

HIV in Boston

2015

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Methods

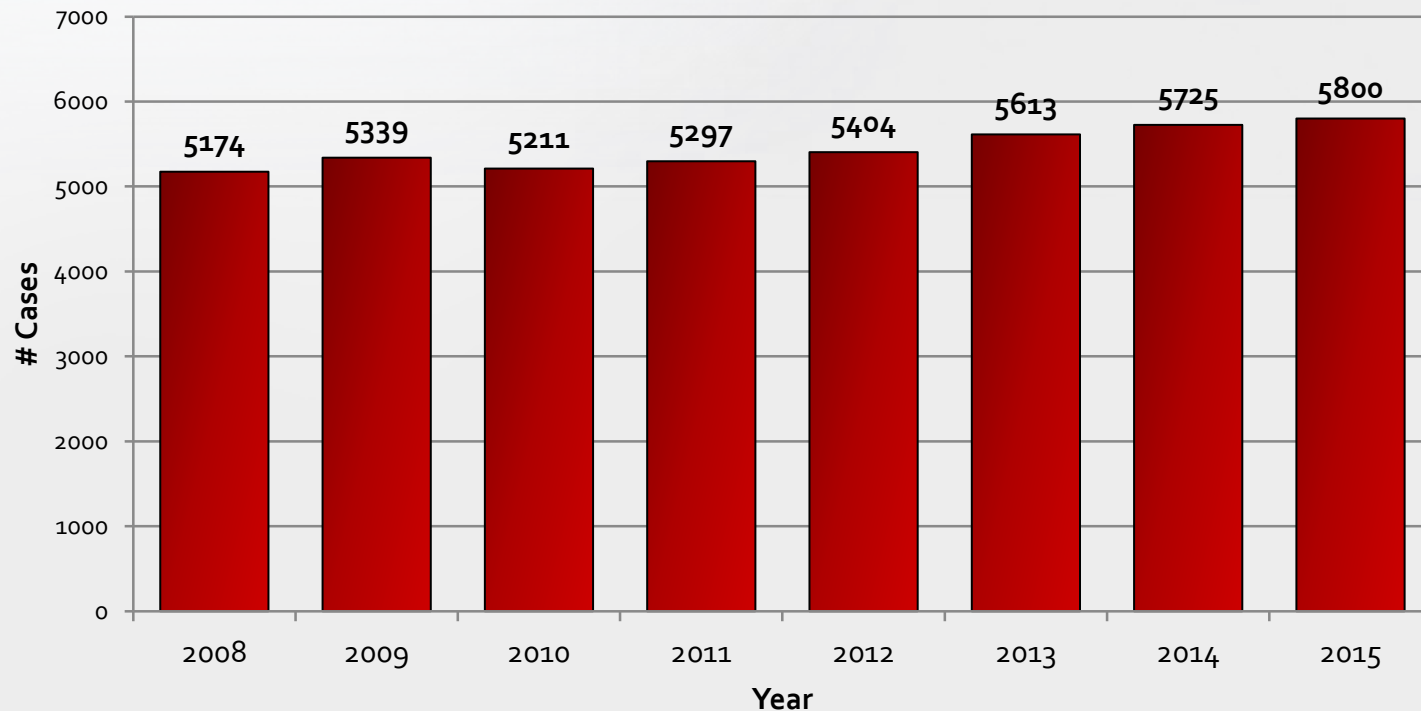
- Data were collected by Massachusetts Department of Public Health (MDPH) according to CDC surveillance criteria
- De-identified, aggregate data are provided to the Boston Public Health Commission (BPHC)
 - Currently data for cases diagnosed through 2015 are available; prevalence data include all cases diagnosed and living as of 12/31/2015
 - Numbers under 5 are suppressed for confidentiality
 - Individuals diagnosed while incarcerated are excluded
 - Data are current through 1/1/2017 and subject to change
- Case residence is defined as where the person resides at the time of diagnosis of HIV infection; for those diagnosed with AIDS, it is the residence at the time of diagnosis of AIDS
 - “Boston cases” include persons living in Boston at the time of HIV diagnosis
- Numbers may not add up to 100% due to rounding

