

Mapping HIV Prevention and Treatment in Los Angeles County

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

Section II: HIV Counseling and Testing

March 2009



Los Angeles County Department of Public Health

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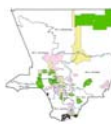
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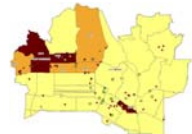
60 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 3), January - June, 2008, Los Angeles County



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



62 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 4), January - June, 2008, Los Angeles County



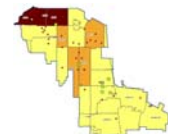
63 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 5), Calendar Year 2007, Los Angeles County



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



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Map Title

66 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 6), January - June, 2008, Los Angeles County



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



68 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 7), January - June, 2008, Los Angeles County



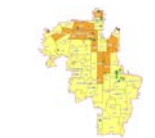
69 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 8), Calendar Year 2007, Los Angeles County



70 New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 8), January - June, 2008, Los Angeles County



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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)¹, 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.

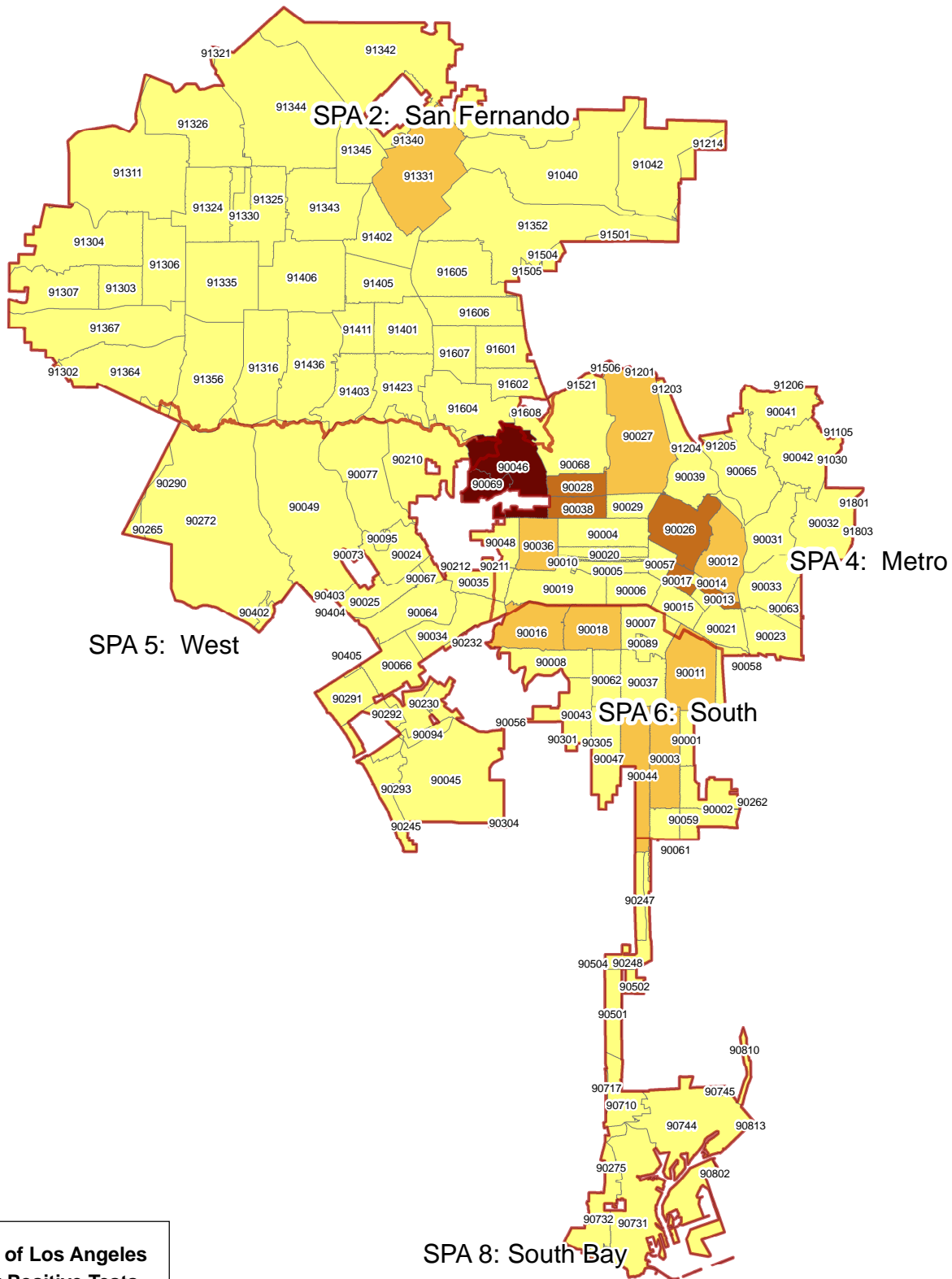
¹ Los Angeles County HIV Prevention Plan (2009-2013), <http://publichealth.lacounty.gov/aids/PreventionPlan.htm>

² HIV Counseling and Testing Annual Report, 2007, <http://publichealth.lacounty.gov/aids/reports/HCTCY2007ReportFinal.pdf>

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.

City of Los Angeles New HIV-positive Tests by Zip Code (2007)



**City of Los Angeles
New Positive Tests**

- <= 5
- 6 - 9
- 10 - 18
- 19 - 27

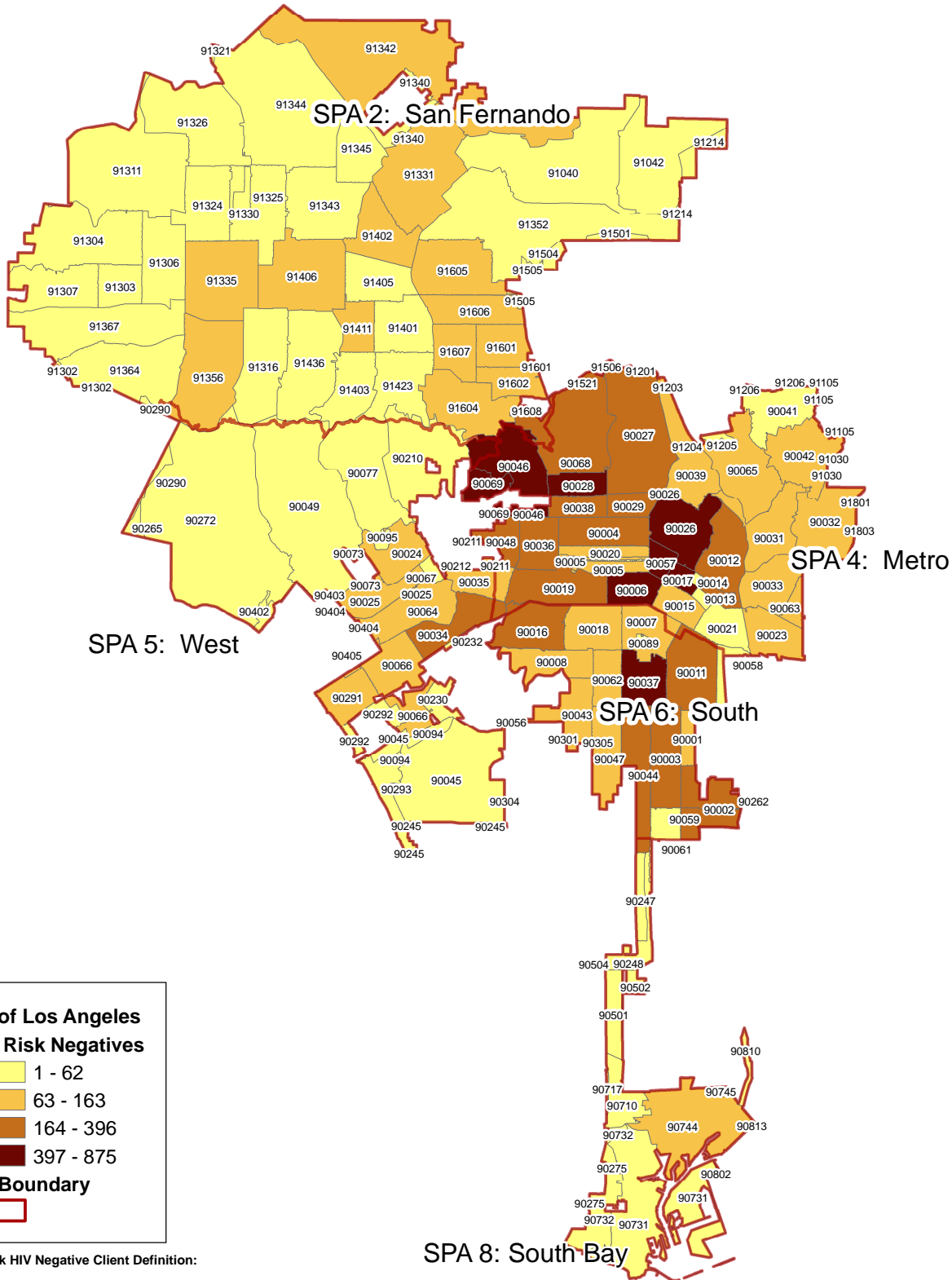
SPA Boundary

-



Source: 2007 (Calendar Year) HCT Data

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



**City of Los Angeles
High Risk Negatives**

- 1 - 62
- 63 - 163
- 164 - 396
- 397 - 875

SPA Boundary

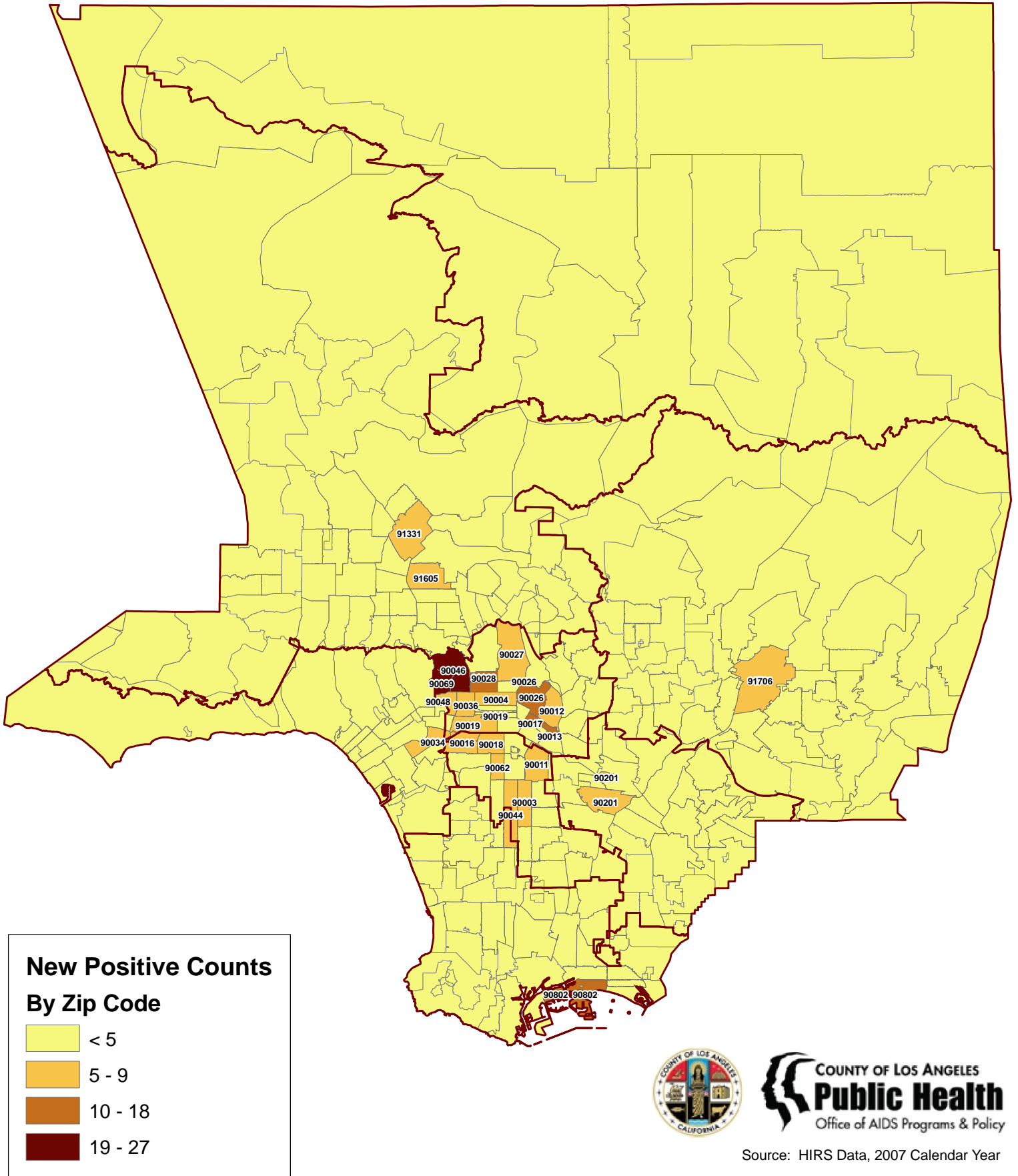
* High-Risk HIV Negative Client Definition:

