

HIV in Boston

**BOSTON
PUBLIC
HEALTH
COMMISSION**



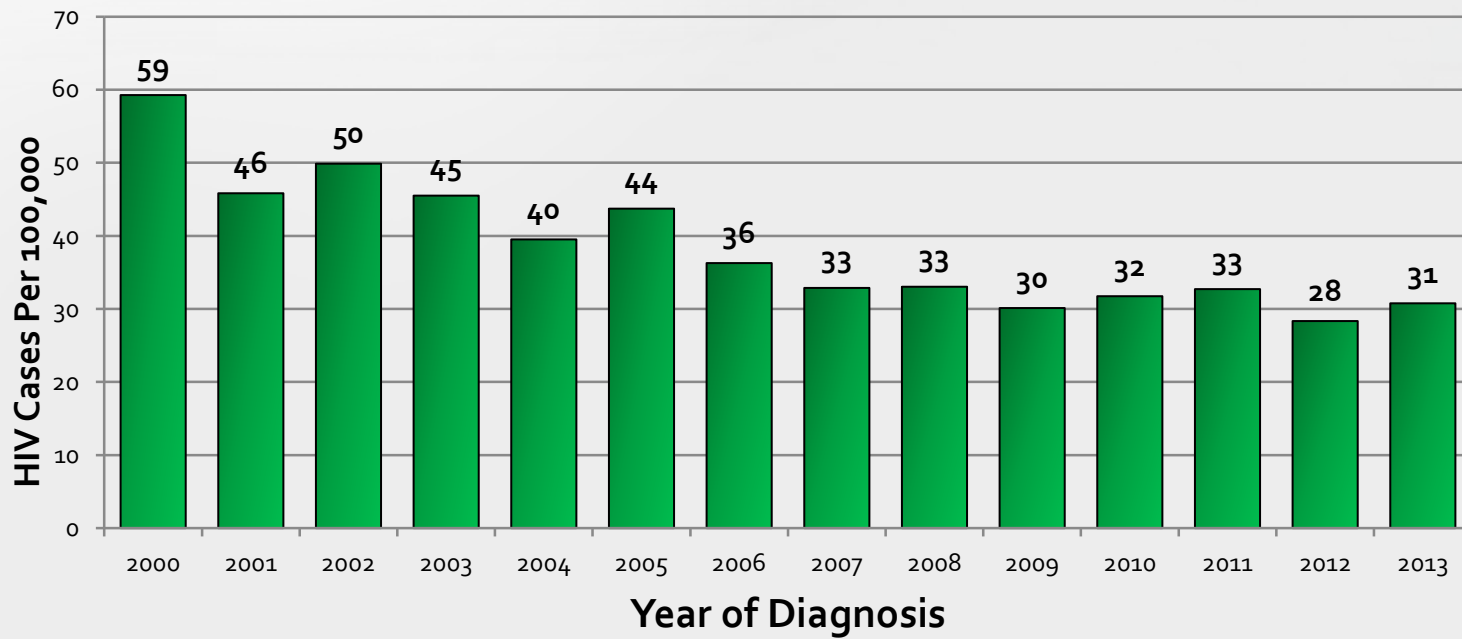
Methods

- 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



Boston: New HIV Cases Reported by Year

- There were **190*** HIV cases reported in Boston residents in 2013.
 - **31** cases per 100,000

