HIV Counseling and Testing
2005-2006 Data

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Overview

• General LA County Information
• HIV Counseling and Testing (HCT) Services
• HCT Venues for this Data Presentation
• General Description of HCT Data
  ▪ LA Data 2005
  ▪ LA Data 2006
• Overview of HCT Statistics
• Data Summary
• Issues for the Prevention Planning Committee to Consider
Los Angeles County

Square Miles: 4,086
Population: 10.2 Million

Latino/a 46.5%
White 29.9%
Asian/PI 13.2%
African-American 9.8%
Native American 1.1%

Proportion of California
Population: 29%

Proportion of California
AIDS Cases: 35%

Living with HIV/AIDS:
56,500 to 62,200
(Estimated)
Estimated Number of Persons Living with HIV/AIDS in LAC as of April 2007

*Estimates based on a range of 1:1 to 1.2:1 ratio of HIV (non-AIDS) to AIDS cases
**Estimates based on CDC’s estimate that 25% are unaware of their HIV infection (Glynn, 2005)
HIV Counseling and Testing Services

What is Funded by OAPP?

• HIV Counseling and Testing Programs in:
  ▪ Storefronts
  ▪ Mobile Testing Units
  ▪ Mobile Testing Units with STD Testing (Multiple Morbidity Programs)
  ▪ Jails

• Routine testing in medical settings through the Advancing HIV Prevention Initiative:
  ▪ LAC+USC
  ▪ LA Free Clinic
  ▪ Clinica Oscar Romero

• Partner Counseling and Referral Services with HIV Testing
  ▪ AIDS Healthcare Foundation
HIV Counseling and Testing Services

What other Public Resources Support HIV Testing?

• County Hospitals
• Public Health STD Clinics
• STD Program
• Research Studies (e.g., HIV Epidemiology, STD Program etc.)
• County Clinics (Public Private Partnerships)
• Others
HIV Counseling and Testing (HCT) Venues

• Department of Public Health (2005)
  ▪ STD Clinics

• Department of Health Services (2005)
  ▪ Personal Health Clinics

• Office of AIDS Programs and Policy
  ▪ Drug Treatment Facilities
  ▪ Court Sites
HIV Counseling and Testing (HCT) Venues

• Community Based Organizations
  ▪ Storefronts
  ▪ Mobile Testing Units
  ▪ Jails

• Other Clinics/Sites (May 2005)
  ▪ Loyola Marymount University

• Medical Outpatient Sites
General Description of Data

Los Angeles County HCT Data, 2005

• Preliminary Data
  ▪ Represents data from two data systems
  ▪ Data collection system change (2004)
• Introduction of Rapid Testing in 2004
  ▪ 10 Agencies (3 Mobile Testing Units)
• Data Limitations
  ▪ Duplicated clients
  ▪ Risk from Last 2 Years or Last Test Result
  ▪ Self-Reported data
General Description of Data

Los Angeles County HCT Data, 2006

- Preliminary Data
  - Represents data from HIRS Flat File
  - Updated monthly
  - 2006 data as of September 1, 2007 (reporting delay)

- Data Limitations
  - Data cleaning in progress
  - Risk from Last 2 Years or Last Test Result
  - Self-Reported data
  - Data Delay
# HCT Statistics

## 2005 vs. 2006*

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006 *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Assessments</td>
<td>36,169</td>
<td>31,825</td>
</tr>
<tr>
<td>Tests</td>
<td>35,955</td>
<td>31,453</td>
</tr>
<tr>
<td>Positives</td>
<td>578</td>
<td>589</td>
</tr>
<tr>
<td>New Positives</td>
<td>457</td>
<td>496</td>
</tr>
<tr>
<td>Disclosures</td>
<td>28,979</td>
<td>27,373</td>
</tr>
</tbody>
</table>

* Preliminary data, as of September 1, 2007 due to delay in reporting
# HCT Statistics