People Living With HIV Boston 2015



Boston: People Living with HIV (PLWH) by Year

- As of 12/31/2015, there were **5,800** PLWH in Boston



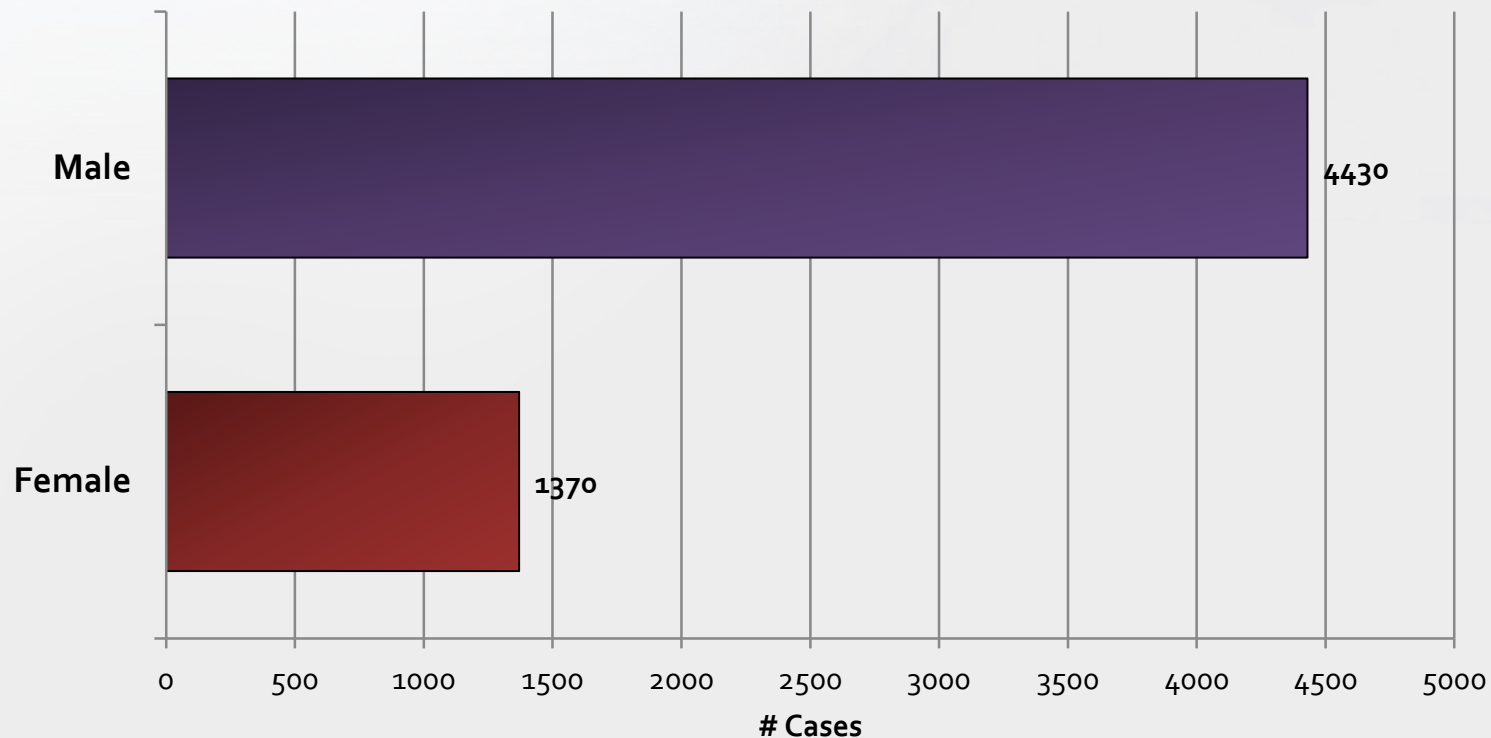
Data exclude individuals diagnosed while incarcerated

Source: MDPH

Data as of 1/1/2017

Boston - PLWH in 2015: Sex at Birth

- In 2015, a majority (76%) of PLWH were men



Data exclude individuals diagnosed while incarcerated

Source: MDPH

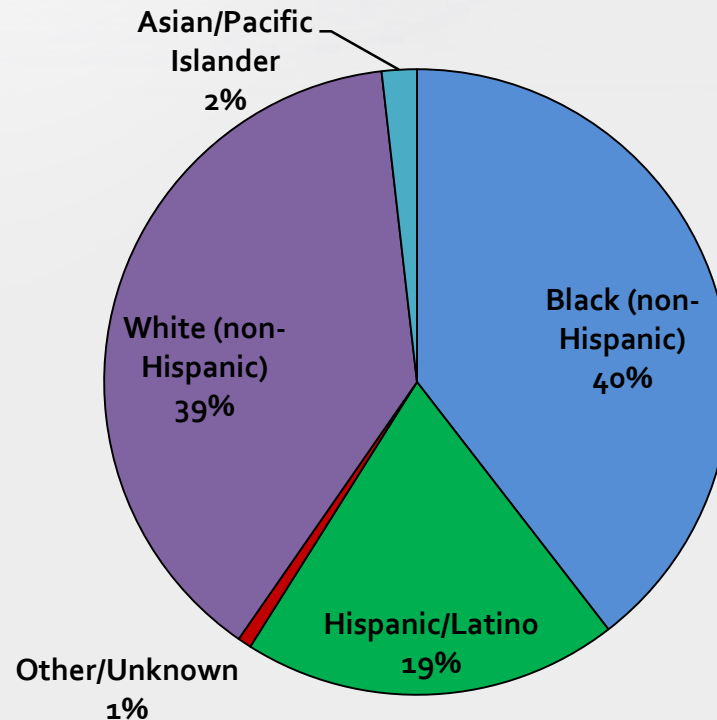
Data as of 1/1/2017

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Boston - PLWH in 2015: Race/Ethnicity

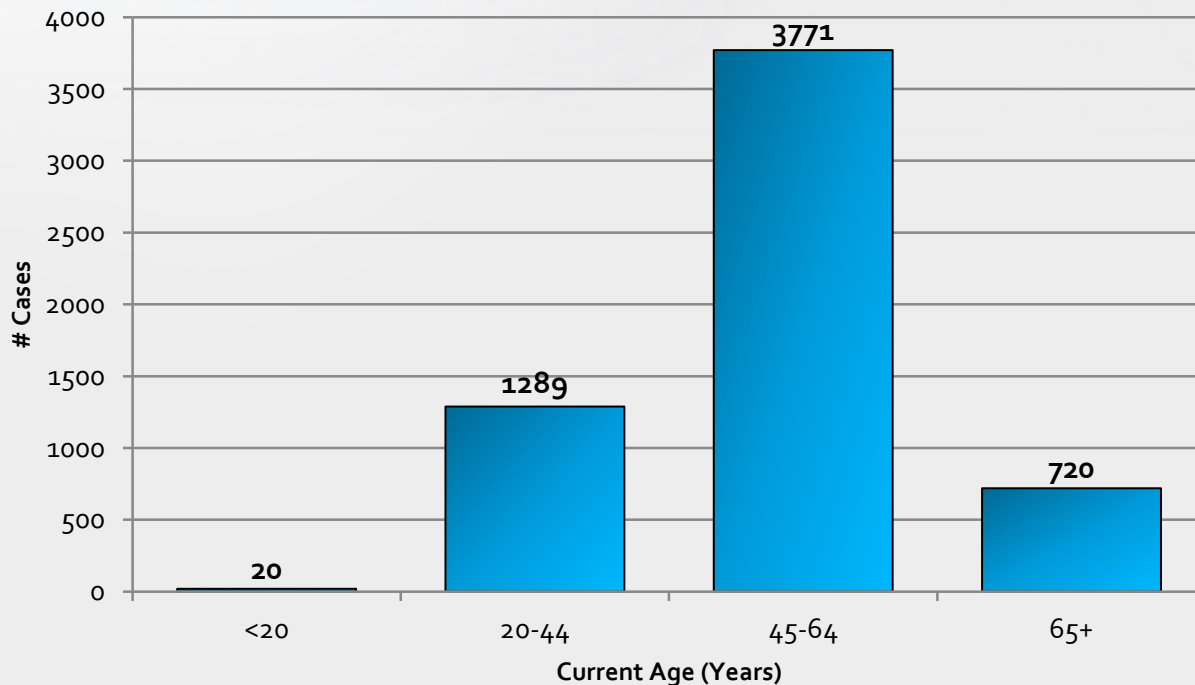
- Black (non-Hispanic) and Hispanic/Latino residents account for 24% and 17% of the Boston population respectively, but accounted for 40% and 19% of PLWH in 2015



