

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 2020 and 2019

	2020		2019	
	4th Qtr	YTD	4th Qtr	YTD
Chlamydia trachomatis (CT)	495	2,005	749	3,191
Male	200	901	323	1,418
Female	294	1,098	424	1,763
Unknown / Transgender	1	6	2	10
Lymphogranuloma Venereum	0	1	0	2
Gonorrhea (GC)	226	822	242	896
Male	150	601	175	673
Female	76	218	66	217
Unknown / Transgender	0	3	1	6
Urine	107	339	116	391
Genitourinary	30	90	30	99
Rectal and/or Pharyngeal	79	351	85	370
Unknown/Missing	10	42	11	36
Early Syphilis (total)¹	39	203	48	186
Male	36	176	45	168
Female	3	24	3	16
Transgender/Unknown	0	3	0	2
Syphilis (total)	54	264	63	275
Primary	6	33	13	43
Secondary	14	61	14	47
Early Latent	19	109	21	96
Late Latent	14	60	15	88
Congenital	1	1	0	1
Neurosyphilis ²	3	4	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 decreased 38% in women and decreased 36% in men compared to this time last year.
- GC cases remained stable in women and decreased 11% in men compared to this time last year.
- There was a 9% increase in early syphilis cases compared to this time last year. Most early syphilis cases to date this year occurred in men (87%).
- San Mateo Health System HIV tests were down 34% in 2020 compared to 2019. Health System HIV positive prevalence for new HIV cases dropped in 2020 (0.1%) as compared to 2019 YTD (0.3%).

Table 2 HIV testing through the San Mateo County Health System by Quarter (Oct 1 - Dec 30) and Year to Date for 2020 and 2019¹

	2020		2019	
	4th Qtr	YTD	4th Qtr	YTD
Total Specimens Tested for HIV	1,666	6,335	2,001	8,463
SMC-STD Clinic	0	155	173	741
STD/HIV Program Outreach ²	0	73	162	659
Other County Clinics ³	1,666	6,107	1,666	7,063
Total New HIV Cases	1	6	6	23
SMC-STD Clinic	0	1	1	2
STD/HIV Program Outreach ²	0	0	1	2
Other County Clinics ³	1	5	4	19

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.

CDC Outlines New Gonorrhea (GC) Treatment Recommendations Dec 2020. STI Screening in SMC Residents Should Continue During COVID-19.

CDC released an update to treatment guidelines for GC <https://www.cdc.gov/mmwr/volumes/69/wr/mm6950a6.htm>

- GC should now be treated with Ceftriaxone 500mg IM. Dual therapy is no longer recommended.
- A test of cure is recommended for all cases of pharyngeal gonorrhea 7-14 days after treatment, regardless of the treatment regimen used.
- Testing for STIs are much lower during COVID-19
- Screening patients for STIs remains essential during COVID-19.

Figure. Percentage of US GISP Neisseria gonorrhoeae isolates with elevated minimum inhibitory concentrations (MICs)* to ceftriaxone, cefixime, and azithromycin, 2009–2018

