



San Francisco Monthly STD Report

Data for July, 2013
Report prepared August 21, 2013

Table 1. STDs among residents, July, 2013.

	2013		2012	
	month	YTD	month	YTD
Gonorrhea	194	1,307	199	1,473
Male rectal gonorrhea	66	411	59	457
Chlamydia	417	2,939	391	2,811
Male rectal chlamydia	100	680	71	625
Syphilis (adult total)	85	721	112	607
Primary & secondary	45	316	55	306
Early latent	33	306	40	212
Unknown latent	0	0	0	1
Late latent	7	99	17	88
Neurosyphilis	0	4	2	5
Congenital syphilis	0	0	0	0
PID	7	46	8	68

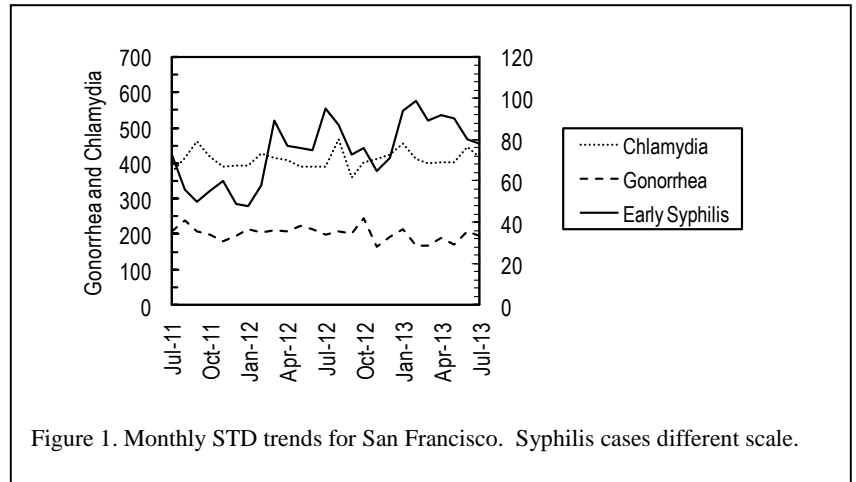


Figure 1. Monthly STD trends for San Francisco. Syphilis cases different scale.

Table 2. Selected STD cases and rates for San Francisco by age and race/ethnicity, 2013 through July only. Rates equal cases per 100,000 residents per year based on 2000 US Census data.

	(All races)		Asian/PI		African American		Hispanic		White	
	cases	rate	cases	rate	cases	rate	cases	rate	cases	rate
<i>All ages</i>										
Chlamydia	2,939	648.7	402	273.1	446	1,193.3	414	648.1	987	499.3
Gonorrhea	1,307	288.5	108	73.4	147	393.3	208	325.6	695	351.6
Early syphilis	622	137.3	43	29.2	61	163.2	121	189.4	362	183.1
<i>Under 20 yrs</i>										
Chlamydia	285	951.1	30	236.0	122	3,176.4	37	572.5	27	417.2
Gonorrhea	40	133.5	1	7.9	21	546.8	3	46.4	9	139.1
Early syphilis	1	3.3	0	0.0	1	26.0	0	0.0	0	0.0

Table 3. HIV testing among City Clinic patients, July, 2013.

	2013		2012	
	month	YTD	month	YTD
Tests	623	3,888	427	2,923
Antibody positive	4	39	9	51
Acute HIV infection	2	14	1	13

Note: All statistics are provisional until the annual report is released for the year. Morbidity is based on date of diagnosis. Totals for past months may change due to delays in reporting from labs and providers.

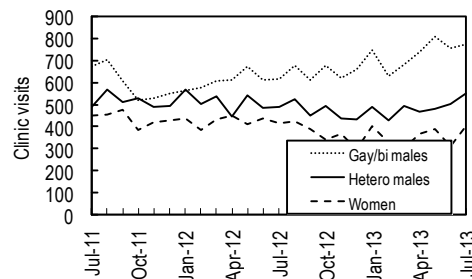


Figure 2. City Clinic visits by gender and orientation.

