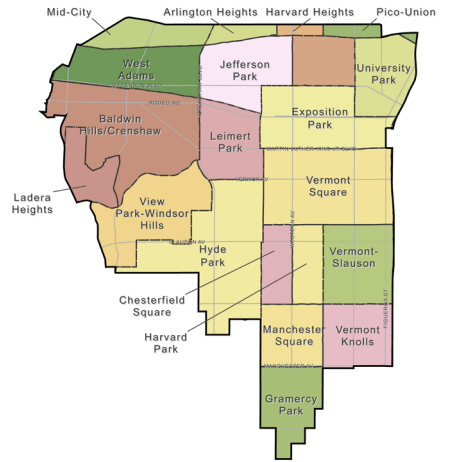
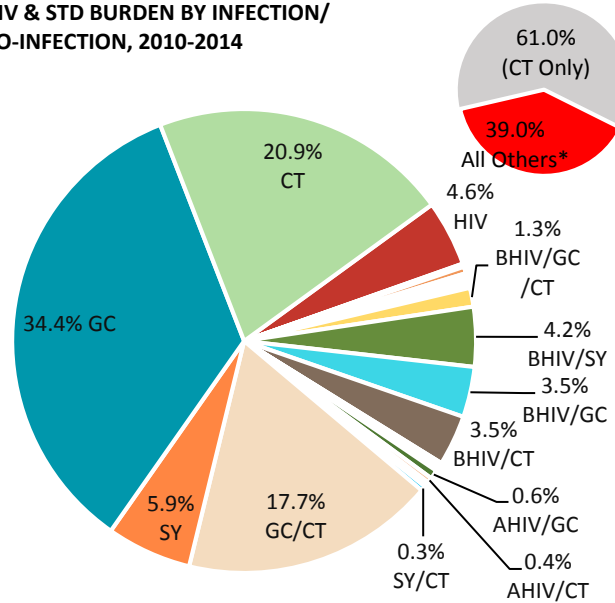


Southwest Health District No. 75



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 PERSONS²

	N	% of LAC Total
Infections & Co-infections⁵	9,136	9.4%

	N	% of LAC Total
Incidents Represented³		
HIV Incidents	642	6.7%
Syphilis Incidents	1,129	7.0%
Gonorrhea Incidents	5,379	9.7%
Chlamydia Incidents	4,145	11.2%

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): **1,156**
 STD Only: **4,514**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Residents Represented⁶	5,670	8.9%

	N	%	LAC %
Current Gender⁷			
Male	3,331	58.7%	69.7%
Female	2,320	40.9%	29.9%
Transgender	16	0.3%	0.3%
Transgender M-F	-	-	0.2%
Transgender F-M	-	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	183	3.2%	20.8%
African American	3,996	70.5%	29.5%
Latino	1,188	21.0%	38.1%
Asian	44	0.8%	11.6%
AI/AN ⁸	11	0.2%	3.5%
NHOP ⁸	-	-	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	1,244	21.9%	38.4%
Youth (15-19 years) ⁹	1,300	22.9%	13.4%
Youth (15-24 years) ⁹	2,891	51.0%	38.3%
Pregnant ⁹	346	6.1%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	545	9.6%	14.0%
Congenital Syphilis	4	0.1%	0.1%

Rank **3** out of 26¹

Average infections per infected person² **1.61**

Average infections per year per square mile² **70.02**

ALL HIV & STD INCIDENTS ³		
Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	34	19
Syphilis, 2010-2014	60	32
Gonorrhea, 2010-2014	285	112
Chlamydia, 2010-2014 ⁴	977	461

