

# HIV in Boston EMA

**BOSTON  
PUBLIC  
HEALTH  
COMMISSION**



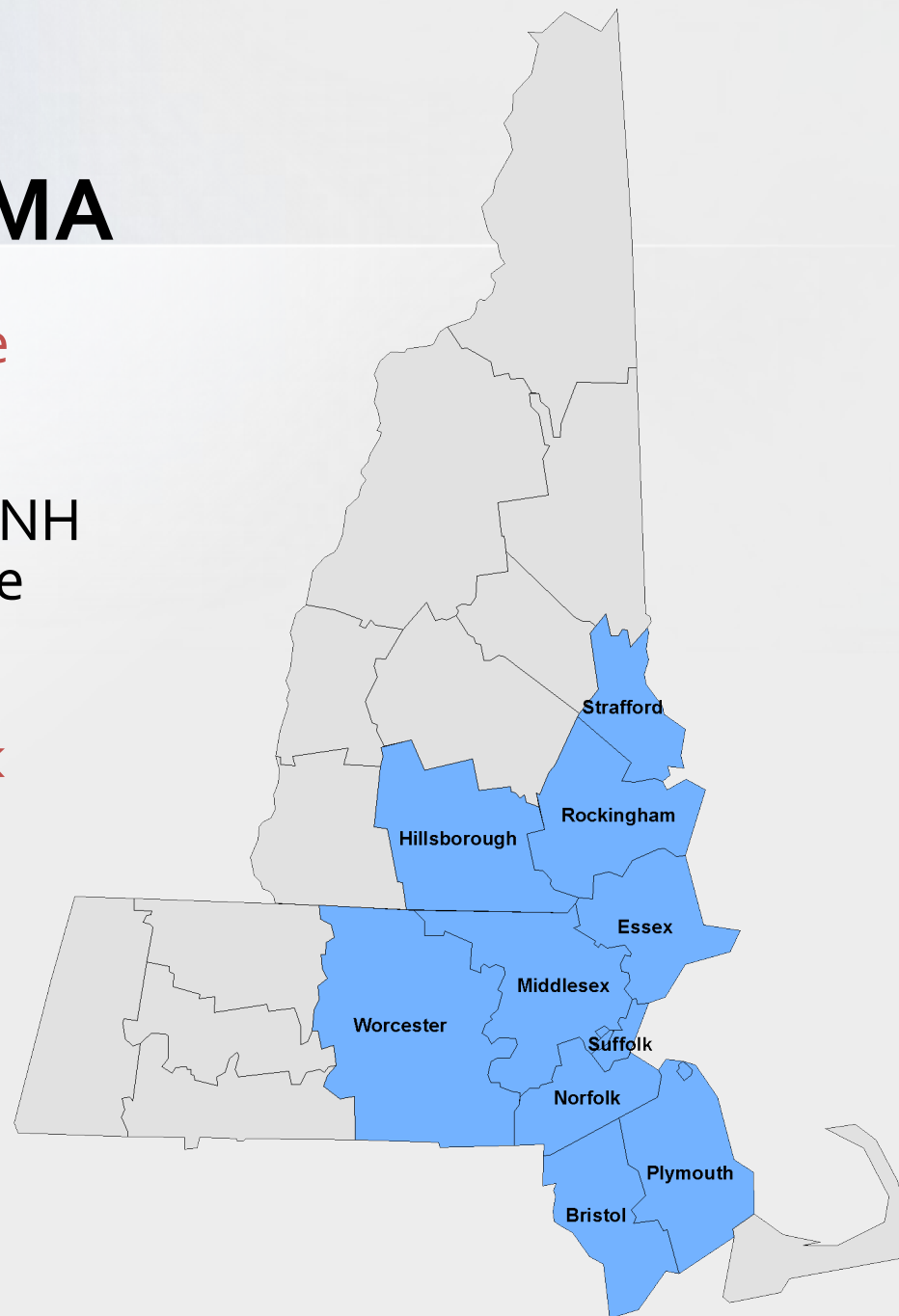
# Methods

- 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



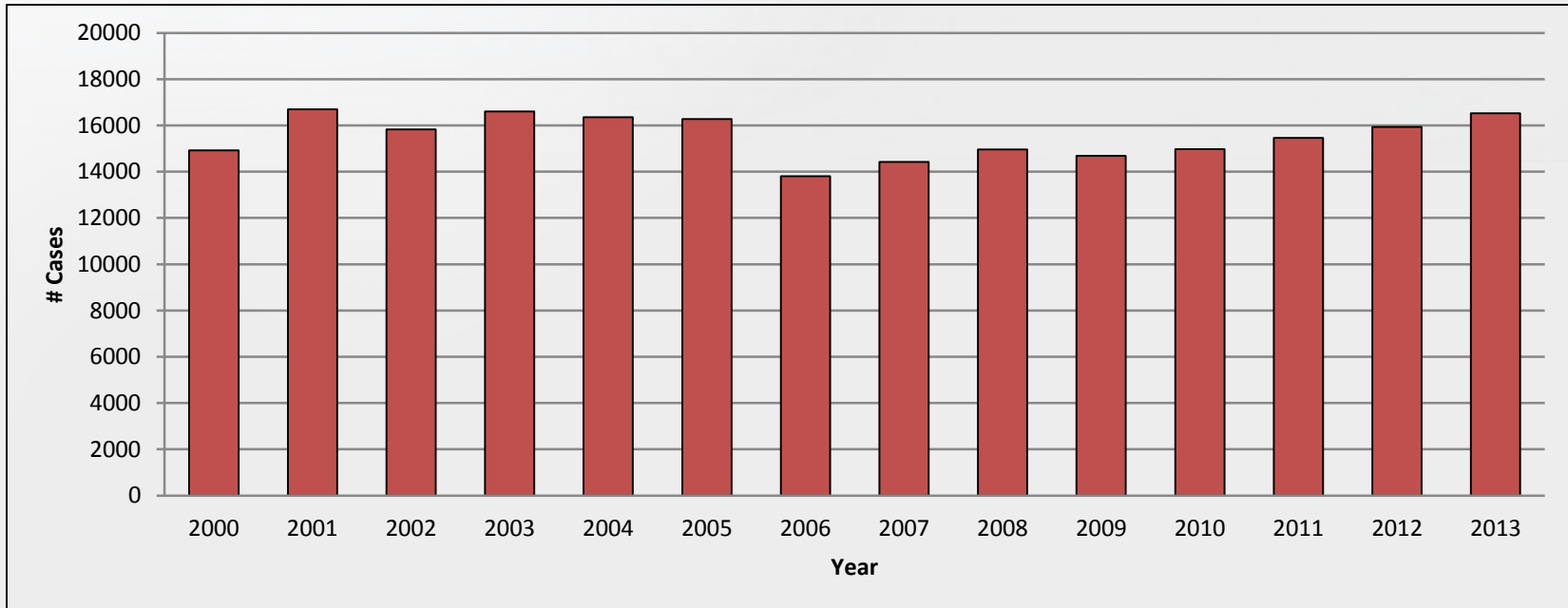
# The Boston EMA

- 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