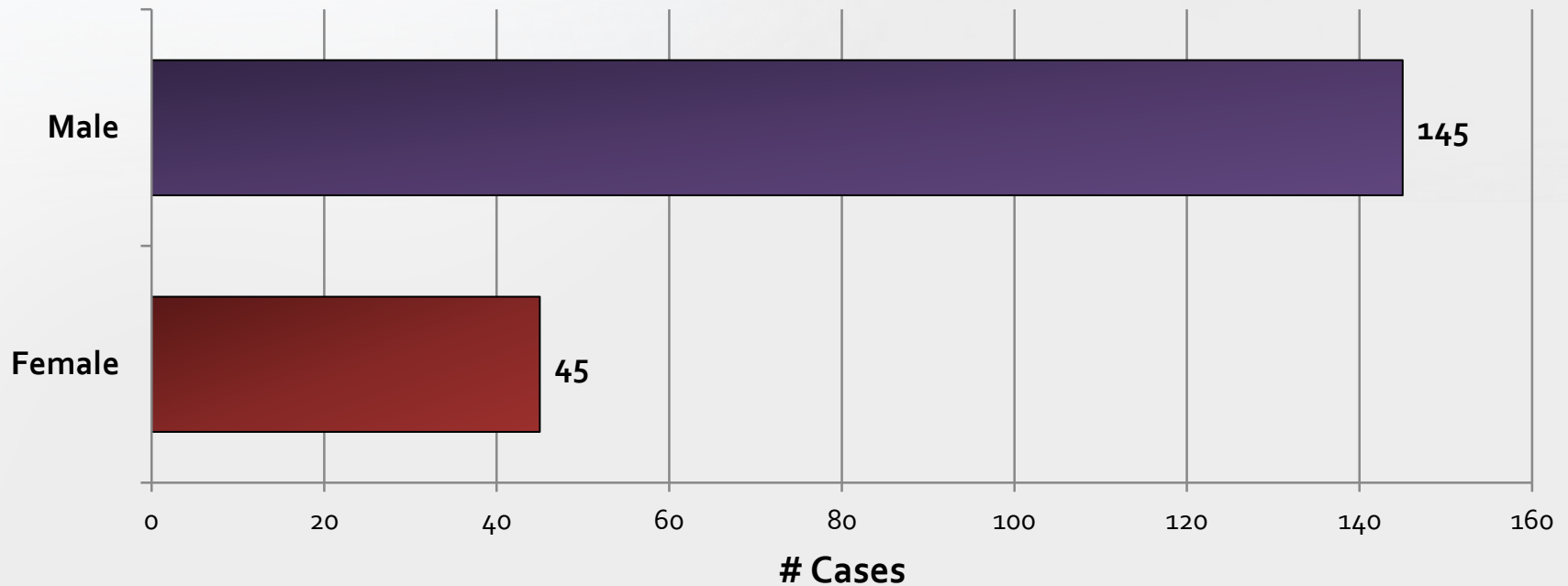


*Cases exclude prisoners



Boston 2013 Cases: Gender

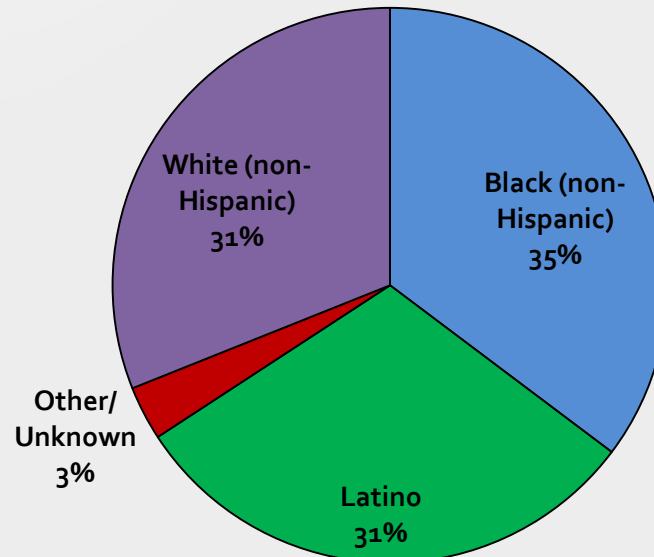
- Most reported HIV cases in 2013 were **men** (76%).