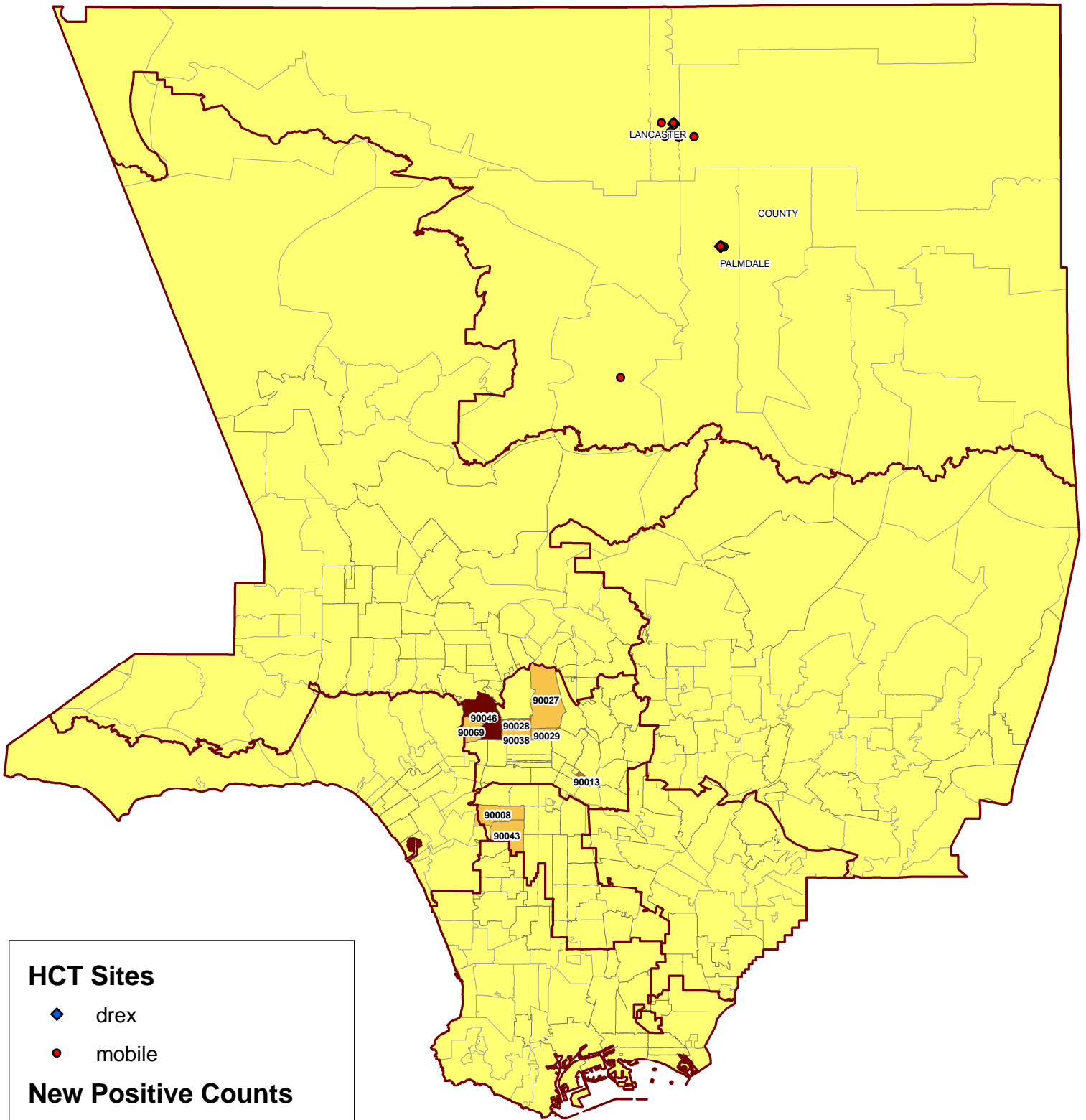
- Transgender (m-to-f), transgender (f-to-m), or other gender clients
- Male clients who have sex with men (MSM)
- Female clients who have sex with a MSM sex partner
- Females who have anal receptive sex
- Sex with a transgender partner
- Sex with a sex worker
- Sex with an someone who injects drugs
- Sex with an HIV-positive partner
- Sex for drugs
- Sex for money or other items or services
- Used a needle to inject drugs
- Stimulant use (methamphetamine, speed, crank, crystal, cocaine or crack)
- Diagnosed with gonorrhea or syphilis in the last year



Source: 2007 (Calendar Year) HCT Data

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





HCT Sites

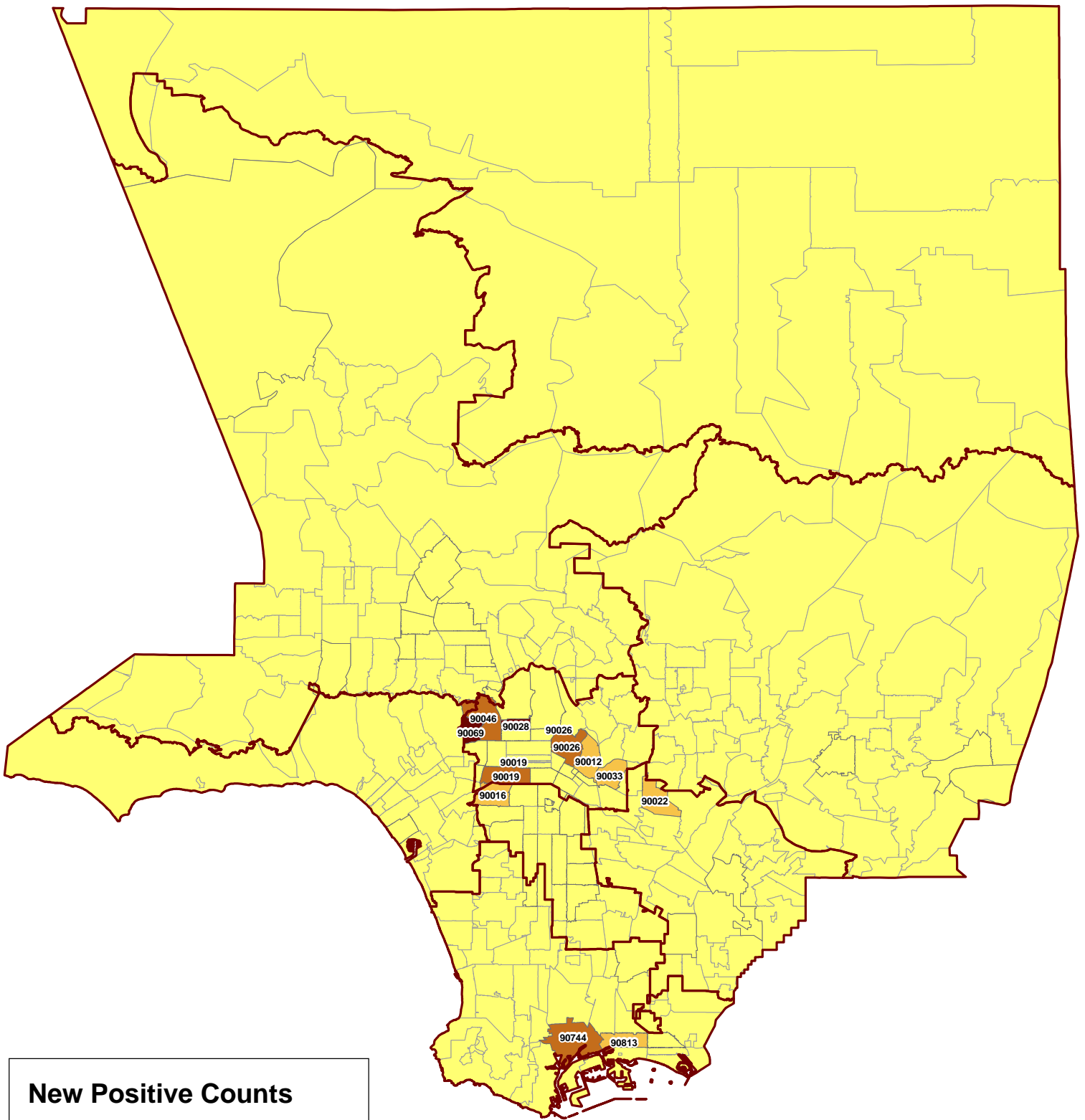
- ◆ drex
- mobile

**New Positive Counts
By Zip Code of Residence**

	<=5
	>5 - 9
	10 - 15
	16 - 17



Source: HCT Data, January-June, 2008



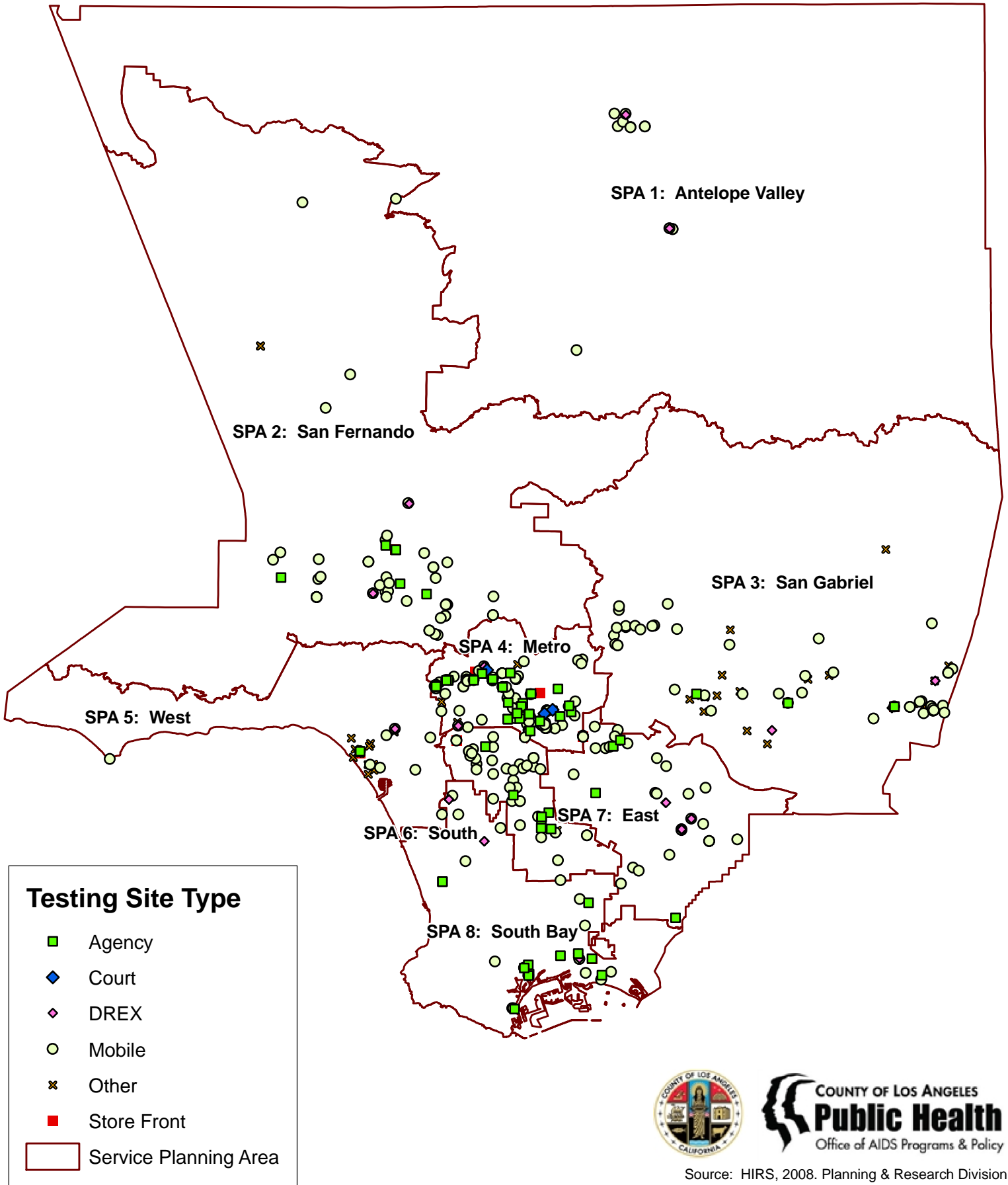
**New Positive Counts
By Zip Code of Testing Site**

Light Yellow	<=5
Light Orange	>5 - 9
Medium Brown	>9 - 22
Dark Brown	> 22 - 60

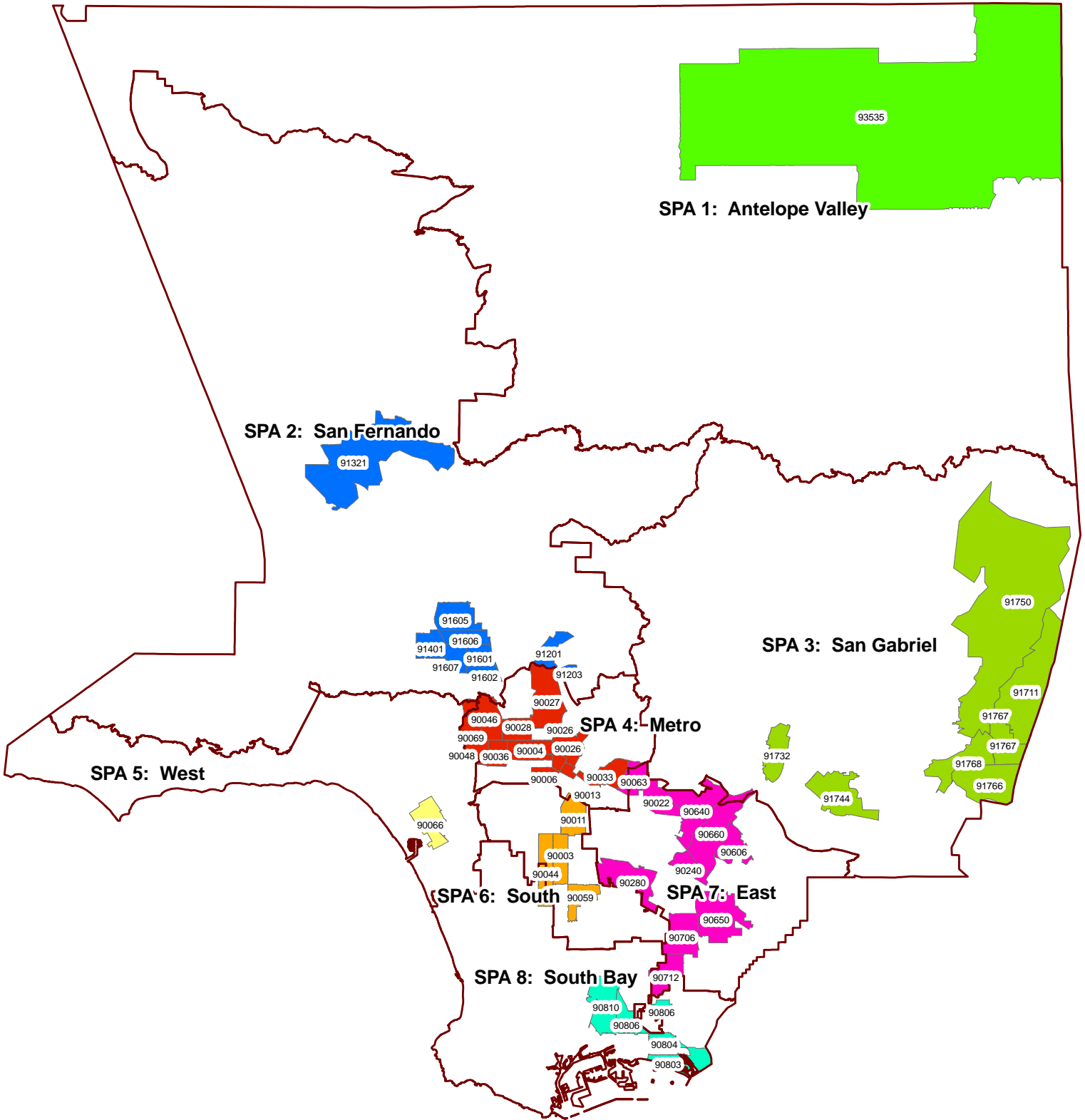


Source: HCT Data, January-June, 2008

HIV Counseling & Testing Sites, 2008 Los Angeles County



HIV Counseling and Testing Week Target Zip Codes (2007)