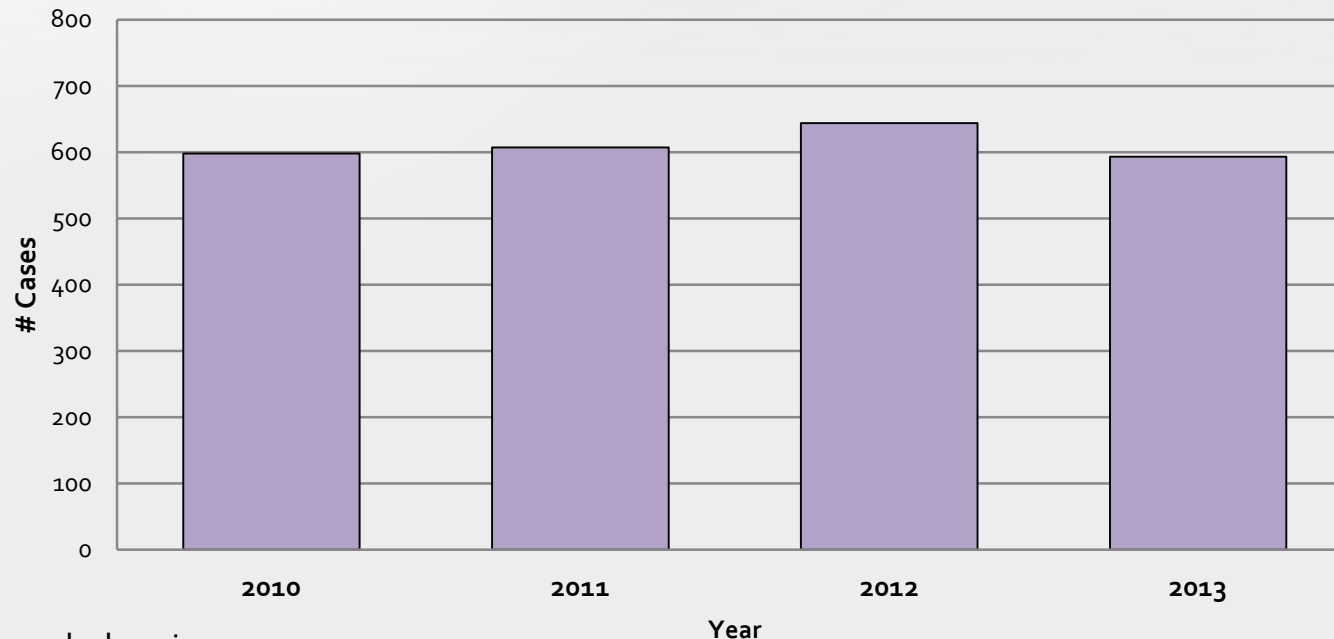


\*Cases exclude prisoners



# Boston EMA: New HIV Cases Reported by Year

- In 2013, there were 593\* HIV cases reported in residents of the Boston EMA
  - 9 cases per 100,000

