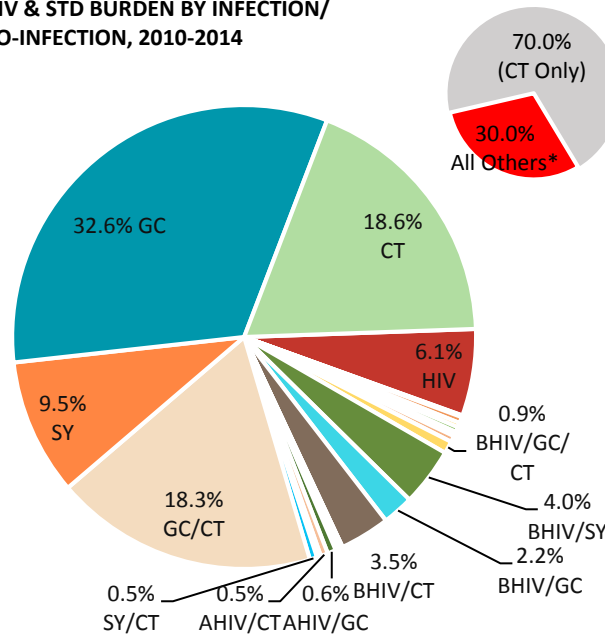


# Southeast

## Health District No. 72

### 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 PERSONS<sup>2</sup>

	N	% of LAC Total
<b>Infections &amp; Co-infections<sup>5</sup></b>	2,545	2.6%

	N	% of LAC Total
<b>Incidents Represented<sup>3</sup></b>		
HIV Incidents	219	2.3%
Syphilis Incidents	404	2.5%
Gonorrhea Incidents	1,418	2.6%
Chlamydia Incidents	1,117	3.0%

**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): **346**  
 STD Only: **1,331**

#### RESIDENT CHARACTERISTICS AMONG INFECTED PERSONS<sup>2</sup>

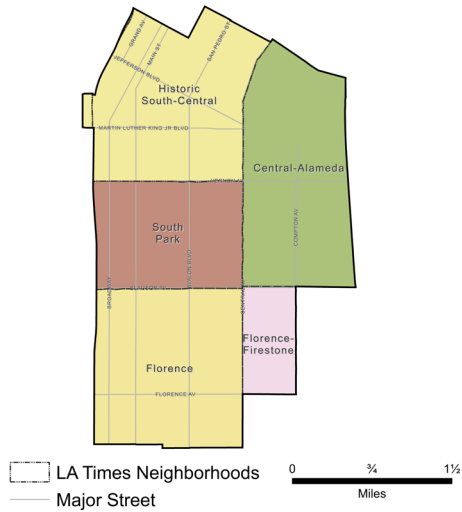
	N	% of LAC Total
<b>Residents Represented<sup>6</sup></b>	1,677	2.6%

	N	%	LAC %
<b>Current Gender<sup>7</sup></b>			
Male	935	55.8%	69.7%
Female	739	44.1%	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	37	2.2%	20.8%
African American	768	45.8%	29.5%
Latino	820	48.9%	38.1%
Asian	<5	-	11.6%
AI/AN <sup>8</sup>	-	-	3.5%
NHOP <sup>8</sup>	-	-	0.3%

	N	%	LAC %
<b>Select Populations</b>			
MSM/MSMW	348	20.8%	38.4%
Youth (15-19 years) <sup>9</sup>	353	21.0%	13.4%
Youth (15-24 years) <sup>9</sup>	806	48.1%	38.3%
Pregnant <sup>9</sup>	134	8.0%	4.4%

	N	%	LAC %
<b>Syphilis Stage (if any)<sup>9</sup></b>			
Early Syphilis <sup>10</sup>	183	10.9%	14.0%
Congenital Syphilis	5	0.3%	0.1%



Rank **5** out of 26<sup>1</sup>

Average infections per infected person<sup>2</sup> **1.52**

Average infections per year per square mile<sup>2</sup> **62.11**

ALL HIV & STD INCIDENTS <sup>3</sup>		Los Angeles County (LAC) Rate
Rate Per 100,000 Person-Years	Rate	
HIV, 2010-2014	26	19
Syphilis, 2010-2014	47	32
Gonorrhea, 2010-2014	165	112
Chlamydia, 2010-2014 <sup>4</sup>	823	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	329	19.6%	19.5%
2 incidents	25	1.5%	2.2%
3 incidents	7	0.4%	0.4%
4 or more	1	0.1%	0.1%
Gonorrhea (GC)			
1 incident	1,006	60.0%	59.6%
2 incidents	131	7.8%	8.1%
3 incidents	23	1.4%	2.0%
4 or more	18	1.1%	1.2%
Chlamydia (CT)			
1 incident	455	27.1%	25.6%
2 incidents	146	8.7%	8.0%
3 incidents	73	4.4%	3.0%
4 or more	31	1.8%	1.7%
	N	%	LAC %
<b>Infection &amp; Co-infection Combinations<sup>5,9,11</sup></b>			
HIV Infection Only			
	154	9.2%	9.3%
Co-Infected w/HIV			
SY, GC, CT	1	0.1%	0.1%
SY, GC	0	0.0%	0.1%
SY, CT	1	0.1%	0.1%
GC, CT	1	0.0%	0.3%
Syphilis (SY)	11	0.4%	1.0%
Gonorrhea (GC)	8	0.3%	0.6%
Chlamydia (CT)	9	0.4%	0.6%
Acquired HIV Infection <b>Before</b> STD			
SY, GC, CT	7	0.4%	0.3%
SY, GC	1	0.1%	0.5%
SY, CT	11	0.7%	0.6%
GC, CT	18	1.1%	2.3%
Syphilis (SY)	79	4.7%	7.7%
Gonorrhea (GC)	43	2.6%	5.9%
Chlamydia (CT)	57	3.4%	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	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)	4	0.2%	0.5%
Gonorrhea (GC)	10	0.6%	1.1%
Chlamydia (CT)	10	0.6%	1.0%
No HIV Infection			
SY, GC, CT	2	0.1%	0.2%
SY, GC	5	0.3%	0.6%
SY, CT	12	0.7%	0.7%
GC, CT	417	24.9%	18.4%
Syphilis (SY)	235	14.0%	10.6%
Gonorrhea (GC)	739	44.1%	46.0%
Chlamydia (CT)	319	19.0%	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 rate calculations.
- <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	87,862	50.4%	49.3%
Female	86,303	49.6%	50.7%
	N	%	LAC %
<b>Age</b>			
0-12	42,371	24.3%	16.6%
13-19	21,362	12.3%	9.7%
20-29	29,963	17.2%	15.3%
30-39	26,856	15.4%	14.4%
40-49	22,625	13.0%	14.0%
50-59	16,271	9.3%	13.0%
60+	14,717	8.5%	17.0%
	N	%	LAC %
<b>Race/Ethnicity</b>			
White	1,371	0.8%	28.4%
African American	20,485	11.8%	8.6%
Latino	151,351	86.9%	48.2%
Asian	757	0.4%	14.4%
AI/AN	169	0.1%	0.2%
NHOPI	32	0.0%	0.2%
	N	%	LAC %
<b>Poverty Level</b>			
100% FPL	78,766	45.2%	18.1%
130% FPL	103,022	59.2%	25.8%
133% FPL	103,958	59.7%	26.4%
200% FPL	136,555	78.4%	40.4%
	N	%	LAC %
<b>Insurance Status</b>			
Medi-Cal Eligible			
↓ 200% FPL <sup>12</sup>	33,879	24.8%	10.1%
Medically Uninsured	39,564	22.7%	17.6%