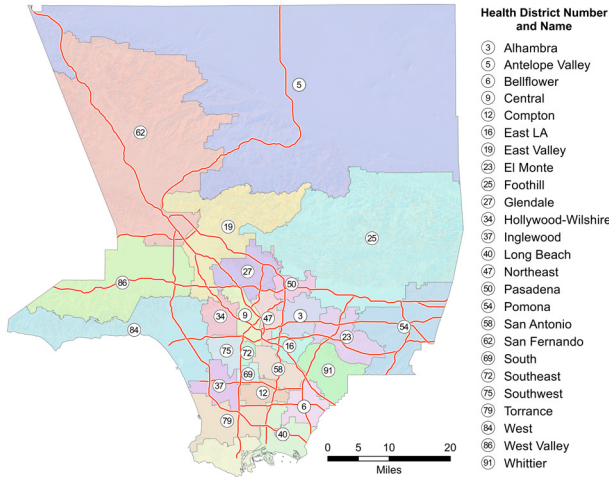


Los Angeles County



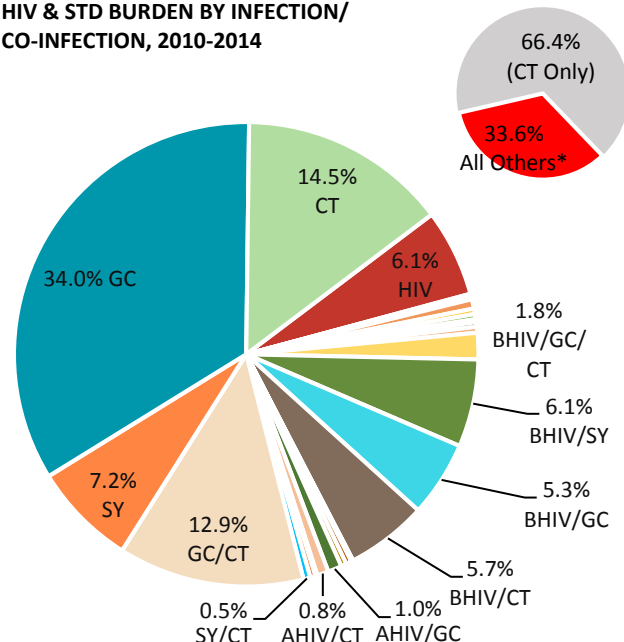
This overview of the [2010-2014 HIV & STD Burden by Health District](#) summarizes surveillance data for HIV, Syphilis and Gonorrhea during the 5-year period, accounting for each person with a diagnosis in Los Angeles County, Long Beach or Pasadena.

Average infections per infected person¹ **1.53**

Average infections per year per square mile¹ **4.76**

ALL HIV & STD INCIDENTS ²	
Rate Per 100,000 Person-Years	Los Angeles County (LAC) Rate
HIV, 2010-2014	19
Syphilis, 2010-2014	32
Gonorrhea, 2010-2014	112
Chlamydia, 2010-2014 ³	461

HIV & STD BURDEN BY INFECTION/CO-INFECTION, 2010-2014



*Residents with a HIV, Syphilis, Gonorrhea or high risk Chlamydia incident in 2010-2014. Residents with only Chlamydia incidents are excluded from the larger pie chart and data shown "among infected persons".

INFECTION CHARACTERISTICS AMONG INFECTED PERSONS¹

	N	% of LAC Total
Infections & Co-infections⁴	97,211	100.0%
Incidents Represented²		
HIV Incidents	9,652	100.0%
Syphilis Incidents	16,148	100.0%
Gonorrhea Incidents	55,606	100.0%
Chlamydia Incidents	37,078	100.0%

ACRONYMS
 SY = Syphilis GC = Gonorrhea CT = Chlamydia
 PLWH (+ STD) = Persons living with HIV who had an STD in 2010-2014 or were diagnosed with HIV in 2010-2014
 AHIV = Acquired HIV 30 days or more **after** STD infection
 BHIV = Acquired HIV 30 days or more **before** STD infection
 WHIV = HIV co-infected at time of STD infection (within +/- 30 days)
 LAC = Los Angeles County
 % of LAC = (# in Health District w/characteristic ÷ Total LAC)
 LAC % = (# in LAC w/characteristic ÷ Total LAC)

Count of infected persons
 PLWH (+ STD): **18,037**
 STD Only: **45,460**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS¹

	N	% of LAC Total
Residents Represented⁵	63,497	100.0%

	N	LAC %
Current Gender⁶		
Male	44,243	69.7%
Female	19,007	29.9%
Transgender	195	0.3%
Transgender M-F	149	0.2%
Transgender F-M	17	0.0%

	N	LAC %
Race/Ethnicity⁶		
White	13,215	20.8%
African American	18,718	29.5%
Latino	24,176	38.1%
Asian	2,246	11.6%
AI/AN ⁷	196	3.5%
NHOPI ⁷	187	0.3%

	N	LAC %
Select Populations		
MSM/MSMW	24,354	38.4%
Youth (15-19 years) ⁸	8,494	13.4%
Youth (15-24 years) ⁸	24,331	38.3%
Pregnant ⁸	2,763	4.4%

