Mapping HIV Prevention and Treatment in Los Angeles County

A Countywide Snapshot of Publicly-funded Testing, Prevention, and Treatment

March 2009

COUNTY OF LOS ANGELES
Public Health
Office of AIDS Programs & Policy
# Table of Contents

## Section I: HIV Care and Treatment

<table>
<thead>
<tr>
<th>Map</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AIDS Case Rates by Health District (2007), Los Angeles County</td>
</tr>
<tr>
<td>2</td>
<td>AIDS Cases Diagnosed in 2007 by Health District, Los Angeles County</td>
</tr>
<tr>
<td>3</td>
<td>AIDS Cases by Health District, Cumulative as of 2007, Los Angeles County</td>
</tr>
<tr>
<td>4</td>
<td>Distribution of HIV &amp; Counseling Testing Sites and AIDS Cases by Service Planning Areas (SPA), 2008, Los Angeles County</td>
</tr>
<tr>
<td>5</td>
<td>Home Based Case Management, Client Frequency Distribution by Zip Code, March 2007 - February 2008, Los Angeles County</td>
</tr>
<tr>
<td>6</td>
<td>Hospitals and Comprehensive Health Care Centers, 2007 AIDS Cases by Health District; Los Angeles County</td>
</tr>
<tr>
<td>7</td>
<td>Public and Private Hospitals and Comprehensive Care Centers, Los Angeles County</td>
</tr>
<tr>
<td>8</td>
<td>Medical Outpatient Clients by Service Planning Area, Los Angeles County March 2007 - February 2008</td>
</tr>
<tr>
<td>9</td>
<td>Home Based Case Management, Medical Outpatient Clinic and HIV Counseling and Testing Sites, 2008; Supervisorial District 2</td>
</tr>
<tr>
<td>10</td>
<td>Care Service Delivery Sites by Service Category, March 2007 - February 2008; Los Angeles County</td>
</tr>
<tr>
<td>11</td>
<td>Distribution of Care Clients, Service Planning Area 1 (Antelope Valley), March 2007 - February 2008; Los Angeles County</td>
</tr>
</tbody>
</table>
Map    Title

12    Distribution of Medical Outpatient Clients, Service Planning Area 1 (Antelope Valley), March 2007 - February 2008, Los Angeles County

13    Density of Care Clients, Service Planning Area 1 (Antelope Valley), March 2007 - February 2008, Los Angeles County

14    Density of Medical Outpatient Clients, Service Planning Area 1 (Antelope Valley), March 2007 - February 2008, Los Angeles County

15    Distribution of Care Clients, Service Planning Area 2 (San Fernando), Contract Year 2007, Los Angeles County

16    Distribution of Medical Outpatient Clients, Service Planning Area 2 (San Fernando), Contract Year 2007, Los Angeles County

17    Density of Care Clients, Service Planning Area 2 (San Fernando), Contract Year 2007, Los Angeles County

18    Density of Medical Outpatient Clients; Service Planning Area 2 (San Fernando); Contract Year 2007 Los Angeles County

19    Distribution of Care Clients, Service Planning Area 3 (San Gabriel), March 2007 - February 2008, Los Angeles County

20    Distribution of Care Medical Outpatient Clients, Service Planning Area 3 (San Gabriel), March 2007 - February 2008, Los Angeles County

21    Density of Care Clients, Service Planning Area 3 (San Gabriel), March 2007 - February 2008, Los Angeles County

22    Density of Medical Outpatient Clients, Service Planning Area 3 (San Gabriel) March 2007 - February 2008, Los Angeles County

