

Hepatitis B in Boston 2014 in Review

Infectious Disease Bureau
Boston Public Health Commission

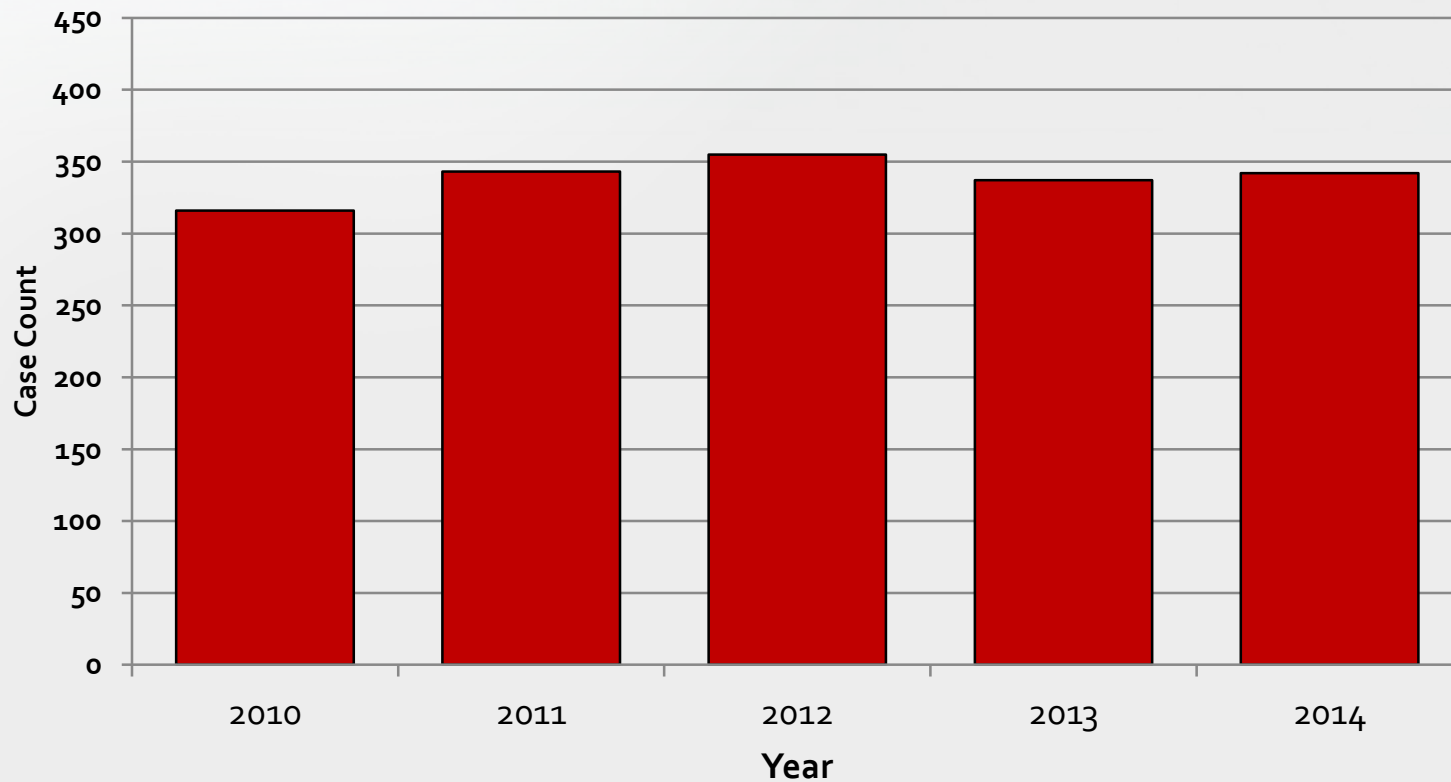


Boston

- There were 342 cases of hepatitis B reported to BPHC in 2014
 - 55 cases per 100,000
 - Most cases were chronic
 - Only 2% of cases were confirmed to be acute, though this is likely an underestimate
 - Case rate reflects rate of reporting, not disease transmission