Boston 2013 Cases: Race/Ethnicity

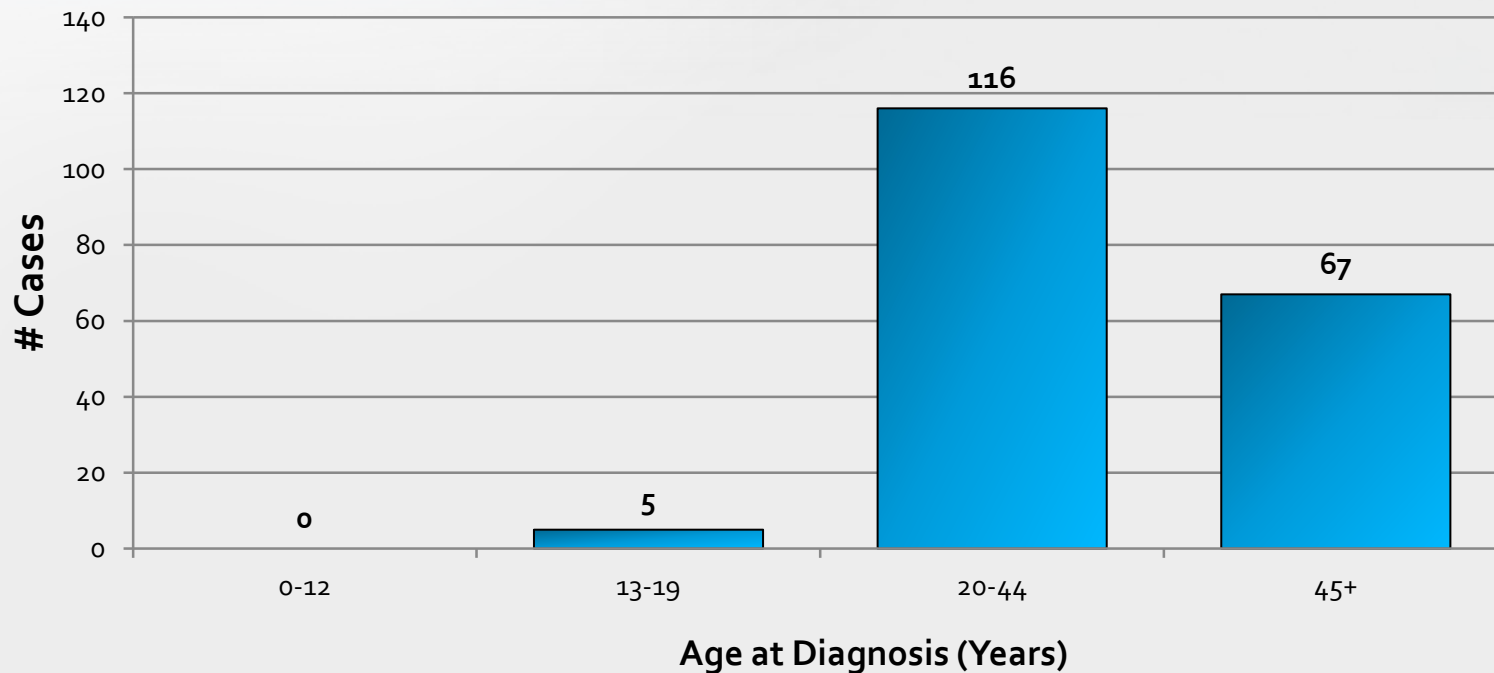
- Black (non-Hispanic) and Latino residents account for 24% and 17% of the Boston population respectively, but accounted for 35% and 31% of HIV cases reported in 2013.

