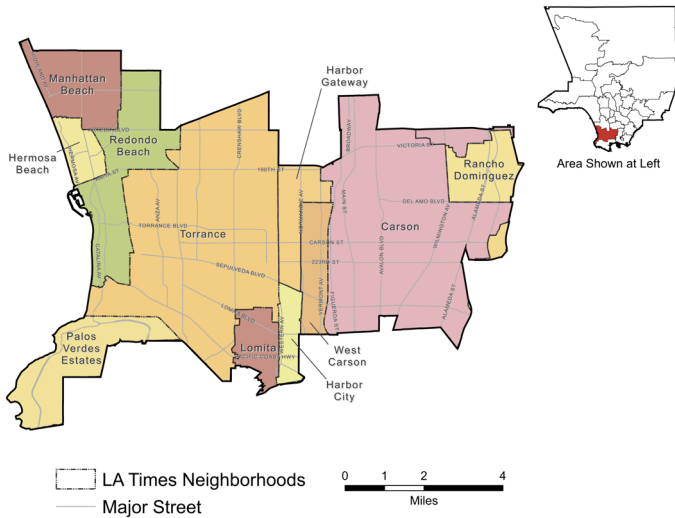
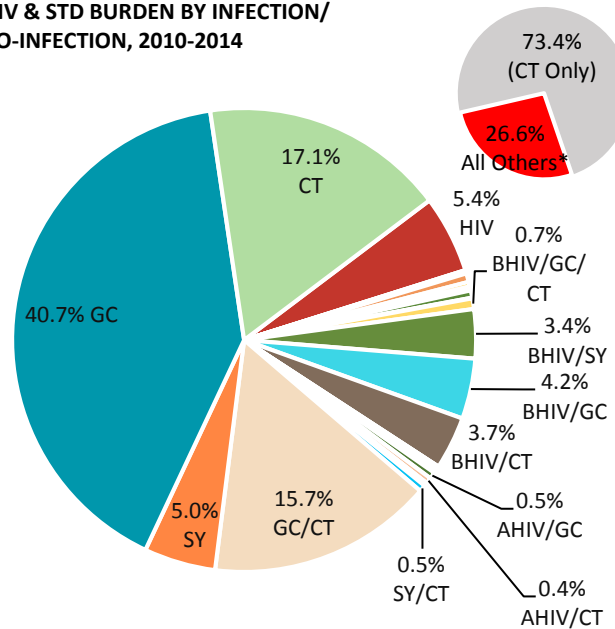


Torrance

Health District No. 79



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): **287**

STD Only: **1,188**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Residents Represented ⁶	1,475	2.3%

	N	%	LAC %
Current Gender⁷			
Male	920	62.4%	69.7%
Female	553	37.5%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	345	23.4%	20.8%
African American	508	34.4%	29.5%
Latino	354	24.0%	38.1%
Asian	119	8.1%	11.6%
AI/AN ⁸	<5	-	3.5%
NHOP ⁸	12	0.8%	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	389	26.4%	38.4%
Youth (15-19 years) ⁹	220	14.9%	13.4%
Youth (15-24 years) ⁹	631	42.8%	38.3%
Pregnant ⁹	66	4.5%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	126	8.5%	14.0%
Congenital Syphilis	0	0.0%	0.1%

Rank **21** out of 26¹

Average infections per infected person² **1.47**

Average infections per year per square mile² **6.44**

ALL HIV & STD INCIDENTS ³		
Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	8	19
Syphilis, 2010-2014	10	32
Gonorrhea, 2010-2014	60	112
Chlamydia, 2010-2014 ⁴	298	461

INFECTION CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Infections & Co-infections ⁵	2,162	2.2%

	N	% of LAC Total
Incidents Represented ³		

HIV Incidents	179	1.9%
Syphilis Incidents	232	1.4%
Gonorrhea Incidents	1,370	2.5%
Chlamydia Incidents	843	2.3%

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	181	12.3%	19.5%
2 incidents	21	1.4%	2.2%
3 incidents	3	0.2%	0.4%
4 or more	0	0.0%	0.1%
Gonorrhea (GC)			
1 incident	1,017	68.9%	59.6%
2 incidents	103	7.0%	8.1%
3 incidents	28	1.9%	2.0%
4 or more	13	0.9%	1.2%
Chlamydia (CT)			
1 incident	375	25.4%	25.6%
2 incidents	120	8.1%	8.0%
3 incidents	41	2.8%	3.0%
4 or more	22	1.5%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	117	7.9%	9.3%
Co-Infected w/HIV			
SY, GC, CT	0	0.0%	0.1%
SY, GC	1	0.1%	0.1%
SY, CT	2	0.1%	0.1%
GC, CT	2	0.1%	0.3%
Syphilis (SY)	13	0.6%	1.0%
Gonorrhea (GC)	7	0.3%	0.6%
Chlamydia (CT)	4	0.2%	0.6%
Acquired HIV Infection Before STD			
SY, GC, CT	2	0.1%	0.3%
SY, GC	10	0.7%	0.5%
SY, CT	1	0.1%	0.6%
GC, CT	14	0.9%	2.3%
Syphilis (SY)	63	4.3%	7.7%
Gonorrhea (GC)	59	4.0%	5.9%
Chlamydia (CT)	54	3.7%	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	0	0.0%	0.1%
SY, CT	2	0.1%	0.1%
GC, CT	5	0.3%	0.5%
Syphilis (SY)	3	0.2%	0.5%
Gonorrhea (GC)	7	0.5%	1.1%
Chlamydia (CT)	7	0.5%	1.0%
No HIV Infection			
SY, GC, CT	0	0.0%	0.2%
SY, GC	5	0.3%	0.6%
SY, CT	10	0.7%	0.7%
GC, CT	323	21.9%	18.4%
Syphilis (SY)	106	7.2%	10.6%
Gonorrhea (GC)	790	53.6%	46.0%
Chlamydia (CT)	252	17.1%	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	225,518	49.1%	49.3%
Female	234,054	50.9%	50.7%
	N	%	LAC %
Age			
0-12	68,672	14.9%	16.6%
13-19	40,797	8.9%	9.7%
20-29	58,366	12.7%	15.3%
30-39	59,312	12.9%	14.4%
40-49	68,534	14.9%	14.0%
50-59	69,570	15.1%	13.0%
60+	94,321	20.5%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	192,614	41.9%	28.4%
African American	34,956	7.6%	8.6%
Latino	111,739	24.3%	48.2%
Asian	115,131	25.1%	14.4%
AI/AN	987	0.2%	0.2%
NHOPI	4,145	0.9%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	37,234	8.1%	18.1%
130% FPL	56,117	12.2%	25.8%
133% FPL	57,646	12.5%	26.4%
200% FPL	107,330	23.4%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	25,702	23.9%	10.1%
Medically Uninsured	65,276	14.2%	17.6%