Data exclude individuals diagnosed while incarcerated
Sources: MDPH, 2010 Census
Data as of 1/1/2017

Boston - PLWH in 2015: Current Age

- PLWH in 2015 are an aging population in Boston with 77% being 45 years old or older



Data exclude individuals diagnosed while incarcerated

Source: MDPH

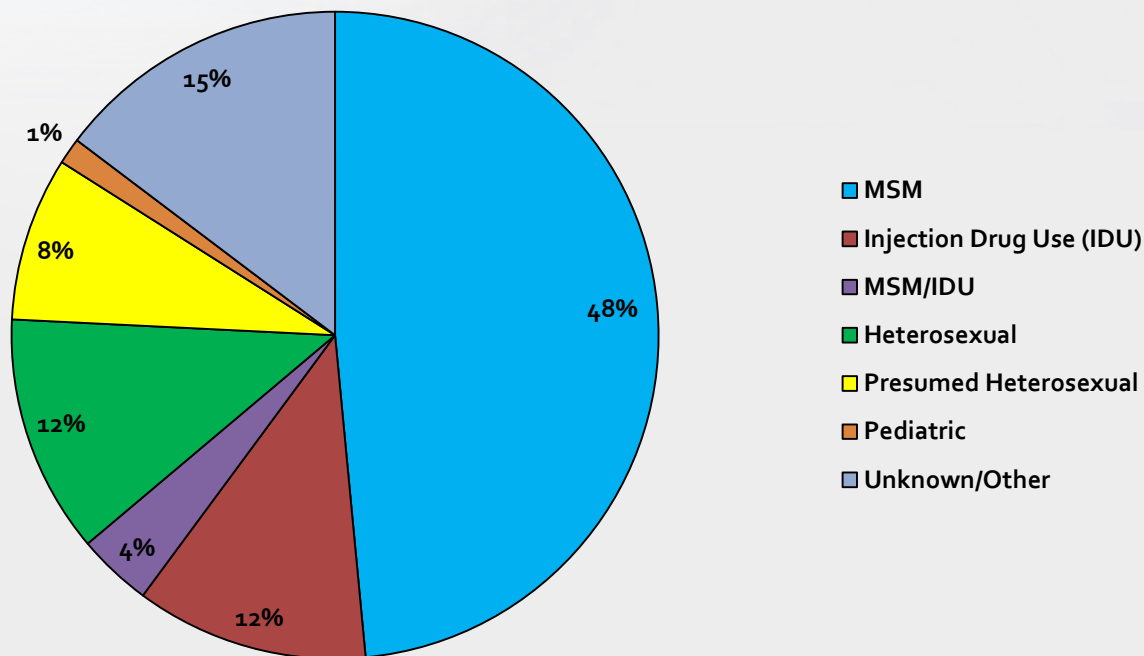
Data as of 1/1/2017

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Boston - PLWH in 2015: Risk Exposure

- Men who have sex with men (MSM) was the largest risk group, accounting for 48% of PLWH in 2015



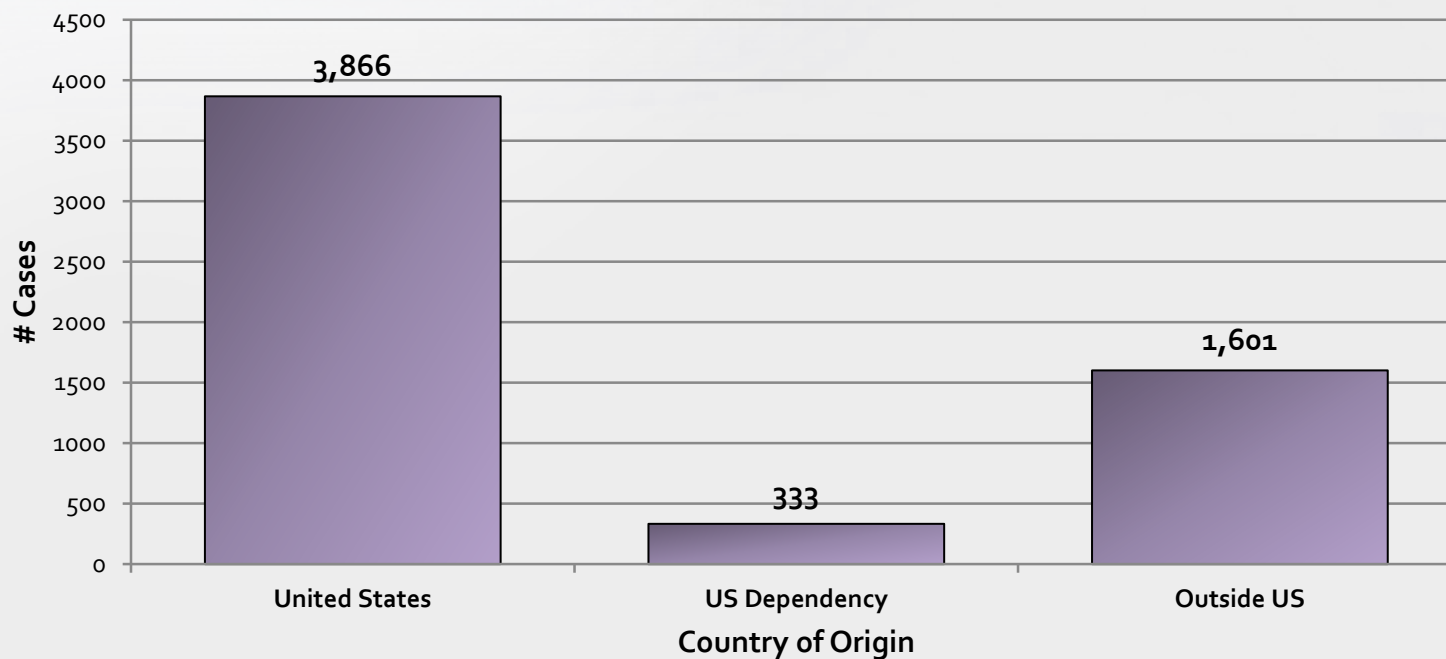
Data exclude individuals diagnosed while incarcerated

