

STD/HIV Quarterly Report

San Mateo County Health System, STD/HIV Program

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

	2018		2017	
	4th Qtr	YTD	4th Qtr	YTD
Chlamydia trachomatis (CT)	742	3,080	708	2,872
Male	359	1,317	303	1,213
Female	382	1,759	402	1,654
Unknown / Transgender	1	4	3	5
Lymphogranuloma Venereum	0	1	0	1
Gonorrhea (GC)	199	726	237	815
Male	155	573	190	618
Female	41	142	46	193
Unknown / Transgender	3	11	1	4
Urine	57	252	106	352
Genitourinary	23	94	17	122
Rectal and/or Pharyngeal	117	354	96	299
Unknown/Missing	2	26	18	42
Early Syphilis (total)¹	40	149	39	123
Male	39	142	35	116
Female	1	5	4	7
Transgender/Unknown	0	2	0	0
Syphilis (total)	52	217	62	192
Primary	6	25	15	36
Secondary	9	51	6	26
Early Latent	25	73	18	61
Late Latent	12	68	23	69
Congenital	0	0	0	0
Neurosyphilis ²	0	1	2	4

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 6% in women and 9% in men compared to this time last year.
- GC cases decreased 26% in women and 7% in men compared to this time last year. The proportion of GC cases that were rectal/pharyngeal increased from 37% in 2017 to 49% in 2018.
- Early syphilis cases, of which 95% occurred in men this year, increased 21% compared to this time last year.
- Health System HIV positive prevalence is 0.8% in 2018, increased from 2017 (0.5%). HIV cases identified at county clinics increased in 2018 (0.8%) compared to 0.6% in 2017.

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

	2018		2017	
	4th Qtr	YTD	4th Qtr	YTD
Total Specimens Tested for HIV	1,951	7,892	1,711	8,121
SMC-STD Clinic	170	738	183	893
STD/HIV Program Outreach ²	162	610	106	730
Other County Clinics ³	1,619	6,544	1,422	6,498
Total HIV Antibody Positive	16	60	4	44
SMC-STD Clinic	1	5	0	1
STD/HIV Program Outreach ²	0	1	0	3
Other County Clinics ³	15	54	4	40

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.



The California Healthy Youth act requires California public and charter schools to provide comprehensive sexual health and STD prevention education at least once in middle school and once in high school. Instruction must be age appropriate, medically accurate as well as respect and address the needs of students of all genders and sexual orientations.

In addition to providing information about pregnancy prevention and STDs, instruction should also address sexual harassment, sexual assault and healthy relationships. Resources to support youth, families and clinical providers are available at: teensource.org