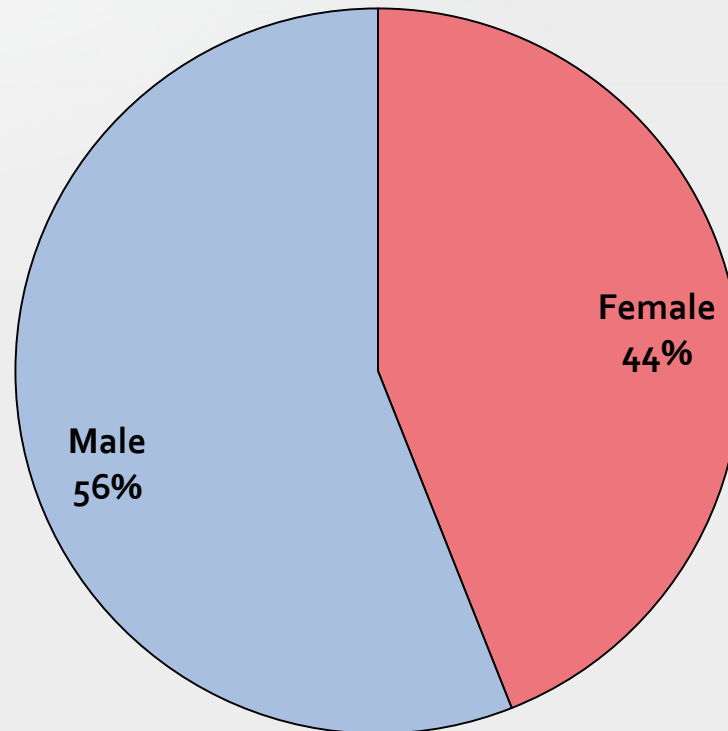
Boston

- Hepatitis B rate remained relatively constant from 2010-2014.



Boston 2014: Gender

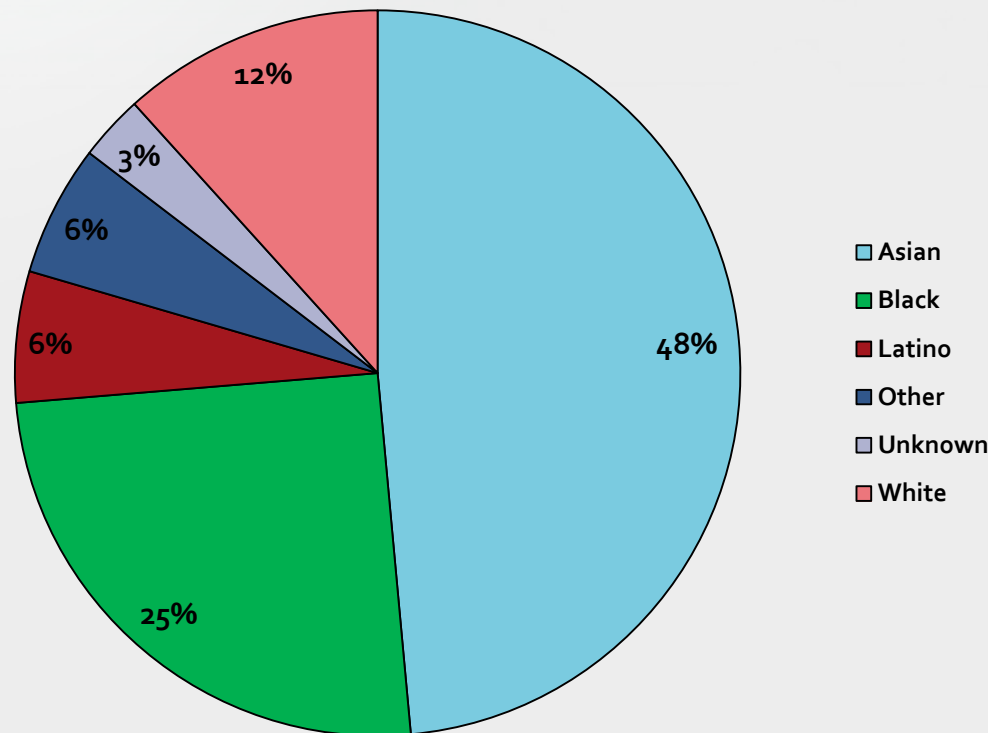
- **Men** made up the majority (56%) of hepatitis B cases reported in 2014



