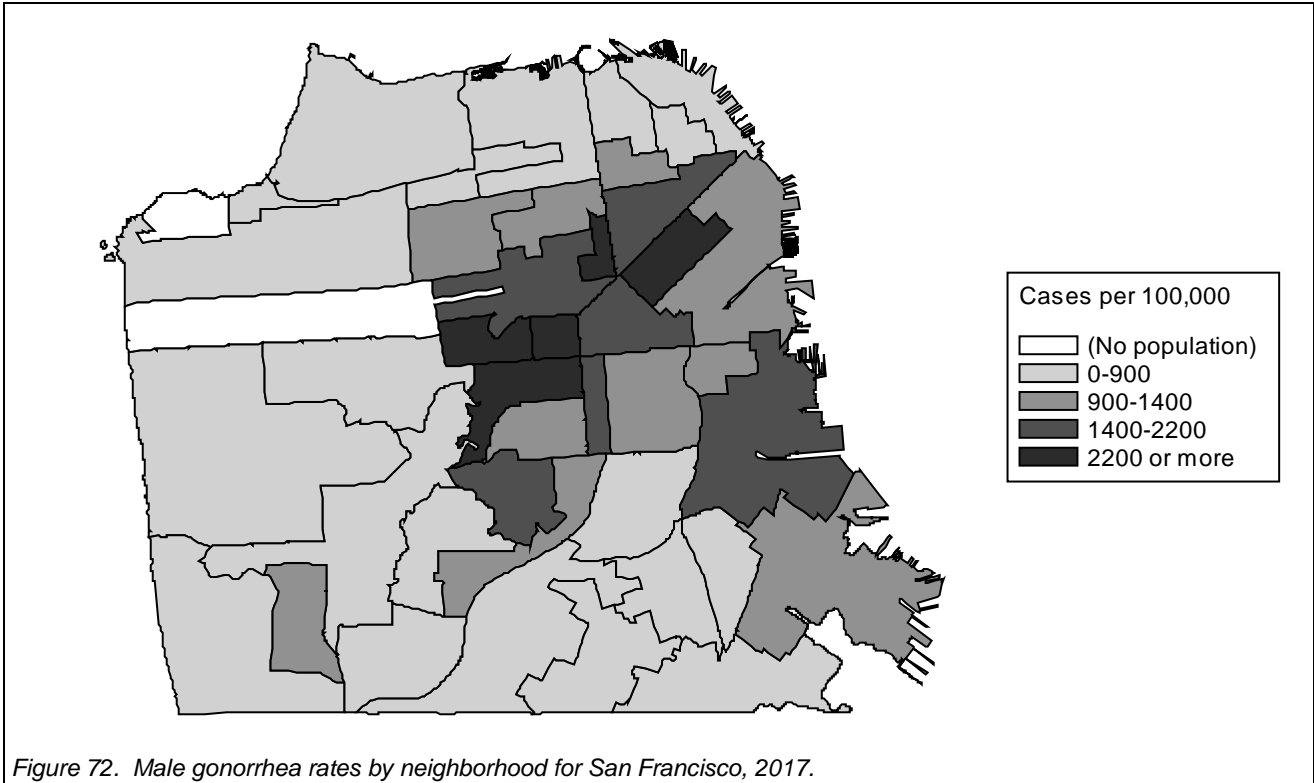


Figure 71. Gonorrhea rates for San Francisco by neighborhood, 2017.



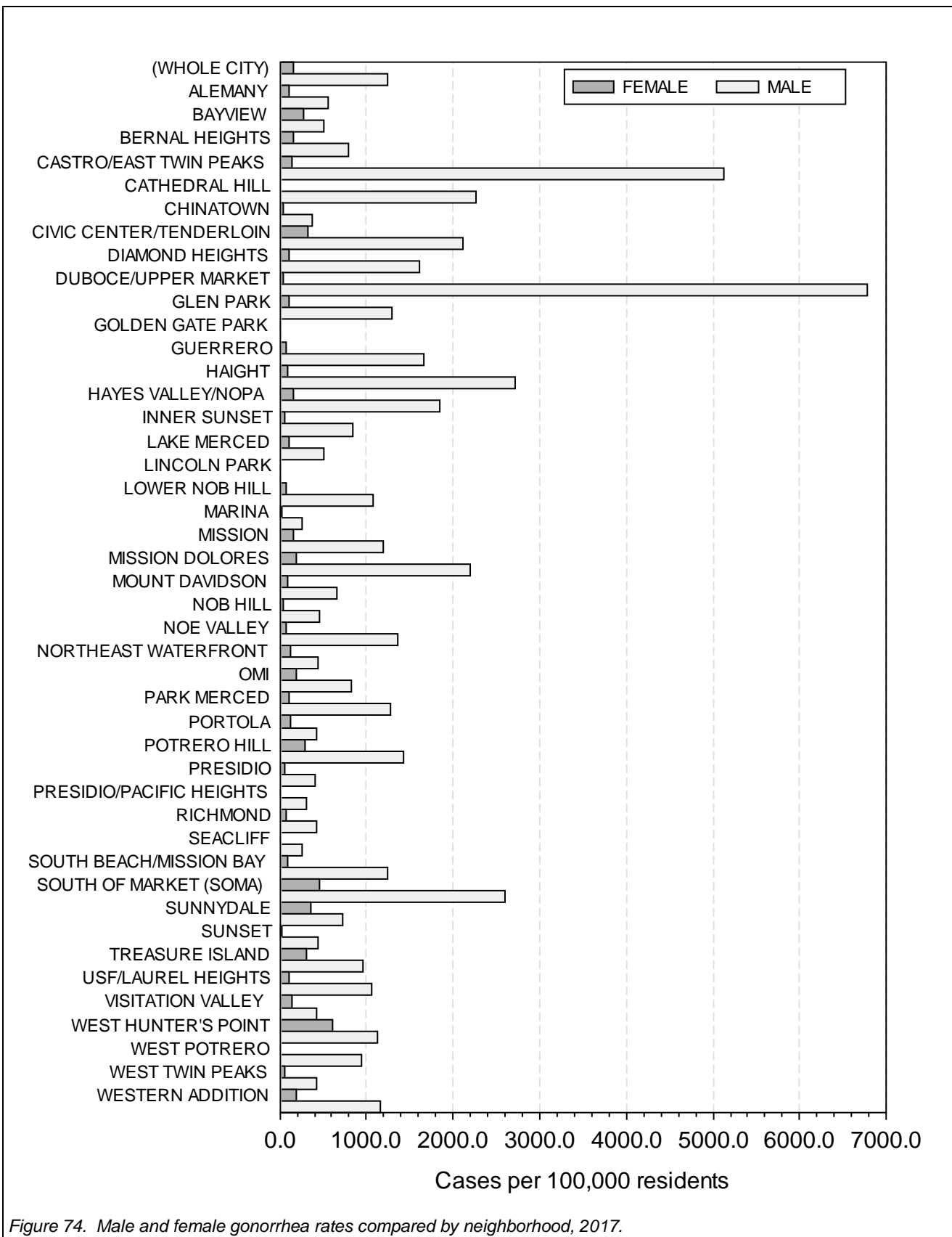


Figure 74. Male and female gonorrhea rates compared by neighborhood, 2017.

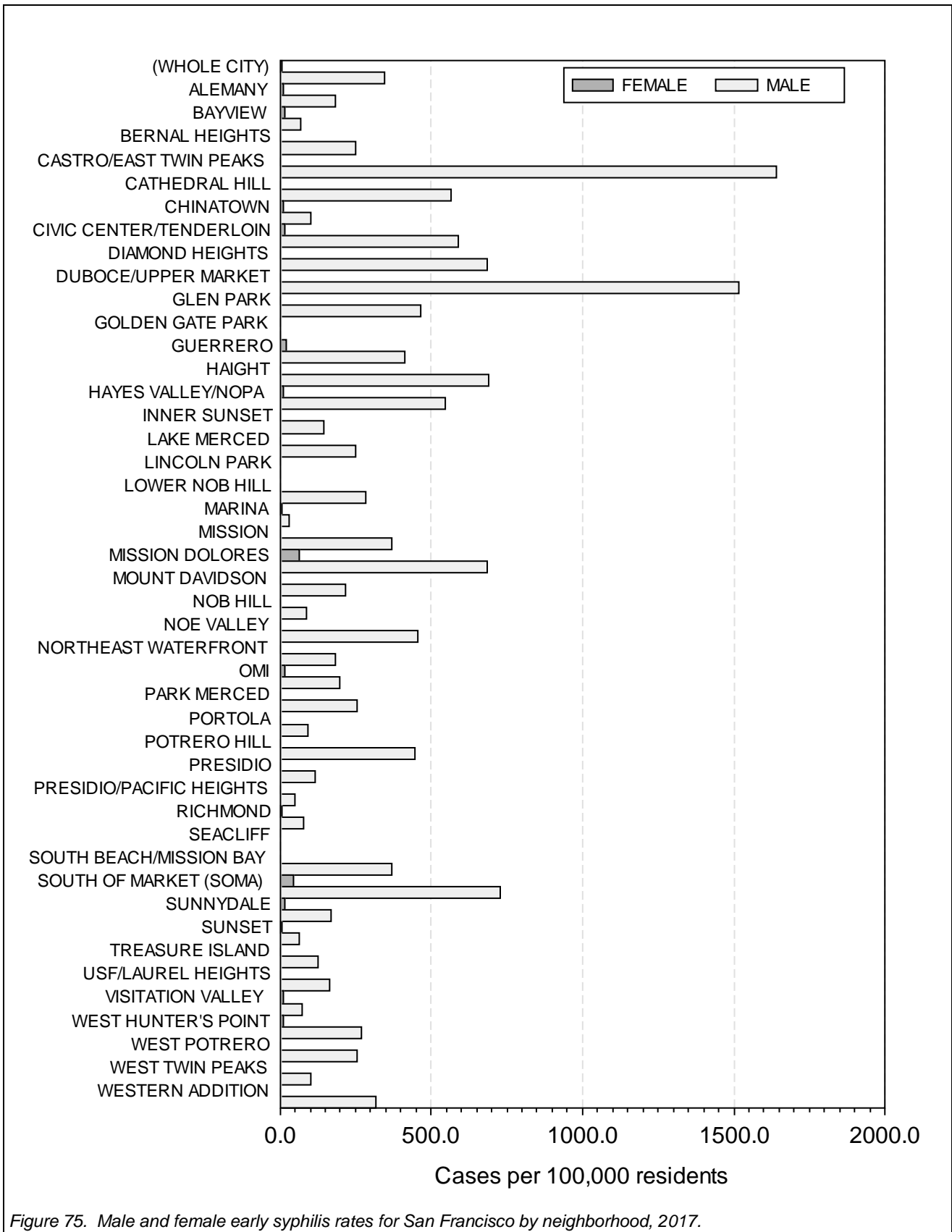


Figure 75. Male and female early syphilis rates for San Francisco by neighborhood, 2017.

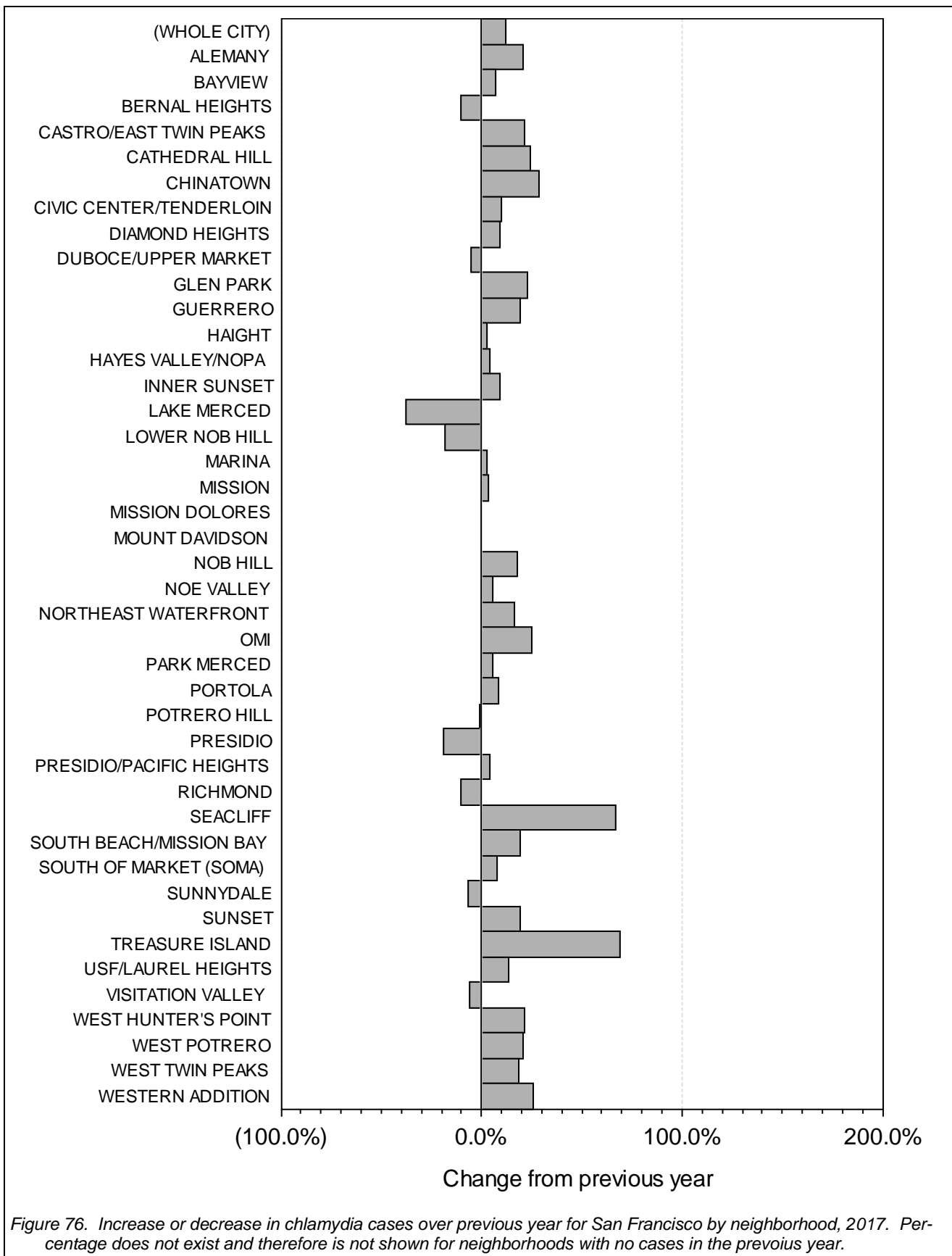


Figure 76. Increase or decrease in chlamydia cases over previous year for San Francisco by neighborhood, 2017. Percentage does not exist and therefore is not shown for neighborhoods with no cases in the previous year.

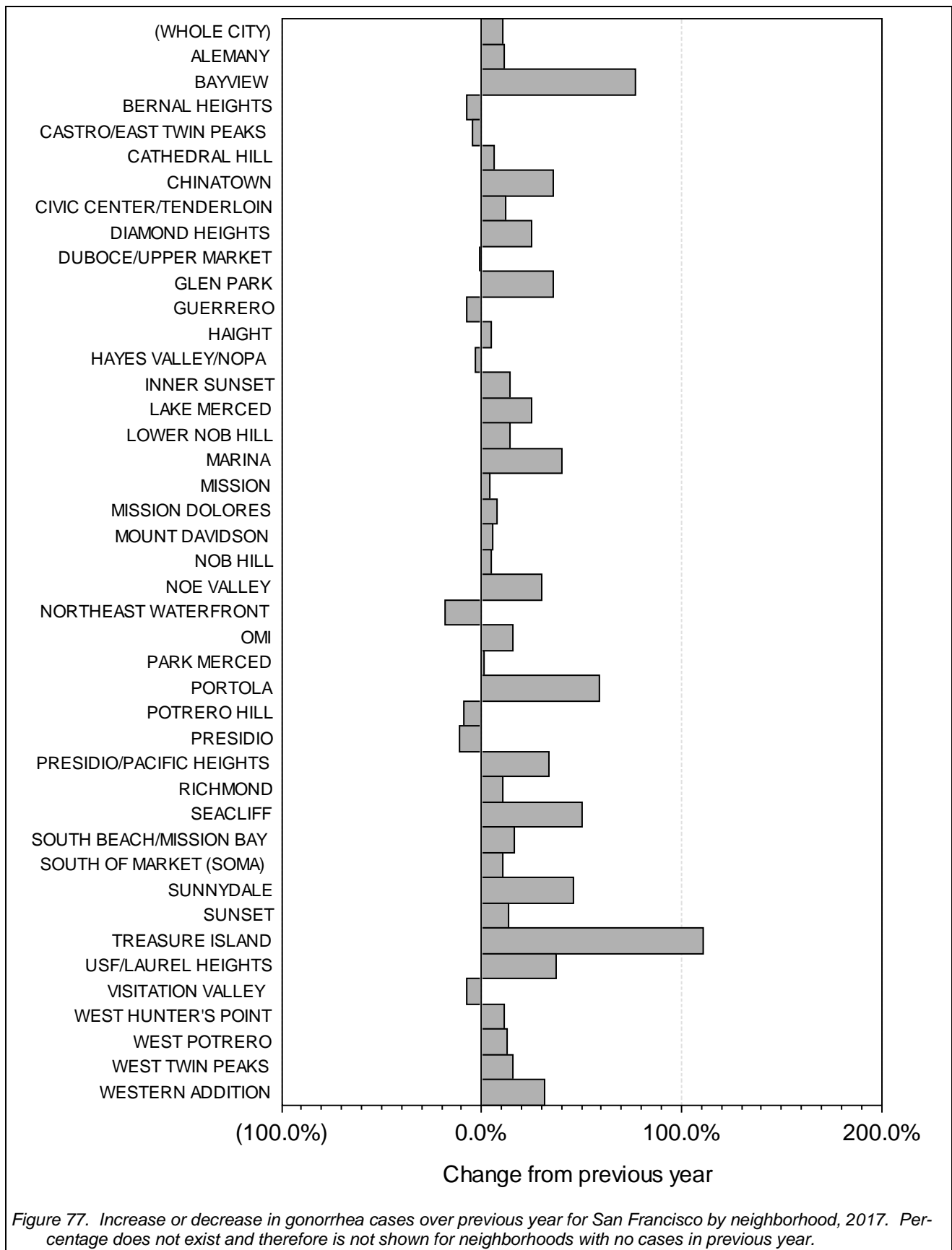


Figure 77. Increase or decrease in gonorrhea cases over previous year for San Francisco by neighborhood, 2017. Percentage does not exist and therefore is not shown for neighborhoods with no cases in previous year.

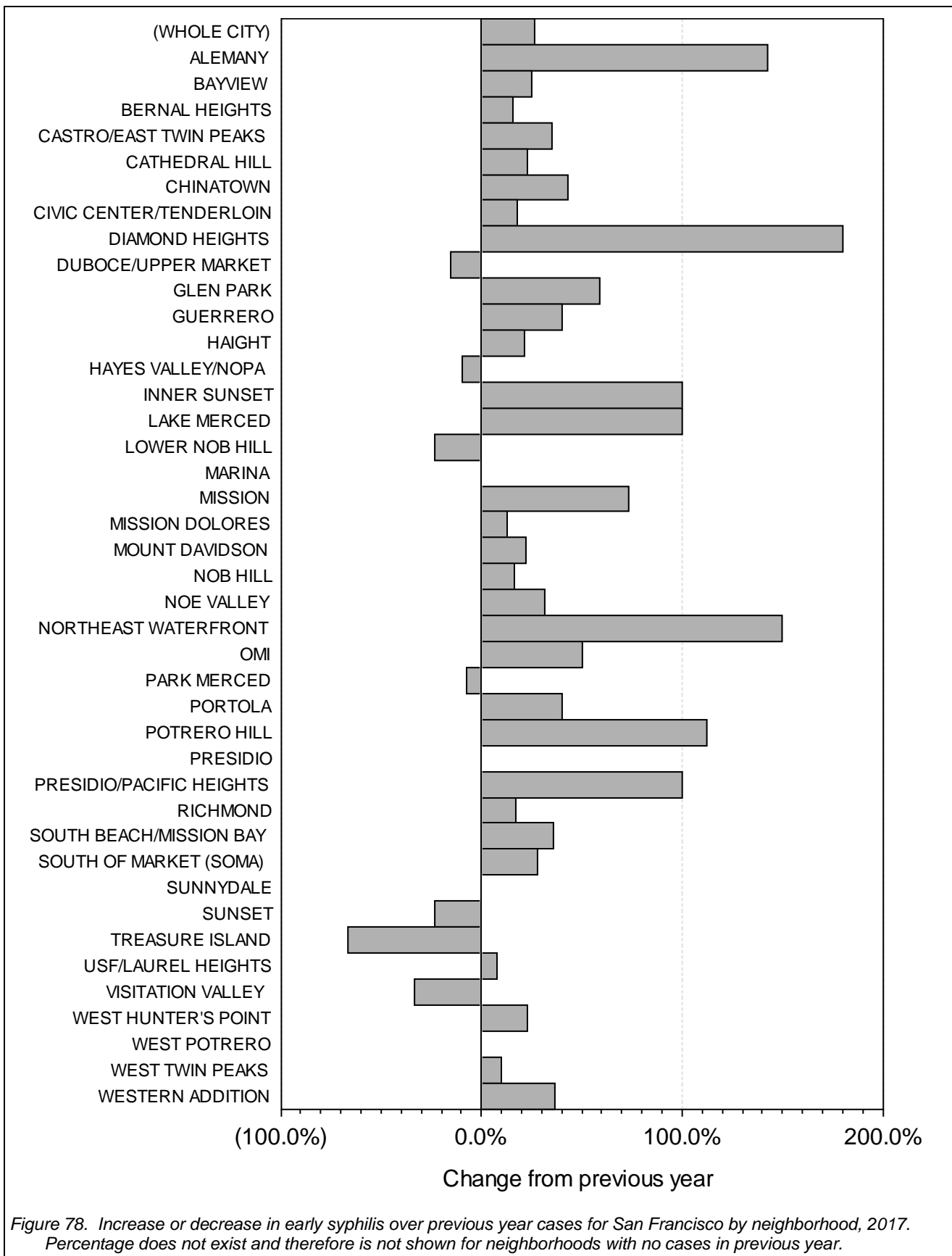


Figure 78. Increase or decrease in early syphilis over previous year cases for San Francisco by neighborhood, 2017. Percentage does not exist and therefore is not shown for neighborhoods with no cases in previous year.

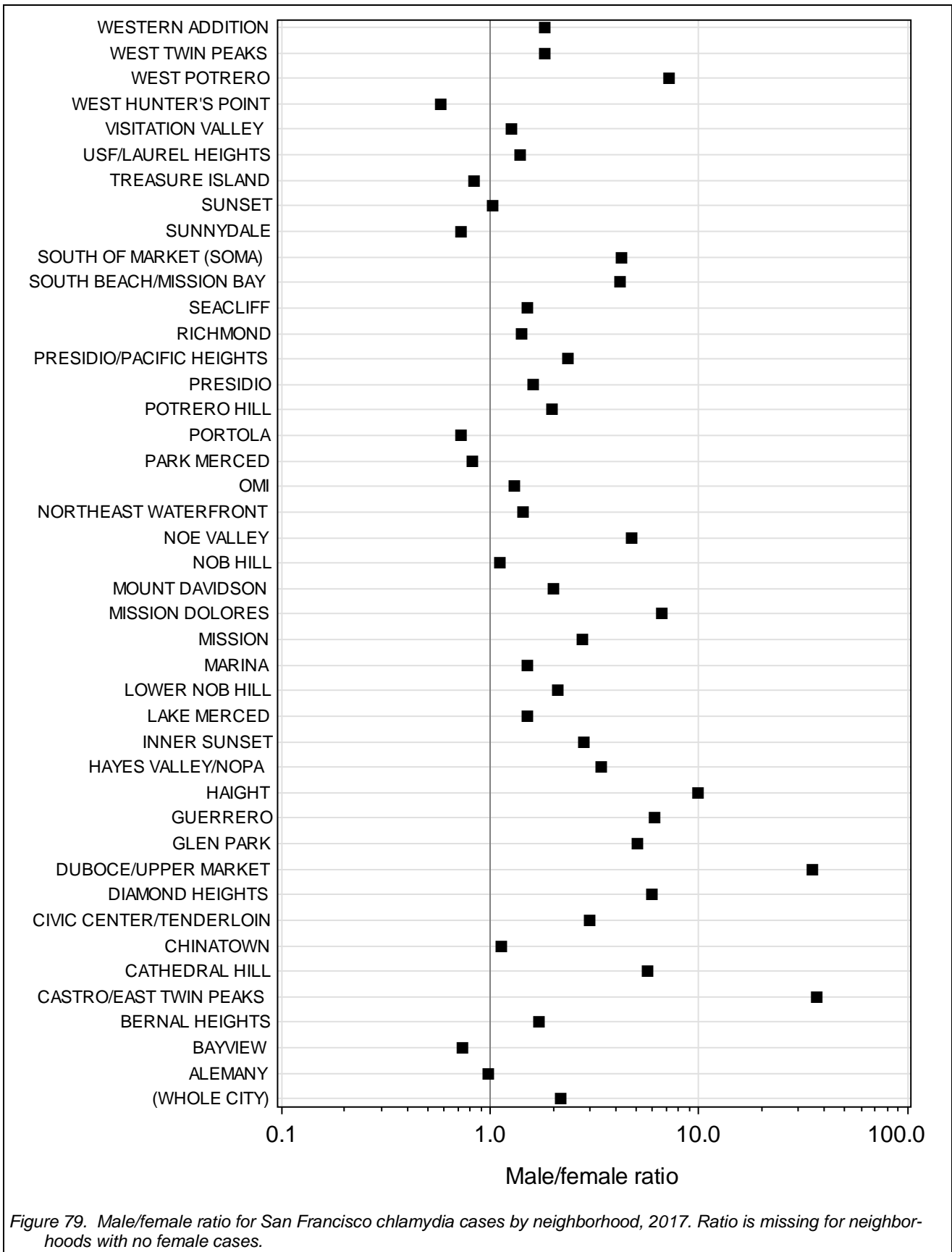


Figure 79. Male/female ratio for San Francisco chlamydia cases by neighborhood, 2017. Ratio is missing for neighborhoods with no female cases.

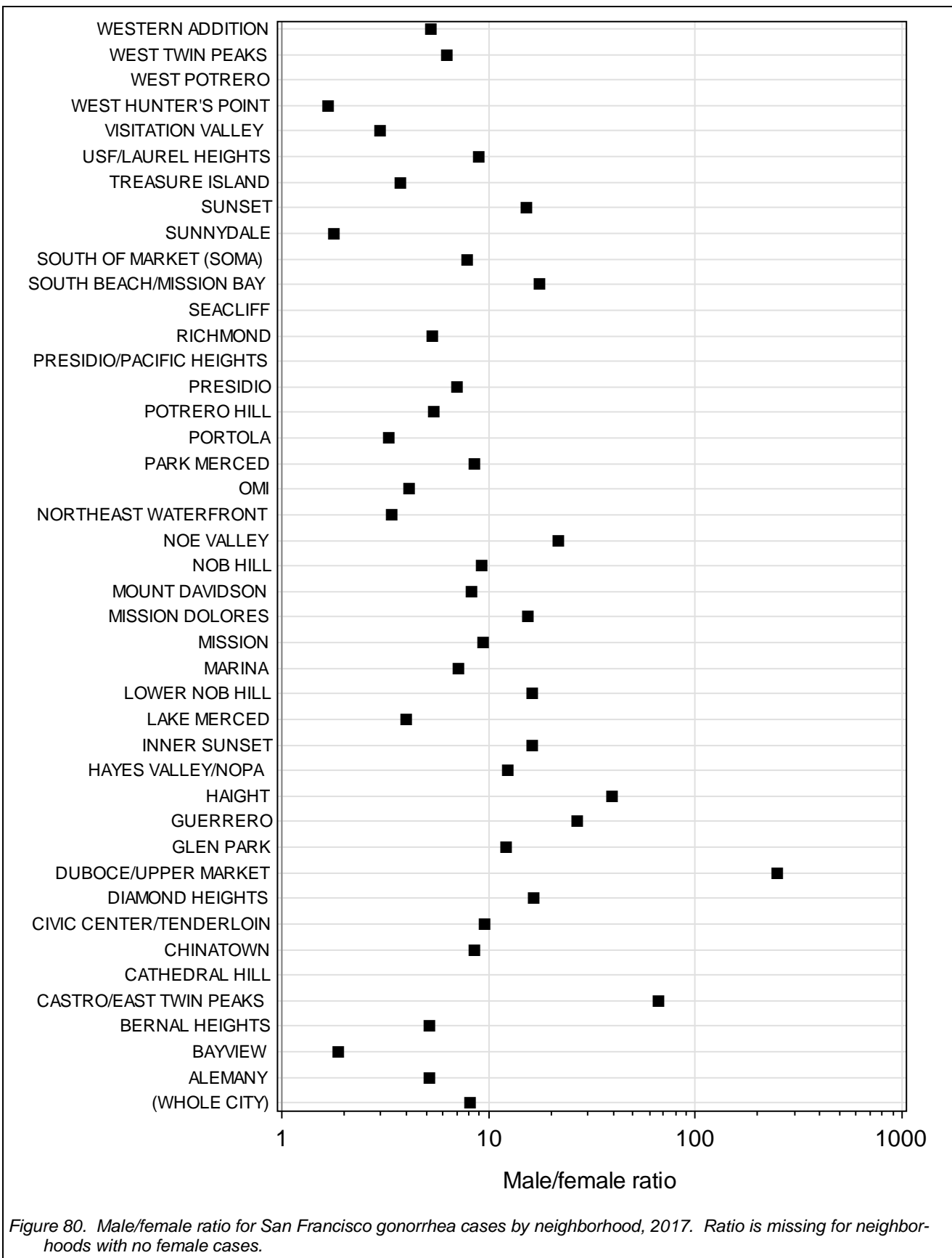


Figure 80. Male/female ratio for San Francisco gonorrhea cases by neighborhood, 2017. Ratio is missing for neighborhoods with no female cases.

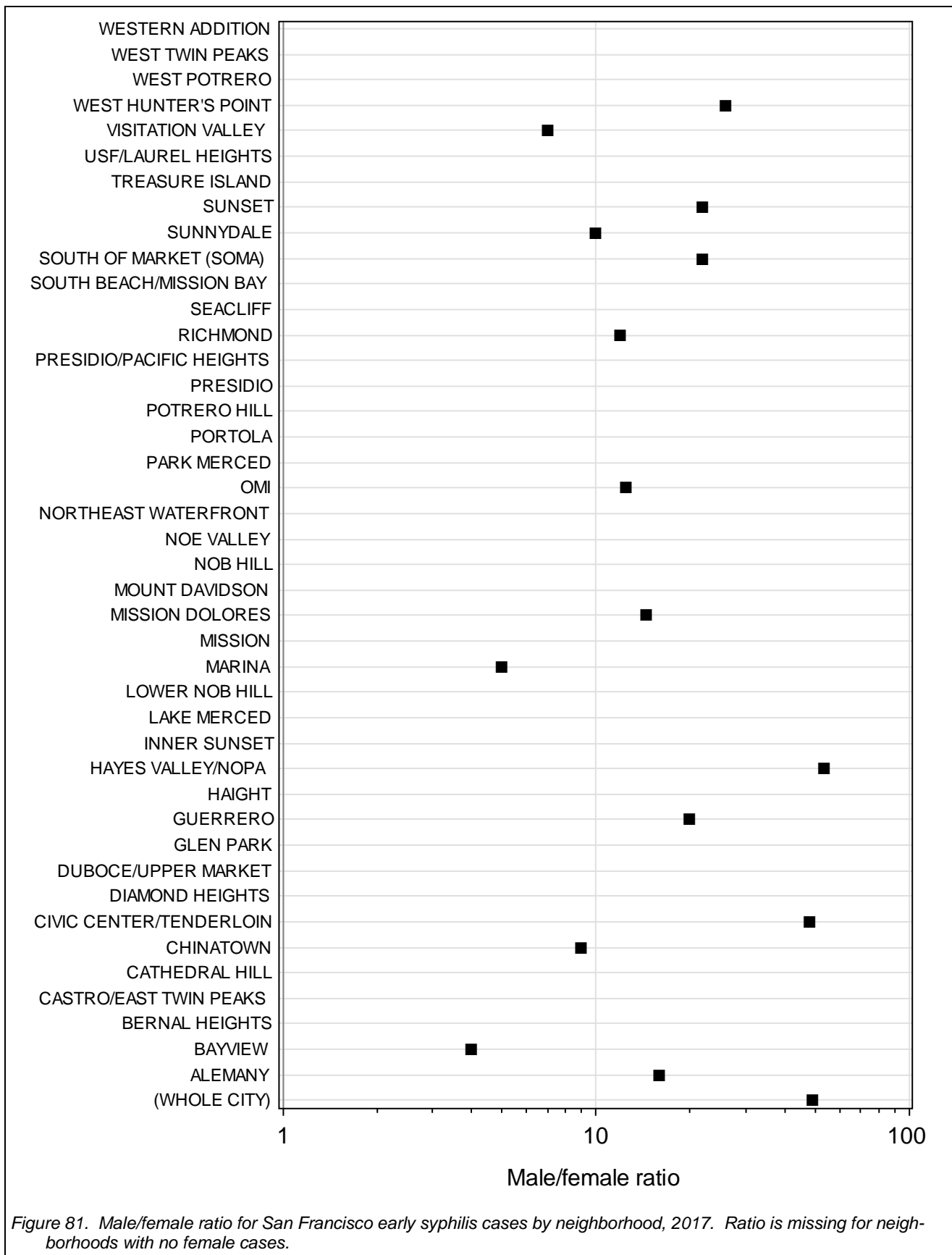


Figure 81. Male/female ratio for San Francisco early syphilis cases by neighborhood, 2017. Ratio is missing for neighborhoods with no female cases.

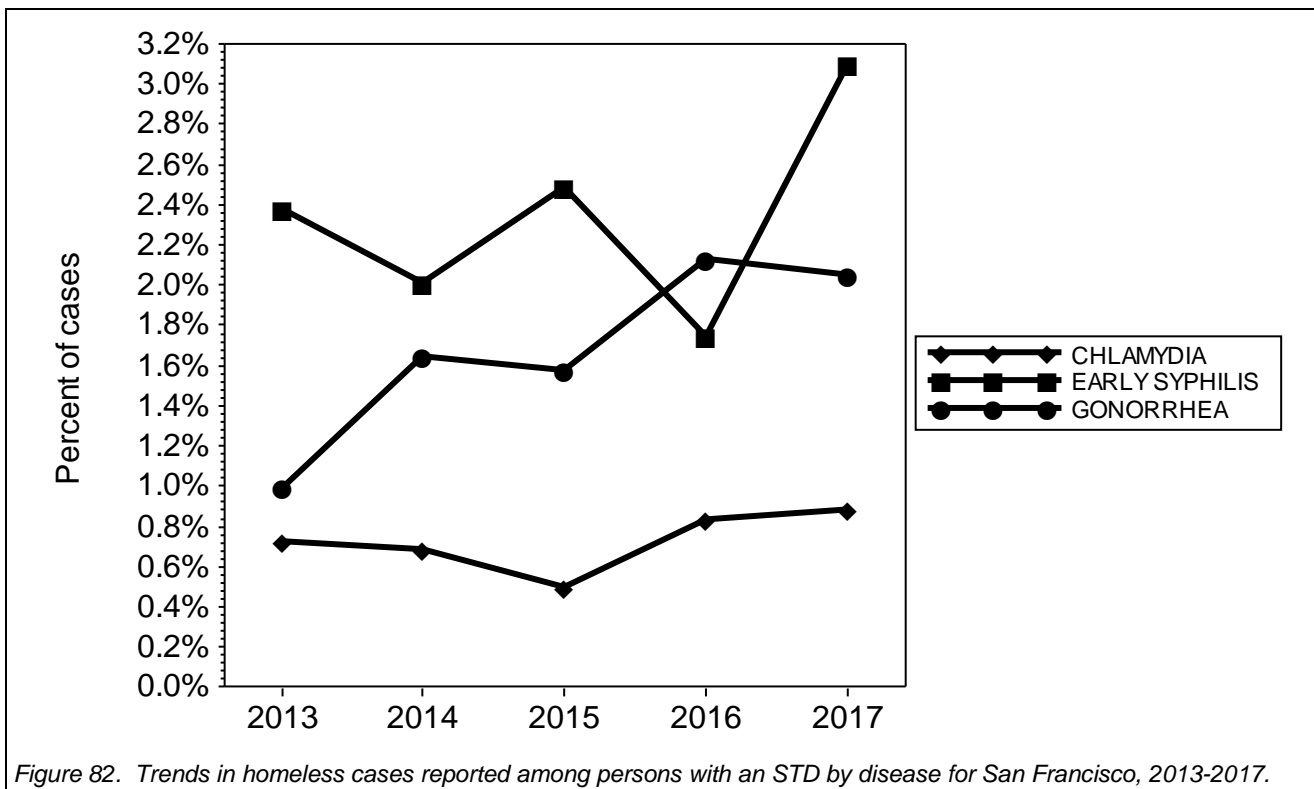


Figure 82. Trends in homeless cases reported among persons with an STD by disease for San Francisco, 2013-2017.

Table 19. STD cases among homeless patients and percent of STD cases that are homeless, San Francisco, 2013-2017.

	Homeless cases					Percent homeless				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	37	41	36	68	80	0.7%	0.7%	0.5%	0.8%	0.9%
GONORRHEA	25	54	67	111	118	1.0%	1.6%	1.6%	2.1%	2.1%
EARLY SYPHILIS	24	22	30	20	45	2.4%	2.0%	2.5%	1.7%	3.1%

Table 20. STD cases and rates by neighborhood, San Francisco, 2013-2017.

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(WHOLE CITY)	5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
ALEMANY	229	257	267	308	371	432.3	485.1	504.0	581.4	700.3
BAYVIEW	75	71	84	88	94	628.5	595.0	703.9	737.5	787.7
BERNAL HEIGHTS	115	156	148	218	196	491.6	666.9	632.7	932.0	837.9
CASTRO/EAST TWIN PEAKS	263	292	485	468	568	1860.4	2065.5	3430.7	3310.5	4017.8
CATHEDRAL HILL	59	59	69	70	87	1178.6	1178.6	1378.3	1398.3	1737.9
CHINATOWN	50	64	64	73	94	271.2	347.1	347.1	396.0	509.9
CIVIC CENTER/TENDERLOIN	350	437	536	623	683	853.4	1065.5	1306.9	1519.0	1665.3
DIAMOND HEIGHTS	57	51	75	84	92	732.3	655.2	963.5	1079.1	1181.9
DUBOCE/UPPER MARKET	156	173	223	268	254	2618.3	2903.7	3742.9	4498.2	4263.2
GLEN PARK	50	55	97	104	128	330.5	363.5	641.2	687.4	846.1
GUERRERO	60	84	120	113	135	640.5	896.8	1281.1	1206.4	1441.2
HAIGHT	77	120	148	172	176	720.7	1123.2	1385.2	1609.9	1647.3
HAYES VALLEY/NOPA	315	377	457	555	579	835.8	1000.3	1212.6	1472.6	1536.3
INNER SUNSET	92	133	159	200	219	290.2	419.5	501.5	630.9	690.8
LAKE MERCED	4	6	5	8	5	236.8	355.2	296.0	473.7	296.0
LOWER NOB HILL	91	123	112	164	134	497.7	672.8	612.6	897.0	732.9
MARINA	88	118	154	159	163	248.6	333.3	435.0	449.1	460.4
MISSION	201	220	308	360	372	602.5	659.4	923.2	1079.1	1115.0
MISSION DOLORES	150	166	203	253	253	1029.6	1139.4	1393.4	1736.6	1736.6
MOUNT DAVIDSON	26	38	60	51	51	264.3	386.3	609.9	518.5	518.5
NOB HILL	55	65	87	90	106	325.6	384.8	515.0	532.8	627.5

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
NOE VALLEY	56	63	94	115	121	452.7	509.3	759.9	929.7	978.2
NORTHEAST WATERFRONT	31	51	57	68	79	282.6	464.9	519.6	619.9	720.2
OMI	157	160	175	201	251	620.5	632.4	691.7	794.4	992.1
PARK MERCED	70	80	116	121	128	637.8	728.9	1056.9	1102.4	1166.2
PORTOLA	56	55	74	86	93	357.3	350.9	472.1	548.7	593.3
POTRERO HILL	60	78	104	87	86	824.3	1071.6	1428.8	1195.2	1181.5
PRESIDIO	10	10	20	16	13	309.1	309.1	618.2	494.6	401.9
PRESIDIO/PACIFIC HEIGHTS	13	22	27	26	27	154.9	262.1	321.7	309.7	321.7
RICHMOND	186	203	290	344	308	291.1	317.7	453.9	538.4	482.0
SEACLIFF	2	2	5	3	5	84.2	84.2	210.4	126.3	210.4
SOUTH BEACH/MISSION BAY	144	146	223	247	295	580.5	588.6	899.0	995.7	1189.2
SOUTH OF MARKET (SOMA)	139	192	221	285	307	888.5	1227.2	1412.6	1821.7	1962.3
SUNNYDALE	90	85	86	105	98	717.2	677.3	685.3	836.7	780.9
SUNSET	203	246	291	281	336	283.9	344.0	406.9	393.0	469.9
TREASURE ISLAND	26	28	23	26	44	902.8	972.2	798.6	902.8	1527.8
USF/LAUREL HEIGHTS	72	75	142	131	149	395.1	411.6	779.3	719.0	817.7
VISITATION VALLEY	110	103	134	128	120	586.3	549.0	714.2	682.2	639.6
WEST HUNTER'S POINT	248	278	287	297	360	1239.9	1389.9	1434.9	1484.9	1799.9
WEST POTRERO	13	21	34	34	41	250.9	405.2	656.1	656.1	791.2
WEST TWIN PEAKS	49	73	66	108	128	228.1	339.8	307.2	502.7	595.8
WESTERN ADDITION	111	142	130	128	161	616.9	789.2	722.5	711.4	894.8

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(WHOLE CITY)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4
ALEMANY	27	27	30	21	51	51.0	51.0	56.6	39.6	96.3
BAYVIEW	10	3	8	4	5	83.8	25.1	67.0	33.5	41.9
BERNAL HEIGHTS	21	21	34	25	29	89.8	89.8	145.4	106.9	124.0
CASTRO/EAST TWIN PEAKS	101	120	92	110	149	714.4	848.8	650.8	778.1	1054.0
CATHEDRAL HILL	17	22	23	13	16	339.6	439.5	459.4	259.7	319.6
CHINATOWN	5	5	7	7	10	27.1	27.1	38.0	38.0	54.2
CIVIC CENTER/TENDERLOIN	120	129	141	126	148	292.6	314.5	343.8	307.2	360.9
DIAMOND HEIGHTS	17	17	12	10	28	218.4	218.4	154.2	128.5	359.7
DUBOCE/UPPER MARKET	63	52	54	66	56	1057.4	872.8	906.3	1107.8	939.9
GLEN PARK	15	14	18	22	35	99.1	92.5	119.0	145.4	231.3
GUERRERO	21	21	20	15	21	224.2	224.2	213.5	160.1	224.2
HAIGHT	19	42	40	33	40	177.8	393.1	374.4	308.9	374.4
HAYES VALLEY/NOPA	94	102	92	121	109	249.4	270.6	244.1	321.1	289.2
INNER SUNSET	17	14	21	11	22	53.6	44.2	66.2	34.7	69.4
LAKE MERCED	0	1	0	1	2	0.0	59.2	0.0	59.2	118.4
LOWER NOB HILL	26	32	32	34	26	142.2	175.0	175.0	186.0	142.2
MARINA	6	4	7	6	6	16.9	11.3	19.8	16.9	16.9
MISSION	35	51	47	38	66	104.9	152.9	140.9	113.9	197.8
MISSION DOLORES	53	35	63	55	62	363.8	240.2	432.4	377.5	425.6
MOUNT DAVIDSON	8	10	13	9	11	81.3	101.7	132.2	91.5	111.8
NOB HILL	10	9	7	6	7	59.2	53.3	41.4	35.5	41.4
NOE VALLEY	22	14	24	22	29	177.8	113.2	194.0	177.8	234.4
NORTHEAST WATERFRONT	3	2	5	4	10	27.3	18.2	45.6	36.5	91.2
OMI	12	12	22	18	27	47.4	47.4	87.0	71.1	106.7
PARK MERCED	7	8	11	13	12	63.8	72.9	100.2	118.4	109.3
PORTOLA	6	2	5	5	7	38.3	12.8	31.9	31.9	44.7
POTRERO HILL	10	21	15	8	17	137.4	288.5	206.1	109.9	233.5
PRESIDIO	0	0	1	2	2	0.0	0.0	30.9	61.8	61.8
PRESIDIO/PACIFIC HEIGHTS	1	3	4	1	2	11.9	35.7	47.7	11.9	23.8
RICHMOND	14	25	19	23	27	21.9	39.1	29.7	36.0	42.3
SEACLIFF	1	1	0	0	0	42.1	42.1	0.0	0.0	0.0
SOUTH BEACH/MISSION BAY	43	42	32	39	53	173.3	169.3	129.0	157.2	213.7

San Francisco Department of Public Health

Cases of EARLY SYPHILIS

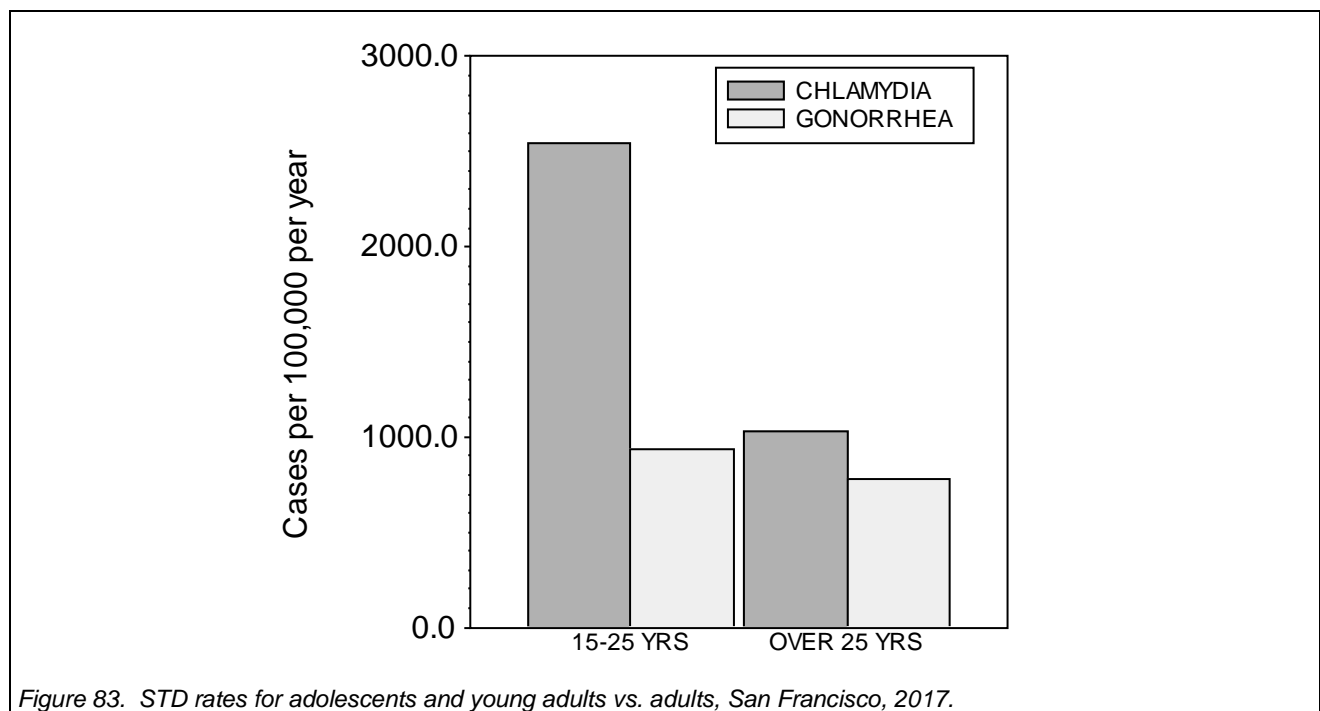
	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
SOUTH OF MARKET (SOMA)	48	60	58	54	69	306.8	383.5	370.7	345.2	441.0
SUNNYDALE	5	6	9	11	11	39.8	47.8	71.7	87.7	87.7
SUNSET	22	21	34	30	23	30.8	29.4	47.5	42.0	32.2
TREASURE ISLAND	3	3	5	6	2	104.2	104.2	173.6	208.3	69.4
USF/LAUREL HEIGHTS	9	5	13	13	14	49.4	27.4	71.3	71.3	76.8
VISITATION VALLEY	7	4	11	12	8	37.3	21.3	58.6	64.0	42.6
WEST HUNTER'S POINT	15	14	21	22	27	75.0	70.0	105.0	110.0	135.0
WEST POTRERO	3	6	9	7	7	57.9	115.8	173.7	135.1	135.1
WEST TWIN PEAKS	4	8	10	10	11	18.6	37.2	46.5	46.5	51.2
WESTERN ADDITION	22	25	23	19	26	122.3	138.9	127.8	105.6	144.5

Cases of GONORRHEA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(WHOLE CITY)	2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
ALEMANY	69	106	121	156	174	130.3	200.1	228.4	294.5	328.5
BAYVIEW	23	26	35	26	46	192.7	217.9	293.3	217.9	385.5
BERNAL HEIGHTS	71	75	106	120	111	303.5	320.6	453.2	513.0	474.5
CASTRO/EAST TWIN PEAKS	241	250	353	492	470	1704.7	1768.4	2497.0	3480.2	3324.6
CATHEDRAL HILL	26	44	44	61	65	519.4	878.9	878.9	1218.5	1298.4
CHINATOWN	9	21	27	28	38	48.8	113.9	146.5	151.9	206.1
CIVIC CENTER/TENDERLOIN	244	327	408	513	575	594.9	797.3	994.8	1250.8	1402.0
DIAMOND HEIGHTS	39	34	48	56	70	501.0	436.8	616.6	719.4	899.3
DUBOCE/UPPER MARKET	131	147	199	253	251	2198.7	2467.3	3340.0	4246.4	4212.8
GLEN PARK	42	43	73	78	106	277.6	284.2	482.5	515.6	700.6
GUERRERO	49	63	88	92	85	523.1	672.6	939.5	982.2	907.4
HAIGHT	64	91	133	154	162	599.0	851.7	1244.9	1441.4	1516.3
HAYES VALLEY/NOPA	194	237	307	402	390	514.8	628.8	814.6	1066.7	1034.8
INNER SUNSET	53	70	86	122	139	167.2	220.8	271.3	384.8	438.5
LAKE MERCED	1	3	2	4	5	59.2	177.6	118.4	236.8	296.0
LOWER NOB HILL	42	79	66	92	105	229.7	432.1	361.0	503.2	574.3
MARINA	22	29	46	35	49	62.1	81.9	129.9	98.9	138.4
MISSION	127	155	191	230	240	380.7	464.6	572.5	689.4	719.4
MISSION DOLORES	95	132	172	184	198	652.1	906.0	1180.6	1263.0	1359.1
MOUNT DAVIDSON	19	20	14	35	37	193.1	203.3	142.3	355.8	376.1
NOB HILL	16	20	30	39	41	94.7	118.4	177.6	230.9	242.7
NOE VALLEY	45	41	70	70	91	363.8	331.4	565.9	565.9	735.7
NORTHEAST WATERFRONT	10	11	29	38	31	91.2	100.3	264.4	346.4	282.6
OMI	45	71	79	111	128	177.9	280.6	312.2	438.7	505.9
PARK MERCED	27	27	49	67	68	246.0	246.0	446.4	610.4	619.5
PORTOLA	13	16	20	27	43	82.9	102.1	127.6	172.3	274.3
POTRERO HILL	29	45	53	70	64	398.4	618.2	728.1	961.7	879.2
PRESIDIO	3	2	8	9	8	92.7	61.8	247.3	278.2	247.3
PRESIDIO/PACIFIC HEIGHTS	6	12	4	9	12	71.5	143.0	47.7	107.2	143.0
RICHMOND	66	65	97	141	156	103.3	101.7	151.8	220.7	244.1
SEACLIFF	1	1	0	2	3	42.1	42.1	0.0	84.2	126.3
SOUTH BEACH/MISSION BAY	79	110	134	162	188	318.5	443.4	540.2	653.1	757.9
SOUTH OF MARKET (SOMA)	93	164	196	240	266	594.4	1048.3	1252.8	1534.0	1700.2
SUNNYDALE	20	27	37	46	67	159.4	215.2	294.8	366.6	533.9
SUNSET	80	103	124	143	162	111.9	144.0	173.4	200.0	226.5
TREASURE ISLAND	8	15	17	9	19	277.8	520.8	590.3	312.5	659.7
USF/LAUREL HEIGHTS	28	39	56	73	100	153.7	214.0	307.3	400.6	548.8
VISITATION VALLEY	25	32	47	56	52	133.2	170.5	250.5	298.5	277.1
WEST HUNTER'S POINT	64	126	111	154	172	320.0	630.0	555.0	770.0	860.0
WEST POTRERO	15	14	29	23	26	289.5	270.2	559.6	443.8	501.7
WEST TWIN PEAKS	14	23	30	44	51	65.2	107.1	139.6	204.8	237.4
WESTERN ADDITION	62	71	87	86	113	344.6	394.6	483.5	478.0	628.0

Adolescents and Young Adults (persons ages 15 through 25)

- Chlamydia
 - Percent increase in cases between 2016 and 2017: 12.6%
 - 2017 Rate Ratio for Adolescents/Young Adults compared to Adults: 2.47
- Gonorrhea
 - Percent increase in cases between 2016 and 2017: 13.4%
 - 2017 Rate Ratio for Adolescents/Young Adults compared to Adults: 1.21
- Early Syphilis
 - Percent increase in cases between 2016 and 2017: 18.7%
 - 2017 Rate Ratio for Adolescents/Young Adults compared to Adults: 0.51
- The chlamydia rate increased among both male (11.7 percent) and female (13.3 percent) youth. The gonorrhea rate increased among both male (5.0 percent) and female (45.3 percent) youth.
- Racial/ethnic disparities for chlamydia and gonorrhea are large for youth. In 2017, the rate among Black/African American youth compared to white youth was 4.5 times higher for chlamydia and gonorrhea, and 4.6 times higher for early syphilis.
 - Gonorrhea among Black/African American females ages 15-25 years increased 98% from 64 cases in 2013 to 127 in 2017, compared with a 69% increase in the same age group of white females.
- Hospitals continue to have an increasing role in diagnosing STDs among youth, reporting over one-fifth of cases among youth. Providers outside of San Francisco are reporting an increasing proportion of youth cases – 11.8% of chlamydia, 8.3% of gonorrhea, and 7.2% of early syphilis cases among youth.