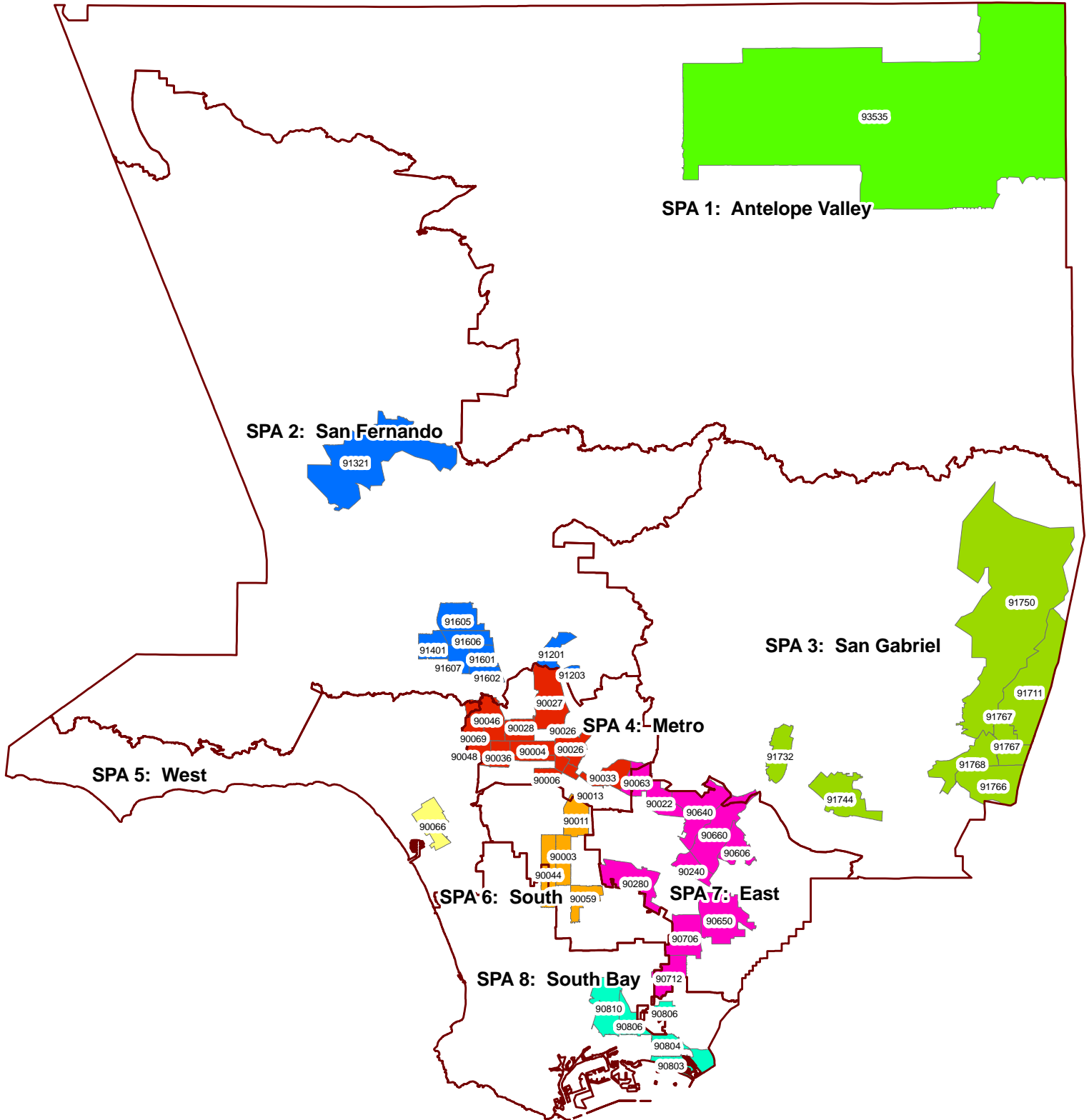
Legend

SPA Boundary



Source: HCT Week, 2007

HIV Counseling and Testing Week Target Zip Codes (2008)

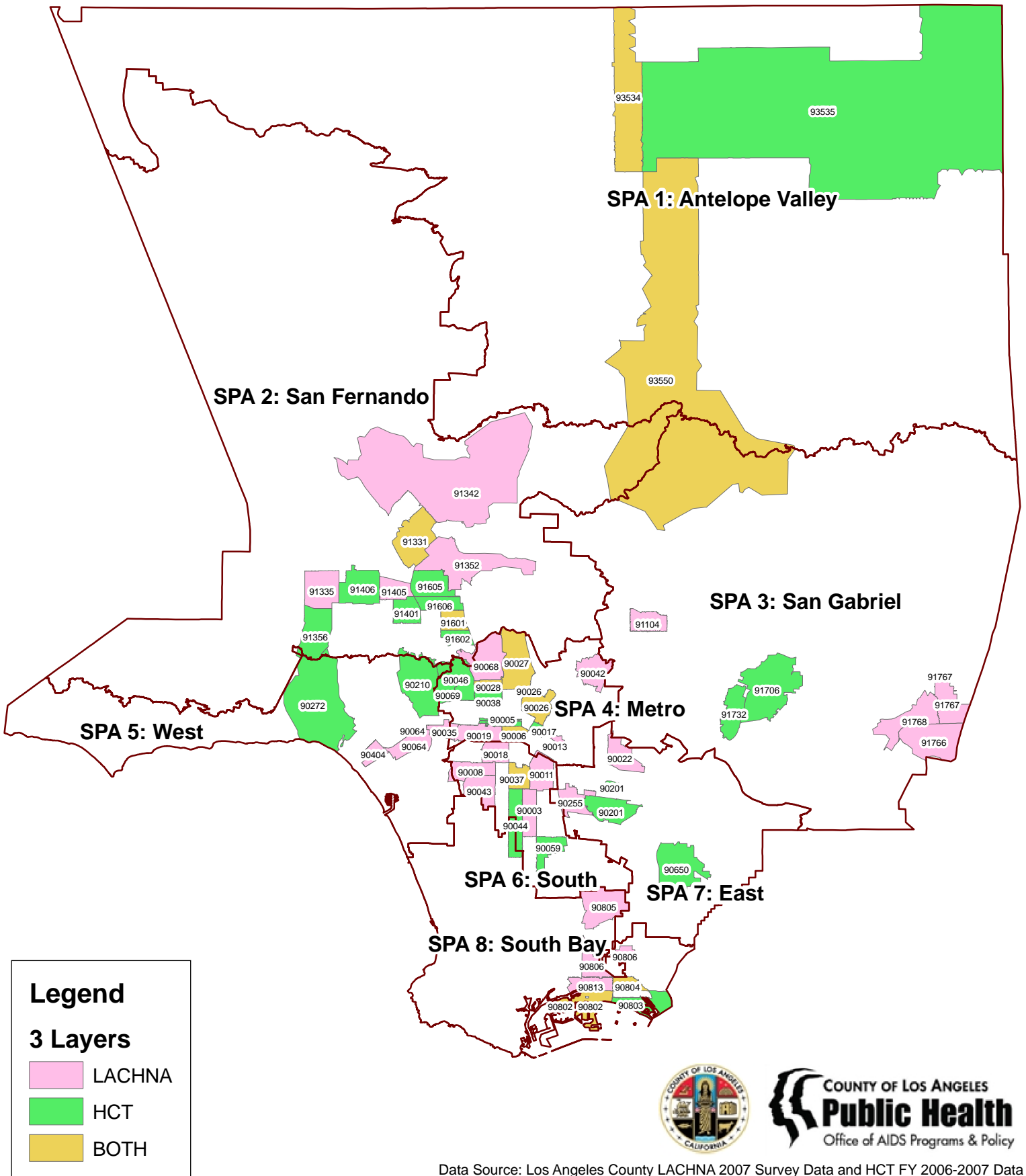


Legend

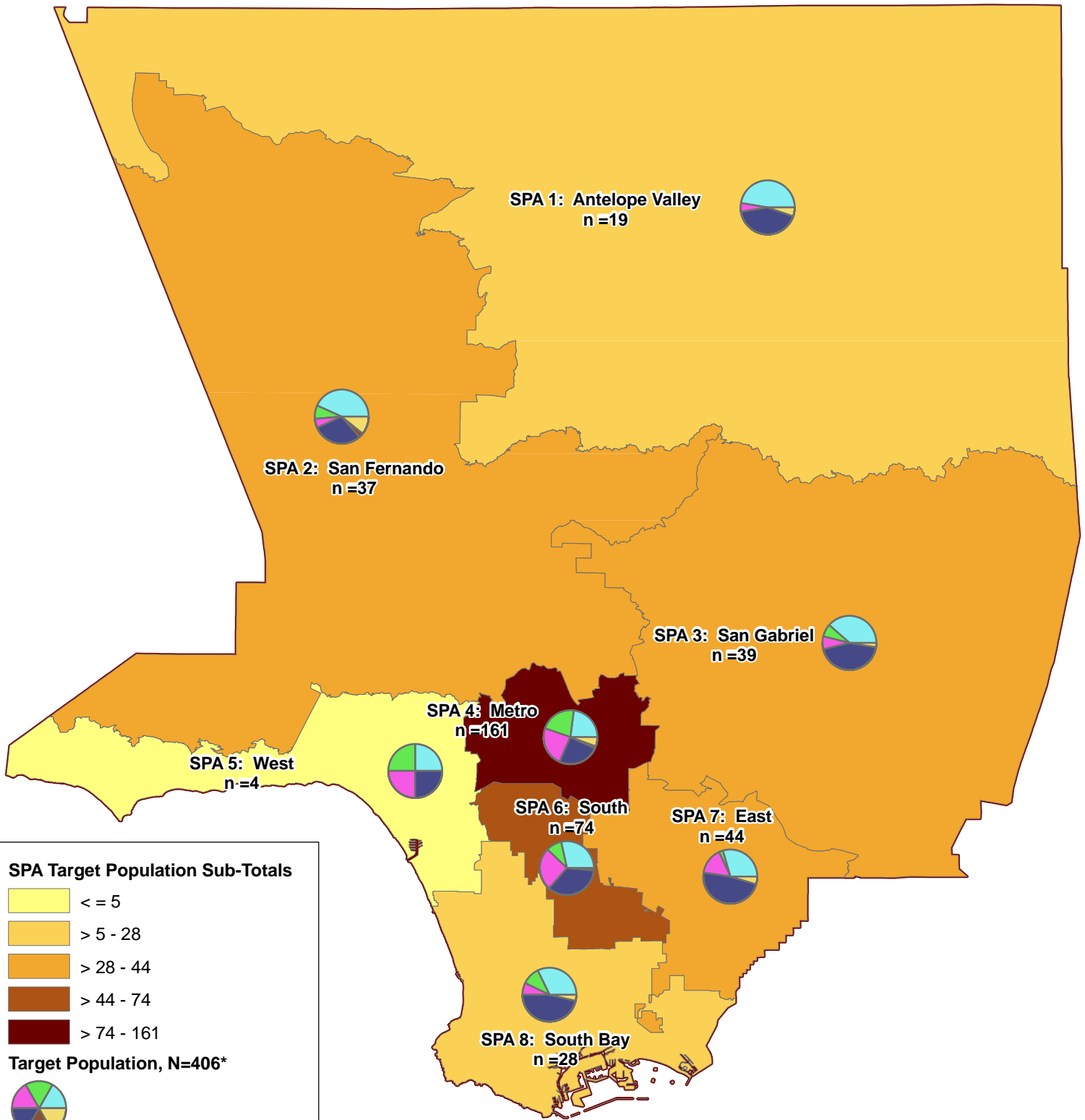
SPA Boundary

Source: HCT Week, 2008

High-risk Zip Codes, HIV Prevention Plan (2009-2013)



Meth Use by Service Planning Area (SPA) of Residence and Target Population Los Angeles County, February 2007



SPA Target Population Sub-Totals

- <= 5
- > 5 - 28
- > 28 - 44
- > 44 - 74
- > 74 - 161

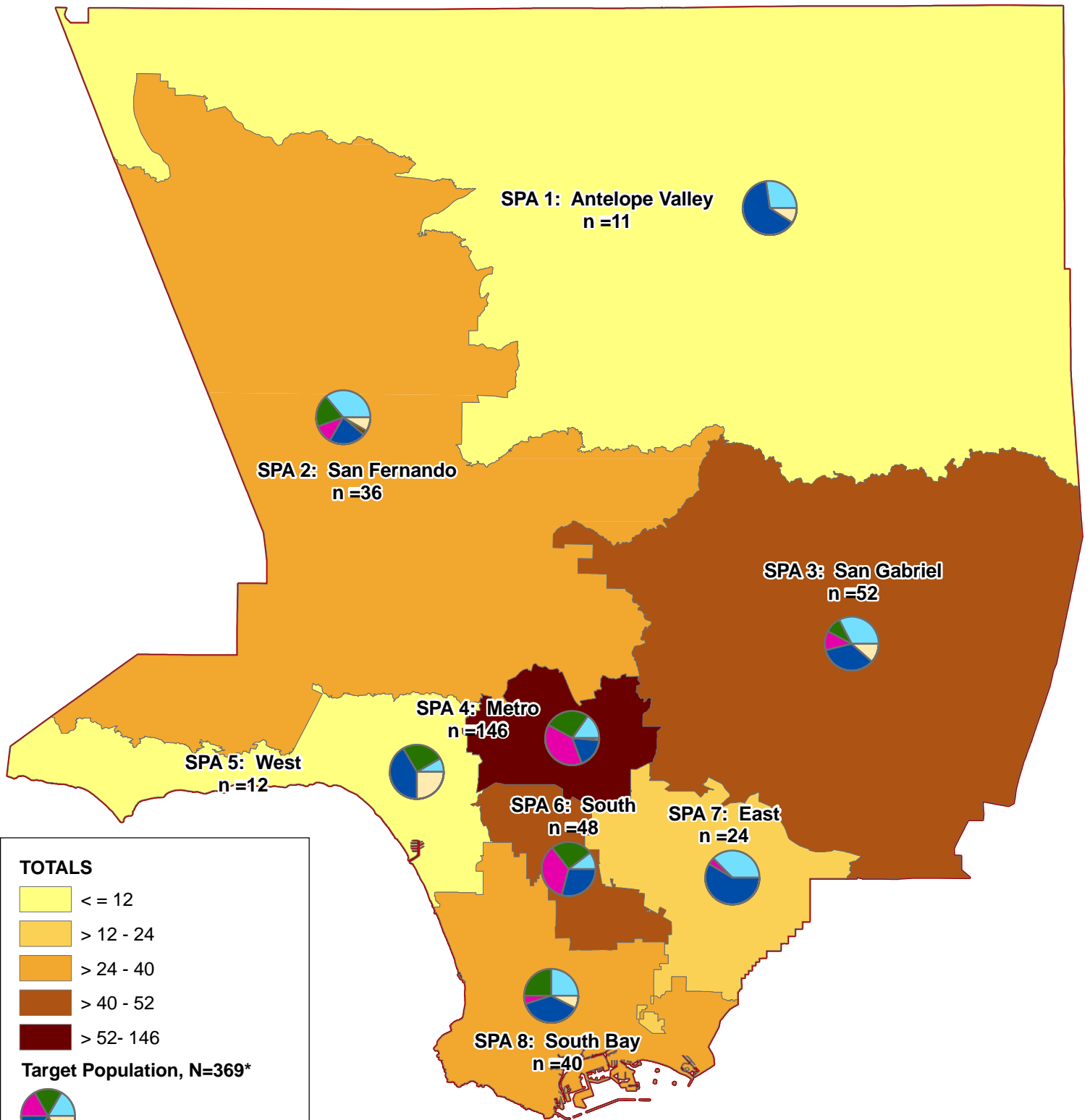
Target Population, N=406*

- Youth, n=121
- Gay, n=53
- Non-Gay Identified, n=73
- Women, n=137
- Transgender, n<=5
- Shared Needles, n=18

