



STD/HIV Quarterly Report

San Mateo County Health System, STD/HIV Program

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Table 1 STD Cases Reported Among County of an Mateo Residents by Quarter (Jul 1 - Sep 30) and Year to Date for 2017 and 2016

	2017		2016	
	3rd Qtr	YTD	3rd Qtr	YTD
Chlamydia trachomatis (CT)	709	2,139	628	1,899
Male	289	894	245	734
Female	420	1,243	381	1,161
Unknown / Transgender	0	2	2	4
Lymphogranuloma Venereum	0	1	0	1
Gonorrhea (GC)	188	563	142	440
Male	133	421	115	341
Female	54	139	27	98
Unknown / Transgender	1	3	0	1
Urine	73	226	72	200
Genitourinary	27	101	14	54
Rectal and/or Pharyngeal	62	196	38	126
Unknown/Missing	26	40	18	60
Early Syphilis (total)¹	28	87	24	71
Male	25	84	23	68
Female	2	2	1	1
Transgender/Unknown	1	1	0	2
Syphilis (total)	48	134	34	109
Primary	9	21	6	14
Secondary	8	22	6	26
Early Latent	11	44	12	31
Late Latent	20	47	10	38
Congenital	0	0	0	0
Neurosyphilis ²	0	1	0	1

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 22% in men and 7% in women compared to this time last year.
- GC cases increased 24% in men and 42% in females compared to this time last year, with largest female increase in women age 40-49.
- Early syphilis cases increased 23% (almost all cases in men) compared to this time last year. To date in 2017, there were 18 female (2 early syphilis and 16 late latent) syphilis cases.
- Health system HIV positive prevalence is 0.6% in 2017, an increase from 2016 (0.5%). HIV cases identified at county clinics increased this year (0.7%) compared to 0.5% in 2016.

Table 2 HIV testing through the San Mateo County Health System by Quarter (Jul 1 - Sep 30) and Year to Date for 2017 and 2016¹

	2017		2016	
	3rd Qtr	YTD	3rd Qtr	YTD
Total Specimens Tested for HIV	2,041	6,410	2,280	7,411
SMC-STD Clinic	170	710	162	607
STD/HIV Program Outreach ²	225	624	245	791
Other County Clinics ³	1,646	5,076	1,873	6,013
Total HIV Antibody Positive	10	40	9	34
SMC-STD Clinic	0	1	0	3
STD/HIV Program Outreach ²	1	3	0	1
Other County Clinics ³	9	36	9	30

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

UNDETECTABLE = UNTRANSMITTABLE



Undetectable = Untransmittable

HIV infected persons who take antiretroviral therapy (ART) daily as prescribed and achieve and maintain an undetectable viral load have effectively no risk of sexually transmitting the virus to an HIV negative partner (CDC, Dear Colleague Letter, Sept 2017).

Based on the PARTNER study and HPTN 052, the evidence is clear that a person who has sustained, undetectable levels of HIV virus in their blood does not pose an infection risk to sexual partners.

The San Mateo County Health System is committed to universal access to HIV testing, treatment and care. HIV infected persons who start and stay on treatment keep themselves and their partners healthy

<https://www.cdc.gov/hiv/library/dcl/dcl/092717.html>