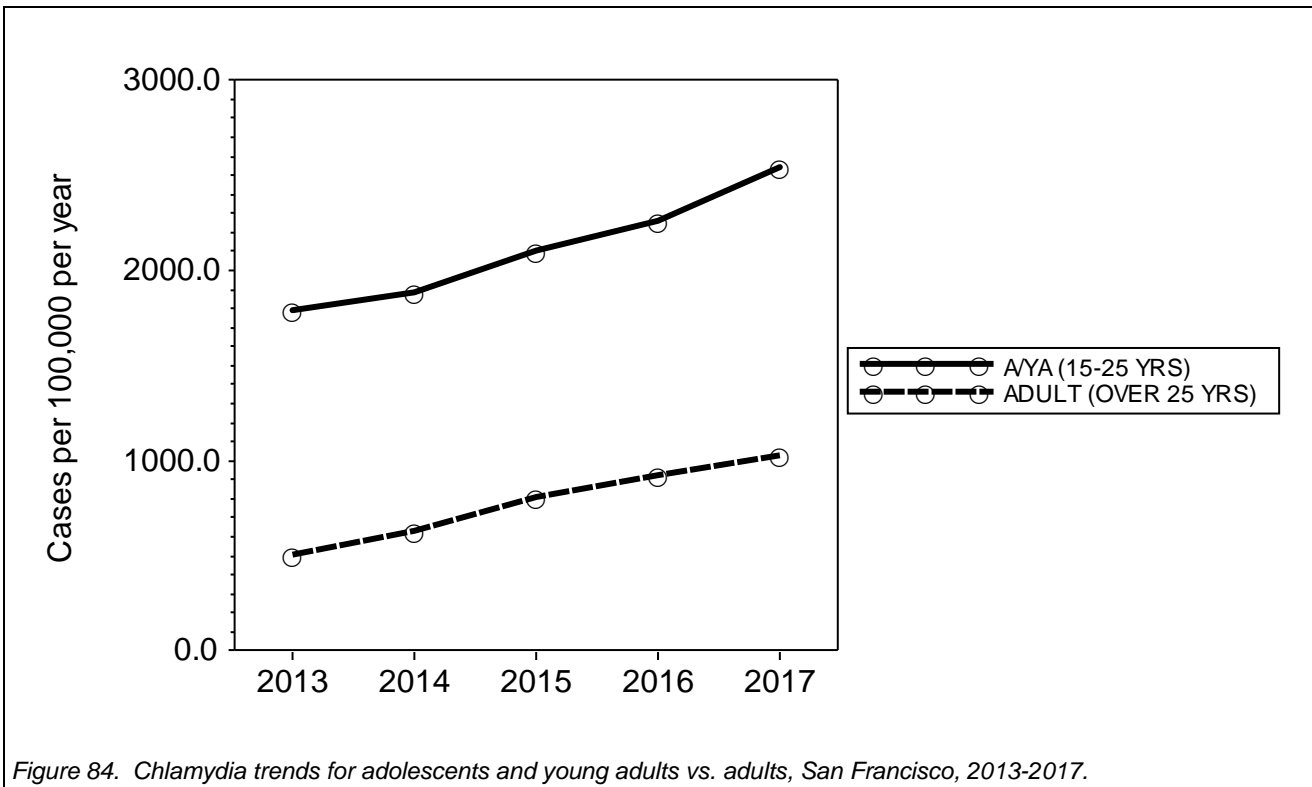


Figure 84. Chlamydia trends for adolescents and young adults vs. adults, San Francisco, 2013-2017.

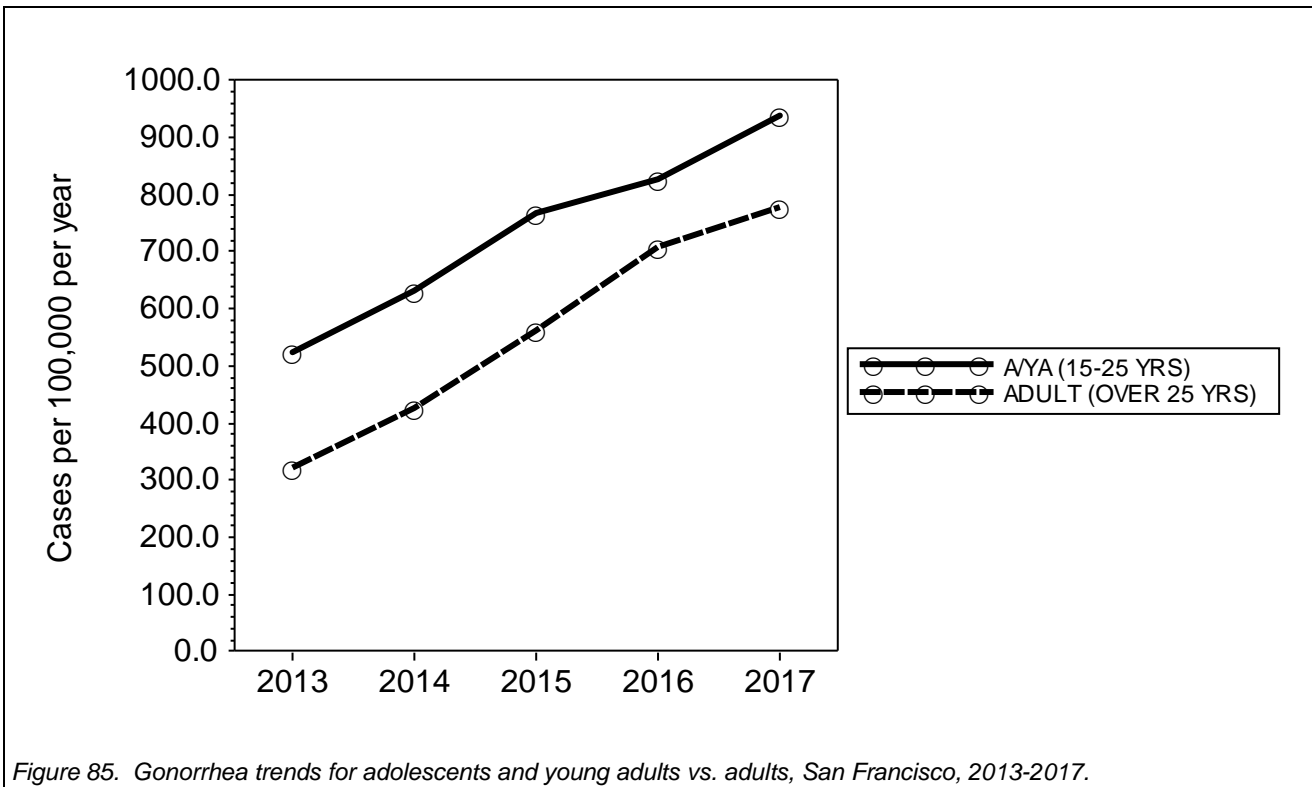


Figure 85. Gonorrhea trends for adolescents and young adults vs. adults, San Francisco, 2013-2017.

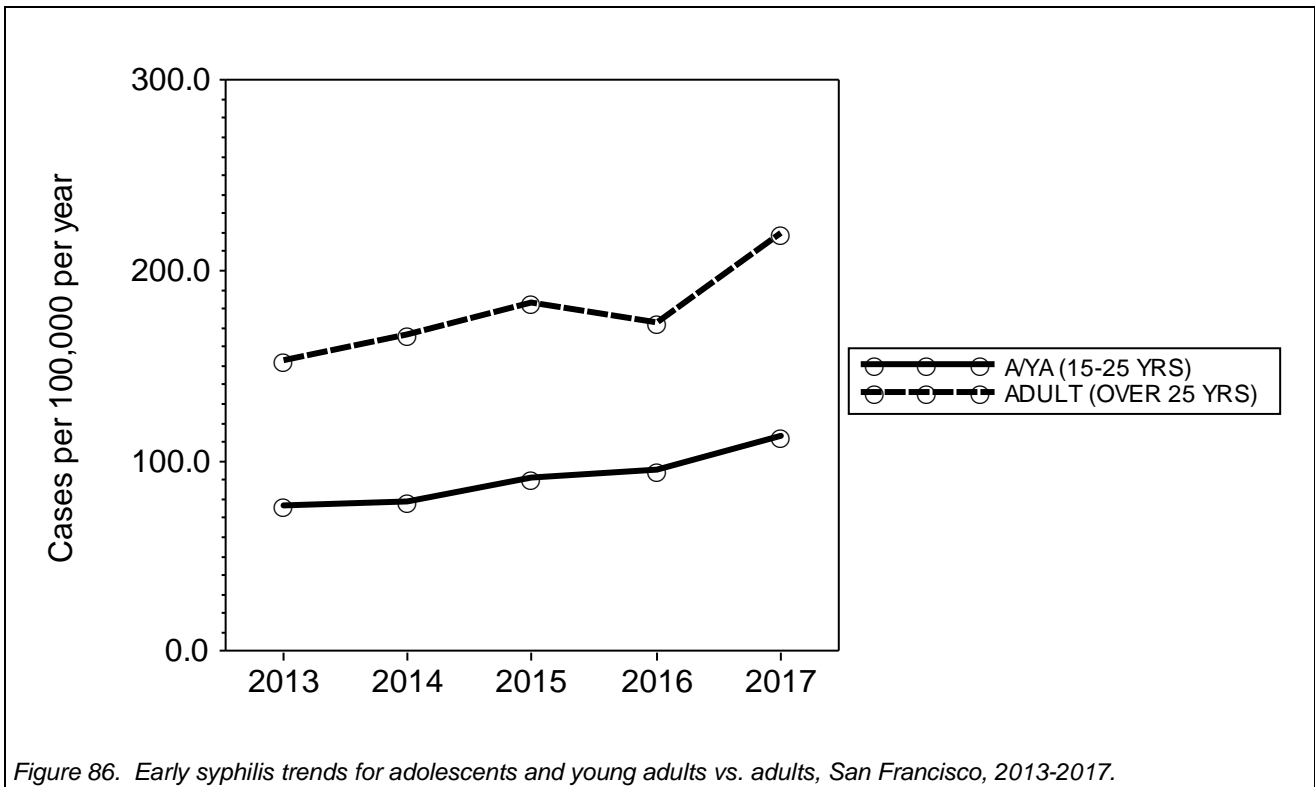


Figure 86. Early syphilis trends for adolescents and young adults vs. adults, San Francisco, 2013-2017.

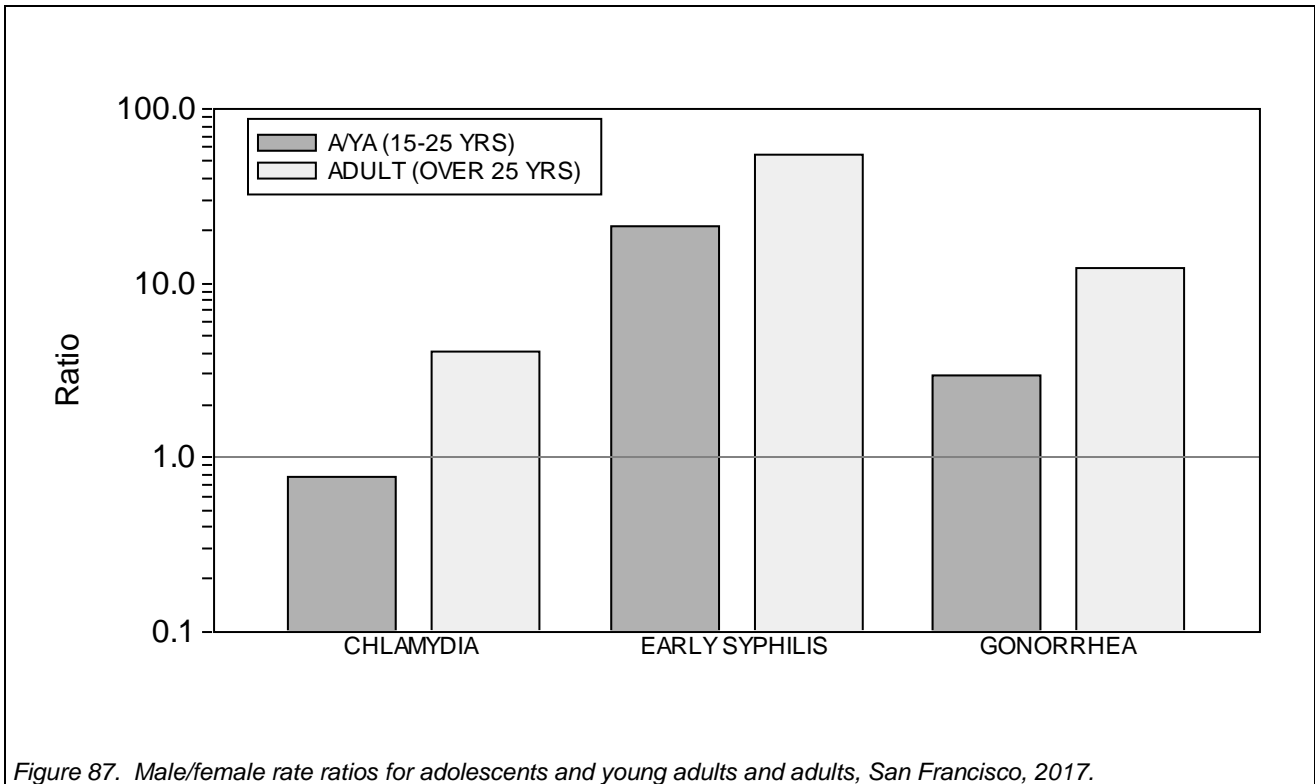


Figure 87. Male/female rate ratios for adolescents and young adults and adults, San Francisco, 2017.

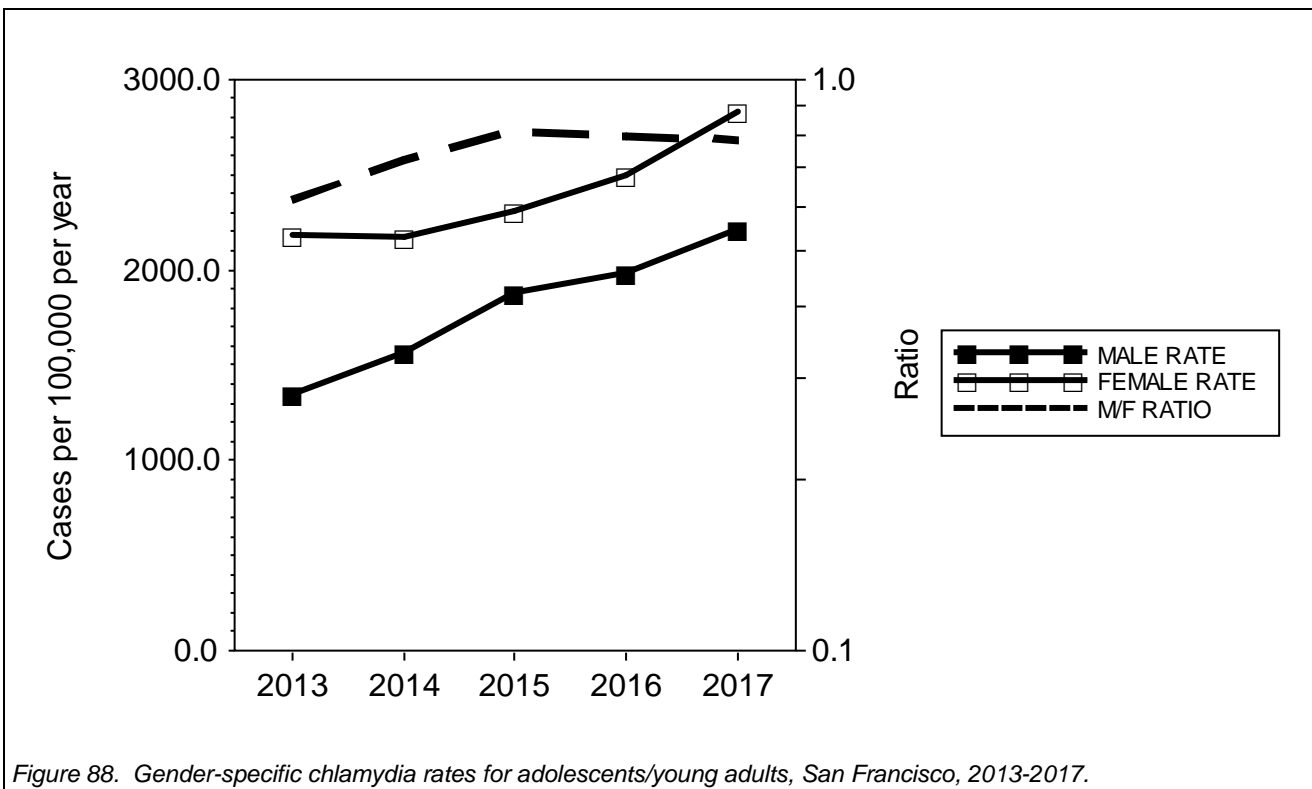


Figure 88. Gender-specific chlamydia rates for adolescents/young adults, San Francisco, 2013-2017.

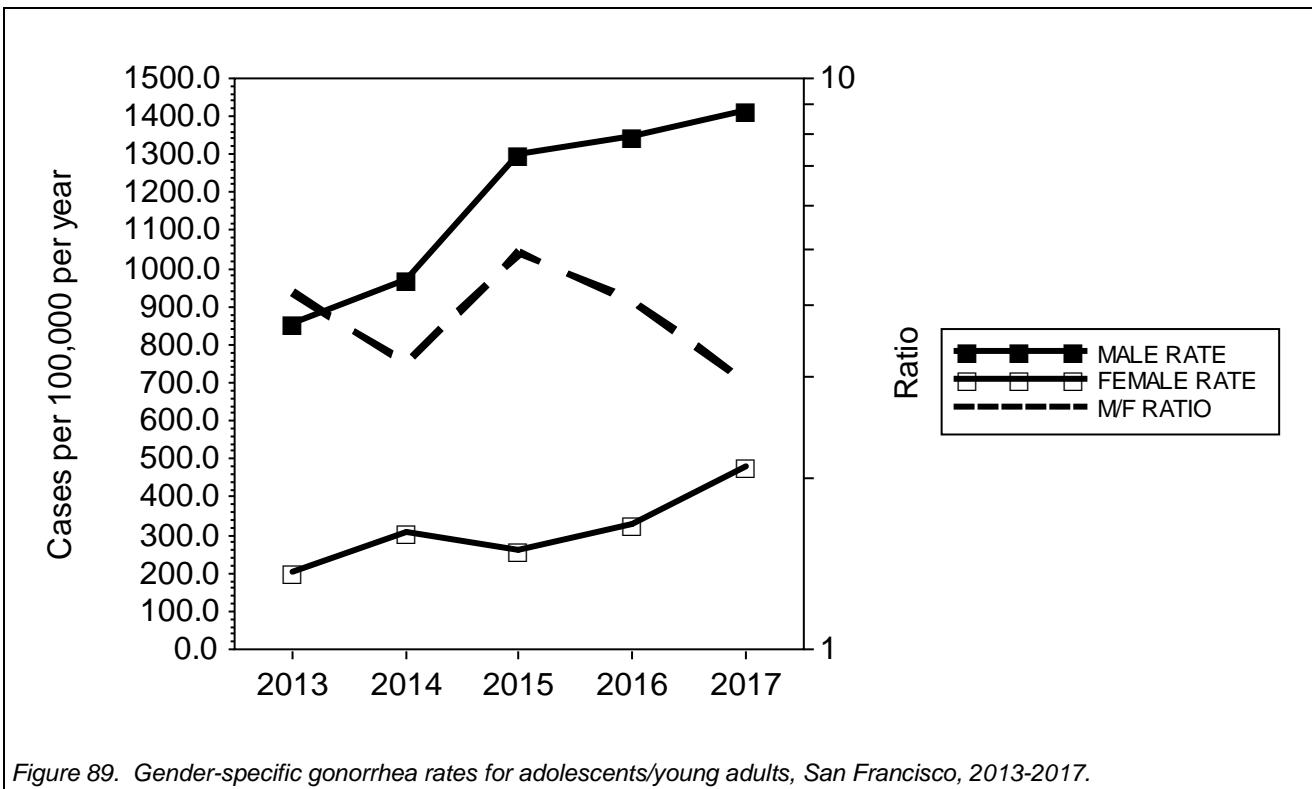


Figure 89. Gender-specific gonorrhea rates for adolescents/young adults, San Francisco, 2013-2017.

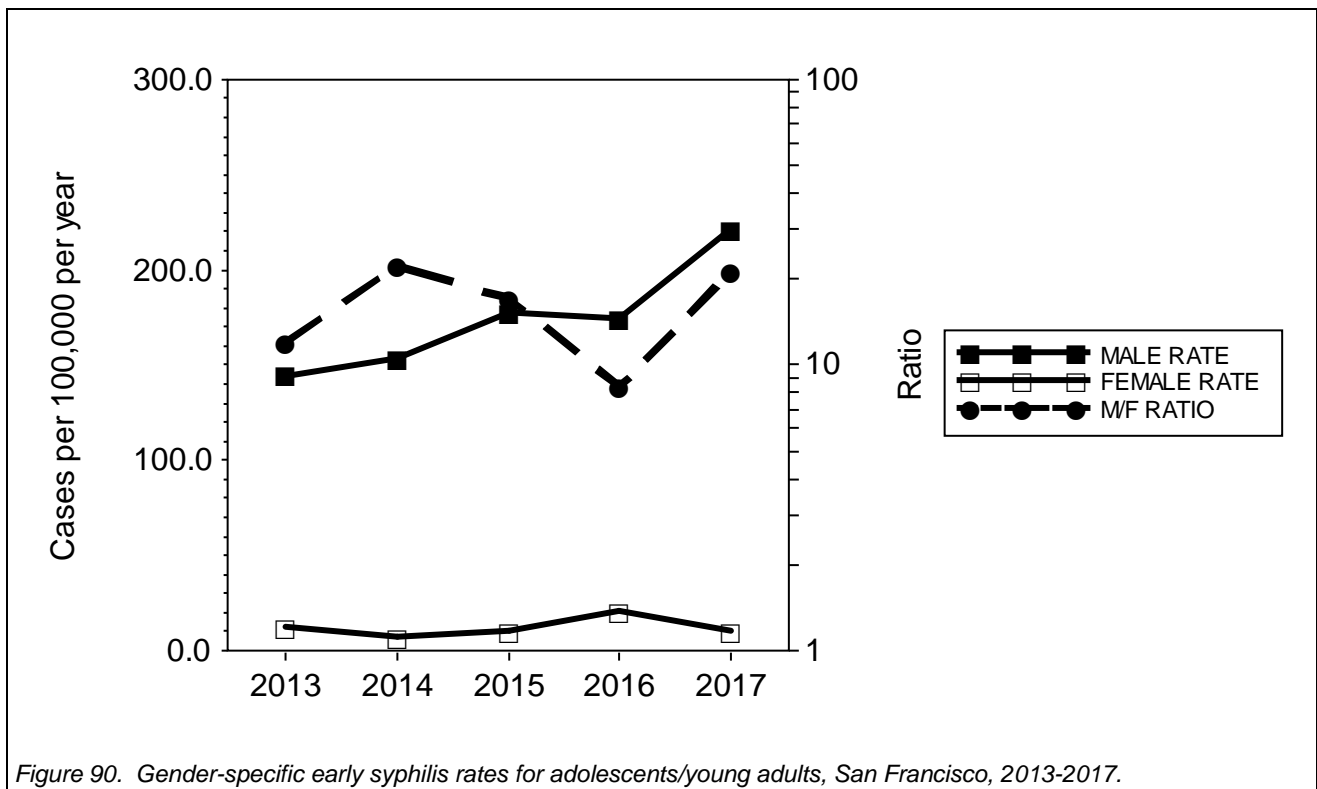


Figure 90. Gender-specific early syphilis rates for adolescents/young adults, San Francisco, 2013-2017.

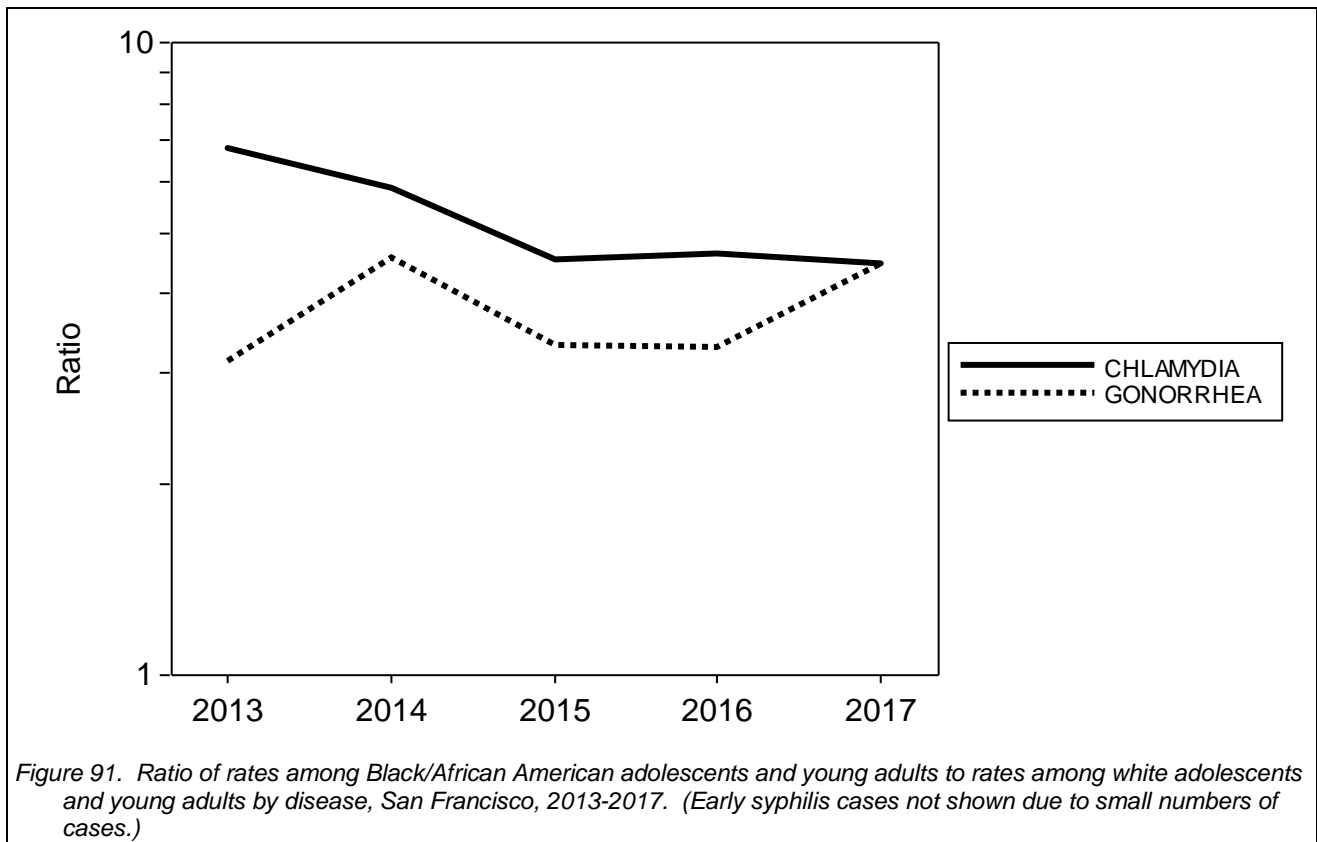


Figure 91. Ratio of rates among Black/African American adolescents and young adults to rates among white adolescents and young adults by disease, San Francisco, 2013-2017. (Early syphilis cases not shown due to small numbers of cases.)

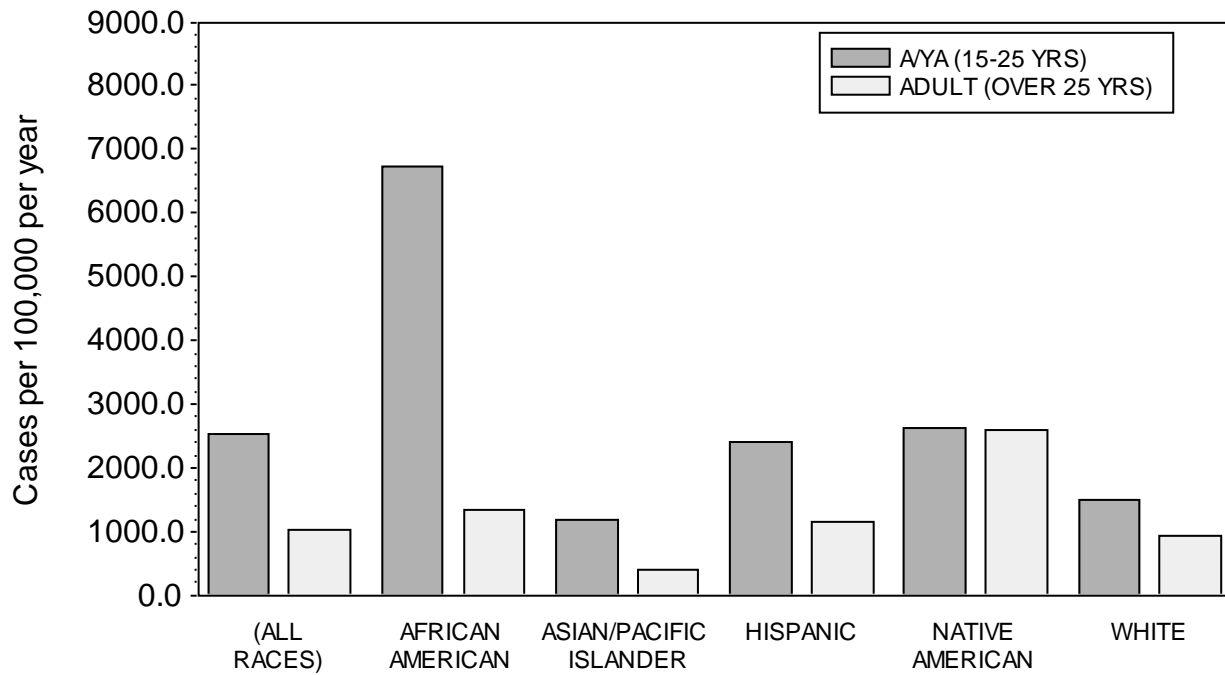


Figure 92. Race/ethnicity-specific chlamydia rates for adolescents and young adults compared with adults, San Francisco, 2017.

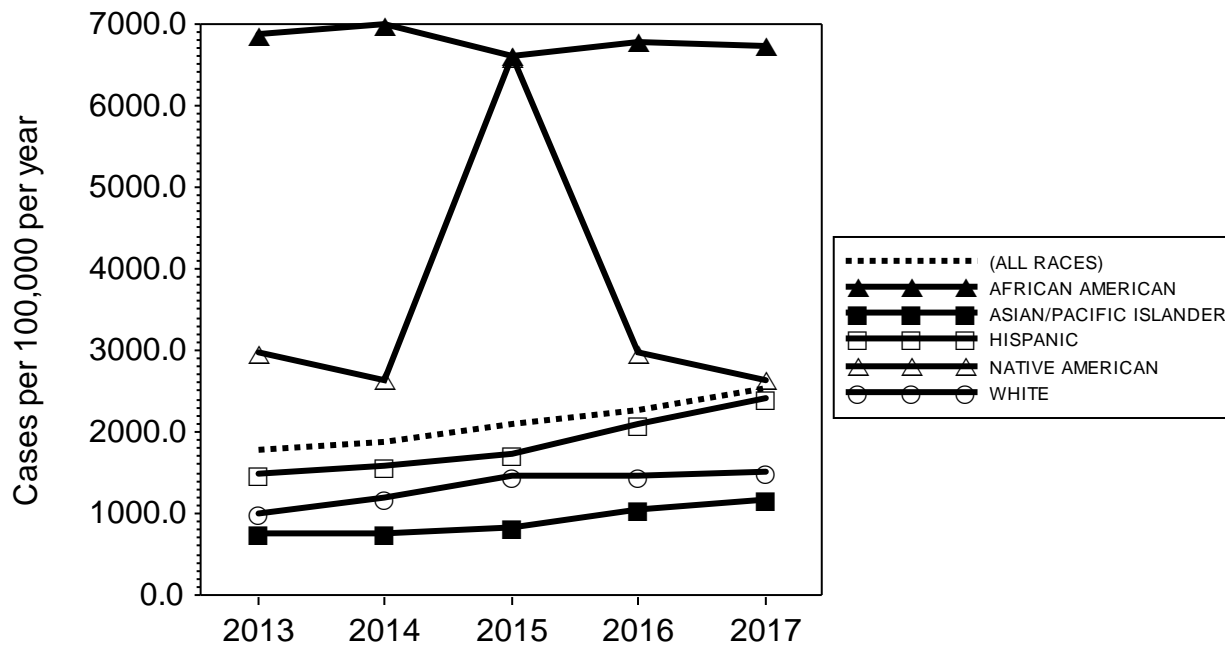


Figure 93. Race/ethnicity-specific chlamydia trends for adolescents/young adults, San Francisco, 2013-2017.

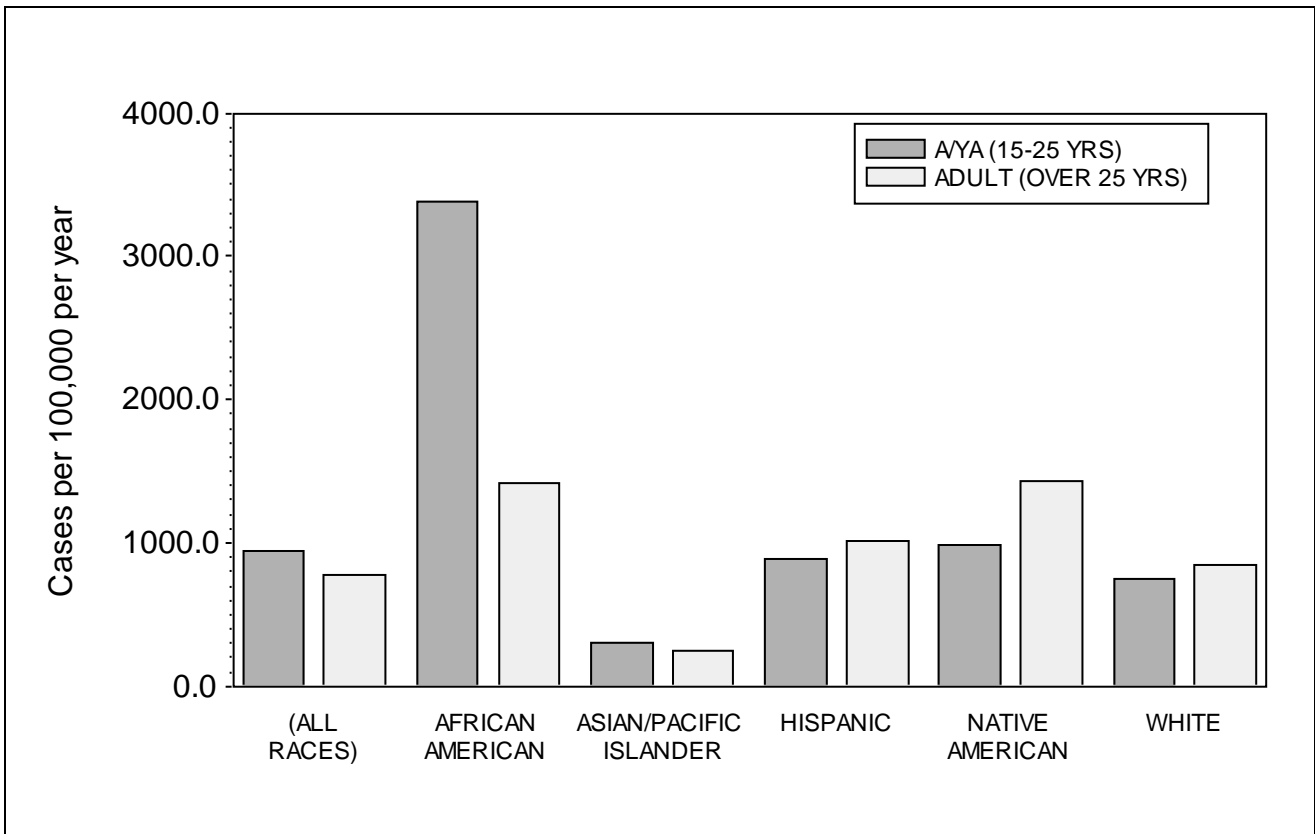


Figure 94. Race/ethnicity-specific gonorrhea rates for adolescents and young adults compared with adults, San Francisco, 2017.

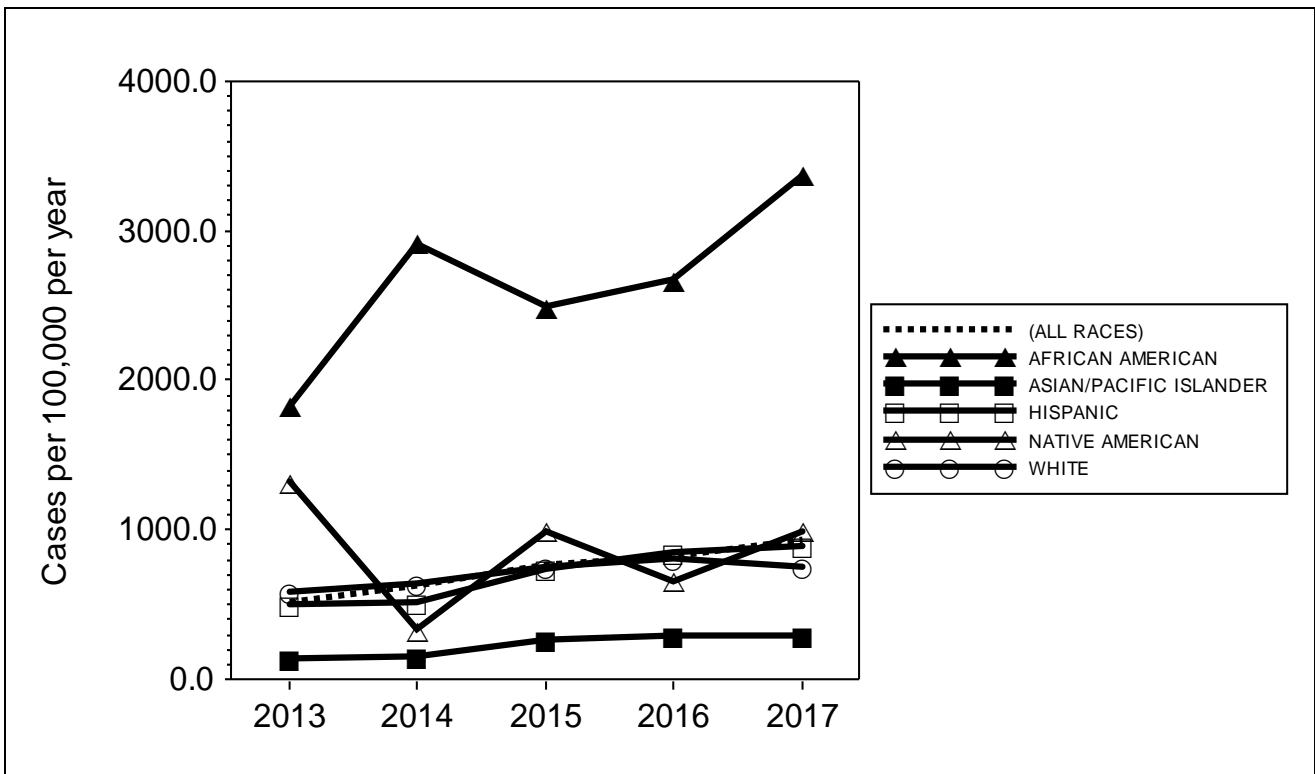


Figure 95. Race/ethnicity-specific gonorrhea trends for adolescents/young adults, San Francisco, 2013-2017.

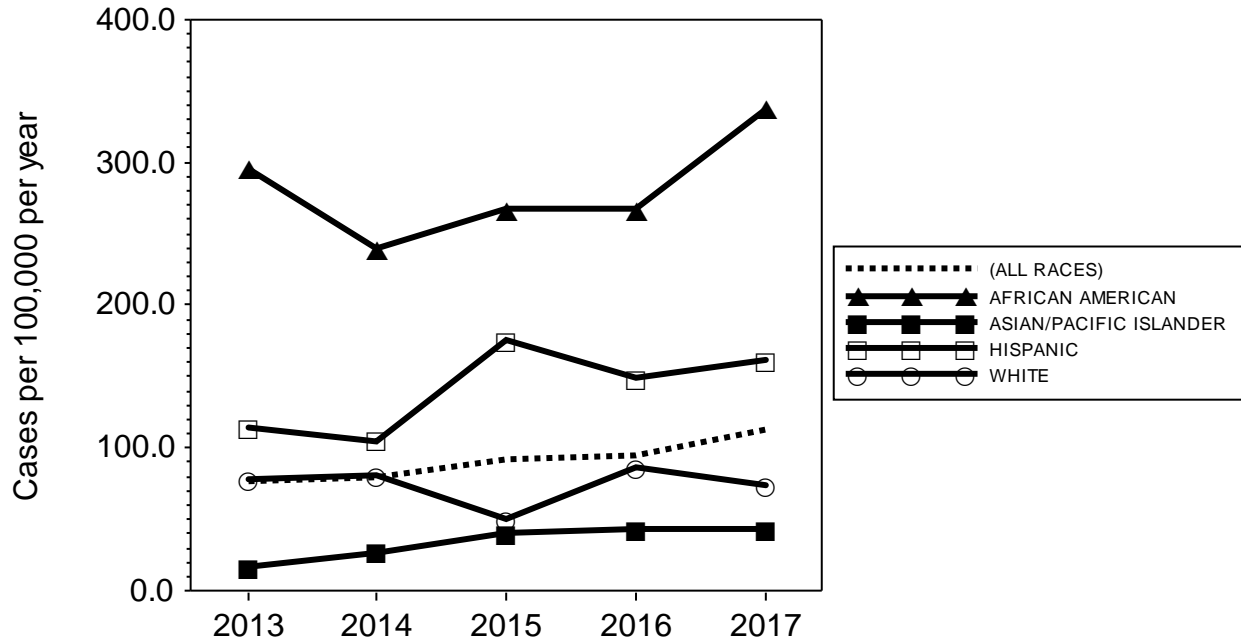


Figure 96. Race/ethnicity-specific early syphilis trends for adolescents/young adults, San Francisco, 2013-2017.

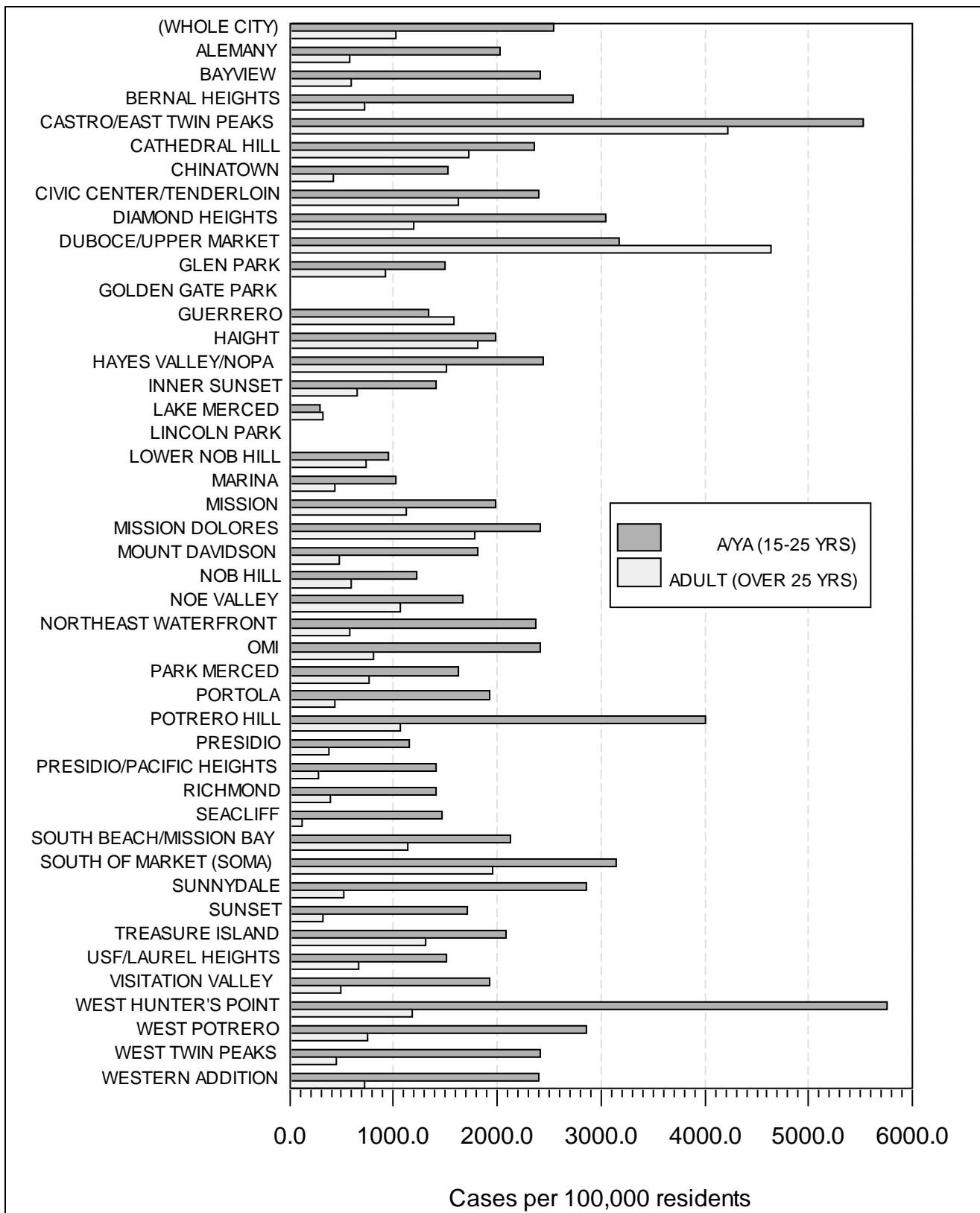
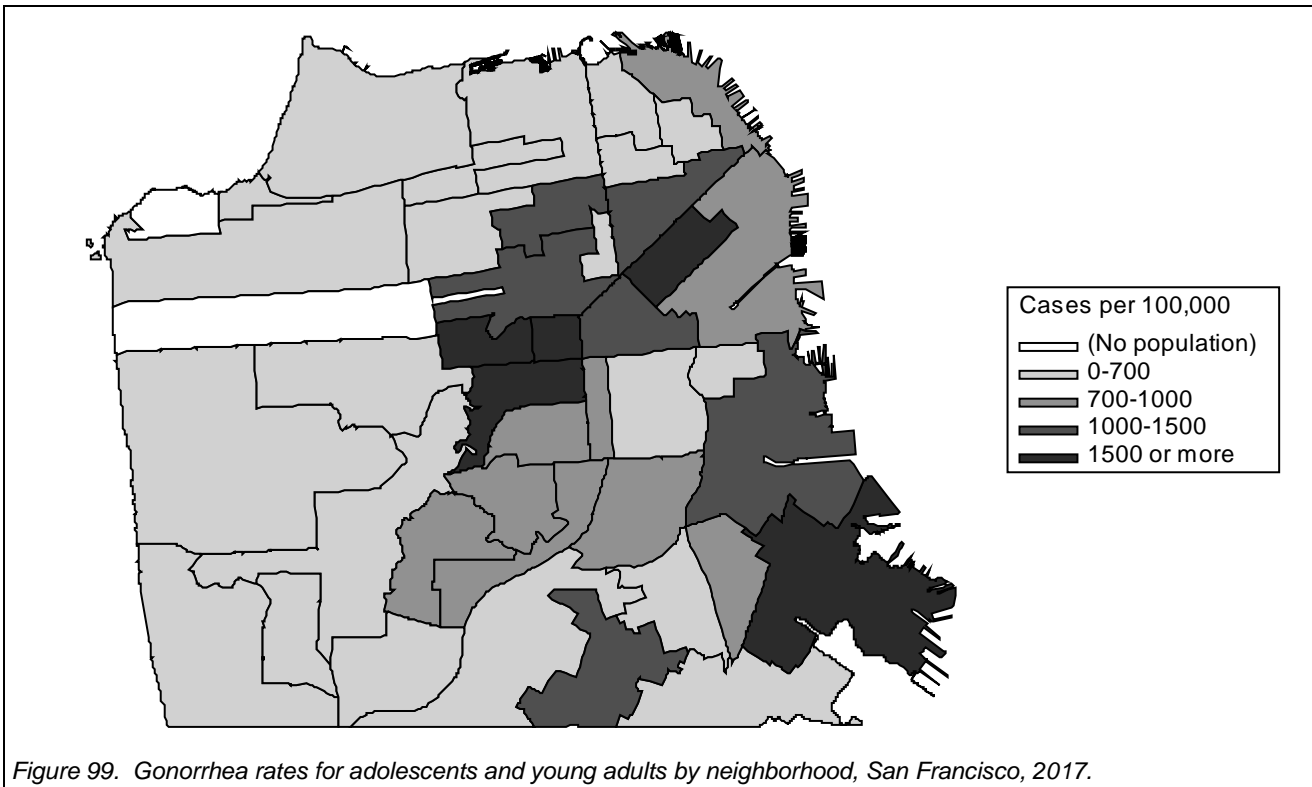
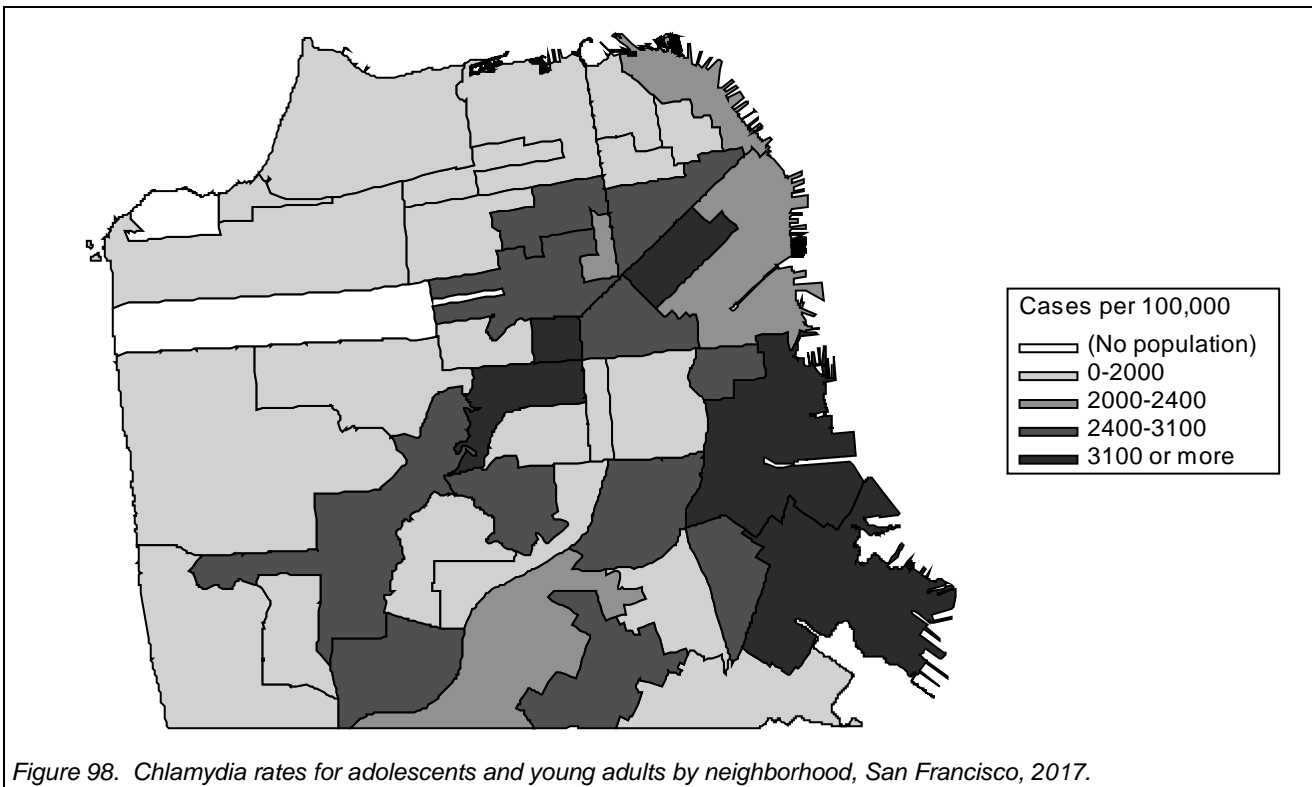


Figure 97. Adolescent/young adult and adult chlamydia rates compared by neighborhood, San Francisco, 2017.



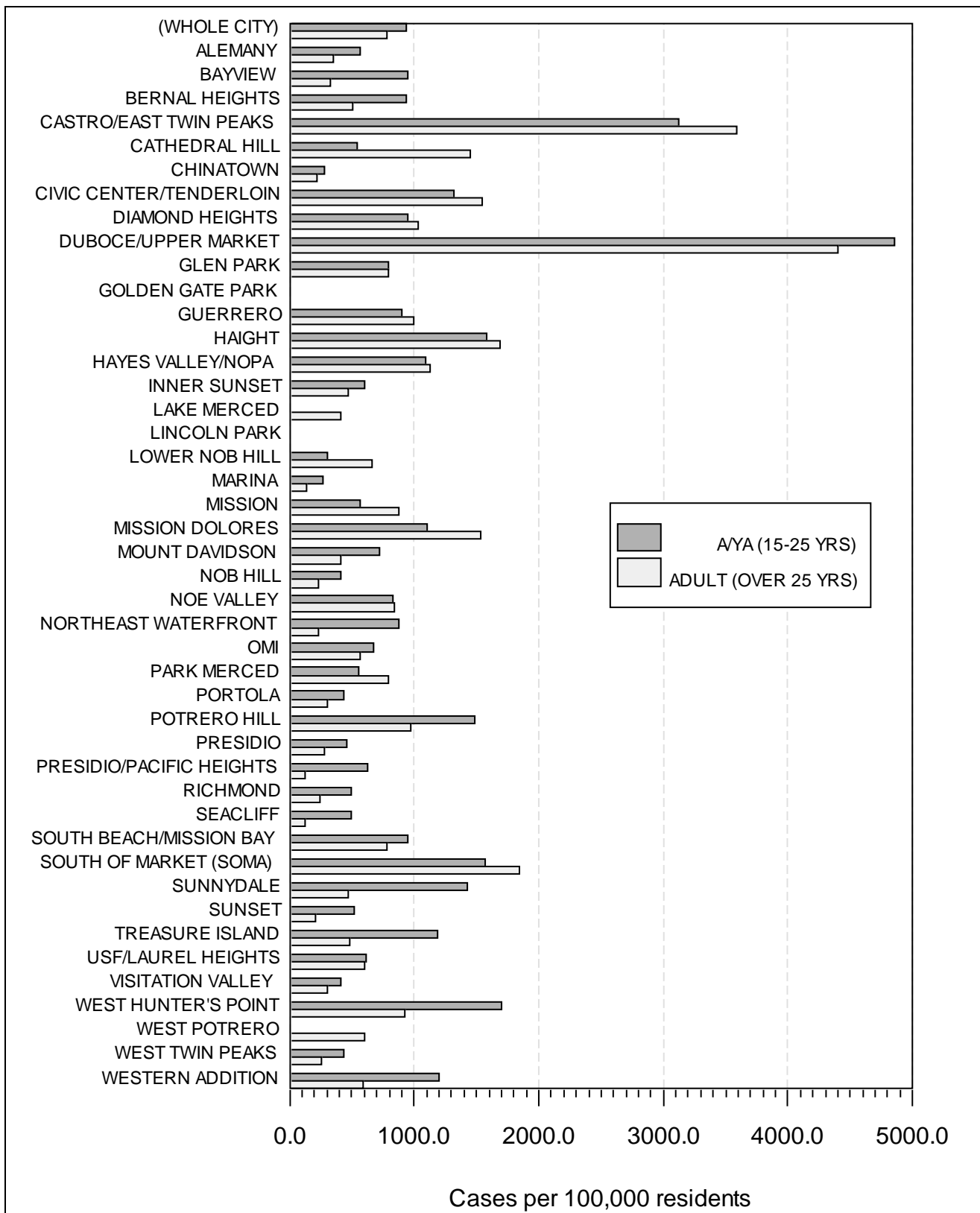


Figure 100. Adolescent/young adult and adult gonorrhea rates compared by neighborhood, San Francisco, 2017.