* Meth users with unknown SPA of residence are excluded from Target Population totals (n=23); total number of HIV tests reported for this time period was 2,547



Meth Use by Service Planning Area (SPA) of Residence and Target Population Los Angeles County, February 2008



TOTALS

- ≤ 12
- > 12 - 24
- > 24 - 40
- > 40 - 52
- > 52 - 146

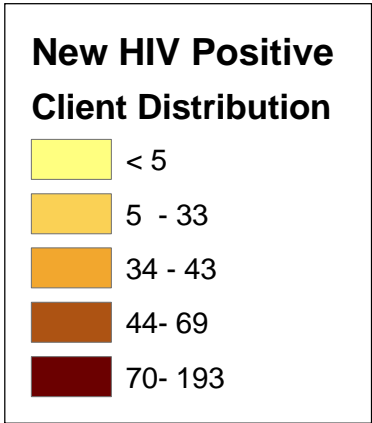
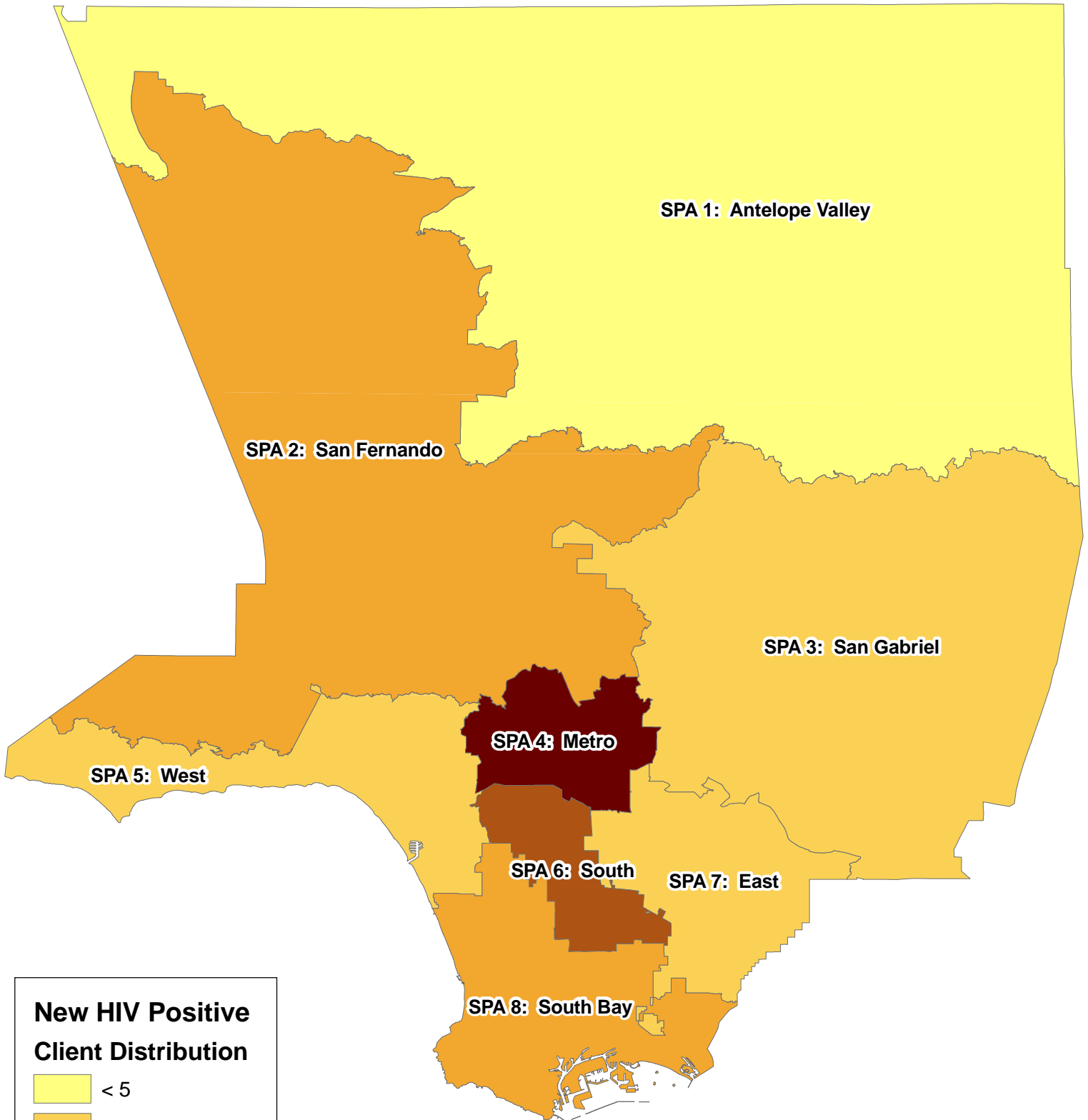
Target Population, N=369*

- Youth, n=80
- Gay, n=76
- Non-Gay Identified, n=86
- Women, n=107
- Transgender, n<=5
- Shared Needles, n=18

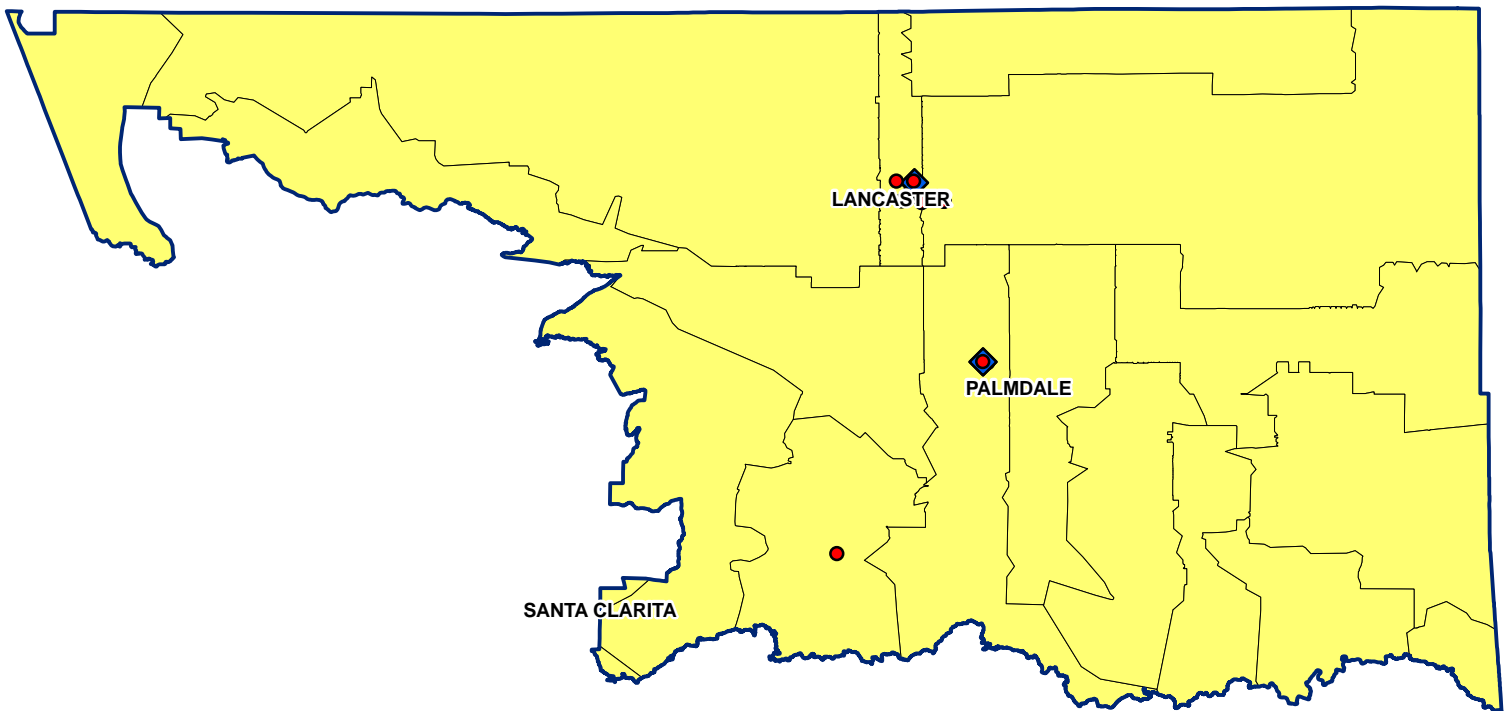
* Meth users with unknown SPA of residence are excluded from Target Population totals (n=16); total number of HIV tests reported for this time period was 2,964



New Positive HIV Tests by Zip Code of Residence by Service Planning Area (SPA) Calendar Year 2007



New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 1) Calendar Year 2007 Los Angeles County



Legend

HCT Sites

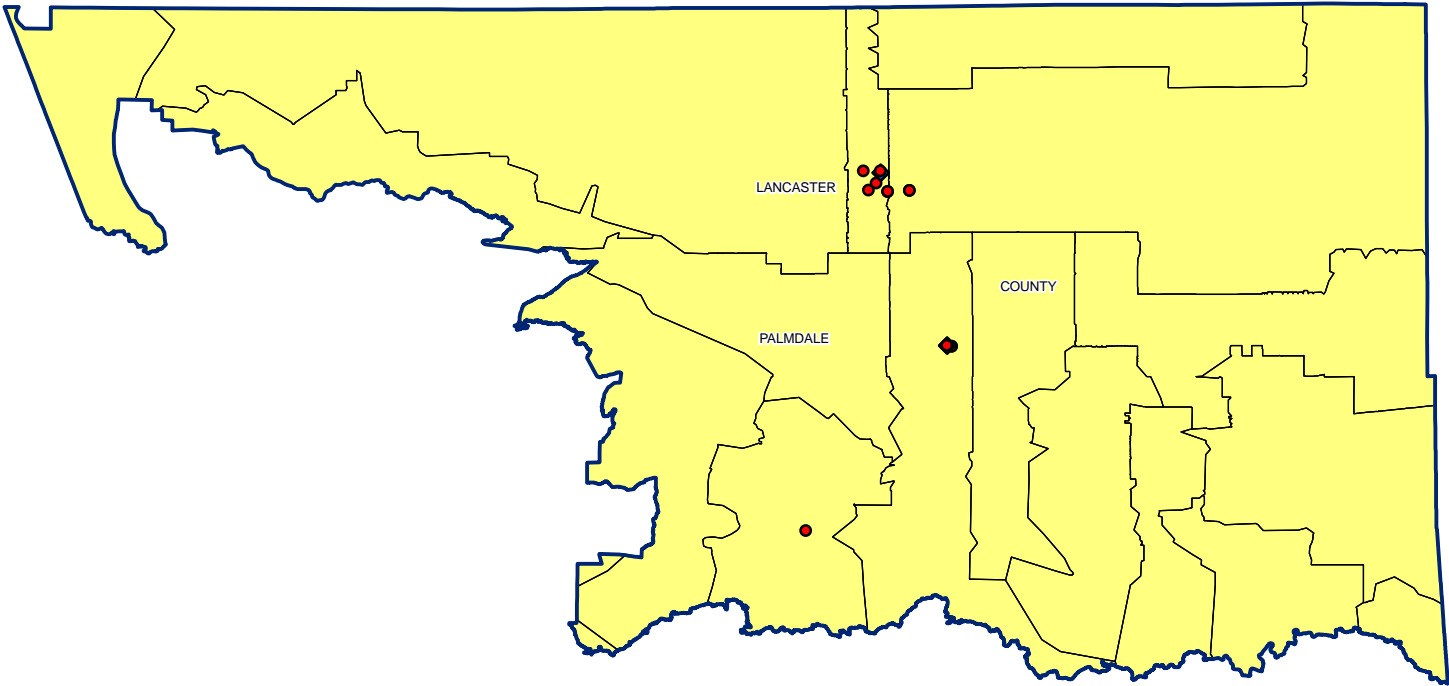
- ◆ drex
- mobile

New Positive Tests

- < 5



New Positive HIV Tests by Zip Code of Residence and
HIV Counseling and Testing Sites (SPA 1)
January - June, 2008
Los Angeles County



