Alameda County African American HIV/AIDS State of Emergency Report

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Alameda County

Oct 13, 2014

Health Committee
Alameda County Board of Supervisors
Vision:
In relationship to the HIV/AIDS epidemic...

“People are healthy,
live well and enjoy life.”
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

NOTES: Grey areas are 95% confidence bands
DATA SOURCE: Alameda County eHARS, 2014 Q2
NOT SHOWN: Other/unknown race (rates not calculable)
Headline Indicator: New HIV Diagnosis by Gender & R/E

Race/Ethnicity: All races/ethnicities, African American, White, Hispanic/Latino, API

NOTES: Grey areas are 95% confidence bands
DATA SOURCE: Alameda County eHARS, 2014 Q2

NOT SHOWN: Other/unknown race (rates not calculable)
More Detail:
New HIV Diagnosis by Age

NOTE: “Gender” refers to sex assigned at birth
DATA SOURCE: Alameda County eHARS, 2014 Q2
More Detail:
New HIV Diagnosis Trends by Age

NOTE: Grey areas are 95% confidence bands
NOT SHOWN: Ages 0-12 (due to small numbers)
DATA SOURCE: Alameda County eHARS, 2014 Q2
New HIV Diagnoses, Alameda County, 2011-2013

NOTE: N=575; an additional 76 (11.7% of all diagnoses) not represented due to missing or ungeocodable address data.
DATA SOURCE: Alameda County eHARS, 2014 Q1
People Living with HIV/AIDS, Alameda County, Year-End 2013

Rate per 100,000
- < 10 cases
- 118.6 - 319.3
- 319.4 - 500.9
- 501.0 - 749.5
- 749.6 - 1216.3
- 1216.4 - 2211.8

NOTE: N=4997; an additional 568 (10.2% of all PLWH/A) not represented due to missing or ungeocodable address data.
DATA SOURCE: Alameda County eHARS, 2014 Q1

San Francisco Bay
Alameda
Berkeley
Hercules
Emeryville
Oakland
San Leandro
Castro Valley
Antioch
Chino
Hayward
Union City
Fremont
Newark
San Mateo
In Summary: HIV Diagnoses

• New diagnoses
  ...are still mostly among African Americans and those aged 20-49
  ...are overwhelmingly—and increasingly—male
  ...are concentrated in the Oakland flats

• Diagnosis rates
  ...appear to have decreased overall since 2006
  ...have especially decreased among African American females
  ...appear to have increased among those aged 20-24 but decreased among those aged 30-39
Continuum of HIV Care: In Alameda County

• Linkage to HIV Care
• Retention
• Viral suppression
Linkage to HIV Care:
By Race/Ethnicity, 2010-2012

**NOTE:** Linkage defined as having CD4 and viral load tests
NOT SHOWN: N=17 patients with other/unknown race
DATA SOURCE: Alameda County eHARS, 2014 Q2
Linkage to HIV Care: By Gender, 2010-2012

Including labs on the date of diagnosis?

- All Sexes (N=669)
  - No: 69.8%
  - Yes: 81.9%

- Male (N=573)
  - No: 70.5%
  - Yes: 82.4%

- Female (N=96)
  - No: 65.6%
  - Yes: 79.2%

Percent linked in 90 days or less

NOTES: 1) Linkage defined as having CD4 and viral load tests; 2) “Gender” refers to sex assigned at birth
EXCLUSIONS: N=13 patients who died within 90 days of diagnosis
DATA SOURCE: Alameda County eHARS, 2014 Q2
Linkage to HIV Care:
By Age at Diagnosis, 2010-2012

Including labs on the date of diagnosis?

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percent Linked in 90 Days or Less</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Ages (N=669)</td>
<td>No: 69.8%, Yes: 81.9%</td>
</tr>
<tr>
<td>13-19 (N=34)</td>
<td>No: 58.8%, Yes: 81.1%</td>
</tr>
<tr>
<td>20-24 (N=95)</td>
<td>No: 67.4%, Yes: 82.8%</td>
</tr>
<tr>
<td>25-29 (N=93)</td>
<td>No: 72%, Yes: 79.7%</td>
</tr>
<tr>
<td>30-39 (N=158)</td>
<td>No: 65.8%, Yes: 81.9%</td>
</tr>
<tr>
<td>40-49 (N=182)</td>
<td>No: 69.8%, Yes: 88.7%</td>
</tr>
<tr>
<td>50 &amp; Over (N=106)</td>
<td>No: 79.2%, Yes: 88.7%</td>
</tr>
</tbody>
</table>

Percent linked in 90 days or less

NOTE: Linkage defined as having CD4 and viral load tests
NOT SHOWN: N < 5 patients aged 5-12
DATA SOURCE: Alameda County eHARS, 2014 Q2
Retention in HIV Care: By Race/Ethnicity, 2012

NOTE: Care visits defined as having CD4 and viral load tests
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
NOT SHOWN: N=169 PLHIV with other/unknown race/ethnicity
DATA SOURCE: Alameda County eHARS, 2014 Q2
Retention in HIV Care: By Gender, 2012

NOTE: Care visits defined as having CD4 and viral load tests; “Gender” refers to sex assigned at birth
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
DATA SOURCE: Alameda County eHARS, 2014 Q2
Retention in HIV Care:
By Age, 2012

NOTE: Care visits defined as having CD4 and viral load tests; age is at year-end 2011
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
NOT SHOWN: N=13 PLHIV aged 0-12
DATA SOURCE: Alameda County eHARS, 2014 Q2
### Headline Indicator: Viral Suppression

- **Virologic status**
  - Undetectable
  - Suppressed
  - Unsuppressed
  - Only CD4 reported
  - No labs reported

#### Data Breakdown

- **All races/ethnicities** (N=5,285)
- **African American** (N=2,238)
- **White** (N=1,786)
- **Hispanic/Latino** (N=875)
- **API** (N=217)

#### Notes:
- VL categories are defined as follows: Undetectable = 0-75 copies/mL, Suppressed = 76-199, Unsuppressed = 200+.
- EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012.
- NOT SHOWN: N=169 PLHIV with other/unknown race/ethnicity.
- DATA SOURCE: Alameda County eHARS, 2014 Q2.
NOTE: VL categories are defined as follows: Undetectable = 0-75 copies/mL, Suppressed = 76-199, Unsuppressed = 200+; “Gender” refers to sex assigned at birth
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
DATA SOURCE: Alameda County eHARS, 2014 Q2
More Detail:
Viral Suppression by Age

NOTES: VL categories are defined as follows: Undetectable = 0-75 copies/mL, Suppressed = 76-199, Unsuppressed = 200+
EXCLUSIONS: PLHIV at year-end 2011 who died (N=63) or moved (N=212) during 2012
NOT SHOWN: N=13 PLHIV aged 0-12
DATA SOURCE: Alameda County eHARS, 2014 Q2

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Stepping Up the Pace: AIDS 2014 20th International Conference Hub
The New Parkway Theater Oakland, CA
Sep 26, 2014
In Summary: Continuum of HIV Care, Alameda County

• Among new diagnoses:
  – 70-82% linked to care

• Among PLHIV:
  – 34% retained in care
  – 40% are virally suppressed
Any questions? Thank you.

Special Thanks to...

Dr. Neena Murgai and Richard Lechtenberg
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HIV STD Section
Division of Communicable Disease
Control and Prevention
Alameda County Public Health Department

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