2013 HIV Cases



Boston 2013 Cases: Age at Diagnosis

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

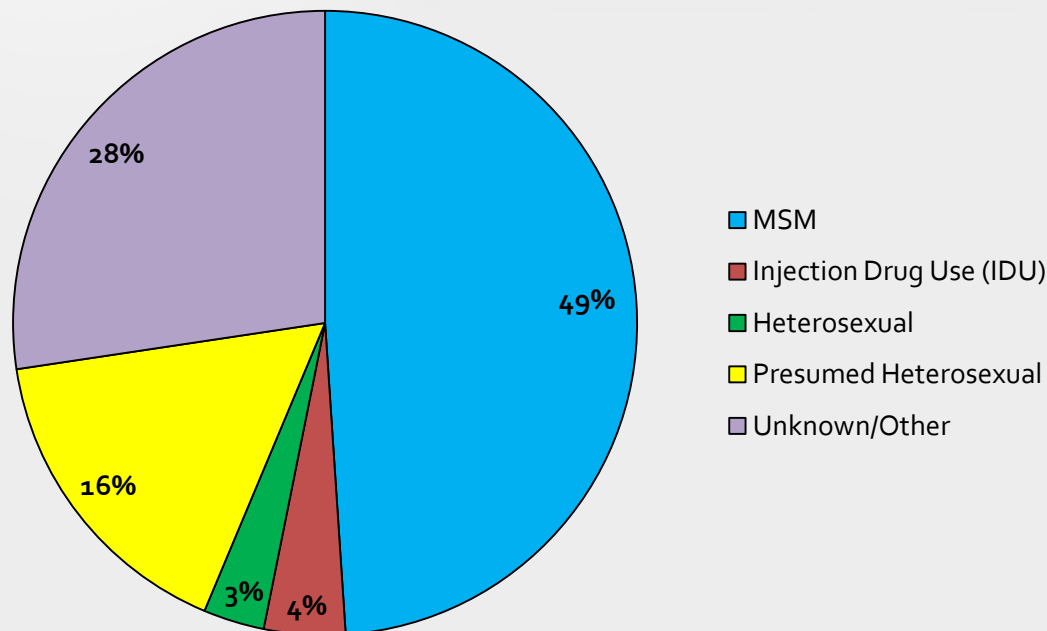


*2 cases unknown



Boston 2013 Cases: Risk Exposure

- Men who have sex with men (MSM) made up the largest proportion (49%) of new HIV cases in 2013.

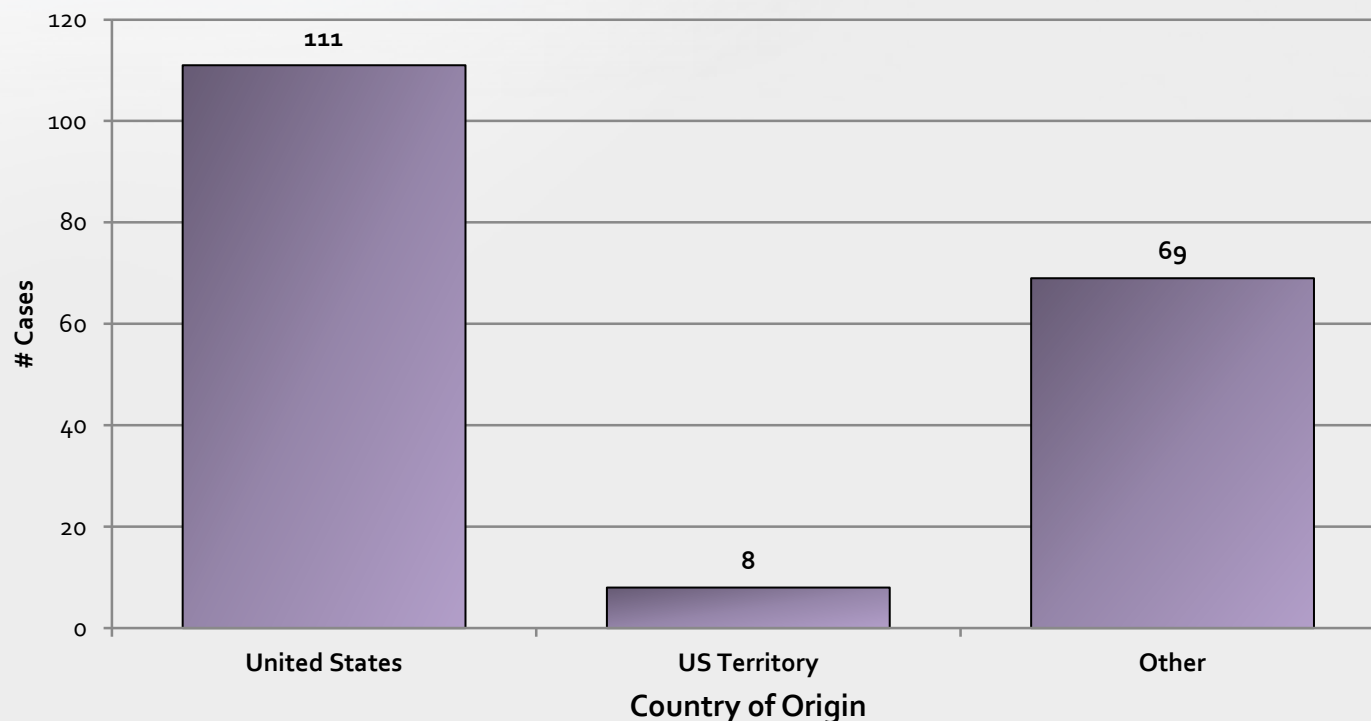


Boston 2013 Cases: Risk Exposure (Continued)

