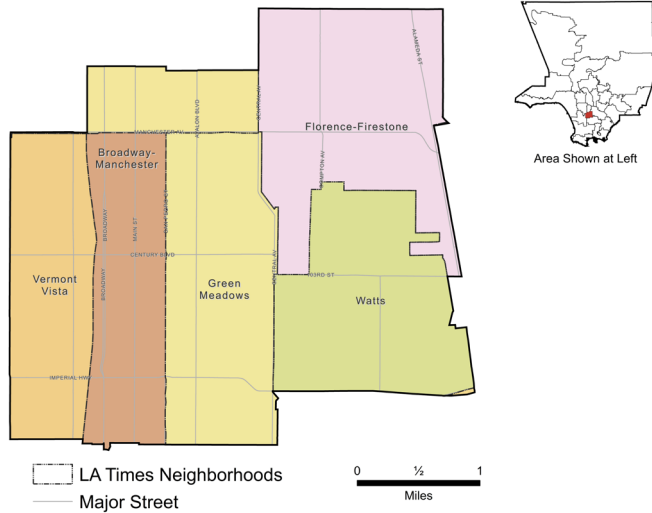
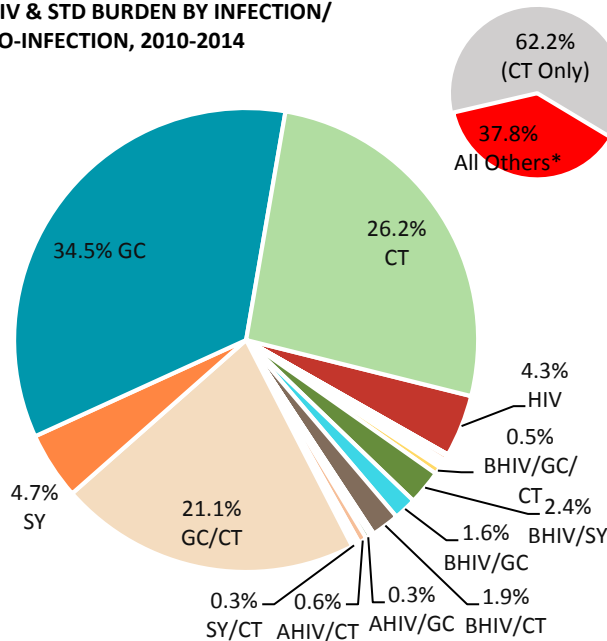


South Health District No. 69



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".

Count of infected persons
 PLWH (+ STD): **464**
 STD Only: **2,616**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ²		
	N	% of LAC Total
Residents Represented ⁶	3,080	4.8%

	N	%	LAC %
Current Gender⁷			
Male	1,506	48.9%	69.7%
Female	1,570	51.0%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	41	1.3%	20.8%
African American	2,108	68.4%	29.5%
Latino	813	26.4%	38.1%
Asian	-	-	11.6%
AI/AN ⁸	-	-	3.5%
NHOP ⁸	-	-	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	420	13.6%	38.4%
Youth (15-19 years) ⁹	871	28.3%	13.4%
Youth (15-24 years) ⁹	1,772	57.5%	38.3%
Pregnant ⁹	331	10.7%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	209	6.8%	14.0%
Congenital Syphilis	5	0.2%	0.1%

Rank **2** out of 26¹

Average infections per infected person² **1.67**

Average infections per year per square mile² **94.79**

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	46	32
Gonorrhea, 2010-2014	318	112
Chlamydia, 2010-2014 ⁴	1,169	461

INFECTION CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Infections & Co-infections⁵		
Infections & Co-infections ⁵	5,137	5.3%

	N	% of LAC Total
Incidents Represented³		
HIV Incidents	320	3.3%
Syphilis Incidents	439	2.7%
Gonorrhea Incidents	3,018	5.4%
Chlamydia Incidents	2,632	7.1%

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)

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	353	11.5%	19.5%
2 incidents	29	0.9%	2.2%
3 incidents	5	0.2%	0.4%
4 or more	3	0.1%	0.1%
Gonorrhea (GC)			
1 incident	2,101	68.2%	59.6%
2 incidents	296	9.6%	8.1%
3 incidents	63	2.0%	2.0%
4 or more	27	0.9%	1.2%
Chlamydia (CT)			
1 incident	872	28.3%	25.6%
2 incidents	384	12.5%	8.0%
3 incidents	161	5.2%	3.0%
4 or more	108	3.5%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	222	7.2%	9.3%
Co-Infected w/HIV			
SY, GC, CT	0	0.0%	0.1%
SY, GC	1	0.0%	0.1%
SY, CT	3	0.1%	0.1%
GC, CT	3	0.1%	0.3%
Syphilis (SY)	16	0.3%	1.0%
Gonorrhea (GC)	5	0.1%	0.6%
Chlamydia (CT)	9	0.2%	0.6%
Acquired HIV Infection Before STD			
SY, GC, CT	3	0.1%	0.3%
SY, GC	6	0.2%	0.5%
SY, CT	7	0.2%	0.6%
GC, CT	22	0.7%	2.3%
Syphilis (SY)	93	3.0%	7.7%
Gonorrhea (GC)	62	2.0%	5.9%
Chlamydia (CT)	80	2.6%	6.3%

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ²			
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
Acquired HIV Infection After STD			
SY, GC, CT	0	0.0%	0.0%
SY, GC	1	0.0%	0.1%
SY, CT	0	0.0%	0.1%
GC, CT	5	0.2%	0.5%
Syphilis (SY)	7	0.2%	0.5%
Gonorrhea (GC)	12	0.4%	1.1%
Chlamydia (CT)	22	0.7%	1.0%
No HIV Infection			
SY, GC, CT	3	0.1%	0.2%
SY, GC	10	0.3%	0.6%
SY, CT	16	0.5%	0.7%
GC, CT	956	31.0%	18.4%
Syphilis (SY)	233	7.6%	10.6%
Gonorrhea (GC)	1,588	51.6%	46.0%
Chlamydia (CT)	838	27.2%	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.
- Defined as 'ever reported' during the 2010-2014 period.
- Early Syphilis includes all cases staged as primary, secondary, or early latent.
- Percentages will not add up to 100%. Residents can be added more than once down a column.
- 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	94,448	48.8%	49.3%
Female	99,034	51.2%	50.7%
	N	%	LAC %
Age			
0-12	46,717	24.1%	16.6%
13-19	24,597	12.7%	9.7%
20-29	33,689	17.4%	15.3%
30-39	26,792	13.8%	14.4%
40-49	23,515	12.2%	14.0%
50-59	19,532	10.1%	13.0%
60+	18,640	9.6%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	1,539	0.8%	28.4%
African American	51,011	26.4%	8.6%
Latino	140,192	72.5%	48.2%
Asian	342	0.2%	14.4%
AI/AN	273	0.1%	0.2%
NHOPI	125	0.1%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	73,830	38.2%	18.1%
130% FPL	98,935	51.1%	25.8%
133% FPL	100,136	51.8%	26.4%
200% FPL	136,175	70.4%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	31,650	23.2%	10.1%
Medically Uninsured	40,038	20.7%	17.6%