HIV/AIDS Epidemiology in Alameda County:
State of the County Report

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County Health Officer and Public Health Director
Alameda County

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White House Office of National AIDS Policy:
Regional Listening Session
Oakland City Hall, Oakland, CA

Our Mission

To work in partnership with the community
to ensure the optimal health and well-being of all people
through a dynamic and responsive process
respecting the diversity of the community and
challenging us to provide for present and future generations.
Our Vision

Everyone in Alameda County, no matter who you are, how much money you make, where you live or the color of their skin, has the same opportunities for a healthy, fulfilling and productive life.

In relationship to the HIV/AIDS epidemic...

“People are healthy, live well and enjoy life.”
Our Desired Population Results

- **Healthy Policies and Systems**
  Support healthy places, healthy people and equitable opportunity

- **Healthy Places**
  Protect and support health, safety and well-being

- **Healthy People**
  Have the knowledge, habits, support and opportunity to be healthy and live well

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**HIV Diagnosis Rates by Sex, Alameda County, 2010-2012**

*Rates are for 2011. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. SOURCE: CDC, "Rates of diagnoses of HIV infection among adults and adolescents, by area of residence, 2011—United States and 6 dependent areas. "*
Headline Indicator: HIV-related Life Expectancy/Mortality

Life expectancy at birth in Alameda County overall is 81.4 years

...but a 20 year old living with HIV is only expected to live to 63-70 years*

*Life expectancy estimate and 95% confidence interval: 46.4 (43.1,49.7)

Headline Indicator: New HIV Diagnosis by Race/Ethnicity

DATA SOURCE: Alameda County eHARS, 2014 Q1
Headline Indicator:
HIV+ People with Undetectable Viral Loads

![Bar Charts: First vs Recent Percentages for 2011 and 2012](image)

Source: Alameda County Enhanced HIV/AIDS Reporting System (eHARS)

People Living with HIV/AIDS (PLWA):
Year-End 2012

![Map: Distribution of PLWA](image)

Source: CAPS, with data from HARS 2012
People Living with HIV/AIDS (PLWHA): Year-End 2013

Female

Male

N=5,565
DATA SOURCE: Alameda County eHARS, 2014 Q1

People Living with HIV/AIDS (PLWHA): By Race/Ethnicity, Year-End 2013

African American

White

Hispanic/Latino

API

Other/Unknown

N=5,565
DATA SOURCE: Alameda County eHARS, 2014 Q1
County Trends in HIV Diagnosis:
Rates by Sex

DATA SOURCE: Alameda County eHARS, 2014 Q1

HIV Diagnosis Rates by Race/Ethnicity,
Alameda County, 2010-2012

*Rates are for 2011. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. SOURCE: CDC, "Rates of diagnoses of HIV infection among adults and adolescents, by area of residence, 2011—United States and 6 dependent areas."
DATA SOURCE: Alameda County eHARS, 2014 Q1
County Trends in HIV Diagnosis:
Rates by Sex & Race/Ethnicity

HIV Diagnosis Rates by Age,
Alameda County, 2010-2012

*Rates are for 2011. Estimated numbers resulted from statistical adjustment that accounted for reporting delays, but not for incomplete reporting. SOURCE: CDC, "Rates of diagnoses of HIV infection among adults and adolescents, by area of residence, 2011—United States and 6 dependent areas. *"
DATA SOURCE: Alameda County eHARS, 2014 Q3
County Trends in HIV Diagnosis:
Rates by Age

DATA SOURCE: Alameda County eHARS, 2014 Q1

County-Funded HIV Testing:
By Race and By Age, 2013

- 6,334 tests done
- 65.2% male, 2.4% transgender
- 77 positives total (30 preliminary) for 0.74% positivity

DATA SOURCE: LEO, CY2013
County Trends in HIV Diagnosis: By Sex & Mode of Transmission, 2011-13

DATA SOURCE: Alameda County eHARS, 2014 Q1

White House Office of National AIDS Policy: Regional Listening Session
Oakland City Hall, Oakland, CA
County-Funded HIV Testing:
By Gender and Patient Risk Factor, 2013

