The Continuum of HIV Care in Alameda County

February 3, 2015

Overcoming Health Disparities in the Bay Area:
Focus on HIV and HCV

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HIV in Alameda County: An Overview

• **227.3** new diagnoses per year, on average, in 2010-2012
  - **14.9** per 100,000 population per year

• **5,585** people living in Alameda County with HIV disease (PLHIV) at year-end 2012
  - Out of ~1.5 million total residents
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Among N=669 new diagnoses in 2010-2012*

Among N=5,370 PLHIV in Alameda Co. for the entirety of 2013**

*Of 682 total diagnoses, 13 died within 90 days and are excluded from analysis
**Of 5,585 PLHIV at year-end 2012, 42 are known to have died and an additional 173 to have moved out of Alameda County in 2013

1) Linkage defined as having a reported CD4 or VL ordered within 90 days or less of diagnosis; 2) Retention calculated using labs ordered in 2013; 3) Viral suppression defined as most recent VL in 2013 < 200 copies/mL
Linkage to HIV Care in ≤90 days of Diagnosis by Race/Ethnicity, Alameda County, 2010-2012

Including labs on the date of diagnosis?  No  Yes

- All races (N=669): 70.4% (No), 82.5% (Yes)
- African American (N=277): 70.4% (No), 81.2% (Yes)
- White (N=161): 67.1% (No), 80.7% (Yes)
- Hispanic/Latino (N=149): 73.2% (No), 86.6% (Yes)
- API (N=65): 70.8% (No), 83.1% (Yes)

NOT SHOWN: N=17 patients with other/unknown race.
Engagement in HIV Care in 2013 by Race/Ethnicity Among PLHIV, Alameda County

<table>
<thead>
<tr>
<th>Measure</th>
<th>1+ visit</th>
<th>2+ visits 90+ days apart</th>
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</thead>
<tbody>
<tr>
<td>All races (N=5,370)</td>
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<tr>
<td>African American (N=2,280)</td>
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<tr>
<td>White (N=1,787)</td>
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<td>Hispanic/Latino (N=906)</td>
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<tr>
<td>API (N=231)</td>
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</tbody>
</table>

NOT SHOWN: N=166 PLHIV with other/unknown race/ethnicity.
Most Recent Viral Load in 2013 by Race/Ethnicity Among PLHIV, Alameda County

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>N</th>
<th>Undetectable</th>
<th>Suppressed</th>
<th>Unsuppressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>All races (N=5,370)</td>
<td>20%</td>
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Conclusions

• These data reveal considerable room for improvement, particularly with retention and suppression

• Initial estimates however are encouraging in that they compare favorably with national and state numbers, viral suppression in particular
  – 34.9% of *diagnosed* PLHIV nationally in 2011 [1]
  – 47.6% of *diagnosed* PLHIV statewide in 2012 [2]

SOURCES:  [1] http://www.cdc.gov/mmwr/preview/mmwrhtml/mm63e1125a1.htm?s_cid=mm63e1125a1_e#fig1
Future Work

• Future work...

1. Examine trends in measures
2. Look at *sustained* viral suppression
3. Conduct multivariable analysis to “disentangle” the contributions of the demographic factors shown here, as well as other factors
Thank you!

Contact
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with any questions or comments