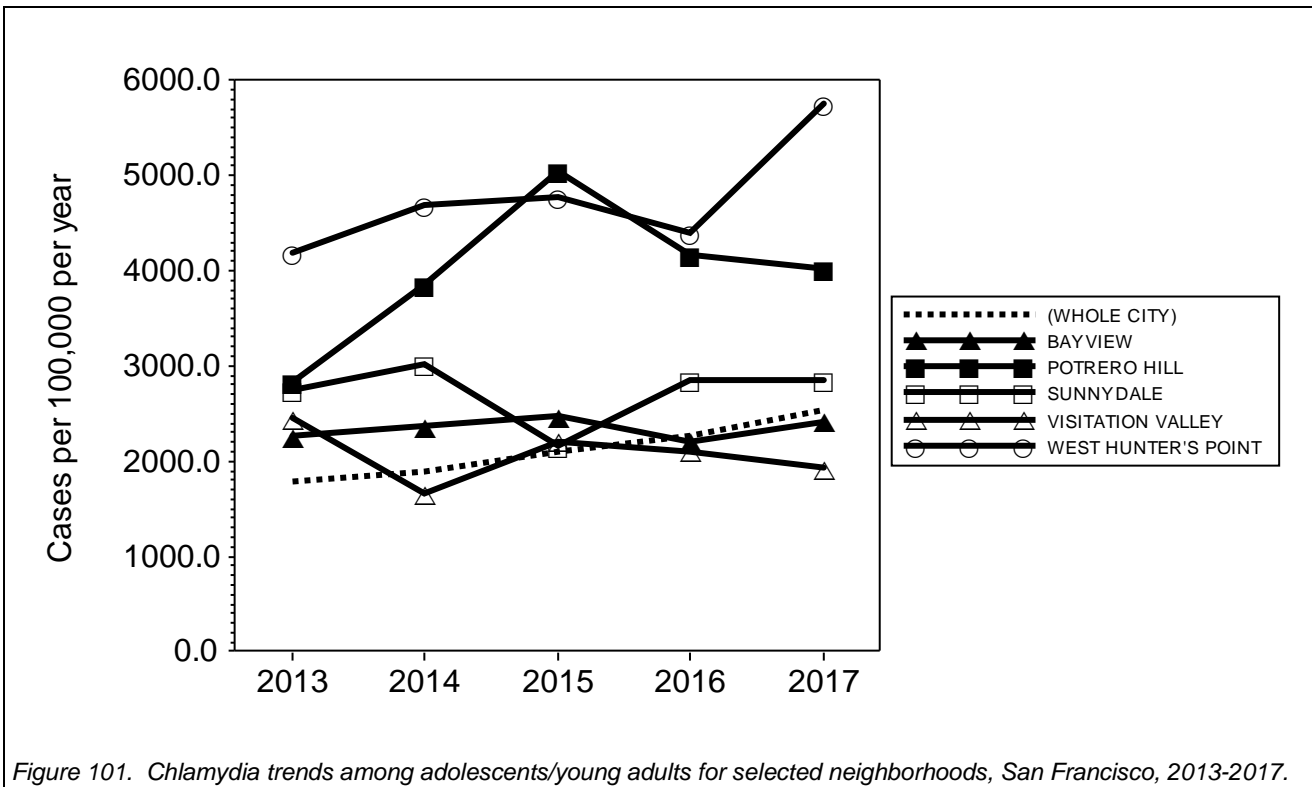


Figure 101. Chlamydia trends among adolescents/young adults for selected neighborhoods, San Francisco, 2013-2017.

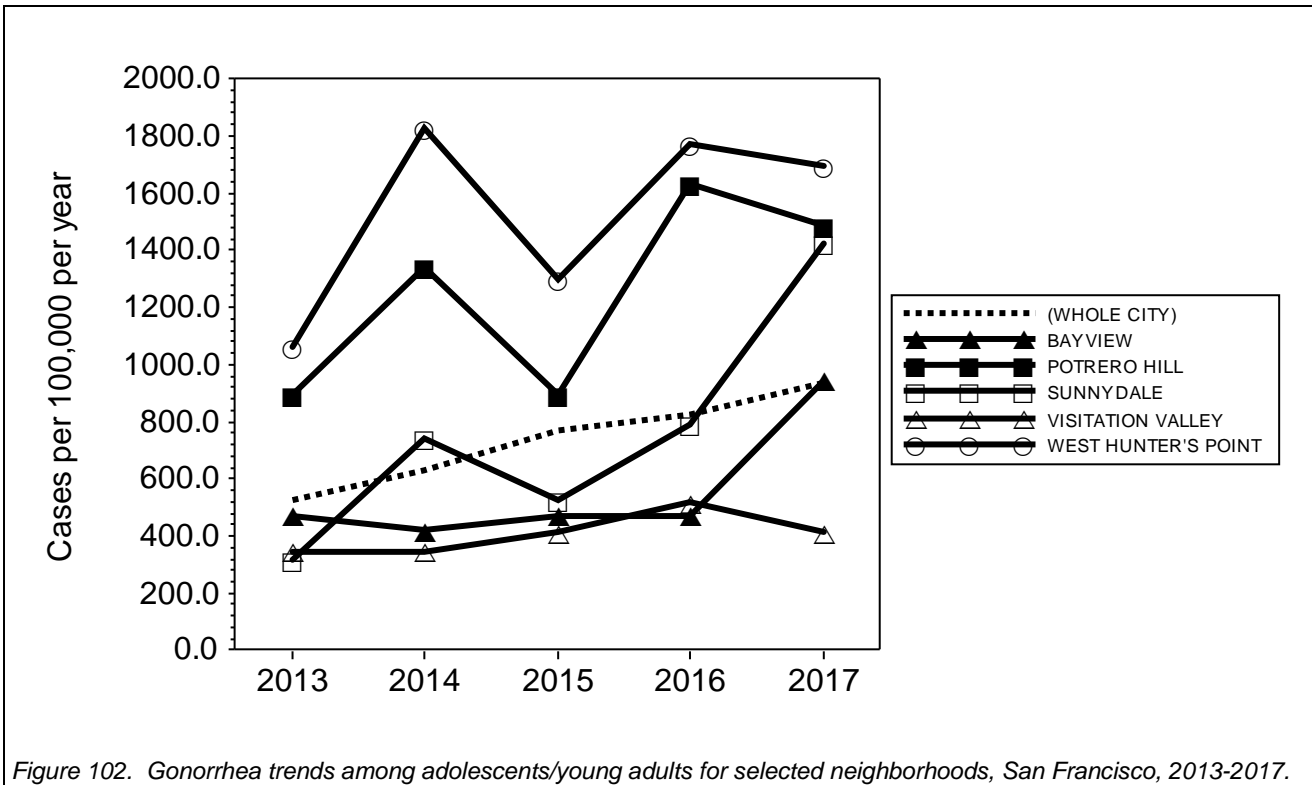
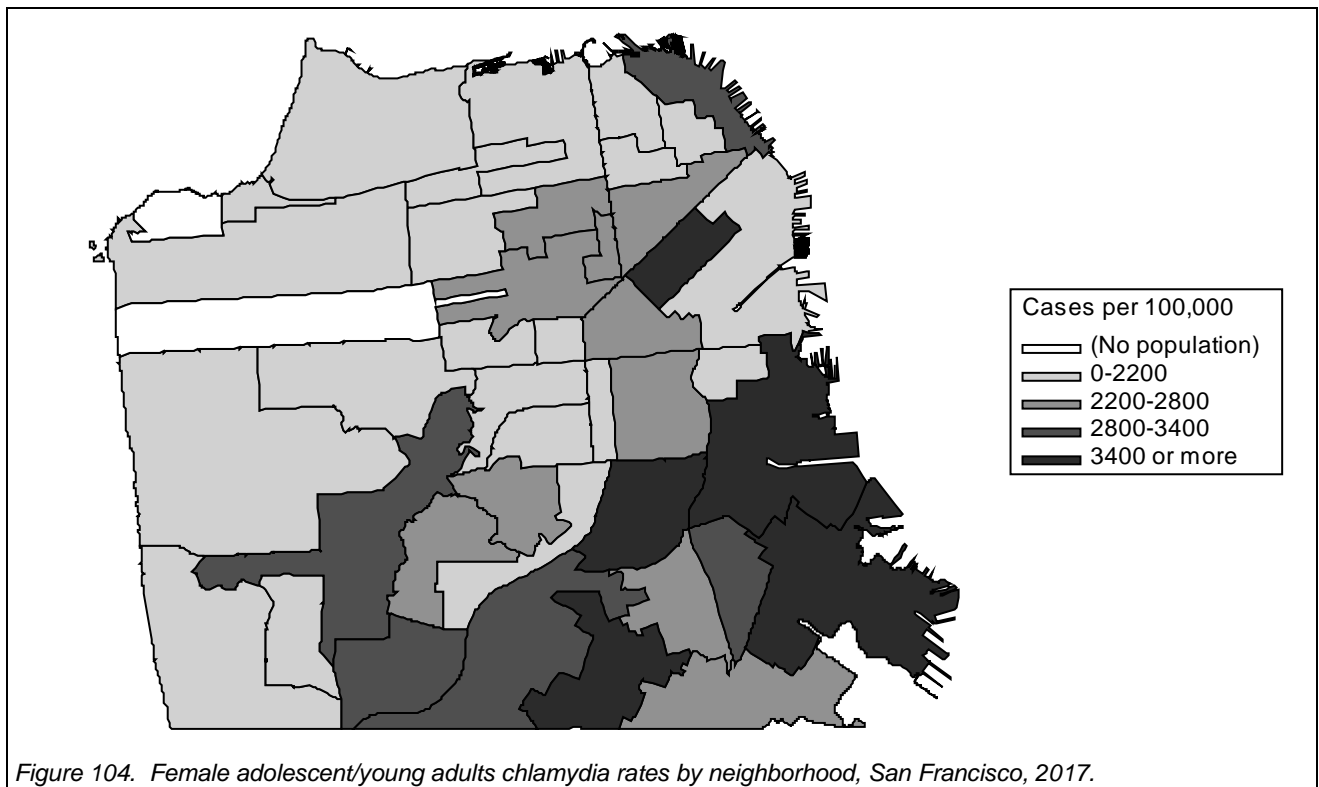
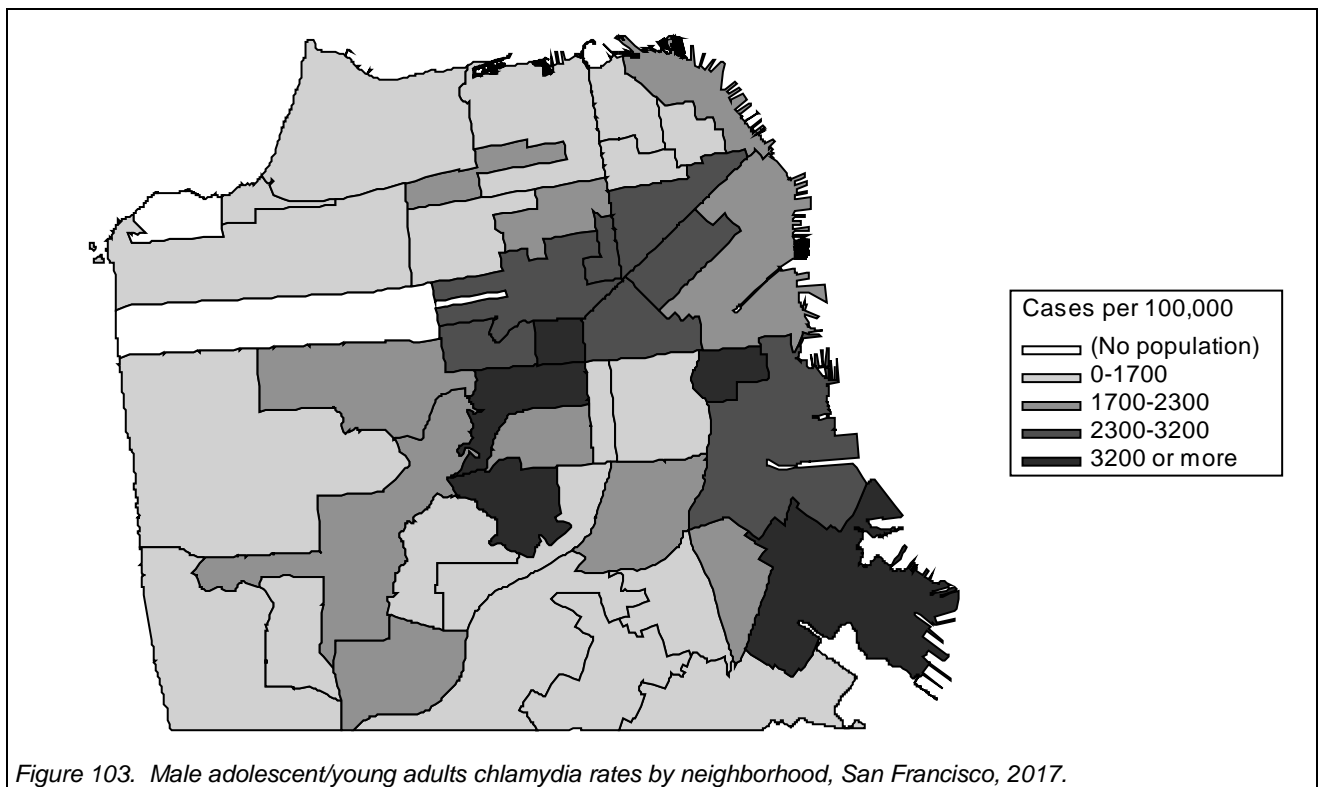


Figure 102. Gonorrhea trends among adolescents/young adults for selected neighborhoods, San Francisco, 2013-2017.



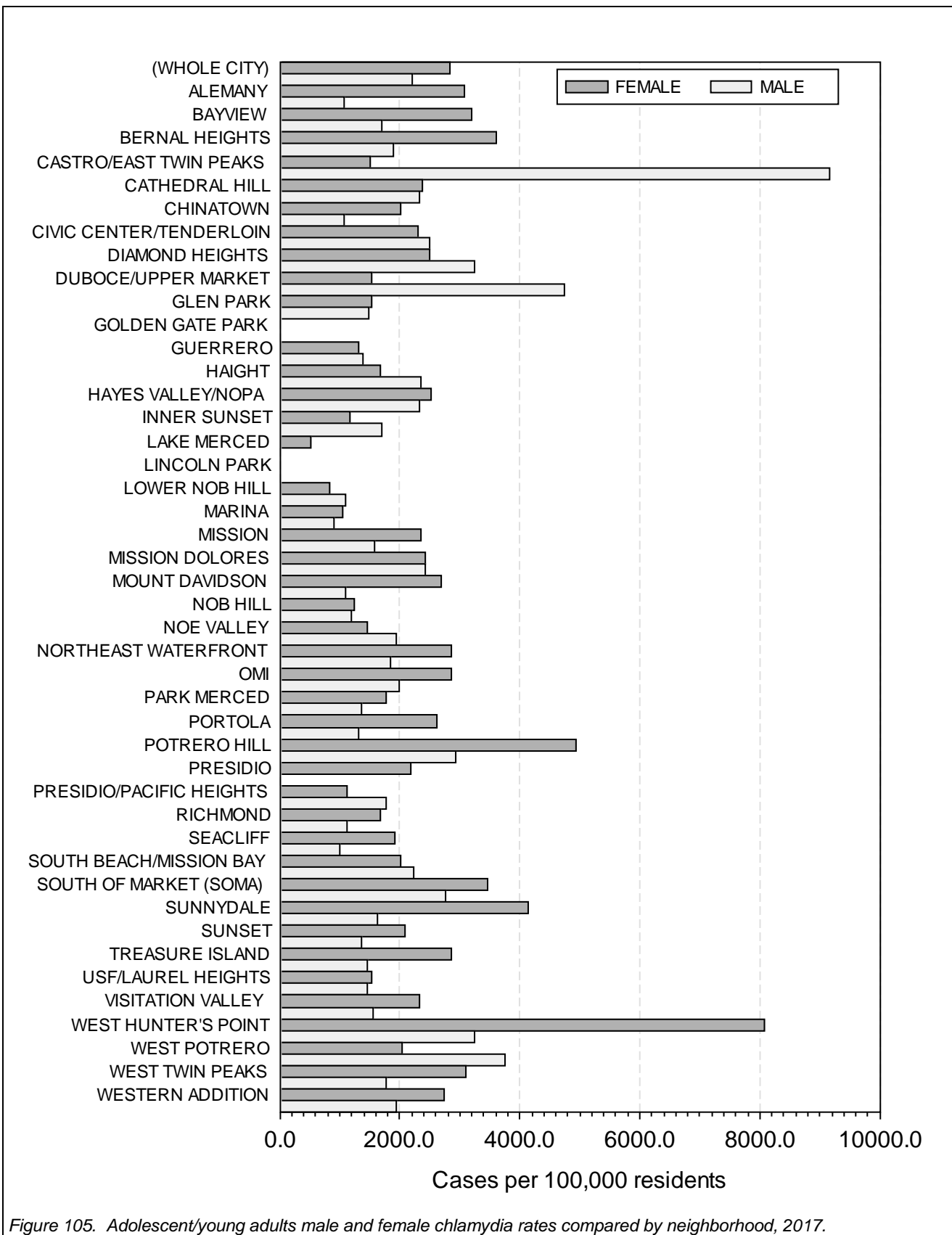
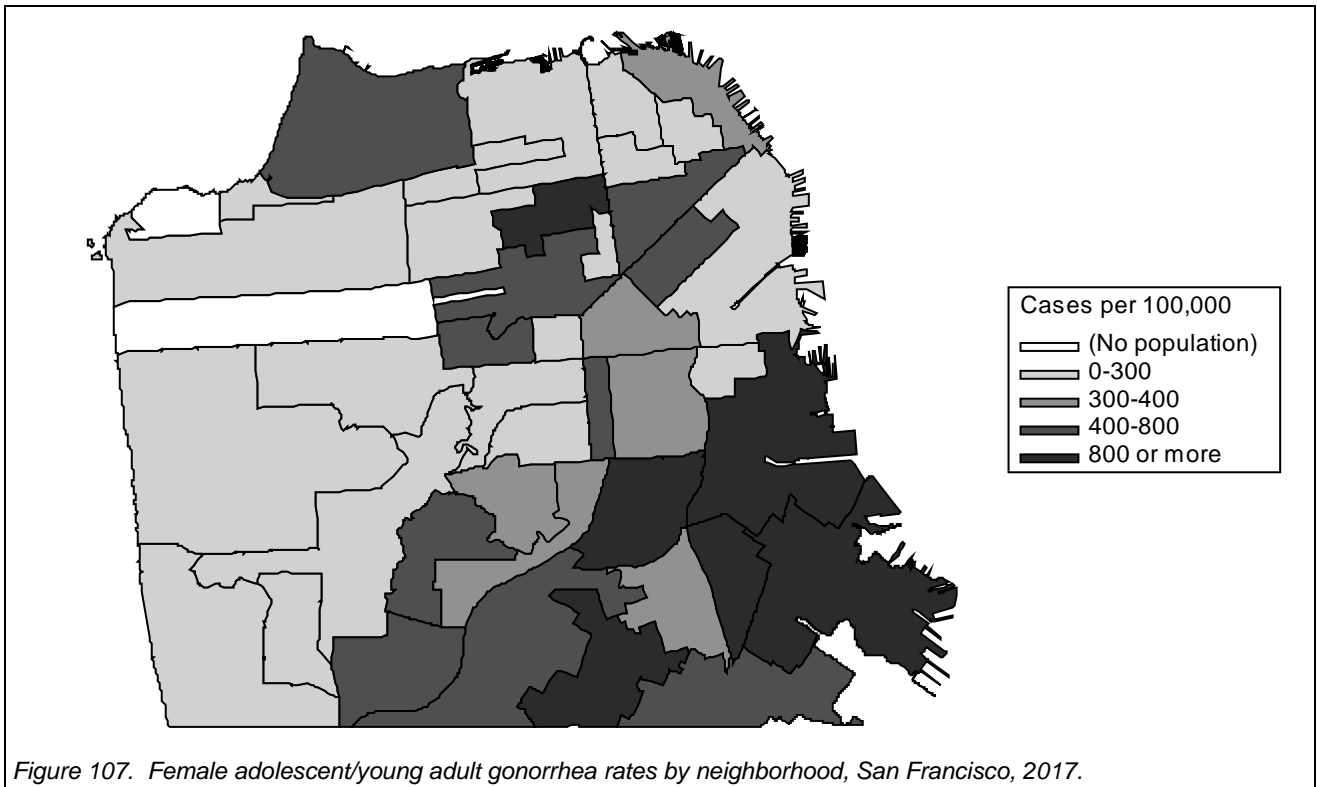
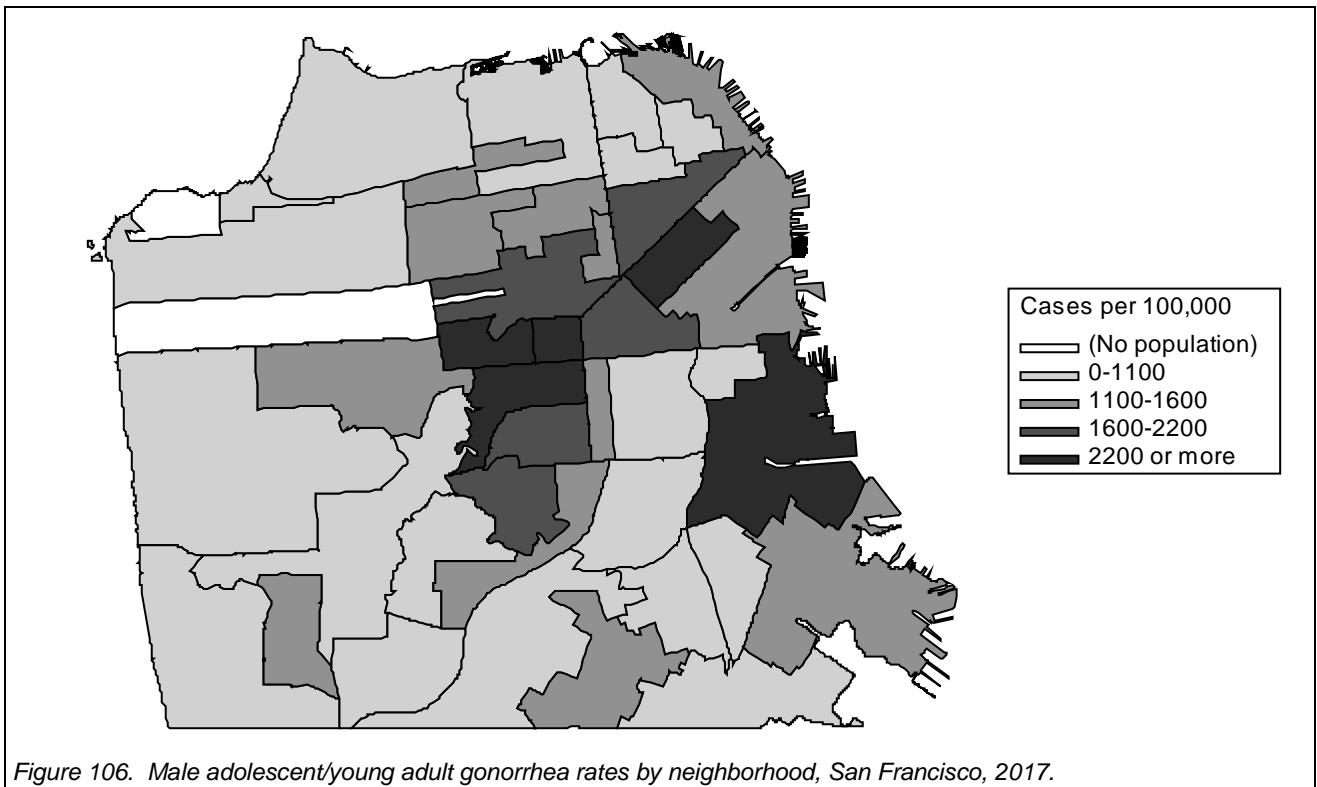


Figure 105. Adolescent/young adults male and female chlamydia rates compared by neighborhood, 2017.



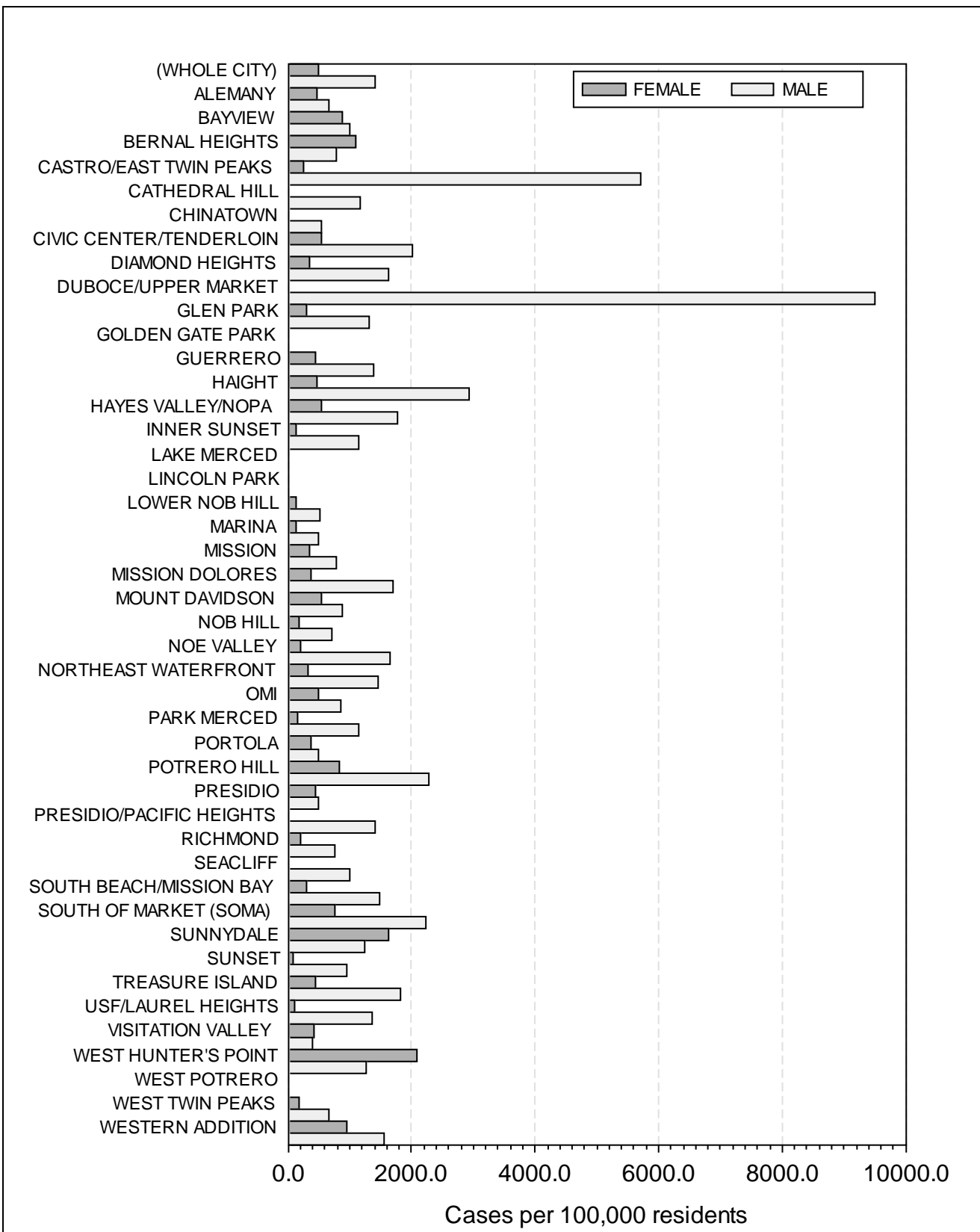
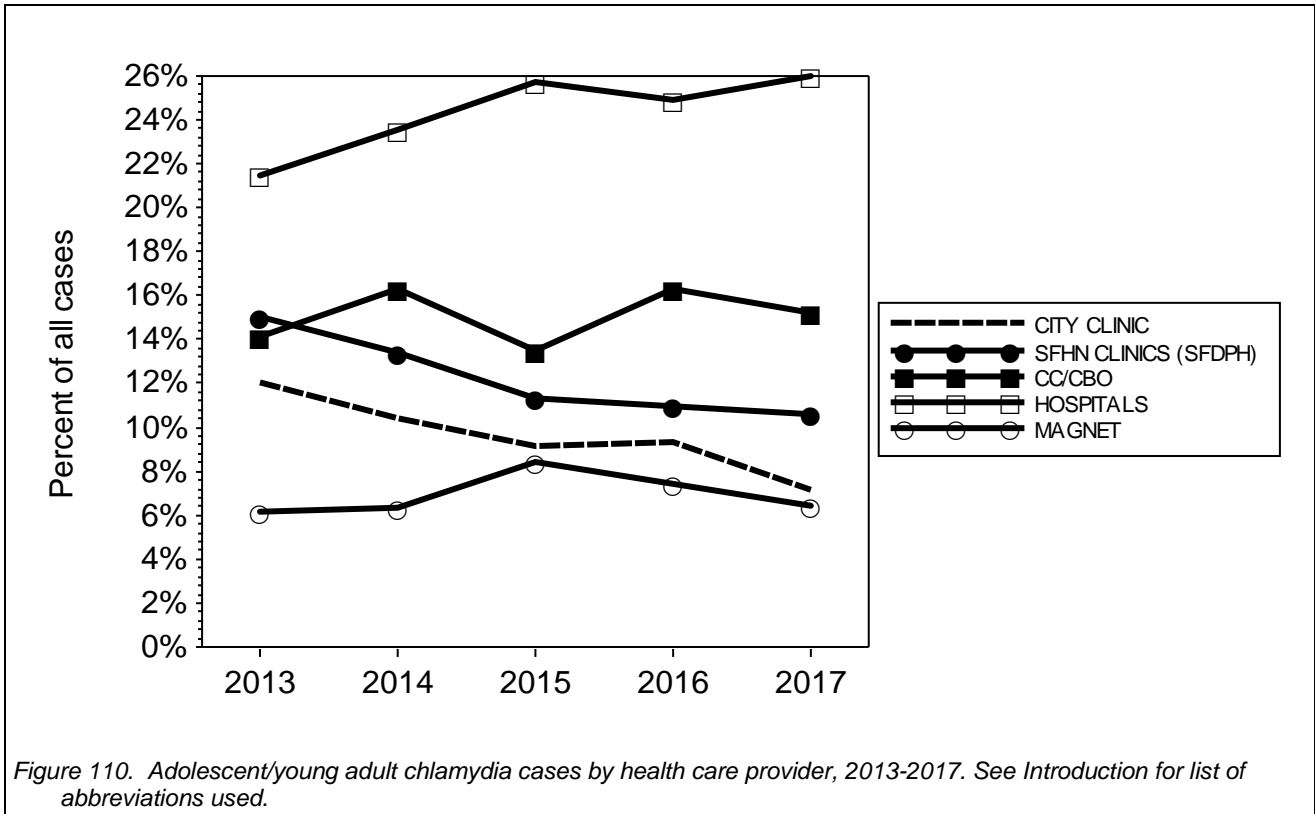
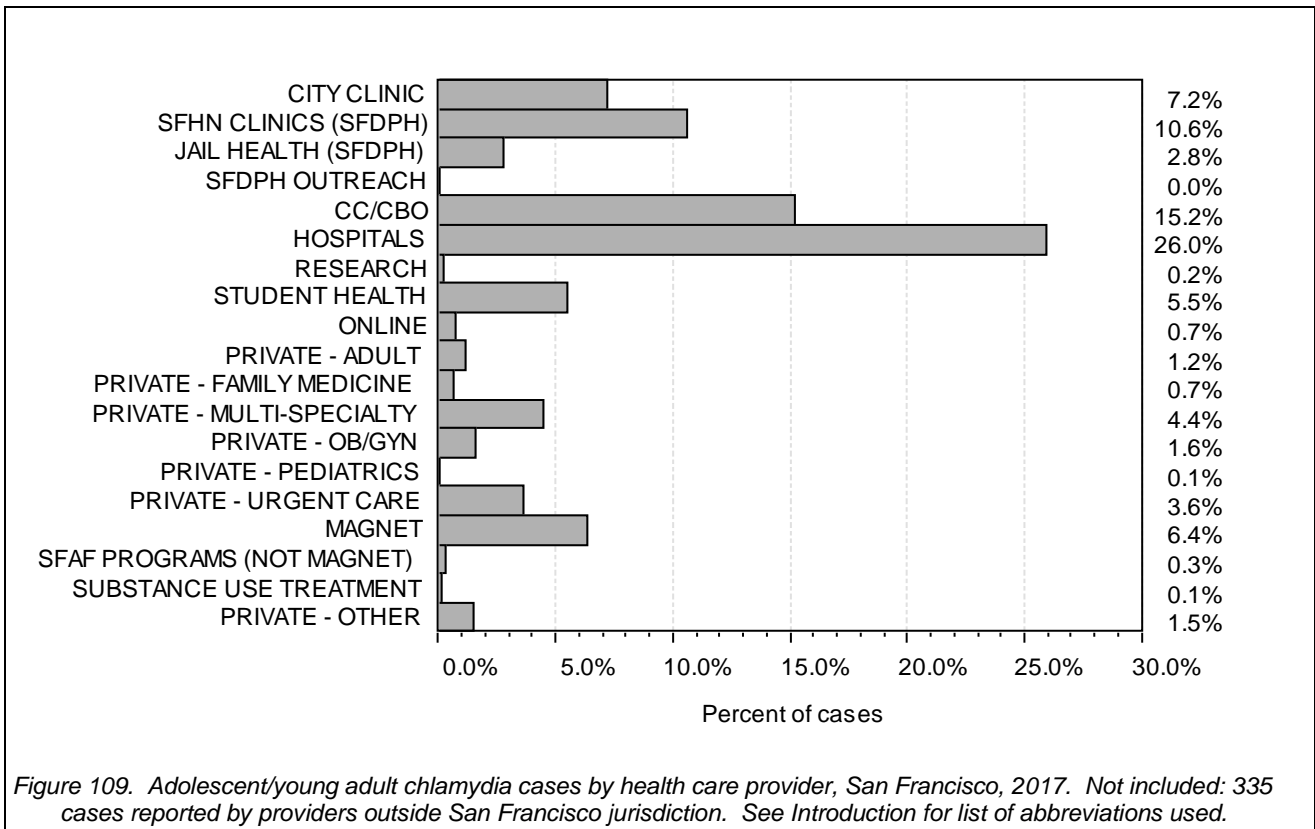


Figure 108. Adolescent/young adult male and female gonorrhea rates compared by neighborhood, 2017



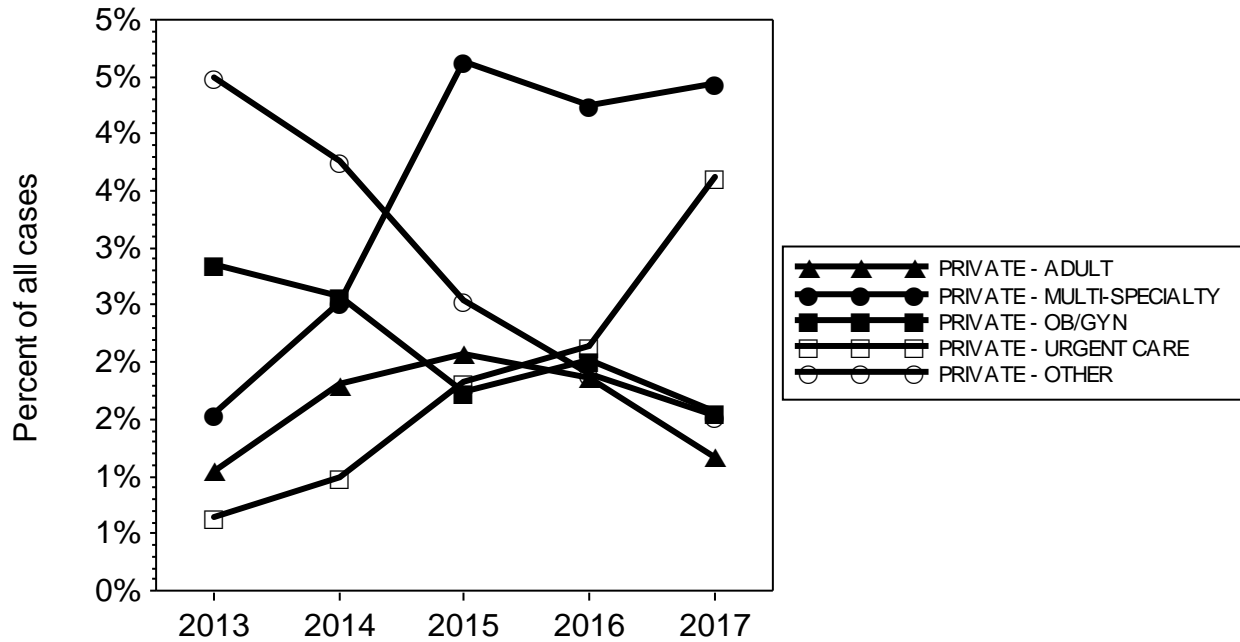


Figure 111. Adolescent/young adult chlamydia cases by health care provider, 2013-2017. See Introduction for list of abbreviations used.

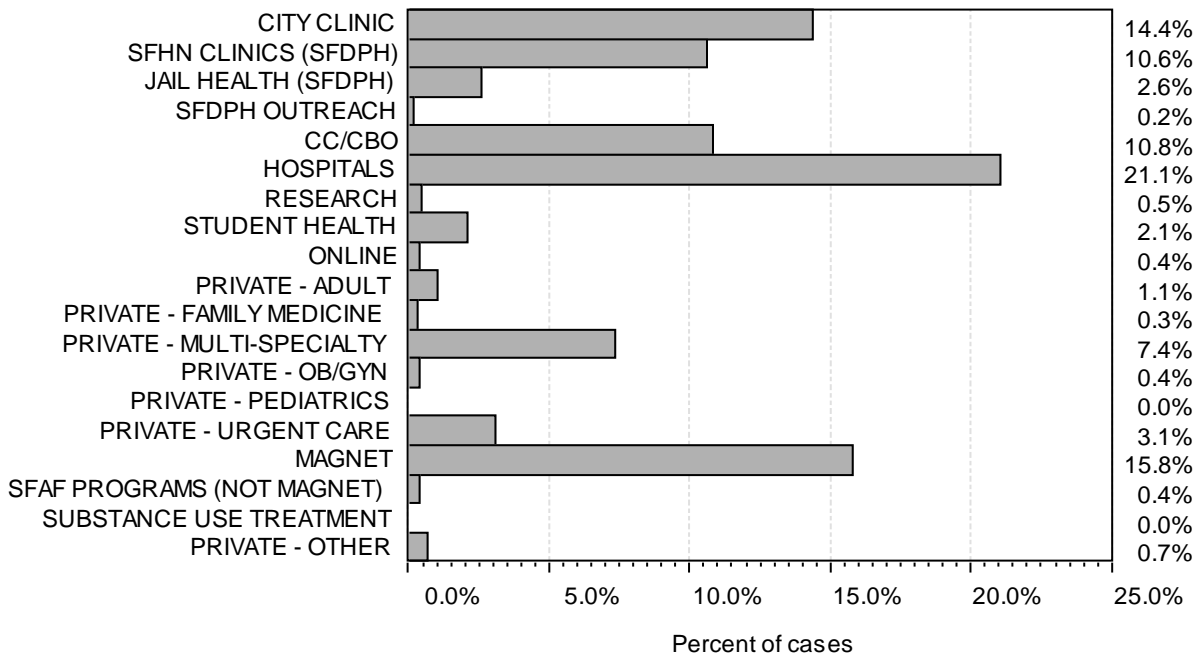


Figure 112. Adolescent/young adult gonorrhea cases by health care provider, San Francisco, 2017. Not included: 87 cases reported by providers outside San Francisco jurisdiction. See Introduction for list of abbreviations used.

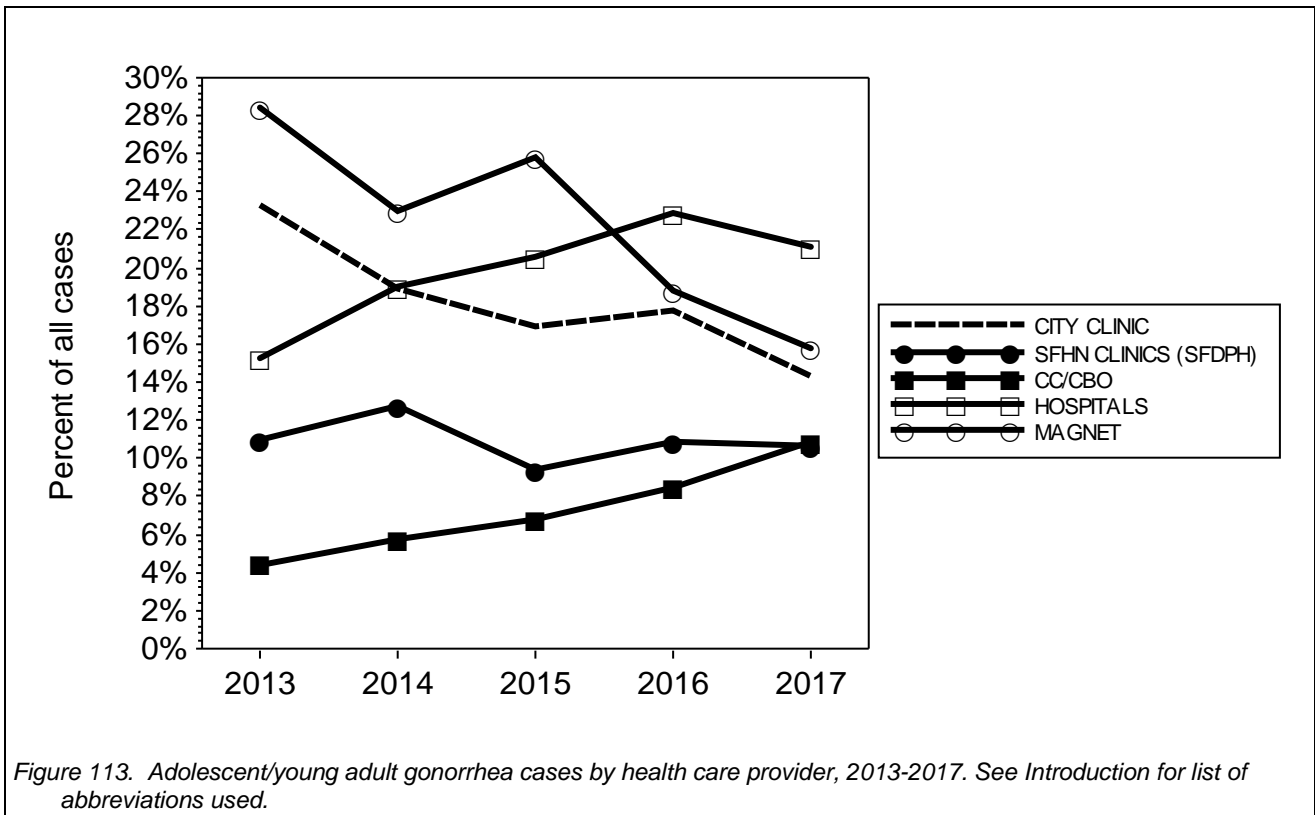


Figure 113. Adolescent/young adult gonorrhea cases by health care provider, 2013-2017. See Introduction for list of abbreviations used.

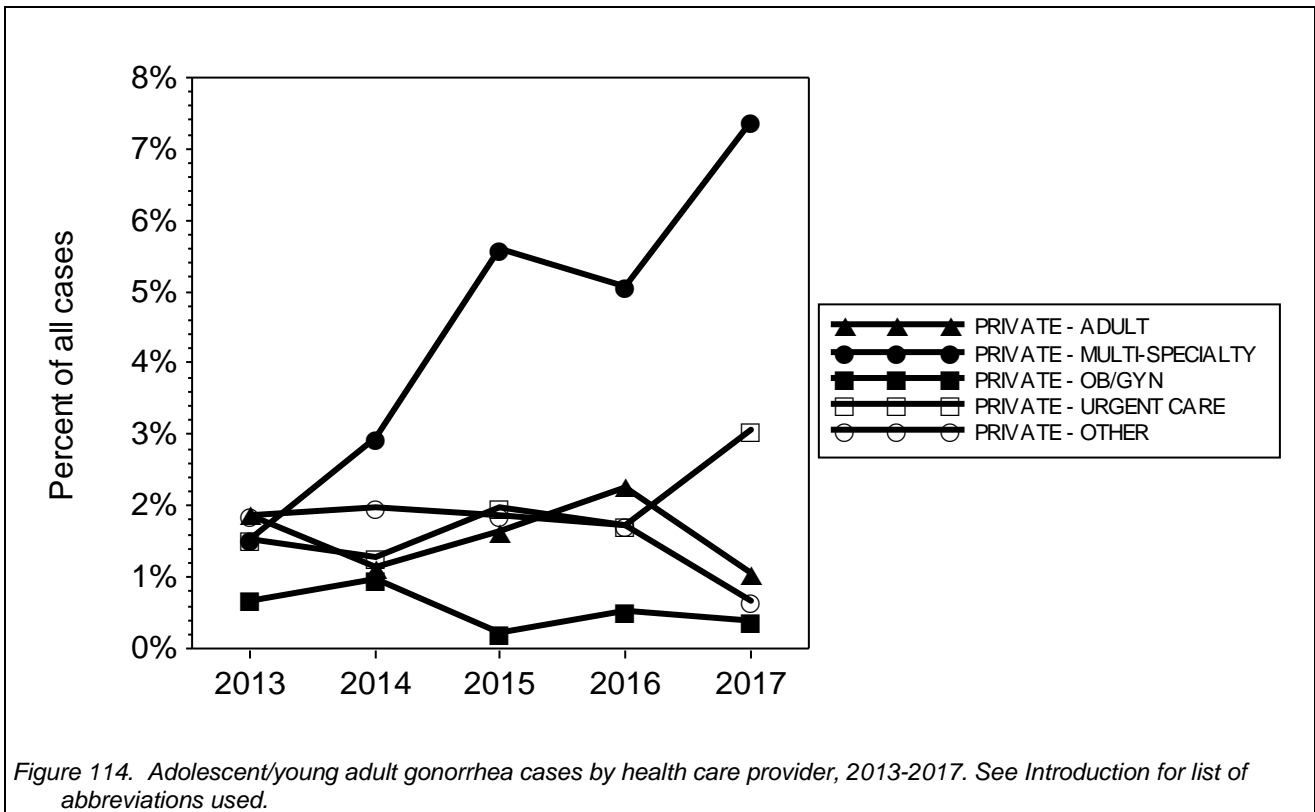


Figure 114. Adolescent/young adult gonorrhea cases by health care provider, 2013-2017. See Introduction for list of abbreviations used.

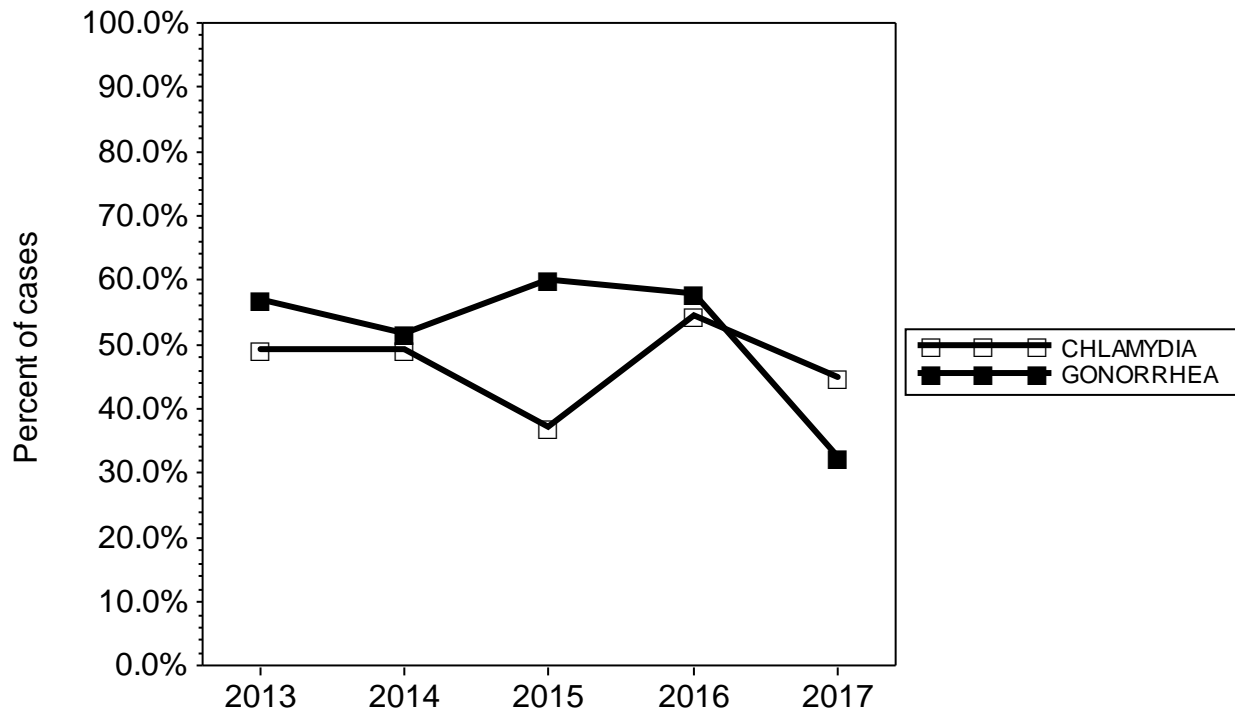


Figure 115. Trends in proportion of adolescent/young adult cases identified through public sources (i.e., all but private clinics, physicians, and hospitals), San Francisco, 2013-2017.

Table 21. Comparison of STD cases and rates for adolescents and young adults and adults, San Francisco, 2013-2017.

Cases of CHLAMYDIA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
A/YA (15-25 YRS)	2,012	2,121	2,372	2,540	2,861	1788.1	1884.9	2108.0	2257.3	2542.6
ADULT (OVER 25 YRS)	3,040	3,833	4,847	5,560	6,196	504.4	635.9	804.2	922.4	1028.0

Cases of GONORRHEA

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
A/YA (15-25 YRS)	588	709	863	932	1,057	522.6	630.1	767.0	828.3	939.4
ADULT (OVER 25 YRS)	1,930	2,564	3,395	4,276	4,690	320.2	425.4	563.3	709.4	778.1

Cases of EARLY SYPHILIS

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
A/YA (15-25 YRS)	86	89	103	107	127	76.4	79.1	91.5	95.1	112.9
ADULT (OVER 25 YRS)	925	1,006	1,103	1,040	1,326	153.5	166.9	183.0	172.5	220.0

Table 22. Adolescent/young adult cases by disease and health care provider, San Francisco, 2013-2017.