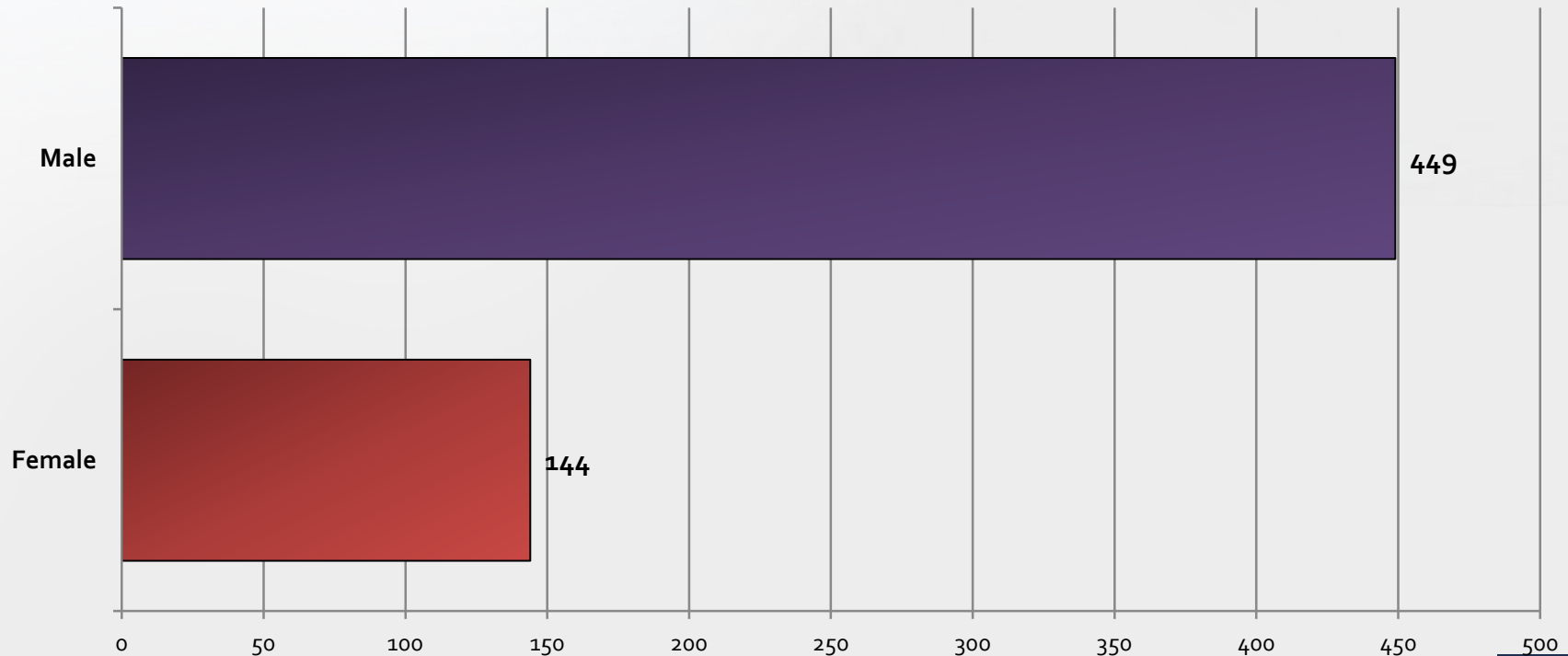


\*Cases exclude prisoners



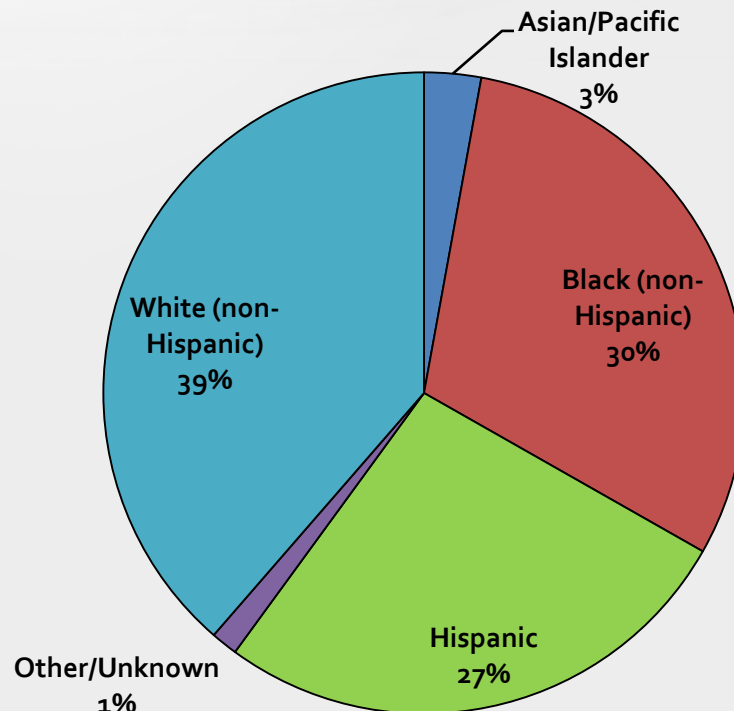
# Boston EMA 2013 Cases: Gender

- Most reported HIV cases in 2013 were **men** (76%).



