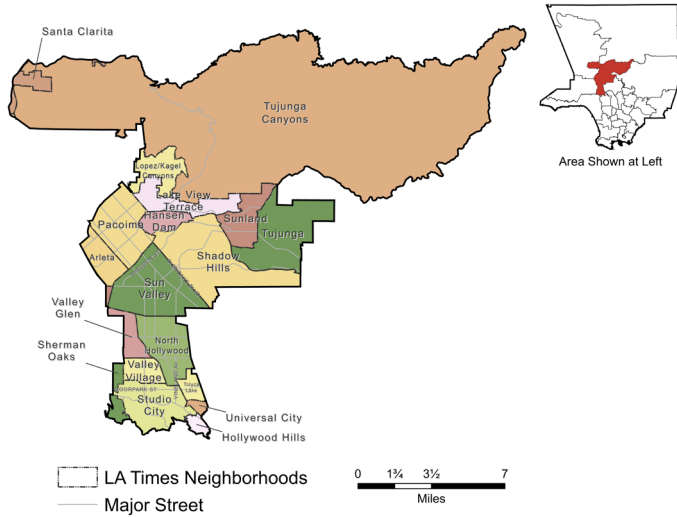
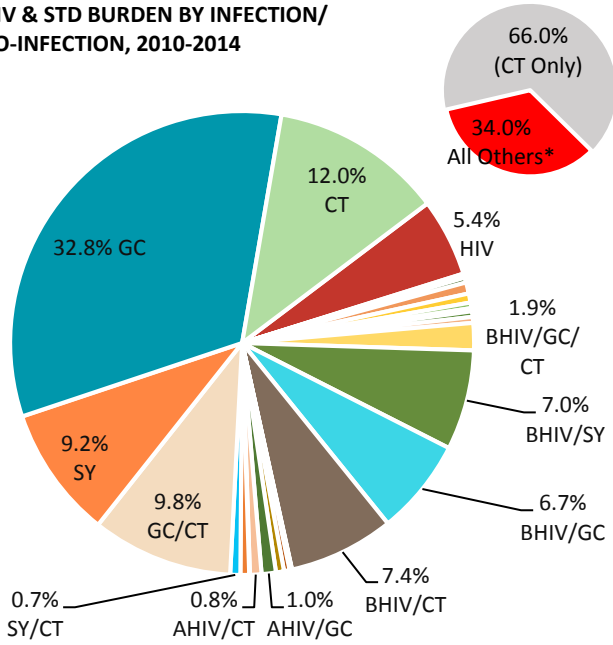


East Valley

Health District No. 19



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): **876**
 STD Only: **1,818**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS ²		
	N	% of LAC Total
Residents Represented ⁶	2,694	4.2%

	N	%	LAC %
Current Gender⁷			
Male	2,089	77.5%	69.7%
Female	598	22.2%	29.9%
Transgender	6	0.2%	0.3%
Transgender M-F	-	-	0.2%
Transgender F-M	-	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	858	31.8%	20.8%
African American	398	14.8%	29.5%
Latino	1,165	43.2%	38.1%
Asian	65	2.4%	11.6%
AI/AN ⁸	10	0.4%	3.5%
NHOP ⁸	-	-	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	1,343	49.9%	38.4%
Youth (15-19 years) ⁹	203	7.5%	13.4%
Youth (15-24 years) ⁹	824	30.6%	38.3%
Pregnant ⁹	65	2.4%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	521	19.3%	14.0%
Congenital Syphilis	5	0.2%	0.1%

Rank **10** out of 26¹

Average infections per infected person² **1.53**

Average infections per year per square mile² **4.29**

ALL HIV & STD INCIDENTS ³		
Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	18	19
Syphilis, 2010-2014	38	32
Gonorrhea, 2010-2014	102	112
Chlamydia, 2010-2014 ⁴	423	461

INFECTION CHARACTERISTICS AMONG INFECTED PERSONS ²		
	N	% of LAC Total
Infections & Co-infections ⁵	4,116	4.2%

	N	% of LAC Total
Incidents Represented³		
HIV Incidents	403	4.2%
Syphilis Incidents	838	5.2%
Gonorrhea Incidents	2,270	4.1%
Chlamydia Incidents	1,429	3.9%

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	687	25.5%	19.5%
2 incidents	66	2.4%	2.2%
3 incidents	5	0.2%	0.4%
4 or more	1	0.0%	0.1%
Gonorrhea (GC)			
1 incident	1,483	55.0%	59.6%
2 incidents	220	8.2%	8.1%
3 incidents	55	2.0%	2.0%
4 or more	38	1.4%	1.2%
Chlamydia (CT)			
1 incident	679	25.2%	25.6%
2 incidents	177	6.6%	8.0%
3 incidents	74	2.7%	3.0%
4 or more	38	1.4%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	224	8.3%	9.3%
Co-Infected w/HIV			
SY, GC, CT	3	0.1%	0.1%
SY, GC	4	0.1%	0.1%
SY, CT	5	0.2%	0.1%
GC, CT	14	0.3%	0.3%
Syphilis (SY)	32	0.8%	1.0%
Gonorrhea (GC)	26	0.6%	0.6%
Chlamydia (CT)	16	0.4%	0.6%
Acquired HIV Infection <u>Before</u> STD			
SY, GC, CT	9	0.3%	0.3%
SY, GC	16	0.6%	0.5%
SY, CT	17	0.6%	0.6%
GC, CT	64	2.4%	2.3%
Syphilis (SY)	245	9.1%	7.7%
Gonorrhea (GC)	205	7.6%	5.9%
Chlamydia (CT)	222	8.2%	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	1	0.0%	0.0%
SY, GC	2	0.1%	0.1%
SY, CT	4	0.1%	0.1%
GC, CT	15	0.6%	0.5%
Syphilis (SY)	22	0.8%	0.5%
Gonorrhea (GC)	34	1.3%	1.1%
Chlamydia (CT)	23	0.9%	1.0%
No HIV Infection			
SY, GC, CT	2	0.1%	0.2%
SY, GC	25	0.9%	0.6%
SY, CT	28	1.0%	0.7%
GC, CT	386	14.3%	18.4%
Syphilis (SY)	367	13.6%	10.6%
Gonorrhea (GC)	1,149	42.7%	46.0%
Chlamydia (CT)	352	13.1%	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	226,818	50.1%	49.3%
Female	226,116	49.9%	50.7%
	N	%	LAC %
Age			
0-12	75,373	16.6%	16.6%
13-19	39,763	8.8%	9.7%
20-29	69,127	15.3%	15.3%
30-39	71,914	15.9%	14.4%
40-49	65,137	14.4%	14.0%
50-59	58,828	13.0%	13.0%
60+	72,792	16.1%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	155,636	34.4%	28.4%
African American	17,363	3.8%	8.6%
Latino	247,881	54.7%	48.2%
Asian	30,778	6.8%	14.4%
AI/AN	872	0.2%	0.2%
NHOPI	404	0.1%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	81,089	17.9%	18.1%
130% FPL	122,269	27.0%	25.8%
133% FPL	124,852	27.6%	26.4%
200% FPL	197,807	43.7%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	50,238	25.4%	10.1%
Medically Uninsured	81,854	18.1%	17.6%