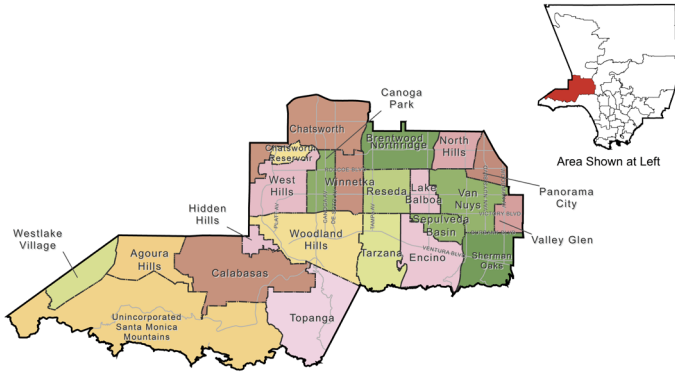
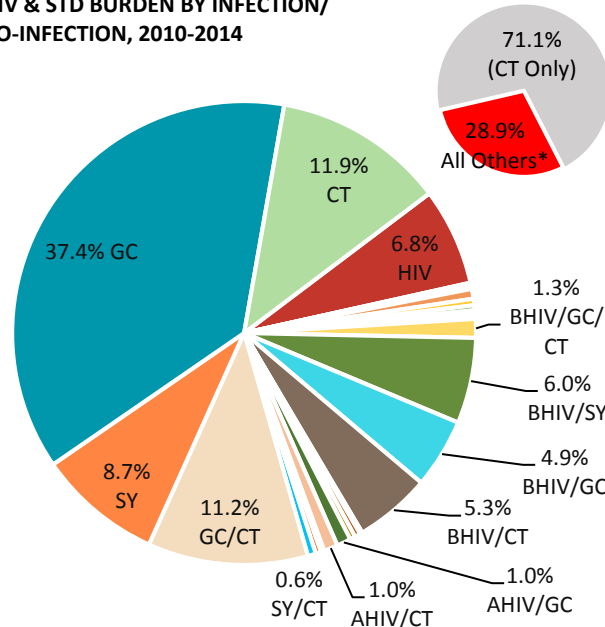


# West Valley

## Health District No. 86



### HIV & STD BURDEN BY INFECTION/CO-INFECTION, 2010-2014



**Count** of infected persons  
**PLWH (+ STD): 1,000**  
**STD Only: 2,564**

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS <sup>2</sup>		
	N	% of LAC Total
Residents Represented <sup>6</sup>	3,564	5.6%

	N	%	LAC %
<b>Current Gender<sup>7</sup></b>			
Male	2,458	69.0%	69.7%
Female	1,101	30.9%	29.9%
Transgender	<5	-	0.3%
Transgender M-F	<5	-	0.2%
Transgender F-M	<5	-	0.0%

	N	%	LAC %
<b>Race/Ethnicity<sup>7</sup></b>			
White	1,017	28.6%	20.8%
African American	453	12.7%	29.5%
Latino	1,518	42.6%	38.1%
Asian	160	4.5%	11.6%
AI/AN <sup>8</sup>	5	0.1%	3.5%
NHOP <sup>8</sup>	15	0.4%	0.3%

	N	%	LAC %
<b>Select Populations</b>			
MSM/MSMW	1,322	37.1%	38.4%
Youth (15-19 years) <sup>9</sup>	379	10.6%	13.4%
Youth (15-24 years) <sup>9</sup>	1,236	34.7%	38.3%
Pregnant <sup>9</sup>	96	2.7%	4.4%

	N	%	LAC %
<b>Syphilis Stage (if any)<sup>9</sup></b>			
Early Syphilis <sup>10</sup>	487	13.7%	14.0%
Congenital Syphilis	8	0.2%	0.1%

\*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 <sup>2</sup>		
	N	% of LAC Total
Infections & Co-infections <sup>5</sup>	5,106	5.3%

	N	% of LAC Total
<b>Incidents Represented<sup>3</sup></b>		
HIV Incidents	533	5.5%
Syphilis Incidents	912	5.6%
Gonorrhea Incidents	2,962	5.3%
Chlamydia Incidents	1,690	4.6%