- 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**

Boston 2013 HIV Cases: Country of Origin

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



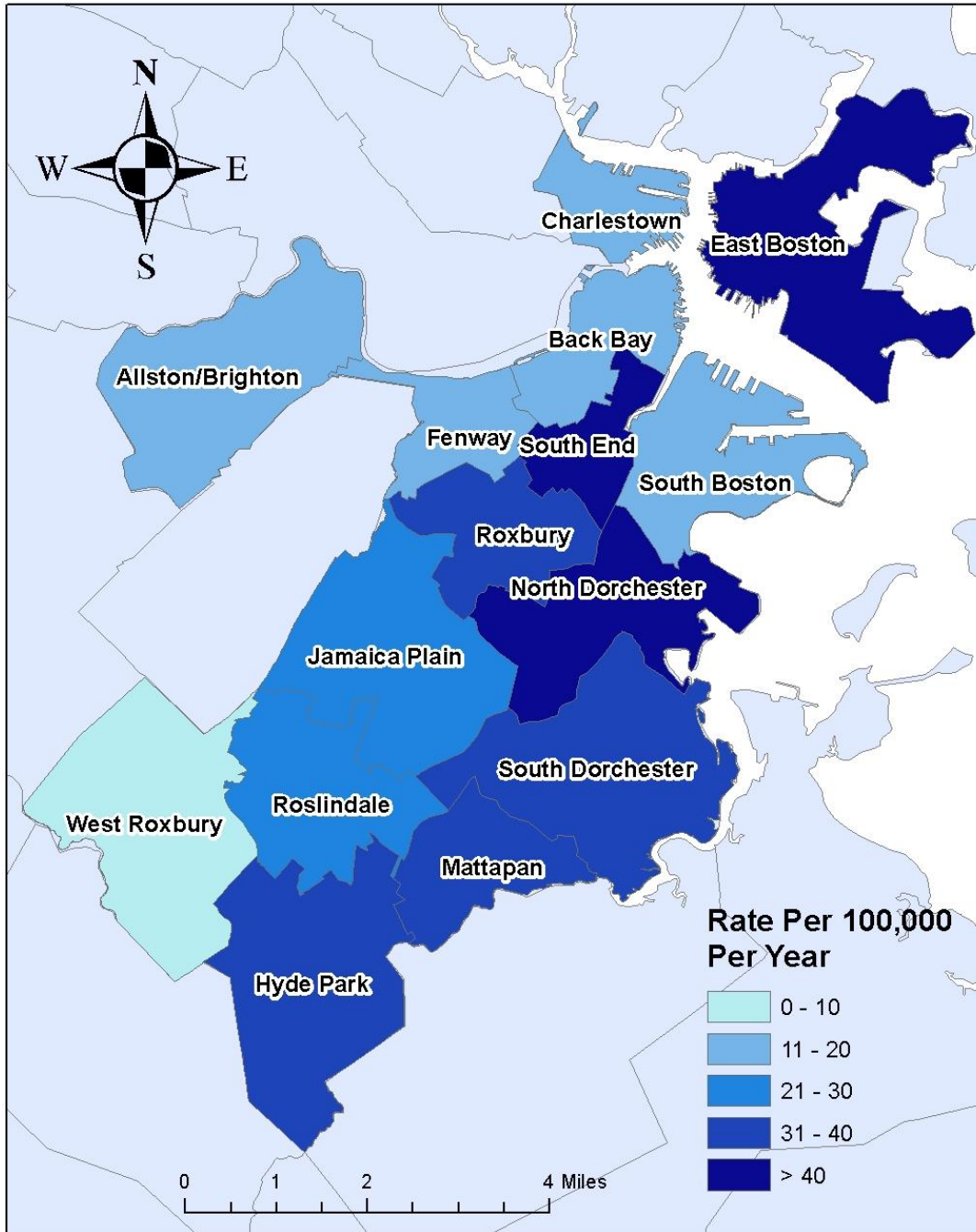
Boston: AIDS Cases, 2013

- 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.