		Reported cases					Percent of reports					
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
CHLAMYDIA	(ALL PROVIDERS)	2,000	2,102	2,357	2,517	2,818	100%	100%	100%	100%	100%	
	OOJ PROVIDERS	176	184	259	266	335	8.8%	8.7%	10.9%	10.5%	11.8%	
	CITY CLINIC	241	218	215	234	202	12.0%	10.3%	9.1%	9.2%	7.1%	
	SFHN CLINICS (SFDPH)	300	282	267	276	298	15.0%	13.4%	11.3%	10.9%	10.5%	
	JAIL HEALTH (SFDPH)	83	82	75	97	79	4.1%	3.9%	3.1%	3.8%	2.8%	
	SFDPH OUTREACH	2	2	3	1	1	0.1%	0.0%	0.1%	0.0%	0.0%	
	CC/CBO	283	343	319	411	429	14.1%	16.3%	13.5%	16.3%	15.2%	
	HOSPITALS	429	495	606	627	732	21.4%	23.5%	25.7%	24.9%	25.9%	
	RESEARCH	4	5	0	4	7	0.2%	0.2%	0.0%	0.1%	0.2%	
	STUDENT HEALTH	120	89	86	85	154	6.0%	4.2%	3.6%	3.3%	5.4%	
	ONLINE	0	0	0	0	21	0.0%	0.0%	0.0%	0.0%	0.7%	
	PRIVATE - ADULT	21	38	49	47	33	1.0%	1.8%	2.0%	1.8%	1.1%	
	PRIVATE - FAMILY MEDICINE	21	14	13	13	19	1.0%	0.6%	0.5%	0.5%	0.6%	
	PRIVATE - MULTI-SPECIALTY	31	53	109	107	125	1.5%	2.5%	4.6%	4.2%	4.4%	
	PRIVATE - OB/GYN	57	54	41	51	44	2.8%	2.5%	1.7%	2.0%	1.5%	
	PRIVATE - PEDIATRICS	5	4	8	4	2	0.2%	0.1%	0.3%	0.1%	0.0%	
	PRIVATE - URGENT CARE	13	21	43	54	102	0.6%	0.9%	1.8%	2.1%	3.6%	
	MAGNET	124	134	198	187	180	6.2%	6.3%	8.4%	7.4%	6.3%	
	SFAF PROGRAMS (NOT MAGNET)	0	0	1	2	8	0.0%	0.0%	0.0%	0.0%	0.2%	
	SUBSTANCE USE TREATMENT	0	5	5	3	4	0.0%	0.2%	0.2%	0.1%	0.1%	
	PRIVATE - OTHER	90	79	60	48	43	4.5%	3.7%	2.5%	1.9%	1.5%	
	GONORRHEA	(ALL PROVIDERS)	585	708	857	925	1,044	100%	100%	100%	100%	100%
		OOJ PROVIDERS	18	38	39	54	87	3.0%	5.3%	4.5%	5.8%	8.3%
CITY CLINIC		136	134	145	164	150	23.2%	18.9%	16.9%	17.7%	14.3%	
SFHN CLINICS (SFDPH)		64	90	81	101	111	10.9%	12.7%	9.4%	10.9%	10.6%	
JAIL HEALTH (SFDPH)		13	30	24	18	27	2.2%	4.2%	2.8%	1.9%	2.5%	
SFDPH OUTREACH		8	4	1	3	2	1.3%	0.5%	0.1%	0.3%	0.1%	
CC/CBO		26	41	58	78	113	4.4%	5.7%	6.7%	8.4%	10.8%	
HOSPITALS		89	135	176	212	220	15.2%	19.0%	20.5%	22.9%	21.0%	
RESEARCH		3	5	0	1	5	0.5%	0.7%	0.0%	0.1%	0.4%	
STUDENT HEALTH		16	8	9	9	22	2.7%	1.1%	1.0%	0.9%	2.1%	
ONLINE		0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.3%	
PRIVATE - ADULT		11	8	14	21	11	1.8%	1.1%	1.6%	2.2%	1.0%	
PRIVATE - FAMILY MEDICINE		1	1	3	4	3	0.1%	0.1%	0.3%	0.4%	0.2%	
PRIVATE - MULTI-SPECIALTY		9	21	48	47	77	1.5%	2.9%	5.6%	5.0%	7.3%	
PRIVATE - OB/GYN		4	7	2	5	4	0.6%	0.9%	0.2%	0.5%	0.3%	
PRIVATE - PEDIATRICS		0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	
PRIVATE - URGENT CARE		9	9	17	16	32	1.5%	1.2%	1.9%	1.7%	3.0%	
MAGNET		166	163	221	174	165	28.3%	23.0%	25.7%	18.8%	15.8%	
SFAF PROGRAMS (NOT MAGNET)		0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.3%	
SUBSTANCE USE TREATMENT		1	0	3	2	0	0.1%	0.0%	0.3%	0.2%	0.0%	
PRIVATE - OTHER		11	14	16	16	7	1.8%	1.9%	1.8%	1.7%	0.6%	

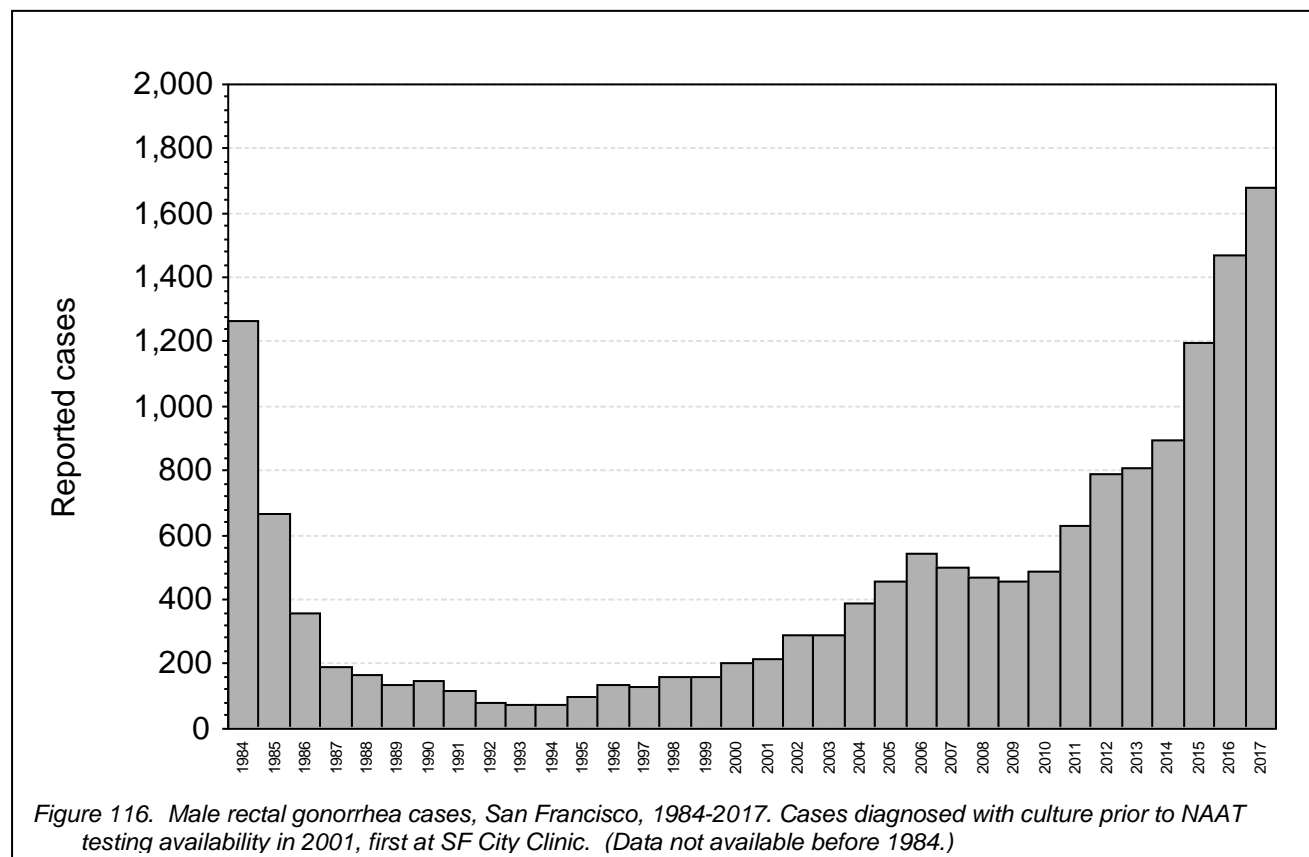
San Francisco Department of Public Health

	Reported cases					Percent of reports				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHILIS (ALL PROVIDERS)	86	87	102	106	125	100%	100%	100%	100%	100%
OOJ PROVIDERS	3	6	7	5	9	3.4%	6.8%	6.8%	4.7%	7.2%
CITY CLINIC	30	16	25	20	26	34.8%	18.3%	24.5%	18.8%	20.8%
SFHN CLINICS (SFDPH)	12	15	3	16	18	13.9%	17.2%	2.9%	15.0%	14.4%
JAIL HEALTH (SFDPH)	0	2	2	1	1	0.0%	2.2%	1.9%	0.9%	0.8%
SFDPH OUTREACH	0	2	1	0	0	0.0%	2.2%	0.9%	0.0%	0.0%
CC/CBO	0	3	9	16	5	0.0%	3.4%	8.8%	15.0%	4.0%
HOSPITALS	13	16	16	18	27	15.1%	18.3%	15.6%	16.9%	21.6%
RESEARCH	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
STUDENT HEALTH	0	1	2	0	0	0.0%	1.1%	1.9%	0.0%	0.0%
ONLINE	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
PRIVATE - ADULT	1	3	7	3	4	1.1%	3.4%	6.8%	2.8%	3.2%
PRIVATE - FAMILY MEDICINE	1	0	0	0	0	1.1%	0.0%	0.0%	0.0%	0.0%
PRIVATE - MULTI-SPECIALTY	1	2	3	4	11	1.1%	2.2%	2.9%	3.7%	8.8%
PRIVATE - OB/GYN	0	0	0	1	1	0.0%	0.0%	0.0%	0.9%	0.8%
PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
PRIVATE - URGENT CARE	0	0	2	3	2	0.0%	0.0%	1.9%	2.8%	1.6%
MAGNET	22	19	23	16	21	25.5%	21.8%	22.5%	15.0%	16.8%
SFAF PROGRAMS (NOT MAGNET)	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
SUBSTANCE USE TREATMENT	2	0	0	2	0	2.3%	0.0%	0.0%	1.8%	0.0%
PRIVATE - OTHER	1	2	2	1	0	1.1%	2.2%	1.9%	0.9%	0.0%

Rectal and pharyngeal infections in men

Rectal and pharyngeal screening for gonorrhea and chlamydia for men who have sex with men began in 2001 at City Clinic and has since expanded widely to local providers serving MSM populations. Additionally, local screening guidelines recommend quarterly screening for sexually active gay, bi, and other men who have sex with men. As a result, increases in case detection may partly be a function of increased screening for these often asymptomatic infections. Nearly all rectal and pharyngeal specimens collected were tested for both chlamydia and gonorrhea.

- In 2017, reports of rectal chlamydia and rectal gonorrhea continued to increase.
- Among male residents, 56.6% of rectal chlamydia and 54.8% of rectal gonorrhea male cases were among whites, (compared with 42.0% of male urethral chlamydia and 44.6% of male urethral gonorrhea).
- Private medical clinics and hospitals continue to diagnose an increasing proportion of rectal chlamydia and gonorrhea cases.
 - City Clinic and Magnet at Strut diagnosed slightly more than half of citywide of rectal chlamydia and gonorrhea cases; five years ago, the two clinics diagnosed 75-80% of citywide rectal chlamydia and gonorrhea.



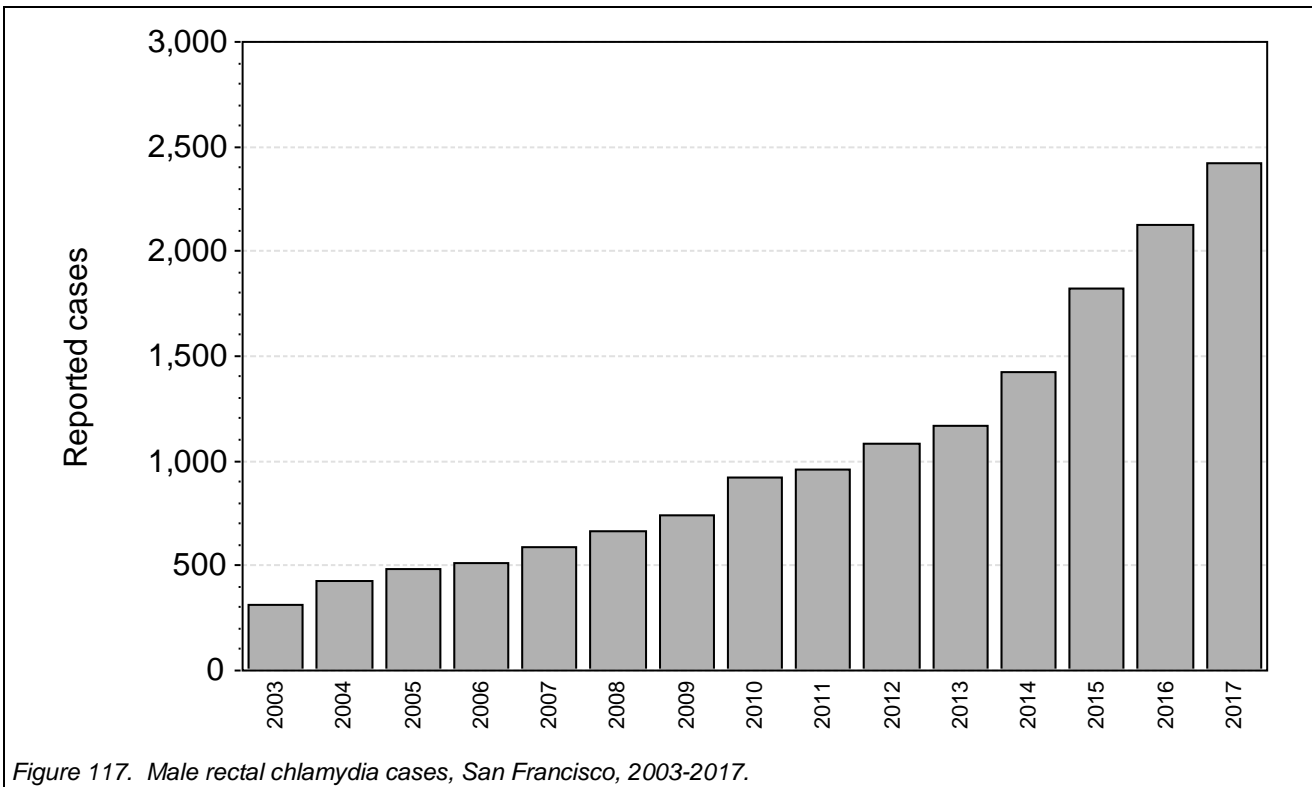


Figure 117. Male rectal chlamydia cases, San Francisco, 2003-2017.

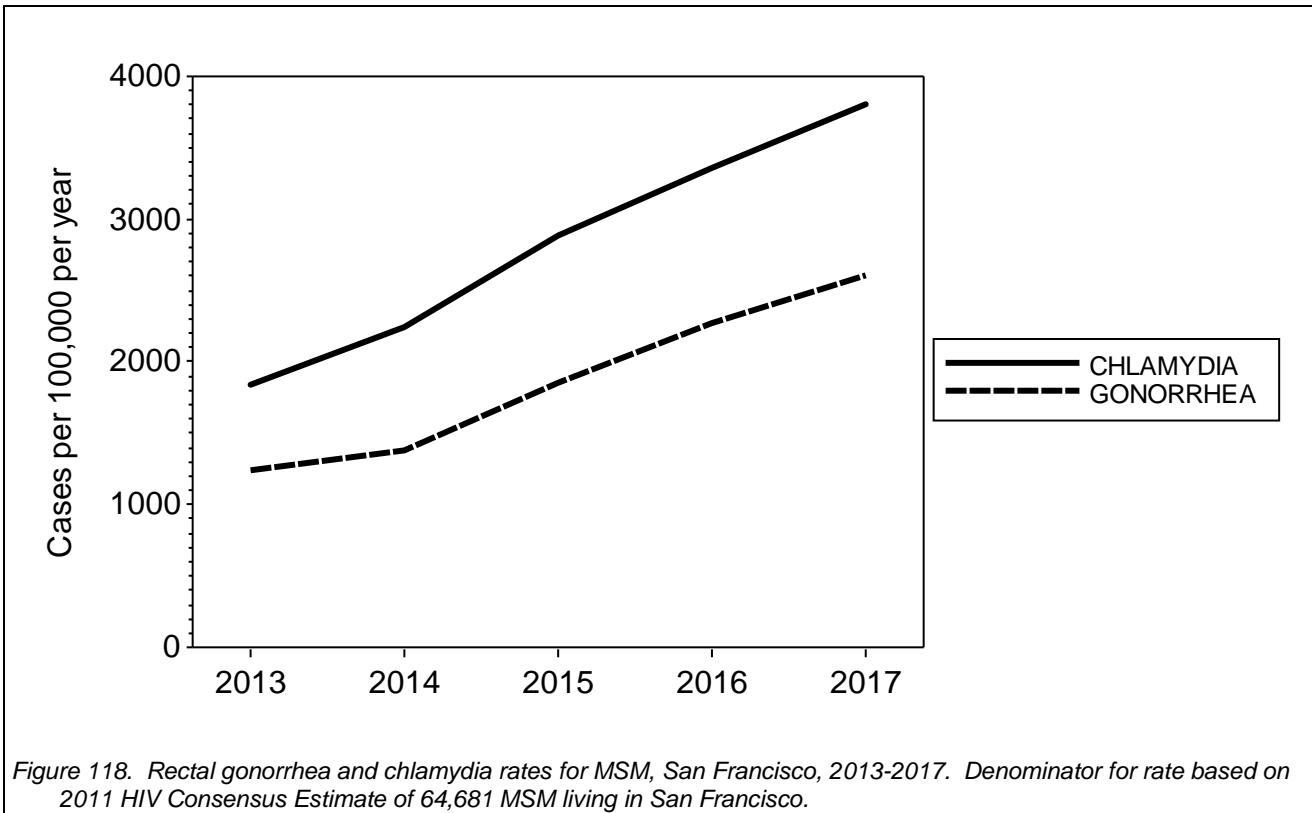


Figure 118. Rectal gonorrhea and chlamydia rates for MSM, San Francisco, 2013-2017. Denominator for rate based on 2011 HIV Consensus Estimate of 64,681 MSM living in San Francisco.

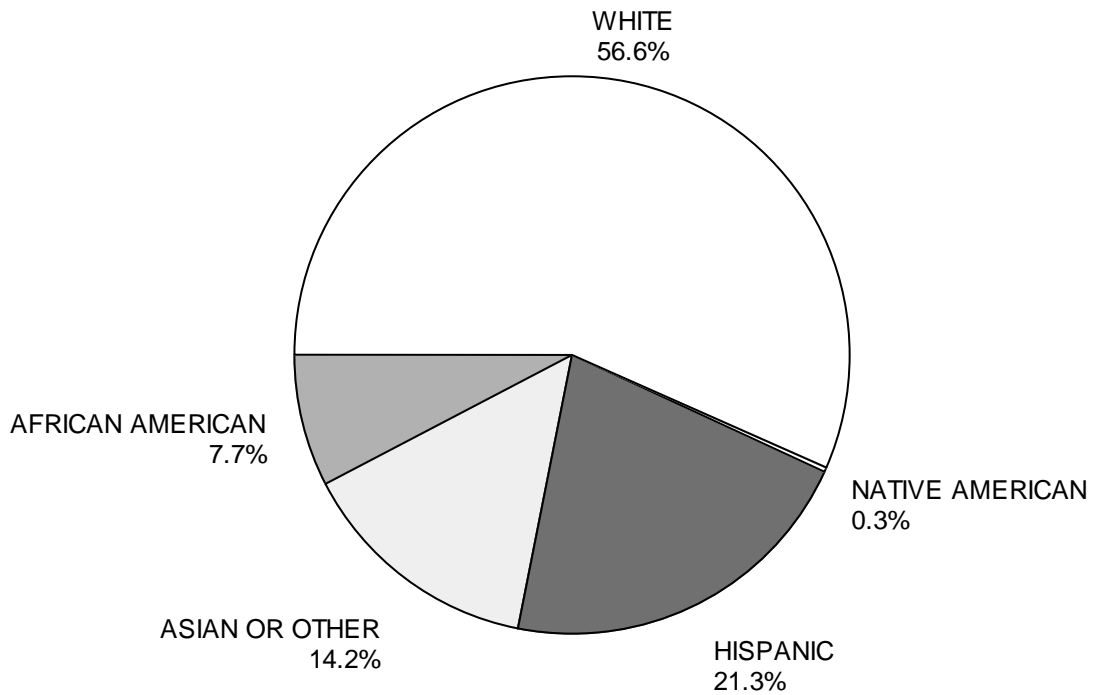


Figure 119. Rectal gonorrhea cases among males by race/ethnicity, San Francisco, 2017.

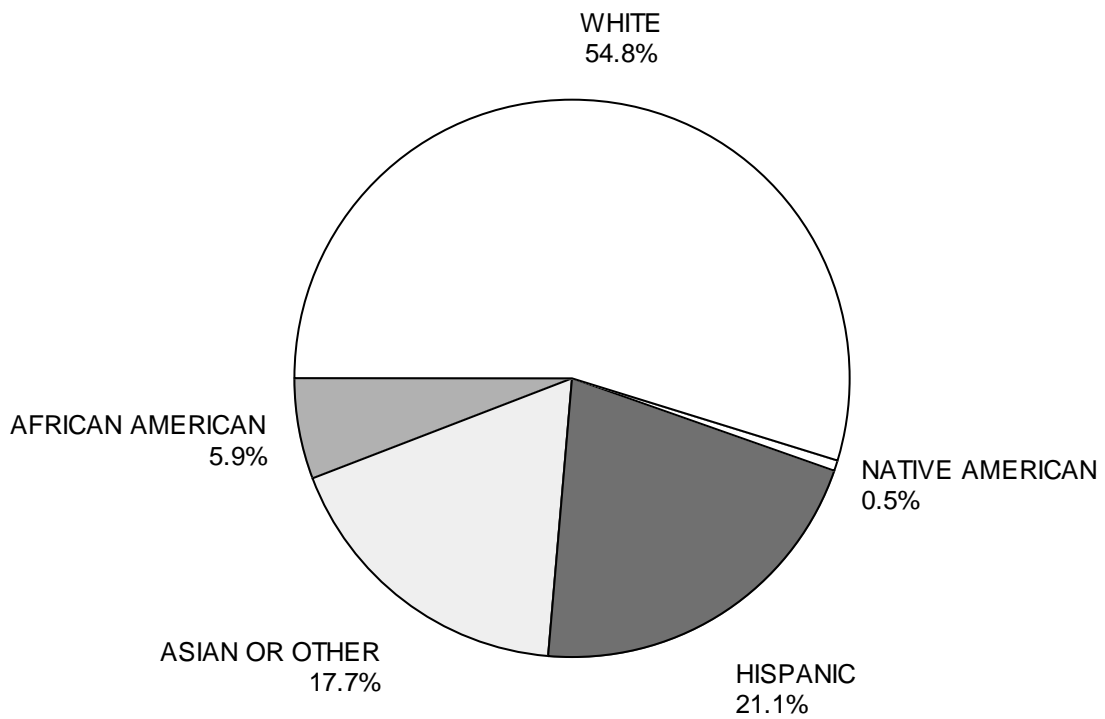


Figure 120. Rectal chlamydia cases among males by race/ethnicity, San Francisco, 2017.

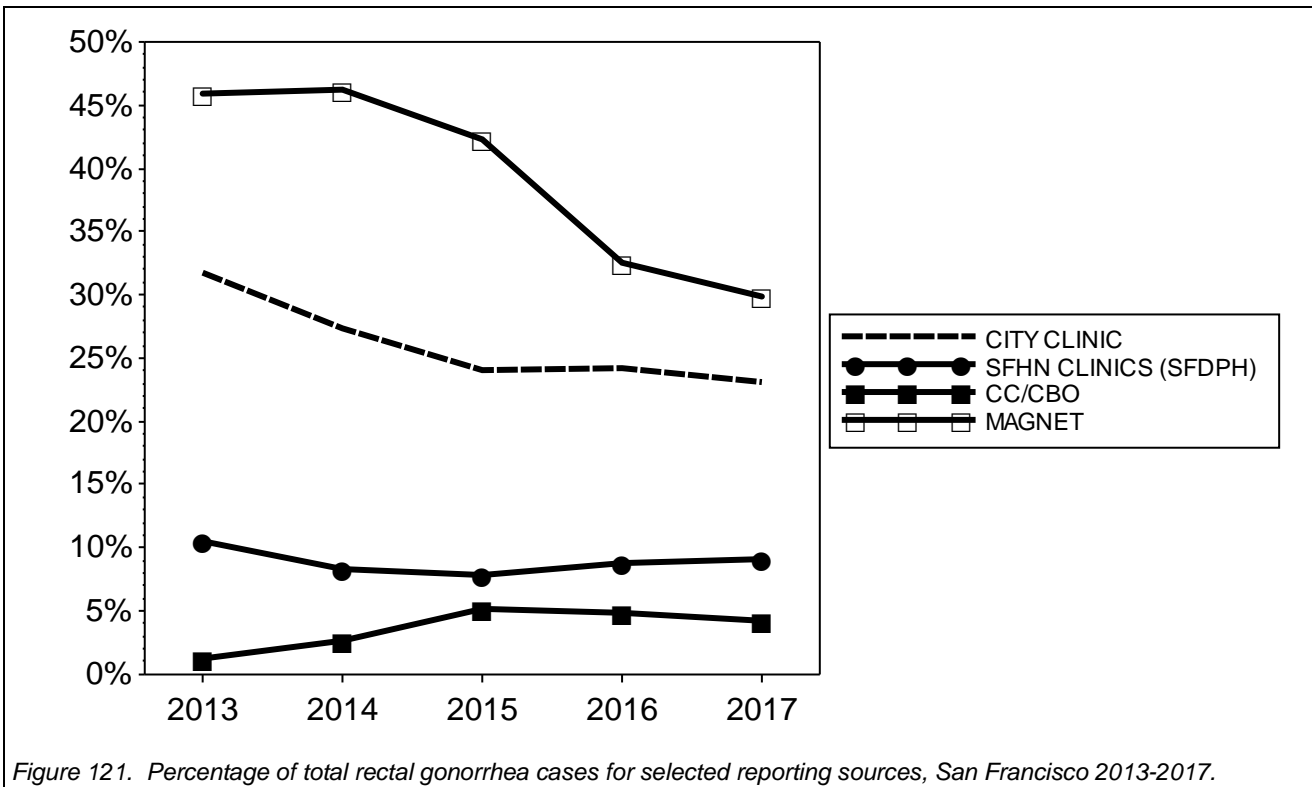


Figure 121. Percentage of total rectal gonorrhea cases for selected reporting sources, San Francisco 2013-2017.

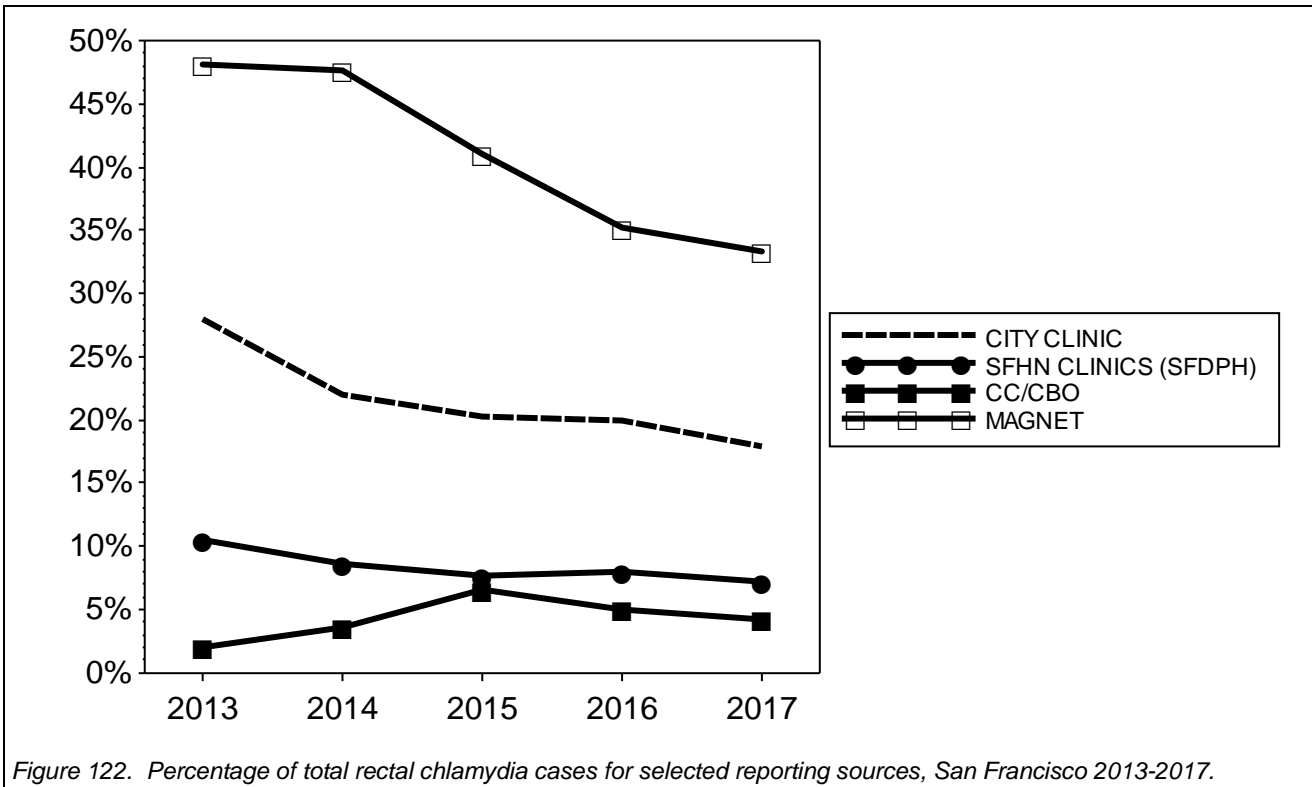


Figure 122. Percentage of total rectal chlamydia cases for selected reporting sources, San Francisco 2013-2017.

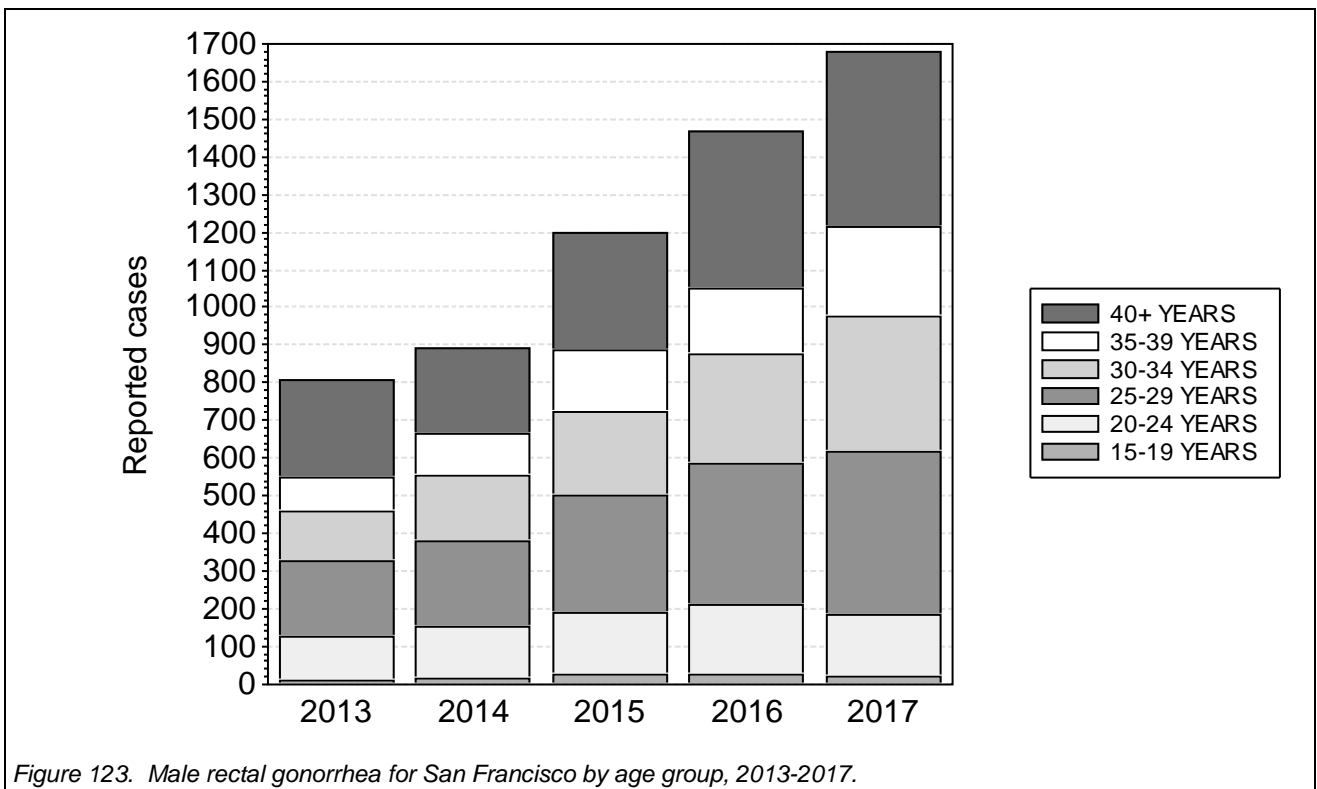


Figure 123. Male rectal gonorrhea for San Francisco by age group, 2013-2017.

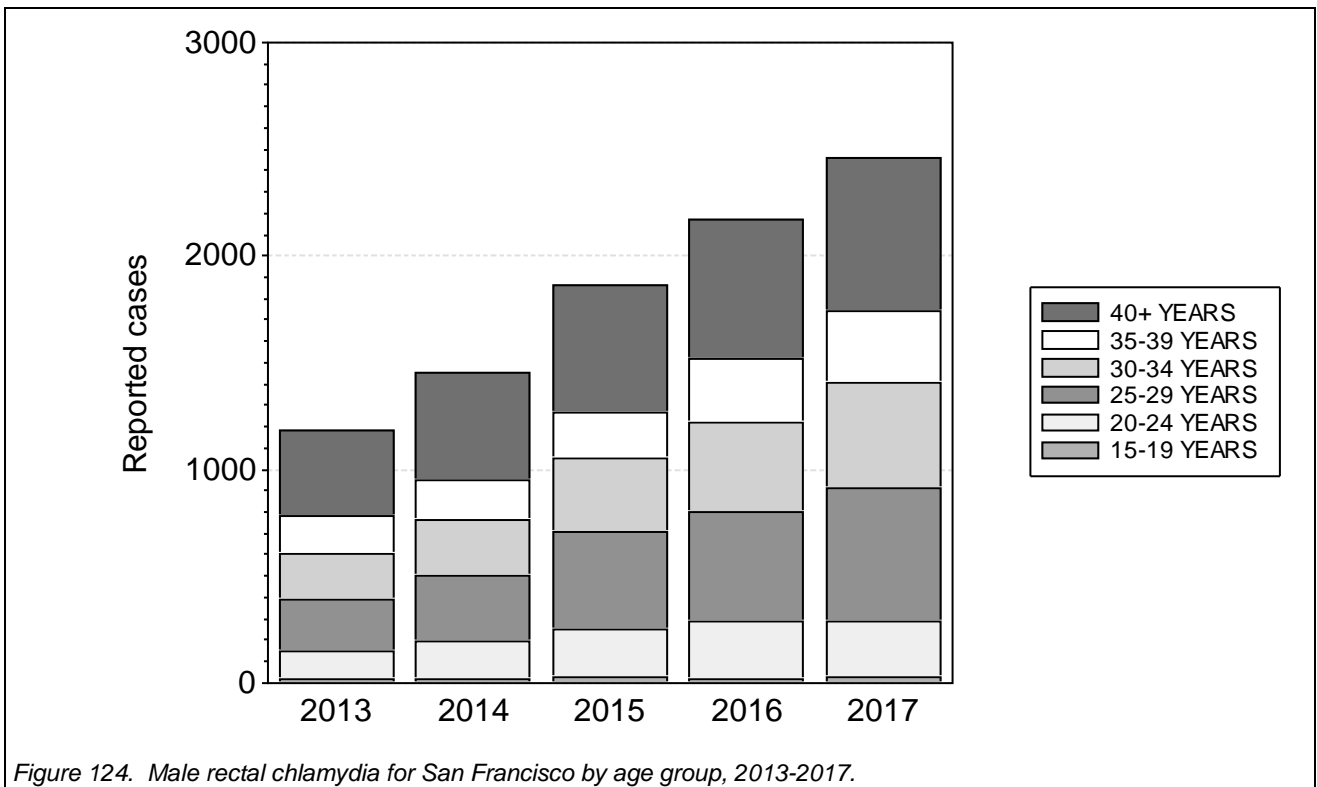


Figure 124. Male rectal chlamydia for San Francisco by age group, 2013-2017.

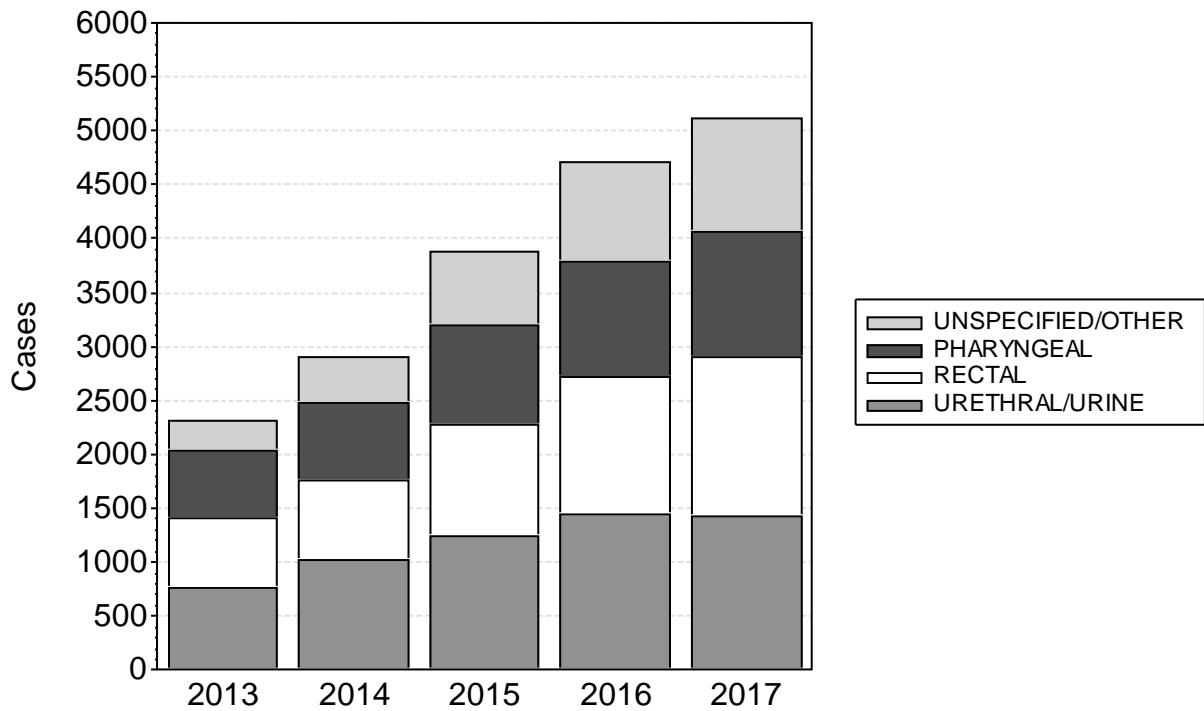


Figure 125. Male gonorrhea for San Francisco by site of infection, 2013-2017. For patients with multiple sites of infection, cases are included in lower group in bar in order to show disease identified through extragenital testing.

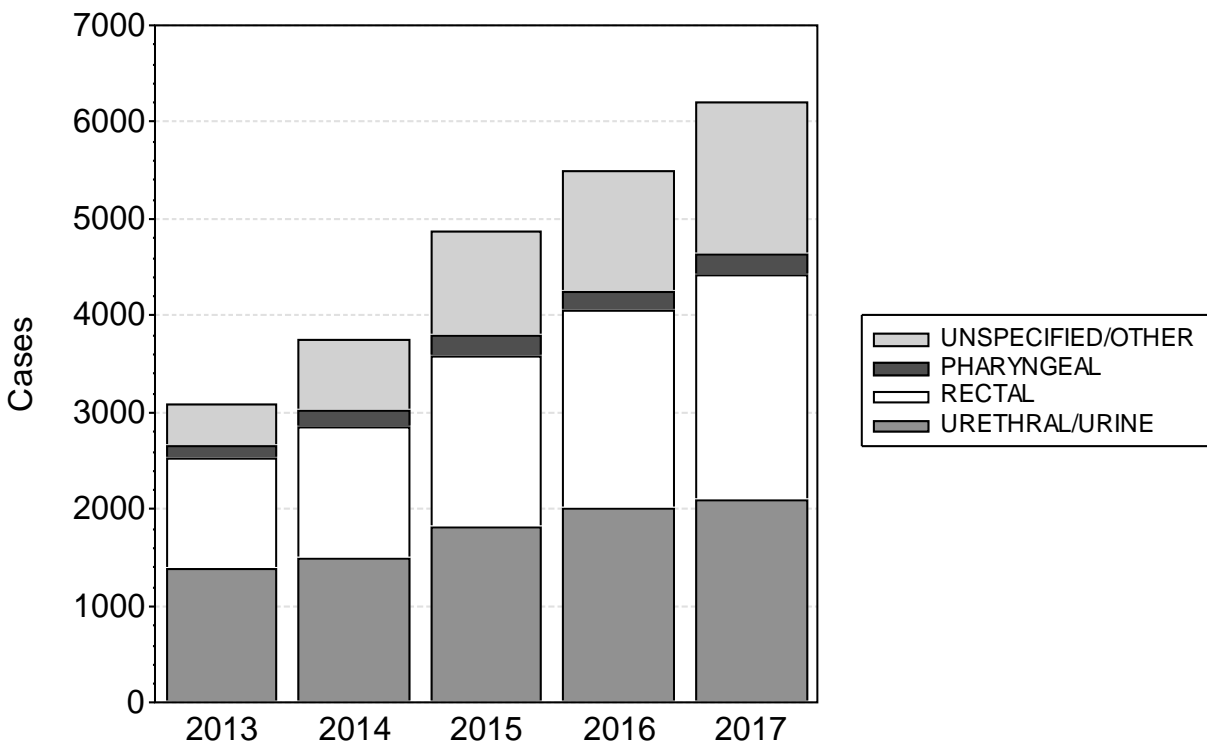
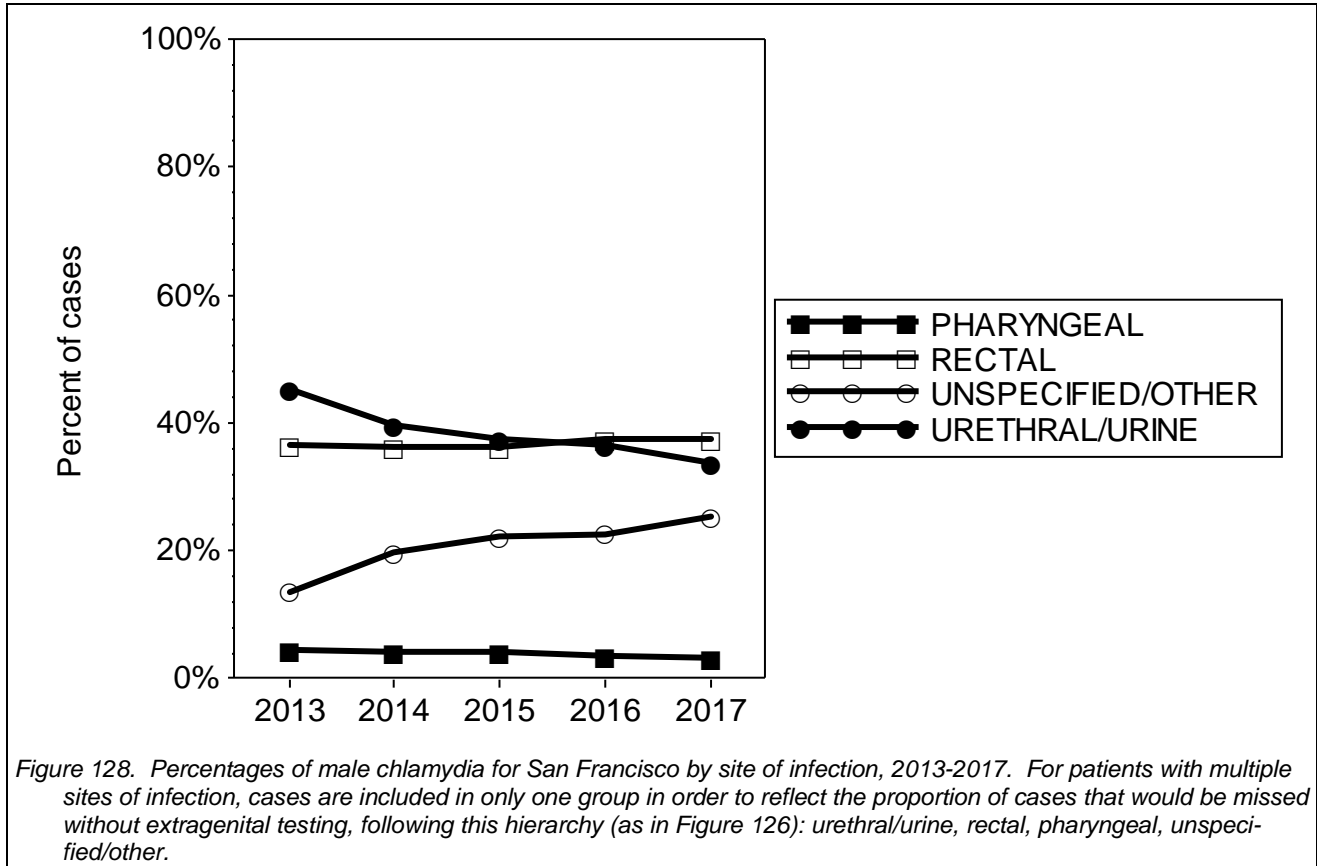
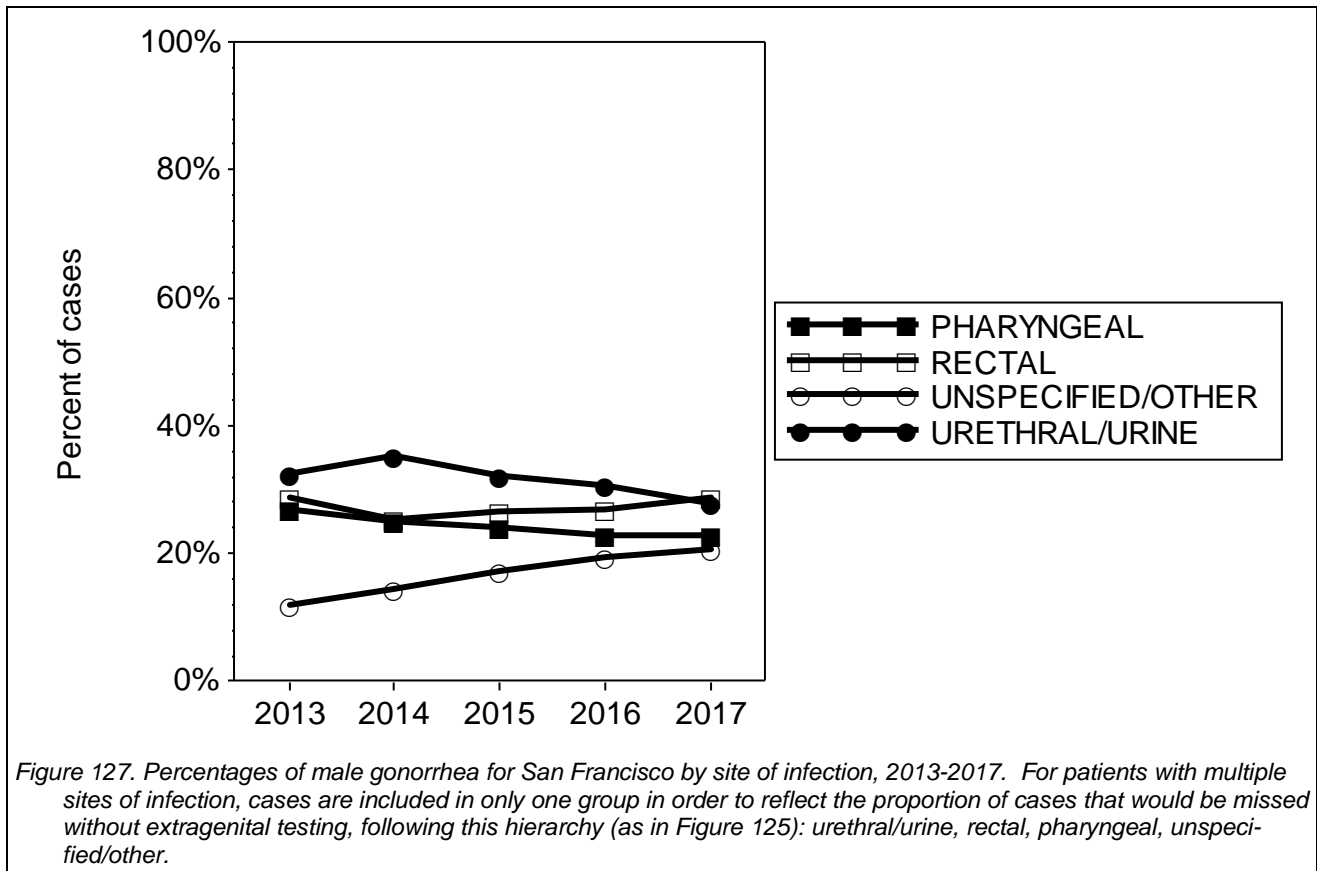


Figure 126. Male chlamydia for San Francisco by site of infection, 2013-2017. For patients with multiple sites of infection, cases are included in lower group in bar in order to show disease identified through extragenital testing.



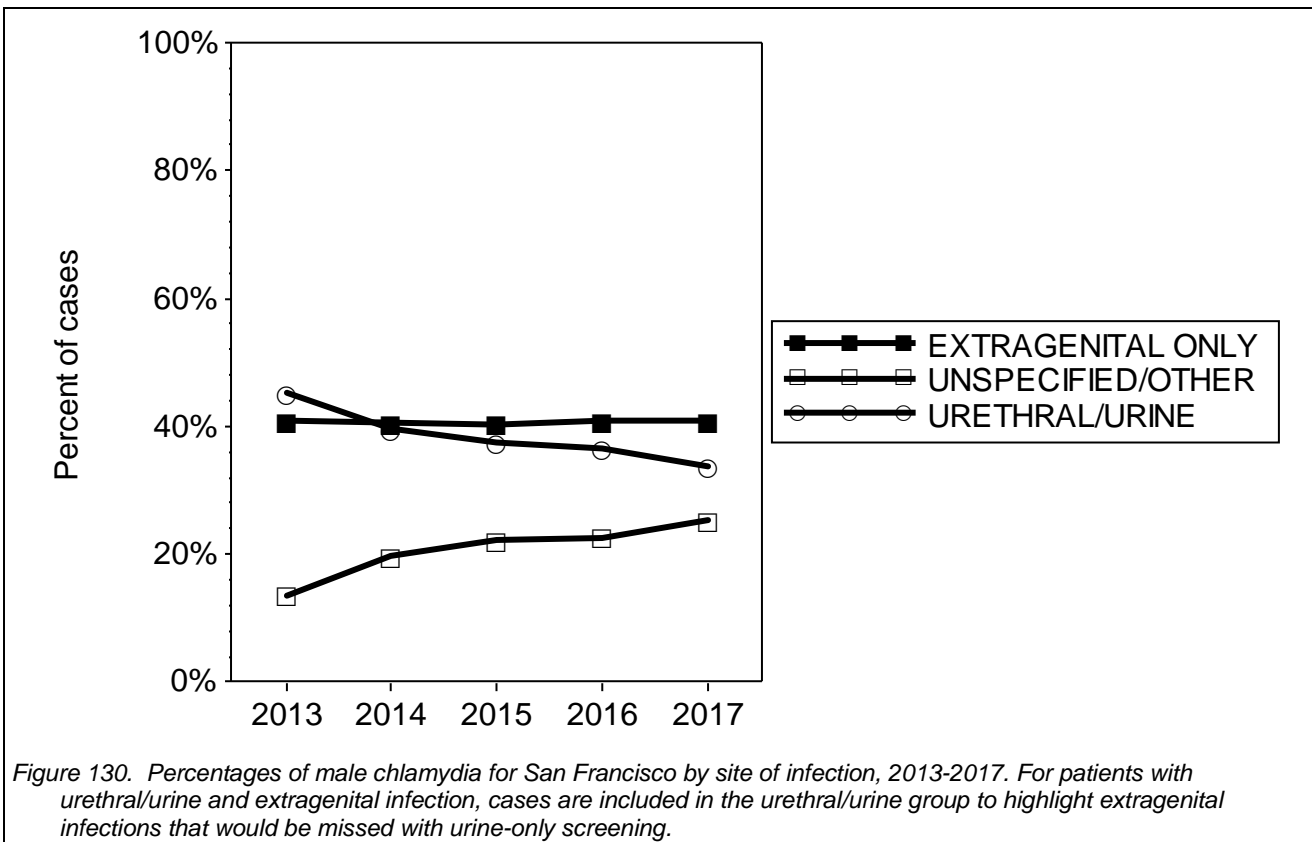
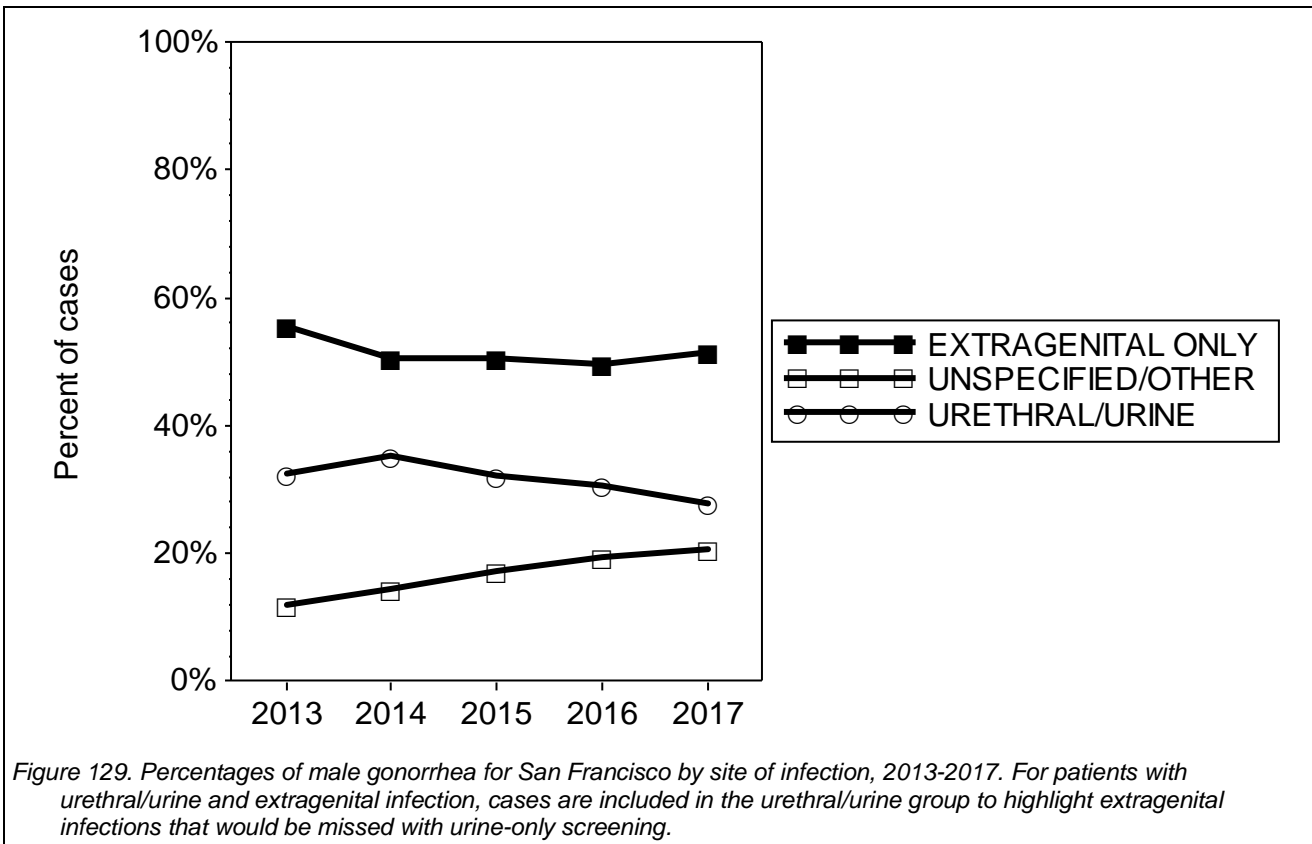


Table 23. Male chlamydia and gonorrhea among San Francisco residents by site of infection, 2013-2017. (Order of rows reflects precedence for patients with multiple sites of infection, reflecting the number and proportion of cases that would be missed with genital testing alone.)