Source: MDPH

Data as of 1/1/2017

Boston - PLWH in 2015: – Country of Origin

- 28% of PLWH in Boston in 2015 were born outside the United States



Data exclude individuals diagnosed while incarcerated

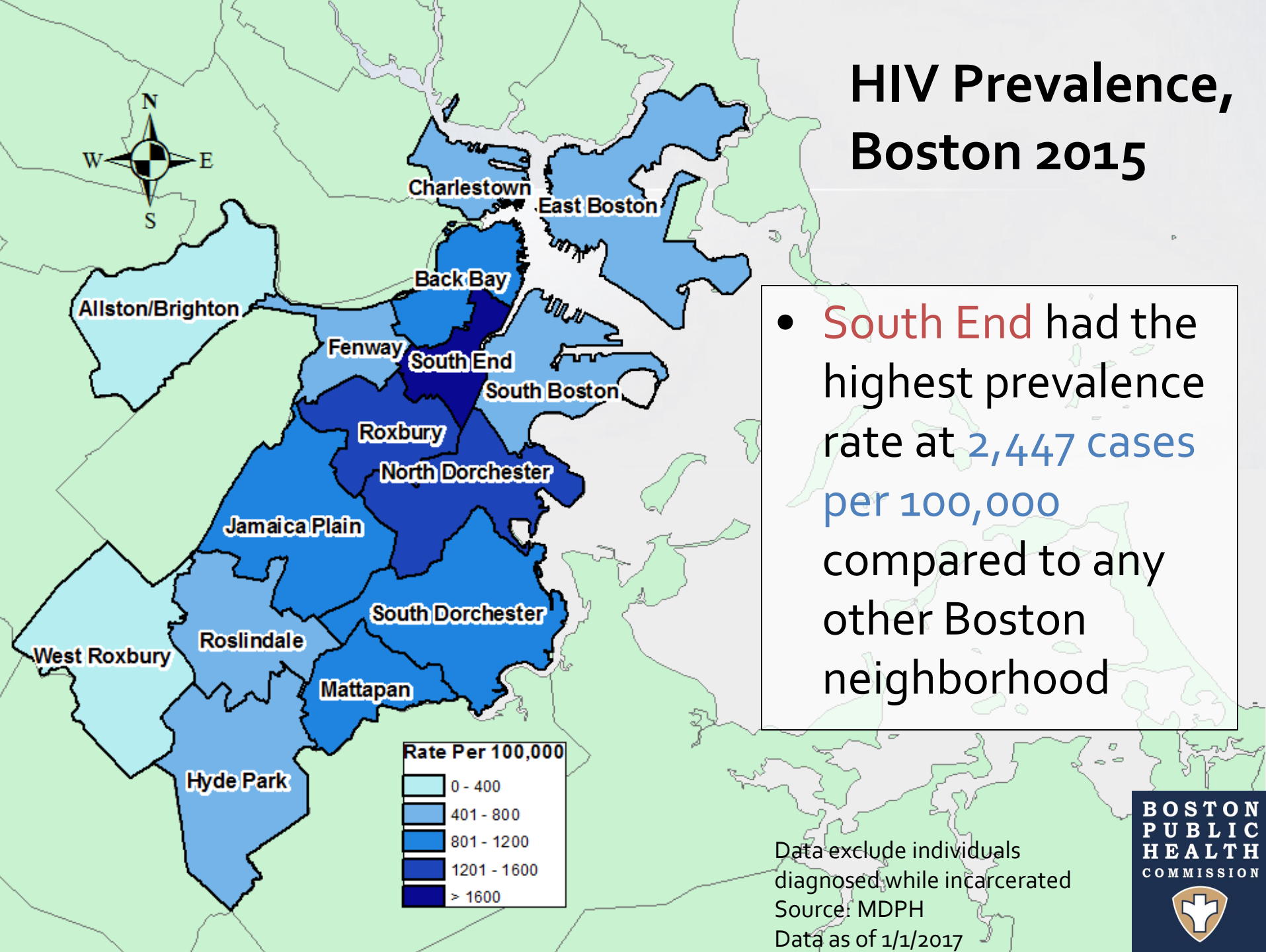
Source: MDPH

Data as of 1/1/2017

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HIV Prevalence, Boston 2015



Data exclude individuals diagnosed while incarcerated
Source: MDPH
Data as of 1/1/2017