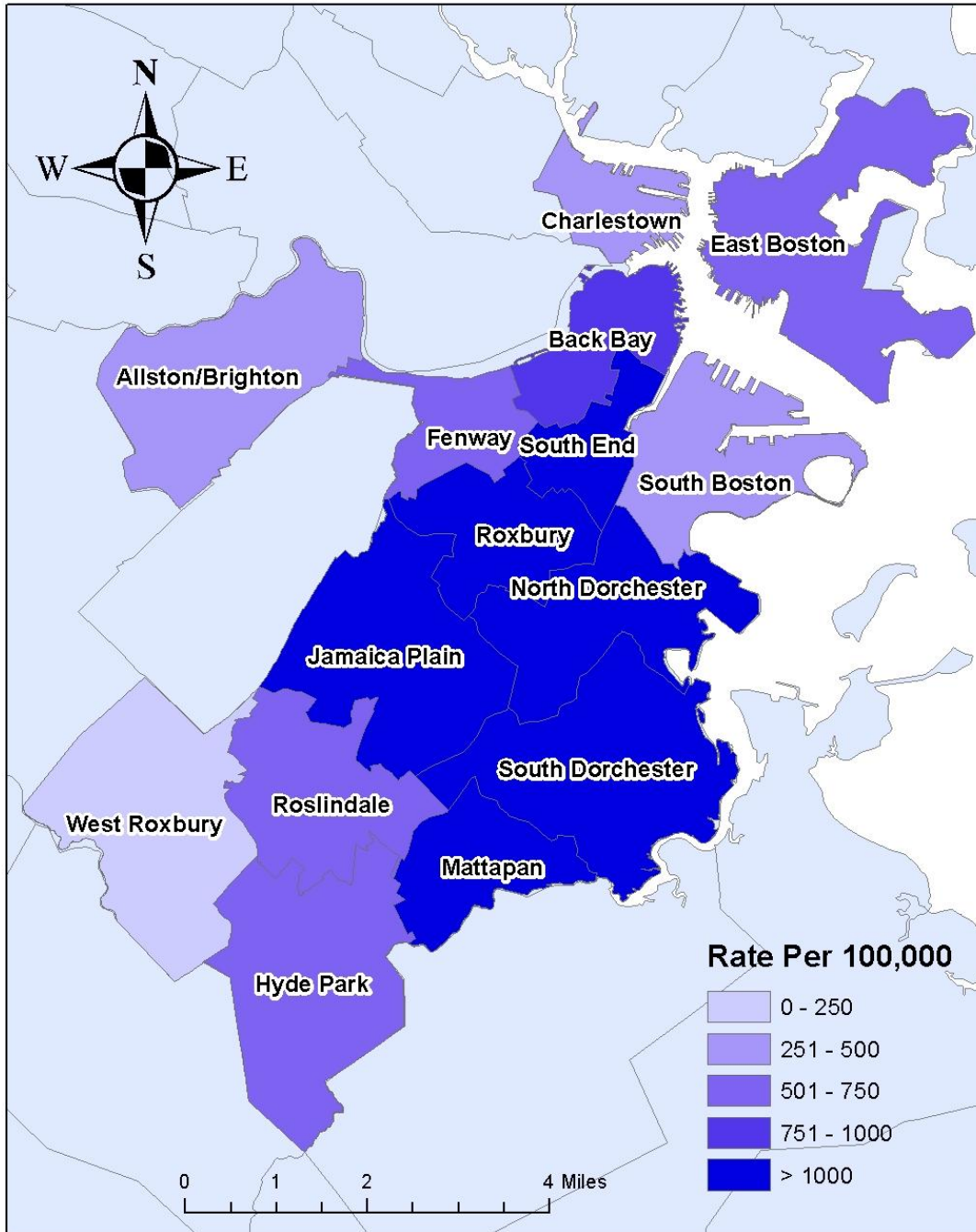
*Received both an HIV and an AIDS diagnosis within 2 months of each other



Reported Diagnoses of HIV Infection, Boston 2012-13



Boston HIV Prevalence Rates, 2013



Boston HIV Prevalence Rates in Women, 2013