	N	LAC %
Syphilis Stage (if any)⁸		
Early Syphilis ⁹	8,867	14.0%
Congenital Syphilis	70	0.1%

Data Source: LAC/DPH HIV and STD Surveillance (as of 9/26/16), Long Beach Health and Human Services STD Surveillance (as of 7/1/15), Pasadena Health Department STD Surveillance (as of 6/9/16), LAC/DPH OHAE [Health District boundaries], Los Angeles Times [LA Times Neighborhood boundaries]. 2010-2014 population estimates and 2014 population demographics provided by LAC/ISD & contracted through Hedderson Demographic Services. Data Creation and Cartography: Program Evaluation & Data Management, Division of HIV and STD Programs, LAC/DPH

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ¹		
	N	LAC %
Recurrent STD Infections		
Syphilis (SY)		
1 incident	12,385	19.5%
2 incidents	1,372	2.2%
3 incidents	276	0.4%
4 or more	46	0.1%
Gonorrhea (GC)		
1 incident	37,839	59.6%
2 incidents	5,152	8.1%
3 incidents	1,249	2.0%
4 or more	780	1.2%
Chlamydia (CT)		
1 incident	16,232	25.6%
2 incidents	5,053	8.0%
3 incidents	1,874	3.0%
4 or more	1,096	1.7%
	N	LAC %
Infection & Co-infection Combinations^{4,8,10}		
HIV Infection Only	5,912	9.3%
Co-Infected w/HIV		
SY, GC, CT	50	0.1%
SY, GC	65	0.1%
SY, CT	80	0.1%
GC, CT	184	0.3%
Syphilis (SY)	628	1.0%
Gonorrhea (GC)	372	0.6%
Chlamydia (CT)	353	0.6%
Acquired HIV Infection <u>Before</u> STD		
SY, GC, CT	193	0.3%
SY, GC	293	0.5%
SY, CT	387	0.6%
GC, CT	1,490	2.3%
Syphilis (SY)	4,863	7.7%
Gonorrhea (GC)	3,750	5.9%
Chlamydia (CT)	4,030	6.3%

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ¹		
	N	LAC %
Infection & Co-infection Combinations^{4,8,10}		
Acquired HIV Infection <u>After</u> STD		
SY, GC, CT	30	0.0%
SY, GC	53	0.1%
SY, CT	51	0.1%
GC, CT	309	0.5%
Syphilis (SY)	343	0.5%
Gonorrhea (GC)	713	1.1%
Chlamydia (CT)	610	1.0%
No HIV Infection		
SY, GC, CT	133	0.2%
SY, GC	351	0.6%
SY, CT	463	0.7%
GC, CT	11,664	18.4%
Syphilis (SY)	6,753	10.6%
Gonorrhea (GC)	29,177	46.0%
Chlamydia (CT)	9,769	15.4%

- ¹ Residents with only Chlamydia incidents are excluded for all data shown "among infected persons".
- ² Consists of reported incidents during the 2010-2014 period without regard to other co-infections.
- ³ Residents with only Chlamydia incidents are included in the rate calculation.
- ⁴ Co-infection is defined as occurring within +/- 30 days of the HIV or STD incident.
- ⁵ Resident status is determined by the latest address on file across all data sources.
- ⁶ Percentages may not add up to 100% due to rounding or exclusion of unknown/missing values. Data are suppressed for <5 persons and/or 2014 population < 500.
- ⁷ AI/AN = American Indian/Alaskan Native. NHOPI = Native Hawaiian/Other Pacific Islander.
- ⁸ Defined as 'ever reported' during the 2010-2014 period.
- ⁹ Early Syphilis includes all cases staged as primary, secondary, or early latent.
- ¹⁰ Percentages will not add up to 100%. Residents can be added more than once down a column.
- ¹¹ Percentages for Medi-Cal Eligible ↓ 200% FPL reflect the proportions of residents below the 200% FPL, not the total population.

POPULATION DEMOGRAPHICS, 2014		
	N	LAC %
Sex		
Male	4,966,453	49.3%
Female	5,102,583	50.7%
	N	LAC %
Age		
0-12	1,669,604	16.6%
13-19	978,339	9.7%
20-29	1,544,145	15.3%
30-39	1,445,596	14.4%
40-49	1,410,564	14.0%
50-59	1,308,344	13.0%
60+	1,712,444	17.0%
	N	LAC %
Race/Ethnicity		
White	2,856,516	28.4%
African American	867,357	8.6%
Latino	4,854,739	48.2%
Asian	1,445,737	14.4%
AI/AN	20,054	0.2%
NHOPI	24,633	0.2%
	N	LAC %
Poverty Level		
100% FPL	1,823,180	18.1%
130% FPL	2,600,108	25.8%
133% FPL	2,654,921	26.4%
200% FPL	4,068,761	40.4%
	N	LAC %
Insurance Status		
Medi-Cal Eligible		
↓ 200% FPL ¹¹	1,019,394	10.1%
Medically Uninsured	1,771,204	17.6%