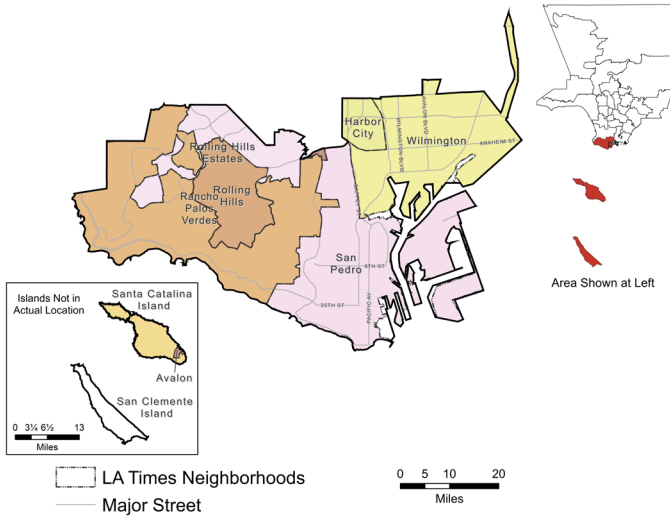
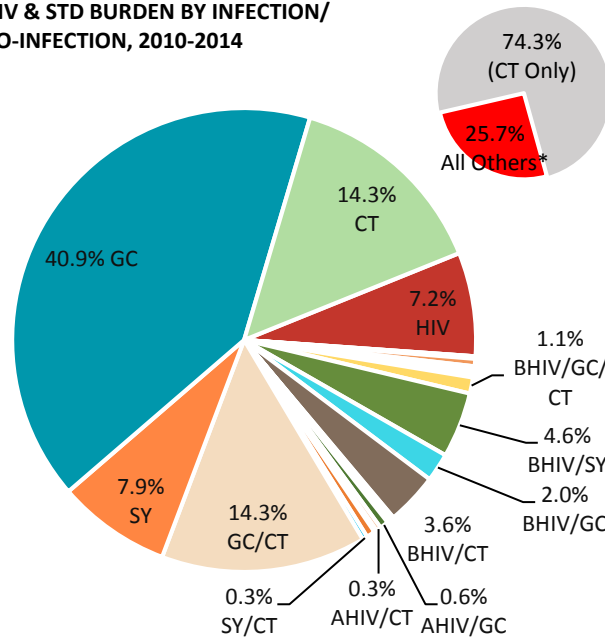


Harbor Health District No. 31



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 PERSONS²

	N	% of LAC Total
Infections & Co-infections ⁵	1,161	1.2%

	N	% of LAC Total
Incidents Represented ³		
HIV Incidents	116	1.2%
Syphilis Incidents	173	1.1%
Gonorrhea Incidents	703	1.3%
Chlamydia Incidents	406	1.1%

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)

Count of infected persons
 PLWH (+ STD): **182**
 STD Only: **660**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS²

	N	% of LAC Total
Residents Represented ⁶	842	1.3%

	N	%	LAC %
Current Gender⁷			
Male	554	65.8%	69.7%
Female	285	33.8%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
Race/Ethnicity⁷			
White	143	17.0%	20.8%
African American	165	19.6%	29.5%
Latino	439	52.3%	38.1%
Asian	26	3.1%	11.6%
AI/AN ⁸	-	-	3.5%
NHOP ⁸	<5	-	0.3%

	N	%	LAC %
Select Populations			
MSM/MSMW	246	29.2%	38.4%
Youth (15-19 years) ⁹	126	15.0%	13.4%
Youth (15-24 years) ⁹	338	40.1%	38.3%
Pregnant ⁹	28	3.3%	4.4%

	N	%	LAC %
Syphilis Stage (if any)⁹			
Early Syphilis ¹⁰	87	10.3%	14.0%
Congenital Syphilis	1	0.1%	0.1%

Rank **15** out of 26¹

Average infections per infected person² **1.38**

Average infections per year per square mile² **1.32**

ALL HIV & STD INCIDENTS ³		
Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	11	19
Syphilis, 2010-2014	17	32
Gonorrhea, 2010-2014	69	112
Chlamydia, 2010-2014 ⁴	371	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	126	15.0%	19.5%
2 incidents	16	1.9%	2.2%
3 incidents	5	0.6%	0.4%
4 or more	0	0.0%	0.1%
Gonorrhea (GC)			
1 incident	563	66.9%	59.6%
2 incidents	48	5.7%	8.1%
3 incidents	9	1.1%	2.0%
4 or more	4	0.5%	1.2%
Chlamydia (CT)			
1 incident	211	25.1%	25.6%
2 incidents	57	6.8%	8.0%
3 incidents	17	2.0%	3.0%
4 or more	7	0.8%	1.7%
	N	%	LAC %
Infection & Co-infection Combinations^{5,9,11}			
HIV Infection Only			
	84	10.0%	9.3%
Co-Infected w/HIV			
SY, GC, CT	0	0.0%	0.1%
SY, GC	1	0.1%	0.1%
SY, CT	0	0.0%	0.1%
GC, CT	1	0.1%	0.3%
Syphilis (SY)	6	0.5%	1.0%
Gonorrhea (GC)	2	0.2%	0.6%
Chlamydia (CT)	3	0.3%	0.6%
Acquired HIV Infection Before STD			
SY, GC, CT	1	0.1%	0.3%
SY, GC	2	0.2%	0.5%
SY, CT	1	0.1%	0.6%
GC, CT	13	1.5%	2.3%
Syphilis (SY)	43	5.1%	7.7%
Gonorrhea (GC)	22	2.6%	5.9%
Chlamydia (CT)	33	3.9%	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	0	0.0%	0.1%
SY, CT	0	0.0%	0.1%
GC, CT	2	0.2%	0.5%
Syphilis (SY)	3	0.4%	0.5%
Gonorrhea (GC)	5	0.6%	1.1%
Chlamydia (CT)	4	0.5%	1.0%
No HIV Infection			
SY, GC, CT	2	0.2%	0.2%
SY, GC	7	0.8%	0.6%
SY, CT	4	0.5%	0.7%
GC, CT	157	18.6%	18.4%
Syphilis (SY)	86	10.2%	10.6%
Gonorrhea (GC)	438	52.0%	46.0%
Chlamydia (CT)	123	14.6%	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	101,738	49.4%	49.3%
Female	104,381	50.6%	50.7%
	N	%	LAC %
Age			
0-12	34,717	16.8%	16.6%
13-19	21,439	10.4%	9.7%
20-29	27,731	13.5%	15.3%
30-39	23,512	11.4%	14.4%
40-49	27,745	13.5%	14.0%
50-59	28,988	14.1%	13.0%
60+	41,987	20.4%	17.0%
	N	%	LAC %
Race/Ethnicity			
White	70,530	34.2%	28.4%
African American	9,728	4.7%	8.6%
Latino	101,082	49.0%	48.2%
Asian	23,385	11.3%	14.4%
AI/AN	497	0.2%	0.2%
NHOPI	897	0.4%	0.2%
	N	%	LAC %
Poverty Level			
100% FPL	35,405	17.2%	18.1%
130% FPL	48,819	23.7%	25.8%
133% FPL	49,156	23.8%	26.4%
200% FPL	71,159	34.5%	40.4%
	N	%	LAC %
Insurance Status			
Medi-Cal Eligible			
↓ 200% FPL ¹²	19,761	27.8%	10.1%
Medically Uninsured	34,898	16.9%	17.6%