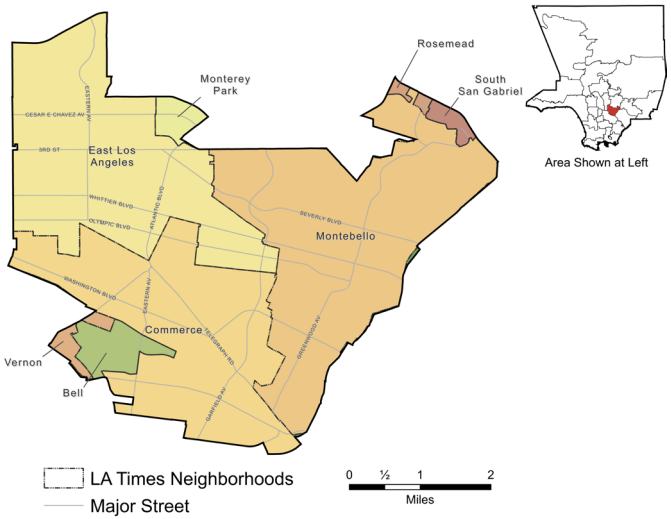
East LA
Health District No. 16



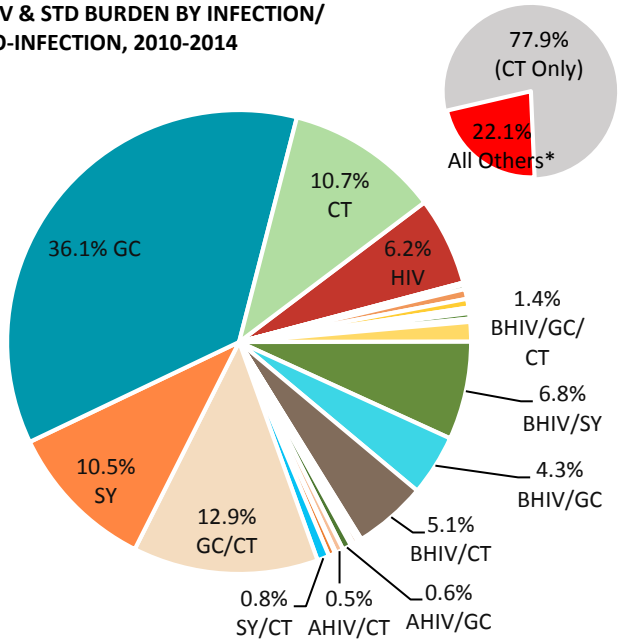
Rank 13 out of 26[1]

Average infections *per infected person*[2] **1.39**

Average infections *per year per square mile*[2] **11.24**

ALL HIV & STD INCIDENTS[3] Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	14	19
Syphilis, 2010-2014	27	32
Gonorrhea, 2010-2014	75	112
Chlamydia, 2010-2014[4]	497	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 PERSONS[2]	N	% of LAC Total
Infections & Co-infections[5]	1,317	1.4%

	N	% of LAC Total
Incidents Represented[3]		
HIV Incidents	140	1.5%
Syphilis Incidents	275	1.7%
Gonorrhea Incidents	764	1.4%
Chlamydia Incidents	434	1.2%

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): **239**
STD Only: **710**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS[2]	N	% of LAC Total
Residents Represented[6]	949	1.5%

	N	%	LAC %
Current Gender[7]			
Male	630	66.5%	69.7%
Female	318	33.5%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
Race/Ethnicity[7]			
White	51	5.4%	20.8%
African American	24	2.5%	29.5%
Latino	819	86.3%	38.1%
Asian	10	1.1%	11.6%
AI/AN[8]	-	-	3.5%
NHOPI[8]	-	-	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	343	36.1%	38.4%
Youth (15-19 years)[9]	88	9.4%	13.4%
Youth (15-24 years)[9]	344	36.2%	38.3%
Pregnant[9]	69	7.3%	4.4%

	N	%	LAC %
Syphilis Stage (if any)[9]			
Early Syphilis[10]	145	15.3%	14.0%
Congenital Syphilis	2	0.2%	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