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 ²			
	N	%	LAC %
Recurrent STD Infections			
Syphilis (SY)			
1 incident	858	15.1%	19.5%
2 incidents	100	1.8%	2.2%
3 incidents	18	0.3%	0.4%
4 or more	4	0.1%	0.1%
Gonorrhea (GC)			
1 incident	3,644	64.3%	59.6%
2 incidents	537	9.5%	8.1%
3 incidents	124	2.2%	2.0%
4 or more	60	1.1%	1.2%
Chlamydia (CT)			
1 incident	1,608	28.4%	25.6%
2 incidents	578	10.2%	8.0%
3 incidents	239	4.2%	3.0%
4 or more	143	2.5%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	419	7.4%	9.3%
Co-Infected w/HIV			
SY, GC, CT	4	0.1%	0.1%
SY, GC	3	0.1%	0.1%
SY, CT	8	0.1%	0.1%
GC, CT	6	0.1%	0.3%
Syphilis (SY)	42	0.5%	1.0%
Gonorrhea (GC)	26	0.3%	0.6%
Chlamydia (CT)	17	0.2%	0.6%
Acquired HIV Infection <u>Before</u> STD			
SY, GC, CT	14	0.2%	0.3%
SY, GC	8	0.1%	0.5%
SY, CT	25	0.4%	0.6%
GC, CT	93	1.6%	2.3%
Syphilis (SY)	306	5.4%	7.7%
Gonorrhea (GC)	224	4.0%	5.9%
Chlamydia (CT)	246	4.3%	6.3%

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ²			
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
Acquired HIV Infection <u>After</u> STD			
SY, GC, CT	0	0.0%	0.0%
SY, GC	5	0.1%	0.1%
SY, CT	4	0.1%	0.1%
GC, CT	15	0.3%	0.5%
Syphilis (SY)	24	0.4%	0.5%
Gonorrhea (GC)	45	0.8%	1.1%
Chlamydia (CT)	27	0.5%	1.0%
No HIV Infection			
SY, GC, CT	10	0.2%	0.2%
SY, GC	23	0.4%	0.6%
SY, CT	31	0.5%	0.7%
GC, CT	1,473	26.0%	18.4%
Syphilis (SY)	523	9.2%	10.6%
Gonorrhea (GC)	2,789	49.2%	46.0%
Chlamydia (CT)	1,253	22.1%	15.4%

- Rank is based on results from the hot spot analyses, the number of infections and number of people with a HIV, Syphilis, Gonorrhea or high risk Chlamydia incident during the 2010-2014 period, relative to the other health districts. It adjusts for population and geographic size.
- Residents with only Chlamydia incidents are excluded for all data shown "among infected persons".
- Consists of reported incidents during the 2010-2014 period without regard to other co-infections.
- Residents with only Chlamydia incidents are included in the rate calculation.
- Co-infection is defined as occurring within +/- 30 days of the HIV or STD incident.
- Resident status is determined by the latest address on file across all data sources.
- 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.
- AI/AN = American Indian/Alaskan Native. NHOPI = Native Hawaiian/Other Pacific Islander.
- Percentages will not add up to 100%. Residents can be added more than once down a column.
- Defined as 'ever reported' during the 2010-2014 period.
- Early Syphilis includes all cases staged as primary, secondary, or early latent.
- 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	182,929	47.9%	49.3%
Female	198,785	52.1%	50.7%
	N	%	LAC %
Age			
0-12	67,632	17.7%	16.6%
13-19	41,580	10.9%	9.7%
20-29	68,643	18.0%	15.3%
30-39	51,252	13.4%	14.4%
40-49	48,818	12.8%	14.0%
50-59	45,741	12.0%	13.0%
60+	58,048	15.2%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	16,343	4.3%	28.4%
African American	151,652	39.7%	8.6%
Latino	199,159	52.2%	48.2%
Asian	13,636	3.6%	14.4%
AI/AN	655	0.2%	0.2%
NHOPI	269	0.1%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	117,474	30.8%	18.1%
130% FPL	163,826	42.9%	25.8%
133% FPL	168,870	44.2%	26.4%
200% FPL	236,008	61.8%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	55,530	23.5%	10.1%
Medically Uninsured	74,367	19.5%	17.6%