## 2005 vs. 2006*

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006 *</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Test Acceptance</td>
<td>99.4%</td>
<td>98.8%</td>
</tr>
<tr>
<td>% Positive</td>
<td>1.6%</td>
<td>1.9%</td>
</tr>
<tr>
<td>% New Positive</td>
<td>1.3%</td>
<td>1.6%</td>
</tr>
<tr>
<td>% Disclosed</td>
<td>80.6%</td>
<td>87.0%</td>
</tr>
<tr>
<td>% New Positives Disclosure**</td>
<td>85.8</td>
<td>88.5%</td>
</tr>
<tr>
<td>% Confirmed New Positive Disclosed</td>
<td>NA</td>
<td>26.2%</td>
</tr>
</tbody>
</table>

* Preliminary data, as of September 1, 2007 due to delay in reporting

**Percent Preliminary positive disclosures for rapid tests and new positive disclosure for standard tests.
HCT Data, 2005 vs. 2006
Tests by Election Type

2005
- Confidential: 79%
- Anonymous: 21%
- Unknown: 0%
- n=35,955

2006
- Confidential: 80%
- Anonymous: 20%
- Unknown: 0%
- n=31,453*

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006

Tests by Gender

- **2005**
  - Male: 63%
  - Female: 36%
  - Transgender: 1%
  - Other: 0%
  - Unknown: 1%
  - Unknown = 117
  - Total: n=35,955

- **2006**
  - Male: 67%
  - Female: 32%
  - Transgender: 0%
  - Other: 0%
  - Unknown: 0%
  - Total: n=31,453*

*Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
Tests by Race/Ethnicity

2005
Unknown=72
n=35,955

2006
Unknown=1
n=31,453*

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs 2006
Tests by Behavioral Risk Group

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
Tests by Service Planning Area (SPA)

2005
N= 35,955
Unk=2,374

2006*
N= 31,453
Unk=1,906

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
New HIV Positive Results by Test Election

2005
n =457

2006*
78%

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
New HIV Positive Results by Gender

2005
Unknown
n=0

2006*
Unknown
n=1

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs 2006
New HIV Positive Results by Age

2005
Unknown=3

2006*
Unknown=1

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs 2006
New HIV Positive Results by Race

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs 2006
Percent of New HIV Positive Results by SPA

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
New HIV Positive Results by Behavioral Risk Group

<table>
<thead>
<tr>
<th>Behavioral Risk Group</th>
<th>2005</th>
<th>2006*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSMIDU</td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>MSMW</td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>MSM</td>
<td>13%</td>
<td>13%</td>
</tr>
<tr>
<td>Het IDU</td>
<td>4%</td>
<td>3%</td>
</tr>
<tr>
<td>WASR</td>
<td>12%</td>
<td>7%</td>
</tr>
<tr>
<td>TSR/TIDU</td>
<td>19%</td>
<td></td>
</tr>
<tr>
<td>Non-BRG</td>
<td>42%</td>
<td>52%</td>
</tr>
</tbody>
</table>

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
Sexual Orientation by BRG Among New HIV Positive Results

Heterosexual: 94%
Bisexual: 1%
Gay, lesbian, queer: 5%
Other: 0%
Client doesn't know: 0%
Missing: 1%

MSM and MSM IDU
n=277

MSMW
n=35

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Non-BRG Tests

• n=46
• Gender - 96% are Male
  ▪ 44 Males and 2 Females
• Race
  ▪ 48% are Latino/a
  ▪ 28% are African American
  ▪ 15% are White
  ▪ 4% are Asian/Pacific Islander
  ▪ 4% are Other
• Age
  ▪ 39% are 20 to 29 years old
  ▪ 26% are 30 to 39 years old
  ▪ 22% are 40 to 49 years old

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Non-BRG Tests

• Service Planning Area (SPA)
  ▪ 40% SPA 4
  ▪ 21% SPA 2
  ▪ 17% SPA 6
  ▪ 7% SPA 5
  ▪ 5% SPA 3
  ▪ 5% SPA 7
  ▪ 5% SPA 8

• Sexual Orientation
  ▪ 87% Heterosexual (n=40)
  ▪ 9% Gay, Lesbian, queer (n=4)
  ▪ 4% Bisexual (n=2)

