



# 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 31) and Year to Date for 2015 and 2014

|                                   | 2015    |       | 2014    |       |
|-----------------------------------|---------|-------|---------|-------|
|                                   | 4th Qtr | YTD   | 4th Qtr | YTD   |
| <b>Chlamydia trachomatis (CT)</b> | 588     | 2,377 | 584     | 2282  |
| Male                              | 229     | 893   | 222     | 828   |
| Female                            | 358     | 1,474 | 362     | 1,449 |
| Unknown / Transgender             | 1       | 10    | 0       | 5     |
| <b>Gonorrhea (GC)</b>             | 136     | 544   | 110     | 363   |
| Male                              | 101     | 413   | 90      | 269   |
| Female                            | 34      | 129   | 19      | 93    |
| Unknown / Transgender             | 1       | 2     | 1       | 1     |
| Urine                             | 53      | 213   | 41      | 147   |
| Genitourinary                     | 12      | 69    | 20      | 65    |
| Rectal and/or Pharyngeal          | 32      | 148   | 31      | 115   |
| Unknown/Missing                   | 39      | 114   | 18      | 36    |
| <b>Syphilis (total)</b>           | 36      | 152   | 32      | 117   |
| Primary                           | 3       | 12    | 4       | 22    |
| Secondary                         | 7       | 43    | 5       | 31    |
| Early Latent                      | 10      | 39    | 8       | 25    |
| Late Latent                       | 16      | 57    | 15      | 39    |
| Congenital <sup>1</sup>           | 0       | 1     | 0       | 0     |
| Neurosyphilis <sup>2</sup>        | 0       | 2     | 0       | 0     |

YTD: Year to Date. <sup>1</sup>Congenital Syphilis case in 2015 was classified as a "probable". <sup>2</sup>Cases not included in the total as neurosyphilis is a sequelae and not a stage; the neurosyphilis cases are captured under other syphilis stages.

- There has been a 50% increase in GC cases overall compared to this time last year, with a 54% increase in males and a 39% increase in females. Missing anatomic site data in males prevents determination of percent men who have sex with men.
- Early syphilis cases (primary, secondary, and early latent) increased 21% compared to this time last year. A higher number of male cases with early syphilis reported having female sex partners in 2015 when compared to 2014 (14 versus 9 cases) leading to additional concerns for risk of congenital syphilis.
- CT cases are stable compared to this time last year.
- The number of Health System HIV tests done in 2015 decreased by 5% in 2015 compared to 2014, though test number in other County Clinics where most new HIV cases are identified was relatively stable (only 2% decrease in other County Clinics test number).
- Health System HIV positive prevalence is 1.1% in 2015, which is modestly increased from 2014 (0.98%). The vast majority (93% in 2015) of new HIV cases were identified in other County clinics where the HIV positive prevalence in 2015 (1.2%) is modestly increased compared to 2014 (1.1%).

**Table 2** HIV testing through the San Mateo County Health System by Quarter (Oct 1 -Dec 31) and Year to Date for 2015 and 2014<sup>1</sup>

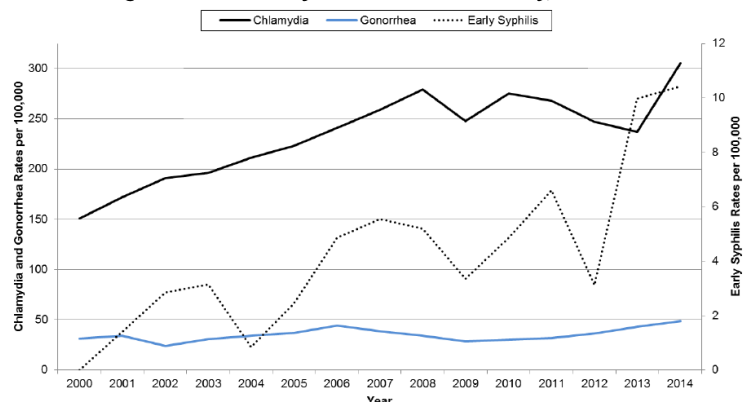
|                                       | 2015    |       | 2014    |        |
|---------------------------------------|---------|-------|---------|--------|
|                                       | 4th Qtr | YTD   | 4th Qtr | YTD    |
| <b>Total Specimens Tested for HIV</b> | 2,274   | 9,632 | 2,795   | 10,142 |
| SMC-STD Clinic                        | 187     | 649   | 249     | 753    |
| STD/HIV Program Outreach <sup>2</sup> | 356     | 866   | 388     | 1072   |
| Other County Clinics <sup>3</sup>     | 1,731   | 8,117 | 2,158   | 8,317  |
| <b>Total HIV Antibody Positive</b>    | 14      | 106   | 26      | 99     |
| SMC-STD Clinic                        | 0       | 3     | 1       | 4      |
| STD/HIV Program Outreach <sup>2</sup> | 0       | 4     | 1       | 6      |
| Other County Clinics <sup>3</sup>     | 14      | 99    | 24      | 89     |

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

## 2014 STD/HIV Annual Report Available

The [2014 STD/HIV Annual Surveillance report](#) is available. SMC STD increases in all reportable STDs in 2014 are consistent with increases in California and the US. The local drivers behind overall increases in STDs are likely multifactorial: meeting higher risk sexual partners online, HIV pre-exposure use changing safer sex practices and demographic changes in the County with an influx of younger tech workers. SMC STD/HIV testing and treatment info is available at [www.smchealth.org/std](http://www.smchealth.org/std)

Figure 1. STD Rates by Year in San Mateo County, 2000-2014



Note difference in scale for Early Syphilis.