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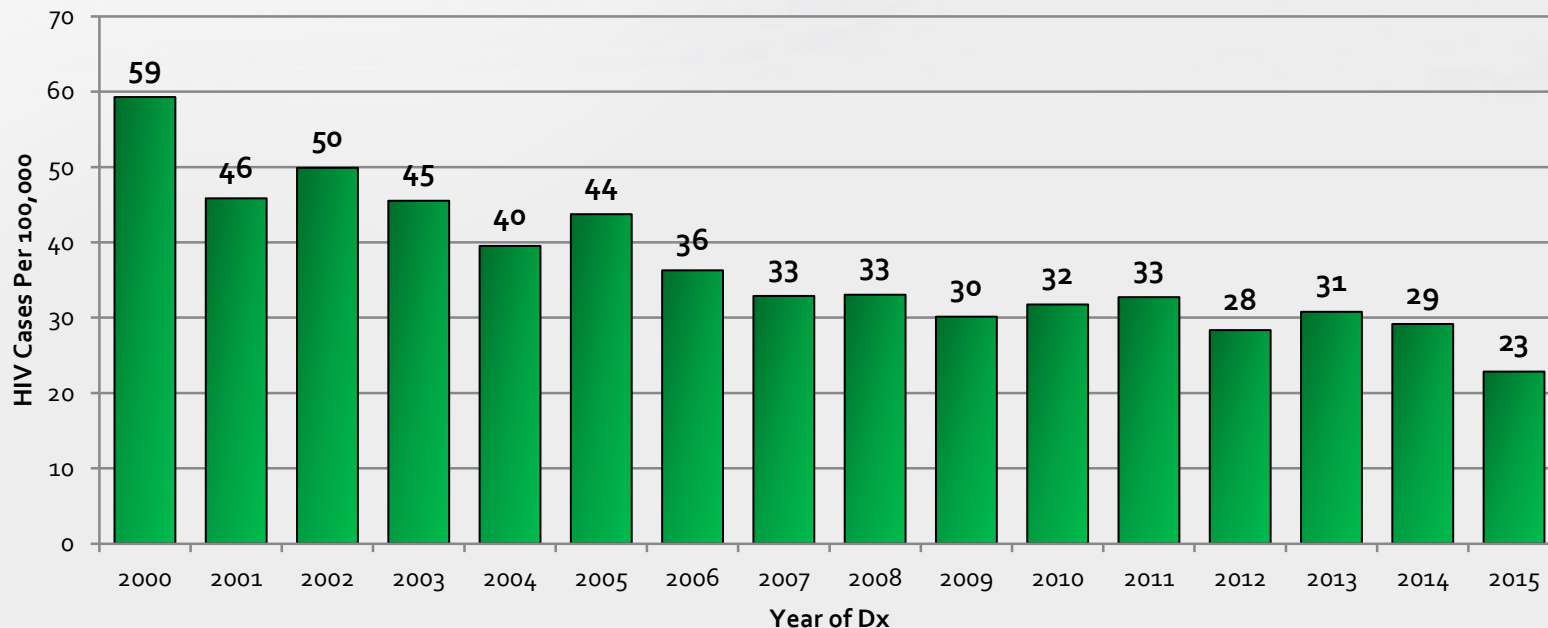


HIV Cases Diagnosed in 2015 Boston



Boston – HIV Incidence Rates by Year

- There were **141** new diagnoses of HIV infection in Boston residents in 2015, down from 180 the year prior
 - **23** cases per 100,000



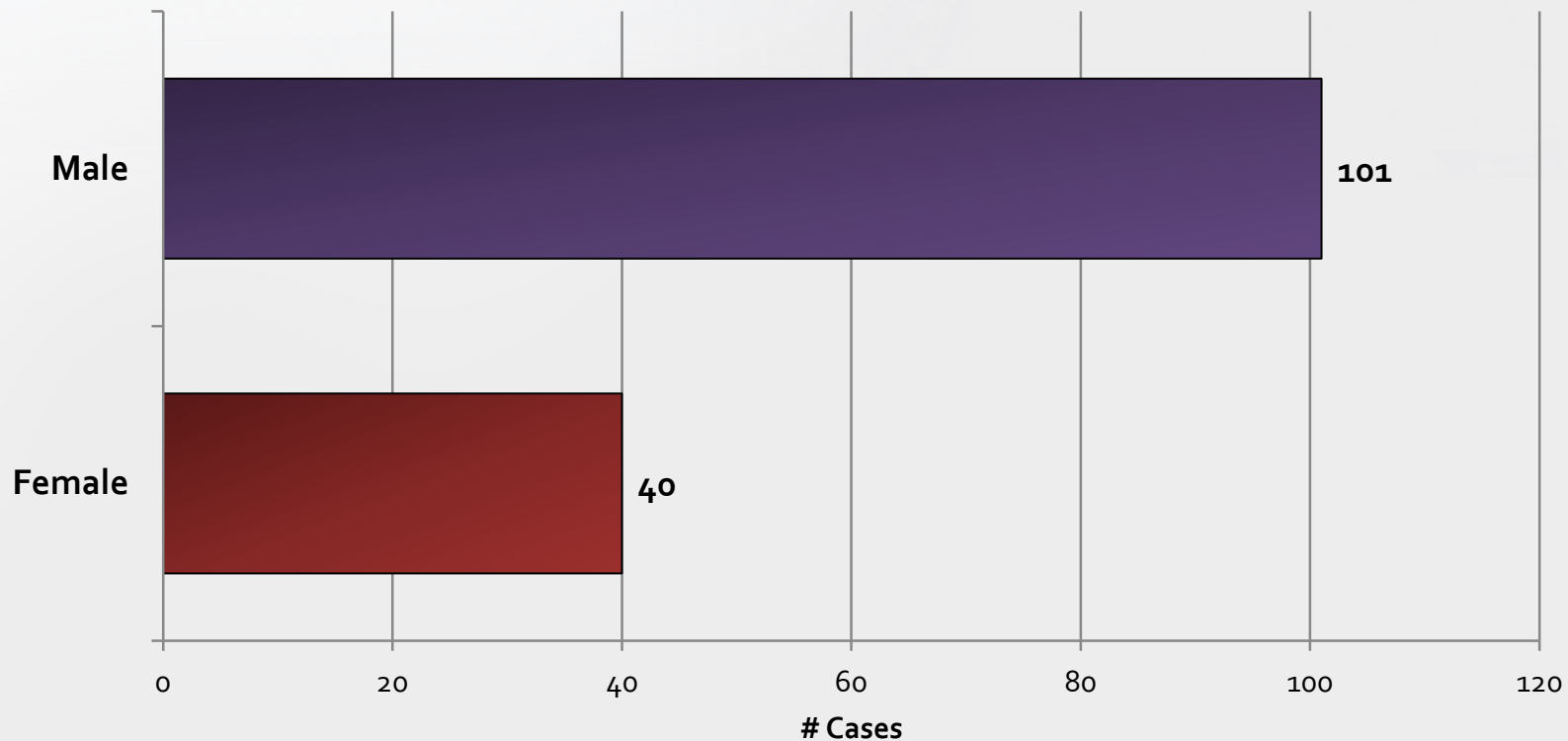
Data exclude individuals diagnosed while incarcerated