	Cases					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA URETHRAL/URINE	1,395	1,493	1,823	2,006	2,099	45.3%	39.7%	37.4%	36.4%	33.8%
RECTAL	1,120	1,364	1,767	2,055	2,326	36.4%	36.2%	36.3%	37.3%	37.4%
PHARYNGEAL	140	155	198	190	206	4.5%	4.1%	4.0%	3.4%	3.3%
UNSPECIFIED/OTHER	420	746	1,074	1,247	1,572	13.6%	19.8%	22.0%	22.6%	25.3%
(TOTAL)	3,075	3,758	4,862	5,498	6,203	100%	100%	100%	100%	100%
GONORRHEA URETHRAL/URINE	755	1,020	1,243	1,448	1,424	32.6%	35.1%	32.0%	30.7%	27.8%
RECTAL	662	736	1,026	1,262	1,471	28.6%	25.3%	26.4%	26.7%	28.7%
PHARYNGEAL	620	727	935	1,081	1,166	26.7%	25.0%	24.1%	22.9%	22.8%
UNSPECIFIED/OTHER	277	418	669	919	1,050	11.9%	14.4%	17.2%	19.5%	20.5%
(TOTAL)	2,314	2,901	3,873	4,710	5,111	100%	100%	100%	100%	100%

Table 24. Rectal STDs among male residents, San Francisco, 2013-2017.

Cases of RECTAL CHLAMYDIA	Reported cases					Percent of cases				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Race/ethnicity										
ASIAN/PACIFIC ISLANDER	161	197	235	284	369	13.5%	13.5%	12.6%	13.0%	15.0%
BLACK/AFRICAN AMERICAN	66	88	92	111	122	5.5%	6.0%	4.9%	5.1%	4.9%
HISPANIC	245	244	368	414	438	20.6%	16.8%	19.7%	19.0%	17.8%
NATIVE AMERICAN	5	9	6	7	11	0.4%	0.6%	0.3%	0.3%	0.4%
UNK/OTHER	42	74	133	234	380	3.5%	5.0%	7.1%	10.7%	15.4%
WHITE	667	839	1031	1120	1139	56.2%	57.8%	55.2%	51.6%	46.3%
Age group										
(MISSING AGE)	2	2	1	1	1	0.1%	0.1%	0.0%	0.0%	0.0%
15-19 YEARS	14	18	26	21	29	1.1%	1.2%	1.3%	0.9%	1.1%
20-24 YEARS	131	179	228	264	257	11.0%	12.3%	12.2%	12.1%	10.4%
25-29 YEARS	244	309	454	512	628	20.5%	21.2%	24.3%	23.5%	25.5%
30-34 YEARS	219	259	340	418	493	18.4%	17.8%	18.2%	19.2%	20.0%
35-39 YEARS	172	180	215	299	332	14.5%	12.4%	11.5%	13.7%	13.5%
40+ YEARS	404	504	601	655	719	34.0%	34.7%	32.2%	30.1%	29.2%
Reporting source										
OOJ PROVIDERS	8	17	18	61	75	0.6%	1.1%	0.9%	2.8%	3.0%
CITY CLINIC	332	319	378	432	439	27.9%	21.9%	20.2%	19.9%	17.8%
SFHN CLINICS (SFDPH)	124	126	142	173	177	10.4%	8.6%	7.6%	7.9%	7.1%
JAIL HEALTH (SFDPH)	4	7	2	1	3	0.3%	0.4%	0.1%	0.0%	0.1%
SFDPH OUTREACH	27	25	18	22	1	2.2%	1.7%	0.9%	1.0%	0.0%
CC/CBO	24	51	123	108	103	2.0%	3.5%	6.5%	4.9%	4.1%
HOSPITALS	30	82	116	103	107	2.5%	5.6%	6.2%	4.7%	4.3%
RESEARCH	15	16	4	15	18	1.2%	1.1%	0.2%	0.6%	0.7%
STUDENT HEALTH	1	2	1	0	2	0.0%	0.1%	0.0%	0	0.0%
ONLINE	0	0	0	0	2	0	0	0	0	0.0%
PRIVATE - ADULT	21	31	59	71	119	1.7%	2.1%	3.1%	3.2%	4.8%
PRIVATE - FAMILY MEDICINE	6	2	1	4	4	0.5%	0.1%	0.0%	0.1%	0.1%
PRIVATE - MULTI-SPECIALTY	2	50	191	323	471	0.1%	3.4%	10.2%	14.8%	19.1%
PRIVATE - OB/GYN	0	0	0	0	5	0	0	0	0	0.2%
PRIVATE - URGENT CARE	1	0	1	14	11	0.0%	0	0.0%	0.6%	0.4%
MAGNET	571	692	764	764	821	48.1%	47.6%	40.9%	35.2%	33.3%
SFAF PROGRAMS (NOT MAGNET)	0	0	3	8	20	0	0	0.1%	0.3%	0.8%
SUBSTANCE USE TREATMENT	0	0	0	1	0	0	0	0	0.0%	0
PRIVATE - OTHER	20	31	44	70	81	1.6%	2.1%	2.3%	3.2%	3.2%
(TOTAL)	1186	1451	1865	2170	2459	100%	100%	100%	100%	100%

San Francisco Department of Public Health

Cases of RECTAL GONORRHEA

	Reported cases					Percent of cases				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Race/ethnicity										
ASIAN/PACIFIC ISLANDER	82	68	110	150	212	10.1%	7.5%	9.1%	10.2%	12.6%
BLACK/AFRICAN AMERICAN	43	45	70	92	114	5.3%	5.0%	5.8%	6.2%	6.7%
HISPANIC	163	193	253	267	317	20.2%	21.5%	21.1%	18.1%	18.8%
NATIVE AMERICAN	5	7	6	4	4	0.6%	0.7%	0.5%	0.2%	0.2%
UNK/OTHER	28	43	87	135	191	3.4%	4.8%	7.2%	9.1%	11.3%
WHITE	485	539	673	820	843	60.1%	60.2%	56.1%	55.8%	50.1%
Age group										
(MISSING AGE)	1	1	1	0	1	0.1%	0.1%	0.0%	0	0.0%
15-19 YEARS	11	16	23	24	21	1.3%	1.7%	1.9%	1.6%	1.2%
20-24 YEARS	114	134	167	184	162	14.1%	14.9%	13.9%	12.5%	9.6%
25-29 YEARS	199	228	310	375	432	24.6%	25.4%	25.8%	25.5%	25.6%
30-34 YEARS	135	173	221	292	363	16.7%	19.3%	18.4%	19.8%	21.5%
35-39 YEARS	89	112	165	177	234	11.0%	12.5%	13.7%	12.0%	13.9%
40+ YEARS	257	231	312	416	468	31.8%	25.8%	26.0%	28.3%	27.8%
Reporting source										
OOJ PROVIDERS	8	10	16	39	49	0.9%	1.1%	1.3%	2.6%	2.9%
CITY CLINIC	256	245	289	356	387	31.7%	27.3%	24.1%	24.2%	23.0%
SFHN CLINICS (SFDPH)	85	75	93	130	152	10.5%	8.3%	7.7%	8.8%	9.0%
JAIL HEALTH (SFDPH)	1	4	1	4	8	0.1%	0.4%	0.0%	0.2%	0.4%
SFDPH OUTREACH	15	11	12	9	1	1.8%	1.2%	1.0%	0.6%	0.0%
CC/CBO	10	24	62	71	70	1.2%	2.6%	5.1%	4.8%	4.1%
HOSPITALS	23	47	58	74	67	2.8%	5.2%	4.8%	5.0%	3.9%
RESEARCH	2	8	4	5	11	0.2%	0.8%	0.3%	0.3%	0.6%
STUDENT HEALTH	3	2	0	3	1	0.3%	0.2%	0	0.2%	0.0%
ONLINE	0	0	0	0	1	0	0	0	0	0.0%
PRIVATE - ADULT	16	15	30	64	100	1.9%	1.6%	2.5%	4.3%	5.9%
PRIVATE - FAMILY MEDICINE	0	1	0	0	0	0	0.1%	0	0	0
PRIVATE - MULTI-SPECIALTY	7	31	96	176	270	0.8%	3.4%	8.0%	11.9%	16.0%
PRIVATE - OB/GYN	0	0	0	0	2	0	0	0	0	0.1%
PRIVATE - URGENT CARE	0	0	0	9	8	0	0	0	0.6%	0.4%
MAGNET	370	413	507	478	502	45.9%	46.1%	42.2%	32.5%	29.8%
SFAF PROGRAMS (NOT MAGNET)	1	1	0	0	4	0.1%	0.1%	0	0	0.2%
SUBSTANCE USE TREATMENT	0	0	1	1	0	0	0	0.0%	0.0%	0
PRIVATE - OTHER	9	8	30	49	48	1.1%	0.8%	2.5%	3.3%	2.8%
(TOTAL)	806	895	1199	1468	1681	100%	100%	100%	100%	100%

II. City Clinic

The San Francisco City Clinic is the only municipal STD clinic in San Francisco, and provides confidential, state-of-the-art sexual health services to patients twelve years of age or older. The clinic is open five days a week for 36 hours (see City Clinic website www.sfcityclinic.org for exact hours). Visits are primarily drop-in.

The clinic houses a microbiology lab for STAT testing and offers evaluation, testing and on-site treatment for gonorrhea, syphilis, chlamydia, and all other STDs. In addition, the clinic offers STD patients confidential HIV testing, HIV primary care, Pre and Post-Exposure Prophylaxis (PEP and PrEP) for prevention of HIV acquisition, and family planning services for women, including pregnancy testing, Pap smears, contraception, and colposcopy.

Patient demographics

- A total of 9,189 patients were seen at City Clinic in 2017. The majority were male (78.8 percent), and slightly more than half of male patients identified as gay or bisexual (50.2 percent). Approximately 1.2 percent of patients were transgender.
- There were 17,107 patient-visits in 2017.
 - The 3 age groups that made up the most patients and visits were 25-29 (24%), 30-34, (18%) and 45-54 (14%) year-olds. In the past year and 5 years, visits have been decreasing in all age groups except among 55-64 year-olds, whose visits increased by 8.8 percent between 2016 and 2017 and 22.1 percent between 2013 and 2017.
 - An increasing proportion of visits are among non-white patients.
 - San Francisco residents made up 74.2 percent of visits. An increasing proportion of visits are among homeless patients and non-SF Bay Area residents.

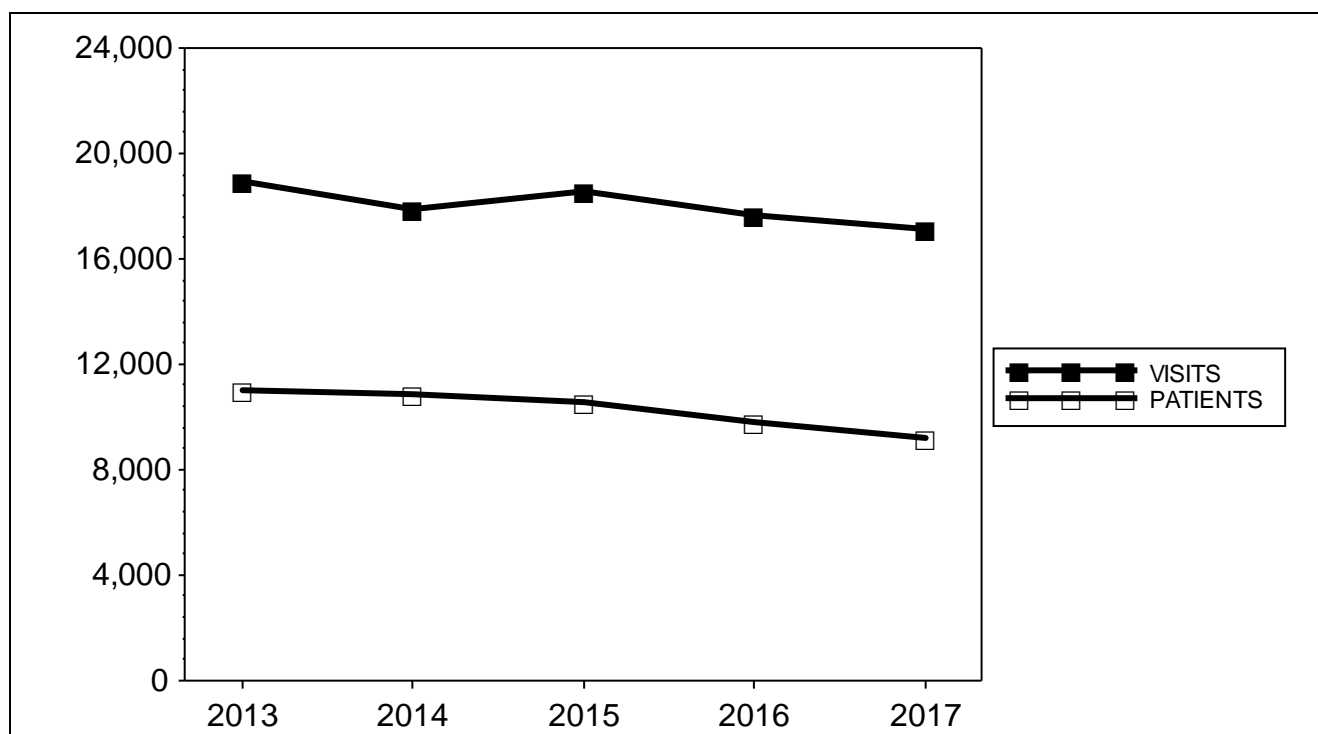


Figure 131. Patients and visits at City Clinic, 2013-2017.

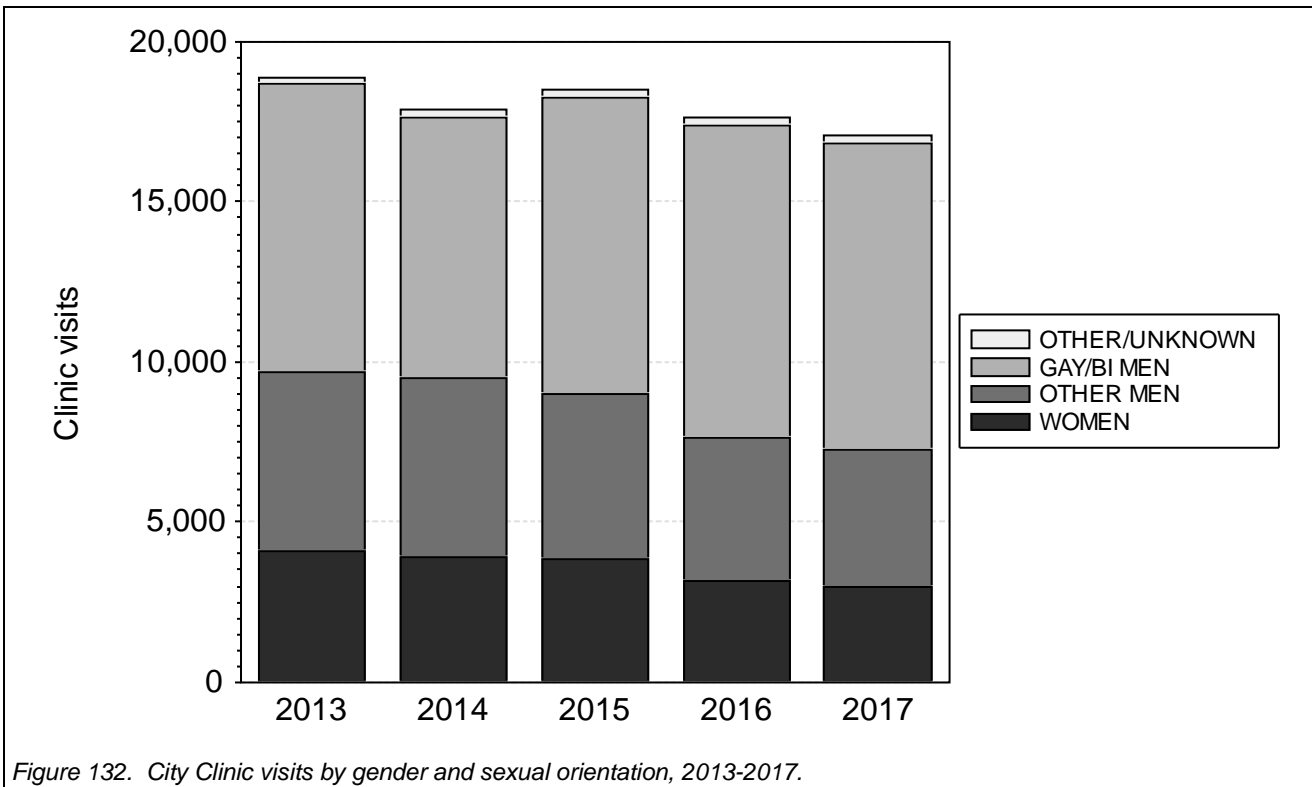


Figure 132. City Clinic visits by gender and sexual orientation, 2013-2017.

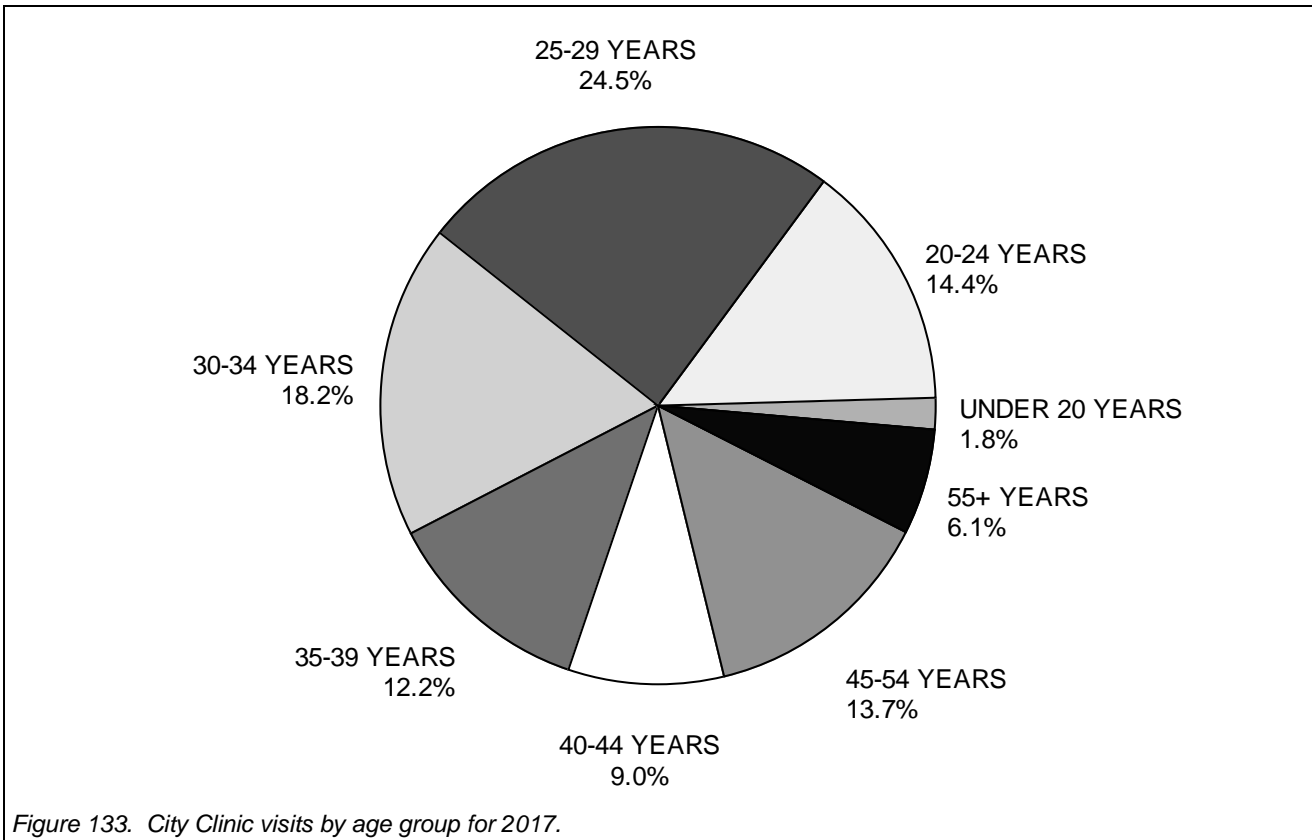


Figure 133. City Clinic visits by age group for 2017.

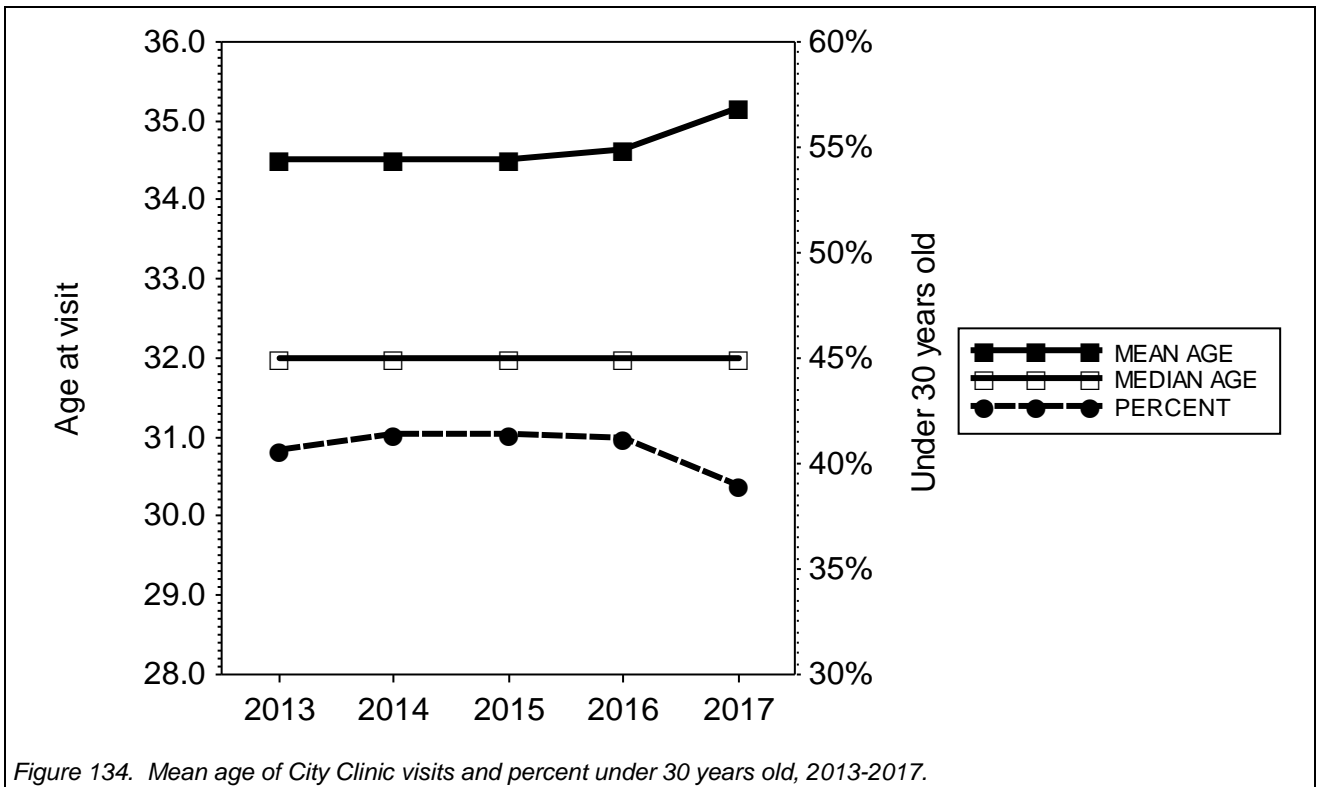


Figure 134. Mean age of City Clinic visits and percent under 30 years old, 2013-2017.

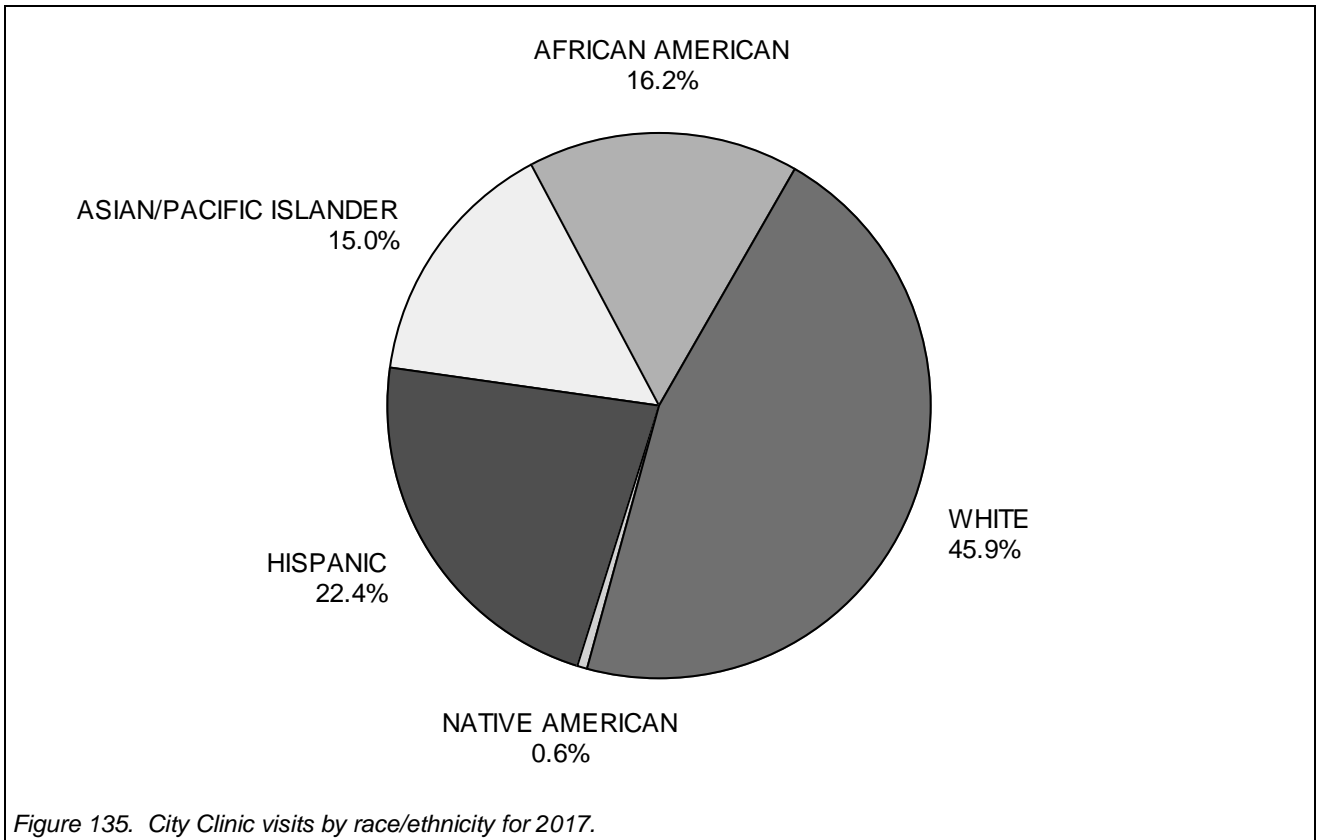


Figure 135. City Clinic visits by race/ethnicity for 2017.

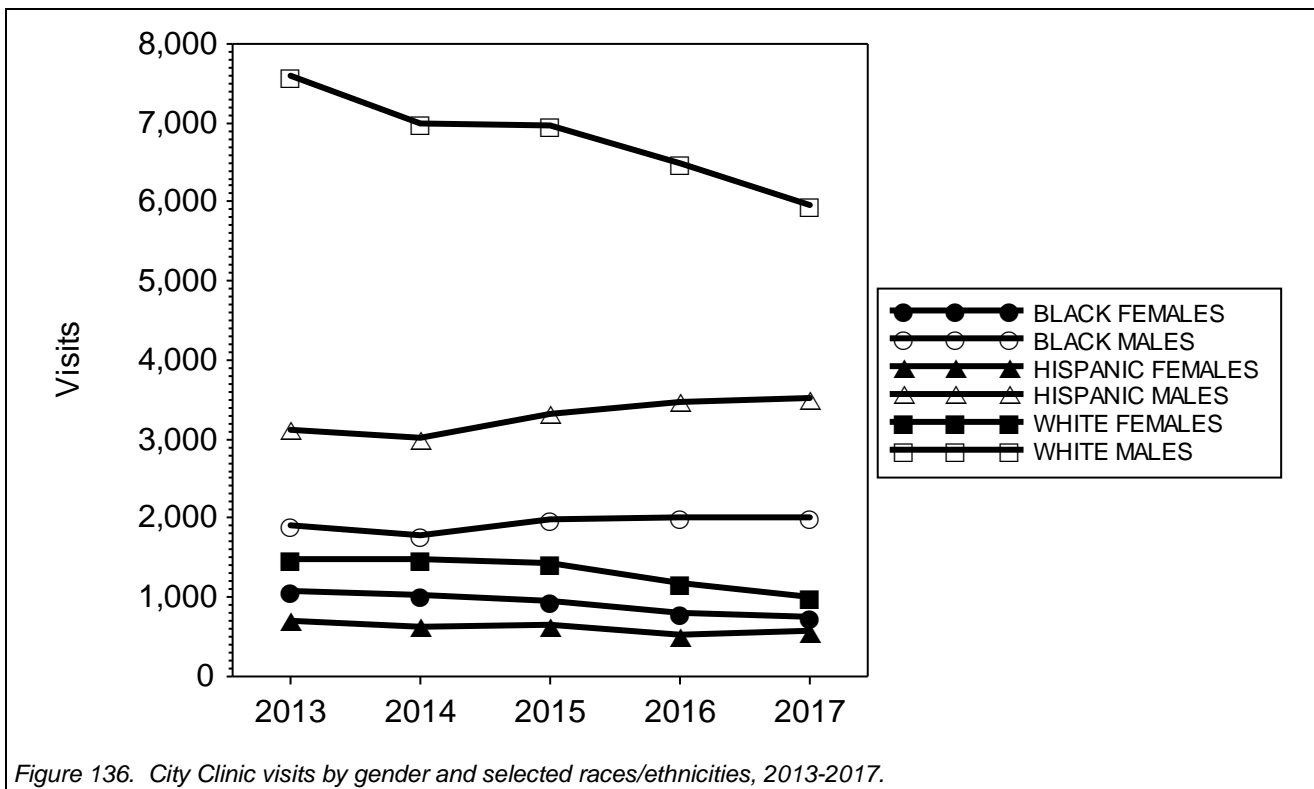


Figure 136. City Clinic visits by gender and selected races/ethnicities, 2013-2017.

Table 25. Demographics of patients. Note: denominators for percentages for gender and orientation exclude patient missing orientation.

	Patients					Percentage of patients				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender										
FEMALE	2,616	2,511	2,449	1,971	1,826	23.8%	23.0%	23.1%	20.1%	19.8%
TRANS FEMALE	60	62	75	71	83	0.5%	0.5%	0.7%	0.7%	0.9%
MALE	8,272	8,282	8,026	7,711	7,240	75.3%	76.0%	75.8%	78.7%	78.7%
TRANS MALE	20	25	20	20	25	0.1%	0.2%	0.1%	0.2%	0.2%
TRANSGENDER	4	3	6	8	12	0.0%	0.0%	0.0%	0.0%	0.1%
OTHER	0	0	1	1	0	0	0	0.0%	0.0%	0.0%
REFUSED	0	0	0	0	1	0	0	0	0	0.0%
UNKNOWN	8	2	4	5	1	0.0%	0.0%	0.0%	0.0%	0.0%
Gender Orientation										
FEMALE										
BISEXUAL	282	282	294	281	271	2.6%	2.6%	2.8%	2.9%	2.9%
LESBIAN	43	46	46	28	28	0.3%	0.4%	0.4%	0.2%	0.3%
STRAIGHT	2,207	2,131	2,064	1,626	1,494	20.3%	19.8%	19.7%	16.7%	16.4%
(REFUSED)	11	6	3	7	6					
(MISSING)	73	46	42	29	27					
TRANS FEMALE										
BISEXUAL	14	9	13	14	13	0.1%	0.0%	0.1%	0.1%	0.1%
GAY	17	20	23	23	15	0.1%	0.1%	0.2%	0.2%	0.1%
LESBIAN	2	3	4	5	8	0.0%	0.0%	0.0%	0.0%	0.0%
STRAIGHT	26	27	31	24	42	0.2%	0.2%	0.2%	0.2%	0.4%
(REFUSED)	0	1	2	5	3					
(MISSING)	1	2	2	0	2					
MALE										
BISEXUAL	688	720	733	712	744	6.3%	6.7%	7.0%	7.3%	8.2%
GAY	3,520	3,517	3,661	3,748	3,498	32.5%	32.7%	35.0%	38.7%	38.5%
STRAIGHT	4,003	3,947	3,561	3,194	2,922	36.9%	36.7%	34.0%	32.9%	32.2%
(REFUSED)	9	12	22	19	12					
(MISSING)	52	86	49	38	64					

		Patients					Percentage of patients				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
TRANS MALE	BISEXUAL	12	10	11	6	16	0.1%	0.0%	0.1%	0.0%	0.1%
	GAY	6	12	5	8	4	0.0%	0.1%	0.0%	0.0%	0.0%
	STRAIGHT	1	2	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
	(REFUSED)	0	1	1	2	2					
	(MISSING)	1	0	2	3	1					
TRANSGENDER	BISEXUAL	1	0	0	1	4	0.0%	0	0	0.0%	0.0%
	GAY	2	2	5	5	7	0.0%	0.0%	0.0%	0.0%	0.0%
	STRAIGHT	0	0	0	1	1	0	0	0	0.0%	0.0%
	(MISSING)	1	1	1	1	0					
OTHER	(REFUSED)	0	0	1	1	1					
REFUSED	(REFUSED)	0	0	0	0	1					
UNKNOWN	BISEXUAL	1	0	0	3	0	0.0%	0	0	0.0%	0
	GAY	2	2	1	1	0	0.0%	0.0%	0.0%	0.0%	0
	STRAIGHT	1	0	1	0	1	0.0%	0	0.0%	0	0.0%
	(MISSING)	4	0	2	1	0					
Ethnicity											
	ASIAN/PACIFIC ISLANDER	1,491	1,582	1,562	1,511	1,510	13.5%	14.5%	14.7%	15.4%	16.4%
	BLACK/AFRICAN AMERICAN	1,821	1,665	1,616	1,547	1,497	16.5%	15.2%	15.2%	15.8%	16.2%
	HISPANIC	2,066	1,999	2,067	2,005	1,956	18.8%	18.3%	19.5%	20.4%	21.2%
	NATIVE AMERICAN	54	52	57	51	53	0.4%	0.4%	0.5%	0.5%	0.5%
	UNK/OTHER	163	142	138	136	177	1.4%	1.3%	1.3%	1.3%	1.9%
	WHITE	5,385	5,445	5,141	4,537	3,996	49.0%	50.0%	48.5%	46.3%	43.4%
Age group											
	(MISSING AGE)	5	3	1	3	1	0.0%	0.0%	0.0%	0.0%	0.0%
	UNDER 20 YEARS	274	235	196	204	191	2.4%	2.1%	1.8%	2.0%	2.0%
	20-24 YEARS	1,736	1,699	1,631	1,417	1,190	15.8%	15.6%	15.4%	14.4%	12.9%
	25-29 YEARS	2,646	2,708	2,566	2,454	2,218	24.0%	24.8%	24.2%	25.0%	24.1%
	30-34 YEARS	1,883	1,903	1,874	1,726	1,680	17.1%	17.4%	17.7%	17.6%	18.2%
	35-39 YEARS	1,299	1,260	1,276	1,167	1,166	11.8%	11.5%	12.0%	11.9%	12.6%
	40-44 YEARS	1,064	1,025	885	849	813	9.6%	9.4%	8.3%	8.6%	8.8%
	45-54 YEARS	1,462	1,430	1,505	1,300	1,253	13.3%	13.1%	14.2%	13.2%	13.6%
	55+ YEARS	611	622	647	667	677	5.5%	5.7%	6.1%	6.8%	7.3%
	(TOTAL)	10,980	10,885	10,581	9,787	9,189	100%	100%	100%	100%	100%

Table 26. Demographics of clinic visits. Note: denominators for percentages for gender and orientation exclude patient missing orientation.

	Visits					Percentage of visits				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender										
FEMALE	4,061	3,911	3,848	3,152	2,974	21.4%	21.8%	20.7%	17.8%	17.3%
TRANS FEMALE	130	151	194	196	187	0.6%	0.8%	1.0%	1.1%	1.0%
MALE	14,638	13,752	14,439	14,256	13,870	77.4%	76.9%	77.9%	80.7%	81.0%
TRANS MALE	32	55	30	34	40	0.1%	0.3%	0.1%	0.1%	0.2%
TRANSGENDER	26	3	8	15	30	0.1%	0.0%	0.0%	0.0%	0.1%
OTHER	0	0	1	3	2	0	0	0.0%	0.0%	0.0%
REFUSED	0	0	0	0	3	0	0	0	0	0.0%
UNKNOWN	15	3	4	6	1	0.0%	0.0%	0.0%	0.0%	0.0%
FEMALE										
BISEXUAL	443	414	445	441	434	2.3%	2.3%	2.4%	2.5%	2.5%
LESBIAN	48	51	57	37	38	0.2%	0.2%	0.3%	0.2%	0.2%
STRAIGHT	3,472	3,383	3,289	2,628	2,449	18.5%	19.1%	17.9%	15.0%	14.4%
(REFUSED)	15	8	5	10	22					
(MISSING)	83	55	52	36	31					
TRANS FEMALE										
BISEXUAL	26	14	19	22	24	0.1%	0.0%	0.1%	0.1%	0.1%
GAY	35	40	66	58	32	0.1%	0.2%	0.3%	0.3%	0.1%
LESBIAN	4	6	11	11	11	0.0%	0.0%	0.0%	0.0%	0.0%
STRAIGHT	64	86	89	88	106	0.3%	0.4%	0.4%	0.5%	0.6%
(REFUSED)	0	1	7	17	11					
(MISSING)	1	4	2	0	3					
MALE										
BISEXUAL	1,194	1,219	1,451	1,487	1,603	6.3%	6.9%	7.9%	8.5%	9.4%
GAY	7,801	6,969	7,855	8,292	7,968	41.6%	39.4%	42.8%	47.4%	47.1%
STRAIGHT	5,567	5,416	5,002	4,369	4,173	29.7%	30.6%	27.3%	24.9%	24.6%
(REFUSED)	17	15	58	52	38					
(MISSING)	59	133	73	56	88					
TRANS MALE										
BISEXUAL	19	23	17	9	25	0.1%	0.1%	0.0%	0.0%	0.1%
GAY	7	24	9	18	7	0.0%	0.1%	0.0%	0.1%	0.0%
STRAIGHT	5	2	1	1	3	0.0%	0.0%	0.0%	0.0%	0.0%
(REFUSED)	0	6	1	3	4					
(MISSING)	1	0	2	3	1					
TRANSGENDER										
BISEXUAL	2	0	0	1	9	0.0%	0	0	0.0%	0.0%
GAY	23	2	6	9	20	0.1%	0.0%	0.0%	0.0%	0.1%
STRAIGHT	0	0	0	1	1	0	0	0	0.0%	0.0%
(MISSING)	1	1	2	4	0					
OTHER										
(REFUSED)	0	0	1	3	2					
REFUSED										
(REFUSED)	0	0	0	0	3					
UNKNOWN										
BISEXUAL	1	0	0	4	0	0.0%	0	0	0.0%	0
GAY	9	3	1	1	0	0.0%	0.0%	0.0%	0.0%	0
STRAIGHT	1	0	1	0	1	0.0%	0	0.0%	0	0.0%
(MISSING)	4	0	2	1	0					
Ethnicity										
ASIAN/PACIFIC ISLANDER	2,552	2,508	2,787	2,692	2,748	13.5%	14.0%	15.0%	15.2%	16.0%
BLACK/AFRICAN AMERICAN	2,990	2,832	2,962	2,811	2,789	15.8%	15.8%	15.9%	15.9%	16.3%
HISPANIC	3,880	3,697	4,046	4,089	4,159	20.5%	20.6%	21.8%	23.1%	24.3%
NATIVE AMERICAN	97	96	86	109	102	0.5%	0.5%	0.4%	0.6%	0.5%
UNK/OTHER	233	220	223	233	297	1.2%	1.2%	1.2%	1.3%	1.7%
WHITE	9,150	8,522	8,420	7,728	7,012	48.4%	47.6%	45.4%	43.7%	40.9%
Age group										
(MISSING AGE)	5	3	1	3	1	0.0%	0.0%	0.0%	0.0%	0.0%
UNDER 20 YEARS	390	333	295	337	307	2.0%	1.8%	1.5%	1.9%	1.7%
20-24 YEARS	2,853	2,680	2,818	2,469	2,121	15.0%	14.9%	15.2%	13.9%	12.3%
25-29 YEARS	4,438	4,392	4,556	4,470	4,229	23.4%	24.5%	24.5%	25.3%	24.7%
30-34 YEARS	3,363	3,203	3,416	3,231	3,209	17.7%	17.9%	18.4%	18.2%	18.7%
35-39 YEARS	2,282	2,086	2,242	2,207	2,153	12.0%	11.6%	12.1%	12.4%	12.5%
40-44 YEARS	1,949	1,683	1,519	1,512	1,484	10.3%	9.4%	8.2%	8.5%	8.6%
45-54 YEARS	2,598	2,484	2,610	2,284	2,353	13.7%	13.8%	14.0%	12.9%	13.7%

	Visits					Percentage of visits				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
55+ YEARS	1,024	1,011	1,067	1,149	1,250	5.4%	5.6%	5.7%	6.5%	7.3%
(TOTAL)	18,902	17,875	18,524	17,662	17,107	100%	100%	100%	100%	100%

Table 27. Clinic services, 2013-2017.

	2013	2014	2015	2016	2017
PrEP initiated	0	62	287	516	692
PEP provided	475	599	509	459	320
Plan B provided	263	279	314	258	180
Depo-provera shots	248	225	221	206	194
Pregnancy tests	1,186	1,069	965	841	759
tests					
positive	91	78	78	64	51
percent	7.7%	7.3%	8.1%	7.6%	6.7%
Hep C tests	0	0	444	959	1,106
tests					
positive	0	0	19	15	19
percent	0	0	4.3%	1.6%	1.7%

Table 28. Clinic visits by city of residence. Cities with more than 100 visits listed first by frequency of visits; other cities listed alphabetically below. Cities with fewer than two visits in 2017 are included in "other." "Homeless" visits only include patients who do not live primarily in one city.

	Visits					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
SAN FRANCISCO, CA	14,712	13,770	14,356	13,360	12,910	77.1%	76.1%	76.2%	74.6%	74.2%
OAKLAND, CA	792	782	840	814	815	4.1%	4.3%	4.4%	4.5%	4.6%
DALY CITY, CA	383	310	326	391	402	2.0%	1.7%	1.7%	2.1%	2.3%
SAN JOSE, CA	206	166	147	159	155	1.0%	0.9%	0.7%	0.8%	0.8%
EMERYVILLE, CA	134	121	121	149	133	0.7%	0.6%	0.6%	0.8%	0.7%
BERKELEY, CA	206	183	176	148	110	1.0%	1.0%	0.9%	0.8%	0.6%
RICHMOND, CA	104	73	91	100	110	0.5%	0.4%	0.4%	0.5%	0.6%
SOUTH SAN FRANCISCO, CA	117	161	154	119	105	0.6%	0.8%	0.8%	0.6%	0.6%
HAYWARD, CA	84	83	83	117	98	0.4%	0.4%	0.4%	0.6%	0.5%
ALAMEDA, CA	69	67	67	70	49	0.3%	0.3%	0.3%	0.3%	0.2%
ALBANY, CA	15	8	13	20	9	0.0%	0.0%	0.0%	0.1%	0.0%
ALBUQUERQUE, NM	0	0	1	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
ANTIOCH, CA	32	28	35	32	24	0.1%	0.1%	0.1%	0.1%	0.1%
ARDMORE, PA	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
ATLANTA, GA	2	3	3	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
AUSTIN, TX	3	2	5	6	7	0.0%	0.0%	0.0%	0.0%	0.0%
BARBERTON, OH	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
BELMONT, CA	10	6	5	22	9	0.0%	0.0%	0.0%	0.1%	0.0%
BELVEDERE TIBURON, CA	4	1	6	10	2	0.0%	0.0%	0.0%	0.0%	0.0%
BENICIA, CA	7	2	2	3	11	0.0%	0.0%	0.0%	0.0%	0.0%
BRENTWOOD, CA	6	2	2	3	8	0.0%	0.0%	0.0%	0.0%	0.0%
BRISBANE, CA	10	28	26	14	13	0.0%	0.1%	0.1%	0.0%	0.0%
BROOKLYN, NY	10	12	8	8	10	0.0%	0.0%	0.0%	0.0%	0.0%
BURLINGAME, CA	22	30	27	51	22	0.1%	0.1%	0.1%	0.2%	0.1%
CANAL WINCHESTER, OH	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
CANTON, MI	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
CASTRO VALLEY, CA	24	25	16	21	38	0.1%	0.1%	0.0%	0.1%	0.2%
CATHEDRAL CITY, CA	1	0	2	1	8	0.0%	0.0%	0.0%	0.0%	0.0%
CAZADERO, CA	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
CHARLOTTE, NC	1	0	0	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
CERRY HILL, NJ	0	1	0	3	2	0.0%	0.0%	0.0%	0.0%	0.0%
CHICAGO, IL	6	7	5	11	3	0.0%	0.0%	0.0%	0.0%	0.0%
CHICO, CA	2	3	10	7	3	0.0%	0.0%	0.0%	0.0%	0.0%
CHINO, CA	0	0	0	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
CINCINNATI, OH	0	0	0	0	3	0.0%	0.0%	0.0%	0.0%	0.0%
CLAYTON, CA	1	1	1	1	7	0.0%	0.0%	0.0%	0.0%	0.0%
CLOVIS, CA	0	0	0	0	8	0.0%	0.0%	0.0%	0.0%	0.0%
CONCORD, CA	46	50	49	64	55	0.2%	0.2%	0.2%	0.3%	0.3%
CORTE MADERA, CA	3	5	1	5	4	0.0%	0.0%	0.0%	0.0%	0.0%
COSTA MESA, CA	2	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
CROCKETT, CA	1	4	0	1	3	0.0%	0.0%	0.0%	0.0%	0.0%
CUPERTINO, CA	11	5	11	7	8	0.0%	0.0%	0.0%	0.0%	0.0%
DANVILLE, CA	9	7	3	3	10	0.0%	0.0%	0.0%	0.0%	0.0%
DAVIS, CA	10	4	1	3	5	0.0%	0.0%	0.0%	0.0%	0.0%
DENVER, CO	0	1	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
DISCOVERY BAY, CA	1	0	0	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
DUBLIN, CA	11	6	2	11	19	0.0%	0.0%	0.0%	0.0%	0.1%
EL CERRITO, CA	29	23	19	14	15	0.1%	0.1%	0.1%	0.0%	0.0%
EL SOBRANTE, CA	6	10	11	25	22	0.0%	0.0%	0.0%	0.1%	0.1%
ELVERTA, CA	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
FAIRFAX, CA	4	4	5	2	3	0.0%	0.0%	0.0%	0.0%	0.0%
FAIRFIELD, CA	12	7	10	22	26	0.0%	0.0%	0.0%	0.1%	0.1%
FARMINGTON, UT	0	0	0	0	3	0.0%	0.0%	0.0%	0.0%	0.0%
FREMONT, CA	29	32	32	39	33	0.1%	0.1%	0.1%	0.2%	0.1%
FRESNO, CA	5	1	17	8	15	0.0%	0.0%	0.0%	0.0%	0.0%

	Visits					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FULLERTON, CA	0	0	0	4	3	0.0%	0.0%	0.0%	0.0%	0.0%
GRASS VALLEY, CA	10	9	2	1	6	0.0%	0.0%	0.0%	0.0%	0.0%
GREENBRAE, CA	7	10	4	1	7	0.0%	0.0%	0.0%	0.0%	0.0%
GUERNEVILLE, CA	2	0	1	1	4	0.0%	0.0%	0.0%	0.0%	0.0%
HALF MOON BAY, CA	3	9	3	5	8	0.0%	0.0%	0.0%	0.0%	0.0%
HANOVER, NH	0	0	1	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
HERCULES, CA	7	10	15	17	8	0.0%	0.0%	0.0%	0.0%	0.0%
HOUSTON, TX	3	2	3	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
INDEPENDENCE, OR	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
INDIANAPOLIS, IN	0	1	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
IRVINE, CA	1	0	1	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
JAMAICA, NY	0	0	1	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
JERSEY CITY, NJ	0	1	0	1	3	0.0%	0.0%	0.0%	0.0%	0.0%
LAS VEGAS, NV	2	4	4	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
LIVERMORE, CA	21	11	24	14	14	0.1%	0.0%	0.1%	0.0%	0.0%
LOS ALTOS HILLS, CA	0	0	0	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
LOS ALTOS, CA	2	3	5	20	14	0.0%	0.0%	0.0%	0.1%	0.0%
LOS ANGELES, CA	16	22	20	19	27	0.0%	0.1%	0.1%	0.1%	0.1%
LOS BANOS, CA	0	0	0	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
LOS GATOS, CA	2	5	4	7	4	0.0%	0.0%	0.0%	0.0%	0.0%
MANTECA, CA	0	1	5	6	2	0.0%	0.0%	0.0%	0.0%	0.0%
MARTINEZ, CA	16	9	8	14	10	0.0%	0.0%	0.0%	0.0%	0.0%
MENLO PARK, CA	11	7	11	15	6	0.0%	0.0%	0.0%	0.0%	0.0%
MIAMI, FL	4	5	4	4	3	0.0%	0.0%	0.0%	0.0%	0.0%
MILL VALLEY, CA	16	17	13	20	17	0.0%	0.0%	0.0%	0.1%	0.0%
MILLBRAE, CA	43	18	20	35	25	0.2%	0.0%	0.1%	0.1%	0.1%
MILPITAS, CA	11	9	16	19	6	0.0%	0.0%	0.0%	0.1%	0.0%
MINNEAPOLIS, MN	2	3	2	6	8	0.0%	0.0%	0.0%	0.0%	0.0%
MODESTO, CA	3	11	2	12	4	0.0%	0.0%	0.0%	0.0%	0.0%
MONTARA, CA	1	0	0	2	2	0.0%	0.0%	0.0%	0.0%	0.0%
MORGAN HILL, CA	4	0	1	5	2	0.0%	0.0%	0.0%	0.0%	0.0%
MOUNTAIN VIEW, CA	25	27	37	30	30	0.1%	0.1%	0.1%	0.1%	0.1%
MURPHYS, CA	0	0	0	0	3	0.0%	0.0%	0.0%	0.0%	0.0%
NAPA, CA	2	3	4	14	8	0.0%	0.0%	0.0%	0.0%	0.0%
NEW YORK, NY	20	14	32	16	8	0.1%	0.0%	0.1%	0.0%	0.0%
NEWARK, CA	5	12	4	11	4	0.0%	0.0%	0.0%	0.0%	0.0%
NORTH HOLLYWOOD, CA	0	0	2	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
NORWICH, CT	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
NOVATO, CA	12	12	11	3	23	0.0%	0.0%	0.0%	0.0%	0.1%
OAKLEY, CA	2	5	0	4	2	0.0%	0.0%	0.0%	0.0%	0.0%
ORINDA, CA	2	5	6	6	4	0.0%	0.0%	0.0%	0.0%	0.0%
PACIFIC GROVE, CA	0	0	0	0	5	0.0%	0.0%	0.0%	0.0%	0.0%
PACIFICA, CA	51	51	68	51	71	0.2%	0.2%	0.3%	0.2%	0.4%
PALO ALTO, CA	35	55	18	18	36	0.1%	0.3%	0.0%	0.1%	0.2%
PETALUMA, CA	9	14	10	14	7	0.0%	0.0%	0.0%	0.0%	0.0%
PHILADELPHIA, PA	3	2	3	2	3	0.0%	0.0%	0.0%	0.0%	0.0%
PHOENIX, AZ	0	2	0	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
PIERSON, FL	0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.0%
PINOLE, CA	4	2	6	8	8	0.0%	0.0%	0.0%	0.0%	0.0%
PITTSBURG, CA	36	36	39	43	37	0.1%	0.1%	0.2%	0.2%	0.2%
PLEASANT HILL, CA	11	17	6	12	15	0.0%	0.0%	0.0%	0.0%	0.0%
PLEASANTON, CA	4	5	10	10	9	0.0%	0.0%	0.0%	0.0%	0.0%
PORTLAND, OR	6	5	6	6	6	0.0%	0.0%	0.0%	0.0%	0.0%
PUEBLO, CO	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
RANCHO CORDOVA, CA	0	0	0	1	3	0.0%	0.0%	0.0%	0.0%	0.0%
RANCHO CUCAMONGA, CA	0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.0%
READING, PA	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
REDDING, CA	0	3	2	0	5	0.0%	0.0%	0.0%	0.0%	0.0%
REDWOOD CITY, CA	61	68	55	64	67	0.3%	0.3%	0.2%	0.3%	0.3%

San Francisco Department of Public Health

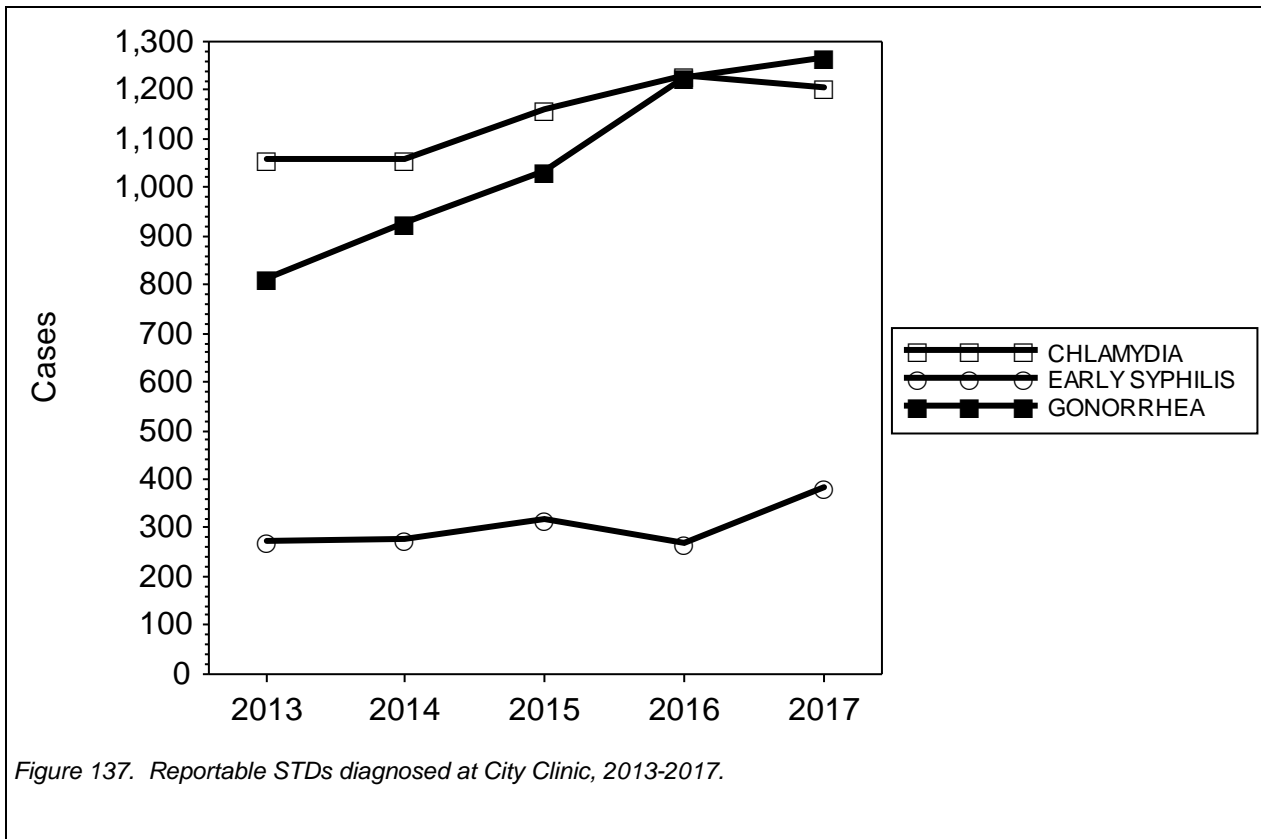
	Visits					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
RESEDA, CA	1	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
RIPON, CA	0	0	0	0	5	0.0%	0.0%	0.0%	0.0%	0.0%
RODEO, CA	8	3	0	4	4	0.0%	0.0%	0.0%	0.0%	0.0%
ROHNERT PARK, CA	3	2	1	3	2	0.0%	0.0%	0.0%	0.0%	0.0%
SACRAMENTO, CA	21	27	32	24	20	0.1%	0.1%	0.1%	0.1%	0.1%
SALIDA, CA	3	2	3	0	7	0.0%	0.0%	0.0%	0.0%	0.0%
SALINAS, CA	4	0	3	2	6	0.0%	0.0%	0.0%	0.0%	0.0%
SAN ANSELMO, CA	4	8	5	7	9	0.0%	0.0%	0.0%	0.0%	0.0%
SAN BRUNO, CA	97	94	99	95	109	0.5%	0.5%	0.5%	0.5%	0.6%
SAN CARLOS, CA	20	12	9	15	9	0.1%	0.0%	0.0%	0.0%	0.0%
SAN DIEGO, CA	9	6	8	6	2	0.0%	0.0%	0.0%	0.0%	0.0%
SAN LEANDRO, CA	83	64	75	78	56	0.4%	0.3%	0.3%	0.4%	0.3%
SAN LORENZO, CA	19	24	17	31	24	0.0%	0.1%	0.0%	0.1%	0.1%
SAN LUIS OBISPO, CA	0	3	0	0	5	0.0%	0.0%	0.0%	0.0%	0.0%
SAN MATEO, CA	72	69	64	64	75	0.3%	0.3%	0.3%	0.3%	0.4%
SAN PABLO, CA	43	39	46	16	38	0.2%	0.2%	0.2%	0.0%	0.2%
SAN RAFAEL, CA	31	53	35	43	21	0.1%	0.2%	0.1%	0.2%	0.1%
SAN RAMON, CA	16	9	8	12	8	0.0%	0.0%	0.0%	0.0%	0.0%
SANTA CLARA, CA	18	21	16	28	15	0.0%	0.1%	0.0%	0.1%	0.0%
SANTA CRUZ, CA	7	6	9	14	5	0.0%	0.0%	0.0%	0.0%	0.0%
SANTA ROSA, CA	28	37	32	16	10	0.1%	0.2%	0.1%	0.0%	0.0%
SARATOGA, CA	0	1	2	0	6	0.0%	0.0%	0.0%	0.0%	0.0%
SAUSALITO, CA	14	23	30	24	11	0.0%	0.1%	0.1%	0.1%	0.0%
SAVANNAH, GA	0	1	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
SCOTTS VALLEY, CA	0	0	0	4	2	0.0%	0.0%	0.0%	0.0%	0.0%
SCOTTSDALE, AZ	0	0	0	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
SEBASTOPOL, CA	9	6	4	6	2	0.0%	0.0%	0.0%	0.0%	0.0%
SOLEDAD, CA	1	3	9	8	3	0.0%	0.0%	0.0%	0.0%	0.0%
SOQUEL, CA	0	2	2	2	3	0.0%	0.0%	0.0%	0.0%	0.0%
ST CHARLES, IL	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
ST HELENA, CA	0	2	1	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
STAYTON, OR	0	0	0	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
STEWARTS POINT, CA	0	1	1	1	5	0.0%	0.0%	0.0%	0.0%	0.0%
STOCKTON, CA	10	15	13	15	27	0.0%	0.0%	0.0%	0.0%	0.1%
SUISUN CITY, CA	3	1	2	4	10	0.0%	0.0%	0.0%	0.0%	0.0%
SUNNYVALE, CA	15	16	18	15	18	0.0%	0.0%	0.0%	0.0%	0.1%
TRACY, CA	6	6	2	5	10	0.0%	0.0%	0.0%	0.0%	0.0%
UNION CITY, CA	13	11	8	4	19	0.0%	0.0%	0.0%	0.0%	0.1%
VACAVILLE, CA	5	4	5	1	2	0.0%	0.0%	0.0%	0.0%	0.0%
VALLEJO, CA	46	44	39	36	40	0.2%	0.2%	0.2%	0.2%	0.2%
VISALIA, CA	0	0	0	2	3	0.0%	0.0%	0.0%	0.0%	0.0%
WALNUT CREEK, CA	35	41	25	26	34	0.1%	0.2%	0.1%	0.1%	0.1%
WATSONVILLE, CA	5	3	4	7	2	0.0%	0.0%	0.0%	0.0%	0.0%
WEST HOLLYWOOD, CA	4	1	3	4	2	0.0%	0.0%	0.0%	0.0%	0.0%
YUBA CITY, CA	0	2	3	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
(HOMELESS)	179	217	296	234	279	0.9%	1.1%	1.5%	1.3%	1.6%
(MISSING)	370	377	401	397	434	1.9%	2.0%	2.1%	2.2%	2.4%
(NOT SAN FRANCISCO)	0	5	2	4	2	0.0%	0.0%	0.0%	0.0%	0.0%
(OTHER)	262	292	308	235	134	1.3%	1.6%	1.6%	1.3%	0.7%

Table 29. Clinic visits by neighborhood of residence for San Francisco residents.

