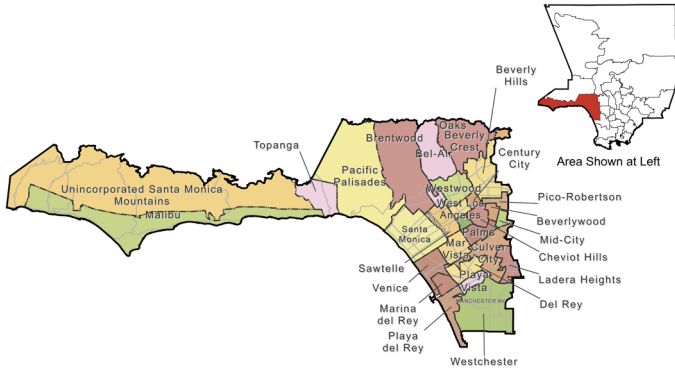
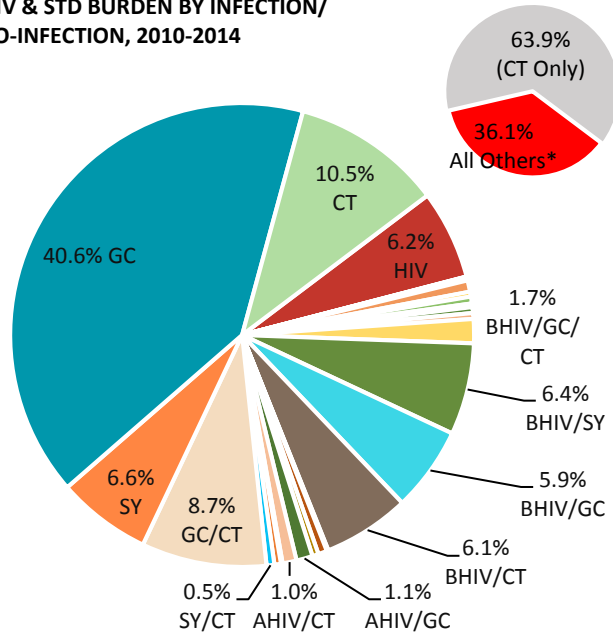


West Health District No. 84



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): 863
STD Only: 2,132

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Residents Represented ⁶	2,995	4.7%

	N	%	LAC %
Current Gender⁷			
Male	2,351	78.5%	69.7%
Female	640	21.4%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	1,404	46.9%	20.8%
African American	500	16.7%	29.5%
Latino	590	19.7%	38.1%
Asian	221	7.4%	11.6%
AI/AN ⁸	16	0.5%	3.5%
NHOP ⁸	10	0.3%	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	1,393	46.5%	38.4%
Youth (15-19 years) ⁹	197	6.6%	13.4%
Youth (15-24 years) ⁹	890	29.7%	38.3%
Pregnant ⁹	36	1.2%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	439	14.7%	14.0%
Congenital Syphilis	0	0.0%	0.1%

INFECTION CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Infections & Co-infections⁵		
Infections & Co-infections ⁵	4,406	4.5%

	N	% of LAC Total
Incidents Represented³		
HIV Incidents	456	4.7%
Syphilis Incidents	731	4.5%
Gonorrhea Incidents	2,667	4.8%
Chlamydia Incidents	1,352	3.6%

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)

Rank **14** out of 26¹

Average infections per infected person² **1.47**

Average infections per year per square mile² **4.65**

ALL HIV & STD INCIDENTS ³	Rate Per 100,000 Person-Years	Los Angeles County (LAC) Rate
	Rate	Rate
HIV, 2010-2014	14	19
Syphilis, 2010-2014	23	32
Gonorrhea, 2010-2014	83	112
Chlamydia, 2010-2014 ⁴	284	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	540	18.0%	19.5%
2 incidents	68	2.3%	2.2%
3 incidents	14	0.5%	0.4%
4 or more	3	0.1%	0.1%
Gonorrhea (GC)			
1 incident	1,849	61.7%	59.6%
2 incidents	233	7.8%	8.1%
3 incidents	63	2.1%	2.0%
4 or more	33	1.1%	1.2%
Chlamydia (CT)			
1 incident	645	21.5%	25.6%
2 incidents	179	6.0%	8.0%
3 incidents	55	1.8%	3.0%
4 or more	39	1.3%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	274	9.2%	9.3%
Co-Infected w/HIV			
SY, GC, CT	1	0.0%	0.1%
SY, GC	1	0.0%	0.1%
SY, CT	3	0.1%	0.1%
GC, CT	7	0.2%	0.3%
Syphilis (SY)	35	0.8%	1.0%
Gonorrhea (GC)	15	0.3%	0.6%
Chlamydia (CT)	21	0.5%	0.6%
Acquired HIV Infection <u>Before</u> STD			
SY, GC, CT	11	0.4%	0.3%
SY, GC	16	0.5%	0.5%
SY, CT	17	0.6%	0.6%
GC, CT	63	2.1%	2.3%
Syphilis (SY)	230	7.7%	7.7%
Gonorrhea (GC)	196	6.5%	5.9%
Chlamydia (CT)	199	6.6%	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	2	0.1%	0.0%
SY, GC	1	0.0%	0.1%
SY, CT	2	0.1%	0.1%
GC, CT	24	0.8%	0.5%
Syphilis (SY)	18	0.6%	0.5%
Gonorrhea (GC)	32	1.1%	1.1%
Chlamydia (CT)	32	1.1%	1.0%
No HIV Infection			
SY, GC, CT	5	0.2%	0.2%
SY, GC	20	0.7%	0.6%
SY, CT	24	0.8%	0.7%
GC, CT	364	12.2%	18.4%
Syphilis (SY)	280	9.3%	10.6%
Gonorrhea (GC)	1,587	53.0%	46.0%
Chlamydia (CT)	333	11.1%	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.
- 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	316,041	48.5%	49.3%
Female	336,119	51.5%	50.7%
	N	%	LAC %
Age			
0-12	79,034	12.1%	16.6%
13-19	47,003	7.2%	9.7%
20-29	98,915	15.2%	15.3%
30-39	112,715	17.3%	14.4%
40-49	95,496	14.6%	14.0%
50-59	84,348	12.9%	13.0%
60+	134,649	20.6%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	417,621	64.0%	28.4%
African American	37,816	5.8%	8.6%
Latino	104,634	16.0%	48.2%
Asian	90,096	13.8%	14.4%
AI/AN	1,006	0.2%	0.2%
NHOPI	987	0.2%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	76,532	11.7%	18.1%
130% FPL	99,242	15.2%	25.8%
133% FPL	100,476	15.4%	26.4%
200% FPL	144,411	22.1%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	37,578	26.0%	10.1%
Medically Uninsured	85,608	13.1%	17.6%