HCT Sites

- ◆ drex
- mobile

New Positive Counts

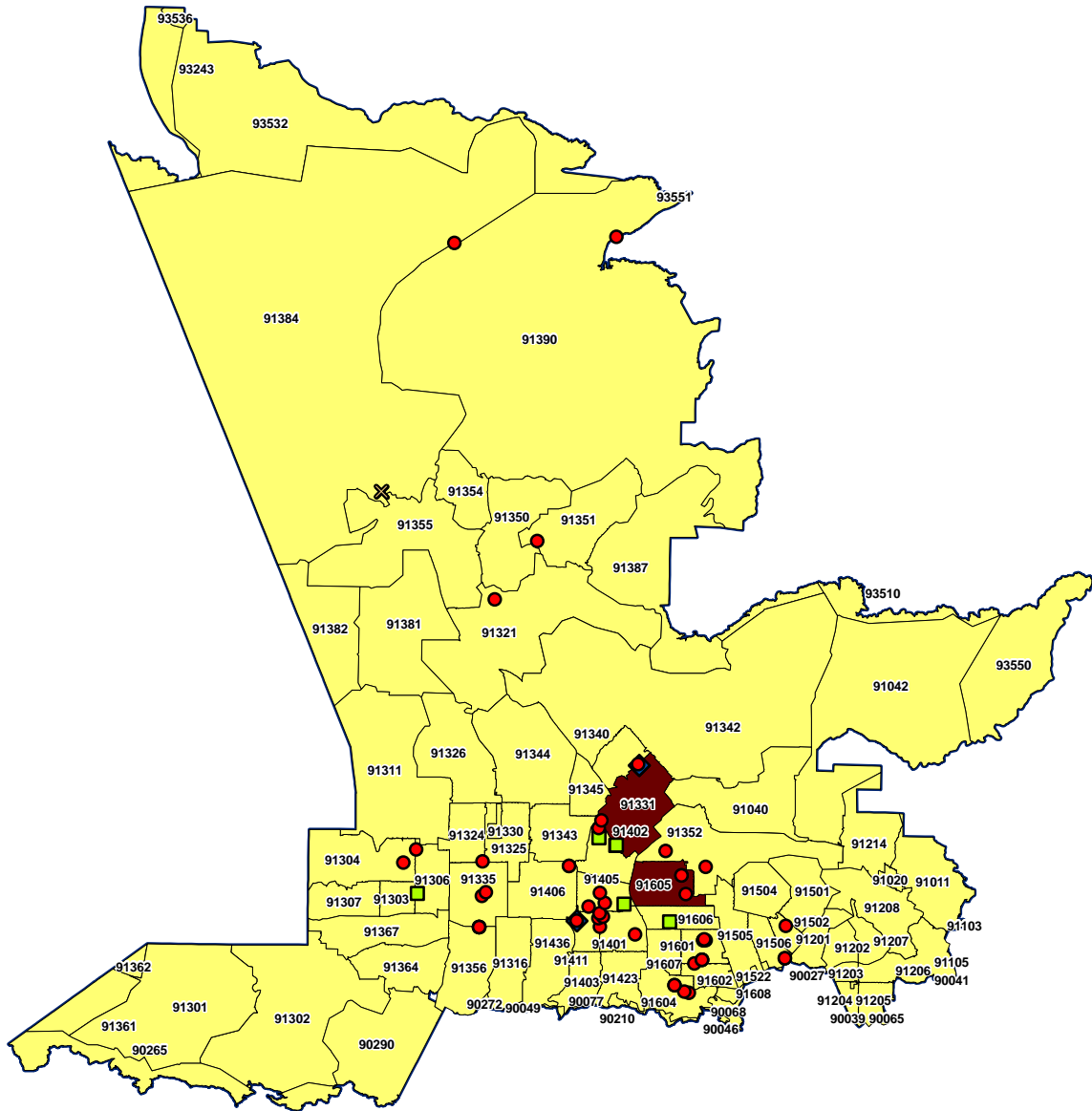
- ≤5



* New HIV Positive Tests reported by Zip Code of Residence

Source: HCT Data, January-June, 2008

New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 2) Calendar Year 2007 Los Angeles County



Legend

HCT Sites

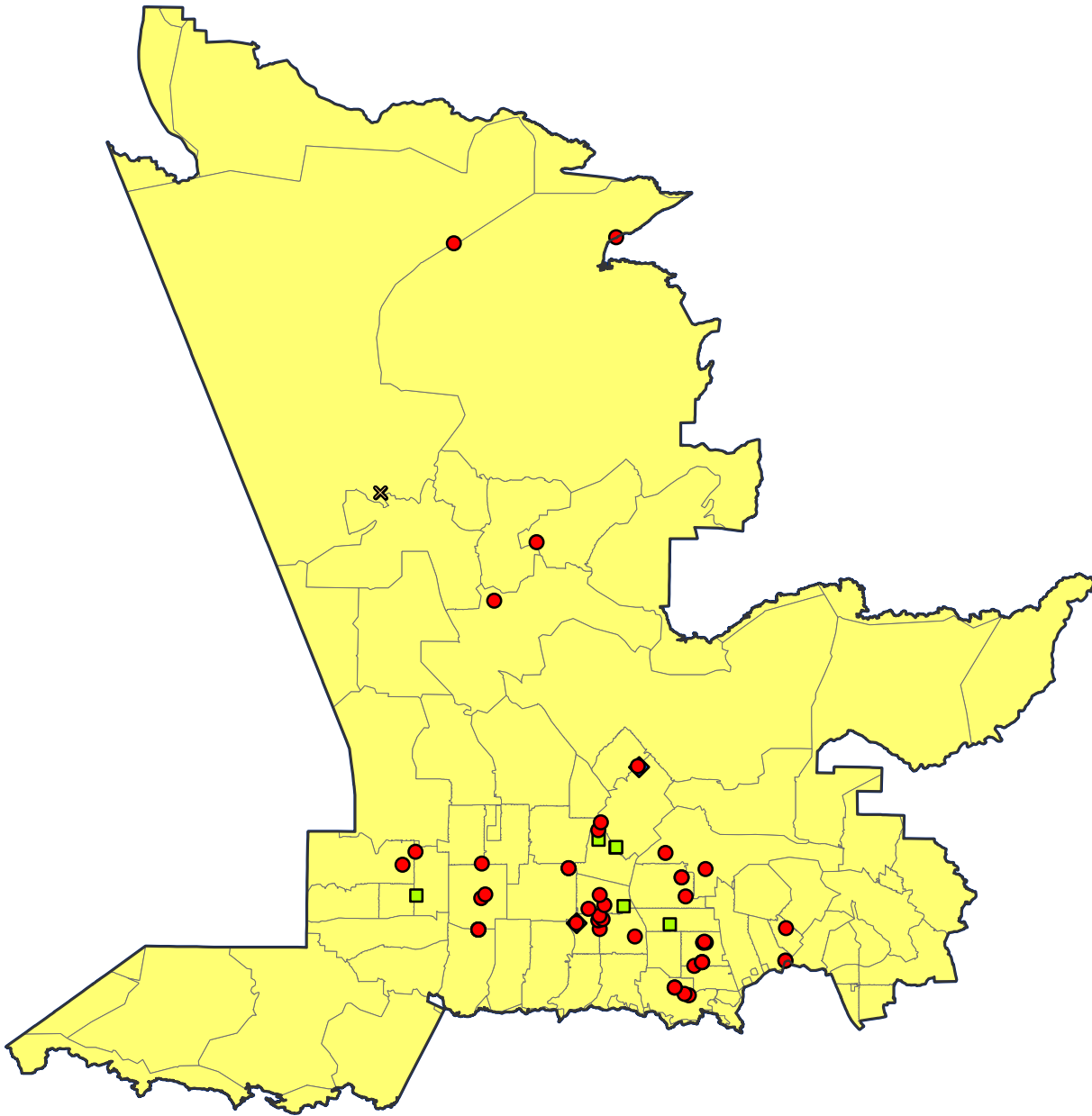
- agency
- ◆ drex
- mobile
- ✕ other
- store front







New Positive Tests

- < 5
- >= 5



**New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 2)
January - June, 2008
Los Angeles County**

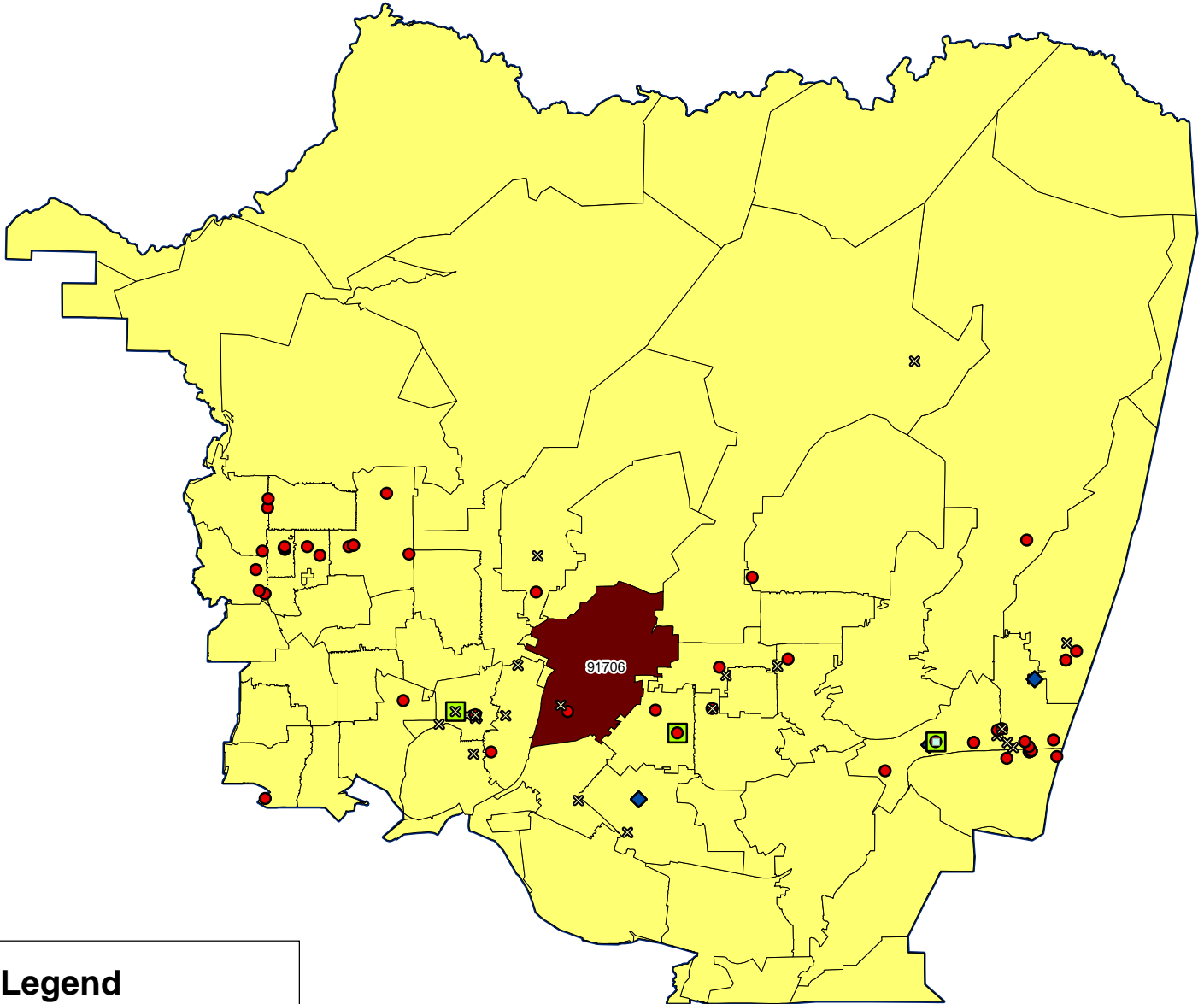


HCT Sites		New Positive Tests	
	agency		<=5
	drex		
	mobile		
	other		
	store front		

* New HIV Positive Tests reported by Zip Code of Residence



New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 3) Calendar Year 2007 Los Angeles County



Legend

HCT Sites

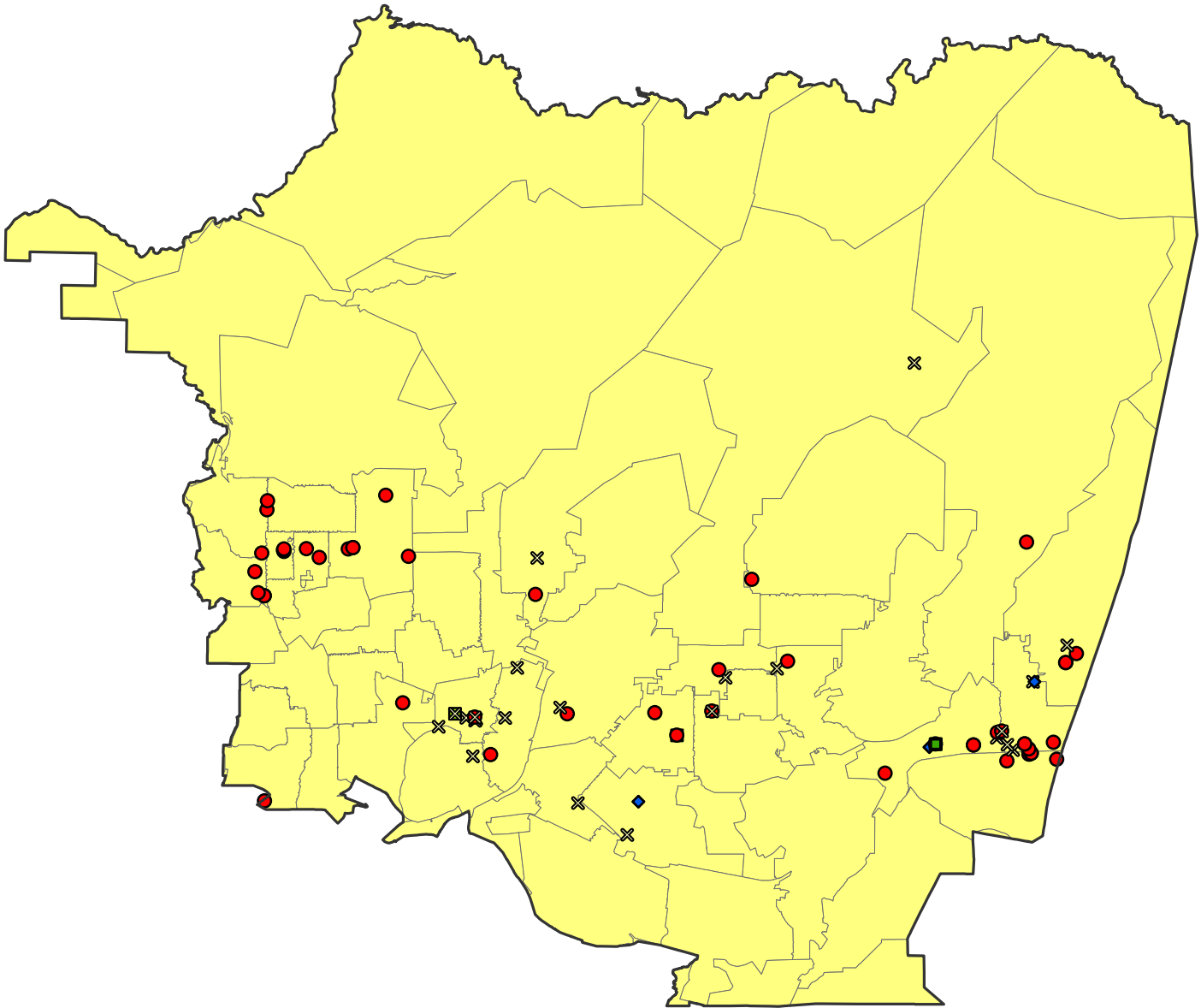
- agency
- drex
- mobile
- other
- store front