	Visits					Percent				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Alemany	558	533	541	526	595	3.7%	3.8%	3.7%	3.9%	4.6%
Bayview	139	145	133	147	155	0.9%	1.0%	0.9%	1.1%	1.2%
Bernal Heights	459	407	395	339	301	3.1%	2.9%	2.7%	2.5%	2.3%
CIVIC Center/TL	1,568	1,614	1,678	1,641	1,660	10.6%	11.7%	11.6%	12.2%	12.8%
Castro/E Twin Peaks	614	544	568	499	511	4.1%	3.9%	3.9%	3.7%	3.9%
Cathedral Hill	202	160	174	141	170	1.3%	1.1%	1.2%	1.0%	1.3%
Chinatown	172	169	164	167	159	1.1%	1.2%	1.1%	1.2%	1.2%
Diamond Heights	159	106	102	113	126	1.0%	0.7%	0.7%	0.8%	0.9%
Duboce/UpperMarket	483	338	335	339	274	3.2%	2.4%	2.3%	2.5%	2.1%
Glen Park	245	193	223	190	209	1.6%	1.4%	1.5%	1.4%	1.6%
Golden Gate Park	5	0	3	1	1	0.0%	0.0%	0.0%	0.0%	0.0%
Guerrero	239	217	225	206	170	1.6%	1.5%	1.5%	1.5%	1.3%
Haight	236	214	252	187	174	1.6%	1.5%	1.7%	1.3%	1.3%
Hayes Valley/NoPa	1,030	970	930	952	775	7.0%	7.0%	6.4%	7.1%	6.0%
Inner Sunset	372	372	340	336	312	2.5%	2.7%	2.3%	2.5%	2.4%
Lake Merced	20	16	21	18	15	0.1%	0.1%	0.1%	0.1%	0.1%
Lincoln Park	0	0	1	0	2	0.0%	0.0%	0.0%	0.0%	0.0%
Lower Nob Hill	373	362	333	289	317	2.5%	2.6%	2.3%	2.1%	2.4%
Marina	181	211	251	194	196	1.2%	1.5%	1.7%	1.4%	1.5%
Mission	931	831	822	734	667	6.3%	6.0%	5.7%	5.4%	5.1%
Mission Dolores	580	519	595	549	498	3.9%	3.7%	4.1%	4.1%	3.8%
Mt. Davidson	90	87	79	80	71	0.6%	0.6%	0.5%	0.5%	0.5%
NE Waterfront	117	151	161	140	127	0.7%	1.0%	1.1%	1.0%	0.9%
Nob Hill	158	156	144	109	137	1.0%	1.1%	1.0%	0.8%	1.0%
Noe Valley	195	152	100	124	119	1.3%	1.1%	0.6%	0.9%	0.9%
OMI	390	367	391	363	338	2.6%	2.6%	2.7%	2.7%	2.6%
Park Merced	144	134	139	154	130	0.9%	0.9%	0.9%	1.1%	1.0%
Portola	127	96	99	98	127	0.8%	0.6%	0.6%	0.7%	0.9%
Potrero Hill	195	161	223	181	151	1.3%	1.1%	1.5%	1.3%	1.1%
Presidio	30	24	23	23	26	0.2%	0.1%	0.1%	0.1%	0.2%
Presidio/Pacific Heights	32	44	51	44	29	0.2%	0.3%	0.3%	0.3%	0.2%
Richmond	562	500	565	526	543	3.8%	3.6%	3.9%	3.9%	4.2%
SOMA	888	889	906	898	744	6.0%	6.4%	6.3%	6.7%	5.7%
Seacliff	0	4	8	10	3	0.0%	0.0%	0.0%	0.0%	0.0%
South Beach/Mission Bay	569	515	575	586	663	3.8%	3.7%	4.0%	4.3%	5.1%
Sunnydale	157	155	203	187	157	1.0%	1.1%	1.4%	1.3%	1.2%
Sunset	531	562	619	513	477	3.6%	4.0%	4.3%	3.8%	3.6%
TI	82	91	105	87	121	0.5%	0.6%	0.7%	0.6%	0.9%
USF/Laurel Heights	239	213	222	196	192	1.6%	1.5%	1.5%	1.4%	1.4%
Visitation Valley	222	200	246	208	230	1.5%	1.4%	1.7%	1.5%	1.7%
West Hunter's Point	640	552	570	527	499	4.3%	4.0%	3.9%	3.9%	3.8%
West Potrero	91	76	95	71	68	0.6%	0.5%	0.6%	0.5%	0.5%
West Twin Peaks	158	164	161	144	144	1.0%	1.1%	1.1%	1.0%	1.1%
Western Addition	330	314	269	288	292	2.2%	2.2%	1.8%	2.1%	2.2%
(TOTAL)	14,712	13,770	14,356	13,360	12,910	100%	100%	100%	100%	100%

STDs at City Clinic

- Trends in cases from City Clinic reflected the citywide increases in gonorrhea and early syphilis, but fewer chlamydia cases were diagnosed in 2017 than in 2016 (whereas citywide cases/rates increased).
- Chlamydia prevalence remained relatively stable (8.7 percent in 2016, 8.8 percent in 2017), with an increase among females (from 4.5 percent to 4.8 percent) but not males (9.7 percent).
- The prevalence between 2016 and 2017 increased for gonorrhea from 8.7 to 9.2 percent, reflecting increases among males (from 10.3 percent to 10.7 percent) and females (from 1.9 percent to 2.5 percent).
- Prevalence of STDs among gay and bisexual male patients was higher than among other men, women, and other patients.
 - Among gay and bisexual male patients, chlamydia diagnoses were made in 11.6 percent of visits, gonorrhea diagnoses in 14.2 percent of visits, or syphilis diagnoses in 5.2 percent of visits.



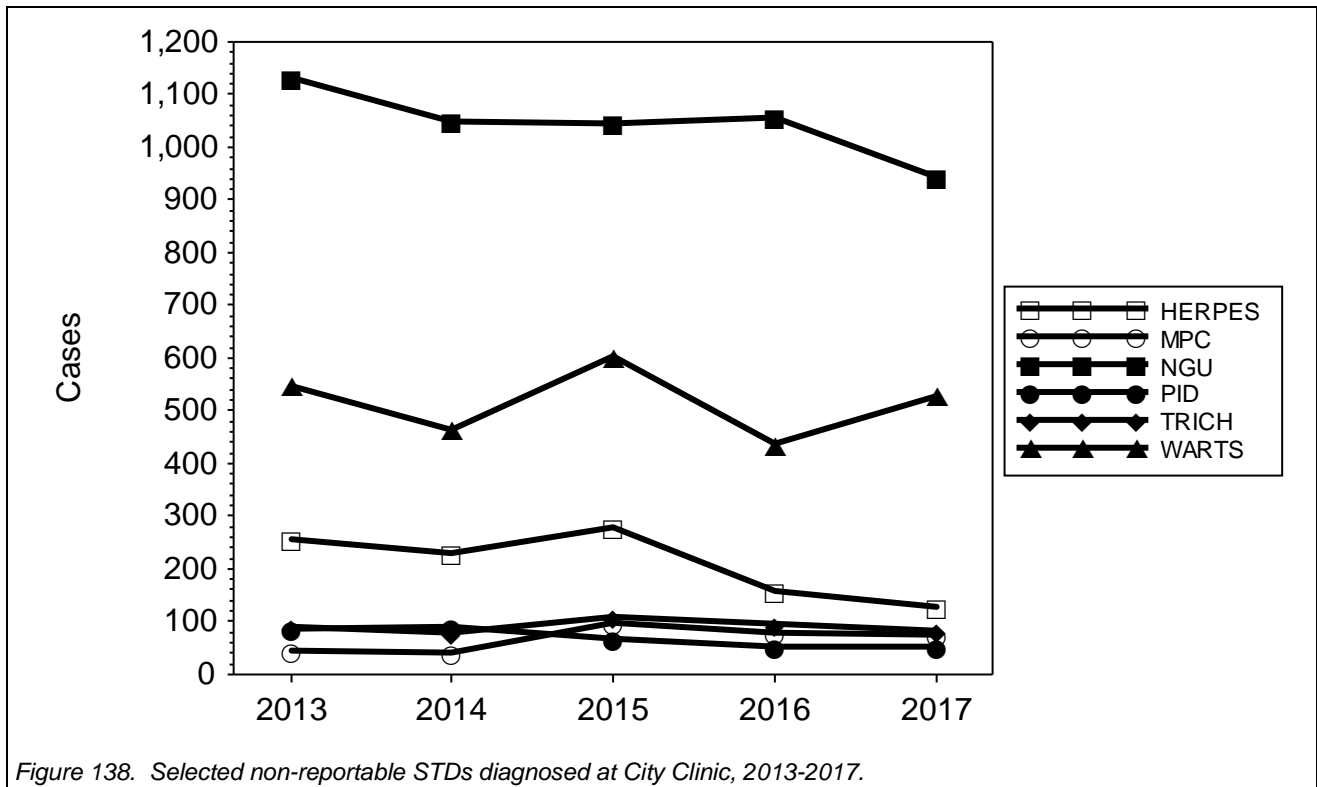


Figure 138. Selected non-reportable STDs diagnosed at City Clinic, 2013-2017.

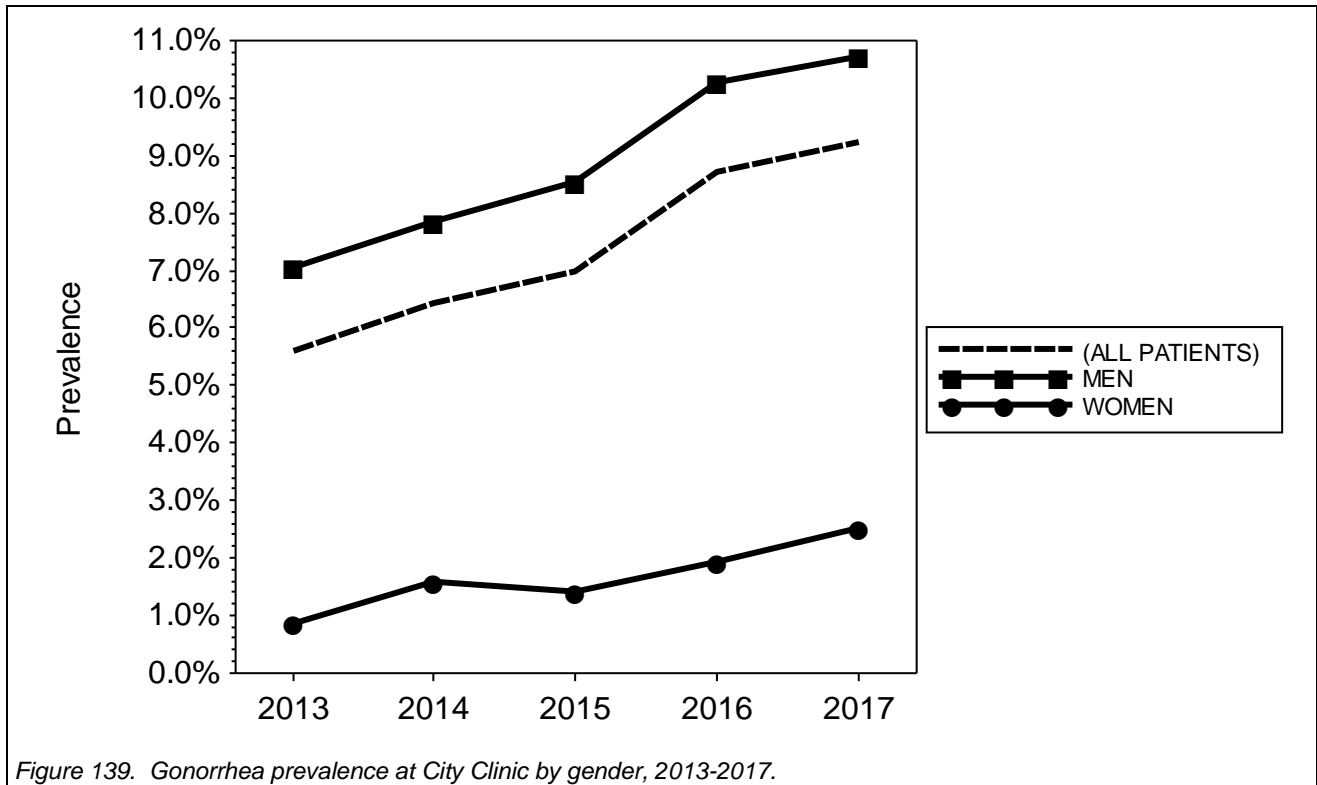


Figure 139. Gonorrhea prevalence at City Clinic by gender, 2013-2017.

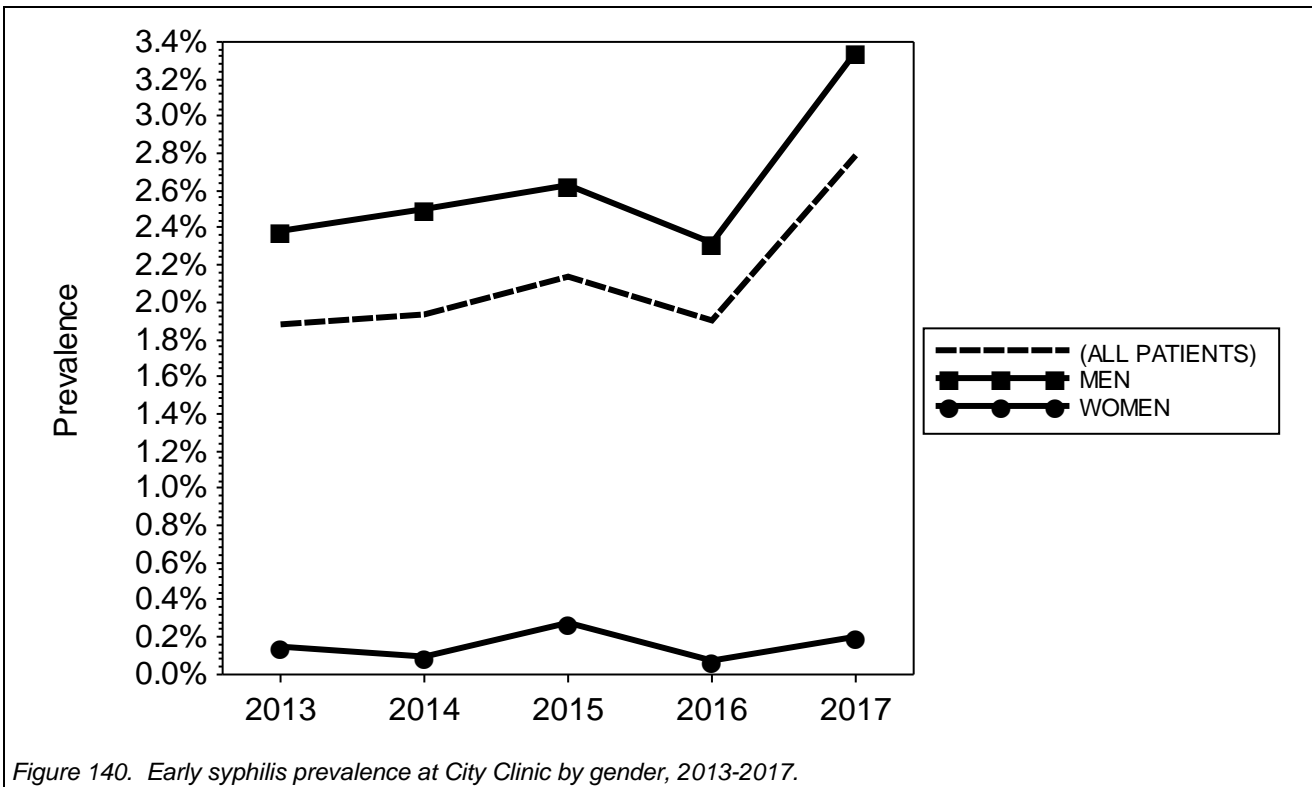


Figure 140. Early syphilis prevalence at City Clinic by gender, 2013-2017.

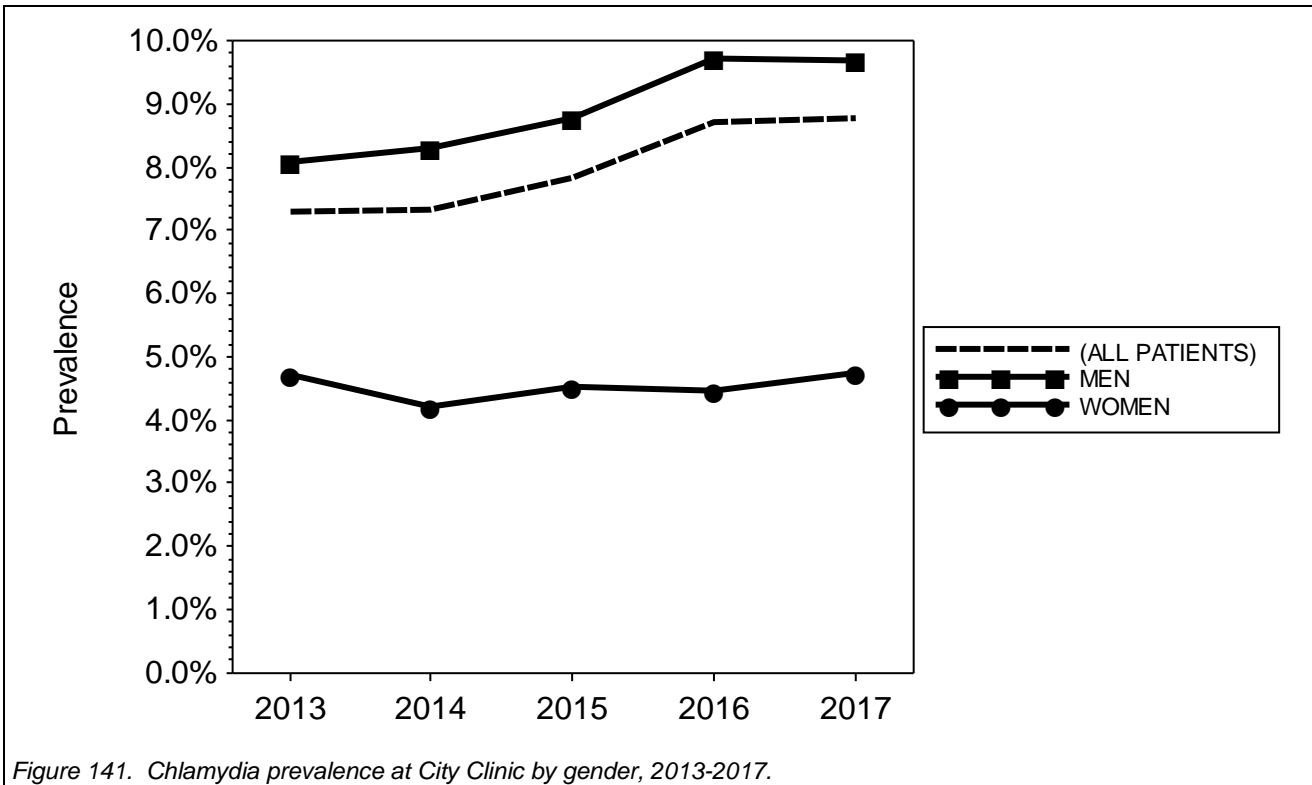


Figure 141. Chlamydia prevalence at City Clinic by gender, 2013-2017.

Table 30. STD diagnoses at City Clinic by gender, 2013-2017. Prevalence equals proportion of visits with diagnosis, excluding follow-up visits. Includes cases originally diagnosed elsewhere but treated at City Clinic.

Cases among (ALL PATIENTS)

	Reported cases					Prevalence				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	1,058	1,060	1,162	1,231	1,205	7.3%	7.3%	7.8%	8.7%	8.8%
GONORRHEA	813	929	1,033	1,228	1,267	5.6%	6.4%	7.0%	8.7%	9.2%
SYPHILIS (TOTAL)	305	320	343	289	411	2.1%	2.2%	2.3%	2.0%	3.0%
---PRIMARY	85	97	105	97	125	0.6%	0.7%	0.7%	0.7%	0.9%
---SECONDARY	102	81	111	96	116	0.7%	0.6%	0.7%	0.7%	0.8%
---(TOTAL P&S)	187	178	216	193	241	1.3%	1.2%	1.5%	1.4%	1.8%
---EARLY LATENT	85	101	101	76	143	0.6%	0.7%	0.7%	0.5%	1.0%
---(TOTAL EARLY)	272	279	317	269	384	1.9%	1.9%	2.1%	1.9%	2.8%
---UNKNOWN LATENT [1]	3	6	1	3	3	0.0%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	29	35	25	16	24	0.2%	0.2%	0.2%	0.1%	0.2%
---NEUROSYPHILIS	1	0	0	1	0	0.0%	0.0%	0.0%	0.0%	0.0%
LYMPHOGRANULOMA VENEREUM	1	5	7	22	35	0.0%	0.0%	0.0%	0.2%	0.3%
TRICHOMONIASIS	88	77	107	94	82	0.6%	0.5%	0.7%	0.7%	0.6%
HERPES	255	228	278	159	129	1.8%	1.6%	1.9%	1.1%	0.9%
GENITAL WARTS	548	464	603	436	529	3.8%	3.2%	4.1%	3.1%	3.9%

Cases among WOMEN

	Reported cases					Prevalence				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	156	138	145	116	119	4.7%	4.2%	4.5%	4.5%	4.8%
GONORRHEA	28	52	45	50	63	0.8%	1.6%	1.4%	1.9%	2.5%
SYPHILIS (TOTAL)	6	7	13	2	7	0.2%	0.2%	0.4%	0.1%	0.3%
---PRIMARY	2	1	3	0	4	0.1%	0.0%	0.1%	0.0%	0.2%
---SECONDARY	2	0	3	1	0	0.1%	0.0%	0.1%	0.0%	0.0%
---(TOTAL P&S)	4	1	6	1	4	0.1%	0.0%	0.2%	0.0%	0.2%
---EARLY LATENT	1	2	3	1	1	0.0%	0.1%	0.1%	0.0%	0.0%
---(TOTAL EARLY)	5	3	9	2	5	0.2%	0.1%	0.3%	0.1%	0.2%
---UNKNOWN LATENT [1]	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	1	4	4	0	2	0.0%	0.1%	0.1%	0.0%	0.1%
PROBABLE PID [2]	85	88	67	53	53	2.6%	2.7%	2.1%	2.0%	2.1%
MPC	43	41	98	80	74	1.3%	1.3%	3.0%	3.1%	3.0%
TRICHOMONIASIS	86	76	106	89	81	2.6%	2.3%	3.3%	3.4%	3.2%
HERPES	59	56	67	42	32	1.8%	1.7%	2.1%	1.6%	1.3%
GENITAL WARTS	46	50	66	42	49	1.4%	1.5%	2.1%	1.6%	2.0%

Cases among MEN

	Reported cases					Prevalence				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	892	915	1,002	1,099	1,069	8.1%	8.3%	8.8%	9.7%	9.7%
GONORRHEA	779	863	975	1,161	1,184	7.0%	7.8%	8.5%	10.3%	10.7%
SYPHILIS (TOTAL)	296	313	323	281	394	2.7%	2.8%	2.8%	2.5%	3.6%
---PRIMARY	83	96	102	97	120	0.8%	0.9%	0.9%	0.9%	1.1%
---SECONDARY	100	81	105	94	113	0.9%	0.7%	0.9%	0.8%	1.0%
---(TOTAL P&S)	183	177	207	191	233	1.7%	1.6%	1.8%	1.7%	2.1%
---EARLY LATENT	81	99	94	72	136	0.7%	0.9%	0.8%	0.6%	1.2%
---(TOTAL EARLY)	264	276	301	263	369	2.4%	2.5%	2.6%	2.3%	3.3%
---UNKNOWN LATENT [1]	3	6	1	3	3	0.0%	0.1%	0.0%	0.0%	0.0%
---LATE LATENT	28	31	21	14	22	0.3%	0.3%	0.2%	0.1%	0.2%
NON-GONOCOCCAL URETHRITIS	1,131	1,048	1,045	1,056	943	10.2%	9.5%	9.1%	9.3%	8.5%
LYMPHOGRANULOMA VENEREUM	1	5	7	22	35	0.0%	0.0%	0.1%	0.2%	0.3%
TRICHOMONIASIS	2	0	1	4	1	0.0%	0.0%	0.0%	0.0%	0.0%
HERPES	196	169	208	115	95	1.8%	1.5%	1.8%	1.0%	0.9%
GENITAL WARTS	498	405	532	391	475	4.5%	3.7%	4.7%	3.5%	4.3%

Cases among OTHER PATIENTS

	Reported cases					Prevalence				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	10	7	15	16	17	7.6%	4.5%	8.3%	8.2%	8.5%
GONORRHEA	6	14	13	17	20	4.5%	9.1%	7.2%	8.8%	10.1%
SYPHILIS (TOTAL)	3	0	7	6	10	2.3%	0.0%	3.9%	3.1%	5.0%
---PRIMARY	0	0	0	0	1	0.0%	0.0%	0.0%	0.0%	0.5%
---SECONDARY	0	0	3	1	3	0.0%	0.0%	1.7%	0.5%	1.5%
---(TOTAL P&S)	0	0	3	1	4	0.0%	0.0%	1.7%	0.5%	2.0%
---EARLY LATENT	3	0	4	3	6	2.3%	0.0%	2.2%	1.5%	3.0%
---(TOTAL EARLY)	3	0	7	4	10	2.3%	0.0%	3.9%	2.1%	5.0%
---UNKNOWN LATENT [1]	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
---LATE LATENT	0	0	0	2	0	0.0%	0.0%	0.0%	1.0%	0.0%
---NEUROSYPHILIS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
LYMPHOGRANULOMA VENEREUM	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
TRICHOMONIASIS	0	1	0	1	0	0.0%	0.6%	0.0%	0.5%	0.0%
HERPES	0	3	3	2	2	0.0%	1.9%	1.7%	1.0%	1.0%
GENITAL WARTS	4	9	5	3	5	3.0%	5.8%	2.8%	1.5%	2.5%

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.

Table 31. STD cases diagnosed at City Clinic by gender and sexual orientation for 2017. Percentages equal proportion of visits with diagnosis, excluding follow-up visits.

	(ALL PATIENTS)		WOMEN		GAY/BI MEN		OTHER MEN		OTHER PATIENTS	
	cases	percent	cases	percent	cases	percent	cases	percent	cases	percent
CHLAMYDIA	1,205	8.8%	119	4.8%	841	11.6%	228	6.0%	17	8.5%
GONORRHEA	1,267	9.2%	63	2.5%	1,027	14.2%	157	4.1%	20	10.1%
SYPHILIS (TOTAL)	411	3.0%	7	0.3%	377	5.2%	17	0.4%	10	5.0%
---PRIMARY	125	0.9%	4	0.2%	116	1.6%	4	0.1%	1	0.5%
---SECONDARY	116	0.8%	0	0.0%	110	1.5%	3	0.1%	3	1.5%
---(TOTAL P&S)	241	1.8%	4	0.2%	226	3.1%	7	0.2%	4	2.0%
---EARLY LATENT	143	1.0%	1	0.0%	132	1.8%	4	0.1%	6	3.0%
---(TOTAL EARLY)	384	2.8%	5	0.2%	358	4.9%	11	0.3%	10	5.0%
---UNKNOWN LATENT [1]	3	0.0%	0	0.0%	2	0.0%	1	0.0%	0	0.0%
---LATE LATENT	24	0.2%	2	0.1%	17	0.2%	5	0.1%	0	0.0%
---NEUROSYPHILIS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
PROBABLE PID [2]	(N/A)	(N/A)	53	2.1%	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)
NON-GONOCOCCAL URETHRITIS	(N/A)	(N/A)	(N/A)	(N/A)	458	6.3%	485	12.8%	(N/A)	(N/A)
MPC	(N/A)	(N/A)	74	3.0%	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)
LYMPHOGRANULOMA VENEREUM	35	0.3%	0	0.0%	35	0.5%	0	0.0%	0	0.0%
TRICHOMONIASIS	82	0.6%	81	3.2%	0	0.0%	1	0.0%	0	0.0%
HERPES	129	0.9%	32	1.3%	49	0.7%	46	1.2%	2	1.0%
GENITAL WARTS	529	3.9%	49	2.0%	217	3.0%	258	6.8%	5	2.5%

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.

*Transgender people**

- This section of the Annual STD Summary was first included in 2015. The data continue to be very limited, as we continue to work on efforts to improve the quantity and quality of data collected citywide on transgender sexual health.
- We include only data of patients seen at San Francisco City Clinic (SFCC) because of the standardized data collection methods on sexual orientation and gender identity (SOGI) at SFCC and the limited reporting of transgender identity from other providers and laboratories.
 - At SFCC, patients are asked to identify their sex at birth and gender at the time of registration; gender identity is also captured during their visit with the clinician. Patients identifying as transgender at registration or with their clinician are included in this section, as are patients whose reported sex at birth is not the same as their current gender identity.
 - Most laboratories receive limited information on SOGI, and so are unable to transmit these data to SFPDH.
- At SFCC, in 2017:
 - Transgender persons made up 1.2% of the total patients and 1.3% of total visits.
 - The majority of transgender patients and visits were among trans females.
 - Of the 3 major STDS, both chlamydia and gonorrhea were identified during visits by trans males, but visits by trans females led to the identification of all 3 major STDs: gonorrhea (8.9% of visits), chlamydia (8.1% of visits), and syphilis (5.9% of visits).
 - Few new HIV acquisitions were diagnosed at SFCC in 2016, the majority among cis males.

* Terminology Defined:

Transgender: A person whose gender identity differs from the sex that was assigned at birth. May be abbreviated to trans. A **transgender man** (or **trans male**) is someone with a male gender identity and a female birth assigned sex; a **transgender woman** (or **trans female**) is someone with a female gender identity and a male birth assigned sex. A **non-transgender person** may be referred to as **cisgender** (cis=same side in Latin).

Table 32. City Clinic patients and visits by gender/transgender identity, 2013-2017. Cells with asterisk for count are between 1 and 5.

	Patients					Percentage of patients				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender/sex at birth										
FEMALE	2616	2511	2449	1971	1826	23.8%	23.0%	23.1%	20.1%	19.8%
TRANS FEMALE	60	62	75	71	83	0.5%	0.5%	0.7%	0.7%	0.9%
MALE	8272	8282	8026	7711	7240	75.3%	76.0%	75.8%	78.7%	78.7%
TRANS MALE	20	25	20	20	25	0.1%	0.2%	0.1%	0.2%	0.2%
TRANSGENDER	*	*	6	8	12	0.0%	0.0%	0.0%	0.0%	0.1%
OTHER	0	0	*	*	*	0	0	0.0%	0.0%	0.0%
REFUSED	0	0	0	0	*	0	0	0	0	0.0%
UNKNOWN	8	*	*	*	*	0.0%	0.0%	0.0%	0.0%	0.0%
(TOTAL)	10980	10885	10581	9787	9189	100%	100%	100%	100%	100%

	Visits					Percentage of visits				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender/sex at birth										
FEMALE	4061	3911	3848	3152	2974	21.4%	21.8%	20.7%	17.8%	17.3%
TRANS FEMALE	130	151	194	196	187	0.6%	0.8%	1.0%	1.1%	1.0%
MALE	14638	13752	14439	14256	13870	77.4%	76.9%	77.9%	80.7%	81.0%
TRANS MALE	32	55	30	34	40	0.1%	0.3%	0.1%	0.1%	0.2%
TRANSGENDER	26	*	8	15	30	0.1%	0.0%	0.0%	0.0%	0.1%
OTHER	0	0	*	*	*	0	0	0.0%	0.0%	0.0%
REFUSED	0	0	0	0	*	0	0	0	0	0.0%
UNKNOWN	15	*	*	6	*	0.0%	0.0%	0.0%	0.0%	0.0%
(TOTAL)	18902	17875	18524	17662	17107	100%	100%	100%	100%	100%

Table 33. STD cases diagnosed at City Clinic by gender/transgender identity for 2017. Percentages equal proportion of visits with diagnosis, excluding follow-up visits. Cells with asterisk for count are between 1 and 5.

	(ALL PATIENTS)		FEMALE		TRANS FEMALE		MALE		TRANS MALE	
	cases	percent	cases	percent	cases	percent	cases	percent	cases	percent
CHLAMYDIA	1205	8.8%	119	4.8%	11	8.1%	1069	9.7%	*	8.3%
GONORRHEA	1267	9.2%	63	2.5%	12	8.9%	1184	10.7%	*	11.1%
SYPHILIS (TOTAL)	411	3.0%	7	0.3%	8	5.9%	394	3.6%	0	0.0%
---PRIMARY	125	0.9%	*	0.2%	*	0.7%	120	1.1%	0	0.0%
---SECONDARY	116	0.8%	0	0.0%	*	1.5%	113	1.0%	0	0.0%
---(TOTAL P&S)	241	1.8%	*	0.2%	*	2.2%	233	2.1%	0	0.0%
---EARLY LATENT	143	1.0%	*	0.0%	*	3.7%	136	1.2%	0	0.0%
---(TOTAL EARLY)	384	2.8%	*	0.2%	8	5.9%	369	3.3%	0	0.0%
---UNKNOWN LATENT [1]	*	0.0%	0	0.0%	0	0.0%	*	0.0%	0	0.0%
---LATE LATENT	24	0.2%	*	0.1%	0	0.0%	22	0.2%	0	0.0%
---NEUROSYPHILIS	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
PROBABLE PID [2]	(N/A)	(N/A)	53	2.1%	(N/A)	(N/A)	(N/A)	(N/A)	*	2.8%
NON-GONOCOCCAL URETHRITIS	(N/A)	(N/A)	(N/A)	(N/A)	*	2.2%	943	8.5%	(N/A)	(N/A)
MPC	(N/A)	(N/A)	74	3.0%	(N/A)	(N/A)	(N/A)	(N/A)	*	8.3%
LYMPHOGRANULOMA VENEREUM	35	0.3%	0	0.0%	0	0.0%	35	0.3%	0	0.0%
TRICHOMONIASIS	82	0.6%	81	3.2%	0	0.0%	*	0.0%	0	0.0%
HERPES	129	0.9%	32	1.3%	*	0.7%	95	0.9%	*	2.8%
GENITAL WARTS	529	3.9%	49	2.0%	*	2.2%	475	4.3%	*	5.6%
HIV	68	0.5%	*	0.2%	*	0.7%	62	0.6%	0	0.0%

	TRANSGENDER		OTHER		REFUSED		UNKNOWN	
	cases	percent	cases	percent	cases	percent	cases	percent
CHLAMYDIA	*	13.6%	0	0.0%	0	0.0%	0	0.0%
GONORRHEA	*	18.2%	0	0.0%	0	0.0%	0	0.0%
SYPHILIS (TOTAL)	*	4.5%	0	0.0%	*	33.3%	0	0.0%
---PRIMARY	0	0.0%	0	0.0%	0	0.0%	0	0.0%
---SECONDARY	0	0.0%	0	0.0%	*	33.3%	0	0.0%
---(TOTAL P&S)	0	0.0%	0	0.0%	*	33.3%	0	0.0%
---EARLY LATENT	*	4.5%	0	0.0%	0	0.0%	0	0.0%
---(TOTAL EARLY)	*	4.5%	0	0.0%	*	33.3%	0	0.0%
---UNKNOWN LATENT [1]	0	0.0%	0	0.0%	0	0.0%	0	0.0%
---LATE LATENT	0	0.0%	0	0.0%	0	0.0%	0	0.0%
---NEUROSYPHILIS	0	0.0%	0	0.0%	0	0.0%	0	0.0%
PROBABLE PID [2]	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)
NON-GONOCOCCAL URETHRITIS	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)
MPC	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)	(N/A)
LYMPHOGRANULOMA VENEREUM	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TRICHOMONIASIS	0	0.0%	0	0.0%	0	0.0%	0	0.0%
HERPES	0	0.0%	0	0.0%	0	0.0%	0	0.0%
GENITAL WARTS	0	0.0%	0	0.0%	0	0.0%	0	0.0%
HIV	0	0.0%	0	0.0%	0	0.0%	0	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.

Table 34. Self-reported HIV positivity for City Clinic visits by gender/transgender identity. Cells with asterisk for count are between 1 and 5.

	FEMALE		TRANS FEMALE		MALE		TRANS MALE		TRANSGENDER	
	pos	rate	pos	rate	pos	rate	pos	rate	pos	rate
2013	29	1.2%	10	9.6%	1639	17.4%	0	0.0%	*	26.7%
2014	35	1.4%	8	7.2%	1610	16.8%	0	0.0%	0	0.0%
2015	30	1.3%	25	16.9%	1926	18.9%	0	0.0%	*	16.7%
2016	31	1.6%	12	8.7%	1946	18.7%	0	0.0%	0	0.0%
2017	29	1.5%	19	13.6%	1996	18.5%	*	2.9%	*	21.1%

	OTHER		REFUSED		UNKNOWN	
	pos	rate	pos	rate	pos	rate
2013	(N/A)	(N/A)	(N/A)	(N/A)	*	14.3%
2014	(N/A)	(N/A)	(N/A)	(N/A)	*	66.7%
2015	(N/A)	(N/A)	(N/A)	(N/A)	*	100.0%
2016	0	0.0%	(N/A)	(N/A)	0	0.0%
2017	0	0.0%	0	0.0%	(N/A)	(N/A)

Table 35. New HIV infections for City Clinic visits by gender/transgender identity. Cells with asterisk for count are between 1 and 5.

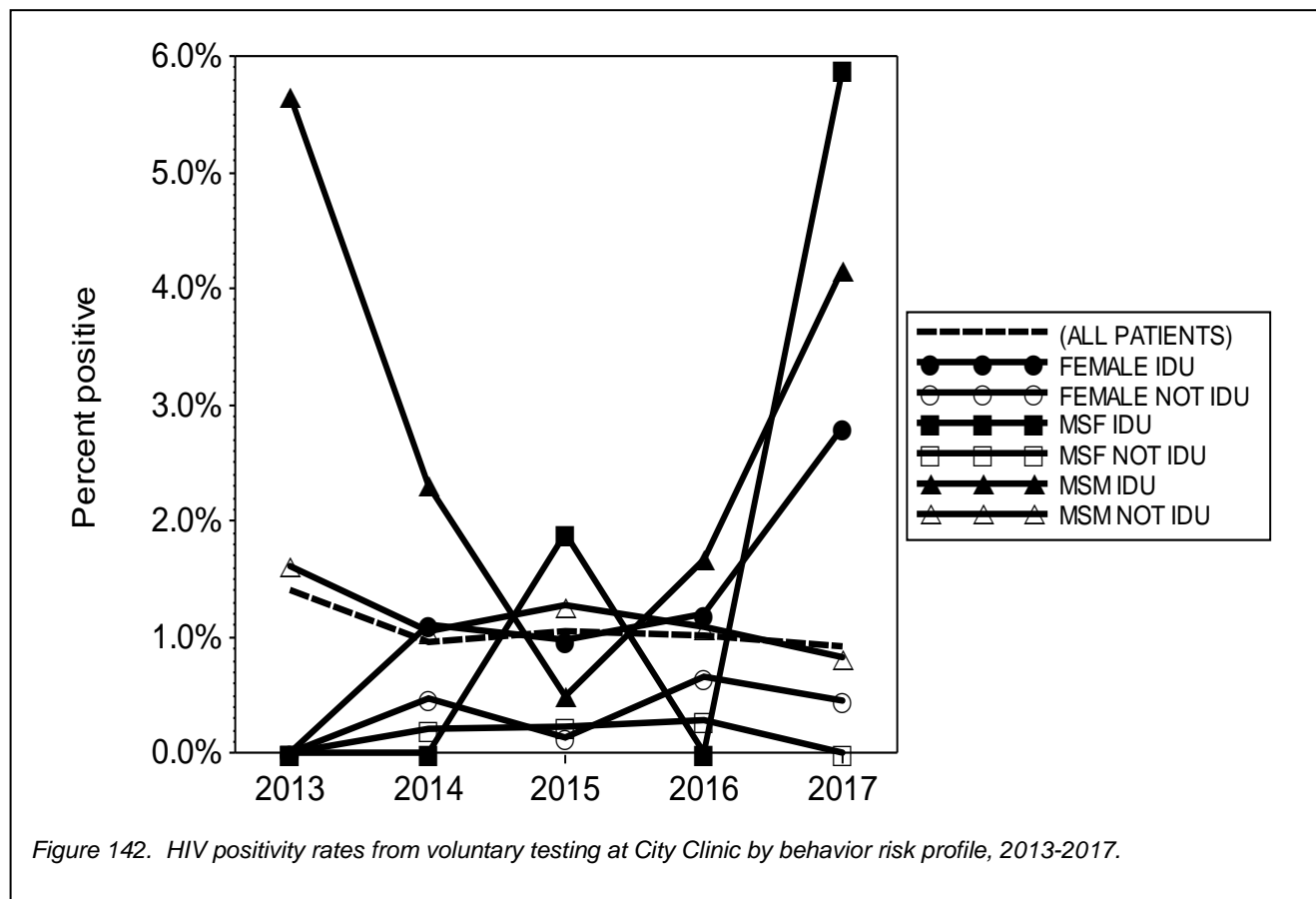
	(ALL PATIENTS)		FEMALE		TRANS FEMALE		MALE		TRANS MALE	
	cases	percent	cases	percent	cases	percent	cases	percent	cases	percent
2013	134	0.9%	0	0.0%	*	2.4%	132	1.2%	0	0.0%
2014	104	0.7%	*	0.1%	*	0.9%	99	0.9%	0	0.0%
2015	141	1.0%	*	0.0%	0	0.0%	140	1.2%	0	0.0%
2016	139	1.0%	*	0.2%	*	0.7%	134	1.2%	0	0.0%
2017	68	0.5%	*	0.2%	*	0.7%	62	0.6%	0	0.0%

	TRANSGENDER		OTHER		REFUSED		UNKNOWN	
	cases	percent	cases	percent	cases	percent	cases	percent
2013	0	0.0%	0	(N/A)	0	(N/A)	0	0.0%
2014	0	0.0%	0	(N/A)	0	(N/A)	0	0.0%
2015	0	0.0%	0	0.0%	0	(N/A)	0	0.0%
2016	0	0.0%	0	0.0%	0	(N/A)	0	0.0%
2017	0	0.0%	0	0.0%	0	0.0%	0	0.0%

HIV testing

Voluntary, confidential, same-day HIV testing is available to City Clinic patients at no additional cost.

- The number of HIV tests conducted at City Clinic declined slightly, from 6,645 in 2016 to 6,615 in 2017. The proportion of positive tests also declined slightly, from 1.0 percent in 2017 to 0.9 percent in 2016.
 - In 2017, the vast majority of the 68 patients diagnosed with HIV at City Clinic reported their risk as “MSM Not IDU” (73.3 percent), but this proportion declined from 2016.
 - The proportion of positive tests jumped to nearly 6.0 percent from 2016 to 2017 among patients reporting “MSF IDU” as their risk category. There were also increases among the “MSM IDU” and “Female IDU” risk groups.
 - There were 22 new positives for San Francisco residents among the 60 HIV diagnoses identified at City Clinic. This represents 9.9 percent of the 221 new HIV diagnoses in San Francisco in 2017.*
- Because these HIV data only represent persons who chose to be tested at City Clinic, and because testing criteria have changed over time, the prevalence measured over time may not represent prevalence and incidence in the greater population of San Francisco residents.



* San Francisco Department of Public Health. HIV Epidemiology Annual Report 2017. San Francisco Department of Public Health, San Francisco, California. September 2018.

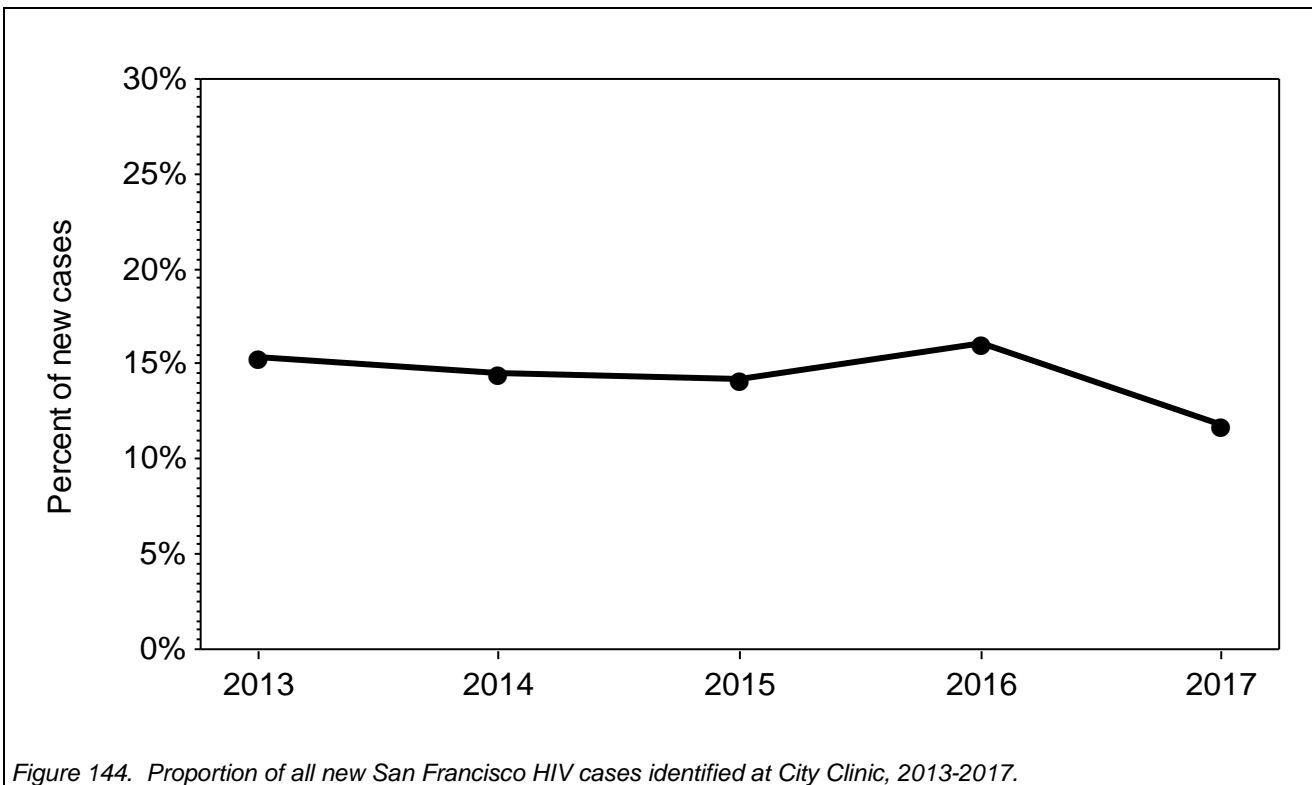
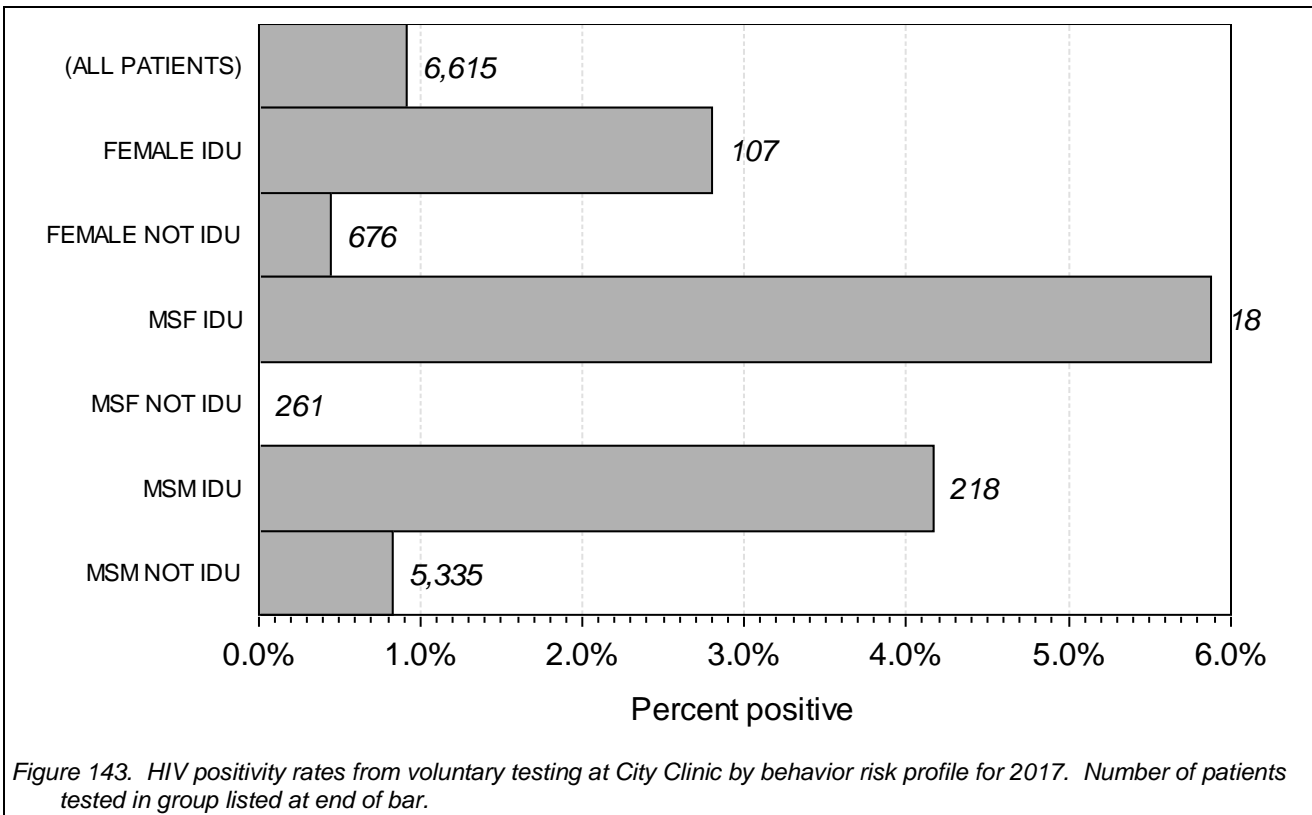


Table 36. Voluntary HIV test results for STD Control Program, 2013-2017. See list of abbreviations in preface. "Post-test counseled" includes patients informed of their HIV test result.