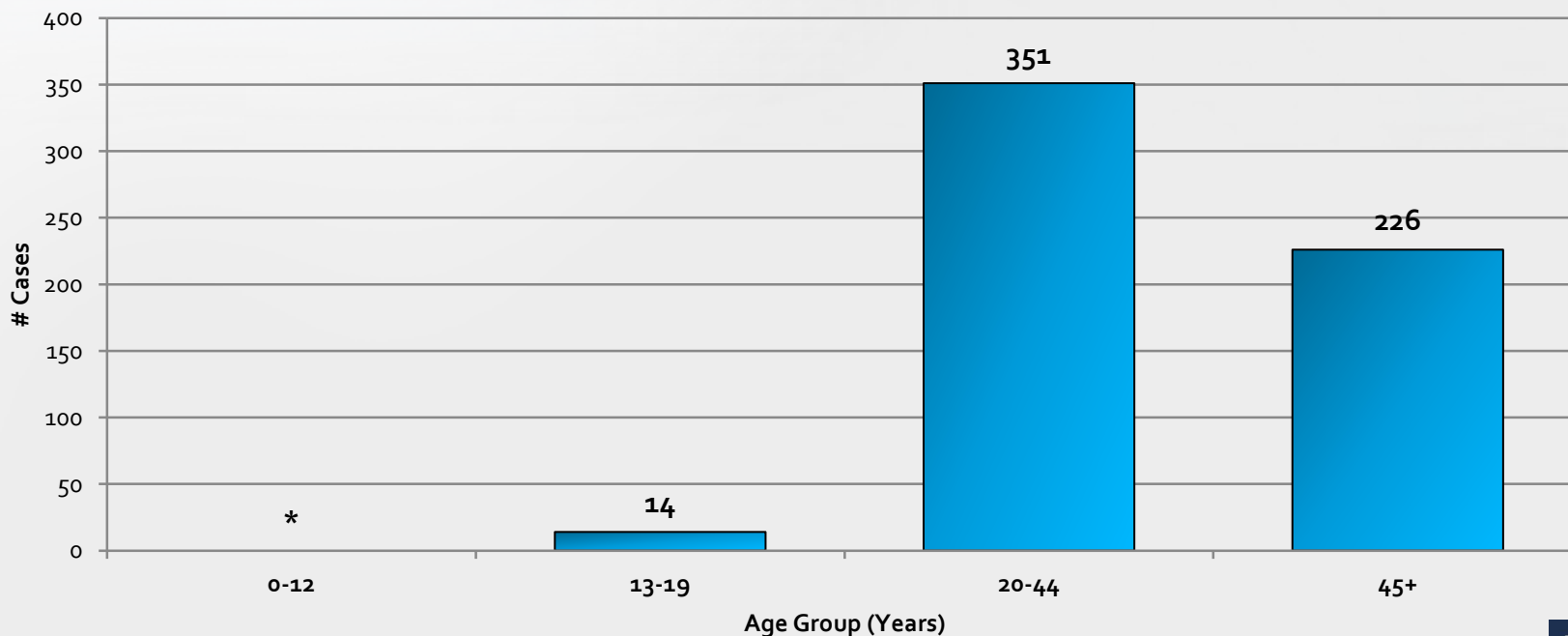
# Boston EMA 2013 Cases: Race/Ethnicity

- 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



# Boston EMA 2013 Cases: Age at Diagnosis

- The majority of cases (59%) were diagnosed at ages 20-44 years.