New Positive Tests

- < 5
- >= 5



**New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 3)
January - June, 2008
Los Angeles County**



HCT Sites

- agency
- ⊗ other
- ◆ drex
- mobile
- store front

New Positive Tests

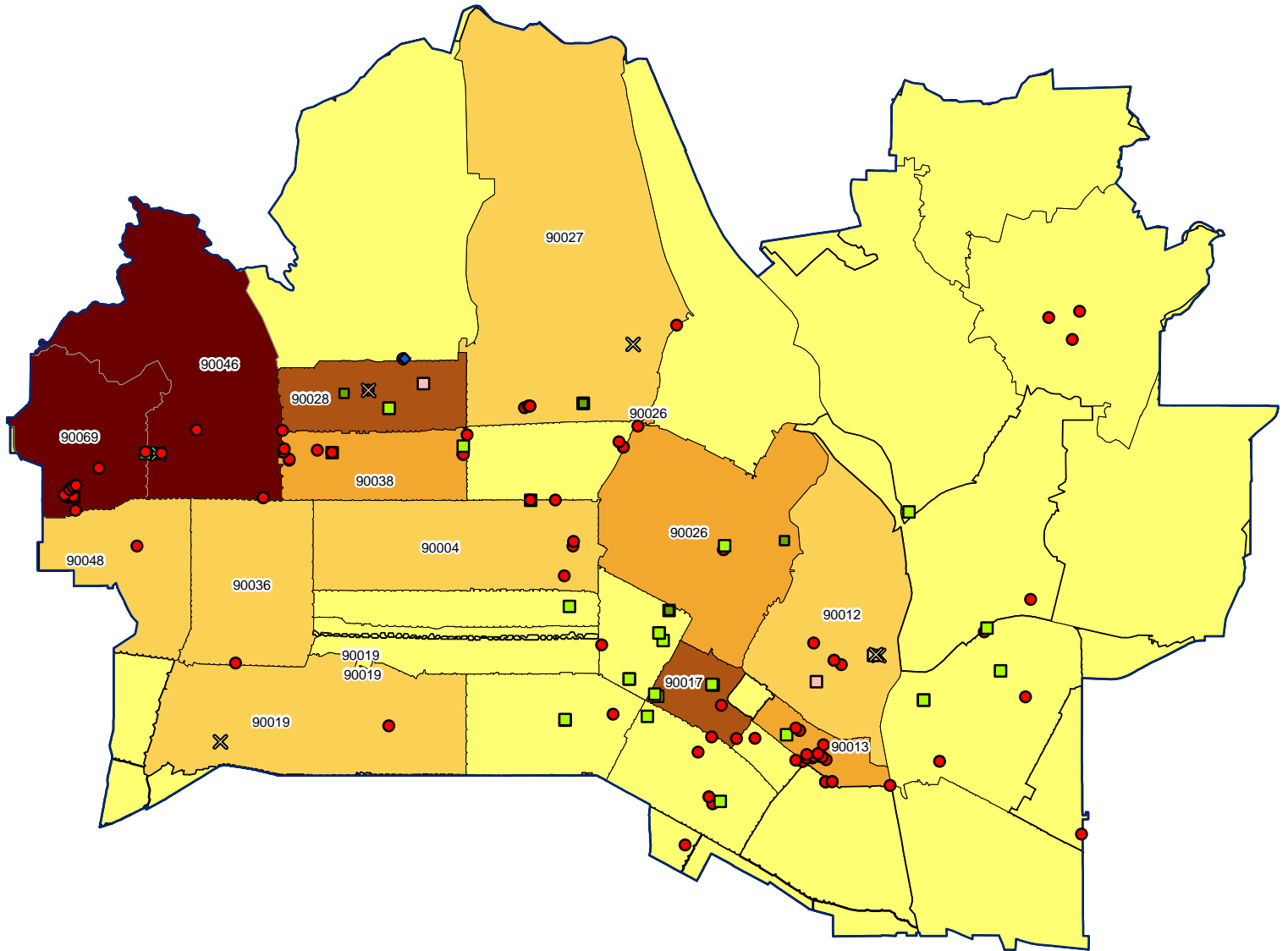
- ≤5



* New HIV Positive Tests reported by Zip Code of Residence

Source: HCT Data, January-June, 2008

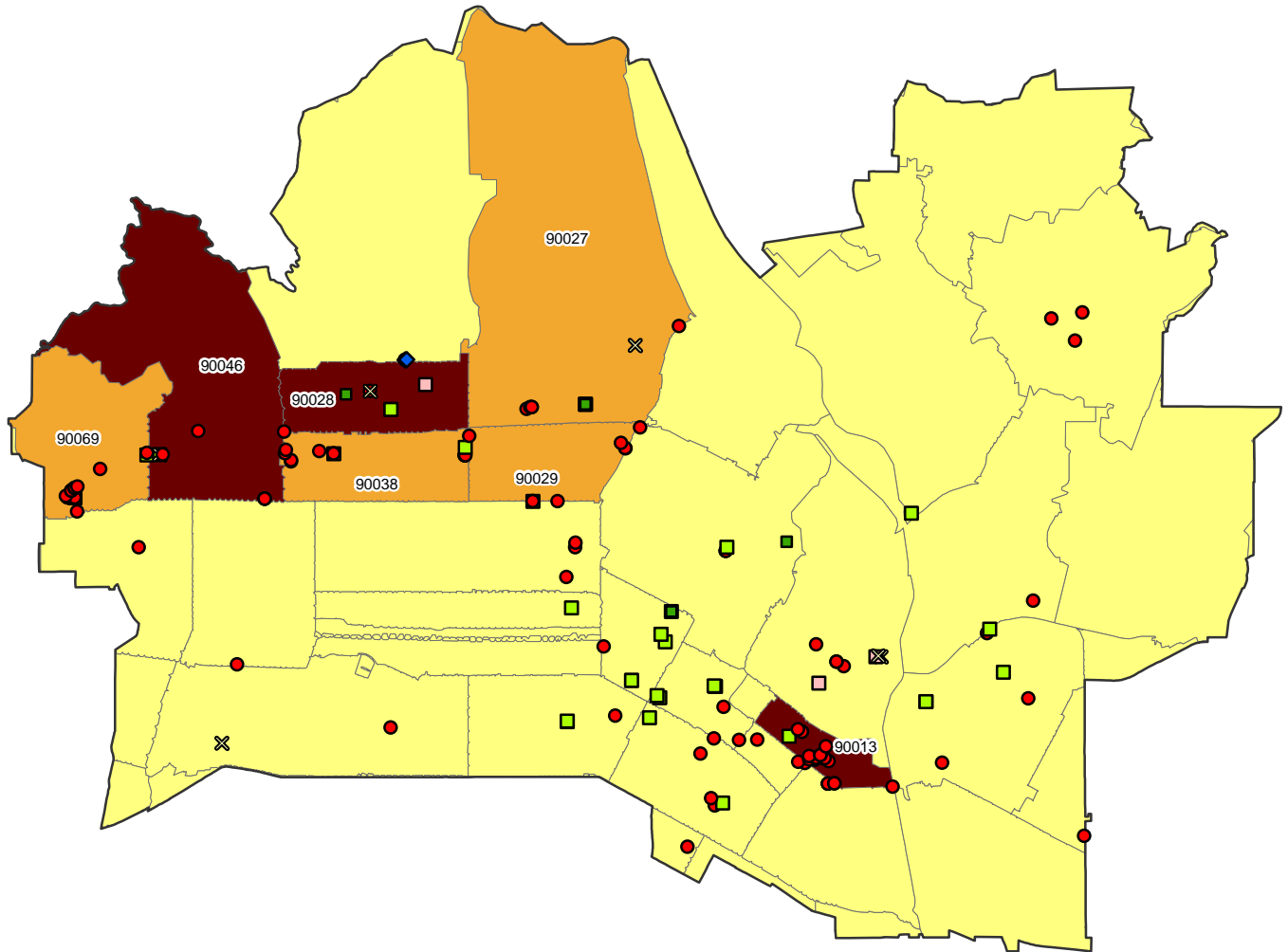
New Positive HIV Tests by Zip Code of Residence and HIV Counseling and Testing Sites (SPA 4) Calendar Year 2007 Los Angeles County



Legend	
HCT Sites	New Positive Counts
■ agency	 < 5
■ court	 5 - 9
◆ drex	 10 - 13
● mobile	 14 - 18
✕ other	 ≥ 19
■ store front	



**New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 4)
January - June, 2008
Los Angeles County**

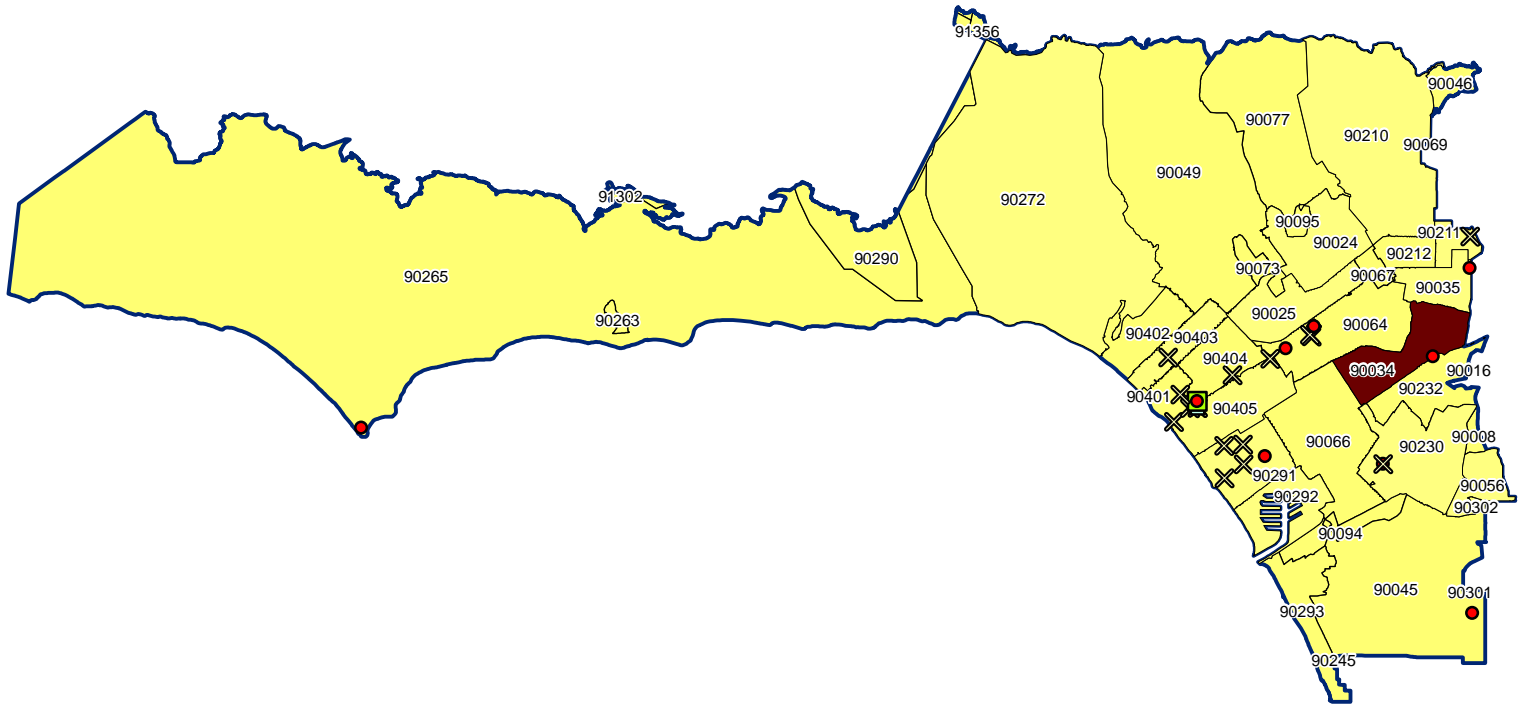


HCT Sites		New Positive Tests	
	agency		<=5
	court		6 - 9
	drex		10 - 17
	mobile		
	other		
	store front		

* New HIV Positive Tests reported by Zip Code of Residence



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

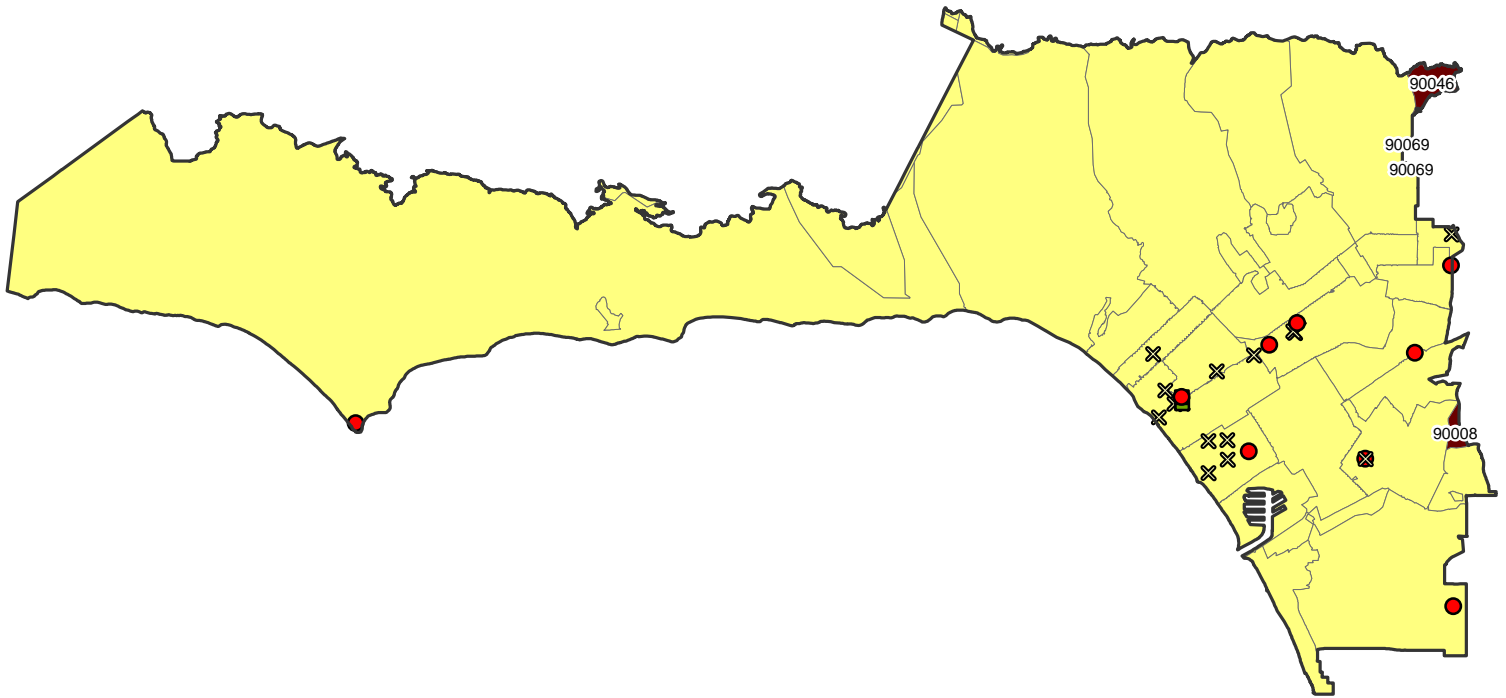


Legend

HCT Sites	New Positive Counts
■ agency	■ < 5
◆ drex	■ >= 5
● mobile	
⊗ other	
□ store front	