Source: MDPH

Data as of 1/1/2017

Boston 2015 Cases: Sex at Birth

- The majority of newly diagnosed HIV cases in 2015 were among men (72%)



Data exclude individuals diagnosed while incarcerated

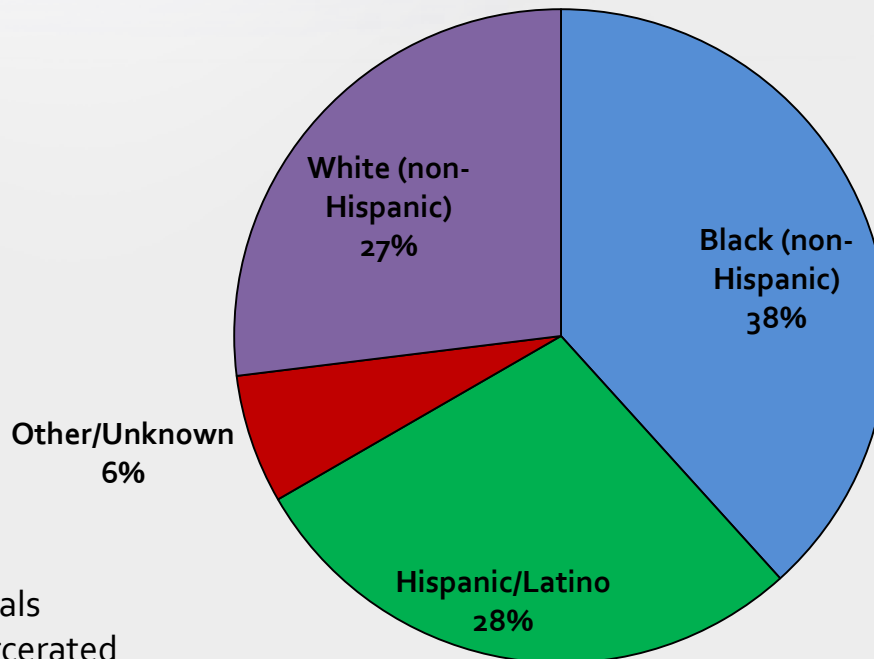
Source: MDPH

Data as of 1/1/2017



Boston 2015 Cases: Race/Ethnicity

- Black (non-Hispanic) and Hispanic/Latino residents account for 24% and 17% of the Boston population respectively, but accounted for 38% and 28% of new HIV cases diagnosed in 2015