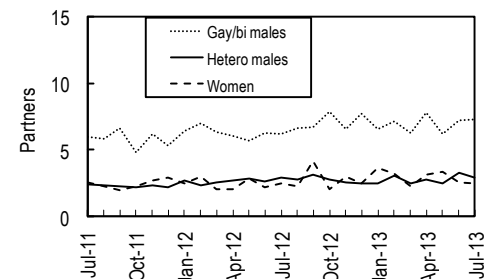


Figure 3. Average number of recent* sex partners for City Clinic visits by gender and sexual orientation. *Recall period is 3 months.

Results from a key gonorrhea treatment study performed at San Francisco City Clinic

Gonorrhea is the 2nd most common reportable disease in San Francisco with over 2,400 cases in 2012; it increases the risk for HIV and can cause infertility in women. Of great concern, gonorrhea is becoming more difficult to treat with available antibiotics.

San Francisco City Clinic, the SFDPH STD clinic, participated in a recent NIH and CDC research trial using new combinations of existing antibiotics for treatment of gonorrhea. The two regimens studied were:

- 1) gentamicin 240mg IM once plus azithromycin 2g PO once
- 2) gemifloxacin 320mg PO once plus azithromycin 2g PO once

Each two-drug combination was evaluated to determine if it met the CDC standard for a recommended treatment regimen, which is 95% efficacy for microbiologic clearance of urogenital infection; they were not compared to each other or to placebo. The excellent news is that both regimens were over 99% effective in eradicating infections. These results were released at the International STD Research Meeting in Vienna, Austria, in July to great interest. While ceftriaxone 250mg IM plus either azithromycin 1g PO or doxycycline 100mg PO bid x 7days remains the recommended regimen, these findings will offer much needed alternatives for patients with ceftriaxone allergies or if gonorrhea becomes increasingly difficult to treat with ceftriaxone in the future.

City Clinic was one of five clinics nationwide that participated in this important study and was instrumental to the trial's success, enrolling an amazing 198 (49%) of the 401 participants included in the study analyses. This is a great example of how City Clinic patients and staff participate in applied research to help solve critical clinical and public health problems. SP

Table 4. Patient visits at City Clinic, July, 2013.

	2013		2012			
	month	YTD	month	YTD	month	YTD
(Total visits)	1,727	100%	11,054	100%	1,522	10,801
<i>Gender</i>						
women	403	23%	2,509	23%	414	2,968
gay/bi men	772	45%	5,131	46%	619	4,262
hetero men	552	32%	3,414	31%	489	3,571
<i>Race/ethnicity</i>						
Asian/PI	248	14%	1,496	14%	201	1,434
African American	278	16%	1,845	17%	236	1,890
Hispanic	348	20%	2,306	21%	355	2,319
Native American	15	1%	58	1%	7	50
White	816	47%	5,229	47%	712	5,009
<i>Age at visit</i>						
under 20 years	46	3%	245	2%	25	343
20+ years	1,681	97%	10,809	98%	1,497	10,458
<i>Reason for visit</i>						
new problem	1,006	58%	6,671	60%	938	6,782
follow-up	721	42%	4,383	40%	584	4,019

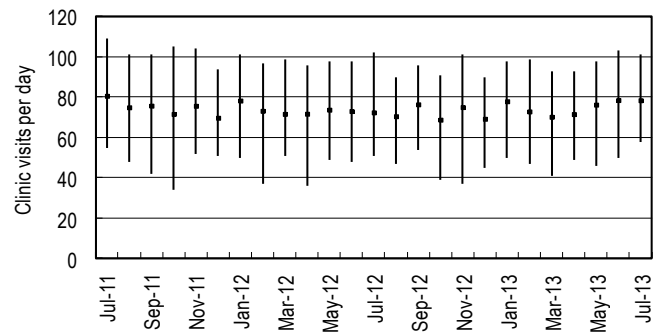


Figure 4. Average visits per day to City Clinic, with minimum and maximum for month.