	Patients tested					Seropositive				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender										
FEMALE	684	643	739	578	652	0	*	*	*	*
TRANS FEMALE	88	87	111	99	101	0	*	0	*	*
MALE	5,962	5,285	5,570	5,932	5,833	94	53	65	62	54
TRANS MALE	21	27	17	21	13	0	0	0	0	0
TRANSGENDER	4	3	4	9	13	0	0	0	0	0
OTHER	0	0	1	1	2	0	0	0	0	0
UNKNOWN	2	0	0	5	1	0	0	0	0	0
Risk group										
(UNKNOWN)	1	0	0	1	0	0	0	0	0	0
MSM NOT IDU	5,140	4,535	4,893	5,361	5,335	82	47	62	58	44
TG NOT IDU	2	2	2	8	0	0	0	0	0	0
MSM IDU	213	217	206	181	218	12	*	*	*	9
FEMALE NOT IDU	699	658	757	610	676	0	*	*	*	*
MSF IDU	42	58	55	35	18	0	0	*	0	*
TG IDU	0	0	0	1	0	0	0	0	0	0
FEMALE IDU	93	93	105	84	107	0	*	*	*	*
MSF NOT IDU	571	482	424	364	261	0	*	*	*	0
Age group										
(MISSING AGE)	7	8	6	7	12	*	0	0	0	0
15-19 YEARS	97	79	62	110	92	*	*	*	*	0
20-24 YEARS	939	846	938	949	836	10	8	8	7	6
25-29 YEARS	1,556	1,513	1,615	1,757	1,676	26	8	16	22	14
30-34 YEARS	1,228	1,178	1,207	1,291	1,312	14	14	14	14	12
35-39 YEARS	889	739	829	805	870	11	8	6	8	11
40-44 YEARS	715	527	539	560	598	19	6	7	*	6
45-54 YEARS	989	844	903	800	803	10	9	13	9	6
55-64 YEARS	285	254	275	289	336	*	*	*	*	*
65+ YEARS	56	57	68	77	80	0	0	0	*	0
Ethnicity										
ASIAN/PACIFIC ISLANDER	912	849	1,068	1,123	1,156	17	8	7	11	*
BLACK/AFRICAN AMERICAN	766	697	810	836	845	9	12	14	15	15
HISPANIC	1,457	1,372	1,533	1,658	1,724	23	15	26	19	21
NATIVE AMERICAN	37	31	32	30	37	0	0	*	0	0
UNK/OTHER	72	74	84	78	111	*	0	0	*	*
WHITE	3,517	3,022	2,915	2,920	2,742	44	22	19	20	17
(ALL PATIENTS)	6,761	6,045	6,442	6,645	6,615	94	57	67	67	60

	Seropositive					Post-test counseled				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender										
FEMALE	0.0%	0.5%	0.3%	0.7%	0.8%	89.2%	86.0%	83.1%	74.4%	75.2%
TRANS FEMALE	0.0%	1.1%	0.0%	1.0%	1.0%	70.5%	64.4%	62.2%	69.7%	61.4%
MALE	1.6%	1.0%	1.2%	1.1%	0.9%	71.3%	71.3%	71.4%	75.2%	74.7%
TRANS MALE	0.0%	0.0%	0.0%	0.0%	0.0%	90.5%	77.8%	64.7%	61.9%	53.8%
TRANSGENDER	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	66.7%	75.0%	44.4%	69.2%
OTHER	NONE	NONE	0.0%	0.0%	0.0%	NONE	NONE	100.0%	100.0%	100.0%
UNKNOWN	0.0%	NONE	NONE	0.0%	0.0%	50.0%	NONE	NONE	60.0%	100.0%
Risk group										
(UNKNOWN)	0.0%	NONE	NONE	0.0%	NONE	0.0%	NONE	NONE	0.0%	NONE
MSM NOT IDU	1.6%	1.0%	1.3%	1.1%	0.8%	69.5%	70.3%	70.4%	75.3%	75.1%
TG NOT IDU	0.0%	0.0%	0.0%	0.0%	NONE	50.0%	50.0%	100.0%	25.0%	NONE
MSM IDU	5.7%	2.3%	0.5%	1.7%	4.2%	57.7%	55.3%	58.7%	59.1%	55.0%

	Seropositive					Post-test counseled				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE NOT IDU	0.0%	0.5%	0.1%	0.7%	0.5%	89.1%	86.5%	82.2%	75.9%	77.2%
MSF IDU	0.0%	0.0%	1.9%	0.0%	5.9%	76.2%	62.1%	63.6%	74.3%	61.1%
TG IDU	NONE	NONE	NONE	0.0%	NONE	NONE	NONE	NONE	100.0%	NONE
FEMALE IDU	0.0%	1.1%	1.0%	1.2%	2.8%	74.2%	61.3%	65.7%	59.5%	44.9%
MSF NOT IDU	0.0%	0.2%	0.2%	0.3%	0.0%	92.1%	88.6%	89.6%	81.9%	85.1%
Age group										
(MISSING AGE)	14.3%	0.0%	0.0%	0.0%	0.0%	71.4%	87.5%	66.7%	100.0%	75.0%
15-19 YEARS	2.1%	1.3%	3.2%	0.9%	0.0%	80.4%	81.0%	67.7%	71.8%	70.7%
20-24 YEARS	1.1%	1.0%	0.9%	0.7%	0.7%	76.9%	71.6%	71.1%	71.5%	75.4%
25-29 YEARS	1.7%	0.5%	1.0%	1.3%	0.8%	74.2%	72.3%	74.0%	76.1%	74.6%
30-34 YEARS	1.2%	1.2%	1.2%	1.1%	0.9%	74.3%	75.6%	73.7%	76.1%	76.1%
35-39 YEARS	1.3%	1.1%	0.7%	1.0%	1.3%	72.0%	72.9%	71.9%	74.4%	75.6%
40-44 YEARS	2.7%	1.1%	1.3%	0.5%	1.0%	75.9%	74.0%	72.9%	75.0%	72.9%
45-54 YEARS	1.0%	1.1%	1.4%	1.1%	0.8%	67.8%	69.8%	71.4%	75.8%	71.5%
55-64 YEARS	0.4%	1.2%	0.4%	0.7%	1.5%	67.7%	70.5%	70.5%	74.7%	74.4%
65+ YEARS	0.0%	0.0%	0.0%	1.3%	0.0%	50.0%	68.4%	73.5%	72.7%	73.8%
Ethnicity										
ASIAN/PI	1.9%	1.0%	0.7%	1.0%	0.4%	81.5%	75.5%	77.4%	80.8%	77.2%
BLACK	1.2%	1.8%	1.7%	1.8%	1.8%	77.9%	77.3%	75.3%	70.5%	72.9%
HISPANIC/LATINO	1.6%	1.1%	1.7%	1.2%	1.2%	72.6%	72.4%	68.2%	74.1%	74.1%
NATIVE AMERICAN	0.0%	0.0%	3.1%	0.0%	0.0%	86.5%	71.0%	71.9%	73.3%	83.8%
OTHER	4.0%	0.0%	0.0%	3.4%	2.3%	76.9%	66.7%	77.2%	85.0%	69.8%
(MISSING)	0.0%	0.0%	0.0%	0.0%	0.0%	54.3%	53.8%	40.7%	77.8%	80.0%
WHITE	1.3%	0.7%	0.7%	0.7%	0.6%	70.3%	71.3%	72.6%	74.3%	74.2%
(ALL PATIENTS)	1.4%	1.0%	1.0%	1.0%	0.9%	73.2%	72.8%	72.6%	75.0%	74.5%

Table 37. Summary HIV results for patients tested through voluntary HIV testing for STD program, 2013-2017.

		2013	2014	2015	2016	2017
All HIV tests	tests	6,761	6,045	6,442	6,645	6,615
	percent	100.0	100.0	100.0	100.0	100.0
HIV result						
INDETERMINATE	tests	89	72	32	56	45
	percent	1.3	1.2	0.5	0.8	0.7
NEGATIVE	tests	6,578	5,916	6,343	6,522	6,510
	percent	97.3	97.9	98.5	98.1	98.4
OTHER POSITIVE	tests	71	53	60	61	52
	percent	1.1	0.9	0.9	0.9	0.8
ACUTE POSITIVE	tests	23	4	7	6	8
	percent	0.3	0.1	0.1	0.1	0.1

Appendix I. Demographic Breakdowns of STD Morbidity

Table 38. Major STD cases and rates by all demographic combinations, 2013-2017. Totals greater than zero but less than five are suppressed for confidentiality.

Breakdown by (NONE)

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	(ALL)	(ALL)	5,086	5,974	7,231	8,116	9,094	631.6	741.9	898.0	1007.9	1129.4
GONORRHEA	(BOTH)	(ALL)	(ALL)	2,521	3,280	4,260	5,211	5,754	313.1	407.3	529.0	647.1	714.6
EARLY SYPHILIS	(BOTH)	(ALL)	(ALL)	1,011	1,095	1,206	1,147	1,453	125.6	136.0	149.8	142.4	180.4

Breakdown by AGE

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	(ALL)	15-19 YRS	468	440	484	524	674	1352.4	1271.5	1398.6	1514.2	1947.6
			20-24 YRS	1,253	1,370	1,490	1,584	1,755	2067.0	2260.1	2458.0	2613.1	2895.2
			25-29 YRS	1,125	1,411	1,764	1,966	2,119	1276.1	1600.6	2001.0	2230.1	2403.7
			30-34 YRS	712	893	1,193	1,373	1,596	890.4	1116.8	1491.9	1717.0	1995.9
			35-39 YRS	455	568	691	878	966	642.5	802.1	975.8	1239.9	1364.2
			40-44 YRS	375	477	508	546	605	596.5	758.7	808.0	868.5	962.3
			45-54 YRS	512	622	842	909	979	457.9	556.3	753.1	813.0	875.6
			55-64 YRS	117	135	206	272	313	121.1	139.8	213.3	281.6	324.0
GONORRHEA	(BOTH)	(ALL)	65+ YRS	25	20	29	39	45	22.8	18.2	26.4	35.5	41.0
			15-19 YRS	81	113	80	112	160	234.1	326.5	231.2	323.6	462.3
			20-24 YRS	348	460	582	616	640	574.1	758.9	960.1	1016.2	1055.8
			25-29 YRS	583	739	1,002	1,211	1,333	661.3	838.3	1136.6	1373.7	1512.1
			30-34 YRS	438	603	836	1,031	1,190	547.7	754.1	1045.5	1289.3	1488.2
			35-39 YRS	298	399	541	685	748	420.8	563.5	764.0	967.3	1056.3
			40-44 YRS	285	314	382	525	515	453.3	499.5	607.6	835.1	819.2
			45-54 YRS	385	497	641	768	844	344.3	444.5	573.3	686.9	754.9
EARLY SYPHILIS	(BOTH)	(ALL)	55-64 YRS	89	131	159	222	282	92.1	135.6	164.6	229.8	291.9
			65+ YRS	8	16	29	33	33	7.3	14.6	26.4	30.0	30.0
			15-19 YRS	5	5	9	*	10	14.4	14.4	26.0	*	28.9
			20-24 YRS	55	61	72	77	85	90.7	100.6	118.8	127.0	140.2
			25-29 YRS	133	130	140	154	219	150.9	147.5	158.8	174.7	248.4
			30-34 YRS	137	154	194	172	243	171.3	192.6	242.6	215.1	303.9
			35-39 YRS	116	145	139	151	213	163.8	204.8	196.3	213.2	300.8
			40-44 YRS	177	184	132	155	163	281.5	292.7	210.0	246.5	259.3
EARLY SYPHILIS	(BOTH)	(ALL)	45-54 YRS	296	312	384	315	363	264.7	279.1	343.4	281.7	324.7
			55-64 YRS	82	89	115	108	129	84.9	92.1	119.1	111.8	133.5
			65+ YRS	10	13	20	12	28	9.1	11.8	18.2	10.9	25.5

Breakdown by RACE

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	ASIAN/PI	(ALL)	718	838	907	1,066	1,258	270.2	315.4	341.4	401.2	473.5
		BLACK	(ALL)	789	851	810	880	943	1686.6	1819.1	1731.5	1881.1	2015.8
		HISPANIC	(ALL)	782	885	1,078	1,364	1,469	642.2	726.8	885.2	1120.1	1206.3
		NATV AMER	(ALL)	17	22	36	35	44	930.0	1203.5	1969.4	1914.7	2407.0
		WHITE	(ALL)	1,757	2,166	2,854	3,049	3,167	520.7	641.9	845.8	903.5	938.5
GONORRHEA	(BOTH)	ASIAN/PI	(ALL)	226	243	406	487	606	85.1	91.5	152.8	183.3	228.1
		BLACK	(ALL)	299	528	533	621	719	639.1	1128.7	1139.4	1327.5	1536.9
		HISPANIC	(ALL)	404	550	705	866	996	331.8	451.7	578.9	711.2	817.9
		NATV AMER	(ALL)	13	19	17	25	23	711.2	1039.4	930.0	1367.6	1258.2
		WHITE	(ALL)	1,381	1,645	2,079	2,599	2,608	409.2	487.5	616.1	770.2	772.9

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Breakdown by RACE

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHILIS (BOTH) ASIAN/PI (ALL)	80	101	96	120	147	30.1	38.0	36.1	45.2	55.3
BLACK (ALL)	99	101	131	117	145	211.6	215.9	280.0	250.1	310.0
HISPANIC (ALL)	209	217	288	248	283	171.6	178.2	236.5	203.7	232.4
NATV AMER (ALL)	*	5	*	5	7	*	273.5	*	273.5	382.9
WHITE (ALL)	590	603	618	601	747	174.8	178.7	183.1	178.1	221.4

Breakdown by RACE AND AGE

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	ASIAN/PI	15-19 YRS	48	53	44	64	84	355.3	392.4	325.7	473.8	621.9
			20-24 YRS	175	180	208	252	269	938.5	965.3	1115.5	1351.4	1442.6
			25-29 YRS	180	204	236	275	316	801.6	908.4	1050.9	1224.6	1407.2
			30-34 YRS	102	134	148	161	198	484.3	636.2	702.7	764.4	940.1
			35-39 YRS	87	94	98	123	134	437.5	472.7	492.9	618.6	673.9
			40-44 YRS	53	78	73	72	102	290.7	427.8	400.4	394.9	559.5
			45-54 YRS	53	69	81	86	118	133.8	174.2	204.5	217.2	298.0
			55-64 YRS	14	17	17	27	34	37.9	46.1	46.1	73.2	92.1
			65+ YRS	*	*	0	*	*	*	*	0.0	*	*
		BLACK	15-19 YRS	203	164	152	165	203	6715.2	5425.1	5028.1	5458.2	6715.2
			20-24 YRS	252	287	279	276	233	7370.6	8394.3	8160.3	8072.5	6814.9
			25-29 YRS	138	163	145	152	189	4389.3	5184.5	4612.0	4834.6	6011.5
			30-34 YRS	86	89	89	114	106	3015.4	3120.6	3120.6	3997.2	3716.7
			35-39 YRS	35	45	49	51	72	1263.5	1624.5	1769.0	1841.2	2599.3
			40-44 YRS	18	42	24	39	42	543.3	1267.7	724.4	1177.2	1267.7
			45-54 YRS	32	36	55	60	63	394.8	444.2	678.6	740.3	777.3
			55-64 YRS	5	9	10	17	17	73.0	131.4	146.0	248.2	248.2
			65+ YRS	*	*	*	0	5	*	*	*	0.0	68.7
		HISPANIC	15-19 YRS	77	87	127	147	149	967.3	1093.0	1595.5	1846.7	1871.9
			20-24 YRS	217	220	221	261	346	1803.5	1828.5	1836.8	2169.2	2875.7
			25-29 YRS	174	209	239	308	304	1211.6	1455.3	1664.2	2144.7	2116.8
			30-34 YRS	117	125	169	225	227	910.4	972.6	1315.0	1750.7	1766.3
			35-39 YRS	70	99	103	151	160	641.2	906.8	943.5	1383.2	1465.6
			40-44 YRS	61	72	91	122	102	665.9	786.0	993.4	1331.9	1113.5
			45-54 YRS	50	63	102	117	137	345.3	435.1	704.4	808.0	946.1
			55-64 YRS	9	7	16	26	27	95.6	74.4	170.0	276.2	286.8
			65+ YRS	*	0	*	*	*	*	0.0	*	*	*
		NATV AMER	15-19 YRS	*	*	7	*	*	*	*	7865.2	*	*
			20-24 YRS	7	6	7	5	*	4069.8	3488.4	4069.8	2907.0	*
			25-29 YRS	*	9	10	9	15	*	5027.9	5586.6	5027.9	8379.9
			30-34 YRS	*	*	*	8	8	*	*	*	4705.9	4705.9
			35-39 YRS	*	*	*	*	*	*	*	*	*	*
			40-44 YRS	*	*	*	5	7	*	*	*	2702.7	3783.8
			45-54 YRS	0	*	*	*	*	0.0	*	*	*	*
			55-64 YRS	0	0	0	0	5	0.0	0.0	0.0	0.0	2392.3
			65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
		WHITE	15-19 YRS	46	65	77	67	97	585.8	827.7	980.5	853.2	1235.2
			20-24 YRS	267	324	365	394	377	1147.1	1391.9	1568.1	1692.7	1619.6
			25-29 YRS	379	469	683	665	685	859.3	1063.3	1548.5	1507.7	1553.1
			30-34 YRS	253	351	498	567	639	632.7	877.8	1245.4	1417.9	1598.0
			35-39 YRS	202	246	313	392	399	583.7	710.9	904.5	1132.8	1153.0
			40-44 YRS	202	228	251	230	240	672.4	758.9	835.5	765.6	798.9
			45-54 YRS	315	380	513	530	512	679.2	819.3	1106.1	1142.7	1103.9
			55-64 YRS	70	87	133	171	188	169.6	210.8	322.3	414.4	455.5
			65+ YRS	14	11	19	30	26	31.6	24.8	42.9	67.8	58.7

Breakdown by RACE AND AGE

			Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
GONORRHEA	(BOTH) ASIAN/PI	15-19 YRS	*	6	12	13	11	*	44.4	88.8	96.2	81.4
		20-24 YRS	33	42	61	72	66	177.0	225.2	327.1	386.1	353.9
		25-29 YRS	56	57	112	125	153	249.4	253.8	498.8	556.6	681.3
		30-34 YRS	37	42	70	85	112	175.7	199.4	332.4	403.6	531.8
		35-39 YRS	46	43	55	78	94	231.3	216.3	276.6	392.3	472.7
		40-44 YRS	23	27	47	51	71	126.2	148.1	257.8	279.7	389.4
		45-54 YRS	25	21	38	53	80	63.1	53.0	96.0	133.8	202.0
		55-64 YRS	*	*	6	8	14	*	*	16.3	21.7	37.9
		65+ YRS	0	*	*	*	5	0.0	*	*	*	10.8
		BLACK	15-19 YRS	49	54	29	45	68	1620.9	1786.3	959.3	1488.6
20-24 YRS	66		131	121	117	140	1930.4	3831.5	3539.0	3422.1	4094.8	
25-29 YRS	64		84	109	123	167	2035.6	2671.8	3466.9	3912.2	5311.7	
30-34 YRS	39		80	98	108	126	1367.5	2805.0	3436.2	3786.8	4418.0	
35-39 YRS	26		38	57	66	77	938.6	1371.8	2057.8	2382.7	2779.8	
40-44 YRS	23		31	32	60	42	694.2	935.7	965.9	1811.0	1267.7	
45-54 YRS	22		70	63	76	73	271.4	863.7	777.3	937.7	900.7	
55-64 YRS	8		27	22	24	23	116.8	394.3	321.3	350.5	335.9	
65+ YRS	*		7	*	*	*	*	96.2	*	*	*	
HISPANIC	15-19 YRS		8	22	16	23	27	100.5	276.4	201.0	288.9	339.2
	20-24 YRS	78	68	115	137	123	648.3	565.2	955.8	1138.6	1022.3	
	25-29 YRS	100	148	185	198	257	696.3	1030.6	1288.2	1378.7	1789.6	
	30-34 YRS	77	105	148	203	218	599.1	817.0	1151.6	1579.5	1696.2	
	35-39 YRS	46	79	87	108	127	421.4	723.6	796.9	989.3	1163.3	
	40-44 YRS	51	56	62	90	95	556.8	611.4	676.9	982.5	1037.1	
	45-54 YRS	38	64	83	84	119	262.4	442.0	573.2	580.1	821.8	
	55-64 YRS	6	7	9	20	29	63.7	74.4	95.6	212.4	308.1	
	65+ YRS	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
20-24 YRS		*	*	*	*	*	*	*	*	*	*	
25-29 YRS		*	8	5	5	*	*	4469.3	2793.3	2793.3	*	
30-34 YRS		*	5	*	5	9	*	2941.2	*	2941.2	5294.1	
35-39 YRS		*	*	*	5	*	*	*	*	3289.5	*	
40-44 YRS		0	0	*	6	*	0.0	0.0	*	3243.2	*	
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	
WHITE		15-19 YRS	15	14	17	21	30	191.0	178.3	216.5	267.4	382.0
	20-24 YRS	130	171	196	207	184	558.5	734.6	842.0	889.3	790.5	
	25-29 YRS	315	362	471	585	526	714.2	820.8	1067.9	1326.4	1192.6	
	30-34 YRS	252	322	410	494	545	630.2	805.2	1025.3	1235.4	1362.9	
	35-39 YRS	155	205	267	352	357	447.9	592.4	771.6	1017.2	1031.6	
	40-44 YRS	170	178	204	264	246	565.9	592.5	679.0	878.8	818.9	
	45-54 YRS	272	297	392	492	495	586.4	640.3	845.2	1060.8	1067.2	
	55-64 YRS	62	89	101	155	199	150.2	215.7	244.7	375.6	482.2	
	65+ YRS	6	7	21	26	22	13.6	15.8	47.4	58.7	49.7	

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Breakdown by RACE AND AGE

			Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHILIS (BOTH)	ASIAN/PI	15-19 YRS	*	0	0	0	*	*	0.0	0.0	0.0	*
		20-24 YRS	*	6	12	13	11	*	32.2	64.4	69.7	59.0
		25-29 YRS	11	18	9	13	31	49.0	80.2	40.1	57.9	138.0
		30-34 YRS	15	13	19	24	22	71.2	61.7	90.2	113.9	104.5
		35-39 YRS	17	22	14	17	27	85.5	110.6	70.4	85.5	135.8
		40-44 YRS	15	16	12	24	21	82.3	87.8	65.8	131.6	115.2
		45-54 YRS	14	21	25	26	30	35.4	53.0	63.1	65.7	75.8
		55-64 YRS	*	*	5	*	*	*	*	13.5	*	*
		65+ YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
BLACK	15-19 YRS	*	*	*	*	*	*	*	*	*	*	
	20-24 YRS	13	11	14	12	17	380.2	321.7	409.5	351.0	497.2	
	25-29 YRS	21	13	22	27	33	667.9	413.5	699.7	858.8	1049.6	
	30-34 YRS	11	15	16	20	22	385.7	525.9	561.0	701.3	771.4	
	35-39 YRS	5	13	10	10	17	180.5	469.3	361.0	361.0	613.7	
	40-44 YRS	*	11	14	12	9	*	332.0	422.6	362.2	271.7	
	45-54 YRS	27	26	39	25	24	333.1	320.8	481.2	308.5	296.1	
	55-64 YRS	14	6	10	10	16	204.4	87.6	146.0	146.0	233.6	
	65+ YRS	*	*	*	0	*	*	*	*	0.0	*	
HISPANIC	15-19 YRS	*	*	*	*	*	*	*	*	*	*	
	20-24 YRS	15	17	28	25	26	124.7	141.3	232.7	207.8	216.1	
	25-29 YRS	33	35	47	44	47	229.8	243.7	327.3	306.4	327.3	
	30-34 YRS	41	38	54	35	53	319.0	295.7	420.2	272.3	412.4	
	35-39 YRS	30	30	32	32	44	274.8	274.8	293.1	293.1	403.0	
	40-44 YRS	34	32	40	40	39	371.2	349.3	436.7	436.7	425.8	
	45-54 YRS	46	53	61	52	53	317.7	366.0	421.2	359.1	366.0	
	55-64 YRS	7	11	22	16	17	74.4	116.8	233.7	170.0	180.6	
	65+ YRS	*	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	*	*	*	*	
	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	*	
	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	
	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	22	22	13	24	18	94.5	94.5	55.8	103.1	77.3	
	25-29 YRS	66	59	51	59	80	149.6	133.8	115.6	133.8	181.4	
	30-34 YRS	65	77	86	79	122	162.5	192.6	215.1	197.6	305.1	
	35-39 YRS	59	70	74	85	106	170.5	202.3	213.8	245.6	306.3	
	40-44 YRS	116	113	62	71	78	386.1	376.1	206.4	236.3	259.6	
	45-54 YRS	202	190	243	199	236	435.5	409.7	523.9	429.1	508.8	
	55-64 YRS	54	63	73	75	87	130.8	152.7	176.9	181.7	210.8	
	65+ YRS	5	6	16	9	19	11.3	13.6	36.1	20.3	42.9	

Breakdown by SEX

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Cases of	Gender Race Age										
CHLAMYDIA	FEMALE (ALL) (ALL)	1,995	2,210	2,356	2,595	2,861	502.8	557.0	593.8	654.0	721.1
	MALE (ALL) (ALL)	3,075	3,758	4,862	5,498	6,203	752.8	920.0	1190.3	1346.0	1518.6
GONORRHEA	FEMALE (ALL) (ALL)	203	376	381	487	623	51.2	94.8	96.0	122.7	157.0
	MALE (ALL) (ALL)	2,314	2,901	3,873	4,710	5,111	566.5	710.2	948.2	1153.1	1251.3

Breakdown by SEX

	Reported cases					Incidence rate				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHILIS FEMALE (ALL) (ALL)	21	17	30	32	29	5.3	4.3	7.6	8.1	7.3
MALE (ALL) (ALL)	990	1,076	1,175	1,114	1,420	242.4	263.4	287.7	272.7	347.6

Breakdown by SEX AND AGE

Cases of	Gender	Race	Age	Reported cases					Incidence rate				
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	FEMALE	(ALL)	15-19 YRS	367	340	360	393	502	2071.3	1919.0	2031.8	2218.1	2833.3
			20-24 YRS	760	780	815	869	983	2424.3	2488.1	2599.8	2772.0	3135.7
			25-29 YRS	436	574	613	676	651	991.4	1305.2	1393.9	1537.1	1480.3
			30-34 YRS	209	235	287	327	343	541.3	608.6	743.3	846.9	888.3
			35-39 YRS	85	118	106	135	155	261.1	362.5	325.7	414.8	476.2
			40-44 YRS	53	64	61	71	70	189.5	228.9	218.1	253.9	250.3
			45-54 YRS	34	55	76	78	88	66.6	107.7	148.8	152.7	172.3
			55-64 YRS	13	16	21	25	33	27.4	33.8	44.3	52.8	69.7
			65+ YRS	*	*	*	*	*	*	*	*	*	*
	MALE	(ALL)	15-19 YRS	101	100	124	131	169	598.1	592.1	734.2	775.7	1000.7
			20-24 YRS	489	589	673	710	765	1670.7	2012.4	2299.4	2425.8	2613.7
			25-29 YRS	683	835	1,146	1,282	1,460	1546.0	1890.1	2594.1	2901.9	3304.8
			30-34 YRS	502	658	904	1,044	1,250	1214.0	1591.3	2186.2	2524.7	3022.9
			35-39 YRS	370	450	584	742	806	967.0	1176.0	1526.2	1939.2	2106.4
			40-44 YRS	320	413	447	475	535	916.7	1183.2	1280.6	1360.8	1532.7
			45-54 YRS	478	564	764	828	890	787.0	928.5	1257.8	1363.2	1465.3
			55-64 YRS	104	119	185	246	279	211.2	241.7	375.8	499.7	566.7
GONORRHEA	FEMALE	(ALL)	15-19 YRS	47	57	31	55	90	265.3	321.7	175.0	310.4	508.0
			20-24 YRS	55	101	100	110	155	175.4	322.2	319.0	350.9	494.4
			25-29 YRS	47	79	75	114	133	106.9	179.6	170.5	259.2	302.4
			30-34 YRS	19	51	71	83	98	49.2	132.1	183.9	215.0	253.8
			35-39 YRS	13	23	36	48	53	39.9	70.7	110.6	147.5	162.8
			40-44 YRS	11	28	31	36	38	39.3	100.1	110.9	128.7	135.9
			45-54 YRS	*	24	23	24	32	*	47.0	45.0	47.0	62.7
			55-64 YRS	*	6	7	12	15	*	12.7	14.8	25.3	31.7
			65+ YRS	*	*	*	*	*	*	*	*	*	*
	MALE	(ALL)	15-19 YRS	34	56	48	57	69	201.3	331.6	284.2	337.5	408.6
			20-24 YRS	291	359	482	503	481	994.2	1226.6	1646.8	1718.5	1643.4
			25-29 YRS	536	659	926	1,093	1,192	1213.3	1491.7	2096.1	2474.1	2698.2
			30-34 YRS	419	552	763	946	1,091	1013.3	1334.9	1845.2	2287.7	2638.4
			35-39 YRS	285	376	504	636	694	744.8	982.6	1317.2	1662.1	1813.7
			40-44 YRS	274	286	351	488	476	785.0	819.3	1005.6	1398.0	1363.7
			45-54 YRS	380	471	618	743	811	625.6	775.4	1017.5	1223.2	1335.2
			55-64 YRS	85	125	152	210	265	172.7	253.9	308.7	426.6	538.3
65+ YRS	7	14	26	29	30	14.7	29.3	54.5	60.7	62.8			

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Breakdown by SEX AND AGE

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHILIS FEMALE (ALL)	15-19 YRS	0	*	*	*	0	0.0	*	*	*	0.0
	20-24 YRS	5	*	*	9	*	15.9	*	*	28.7	*
	25-29 YRS	*	*	*	6	7	*	*	*	13.6	15.9
	30-34 YRS	*	*	*	5	6	*	*	*	12.9	15.5
	35-39 YRS	0	*	*	*	6	0.0	*	*	*	18.4
	40-44 YRS	*	*	*	*	*	*	*	*	*	*
	45-54 YRS	6	*	9	*	*	11.7	*	17.6	*	*
	55-64 YRS	*	*	0	*	*	*	*	0.0	*	*
	65+ YRS	*	0	*	0	0	*	0.0	*	0.0	0.0
MALE (ALL)	15-19 YRS	5	*	8	*	10	29.6	*	47.4	*	59.2
	20-24 YRS	50	58	68	68	81	170.8	198.2	232.3	232.3	276.7
	25-29 YRS	129	127	136	148	210	292.0	287.5	307.8	335.0	475.3
	30-34 YRS	136	153	191	166	237	328.9	370.0	461.9	401.4	573.1
	35-39 YRS	116	143	135	149	205	303.2	373.7	352.8	389.4	535.8
	40-44 YRS	176	180	129	153	161	504.2	515.7	369.6	438.3	461.2
	45-54 YRS	290	311	374	311	360	477.4	512.0	615.7	512.0	592.7
	55-64 YRS	79	86	115	105	128	160.5	174.7	233.6	213.3	260.0
	65+ YRS	9	13	18	12	28	18.9	27.2	37.7	25.1	58.7

Breakdown by RACE AND SEX

			Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Cases of	Gender	Race Age										
CHLAMYDIA	FEMALE	ASIAN/PI (ALL)	370	414	398	458	510	259.2	290.0	278.8	320.8	357.2
		BLACK (ALL)	408	445	373	391	432	1789.9	1952.3	1636.4	1715.4	1895.2
		HISPANIC (ALL)	299	294	343	463	490	524.0	515.3	601.2	811.5	858.8
		NATV AMER (ALL)	8	10	19	14	14	980.4	1225.5	2328.4	1715.7	1715.7
		WHITE (ALL)	331	398	488	508	513	210.1	252.6	309.8	322.5	325.6
	MALE	ASIAN/PI (ALL)	346	424	509	608	747	281.5	344.9	414.1	494.6	607.7
		BLACK (ALL)	381	406	437	489	511	1588.4	1692.6	1821.8	2038.6	2130.3
		HISPANIC (ALL)	483	591	734	900	977	746.3	913.2	1134.2	1390.6	1509.6
		NATV AMER (ALL)	9	12	17	20	29	889.3	1185.8	1679.8	1976.3	2865.6
GONORRHEA	FEMALE	ASIAN/PI (ALL)	1,422	1,766	2,362	2,536	2,646	790.4	981.6	1312.8	1409.5	1470.7
		BLACK (ALL)	*	30	34	47	70	*	21.0	23.8	32.9	49.0
		HISPANIC (ALL)	81	165	124	139	180	355.4	723.9	544.0	609.8	789.7
		NATV AMER (ALL)	22	36	41	66	94	38.6	63.1	71.9	115.7	164.8
		WHITE (ALL)	*	*	5	7	8	*	*	612.7	857.8	980.4
	MALE	ASIAN/PI (ALL)	60	95	107	141	163	38.1	60.3	67.9	89.5	103.5
		BLACK (ALL)	221	213	372	440	536	179.8	173.3	302.6	357.9	436.0
		HISPANIC (ALL)	218	363	409	482	539	908.8	1513.3	1705.1	2009.4	2247.1
		NATV AMER (ALL)	382	514	663	799	899	590.3	794.2	1024.4	1234.6	1389.1
EARLY SYPHILIS FEMALE	FEMALE	ASIAN/PI (ALL)	10	18	12	17	15	988.1	1778.7	1185.8	1679.8	1482.2
		BLACK (ALL)	1,319	1,548	1,970	2,452	2,437	733.1	860.4	1094.9	1362.8	1354.5
		HISPANIC (ALL)	*	*	6	5	5	*	*	4.2	3.5	3.5
		NATV AMER (ALL)	10	8	6	9	5	43.9	35.1	26.3	39.5	21.9
		WHITE (ALL)	*	*	7	*	*	*	*	12.3	*	*
	MALE	ASIAN/PI (ALL)	0	0	0	*	*	0.0	0.0	0.0	*	*
		BLACK (ALL)	7	5	8	10	10	4.4	3.2	5.1	6.3	6.3
		HISPANIC (ALL)	79	100	90	115	142	64.3	81.3	73.2	93.5	115.5
		NATV AMER (ALL)	89	93	125	108	140	371.0	387.7	521.1	450.2	583.6
EARLY SYPHILIS FEMALE	ASIAN/PI (ALL)	206	213	281	244	280	318.3	329.1	434.2	377.0	432.6	
	BLACK (ALL)	*	5	*	*	*	*	494.1	*	*	*	
	HISPANIC (ALL)	583	597	609	591	735	324.0	331.8	338.5	328.5	408.5	
	NATV AMER (ALL)											

Breakdown by AGE, RACE, AND SEX

Cases of	Gender	Race	Age	Reported cases					Incidence rate					
				2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
CHLAMYDIA	FEMALE	ASIAN/PI	15-19 YRS	40	43	30	57	67	590.7	635.0	443.0	841.7	989.4	
			20-24 YRS	131	122	123	144	162	1359.5	1266.1	1276.5	1494.4	1681.2	
			25-29 YRS	88	104	117	125	127	734.0	867.5	975.9	1042.6	1059.3	
			30-34 YRS	47	52	54	52	58	413.5	457.5	475.1	457.5	510.3	
			35-39 YRS	24	33	22	29	30	227.1	312.3	208.2	274.4	283.9	
			40-44 YRS	19	22	20	12	20	195.3	226.2	205.6	123.4	205.6	
			45-54 YRS	9	25	23	24	27	42.2	117.2	107.8	112.5	126.5	
			55-64 YRS	9	6	8	11	18	44.8	29.9	39.8	54.7	89.6	
			65+ YRS	*	*	0	*	0	*	*	0.0	*	0.0	
			BLACK	15-19 YRS	149	139	117	114	144	9324.2	8698.4	7321.7	7133.9	9011.3
				20-24 YRS	148	164	151	154	137	8305.3	9203.1	8473.6	8642.0	7688.0
				25-29 YRS	60	81	56	62	70	3821.7	5159.2	3566.9	3949.0	4458.6
				30-34 YRS	24	22	20	26	25	1673.6	1534.2	1394.7	1813.1	1743.4
				35-39 YRS	7	14	12	15	19	541.0	1081.9	927.4	1159.2	1468.3
	40-44 YRS	*		7	*	5	8	*	489.5	*	349.7	559.4		
	45-54 YRS	*		*	8	6	12	*	*	231.9	173.9	347.8		
	55-64 YRS	0		*	*	*	5	0.0	*	*	*	164.7		
	65+ YRS	0		0	0	0	0	0.0	0.0	0.0	0.0	0.0		
	HISPANIC	15-19 YRS		64	58	93	105	109	1608.4	1457.7	2337.3	2638.9	2739.4	
		20-24 YRS		112	108	117	145	206	2045.3	1972.2	2136.6	2647.9	3761.9	
		25-29 YRS		63	66	61	97	72	1001.9	1049.6	970.1	1542.6	1145.0	
		30-34 YRS		30	26	32	59	47	544.1	471.5	580.3	1070.0	852.4	
		35-39 YRS		12	22	13	23	21	253.5	464.7	274.6	485.8	443.6	
		40-44 YRS	6	9	11	18	12	160.1	240.2	293.6	480.4	320.3		
		45-54 YRS	*	*	9	10	12	*	*	140.0	155.5	186.7		
		55-64 YRS	*	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	*	*	6	*	*	*	*	12000.0	*	*	
			20-24 YRS	5	*	6	*	*	5376.3	*	6451.6	*	*	
			25-29 YRS	*	5	*	*	7	*	5747.1	*	*	8046.0	
			30-34 YRS	0	*	*	*	*	0.0	*	*	*	*	
			35-39 YRS	0	0	*	*	0	0.0	0.0	*	*	0.0	
	40-44 YRS		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	35	45	61	57	75	830.6	1067.9	1447.6	1352.6	1779.8	
			20-24 YRS	128	138	164	172	169	1012.0	1091.1	1296.6	1359.9	1336.2	
			25-29 YRS	91	122	147	141	124	413.2	553.9	667.5	640.2	563.0	
			30-34 YRS	33	51	63	71	84	176.5	272.8	337.0	379.8	449.4	
			35-39 YRS	20	20	26	26	31	136.2	136.2	177.0	177.0	211.0	
		40-44 YRS	15	9	9	18	10	124.2	74.5	74.5	149.1	82.8		
		45-54 YRS	*	9	13	14	13	*	49.0	70.7	76.2	70.7		
		55-64 YRS	*	*	*	7	*	*	*	*	37.8	*		
		65+ YRS	*	0	0	0	0	*	0.0	0.0	0.0	0.0		
		MALE	ASIAN/PI	15-19 YRS	8	10	14	7	17	118.8	148.5	207.8	103.9	252.4
				20-24 YRS	44	58	85	108	107	488.3	643.7	943.3	1198.5	1187.4
25-29 YRS				91	100	119	150	189	869.4	955.4	1136.9	1433.1	1805.7	
30-34 YRS				54	82	94	109	140	556.9	845.7	969.5	1124.2	1443.9	
35-39 YRS				63	61	76	94	104	676.2	654.7	815.7	1008.9	1116.2	
40-44 YRS	34			56	53	60	82	399.8	658.4	623.2	705.5	964.1		
45-54 YRS	44			44	58	62	90	240.9	240.9	317.6	339.5	492.8		
55-64 YRS	5			11	9	16	16	29.7	65.4	53.5	95.1	95.1		
65+ YRS	*			*	0	*	*	*	*	0.0	*	*		
BLACK	15-19 YRS			54	25	35	51	59	3789.5	1754.4	2456.1	3578.9	4140.4	
	20-24 YRS			104	123	128	122	96	6353.1	7513.7	7819.2	7452.7	5864.4	
	25-29 YRS			78	82	89	90	119	4955.5	5209.7	5654.4	5717.9	7560.4	

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Breakdown by AGE, RACE, AND SEX

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
	30-34 YRS	62	67	69	88	81	4372.4	4725.0	4866.0	6205.9	5712.3
	35-39 YRS	28	31	37	36	53	1897.0	2100.3	2506.8	2439.0	3590.8
	40-44 YRS	17	35	21	34	34	902.8	1858.7	1115.2	1805.6	1805.6
	45-54 YRS	30	34	47	54	51	644.5	730.4	1009.7	1160.0	1095.6
	55-64 YRS	5	6	8	13	12	131.2	157.4	209.9	341.0	314.8
	65+ YRS	*	*	*	0	5	*	*	*	0.0	161.8
HISPANIC	15-19 YRS	13	29	34	42	40	326.6	728.5	854.1	1055.0	1004.8
	20-24 YRS	105	112	104	116	139	1601.6	1708.4	1586.3	1769.4	2120.2
	25-29 YRS	111	143	177	211	232	1375.0	1771.3	2192.5	2613.7	2873.8
	30-34 YRS	87	99	137	166	180	1185.6	1349.1	1867.0	2262.2	2453.0
	35-39 YRS	58	77	90	128	138	938.1	1245.4	1455.6	2070.2	2231.9
	40-44 YRS	55	63	80	104	90	1016.1	1163.9	1477.9	1921.3	1662.7
	45-54 YRS	46	60	93	106	125	571.3	745.2	1155.0	1316.4	1552.4
	55-64 YRS	7	7	15	25	26	147.9	147.9	316.9	528.2	549.3
	65+ YRS	*	0	*	*	*	*	0.0	*	*	*
NATV AMER	15-19 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0
	20-24 YRS	*	*	*	*	0	*	*	*	*	0.0
	25-29 YRS	*	*	7	6	7	*	*	7608.7	6521.7	7608.7
	30-34 YRS	*	*	*	6	7	*	*	*	6315.8	7368.4
	35-39 YRS	*	*	*	*	*	*	*	*	*	*
	40-44 YRS	*	*	*	*	5	*	*	*	*	4310.3
	45-54 YRS	0	*	*	*	*	0.0	*	*	*	*
	55-64 YRS	0	0	0	0	5	0.0	0.0	0.0	0.0	4424.8
	65+ YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WHITE	15-19 YRS	11	20	16	10	22	302.3	549.6	439.7	274.8	604.6
	20-24 YRS	138	186	201	221	208	1298.3	1749.9	1891.1	2079.2	1956.9
	25-29 YRS	287	347	536	522	555	1299.7	1571.4	2427.3	2363.9	2513.4
	30-34 YRS	220	300	433	496	554	1033.1	1408.7	2033.2	2329.1	2601.4
	35-39 YRS	182	226	287	366	367	913.8	1134.8	1441.1	1837.7	1842.7
	40-44 YRS	185	219	242	212	230	1029.6	1218.8	1346.8	1179.9	1280.1
	45-54 YRS	313	369	498	514	499	1117.9	1318.0	1778.7	1835.8	1782.3
	55-64 YRS	69	84	129	164	185	303.4	369.4	567.3	721.2	813.6
	65+ YRS	13	11	19	30	26	62.8	53.2	91.8	145.0	125.6

Breakdown by AGE, RACE, AND SEX

			Reported cases					Incidence rate					
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
			GONORRHEA	FEMALE	ASIAN/PI	15-19 YRS	*	*	*	8	6	*	*
			20-24 YRS	*	10	6	13	12	*	103.8	62.3	134.9	124.5
			25-29 YRS	*	6	5	9	19	*	50.0	41.7	75.1	158.5
			30-34 YRS	0	*	6	5	6	0.0	*	52.8	44.0	52.8
			35-39 YRS	0	*	*	*	9	0.0	*	*	*	85.2
			40-44 YRS	0	*	5	5	9	0.0	*	51.4	51.4	92.5
			45-54 YRS	0	*	*	*	6	0.0	*	*	*	28.1
			55-64 YRS	*	*	0	0	*	*	*	0.0	0.0	*
			65+ YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0
		BLACK	15-19 YRS	35	37	17	25	48	2190.2	2315.4	1063.8	1564.5	3003.8
			20-24 YRS	23	58	46	37	56	1290.7	3254.8	2581.4	2076.3	3142.5
			25-29 YRS	14	28	24	27	35	891.7	1783.4	1528.7	1719.7	2229.3
			30-34 YRS	5	16	12	21	19	348.7	1115.8	836.8	1464.4	1325.0
			35-39 YRS	*	*	11	17	13	*	*	850.1	1313.8	1004.6
			40-44 YRS	*	8	7	7	*	*	559.4	489.5	489.5	*
			45-54 YRS	0	7	*	*	*	0.0	202.9	*	*	*
			55-64 YRS	0	*	*	*	*	0.0	*	*	*	*
			65+ YRS	*	0	*	*	0	*	0.0	*	*	0.0
		HISPANIC	15-19 YRS	*	7	*	6	12	*	175.9	*	150.8	301.6
			20-24 YRS	7	7	7	21	30	127.8	127.8	127.8	383.5	547.8
			25-29 YRS	6	8	*	13	15	95.4	127.2	*	206.7	238.5
			30-34 YRS	*	5	12	12	17	*	90.7	217.6	217.6	308.3
			35-39 YRS	*	*	*	*	5	*	*	*	*	105.6
			40-44 YRS	*	*	6	*	7	*	*	160.1	*	186.8
			45-54 YRS	0	*	5	7	*	0.0	*	77.8	108.9	*
			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	*
		NATV AMER	15-19 YRS	*	0	0	0	0	*	0.0	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	*	*
			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	*	*
			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	5	5	*	10	13	118.7	118.7	*	237.3	308.5
			20-24 YRS	15	17	15	19	29	118.6	134.4	118.6	150.2	229.3
			25-29 YRS	18	23	30	39	39	81.7	104.4	136.2	177.1	177.1
			30-34 YRS	6	24	29	29	35	32.1	128.4	155.1	155.1	187.2
			35-39 YRS	6	6	10	16	17	40.8	40.8	68.1	108.9	115.7
			40-44 YRS	7	10	9	12	15	58.0	82.8	74.5	99.4	124.2
			45-54 YRS	0	7	8	7	7	0.0	38.1	43.5	38.1	38.1
			55-64 YRS	*	*	*	8	5	*	*	*	43.2	27.0
			65+ YRS	0	0	0	*	*	0.0	0.0	0.0	*	*
	MALE	ASIAN/PI	15-19 YRS	*	*	8	5	5	*	*	118.8	74.2	74.2
			20-24 YRS	32	32	55	59	54	355.1	355.1	610.4	654.8	599.3
			25-29 YRS	55	51	107	116	134	525.5	487.2	1022.3	1108.2	1280.2
			30-34 YRS	37	40	64	80	106	381.6	412.5	660.1	825.1	1093.2
			35-39 YRS	46	39	51	74	85	493.7	418.6	547.4	794.2	912.3
			40-44 YRS	23	26	42	46	62	270.4	305.7	493.8	540.9	729.0
			45-54 YRS	24	20	34	51	74	131.4	109.5	186.2	279.3	405.2
			55-64 YRS	*	*	6	8	11	*	*	35.7	47.6	65.4
			65+ YRS	0	0	*	*	5	0.0	0.0	*	*	26.0
		BLACK	15-19 YRS	14	17	12	20	20	982.5	1193.0	842.1	1403.5	1403.5
			20-24 YRS	43	73	75	80	84	2626.8	4459.4	4581.6	4887.0	5131.3
			25-29 YRS	50	56	85	96	132	3176.6	3557.8	5400.3	6099.1	8386.3
			30-34 YRS	34	64	86	87	107	2397.7	4513.4	6064.9	6135.4	7545.8

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Breakdown by AGE, RACE, AND SEX

	Reported cases					Incidence rate					
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
	35-39 YRS	25	34	46	49	64	1693.8	2303.5	3116.5	3319.8	4336.0
	40-44 YRS	22	23	25	53	39	1168.3	1221.5	1327.7	2814.7	2071.2
	45-54 YRS	22	63	59	74	70	472.6	1353.4	1267.5	1589.7	1503.8
	55-64 YRS	8	25	21	22	21	209.9	655.8	550.9	577.1	550.9
	65+ YRS	0	7	0	*	*	0.0	226.5	0.0	*	*
HISPANIC	15-19 YRS	6	15	12	17	15	150.7	376.8	301.4	427.0	376.8
	20-24 YRS	71	61	108	115	91	1083.0	930.4	1647.3	1754.1	1388.0
	25-29 YRS	94	140	182	185	242	1164.4	1734.2	2254.4	2291.6	2997.6
	30-34 YRS	74	100	135	191	201	1008.4	1362.8	1839.7	2602.9	2739.2
	35-39 YRS	45	77	83	104	122	727.8	1245.4	1342.4	1682.0	1973.2
	40-44 YRS	49	52	56	88	88	905.2	960.7	1034.5	1625.7	1625.7
	45-54 YRS	38	61	78	77	114	471.9	757.6	968.7	956.3	1415.8
	55-64 YRS	5	7	9	20	26	105.6	147.9	190.2	422.6	549.3
	65+ YRS	0	0	0	*	0	0.0	0.0	0.0	*	0.0
NATV AMER	15-19 YRS	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
	20-24 YRS	*	*	0	0	*	*	*	0.0	0.0	*
	25-29 YRS	*	7	5	*	*	* 7608.7	5434.8	*	*	*
	30-34 YRS	*	5	*	*	7	* 5263.2	*	*	* 7368.4	*
	35-39 YRS	*	*	*	*	*	*	*	*	*	*
	40-44 YRS	0	0	*	*	*	0.0	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	0.0	0.0
WHITE	15-19 YRS	10	9	13	11	17	274.8	247.3	357.2	302.3	467.2
	20-24 YRS	114	154	181	186	154	1072.5	1448.9	1702.9	1749.9	1448.9
	25-29 YRS	297	339	441	543	483	1345.0	1535.2	1997.1	2459.0	2187.3
	30-34 YRS	246	298	380	465	509	1155.1	1399.3	1784.4	2183.5	2390.1
	35-39 YRS	149	199	257	336	340	748.1	999.2	1290.4	1687.1	1707.2
	40-44 YRS	163	168	195	252	231	907.2	935.0	1085.3	1402.5	1285.6
	45-54 YRS	271	288	384	485	488	967.9	1028.6	1371.5	1732.3	1743.0
	55-64 YRS	61	86	98	147	192	268.3	378.2	431.0	646.5	844.4
	65+ YRS	6	7	21	24	21	29.0	33.8	101.5	116.0	101.5

Breakdown by AGE, RACE, AND SEX

			Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
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
		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	*	*	*	*
		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
		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	*	*	*
	20-24 YRS	*	*	*	*	0	*	*	*	*	*	0.0
	25-29 YRS	*	0	*	*	*	*	0.0	*	*	*	
	30-34 YRS	*	*	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
	55-64 YRS	*	*	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	0.0	0.0
	20-24 YRS	*	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	*	*	*		
35-39 YRS	0	0	*	0	0	0.0	0.0	*	0.0	0.0		
40-44 YRS	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		
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	*		
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	*		
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	0.0	0.0	
20-24 YRS	*	*	*	*	*	*	*	*	*	*	*	
25-29 YRS	*	*	0	*	*	*	*	*	0.0	*	*	
30-34 YRS	0	0	*	*	*	0.0	0.0	*	*	*		
35-39 YRS	0	*	*	*	*	0.0	*	*	*	*		
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	0.0	*	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	*
		20-24 YRS	*	6	10	10	11	*	66.6	111.0	111.0	122.1
		25-29 YRS	11	18	8	13	29	105.1	172.0	76.4	124.2	277.1
		30-34 YRS	15	13	19	24	22	154.7	134.1	196.0	247.5	226.9
		35-39 YRS	17	21	13	16	26	182.5	225.4	139.5	171.7	279.1
		40-44 YRS	15	16	11	24	21	176.4	188.1	129.3	282.2	246.9
		45-54 YRS	14	21	24	25	28	76.7	115.0	131.4	136.9	153.3
		55-64 YRS	*	*	5	*	*	*	*	29.7	*	*
		65+ YRS	0	*	0	0	0	0.0	*	0.0	0.0	0.0

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Breakdown by AGE, RACE, AND SEX

		Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
BLACK	15-19 YRS	*	0	*	0	*	*	0.0	*	0.0	*
	20-24 YRS	10	10	13	11	17	610.9	610.9	794.1	672.0	1038.5
	25-29 YRS	19	13	19	25	31	1207.1	825.9	1207.1	1588.3	1969.5
	30-34 YRS	10	14	16	18	21	705.2	987.3	1128.3	1269.4	1481.0
	35-39 YRS	5	13	10	10	16	338.8	880.8	677.5	677.5	1084.0
	40-44 YRS	*	11	14	12	9	*	584.2	743.5	637.3	478.0
	45-54 YRS	25	25	38	24	24	537.1	537.1	816.3	515.6	515.6
	55-64 YRS	12	*	10	8	15	314.8	*	262.3	209.9	393.5
65+ YRS	*	*	*	0	*	*	*	*	0.0	*	
HISPANIC	15-19 YRS	*	*	*	*	*	*	*	*	*	*
	20-24 YRS	14	16	28	24	25	213.5	244.1	427.1	366.1	381.3
	25-29 YRS	33	34	47	42	47	408.8	421.2	582.2	520.3	582.2
	30-34 YRS	41	38	53	34	52	558.7	517.9	722.3	463.3	708.6
	35-39 YRS	30	30	31	32	44	485.2	485.2	501.4	517.5	711.6
	40-44 YRS	34	30	39	40	38	628.1	554.2	720.5	739.0	702.0
	45-54 YRS	45	53	57	52	53	558.9	658.2	707.9	645.8	658.2
	55-64 YRS	7	11	22	16	17	147.9	232.4	464.8	338.1	359.2
65+ YRS	*	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	*	*	*	*
	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	*
	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
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	21	21	12	21	17	197.6	197.6	112.9	197.6	159.9
	25-29 YRS	64	57	51	57	77	289.8	258.1	231.0	258.1	348.7
	30-34 YRS	65	77	84	78	120	305.2	361.6	394.4	366.3	563.5
	35-39 YRS	59	69	72	84	102	296.2	346.5	361.5	421.8	512.2
	40-44 YRS	115	111	62	71	77	640.0	617.8	345.1	395.1	428.5
	45-54 YRS	199	190	239	197	235	710.8	678.6	853.6	703.6	839.3
	55-64 YRS	54	63	73	74	87	237.5	277.1	321.0	325.4	382.6
65+ YRS	5	6	16	9	19	24.2	29.0	77.3	43.5	91.8	

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

Table 39. Adolescent/Young Adults vs. adult major STD cases and rates by all demographic combinations, 2013-2017.