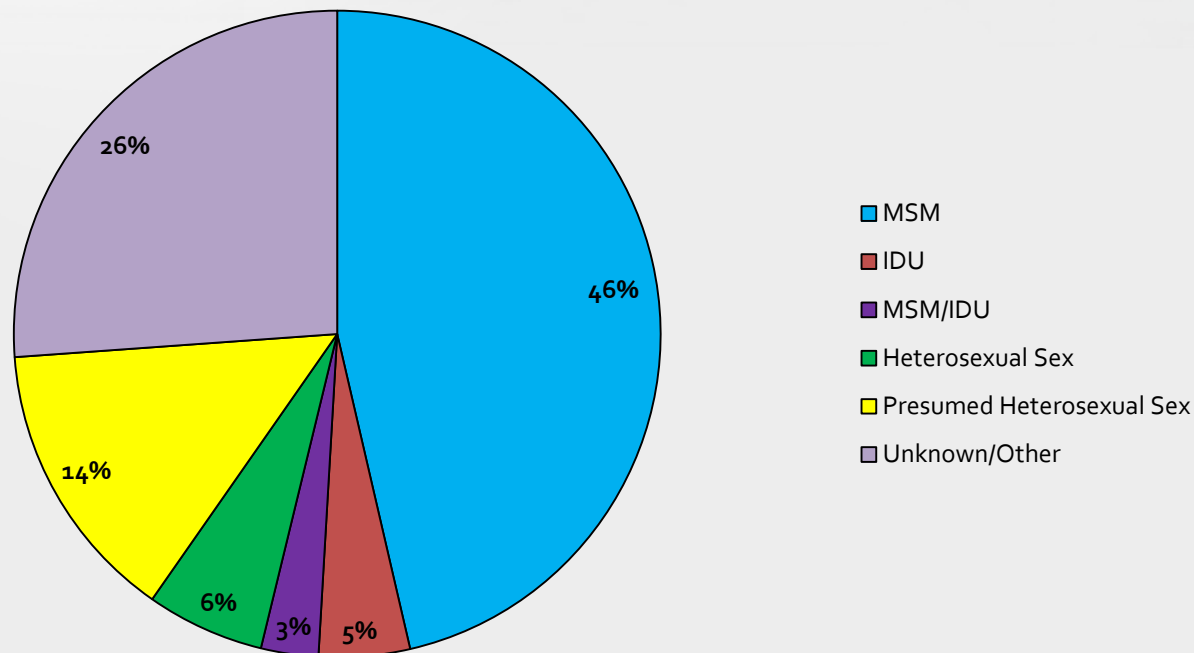


\*Not shown because of small numbers



# Boston EMA 2013 Cases: Risk Exposure

- Men who have sex with men (MSM) made up the largest proportion (46%) of new HIV cases in 2013.