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



HCT Sites

- agency
- ◆ drex
- mobile
- ⊗ other
- store front

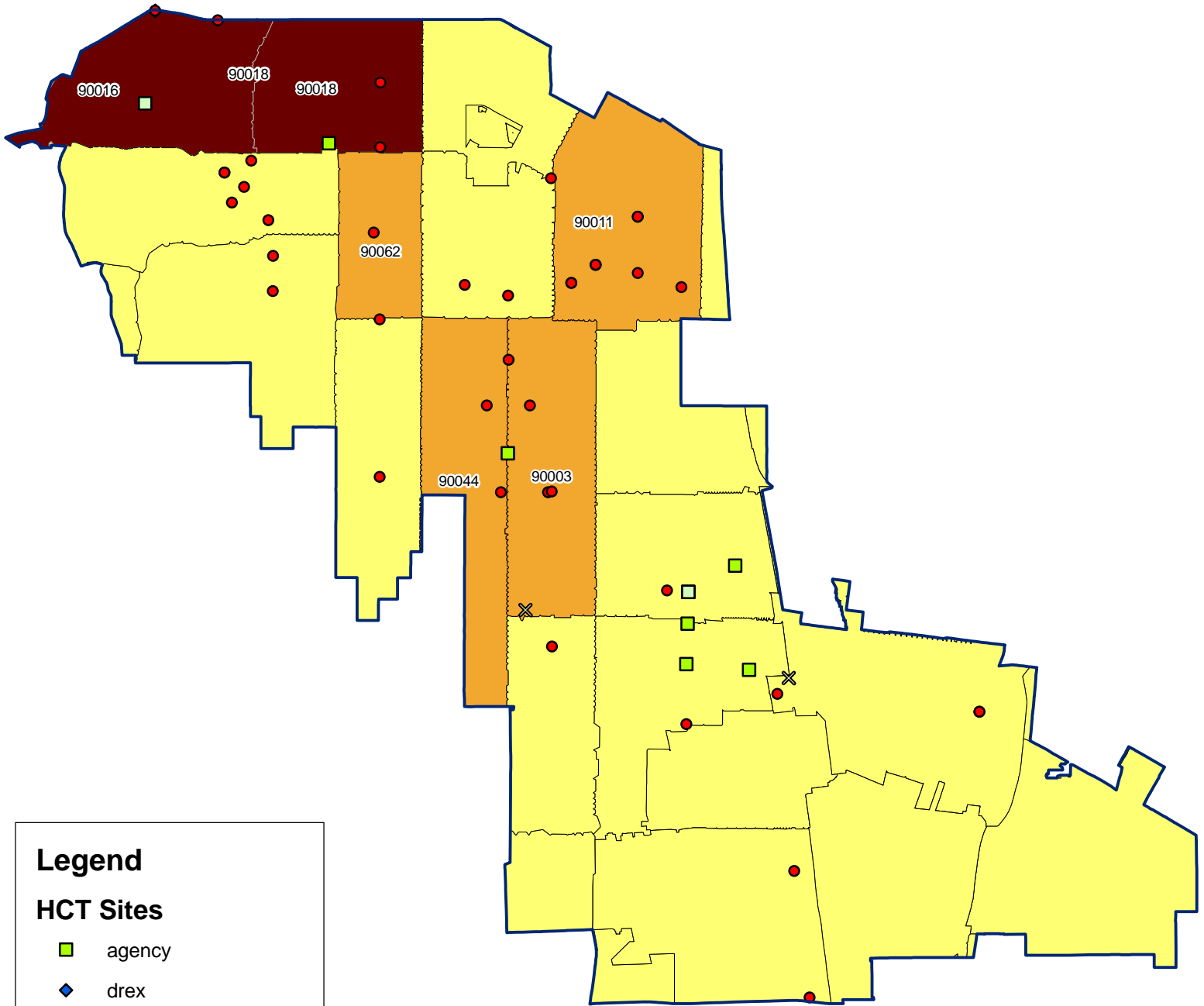
New Positive Tests

- ≤5
- > 5



* New HIV Positive Tests reported by Zip Code of Residence

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



Legend

HCT Sites

- agency
- ◆ drex
- mobile
- ⊗ other
- store front

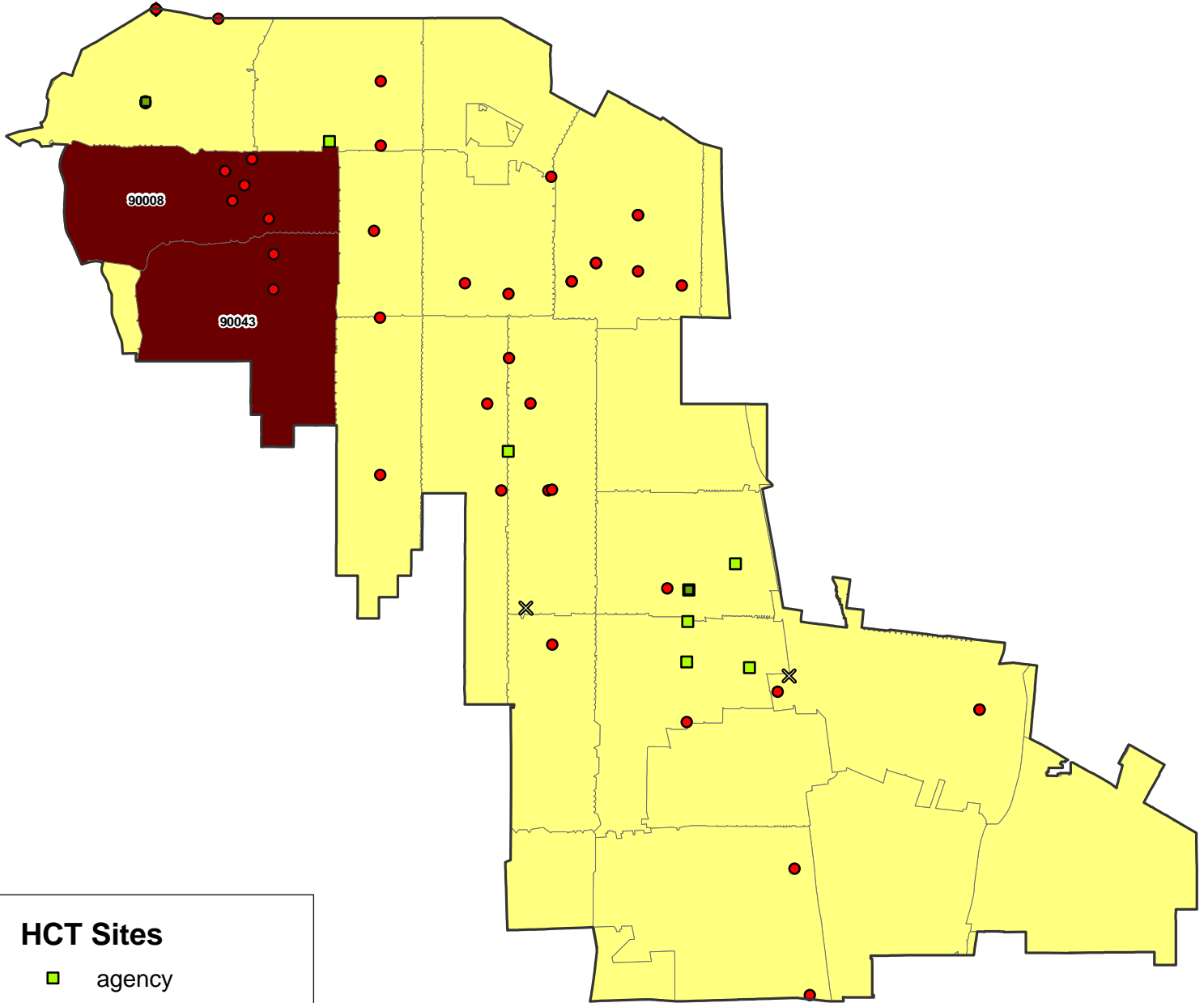
New Positive Counts

- < 5
- 5 - 6
- > = 7



Source: HIV Counseling & Testing, Calendar Year 2007

New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 6)
January - June, 2008
Los Angeles County