Breakdown by AGE, Age group is ADOLESCENT/YOUNG ADULT (15-25 YRS)												
Cases of	Gender	Race/ethnicity	Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	(ALL)	2,012	2,121	2,372	2,540	2,861	1788.1	1884.9	2108.0	2257.3	2542.6
GONORRHEA	(BOTH)	(ALL)	588	709	863	932	1,057	522.6	630.1	767.0	828.3	939.4
EARLY SYPHILIS	(BOTH)	(ALL)	86	89	103	107	127	76.4	79.1	91.5	95.1	112.9
Breakdown by AGE, Age group is ADULT (OVER 25 YRS)												
Cases of	Gender	Race/ethnicity	Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	(ALL)	3,040	3,833	4,847	5,560	6,196	504.4	635.9	804.2	922.4	1028.0
GONORRHEA	(BOTH)	(ALL)	1,930	2,564	3,395	4,276	4,690	320.2	425.4	563.3	709.4	778.1
EARLY SYPHILIS	(BOTH)	(ALL)	925	1,006	1,103	1,040	1,326	153.5	166.9	183.0	172.5	220.0
Breakdown by RACE AND AGE, Age group is ADOLESCENT/YOUNG ADULT (15-25 YRS)												
Cases of	Gender	Race/ethnicity	Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	ASIAN/PI	280	274	308	389	430	762.5	746.2	838.8	1059.3	1171.0
		BLACK	488	497	470	482	479	6865.5	6992.1	6612.3	6781.1	6738.9
		HISPANIC	340	363	395	478	550	1490.7	1591.5	1731.8	2095.8	2411.4
		NATV AMER	9	8	20	9	8	2970.3	2640.3	6600.7	2970.3	2640.3
		WHITE	399	470	578	579	594	1008.7	1188.2	1461.3	1463.8	1501.7
GONORRHEA	(BOTH)	ASIAN/PI	53	54	99	108	110	144.3	147.1	269.6	294.1	299.6
		BLACK	130	207	177	190	240	1828.9	2912.2	2490.2	2673.0	3376.5
		HISPANIC	113	118	168	193	204	495.4	517.4	736.6	846.2	894.4
		NATV AMER	*	*	*	*	*	*	*	*	*	*
		WHITE	231	252	297	321	299	584.0	637.1	750.9	811.5	755.9
EARLY SYPHILIS	(BOTH)	ASIAN/PI	6	10	15	16	16	16.3	27.2	40.8	43.6	43.6
		BLACK	21	17	19	19	24	295.4	239.2	267.3	267.3	337.6
		HISPANIC	26	24	40	34	37	114.0	105.2	175.4	149.1	162.2
		NATV AMER	0	0	0	0	*	0.0	0.0	0.0	0.0	*
		WHITE	31	32	20	34	29	78.4	80.9	50.6	86.0	73.3
Breakdown by RACE AND AGE, Age group is ADULT (OVER 25 YRS)												
Cases of	Gender	Race/ethnicity	Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	(BOTH)	ASIAN/PI	435	560	599	676	827	217.6	280.1	299.6	338.1	413.6
		BLACK	284	342	336	392	451	844.1	1016.5	998.6	1165.1	1340.4
		HISPANIC	436	520	678	880	905	555.3	662.3	863.5	1120.8	1152.6
		NATV AMER	8	14	16	26	36	573.9	1004.3	1147.8	1865.1	2582.5
		WHITE	1,353	1,696	2,275	2,469	2,570	497.0	623.0	835.7	906.9	944.0
GONORRHEA	(BOTH)	ASIAN/PI	173	189	306	378	496	86.5	94.5	153.1	189.1	248.1
		BLACK	168	315	355	431	478	499.3	936.2	1055.1	1281.0	1420.7
		HISPANIC	291	432	537	672	792	370.6	550.2	683.9	855.9	1008.7
		NATV AMER	9	18	14	23	20	645.6	1291.2	1004.3	1649.9	1434.7
		WHITE	1,149	1,393	1,782	2,277	2,307	422.1	511.7	654.6	836.4	847.4
EARLY SYPHILIS	(BOTH)	ASIAN/PI	74	91	81	104	131	37.0	45.5	40.5	52.0	65.5
		BLACK	78	84	112	98	121	231.8	249.7	332.9	291.3	359.6
		HISPANIC	183	193	248	214	246	233.1	245.8	315.9	272.5	313.3
		NATV AMER	*	5	*	5	5	*	358.7	*	358.7	358.7
		WHITE	559	571	598	567	718	205.3	209.7	219.7	208.3	263.7

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Breakdown by SEX AND AGE, Age group is ADOLESCENT/YOUNG ADULT (15-25 YRS)

Cases of	Gender Race/ethnicity	Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	FEMALE (ALL)	1,267	1,262	1,340	1,446	1,639	2186.8	2178.2	2312.8	2495.8	2828.9
	MALE (ALL)	735	858	1,027	1,082	1,209	1346.5	1571.9	1881.5	1982.2	2214.9
GONORRHEA	FEMALE (ALL)	118	178	152	192	279	203.7	307.2	262.3	331.4	481.5
	MALE (ALL)	468	531	709	735	772	857.4	972.8	1298.9	1346.5	1414.3
EARLY SYPHILIS	FEMALE (ALL)	7	*	6	12	6	12.1	*	10.4	20.7	10.4
	MALE (ALL)	79	84	97	95	121	144.7	153.9	177.7	174.0	221.7

Breakdown by SEX AND AGE, Age group is ADULT (OVER 25 YRS)

Cases of	Gender Race/ethnicity	Reported cases					Incidence rate				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	FEMALE (ALL)	695	928	1,005	1,135	1,191	235.8	314.8	340.9	385.0	404.0
	MALE (ALL)	2,339	2,900	3,834	4,414	4,988	759.5	941.6	1244.9	1433.2	1619.6
GONORRHEA	FEMALE (ALL)	83	193	228	293	338	28.2	65.5	77.3	99.4	114.7
	MALE (ALL)	1,845	2,368	3,163	3,974	4,339	599.1	768.9	1027.0	1290.3	1408.9
EARLY SYPHILIS	FEMALE (ALL)	14	13	24	20	23	4.7	4.4	8.1	6.8	7.8
	MALE (ALL)	911	992	1,078	1,019	1,299	295.8	322.1	350.0	330.9	421.8

Breakdown by AGE, RACE, AND SEX, Age group is ADOLESCENT/YOUNG ADULT (15-25 YRS)

Cases of	Gender Race/ethnicity	Reported cases					Incidence rate					
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017	
CHLAMYDIA	FEMALE	ASIAN/PI	202	183	187	234	258	1074.2	973.2	994.5	1244.4	1372.0
		BLACK	317	324	284	289	300	8462.4	8649.2	7581.4	7714.9	8008.5
		HISPANIC	196	189	225	276	334	1831.1	1765.7	2102.0	2578.5	3120.3
		NATV AMER	7	5	12	7	6	4347.8	3105.6	7453.4	4347.8	3726.7
		WHITE	187	210	266	268	268	878.0	986.0	1248.9	1258.3	1258.3
	MALE	ASIAN/PI	77	91	121	155	172	429.8	507.9	675.3	865.1	960.0
		BLACK	171	173	186	193	179	5086.3	5145.7	5532.4	5740.6	5324.2
		HISPANIC	144	174	170	202	215	1189.7	1437.5	1404.5	1668.9	1776.3
		NATV AMER	*	*	8	*	*	*	*	5633.8	*	*
		WHITE	210	260	312	309	325	1150.2	1424.1	1708.9	1692.5	1780.1
GONORRHEA	FEMALE	ASIAN/PI	*	14	11	22	24	*	74.5	58.5	117.0	127.6
		BLACK	64	100	72	69	117	1708.5	2669.5	1922.1	1842.0	3123.3
		HISPANIC	11	17	12	32	46	102.8	158.8	112.1	299.0	429.7
		NATV AMER	*	0	*	*	*	*	0.0	*	*	*
		WHITE	24	30	21	37	47	112.7	140.9	98.6	173.7	220.7
	MALE	ASIAN/PI	51	40	88	86	86	284.6	223.3	491.2	480.0	480.0
		BLACK	66	107	105	121	123	1963.1	3182.6	3123.1	3599.0	3658.5
		HISPANIC	102	101	156	160	156	842.7	834.4	1288.8	1321.9	1288.8
		NATV AMER	*	*	*	0	*	*	*	*	0.0	*
		WHITE	206	222	275	281	250	1128.3	1216.0	1506.3	1539.1	1369.3
EARLY SYPHILIS	FEMALE	ASIAN/PI	0	0	*	*	0	0.0	0.0	*	*	0.0
		BLACK	*	*	*	*	0	*	*	*	*	0.0
		HISPANIC	*	0	0	*	*	*	0.0	0.0	*	*
		NATV AMER	0	0	0	0	*	0.0	0.0	0.0	0.0	*
		WHITE	*	*	*	*	*	*	*	*	*	*
	MALE	ASIAN/PI	6	10	12	13	16	33.5	55.8	67.0	72.6	89.3
		BLACK	17	14	17	16	24	505.7	416.4	505.7	475.9	713.9
		HISPANIC	25	23	40	32	36	206.5	190.0	330.5	264.4	297.4
		NATV AMER	0	0	0	0	*	0.0	0.0	0.0	0.0	*
		WHITE	29	31	19	31	27	158.8	169.8	104.1	169.8	147.9

Breakdown by AGE, RACE, AND SEX, Age group is ADULT (OVER 25 YRS)

Cases of	Gender	Race/ethnicity	Reported cases					Incidence rate				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	FEMALE	ASIAN/PI	166	227	211	223	251	151.2	206.8	192.2	203.2	228.7
		BLACK	74	109	86	97	120	461.4	679.7	536.3	604.9	748.3
		HISPANIC	97	103	113	182	146	266.7	283.2	310.7	500.4	401.4
		NATV AMER	*	5	7	7	8	*	846.0	1184.4	1184.4	1353.6
		WHITE	139	188	221	239	242	112.5	152.2	178.9	193.5	195.9
	MALE	ASIAN/PI	268	333	388	453	575	297.2	369.3	430.3	502.4	637.7
		BLACK	210	233	250	295	331	1192.6	1323.2	1419.7	1675.3	1879.7
		HISPANIC	339	417	564	697	758	804.4	989.4	1338.2	1653.8	1798.6
		NATV AMER	7	9	9	19	27	871.7	1120.8	1120.8	2366.1	3362.4
		WHITE	1,212	1,506	2,050	2,227	2,321	815.0	1012.8	1378.6	1497.6	1560.8
GONORRHEA	FEMALE	ASIAN/PI	*	16	23	24	46	*	14.6	21.0	21.9	41.9
		BLACK	16	60	51	70	62	99.8	374.1	318.0	436.5	386.6
		HISPANIC	11	19	29	33	48	30.2	52.2	79.7	90.7	132.0
		NATV AMER	*	*	*	5	7	*	*	*	846.0	1184.4
		WHITE	35	65	86	104	114	28.3	52.6	69.6	84.2	92.3
	MALE	ASIAN/PI	170	173	283	354	450	188.5	191.9	313.9	392.6	499.1
		BLACK	152	255	304	361	416	863.2	1448.1	1726.4	2050.1	2362.4
		HISPANIC	280	413	507	639	743	664.4	980.0	1203.0	1516.2	1763.0
		NATV AMER	8	17	11	17	13	996.3	2117.1	1369.9	2117.1	1618.9
		WHITE	1,113	1,326	1,695	2,170	2,187	748.5	891.7	1139.8	1459.3	1470.7
EARLY SYPHILIS	FEMALE	ASIAN/PI	*	*	*	*	5	*	*	*	*	4.6
		BLACK	6	5	*	6	5	37.4	31.2	*	37.4	31.2
		HISPANIC	*	*	7	*	*	*	*	19.2	*	*
		NATV AMER	0	0	0	*	*	0.0	0.0	0.0	*	*
		WHITE	5	*	7	7	8	4.0	*	5.7	5.7	6.5
	MALE	ASIAN/PI	73	90	78	102	126	81.0	99.8	86.5	113.1	139.7
		BLACK	72	79	108	92	116	408.9	448.6	613.3	522.5	658.8
		HISPANIC	181	190	241	212	244	429.5	450.8	571.8	503.0	579.0
		NATV AMER	*	5	*	*	*	*	622.7	*	*	*
		WHITE	554	566	590	560	708	372.6	380.6	396.8	376.6	476.1

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

Table 40. Adolescent/Young Adult vs Adult cases and rates by reporting source, 2013-2017. Unknown and out-of-jurisdiction providers included in percentages but not listed.

Age is ADOLESCENT/YOUNG ADULT (15-25 YRS)		Reported cases					Percent of reports				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	All	2,000	2,102	2,357	2,517	2,818	100%	100%	100%	100%	100%
	OOJ PROVIDERS	176	184	259	266	335	8.8%	8.7%	10.9%	10.5%	11.8%
	CITY CLINIC	241	218	215	234	202	12.0%	10.3%	9.1%	9.2%	7.1%
	SFHN CLINICS (SFDPH)	300	282	267	276	298	15.0%	13.4%	11.3%	10.9%	10.5%
	JAIL HEALTH (SFDPH)	83	82	75	97	79	4.1%	3.9%	3.1%	3.8%	2.8%
	SFDPH OUTREACH	2	2	3	1	1	0.1%	0.0%	0.1%	0.0%	0.0%
	CC/CBO	283	343	319	411	429	14.1%	16.3%	13.5%	16.3%	15.2%
	HOSPITALS	429	495	606	627	732	21.4%	23.5%	25.7%	24.9%	25.9%
	MAGNET	124	134	198	187	180	6.2%	6.3%	8.4%	7.4%	6.3%
	RESEARCH	4	5	0	4	7	0.2%	0.2%	0.0%	0.1%	0.2%
	STUDENT HEALTH	120	89	86	85	154	6.0%	4.2%	3.6%	3.3%	5.4%
	ONLINE	0	0	0	0	21	0.0%	0.0%	0.0%	0.0%	0.7%
	PRIVATE - ADULT	21	38	49	47	33	1.0%	1.8%	2.0%	1.8%	1.1%
	PRIVATE - FAMILY MEDICINE	21	14	13	13	19	1.0%	0.6%	0.5%	0.5%	0.6%
	PRIVATE - MULTI-SPECIALTY	31	53	109	107	125	1.5%	2.5%	4.6%	4.2%	4.4%
	PRIVATE - OB/GYN	57	54	41	51	44	2.8%	2.5%	1.7%	2.0%	1.5%
	PRIVATE - PEDIATRICS	5	4	8	4	2	0.2%	0.1%	0.3%	0.1%	0.0%
	PRIVATE - URGENT CARE	13	21	43	54	102	0.6%	0.9%	1.8%	2.1%	3.6%
	SFAF PROGRAMS	0	0	1	2	8	0.0%	0.0%	0.0%	0.0%	0.2%
	SUBSTANCE USE TREATMENT	0	5	5	3	4	0.0%	0.2%	0.2%	0.1%	0.1%
PMD	90	79	60	48	43	4.5%	3.7%	2.5%	1.9%	1.5%	
GONORRHEA	All	585	708	857	925	1,044	100%	100%	100%	100%	100%
	OOJ PROVIDERS	18	38	39	54	87	3.0%	5.3%	4.5%	5.8%	8.3%
	CITY CLINIC	136	134	145	164	150	23.2%	18.9%	16.9%	17.7%	14.3%
	SFHN CLINICS (SFDPH)	64	90	81	101	111	10.9%	12.7%	9.4%	10.9%	10.6%
	JAIL HEALTH (SFDPH)	13	30	24	18	27	2.2%	4.2%	2.8%	1.9%	2.5%
	SFDPH OUTREACH	8	4	1	3	2	1.3%	0.5%	0.1%	0.3%	0.1%
	CC/CBO	26	41	58	78	113	4.4%	5.7%	6.7%	8.4%	10.8%
	HOSPITALS	89	135	176	212	220	15.2%	19.0%	20.5%	22.9%	21.0%
	MAGNET	166	163	221	174	165	28.3%	23.0%	25.7%	18.8%	15.8%
	RESEARCH	3	5	0	1	5	0.5%	0.7%	0.0%	0.1%	0.4%
	STUDENT HEALTH	16	8	9	9	22	2.7%	1.1%	1.0%	0.9%	2.1%
	ONLINE	0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.3%
	PRIVATE - ADULT	11	8	14	21	11	1.8%	1.1%	1.6%	2.2%	1.0%
	PRIVATE - FAMILY MEDICINE	1	1	3	4	3	0.1%	0.1%	0.3%	0.4%	0.2%
	PRIVATE - MULTI-SPECIALTY	9	21	48	47	77	1.5%	2.9%	5.6%	5.0%	7.3%
	PRIVATE - OB/GYN	4	7	2	5	4	0.6%	0.9%	0.2%	0.5%	0.3%
	PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - URGENT CARE	9	9	17	16	32	1.5%	1.2%	1.9%	1.7%	3.0%
	SFAF PROGRAMS	0	0	0	0	4	0.0%	0.0%	0.0%	0.0%	0.3%
	SUBSTANCE USE TREATMENT	1	0	3	2	0	0.1%	0.0%	0.3%	0.2%	0.0%
PMD	11	14	16	16	7	1.8%	1.9%	1.8%	1.7%	0.6%	

Age is ADOLESCENT/YOUNG ADULT (15-25 YRS)

		Reported cases					Percent of reports				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
EARLY SYPHI- LIS	All	86	87	102	106	125	100%	100%	100%	100%	100%
	OOJ PROVIDERS	3	6	7	5	9	3.4%	6.8%	6.8%	4.7%	7.2%
	CITY CLINIC	30	16	25	20	26	34.8%	18.3%	24.5%	18.8%	20.8%
	SFHN CLINICS (SFDPH)	12	15	3	16	18	13.9%	17.2%	2.9%	15.0%	14.4%
	JAIL HEALTH (SFDPH)	0	2	2	1	1	0.0%	2.2%	1.9%	0.9%	0.8%
	SFDPH OUTREACH	0	2	1	0	0	0.0%	2.2%	0.9%	0.0%	0.0%
	CC/CBO	0	3	9	16	5	0.0%	3.4%	8.8%	15.0%	4.0%
	HOSPITALS	13	16	16	18	27	15.1%	18.3%	15.6%	16.9%	21.6%
	MAGNET	22	19	23	16	21	25.5%	21.8%	22.5%	15.0%	16.8%
	RESEARCH	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	STUDENT HEALTH	0	1	2	0	0	0.0%	1.1%	1.9%	0.0%	0.0%
	ONLINE	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - ADULT	1	3	7	3	4	1.1%	3.4%	6.8%	2.8%	3.2%
	PRIVATE - FAMILY MEDICINE	1	0	0	0	0	1.1%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - MULTI-SPECIALTY	1	2	3	4	11	1.1%	2.2%	2.9%	3.7%	8.8%
	PRIVATE - OB/GYN	0	0	0	1	1	0.0%	0.0%	0.0%	0.9%	0.8%
	PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - URGENT CARE	0	0	2	3	2	0.0%	0.0%	1.9%	2.8%	1.6%
	SFAF PROGRAMS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	SUBSTANCE USE TREATMENT	2	0	0	2	0	2.3%	0.0%	0.0%	1.8%	0.0%
	PMD	1	2	2	1	0	1.1%	2.2%	1.9%	0.9%	0.0%

Age is ADULT (OVER 25 YRS)

		Reported cases					Percent of reports				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
CHLAMYDIA	All	3,033	3,826	4,841	5,547	6,129	100%	100%	100%	100%	100%
	OOJ PROVIDERS	211	254	369	479	553	6.9%	6.6%	7.6%	8.6%	9.0%
	CITY CLINIC	594	571	671	692	697	19.5%	14.9%	13.8%	12.4%	11.3%
	SFHN CLINICS (SFDPH)	185	200	231	237	262	6.0%	5.2%	4.7%	4.2%	4.2%
	JAIL HEALTH (SFDPH)	54	66	64	70	70	1.7%	1.7%	1.3%	1.2%	1.1%
	SFDPH OUTREACH	33	28	21	24	3	1.0%	0.7%	0.4%	0.4%	0.0%
	CC/CBO	242	298	365	422	394	7.9%	7.7%	7.5%	7.6%	6.4%
	HOSPITALS	556	912	1,293	1,518	1,662	18.3%	23.8%	26.7%	27.3%	27.1%
	MAGNET	656	802	855	832	904	21.6%	20.9%	17.6%	14.9%	14.7%
	RESEARCH	19	24	4	14	19	0.6%	0.6%	0.0%	0.2%	0.3%
	STUDENT HEALTH	14	10	15	9	11	0.4%	0.2%	0.3%	0.1%	0.1%
	ONLINE	0	0	0	0	36	0.0%	0.0%	0.0%	0.0%	0.5%
	PRIVATE - ADULT	113	117	161	178	206	3.7%	3.0%	3.3%	3.2%	3.3%
	PRIVATE - FAMILY MEDICINE	30	24	13	27	24	0.9%	0.6%	0.2%	0.4%	0.3%
	PRIVATE - MULTI-SPECIALTY	87	201	433	641	795	2.8%	5.2%	8.9%	11.5%	12.9%
	PRIVATE - OB/GYN	59	65	80	68	83	1.9%	1.6%	1.6%	1.2%	1.3%
	PRIVATE - PEDIATRICS	3	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - URGENT CARE	28	33	51	99	199	0.9%	0.8%	1.0%	1.7%	3.2%
	SFAF PROGRAMS	1	0	2	6	14	0.0%	0.0%	0.0%	0.1%	0.2%
	SUBSTANCE USE TREATMENT	5	13	15	24	0	0.1%	0.3%	0.3%	0.4%	0.0%
	PMD	143	208	198	207	197	4.7%	5.4%	4.0%	3.7%	3.2%

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Age is ADULT (OVER 25 YRS)

		Reported cases					Percent of reports				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
GONORRHEA	All	1,930	2,564	3,395	4,271	4,669	100%	100%	100%	100%	100%
	OOJ PROVIDERS	52	88	130	240	280	2.6%	3.4%	3.8%	5.6%	5.9%
	CITY CLINIC	482	576	645	758	800	24.9%	22.4%	18.9%	17.7%	17.1%
	SFHN CLINICS (SFDPH)	139	162	163	230	283	7.2%	6.3%	4.8%	5.3%	6.0%
	JAIL HEALTH (SFDPH)	14	50	55	55	54	0.7%	1.9%	1.6%	1.2%	1.1%
	SFDPH OUTREACH	30	19	24	23	4	1.5%	0.7%	0.7%	0.5%	0.0%
	CC/CBO	53	69	162	160	195	2.7%	2.6%	4.7%	3.7%	4.1%
	HOSPITALS	283	527	808	1,112	1,171	14.6%	20.5%	23.7%	26.0%	25.0%
	MAGNET	644	742	871	867	921	33.3%	28.9%	25.6%	20.2%	19.7%
	RESEARCH	9	14	12	5	15	0.4%	0.5%	0.3%	0.1%	0.3%
	STUDENT HEALTH	3	0	2	3	3	0.1%	0.0%	0.0%	0.0%	0.0%
	ONLINE	0	0	0	2	9	0.0%	0.0%	0.0%	0.0%	0.1%
	PRIVATE - ADULT	78	72	80	145	181	4.0%	2.8%	2.3%	3.3%	3.8%
	PRIVATE - FAMILY MEDICINE	16	16	5	10	9	0.8%	0.6%	0.1%	0.2%	0.1%
	PRIVATE - MULTI-SPECIALTY	47	113	280	443	504	2.4%	4.4%	8.2%	10.3%	10.7%
	PRIVATE - OB/GYN	1	5	8	14	10	0.0%	0.1%	0.2%	0.3%	0.2%
	PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - URGENT CARE	18	21	40	63	90	0.9%	0.8%	1.1%	1.4%	1.9%
	SFAF PROGRAMS	3	1	1	2	12	0.1%	0.0%	0.0%	0.0%	0.2%
	SUBSTANCE USE TREATMENT	3	6	14	21	1	0.1%	0.2%	0.4%	0.4%	0.0%
PMD	55	83	95	118	127	2.8%	3.2%	2.7%	2.7%	2.7%	
EARLY SYPHI-LIS	All	925	1,006	1,101	1,038	1,320	100%	100%	100%	100%	100%
	OOJ PROVIDERS	23	43	37	41	62	2.4%	4.2%	3.3%	3.9%	4.6%
	CITY CLINIC	171	196	225	174	261	18.4%	19.4%	20.4%	16.7%	19.7%
	SFHN CLINICS (SFDPH)	155	146	155	109	133	16.7%	14.5%	14.0%	10.5%	10.0%
	JAIL HEALTH (SFDPH)	4	3	8	12	9	0.4%	0.2%	0.7%	1.1%	0.6%
	SFDPH OUTREACH	5	2	3	2	0	0.5%	0.1%	0.2%	0.1%	0.0%
	CC/CBO	30	62	25	42	51	3.2%	6.1%	2.2%	4.0%	3.8%
	HOSPITALS	178	184	262	275	308	19.2%	18.2%	23.7%	26.4%	23.3%
	MAGNET	184	178	207	151	211	19.8%	17.6%	18.8%	14.5%	15.9%
	RESEARCH	5	2	3	1	1	0.5%	0.1%	0.2%	0.0%	0.0%
	STUDENT HEALTH	1	0	0	1	1	0.1%	0.0%	0.0%	0.0%	0.0%
	ONLINE	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - ADULT	59	100	67	62	82	6.3%	9.9%	6.0%	5.9%	6.2%
	PRIVATE - FAMILY MEDICINE	8	10	2	5	10	0.8%	0.9%	0.1%	0.4%	0.7%
	PRIVATE - MULTI-SPECIALTY	13	28	28	67	109	1.4%	2.7%	2.5%	6.4%	8.2%
	PRIVATE - OB/GYN	0	0	0	2	4	0.0%	0.0%	0.0%	0.1%	0.3%
	PRIVATE - PEDIATRICS	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
	PRIVATE - URGENT CARE	0	2	2	7	13	0.0%	0.1%	0.1%	0.6%	0.9%
	SFAF PROGRAMS	1	0	0	3	5	0.1%	0.0%	0.0%	0.2%	0.3%
	SUBSTANCE USE TREATMENT	2	5	14	10	2	0.2%	0.4%	1.2%	0.9%	0.1%
PMD	86	45	63	74	58	9.2%	4.4%	5.7%	7.1%	4.3%	

Appendix II. Demographic Breakdowns for City Clinic

Table 41. City Clinic visits and unduplicated patient counts by all demographic combinations, 2013-2017.

Breakdown by (NONE)

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(ALL PATIENTS)	(ALL)	(ALL)	10,980	10,885	10,581	9,787	9,189	18,902	17,875	18,524	17,662	17,107

Breakdown by AGE

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(ALL PATIENTS)	(ALL)	UNDER 20 YRS	274	235	196	204	191	390	333	295	337	307
		20-24 YRS	1,736	1,699	1,631	1,417	1,190	2,853	2,680	2,818	2,469	2,121
		25-29 YRS	2,646	2,708	2,566	2,454	2,218	4,438	4,392	4,556	4,470	4,229
		30-34 YRS	1,883	1,903	1,874	1,726	1,680	3,363	3,203	3,416	3,231	3,209
		35-39 YRS	1,299	1,260	1,276	1,167	1,166	2,282	2,086	2,242	2,207	2,153
		40-44 YRS	1,064	1,025	885	849	813	1,949	1,683	1,519	1,512	1,484
		45-54 YRS	1,462	1,430	1,505	1,300	1,253	2,598	2,484	2,610	2,284	2,353
		55-64 YRS	611	622	647	667	677	1,024	1,011	1,067	1,149	1,250

Breakdown by RACE

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(ALL PATIENTS)	ASIAN/PI	(ALL)	1,491	1,582	1,562	1,511	1,510	2,552	2,508	2,787	2,692	2,748
	BLACK	(ALL)	1,821	1,665	1,616	1,547	1,497	2,990	2,832	2,962	2,811	2,789
	HISPANIC	(ALL)	2,066	1,999	2,067	2,005	1,956	3,880	3,697	4,046	4,089	4,159
	NATV AMER	(ALL)	54	52	57	51	53	97	96	86	109	102
	MISSING	(ALL)	163	142	138	136	177	233	220	223	233	297
	WHITE	(ALL)	5,385	5,445	5,141	4,537	3,996	9,150	8,522	8,420	7,728	7,012

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Breakdown by RACE AND AGE

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
(ALL PATIENTS)	ASIAN/PI	UNDER 20 YRS	48	47	40	23	34	76	63	55	30	49
		20-24 YRS	242	282	312	298	260	389	453	592	506	445
		25-29 YRS	449	451	450	429	436	718	675	814	829	835
		30-34 YRS	253	314	285	278	312	468	496	524	501	553
		35-39 YRS	190	194	163	177	176	343	320	292	326	321
		40-44 YRS	129	125	115	127	119	250	186	183	201	209
		45-54 YRS	141	123	160	131	133	252	243	275	215	245
	BLACK	UNDER 20 YRS	90	73	42	75	55	139	112	68	117	93
		20-24 YRS	376	334	293	252	182	696	615	540	456	335
		25-29 YRS	372	336	363	345	359	625	633	719	693	676
		30-34 YRS	251	240	234	233	243	408	418	468	450	514
		35-39 YRS	186	165	191	169	184	293	260	324	329	340
		40-44 YRS	165	153	107	123	116	256	237	196	205	198
		45-54 YRS	267	249	252	231	232	423	389	433	367	450
	HISPANIC	UNDER 20 YRS	69	47	63	47	49	95	69	93	80	92
		20-24 YRS	330	316	311	293	257	570	536	568	567	550
		25-29 YRS	479	472	486	491	460	901	869	979	979	981
		30-34 YRS	390	382	395	371	376	788	768	856	851	854
		35-39 YRS	285	259	286	283	280	546	503	571	574	608
		40-44 YRS	198	189	189	199	212	400	345	372	431	446
		45-54 YRS	242	253	260	240	230	441	477	490	474	455
	NATIV AMER	UNDER 20 YRS	0	0	*	0	0	0	0	*	0	0
		20-24 YRS	8	8	5	*	7	14	11	7	*	9
		25-29 YRS	18	13	11	15	10	42	25	12	28	28
		30-34 YRS	5	7	8	9	11	6	14	12	16	16
		35-39 YRS	5	6	8	6	*	8	11	9	16	5
		40-44 YRS	9	8	9	10	9	11	20	26	26	24
		45-54 YRS	9	9	9	*	7	16	14	11	6	10
	MISSING	UNDER 20 YRS	*	*	*	*	6	*	*	*	*	8
		20-24 YRS	28	19	21	23	30	33	32	42	42	43
		25-29 YRS	65	49	41	40	51	96	79	70	84	85
		30-34 YRS	26	23	27	26	36	37	30	35	35	66
		35-39 YRS	22	19	21	17	22	36	33	41	24	36
		40-44 YRS	7	12	12	14	14	8	18	13	26	24
		45-54 YRS	8	12	12	7	14	16	20	16	13	29
	WHITE	UNDER 20 YRS	65	66	48	56	47	78	87	76	107	65
		20-24 YRS	752	740	689	548	454	1,151	1,033	1,069	894	739
		25-29 YRS	1,263	1,387	1,215	1,134	902	2,056	2,111	1,962	1,857	1,624
		30-34 YRS	958	937	925	809	702	1,656	1,477	1,521	1,378	1,206
		35-39 YRS	611	617	607	515	500	1,056	959	1,005	938	843
		40-44 YRS	556	538	453	376	343	1,024	877	729	623	583
		45-54 YRS	795	784	812	687	637	1,450	1,341	1,385	1,209	1,164
	55-64 YRS	383	376	391	411	410	677	637	672	721	787	

Breakdown by SEX

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE	(ALL)	(ALL)	2,616	2,511	2,449	1,971	1,826	4,061	3,911	3,848	3,152	2,974
TRANS FEMALE	(ALL)	(ALL)	60	62	75	71	83	130	151	194	196	187
MALE	(ALL)	(ALL)	8,272	8,282	8,026	7,711	7,240	14,638	13,752	14,439	14,256	13,870
TRANS MALE	(ALL)	(ALL)	20	25	20	20	25	32	55	30	34	40
TRANSGENDER	(ALL)	(ALL)	*	*	6	8	12	26	*	8	15	30
OTHER	(ALL)	(ALL)	0	0	*	*	*	0	0	*	*	*
REFUSED	(ALL)	(ALL)	0	0	0	0	*	0	0	0	0	*
UNKNOWN	(ALL)	(ALL)	8	*	*	5	*	15	*	*	6	*

Breakdown by SEX AND AGE

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE	(ALL)	UNDER 20 YRS	163	128	109	93	104	248	188	168	149	153
		20-24 YRS	661	647	621	470	399	1,045	1,008	971	738	650
		25-29 YRS	740	702	695	596	527	1,147	1,107	1,092	972	888
		30-34 YRS	439	402	405	334	315	719	648	646	522	507
		35-39 YRS	215	229	244	188	196	304	331	388	331	314
		40-44 YRS	156	161	140	121	121	256	252	217	172	185
		45-54 YRS	185	178	179	117	109	269	280	269	182	180
		55-64 YRS	56	64	56	52	55	72	97	97	86	97
TRANS FEMALE	(ALL)	UNDER 20 YRS	*	*	0	0	*	*	*	0	0	*
		20-24 YRS	6	8	11	11	*	17	20	27	23	5
		25-29 YRS	14	15	12	14	20	30	34	25	41	51
		30-34 YRS	13	11	12	11	6	30	23	20	24	10
		35-39 YRS	10	8	19	13	19	19	24	60	32	30
		40-44 YRS	5	9	7	10	16	11	21	32	42	36
		45-54 YRS	8	10	12	10	18	18	28	27	32	52
		55-64 YRS	*	0	*	*	0	*	0	*	*	0
MALE	(ALL)	UNDER 20 YRS	107	106	87	111	86	138	144	127	188	151
		20-24 YRS	1,062	1,039	995	929	785	1,754	1,641	1,815	1,694	1,462
		25-29 YRS	1,886	1,983	1,850	1,833	1,653	3,253	3,239	3,429	3,444	3,262
		30-34 YRS	1,426	1,481	1,452	1,377	1,352	2,609	2,513	2,738	2,678	2,674
		35-39 YRS	1,068	1,021	1,008	961	942	1,953	1,724	1,787	1,833	1,794
		40-44 YRS	899	850	736	715	676	1,670	1,400	1,268	1,293	1,263
		45-54 YRS	1,267	1,241	1,310	1,171	1,124	2,308	2,174	2,309	2,066	2,112
		55-64 YRS	554	558	587	611	621	950	914	965	1,057	1,151
TRANS MALE	(ALL)	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	7	*	*	*	*	17	9	*	6	*
		25-29 YRS	*	8	6	7	13	5	12	7	8	16
		30-34 YRS	*	8	5	*	*	17	12	6	9	
		35-39 YRS	5	*	*	*	5	5	7	5	6	7
		40-44 YRS	*	*	*	*	0	*	8	*	*	0
		45-54 YRS	0	*	*	*	*	0	*	*	*	7
		55-64 YRS	0	0	*	0	0	0	0	*	0	0
TRANSGENDER	(ALL)	UNDER 20 YRS	*	0	0	0	0	*	0	0	0	0
		20-24 YRS	*	*	*	*	*	20	*	*	6	*
		25-29 YRS	*	0	*	*	5	*	0	*	*	12
		30-34 YRS	0	0	0	0	*	0	0	0	0	9
		35-39 YRS	0	0	*	*	*	0	0	*	*	6
		40-44 YRS	*	*	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

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Breakdown by SEX AND AGE

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
OTHER	(ALL)	UNDER 20 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	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	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	*	*	*		
REFUSED	(ALL)	UNDER 20 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	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	*
55-64 YRS	0	0	0	0	0	0	0	0	0	0		
UNKNOWN	(ALL)	UNDER 20 YRS	0	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	*	*	0
		30-34 YRS	*	*	0	*	0	*	*	0	*	0
		35-39 YRS	*	0	*	*	*	*	0	*	*	*
		40-44 YRS	*	*	0	*	0	9	*	0	*	0
		45-54 YRS	*	0	*	0	0	*	0	*	0	0
55-64 YRS	0	0	0	0	0	0	0	0	0	0		

Breakdown by RACE AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Gender	Ethnicity	Age group										
FEMALE	ASIAN/PI	(ALL)	450	485	497	398	404	720	733	779	599	606
	BLACK	(ALL)	621	573	523	431	414	1,066	1,018	954	794	750
	HISPANIC	(ALL)	445	353	385	323	317	696	619	631	509	561
	NATV AMER	(ALL)	19	17	15	22	18	26	24	16	41	21
	MISSING	(ALL)	55	41	42	31	41	80	55	64	39	63
	WHITE	(ALL)	1,026	1,042	987	766	632	1,473	1,462	1,404	1,170	973
TRANS FEMALE	ASIAN/PI	(ALL)	12	10	12	13	17	20	21	38	34	32
	BLACK	(ALL)	8	7	11	6	13	17	14	25	8	22
	HISPANIC	(ALL)	25	26	31	31	35	62	70	82	97	79
	NATV AMER	(ALL)	0	*	*	*	*	0	9	16	10	10
	MISSING	(ALL)	0	*	*	*	*	0	*	*	*	*
	WHITE	(ALL)	15	17	18	18	15	31	36	32	43	42
MALE	ASIAN/PI	(ALL)	1,026	1,084	1,050	1,096	1,083	1,806	1,743	1,967	2,054	2,103
	BLACK	(ALL)	1,190	1,082	1,080	1,104	1,062	1,905	1,791	1,981	2,000	2,006
	HISPANIC	(ALL)	1,593	1,619	1,646	1,649	1,601	3,118	3,007	3,327	3,478	3,516
	NATV AMER	(ALL)	34	34	40	25	31	70	63	54	52	59
	MISSING	(ALL)	104	99	90	100	134	149	163	152	187	230
	WHITE	(ALL)	4,325	4,364	4,120	3,737	3,329	7,590	6,985	6,958	6,485	5,956
TRANS MALE	ASIAN/PI	(ALL)	*	*	*	*	5	*	11	*	*	6
	BLACK	(ALL)	*	*	*	*	6	*	8	*	6	9
	HISPANIC	(ALL)	*	*	*	*	0	*	*	*	*	0
	NATV AMER	(ALL)	*	0	0	*	*	*	0	0	*	*
	MISSING	(ALL)	0	*	*	*	*	0	*	*	*	*
	WHITE	(ALL)	14	18	11	9	12	24	34	20	15	19

Breakdown by RACE AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
TRANSGENDER	ASIAN/PI	(ALL)	*	0	0	0	*	*	0	0	0	*
	BLACK	(ALL)	0	*	*	*	*	0	*	*	*	*
	HISPANIC	(ALL)	*	0	*	0	*	*	0	*	0	*
	NATV AMER	(ALL)	0	0	0	*	*	0	0	0	*	8
	WHITE	(ALL)	*	*	*	*	6	22	*	5	10	17
OTHER	WHITE	(ALL)	0	0	*	*	*	0	0	*	*	*
REFUSED	WHITE	(ALL)	0	0	0	0	*	0	0	0	0	*
UNKNOWN	ASIAN/PI	(ALL)	0	0	0	*	0	0	0	0	*	0
	BLACK	(ALL)	*	0	0	0	0	*	0	0	0	0
	HISPANIC	(ALL)	0	0	*	*	*	0	0	*	*	*
	MISSING	(ALL)	*	0	*	*	0	*	0	*	*	0
	WHITE	(ALL)	*	*	0	*	0	10	*	0	*	0

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Breakdown by AGE, RACE, AND SEX

Gender	Ethnicity	Age group	Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
FEMALE	ASIAN/PI	UNDER 20 YRS	29	32	27	13	17	50	46	37	15	24
		20-24 YRS	100	126	134	111	97	146	171	201	157	138
		25-29 YRS	160	142	154	136	135	246	213	234	213	210
		30-34 YRS	75	92	94	74	77	137	146	173	111	123
		35-39 YRS	30	39	39	36	41	40	63	60	57	54
		40-44 YRS	30	29	23	12	19	67	43	33	17	26
		45-54 YRS	24	20	21	10	12	32	43	35	16	19
	55-64 YRS	*	5	5	6	6	*	8	6	13	12	
	BLACK	UNDER 20 YRS	67	44	28	40	37	111	71	50	68	59
		20-24 YRS	200	171	148	111	79	375	350	283	215	169
		25-29 YRS	136	125	123	110	111	248	256	239	234	208
		30-34 YRS	73	72	63	56	67	120	113	125	92	111
		35-39 YRS	40	52	49	37	44	52	69	84	63	80
		40-44 YRS	38	36	31	23	26	62	63	49	33	42
		45-54 YRS	48	53	57	43	37	78	72	85	69	56
	55-64 YRS	19	20	24	11	13	20	24	39	20	25	
	HISPANIC	UNDER 20 YRS	36	19	29	17	21	51	26	43	23	32
		20-24 YRS	106	93	95	79	65	173	158	155	119	124
		25-29 YRS	117	93	107	87	78	184	170	168	137	148
		30-34 YRS	92	56	57	53	61	149	106	93	90	114
		35-39 YRS	35	34	41	35	35	54	62	73	67	54
		40-44 YRS	21	23	26	27	33	36	44	49	42	55
		45-54 YRS	31	24	28	19	15	42	40	47	25	22
	55-64 YRS	7	11	*	6	9	7	13	*	6	12	
	NATV AMER	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	*	*	*	*	*	7	6	*	*	*
		25-29 YRS	5	5	*	6	*	6	5	*	14	*
		30-34 YRS	*	*	*	*	5	*	*	*	6	5
		35-39 YRS	*	*	*	*	*	5	5	5	*	*
		40-44 YRS	*	*	*	5	*	*	*	*	12	*
		45-54 YRS	*	*	*	0	*	*	*	*	0	*
	55-64 YRS	0	0	0	*	*	0	0	0	*	*	
	MISSING	UNDER 20 YRS	*	*	*	*	*	*	*	*	*	5
		20-24 YRS	10	10	8	6	11	11	14	15	8	16
		25-29 YRS	27	12	11	9	7	34	18	15	13	8
		30-34 YRS	9	6	8	5	7	18	7	10	5	8
		35-39 YRS	5	6	7	5	5	6	8	14	6	7
		40-44 YRS	*	*	*	*	*	*	*	*	5	*
		45-54 YRS	*	0	*	*	*	8	0	6	*	15
	55-64 YRS	0	*	0	0	0	0	*	0	0	0	
	WHITE	UNDER 20 YRS	30	31	24	22	26	35	43	37	42	33
		20-24 YRS	241	243	235	160	143	333	309	316	235	199
25-29 YRS		295	325	297	248	193	429	445	433	361	310	
30-34 YRS		188	175	182	142	98	292	275	244	218	146	
35-39 YRS		102	96	104	73	70	147	124	152	136	117	
40-44 YRS		64	68	54	50	37	87	95	80	63	55	
45-54 YRS		77	78	66	44	39	106	121	93	71	66	
55-64 YRS	28	26	25	27	26	43	50	49	44	47		

Breakdown by AGE, RACE, AND SEX

		Total patients					Clinic visits				
		2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
TRANS FEMALE ASIAN/PI	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0
	20-24 YRS	*	*	*	*	0	*	*	5	*	0
	25-29 YRS	*	*	*	*	*	*	*	*	*	8
	30-34 YRS	*	*	*	*	*	6	*	9	8	*
	35-39 YRS	*	*	*	*	*	*	9	15	6	7
	40-44 YRS	0	0	*	*	*	0	0	*	8	6
	45-54 YRS	*	*	*	*	5	7	*	6	6	10
BLACK	UNDER 20 YRS	*	0	0	0	0	*	0	0	0	0
	20-24 YRS	*	*	5	*	0	6	8	13	6	0
	25-29 YRS	*	*	*	0	6	*	*	5	0	8
	30-34 YRS	*	0	*	*	*	*	0	*	*	5
	35-39 YRS	0	0	*	*	*	0	0	*	*	*
	40-44 YRS	*	*	0	0	0	*	*	0	0	0
	45-54 YRS	0	0	*	0	*	0	0	5	0	5
HISPANIC	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0
	20-24 YRS	*	0	*	*	*	*	0	*	5	*
	25-29 YRS	*	5	*	5	*	14	15	9	15	5
	30-34 YRS	7	5	6	5	*	21	15	8	12	*
	35-39 YRS	8	6	14	7	11	16	15	41	22	18
	40-44 YRS	*	5	*	7	10	*	8	13	24	18
	45-54 YRS	*	5	*	5	8	6	17	10	19	31
NATV AMER	UNDER 20 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	*
	30-34 YRS	0	0	0	0	0	0	0	0	0	0
	35-39 YRS	0	0	0	0	0	0	0	0	0	0
	40-44 YRS	0	*	*	*	*	0	9	15	10	9
	45-54 YRS	0	0	0	0	0	0	0	0	0	0
MISSING	UNDER 20 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	*	*
	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
	45-54 YRS	0	0	0	0	0	0	0	0	0	0
WHITE	UNDER 20 YRS	*	*	0	0	*	*	*	0	0	*
	20-24 YRS	*	*	*	*	*	8	10	8	9	*
	25-29 YRS	*	5	*	5	6	8	12	9	20	27
	30-34 YRS	*	*	*	*	*	*	5	*	*	*
	35-39 YRS	*	0	*	*	*	*	0	*	*	*
	40-44 YRS	*	*	*	0	*	*	*	*	0	*
	45-54 YRS	*	*	5	*	*	5	7	6	7	6
55-64 YRS	*	0	*	*	0	*	0	*	*	0	

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Breakdown by AGE, RACE, AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
MALE	ASIAN/PI	UNDER 20 YRS	19	15	13	10	17	26	17	18	15	25
		20-24 YRS	140	154	176	184	163	239	273	386	343	307
		25-29 YRS	285	306	294	289	293	468	458	578	612	612
		30-34 YRS	175	218	187	200	233	325	344	341	381	428
		35-39 YRS	158	153	120	138	130	300	248	216	263	259
		40-44 YRS	99	96	91	113	97	183	143	148	176	177
		45-54 YRS	113	101	137	120	116	211	196	234	193	216
		55-64 YRS	35	39	32	40	34	52	62	46	69	79
	BLACK	UNDER 20 YRS	21	29	14	35	18	26	41	18	49	34
		20-24 YRS	174	160	139	136	101	315	257	243	234	164
		25-29 YRS	233	208	237	231	237	372	373	474	454	454
		30-34 YRS	177	167	170	176	173	287	303	342	357	395
		35-39 YRS	145	112	141	130	137	240	185	239	262	256
		40-44 YRS	126	115	76	100	90	190	171	147	172	156
		45-54 YRS	219	196	193	188	193	345	317	343	298	389
		55-64 YRS	95	95	110	108	113	130	144	175	174	158
	HISPANIC	UNDER 20 YRS	33	28	34	30	28	44	43	50	57	60
		20-24 YRS	223	223	215	211	190	395	378	412	441	422
		25-29 YRS	358	374	375	399	379	703	684	802	827	827
		30-34 YRS	290	321	331	313	313	617	647	754	749	737
		35-39 YRS	241	219	230	241	232	475	426	456	485	534
		40-44 YRS	174	160	159	164	169	359	292	309	362	373
		45-54 YRS	208	224	227	216	207	393	420	430	430	402
		55-64 YRS	66	70	75	75	83	132	117	114	127	161
	NATV AMER	UNDER 20 YRS	0	0	*	0	0	0	0	*	0	0
		20-24 YRS	*	*	*	0	*	7	5	6	0	5
		25-29 YRS	13	8	7	8	5	36	20	8	12	15
		30-34 YRS	*	6	7	5	6	*	13	11	10	11
		35-39 YRS	*	*	*	*	*	*	6	*	14	*
		40-44 YRS	6	5	5	*	6	8	8	8	*	12
		45-54 YRS	6	6	6	*	*	13	10	8	*	*
		55-64 YRS	0	*	6	*	*	0	*	8	10	9
	MISSING	UNDER 20 YRS	*	0	*	*	*	*	0	*	*	*
		20-24 YRS	18	8	13	17	19	22	17	27	34	27
		25-29 YRS	37	37	26	28	43	61	61	51	66	75
		30-34 YRS	17	17	19	21	29	19	23	25	30	58
		35-39 YRS	16	13	13	11	16	29	25	25	17	27
		40-44 YRS	5	8	8	9	10	5	13	9	20	20
		45-54 YRS	6	12	8	6	10	8	20	10	12	14
		55-64 YRS	*	*	*	6	*	*	*	*	6	6
	WHITE	UNDER 20 YRS	33	34	24	34	20	41	43	39	65	29
		20-24 YRS	503	490	448	381	309	776	711	741	642	537
		25-29 YRS	960	1,050	911	878	696	1,613	1,643	1,516	1,473	1,279
		30-34 YRS	764	752	738	662	598	1,358	1,183	1,265	1,151	1,045
		35-39 YRS	506	520	500	437	424	906	834	847	792	715
		40-44 YRS	489	466	397	326	304	925	773	647	560	525
		45-54 YRS	715	702	739	638	594	1,338	1,211	1,284	1,130	1,087
		55-64 YRS	354	350	362	380	383	632	587	618	671	738

Breakdown by AGE, RACE, AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
TRANS MALE	ASIAN/PI	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0
		20-24 YRS	*	*	0	*	0	*	7	0	*	0
		25-29 YRS	0	*	*	0	*	0	*	*	0	*
		30-34 YRS	0	*	*	*	*	0	*	*	*	*
		35-39 YRS	*	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	
	BLACK	UNDER 20 YRS	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	*	*	0	0	0	*	5
		30-34 YRS	0	*	0	0	*	0	*	0	0	*
		35-39 YRS	*	*	0	*	0	*	6	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	
	HISPANIC	UNDER 20 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	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	
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		
NATV AMER	UNDER 20 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	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	0	0	
	40-44 YRS	*	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		
MISSING	UNDER 20 YRS	0	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	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	*	
	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		
WHITE	UNDER 20 YRS	0	0	0	0	0	0	0	0	0	0	
	20-24 YRS	6	*	*	*	0	14	*	*	*	0	
	25-29 YRS	*	7	*	*	6	5	11	*	*	7	
	30-34 YRS	*	6	*	*	*	*	12	10	5	5	
	35-39 YRS	*	*	*	*	*	*	*	*	*	*	
	40-44 YRS	0	*	*	0	0	0	7	*	0	0	
	45-54 YRS	0	*	*	*	*	0	*	*	*	*	
55-64 YRS	0	0	*	0	0	0	0	*	0	0		

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Breakdown by AGE, RACE, AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
TRANSGENDER	ASIAN/PI	UNDER 20 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	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
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
	BLACK	UNDER 20 YRS	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	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	0	0
		40-44 YRS	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
	HISPANIC	UNDER 20 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
		45-54 YRS	0	0	*	0	0	0	0	*	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
	NATV AMER	UNDER 20 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	*	8
		30-34 YRS	0	0	0	0	0	0	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
		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
	WHITE	UNDER 20 YRS	*	0	0	0	0	*	0	0	0	0
		20-24 YRS	*	*	*	*	*	20	*	*	5	*
		25-29 YRS	*	0	0	0	*	*	0	0	0	*
		30-34 YRS	0	0	0	0	*	0	0	0	0	9
		35-39 YRS	0	0	*	*	*	0	0	*	*	5
		40-44 YRS	0	0	0	0	0	0	0	0	0	0
		45-54 YRS	0	0	*	0	0	0	0	*	0	0
		55-64 YRS	0	0	0	*	0	0	0	0	*	0
OTHER	WHITE	UNDER 20 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	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	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	*	*	*
REFUSED	WHITE	UNDER 20 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	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	*
		55-64 YRS	0	0	0	0	0	0	0	0	0	0

Breakdown by AGE, RACE, AND SEX

			Total patients					Clinic visits				
			2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
UNKNOWN	ASIAN/PI	UNDER 20 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	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
	BLACK	UNDER 20 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	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
	HISPANIC	UNDER 20 YRS	0	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	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	*
		40-44 YRS	0	0	0	0	0	0	0	0	0	0
		45-54 YRS	0	0	*	0	0	0	0	*	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0
	MISSING	UNDER 20 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
		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
		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
	WHITE	UNDER 20 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	0	0
		30-34 YRS	*	*	0	*	0	*	*	0	*	0
		35-39 YRS	0	0	0	*	0	0	0	0	*	0
		40-44 YRS	*	*	0	0	0	8	*	0	0	0
		45-54 YRS	*	0	0	0	0	*	0	0	0	0
		55-64 YRS	0	0	0	0	0	0	0	0	0	0

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



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