HIV in Boston
Methods

• Data were collected by Massachusetts Department of Public Health (MDPH) according to CDC surveillance criteria

• De-identified data are provided to the Boston Public Health Commission (BPHC)
  – Currently data for cases reported through 2013 are available

• Case location is defined as the place where the person resides at the time of HIV diagnosis
  – “Boston cases” include person living in Boston at the time of HIV diagnosis
There were 190* HIV cases reported in Boston residents in 2013.

- 31 cases per 100,000

*Cases exclude prisoners
Most reported HIV cases in 2013 were men (76%).
Boston 2013 Cases: **Race/Ethnicity**

- Black (non-Hispanic) and Latino residents account for 24% and 17% of the Boston population respectively, but accounted for 35% and 31% of HIV cases reported in 2013.

2013 HIV Cases

- **Black (non-Hispanic)**: 35%
- **Latino**: 31%
- **White (non-Hispanic)**: 31%
- **Other/Unknown**: 3%
Boston 2013 Cases: Age at Diagnosis

- The majority of cases (61%) were diagnosed at ages 20-44 years.

*2 cases unknown*
Men who have sex with men (MSM) made up the largest proportion (49%) of new HIV cases in 2013.
• MSM
  – Over 50% of all Boston cases with MSM risk were White residents, however the majority of MSM cases ages 13-29 years were men of color
  – Over 50% of new MSM cases were less than 35 years old
    • 20-24 year olds represented the largest MSM age group for new cases in 2013

• Heterosexual
  – Over 80% of all cases with heterosexual exposure (including presumed heterosexual) were in Black or Latina women
36% of Boston resident HIV cases reported in 2013 were born outside the United States.

<table>
<thead>
<tr>
<th>Country of Origin</th>
<th># Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>111</td>
</tr>
<tr>
<td>US Territory</td>
<td>8</td>
</tr>
<tr>
<td>Other</td>
<td>69</td>
</tr>
</tbody>
</table>
Boston: AIDS Cases, 2013

79 Boston residents were diagnosed with AIDS in 2013
- Includes people living with HIV who progressed to AIDS AND people initially diagnosed with AIDS at initial diagnosis

From 2011-2013, 150 of 572 new Boston resident HIV cases (26%) were concurrently* diagnosed with AIDS
- This may be a marker of late presentation for care.

*Received both an HIV and an AIDS diagnosis within 2 months of each other