23    Distribution of Care Clients, Service Planning Area 4 (Metro), March 2007 - February 2008, Los Angeles County
Map | Title
--- | ---
24 | Distribution of Medical Outpatient Clients, Service Planning Area 4 (Metro), March 2007 - February 2008, Los Angeles County
25 | Density of Care Clients, Service Planning Area 4 (Metro), March 2007 - February 2008, Los Angeles County
26 | Density of Medical Outpatient Clients, Service Planning Area 4 (Metro), March 2007 - February 2008, Los Angeles County
27 | Distribution of Care Clients, Service Planning Area 5 (West), March 2007 - February 2008, Los Angeles County
28 | Distribution of Medical Outpatient Clients, Service Planning Area 5 (West), March 2007 - February 2008, Los Angeles County
29 | Density of Care Clients, Service Planning Area 5 (West), March 2007 - February 2008, Los Angeles County
30 | Density of Ryan White Care Medical Outpatient Clients, Service Planning Area 5 (West), March 2007 - February 2008, Los Angeles County
31 | Distribution of Care Clients, Service Planning Area 6 (South), March 2007 - February 2008, Los Angeles County
32 | Distribution of Medical Outpatient Clients, Service Planning Area 6 (South), March 2007 - February 2008, Los Angeles County
33 | Density of Care Clients, Service Planning Area 6 (South), March 2007 - February 2008, Los Angeles County
34 | Density of Medical Outpatient Clients, Service Planning Area 6 (South), March 2007 - February 2008, Los Angeles County
35 | Distribution of Care Clients, Service Planning Area 7 (East), March 2007 - February 2008, Los Angeles County
Map Title

36 Distribution of Medical Outpatient Clients, Service Planning Area 7 (East), March 2007 - February 2008, Los Angeles County

37 Density of Care Clients, Service Planning Area 7 (East), March 2007 - February 2008, Los Angeles County

38 Distribution of Medical Outpatient Clients, Service Planning Area 7 (East), March 2007 - February 2008, Los Angeles County

39 Distribution of Care Clients, Service Planning Area 8 (South Bay), March 2007 - February 2008, Los Angeles County

40 Distribution of Medical Outpatient Clients, Service Planning Area 8 (South Bay), March 2007 - February 2008, Los Angeles County

41 Density of Care Clients, Service Planning Area 8 (South Bay), March 2007 - February 2008, Los Angeles County

42 Distribution of Medical Outpatient Clients, Service Planning Area 8 (South Bay), March 2007 - February 2008, Los Angeles County

Section II: HIV Counseling and Testing

Map Title


44 City of Los Angeles High-risk HIV-negatives by Zip Code (2007)

45 New HIV Positive Tests by Zip Code of Residence, Calendar Year 2007

<table>
<thead>
<tr>
<th>Map</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>HIV Counseling &amp; Testing Sites (2008)</td>
</tr>
<tr>
<td>49</td>
<td>HIV Counseling and Testing Week Target Zip Codes (2007)</td>
</tr>
<tr>
<td>50</td>
<td>HIV Counseling and Testing Week Target Zip Codes (2008)</td>
</tr>
<tr>
<td>51</td>
<td>High-risk Zip Codes, HIV Prevention Plan (2009-2013)</td>
</tr>
<tr>
<td>52</td>
<td>Meth Use by Service Planning Area (SPA) of Residence and Target Population Los Angeles County, February 2007</td>
</tr>
<tr>
<td>53</td>
<td>Meth Use by Service Planning Area (SPA) of Residence and Target Population Los Angeles County, February 2008</td>
</tr>
<tr>
<td>54</td>
<td>New Positive HIV Tests by Zip Code of Residence by Planning Area (SPA), Calendar Year 2007</td>
</tr>
<tr>
<td>55</td>
<td>New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 1), Calendar Year 2007, Los Angeles County</td>
</tr>
<tr>
<td>57</td>
<td>New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 2), Calendar Year 2007, Los Angeles County</td>
</tr>
</tbody>
</table>
New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 3), Calendar Year 2007, Los Angeles County


New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 4), Calendar Year 2007, Los Angeles County


New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 5), Calendar Year 2007, Los Angeles County

New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 5); January - June, 2008, Los Angeles County