HIV/AIDS Care:
Diagnosis, Linkage & Evidence of Care

*CD4 or VL done within 90 days of diagnosis
^ Some care defined as one or more laboratory tests done between March 30, 2012 – March 29, 2013
** Most recent viral load <=75 (ordered between March 30, 2012 – March 29, 2013)

DATA SOURCE: LEO, CY2013

DATA SOURCE: Alameda County eHARS, 2014 Q1
County Late Diagnosis*:
By Race/Ethnicity, 2011-13

* AIDS at or within a year of initial HIV diagnosis. Proportions are of the racial/ethnic group specified.
*Other/Unknown” race/ethnicity not shown (N=16).
DATA SOURCE: Alameda County eHARS, 2014 Q1

Special Thanks to...
HIV Epidemiology and Surveillance Unit
HIV STD Section
Division of Communicable Disease
Control and Prevention
Alameda County Public Health Department

Any questions? Thank you.
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Performance Accountability
Getting from Talk to Action

Customers

Performance Measures — Baselines
How much did we do?
How well did we do it?
Is anyone better off?
(Data Development Agenda)

Story behind the baselines
(Information & Research Agenda about Causes)

Partners

What works
(Information & Research Agenda about Solutions)

Strategy and Action Plan

Getting from Talk to Action: “Turn the Curve”

Measuring Impact (Effect):
HIV Education Services

<table>
<thead>
<tr>
<th>What We Do</th>
<th>How Well We Do It</th>
<th>Is Anyone Better Off?</th>
</tr>
</thead>
<tbody>
<tr>
<td># Trained, total</td>
<td>% report training as helpful</td>
<td>#</td>
</tr>
<tr>
<td># Trained, high-risk group</td>
<td>% decide to be tested for HIV</td>
<td>#</td>
</tr>
<tr>
<td># Forums/Workshops</td>
<td></td>
<td>#</td>
</tr>
<tr>
<td># Outreach</td>
<td></td>
<td>#</td>
</tr>
</tbody>
</table>

% who know their status
% with increased HIV
knowledge (Pre & Post)
% who know how to prevent HIV
% reporting reduced risk behaviors
### Measuring Impact (Effect): HIV Testing Services

<table>
<thead>
<tr>
<th>What We Do</th>
<th>How Well We Do It</th>
</tr>
</thead>
<tbody>
<tr>
<td># Tested</td>
<td>% tested who are in target population</td>
</tr>
<tr>
<td># IV Drug Users</td>
<td>% tested who are HIV+</td>
</tr>
<tr>
<td># MSM</td>
<td></td>
</tr>
<tr>
<td># Sex Workers</td>
<td></td>
</tr>
<tr>
<td># Partners of HIV+ People</td>
<td></td>
</tr>
<tr>
<td># HIV Tests</td>
<td></td>
</tr>
</tbody>
</table>

**Is Anyone Better Off?**

| # | % tested who know their HIV status (got results) |
| # | % testing HIV+ who were linked to care within 3 months |

### Measuring Impact (Effect): Linkage to Care Services

<table>
<thead>
<tr>
<th>What We Do</th>
<th>How Well We Do It</th>
</tr>
</thead>
<tbody>
<tr>
<td># Served</td>
<td>% followed up with</td>
</tr>
<tr>
<td># by Race/Ethnicity</td>
<td>% linked within 3 months</td>
</tr>
<tr>
<td># by Sex</td>
<td>% re-linked to care</td>
</tr>
<tr>
<td># by Sexual Orientation</td>
<td>% linked to culturally competent provider</td>
</tr>
<tr>
<td># by Age Group</td>
<td></td>
</tr>
<tr>
<td># by Substance Abuse</td>
<td></td>
</tr>
<tr>
<td># by Housing Status</td>
<td></td>
</tr>
<tr>
<td># in Foster Care</td>
<td></td>
</tr>
</tbody>
</table>

**Is Anyone Better Off?**

| # | % linked to care now with undetectable VL |
| # | % reporting reduced risk behaviors |
| # | % adhering to treatment |