**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 16** out of 26<sup>1</sup>

Average infections per infected person<sup>2</sup> **1.43**

Average infections per year per square mile<sup>2</sup> **5.08**

ALL HIV & STD INCIDENTS <sup>3</sup>		
Rate Per 100,000 Person-Years	Rate	Los Angeles County (LAC) Rate
HIV, 2010-2014	12	19
Syphilis, 2010-2014	21	32
Gonorrhea, 2010-2014	68	112
Chlamydia, 2010-2014 <sup>4</sup>	327	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 <sup>2</sup>			
	N	%	LAC %
<b>Recurrent STD Infections</b>			
Syphilis (SY)			
1 incident	763	21.4%	19.5%
2 incidents	55	1.5%	2.2%
3 incidents	13	0.4%	0.4%
4 or more	0	0.0%	0.1%
Gonorrhea (GC)			
1 incident	2,099	58.9%	59.6%
2 incidents	248	7.0%	8.1%
3 incidents	70	2.0%	2.0%
4 or more	34	1.0%	1.2%
Chlamydia (CT)			
1 incident	832	23.3%	25.6%
2 incidents	248	7.0%	8.0%
3 incidents	58	1.6%	3.0%
4 or more	40	1.1%	1.7%
	N	%	LAC %
<b>Infection &amp; Co-infection Combinations<sup>5,9,11</sup></b>			
HIV Infection Only			
	347	9.7%	9.3%
Co-Infected w/HIV			
SY, GC, CT	2	0.1%	0.1%
SY, GC	4	0.1%	0.1%
SY, CT	5	0.1%	0.1%
GC, CT	11	0.2%	0.3%
Syphilis (SY)	35	0.7%	1.0%
Gonorrhea (GC)	23	0.5%	0.6%
Chlamydia (CT)	18	0.4%	0.6%
Acquired HIV Infection <b>Before</b> STD			
SY, GC, CT	9	0.3%	0.3%
SY, GC	12	0.3%	0.5%
SY, CT	9	0.3%	0.6%
GC, CT	62	1.7%	2.3%
Syphilis (SY)	258	7.2%	7.7%
Gonorrhea (GC)	187	5.2%	5.9%
Chlamydia (CT)	201	5.6%	6.3%

RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS <sup>2</sup>			
	N	%	LAC %
<b>Infection &amp; Co-infection Combinations<sup>5,9,11</sup></b>			
Acquired HIV Infection <b>After</b> STD			
SY, GC, CT	4	0.1%	0.0%
SY, GC	3	0.1%	0.1%
SY, CT	2	0.1%	0.1%
GC, CT	15	0.4%	0.5%
Syphilis (SY)	18	0.5%	0.5%
Gonorrhea (GC)	41	1.2%	1.1%
Chlamydia (CT)	37	1.0%	1.0%
No HIV Infection			
SY, GC, CT	12	0.3%	0.2%
SY, GC	19	0.5%	0.6%
SY, CT	29	0.8%	0.7%
GC, CT	542	15.2%	18.4%
Syphilis (SY)	431	12.1%	10.6%
Gonorrhea (GC)	1,677	47.1%	46.0%
Chlamydia (CT)	441	12.4%	15.4%

<sup>1</sup> 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.

<sup>2</sup> Residents with only Chlamydia incidents are excluded for all data shown "among infected persons".

<sup>3</sup> Consists of reported incidents during the 2010-2014 period without regard to other co-infections.

<sup>4</sup> Residents with only Chlamydia incidents are included in the rate calculation.

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

<sup>6</sup> Resident status is determined by the latest address on file across all data sources.

<sup>7</sup> 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.

<sup>8</sup> AI/AN = American Indian/Alaskan Native. NHOPI = Native Hawaiian/Other Pacific Islander.

<sup>9</sup> Defined as 'ever reported' during the 2010-2014 period.

<sup>10</sup> Early Syphilis includes all cases staged as primary, secondary, or early latent.

<sup>11</sup> Percentages will not add up to 100%. Residents can be added more than once down a column.

<sup>12</sup> 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 %
<b>Sex</b>			
Male	436,201	49.4%	49.3%
Female	445,915	50.6%	50.7%
	N	%	LAC %
<b>Age</b>			
0-12	142,301	16.1%	16.6%
13-19	80,619	9.1%	9.7%
20-29	127,125	14.4%	15.3%
30-39	124,587	14.1%	14.4%
40-49	126,579	14.3%	14.0%
50-59	120,764	13.7%	13.0%
60+	160,141	18.2%	17.0%
	N	%	LAC %
<b>Race/Ethnicity</b>			
White	393,098	44.6%	28.4%
African American	36,682	4.2%	8.6%
Latino	349,473	39.6%	48.2%
Asian	100,376	11.4%	14.4%
AI/AN	1,501	0.2%	0.2%
NHOPI	986	0.1%	0.2%
	N	%	LAC %
<b>Poverty Level</b>			
100% FPL	147,070	16.7%	18.1%
130% FPL	207,984	23.6%	25.8%
133% FPL	211,815	24.0%	26.4%
200% FPL	307,564	34.9%	40.4%
	N	%	LAC %
<b>Insurance Status</b>			
Medi-Cal Eligible			
↓ 200% FPL <sup>12</sup>	81,197	26.4%	10.1%
Medically Uninsured	142,168	16.1%	17.6%