New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 6); Calendar Year 2007, Los Angeles County


New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 7), Calendar Year 2007, Los Angeles County


New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 8), Calendar Year 2007, Los Angeles County

New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites, Supervisorial District 2, Calendar Year 2007

Section III: Los Angeles Coordinated Needs Assessment

Map | Title
--- | ---
72 | Behavioral Risk Groups (BRG) by Service Planning Area (SPA), Los Angeles Coordinated Needs Assessment, 2007
73 | Respondent Residence by Census Tract, Los Angeles Coordinated Needs Assessment, 2007
74 | Respondent Hang-Outs by Census Tract, Los Angeles Coordinated Needs Assessment, 2007
75 | Respondent Work Areas by Census Tract, Los Angeles Coordinated Needs Assessment, 2007
Background

Geographic Information Systems (GIS) are an important tool in the planning for public health services. The Office of AIDS Programs and Policy (OAPP), Planning & Research Division has been developing maps using GIS technology since 2004. These maps have been used in conjunction with other data sources to evaluate HIV prevention and care services in Los Angeles County. In addition, OAPP has been working collaboratively with the Public Health GIS Users Group (GISUG) to share information and best practices. As a result, OAPP has developed a number of maps which display HIV testing and treatment services data.

OAPP has three sources of geographic data: HIV counseling & Testing (HCT), HIV care services, and the Los Angeles Coordinated HIV Needs Assessment (LACHNA).

HIV Counseling & Testing
As of 2009, zip code-level geographic data are available for residence of individual testers and address-level for testing site for all OAPP-funded HIV tests. Discussions regarding the feasibility and benefit of collecting these data at the census tract level are ongoing. Geographic data collected from HCT have been used to prioritize services in the Los Angeles County HIV Prevention Plan (2009-2013)¹, to strategize targeted testing efforts including HIV Counseling and Testing Week², and to evaluate current services.

HIV Care Services
Geographic data are collected at the address level for both client residence and service provider sites. While address-level data are used within Planning & Research division to evaluate and prioritize services, they are not available to the public. Maps and geographic data shared with the public and included in this report do not include confidential client-level data. Geographic data collected from HIV care services have been used to evaluate services and to plan for future services across the County.

LACHNA
LACHNA was a large-scale needs assessment conducted in 2007 and 2008 to assess HIV risk, service utilization, and service barriers among persons either at risk for HIV or currently living with HIV/AIDS. LACHNA was a pilot in collecting small-area geographic data for the purposes of planning and prioritizing services as well as for conducting spatial analysis. Geographic data collected in LACHNA include census-tract level data for respondent residence, HIV care provider (for HIV-positive respondents), work location, and main hang-out. These data are currently being analyzed. Preliminary analyses have been used in the development of the Los Angeles County HIV Prevention Plan (2009-2013)³, as well as planning for 2008 HIV Counseling and Testing Week.

Map Features
Maps which feature Los Angeles County are drawn at 1:600,000 scale and may not have labels for small features such as service delivery sites or geographical areas including zip code and census tracts. However, the resolution of these features will display on larger sized documents such as presentation posters. Maps detailing smaller geographic areas show more detailed features including zip code and site labels. Additional detail is available on request. To protect confidentiality, client-level detail is not displayed and aggregate data is not displayed for geographic areas where 5 or less individuals or tests are contained. All maps include a legend and data source.

¹ Los Angeles County HIV Prevention Plan (2009-2013), http://publichealth.lacounty.gov/aids/PreventionPlan.htm
Data Requests

The maps in this report have been included for public consumption. Additional maps and map layers are available upon request. These requests should be submitted using OAPP’s request form, available online at http://publichealth.lacounty.gov/aids/reports/ExternalDataRequestForm.pdf. Questions regarding OAPP’s GIS activities should be directed to Mike Janson, MPH, Chief Research Analyst, mjanson@ph.lacounty.gov.