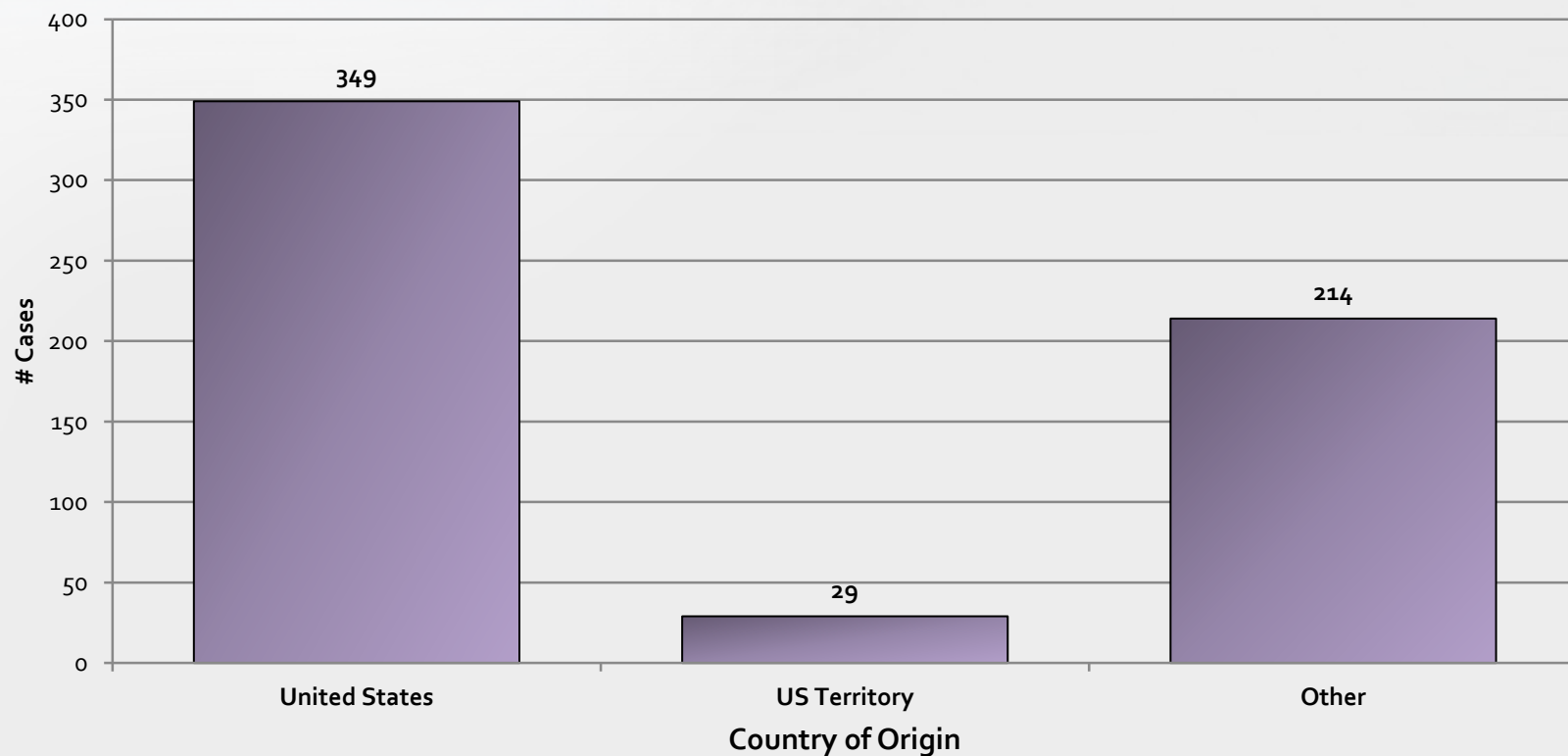


## Boston EMA 2013 Cases: Risk Exposure (Continued)

- 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

# Boston EMA 2013 HIV Cases: Country of Origin

- 36% of Boston EMA resident HIV cases reported in 2013 were born outside the United States.