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Non-BRG Tests

• Number of Sex Partners
  - 30% 1 Partner
  - 20% 10+ Partners
  - 13% 2 Partners
  - 13% 0 Partners

• Reason for Testing
  - 39% Risky Behavior
  - 41% Other

• Drug Use
  - 13% Cocaine (n=6)
  - 9% Amphetamine (n=4)

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2005 vs. 2006
New HIV Positive Results by Gender

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*

New HIV Positive Tests Among Women

- N=60
- Race
  - 40% are African American
  - 30% are Latina
  - 10% are Asian/PI
  - 13% are White
  - 5% are Other
  - 2% are American Indian/Alaskan Native
- Age
  - 33% are 40 to 49 years old
  - 30% are 30 to 39 years old
  - 20% are 20 to 29 years old
  - 12% are >=50 years old
  - 3% are 20 to 29 years old
  - 2% are unknown

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Tests Among Women

• BRG (96% High Risk Behaviors)
  - 83% WASR
  - 13% IDU
  - 3% Non-BRG

• Risk Behaviors
  - 30% crack use
  - 13% Heroin use
  - 13% Marijuana use

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Results Among Women

• Number of Sex Partners
  ▪ 48% 10+ Partners (highest =100)
  ▪ 23% 2 Partners
  ▪ 25% 1 Partner
  ▪ 3% 0 Partners

• Service Planning Area (SPA)
  ▪ SPA 1: 4%
  ▪ SPA 2: 9%
  ▪ SPA 3: 11%
  ▪ SPA 4: 45%
  ▪ SPA 5: 4%
  ▪ SPA 6: 18%
  ▪ SPA 7: 5%
  ▪ SPA 8: 5%
  ▪ Unknown SPA: 5%

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
New HIV Positive Results Among Women

• Reason for Testing
  ▪ 55% Risky Behavior
  ▪ 17% Re-confirming HIV+ result
  ▪ 5% Past HIV + Partner
  ▪ 10% Other

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*
Incidence Among Tests by Behavioral Risk Group

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006*

New HIV Positive Results and Disclosures in Community Based Organization Sites

* Preliminary data, as of September 1, 2007 due to delay in reporting

**Preliminary + and + Standard test Disclosures
HCT Data, 2006*
New Positive Standard vs. Rapid Tests

* Preliminary data, as of September 1, 2007, due to delay in reporting
HCT Data, 2006*
New Positive Disclosures Among Standard vs. Rapid Tests

* Preliminary data, as of June 1, 2007, due to delay in reporting
HCT Data, 2000 – 2006*
Tests

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2000 – 2006*
New HIV Positive Percent by Year

* Preliminary data, as of September 1, 2007 due to delay in reporting
HCT Data, 2006
Missing Data

• Zip Code
• Behavioral Risk Group Data
• Referrals
HCT Data, 2006
Data Summary

• Slight decrease in number of tests from 2005
• Increase in percent new positives
• Increased overall disclosure percent
• Increased preliminary New HIV Positive disclosure percent
• Confirmed new positive disclosure percent low
HCT Data, 2006
Data Summary

• 96% of Non-BRG New Positive tests are Male

• Compared to other behavioral risk groups, transgender tests had the highest incidence of new positive results (5.84%)
HCT Data, 2006

Data Summary

• Although 34% of all testers are MSM (including MSM, MSM/W and MSM/IDU), MSM account for 76% of all New HIV Positive results

• Women with new HIV positive results report high-risk behaviors

• Although about 30% of the tests were among Women, they comprised 13% of the New HIV Positive results
HCT Data, 2006
Data Summary

• Overall number of tests since 2000 have decreased due to lower number of sites reporting and provision of rapid HIV testing

• Although there has been a decrease in tests, the HIV positivity rate is increasing

• Since 2000, OAPP-funded testing programs have identified over 5,300 New HIV positive test results
Issues for HIV Prevention Planning Committee to Consider:

- Review data to inform priority setting process
- What proportion of funding should go towards HIV Counseling and Testing
- What models of HIV testing can be recommended for funding
- How to plan for HCT services given data
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