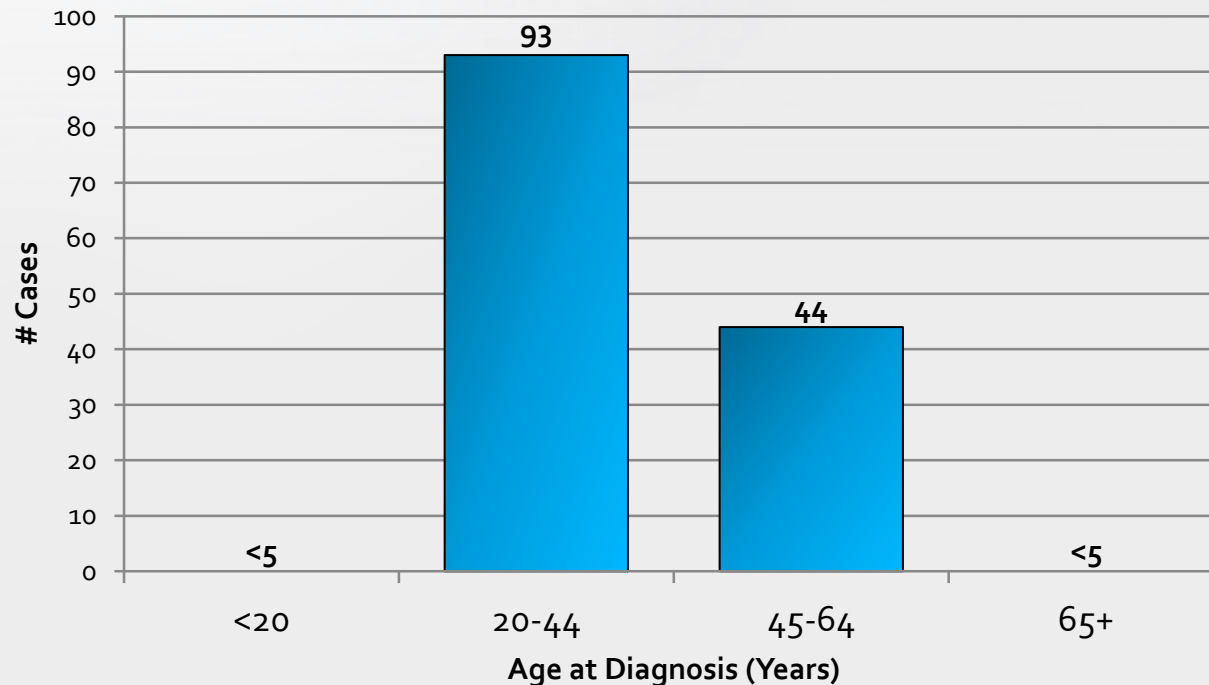


Data exclude individuals diagnosed while incarcerated
Sources: MDPH, 2010 Census
Data as of 1/1/2017



Boston 2015 Cases: Age at Diagnosis

- The majority of new cases (66%) were diagnosed at ages 20-44 years



Data exclude individuals diagnosed while incarcerated

Source: MDPH

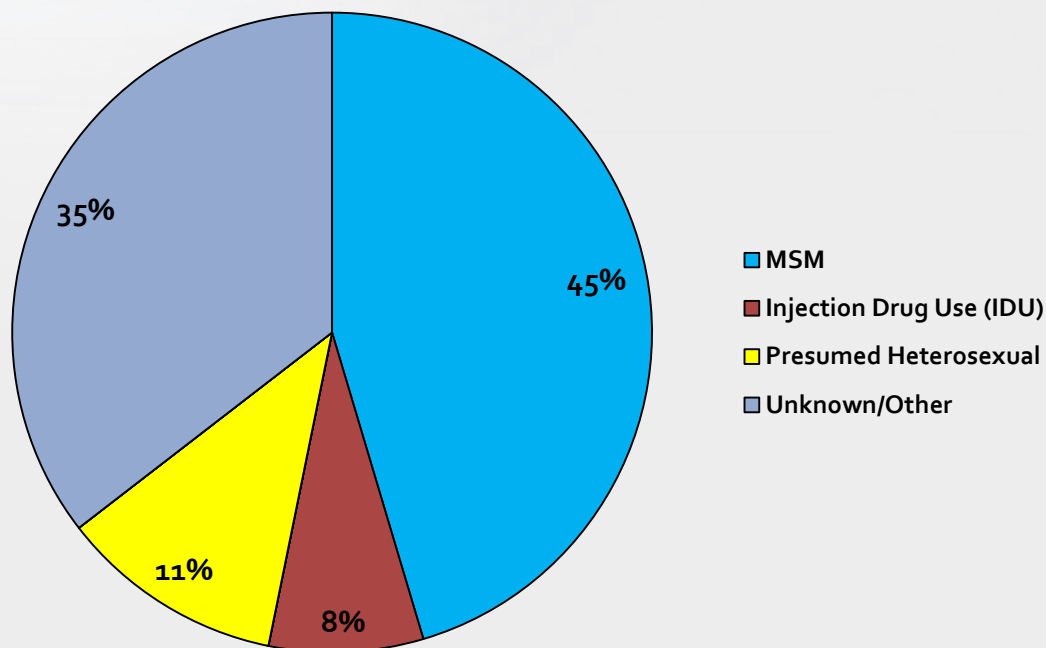
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Boston 2015 Cases: Risk Exposure

- Men who have sex with men (MSM) made up the largest proportion (45%) of new HIV cases in 2015



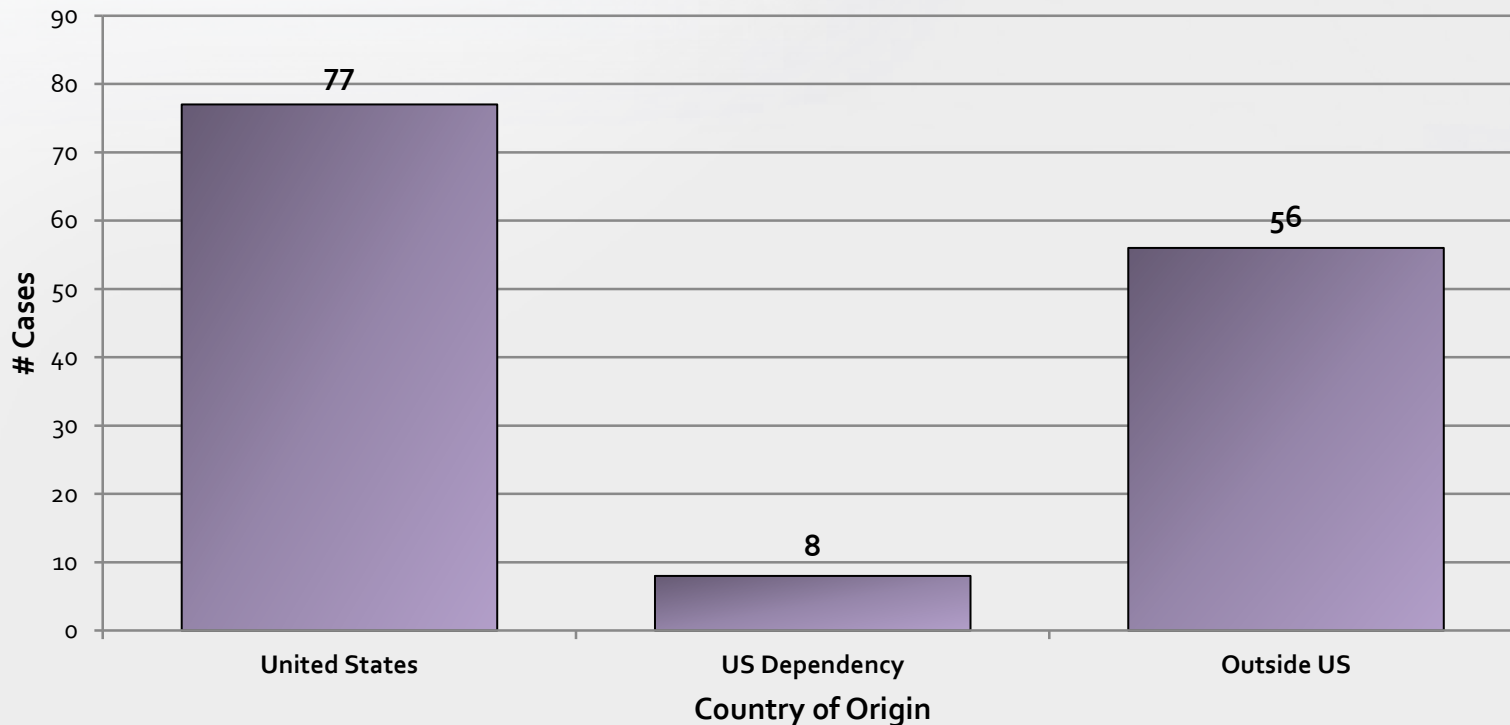
Data exclude individuals diagnosed while incarcerated

