Methods

• Data were collected by Massachusetts Department of Public Health (MDPH) and New Hampshire Department of Health & Human Services (NHDHHS) 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
The Boston EMA

- The Boston Eligible Metropolitan Area (EMA) consists of 7 MA counties and 3 NH counties around the city.

- Boston is in Suffolk County.
Boston EMA: People Living with HIV (PLWH) by Year

- As of 12/31/2013, there were 16,529* PLWH in the Boston EMA

*Cases exclude prisoners
• In 2013, there were 593* HIV cases reported in residents of the Boston EMA
  – 9 cases per 100,000

*Cases exclude prisoners
Most reported HIV cases in 2013 were men (76%).
Black (non-Hispanic) and Latino residents account for 6% and 9% of the Boston EMA population respectively, but accounted for 30% and 27% of HIV cases reported in 2013.
The majority of cases (59%) were diagnosed at ages 20-44 years.

*Not shown because of small numbers*
Men who have sex with men (MSM) made up the largest proportion (46%) of new HIV cases in 2013.
Boston EMA 2013 Cases: Risk Exposure (Continued)

- **MSM**
  - 59% of all Boston EMA cases with MSM risk were White residents, however the majority of MSM cases ages 13-29 years were men of color.
  - 53% of new MSM cases were less than 35 years old.
    - 25-29 year olds represented the largest MSM age group for new cases in 2013.

- **Heterosexual**
  - Over 75% of all cases with heterosexual exposure (including presumed heterosexual) were in Black or Latina women.
• **36%** of Boston EMA resident HIV cases reported in 2013 were born **outside the United States**.
Boston EMA: AIDS Cases, 2013

- 254 Boston EMA 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, 573 of 1,844 new Boston EMA resident HIV cases (31%) 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
HIV Prevalence
Boston EMA, 2013

- Suffolk County (which includes Boston) has the largest prevalence rate at 849 cases per 100,000 compared to any other county.