

STD/HIV Quarterly Report

San Mateo County Health System, STD/HIV Program

www.smchealth.org/std • STD Clinic: 650.573.2385 • Provider STD Reporting: 650.573.2346 650.573.2919 (fax)
Issue No. 49 • Quarter 4: Jul 1 - Sep 30, 2018

Vivian Levy MD, STD Controller • Scott Morrow MD, MPH, MBA, Health Officer • Aracely Tamayo, PhD Epidemiologist

Table 1 STD Cases Reported Among County of San Mateo Residents by Quarter (Jul 1 - Sep 30) and Year to Date for 2018 and 2017

	2018		2017	
	3rd Qtr	YTD	3rd Qtr	YTD
Chlamydia trachomatis (CT)	762	2,287	725	2,164
Male	317	930	302	910
Female	443	1354	423	1252
Unknown / Transgender	2	3	0	2
Lymphogranuloma Venereum	0	1	0	1
Gonorrhea (GC)	176	522	201	578
Male	147	414	140	428
Female	26	100	60	147
Unknown / Transgender	3	8	1	3
Urine	70	192	91	246
Genitourinary	14	69	31	105
Rectal and/or Pharyngeal	79	232	69	203
Unknown/Missing	13	29	10	24
Early Syphilis (total)¹	35	104	28	84
Male	33	98	25	81
Female	2	3	2	2
Transgender/Unknown	0	3	1	1
Syphilis (total)	58	159	48	130
Primary	9	19	10	21
Secondary	13	39	7	20
Early Latent	13	46	11	43
Late Latent	23	55	20	46
Congenital	0	0	0	0
Neurosyphilis ²	0	1	1	2

YTD: Year to Date. ¹Early Syphilis is defined as primary, secondary, and early latent ²Cases not included in the total as neurosyphilis is a sequelae and not a stage; the neurosyphilis cases are captured under other syphilis stages.

- CT increased 8% in women and 2% in men compared to this time last year.
- GC cases decreased 32% in women and 3% in men compared to this time last year. The proportion of rectal & pharyngeal specimens tested increased for GC cases from 35% in 2017 to 44% in 2018.
- Early syphilis cases, of which 94% occurred in men this year, increased 24% compared to this time last year.
- Health System HIV positive prevalence is 0.7% in 2018, an increase from 2017 (0.6%). New HIV cases identified at county clinics increased this year (0.8%) compared to 0.7% in 2017.

Table 2 HIV testing through the San Mateo County Health System by Quarter (Jul 1 - Sep 30) and Year to Date for 2018 and 2017¹

	2018		2017	
	3rd Qtr	YTD	3rd Qtr	YTD
Total Specimens Tested for HIV	1,930	5,941	2,041	6,410
SMC-STD Clinic	180	568	170	710
STD/HIV Program Outreach ²	135	448	225	624
Other County Clinics ³	1,615	4,925	1,646	5,076
Total HIV Antibody Positive	10	44	10	40
SMC-STD Clinic	1	4	0	1
STD/HIV Program Outreach ²	0	1	1	3
Other County Clinics ³	9	39	9	36

¹The HIV antibody positives do not reflect the true burden of disease. Some patients may be repeat testers. ²Includes data from Testing on Demand and other STD/HIV program outreach. ³Includes all HIV testing (oral and blood) at San Mateo Medical Center (SMMC), SMMC Satellite Clinics, SMC Public Health (PH) Clinics, and PH Subcontractors. Beginning Aug 2015, a 4th generation HIV screening test was implemented. HIV positive cases may not yet be confirmed by HIV-1/HIV-2 differentiation immunoassay.



San Mateo County is working to get the number of new HIV infections to zero using guidance from California's Getting To Zero plan. Late HIV tester measure highlighted below.

[https://www.cdph.ca.gov/Programs/CID/DOA/CDPH Document Library/IP_2016_ExecSum.pdf](https://www.cdph.ca.gov/Programs/CID/DOA/CDPH%20Document%20Library/IP_2016_ExecSum.pdf)

Objective 4: Decrease the percentage of persons with new HIV diagnoses in California that are diagnosed with AIDS within 12 months of diagnosis (i.e., late diagnosis) to less than 17 percent

Newly Reported HIV Cases Among County Residents and Percentage of Late Testers by Year of Diagnosis, San Mateo County, 2013-2017¹

	2013	2014	2015	2016	2017
HIV Cases	51	69	65	58	62
Late Testers¹	31%	22%	26%	24%	16%

¹Late testers are defined as cases who had their first positive HIV test within one year of receiving an AIDS diagnosis. CDPH, Office of AIDS, eHARS June 30, 2018.