Source: MDPH

Data as of 1/1/2017

Boston – Country of Origin, 2015

- 40% of new Boston resident HIV cases diagnosed in 2015 were born outside the United States.

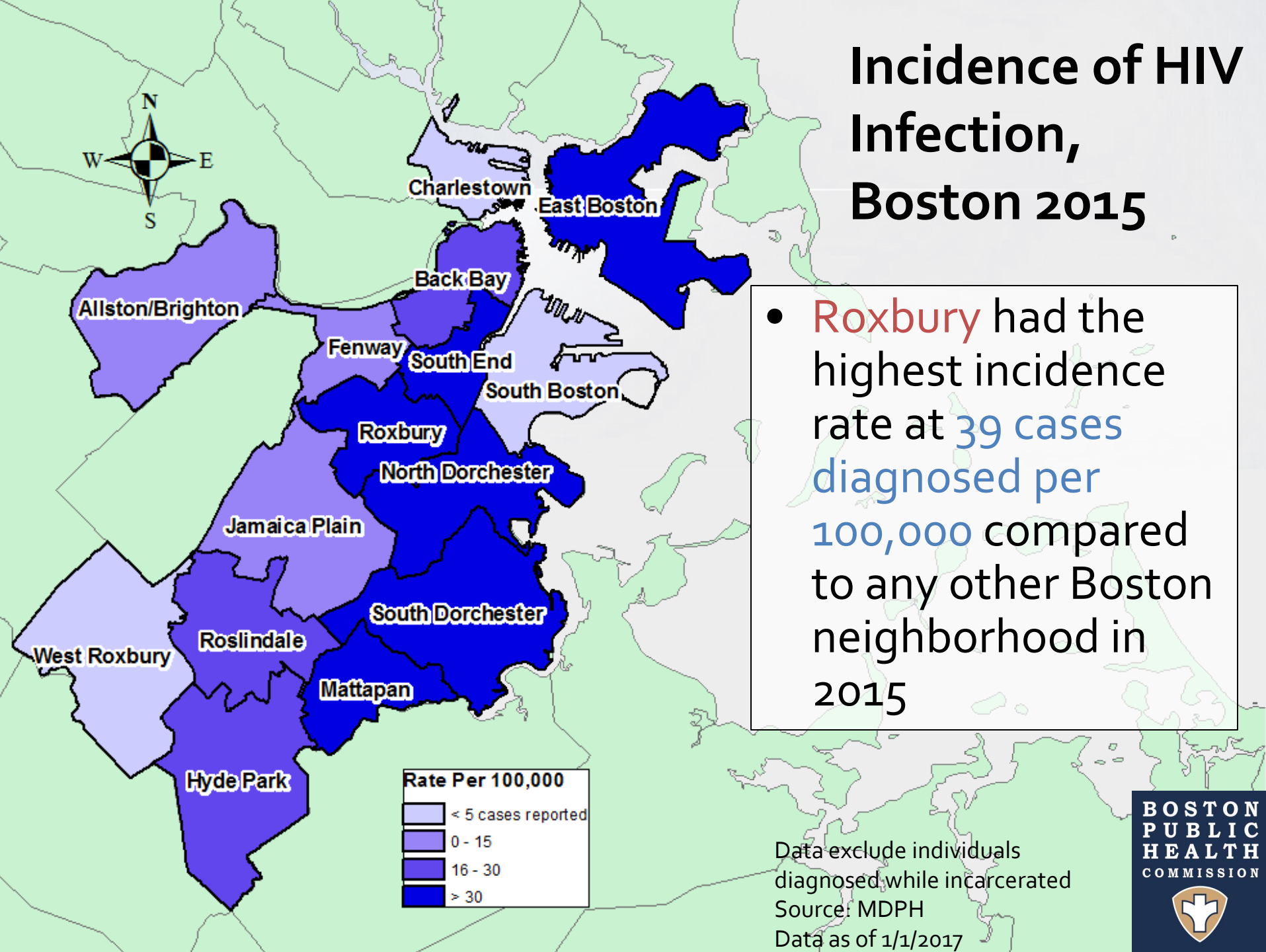


Data exclude individuals diagnosed while incarcerated

Source: MDPH



Incidence of HIV Infection, Boston 2015



- **Roxbury** had the highest incidence rate at **39 cases diagnosed per 100,000** compared to any other Boston neighborhood in 2015

Data exclude individuals diagnosed while incarcerated
Source: MDPH
Data as of 1/1/2017

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