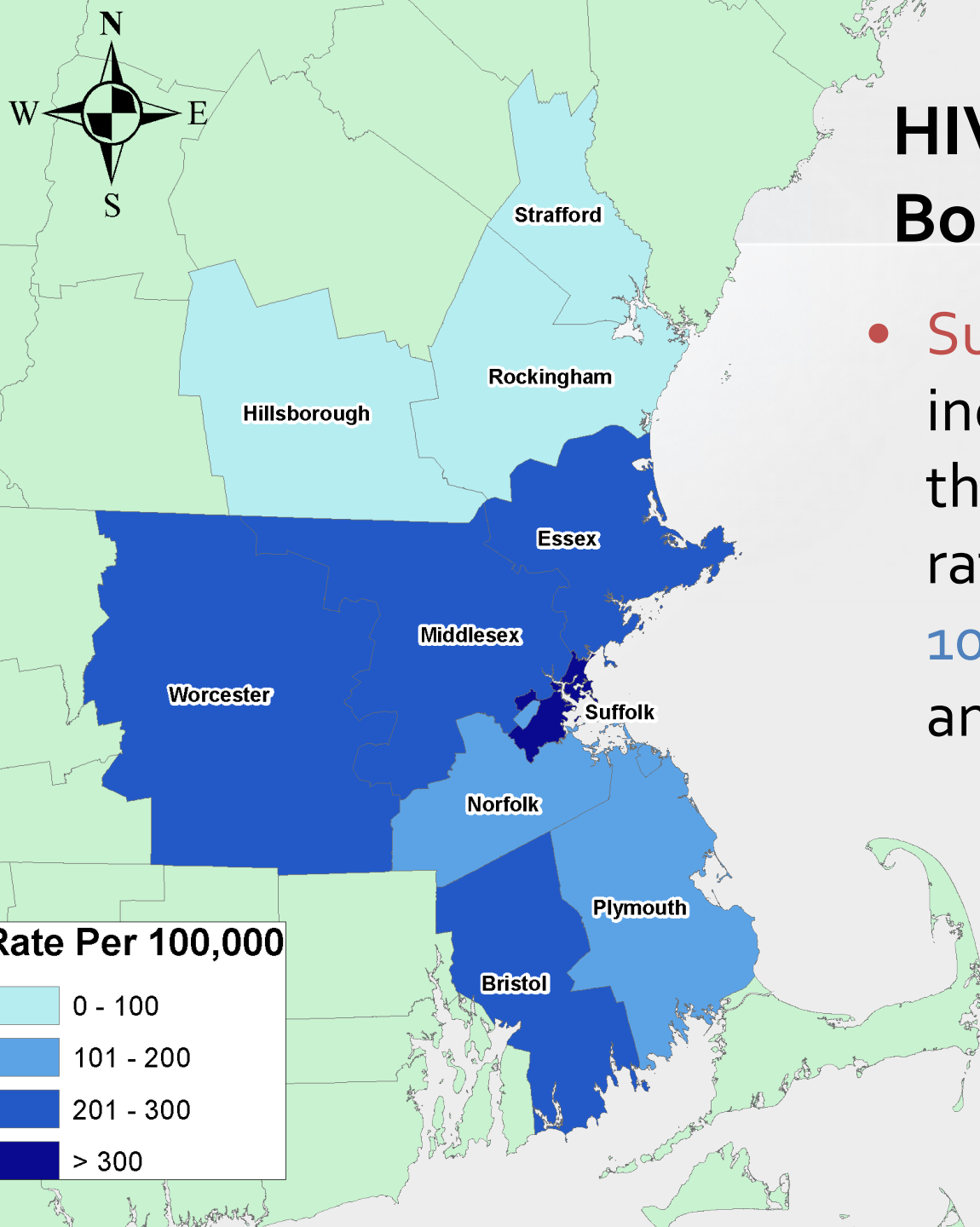


# Boston EMA: AIDS Cases, 2013

- 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