HCT Sites

- agency
- ◆ drex
- mobile
- ⊗ other
- store front

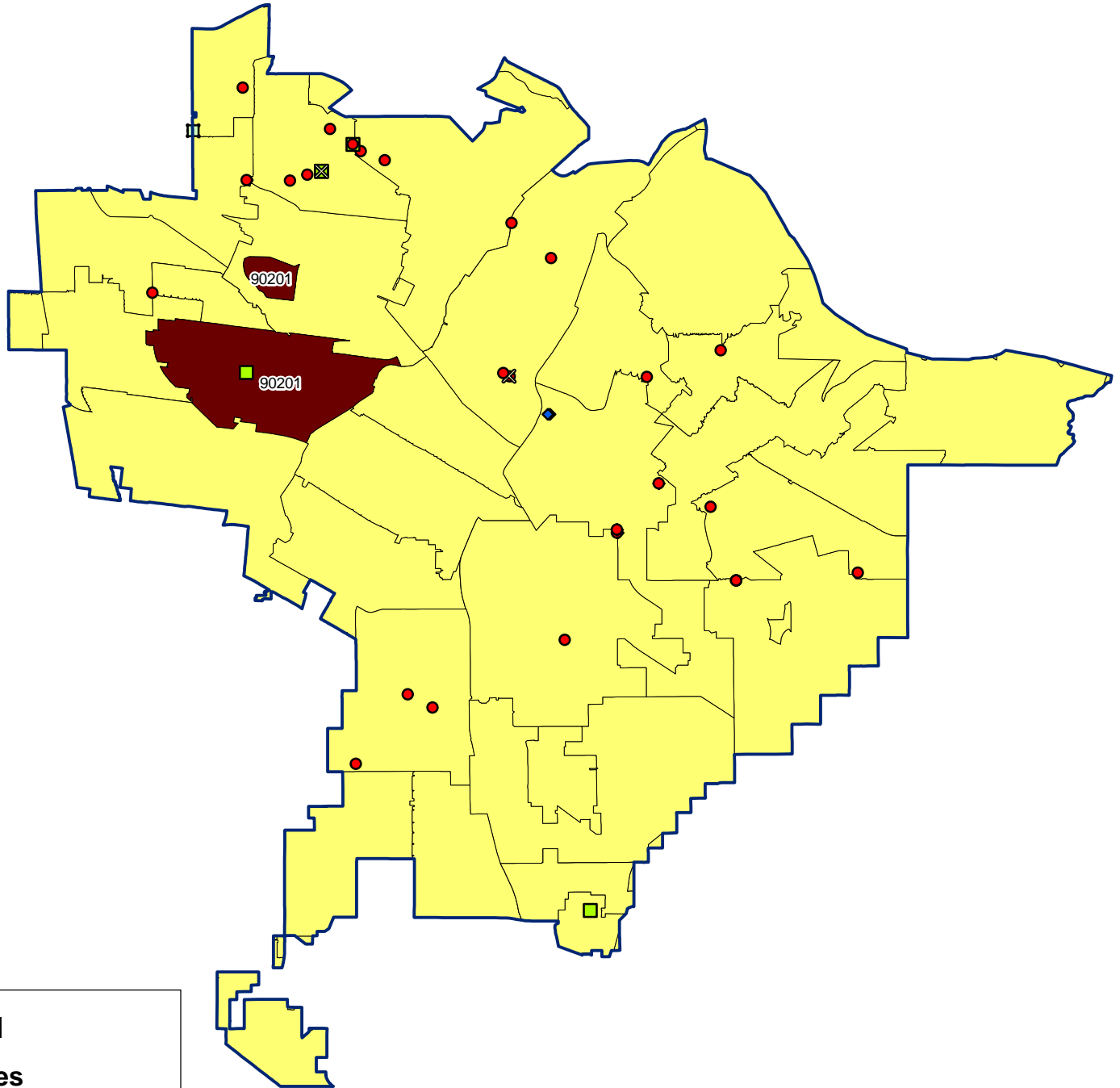
New Positive Tests

- ≤5
- >5



* New HIV Positive Tests reported by Zip Code of Residence

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



Legend

HCT Sites

- agency
- ◆ drex
- mobile
- ⊗ other
- store front

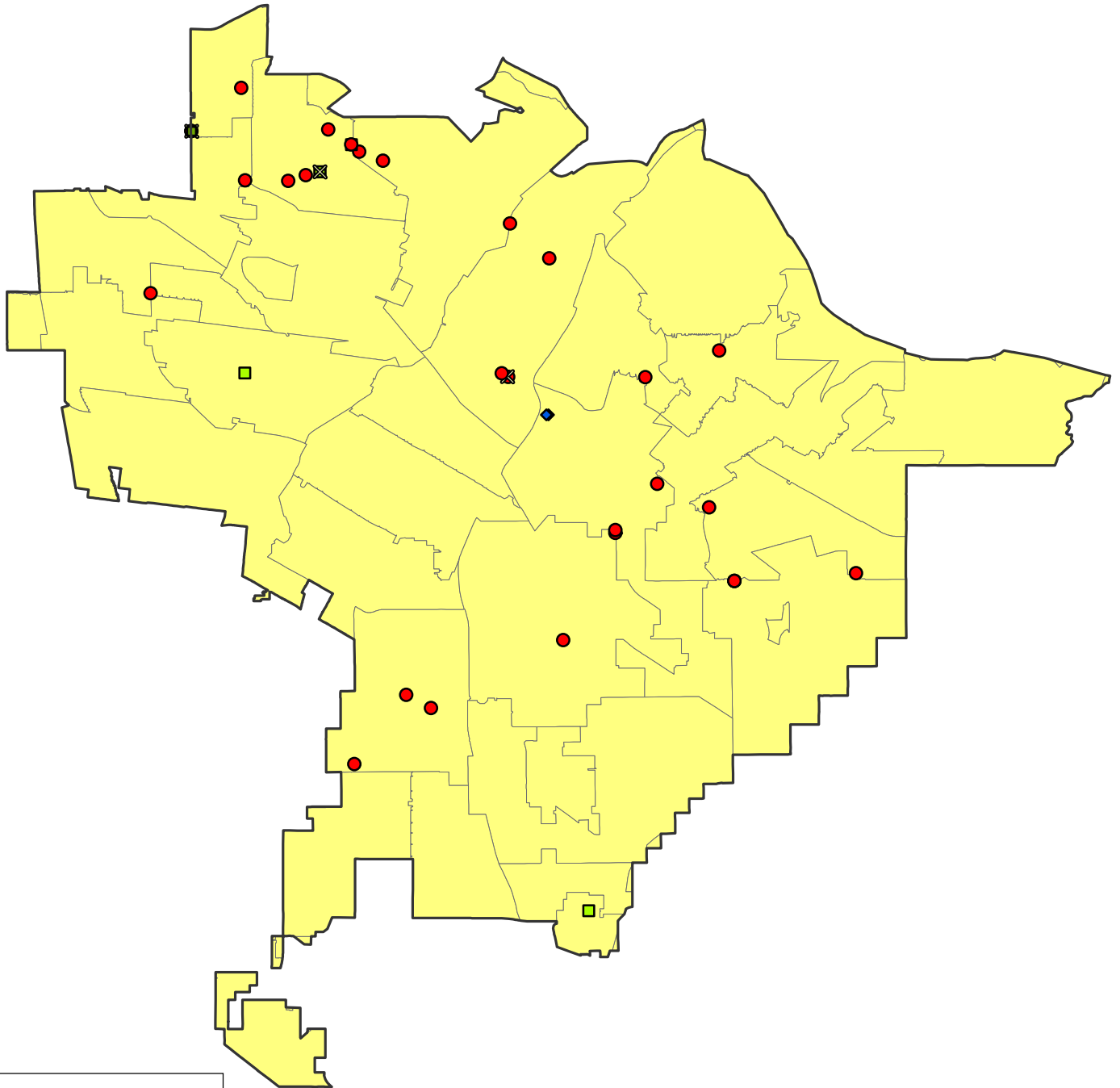
New Positive Counts

- < 5
- ≥ 5



Source: HIV Counseling & Testing, Calendar Year 2007

**New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 7)
January - June, 2008
Los Angeles County**



HCT Sites

- agency
- ◆ drex
- mobile
- ⊗ other
- store front

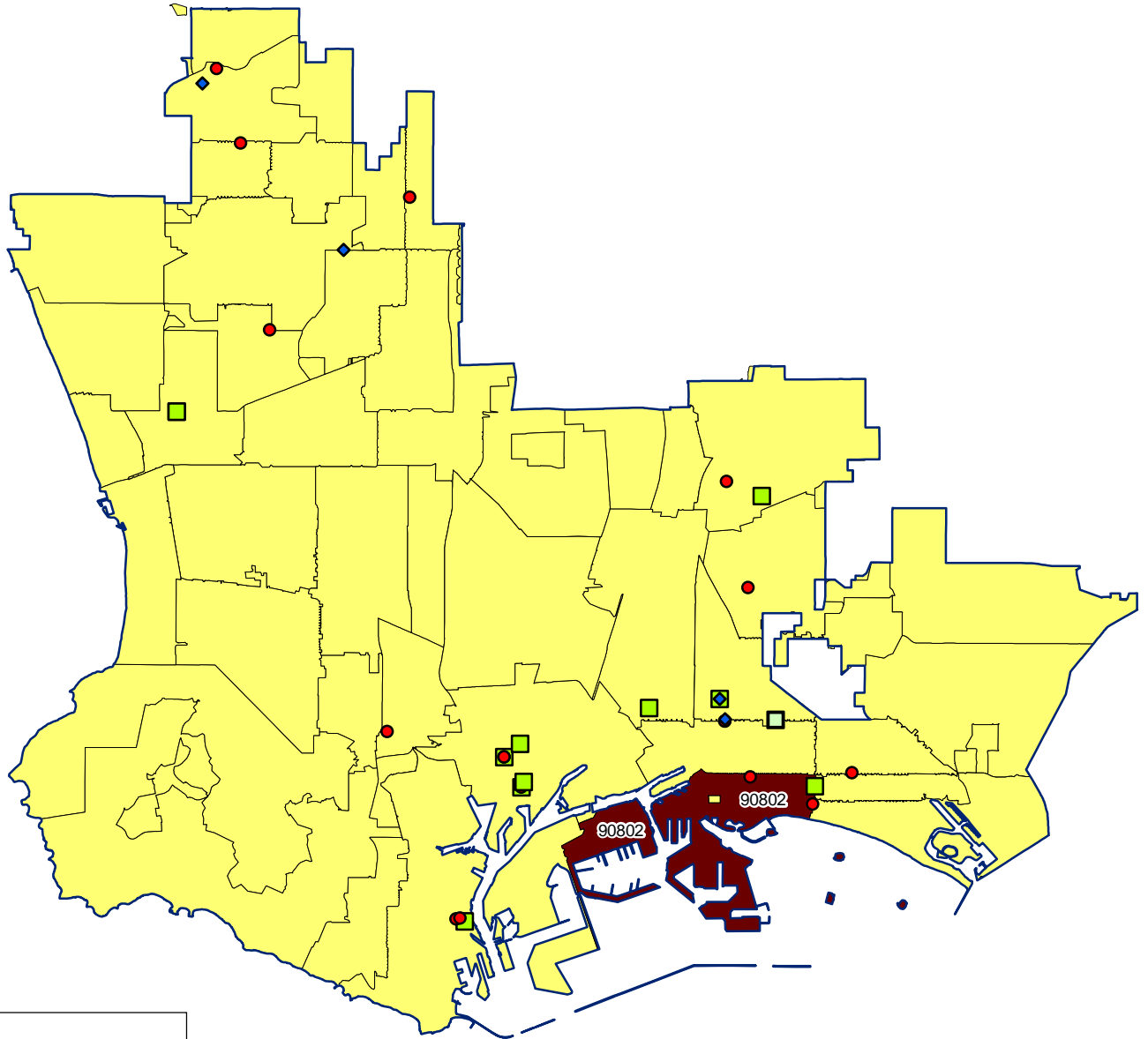
New Positive Tests

<=5

* New HIV Positive Tests reported by Zip Code of Residence



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



Legend

HCT Sites

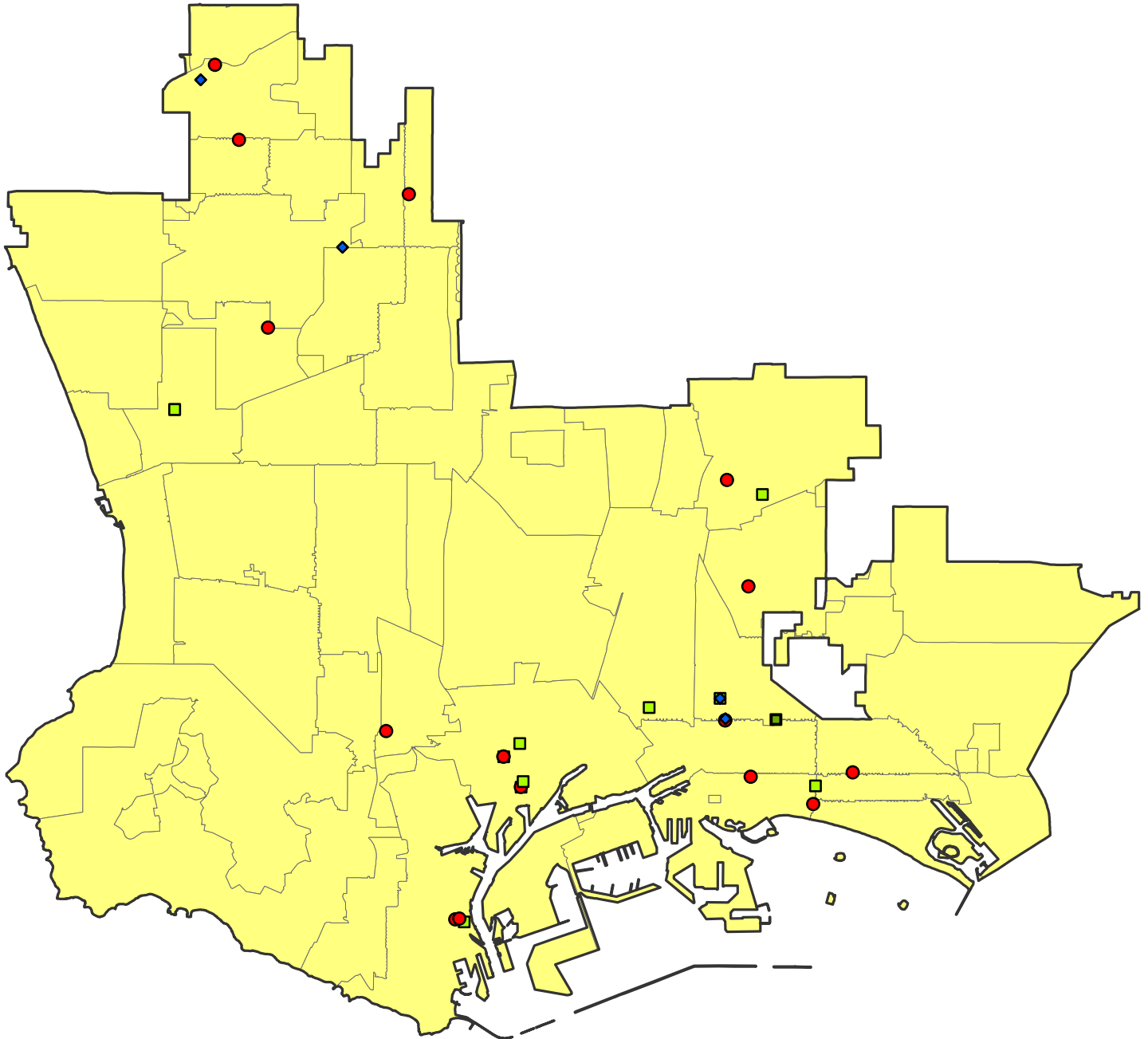
- agency
- ◆ drex
- mobile
- store front

New Positive Tests






- < 5
- ≥ 5



New Positive HIV Tests by Zip Code of Residence
and HIV Counseling and Testing Sites (SPA 8)
January - June, 2008
Los Angeles County



HCT Sites

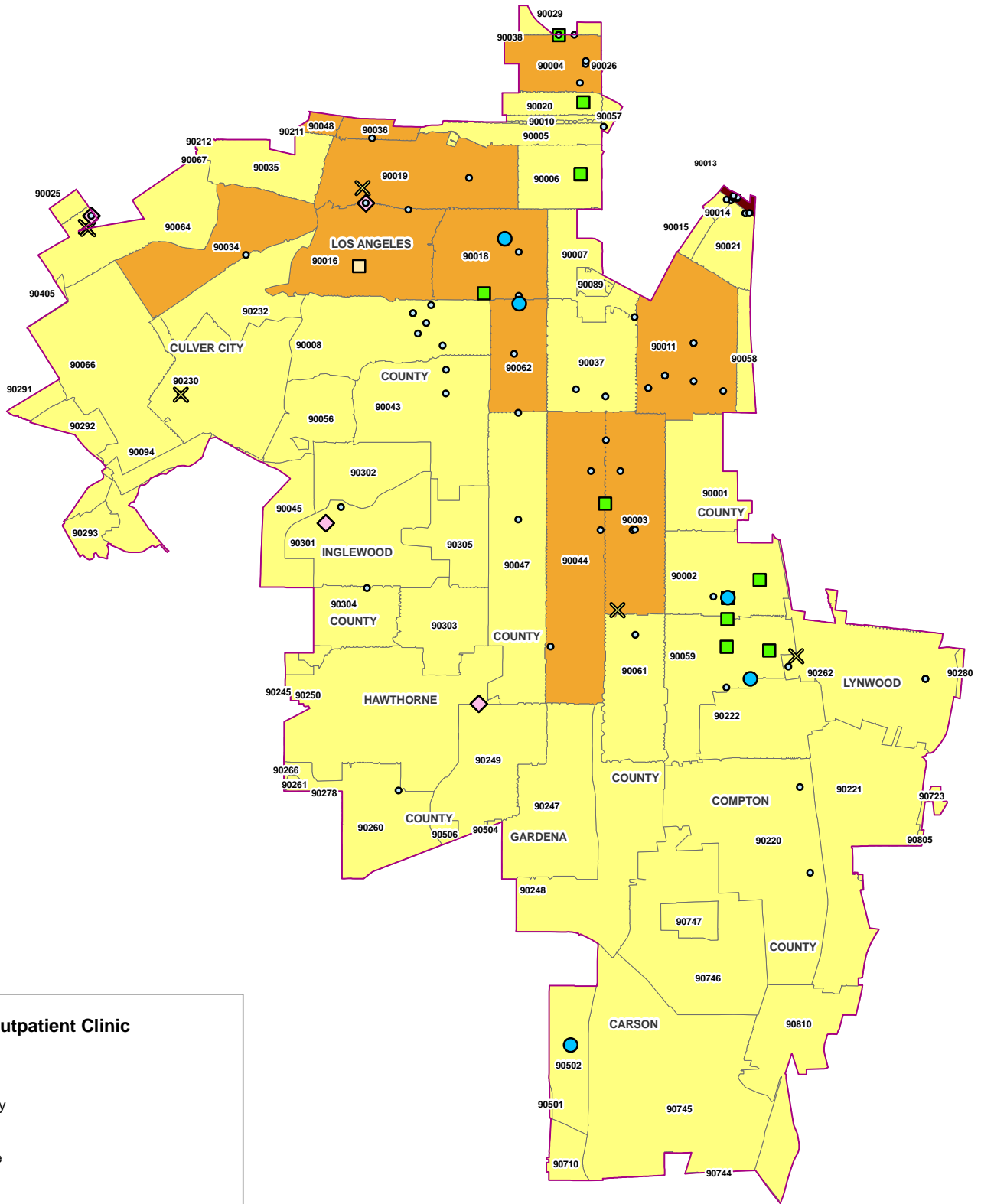
-  agency
-  drex
-  mobile
-  store front
-  <=5

* New HIV Positive Tests reported by Zip Code of Residence



Source: HCT Data, January-June, 2008

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



Medical Outpatient Clinic

-

HCT Site

- agency
- ◆ dex
- mobile
- ✕ other
- store front

**New HIV Positive Client Distribution
Zip Code Count**

- < 5
- 5 - 9
- 10 - 13



Source: HIRS, 2008; Casewatch; 2008; HCT Data FY2006-07, Planning & Research Division