County of Los Angeles Public Health
Division of HIV and STD Programs

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RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS[2]	N	%	LAC %
Recurrent STD Infections			
Syphilis (SY)			
1 incident	206	21.7%	19.5%
2 incidents	25	2.6%	2.2%
3 incidents	5	0.5%	0.4%
4 or more	1	0.1%	0.1%
Gonorrhea (GC)			
1 incident	583	61.4%	59.6%
2 incidents	54	5.7%	8.1%
3 incidents	12	1.3%	2.0%
4 or more	8	0.8%	1.2%
Chlamydia (CT)			
1 incident	239	25.2%	25.6%
2 incidents	63	6.6%	8.0%
3 incidents	20	2.1%	3.0%
4 or more	2	0.2%	1.7%

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS[2]	N	%	LAC %
Infection & Co-infection Combinations[5,9,11]			
HIV Infection Only	81	8.5%	9.3%
Co-Infected w/HIV			
SY, GC, CT	0	0.0%	0.1%
SY, GC	1	0.1%	0.1%
SY, CT	1	0.1%	0.1%
GC, CT	4	0.3%	0.3%
Syphilis (SY)	9	0.7%	1.0%
Gonorrhea (GC)	8	0.6%	0.6%
Chlamydia (CT)	2	0.2%	0.6%
Acquired HIV Infection **Before** STD			
SY, GC, CT	3	0.3%	0.3%
SY, GC	5	0.5%	0.5%
SY, CT	3	0.3%	0.6%
GC, CT	14	1.5%	2.3%
Syphilis (SY)	70	7.4%	7.7%
Gonorrhea (GC)	43	4.5%	5.9%
Chlamydia (CT)	52	5.5%	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	1	0.1%	0.0%
SY, GC	2	0.2%	0.1%
SY, CT	0	0.0%	0.1%
GC, CT	4	0.4%	0.5%
Syphilis (SY)	3	0.3%	0.5%
Gonorrhea (GC)	6	0.6%	1.1%
Chlamydia (CT)	6	0.6%	1.0%
No HIV Infection			
SY, GC, CT	1	0.1%	0.2%
SY, GC	6	0.6%	0.6%
SY, CT	10	1.1%	0.7%
GC, CT	161	17.0%	18.4%
Syphilis (SY)	130	13.7%	10.6%
Gonorrhea (GC)	437	46.0%	46.0%
Chlamydia (CT)	116	12.2%	15.4%

[1] 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.

[2] Residents with only Chlamydia incidents are excluded for all data shown "among infected persons".

[3] Consists of reported incidents during the 2010-2014 period without regard to other co-infections.

[4] Residents with only Chlamydia incidents are included in the rate calculation.

[5] Co-infection is defined as occurring within +/- 30 days of the HIV or STD incident.

[6] Resident status is determined by the latest address on file across all data sources.

[7] 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.

[8] AI/AN = American Indian/Alaskan Native. NHOPI = Native Hawaiian/Other Pacific Islander.

[9] Defined as 'ever reported' during the 2010-2014 period.

[10] Early Syphilis includes all cases staged as primary, secondary, or early latent.

[11] Percentages will not add up to 100%. Residents can be added more than once down a column.

[12] 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	100,954	49.4%	49.3%
Female	103,555	50.6%	50.7%
Age			
0-12	40,941	20.0%	16.6%
13-19	22,736	11.1%	9.7%
20-29	32,523	15.9%	15.3%
30-39	29,190	14.3%	14.4%
40-49	26,481	12.9%	14.0%
50-59	21,475	10.5%	13.0%
60+	31,163	15.2%	17.0%
Race/Ethnicity			
White	8,491	4.2%	28.4%
African American	1,008	0.5%	8.6%
Latino	185,534	90.7%	48.2%
Asian	9,060	4.4%	14.4%
AI/AN	350	0.2%	0.2%
NHOPI	66	0.0%	0.2%
Poverty Level			
100% FPL	48,043	23.5%	18.1%
130% FPL	73,317	35.9%	25.8%
133% FPL	74,166	36.3%	26.4%
200% FPL	131,054	64.1%	40.4%
Insurance Status			
Medi-Cal Eligible ↓ 200% FPL[12]	31,882	24.3%	10.1%
Medically Uninsured	45,573	22.3%	17.6%

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