N=342

Boston 2014: Race/Ethnicity

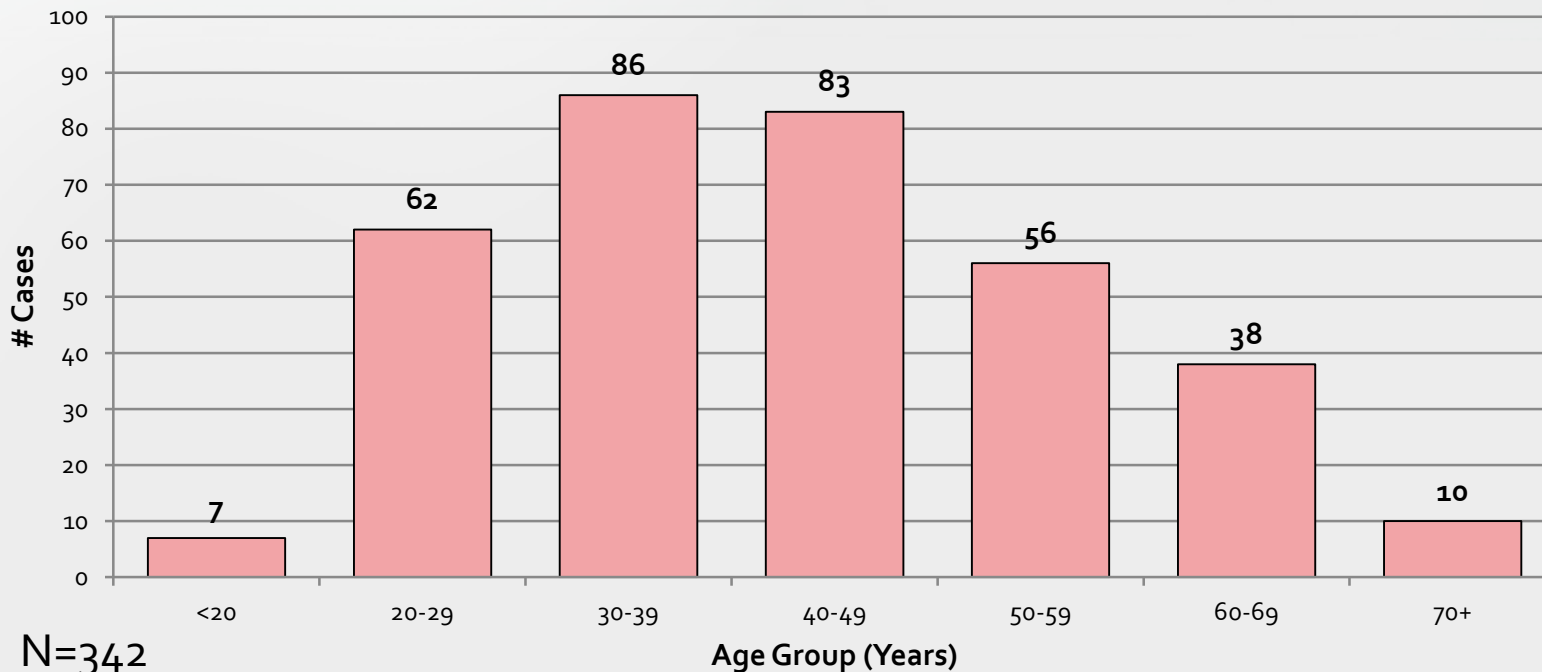
- **Asian residents** accounted for the largest proportion of 2014 cases at **48%**, while **Black residents** accounted for the second largest proportion at **25%**



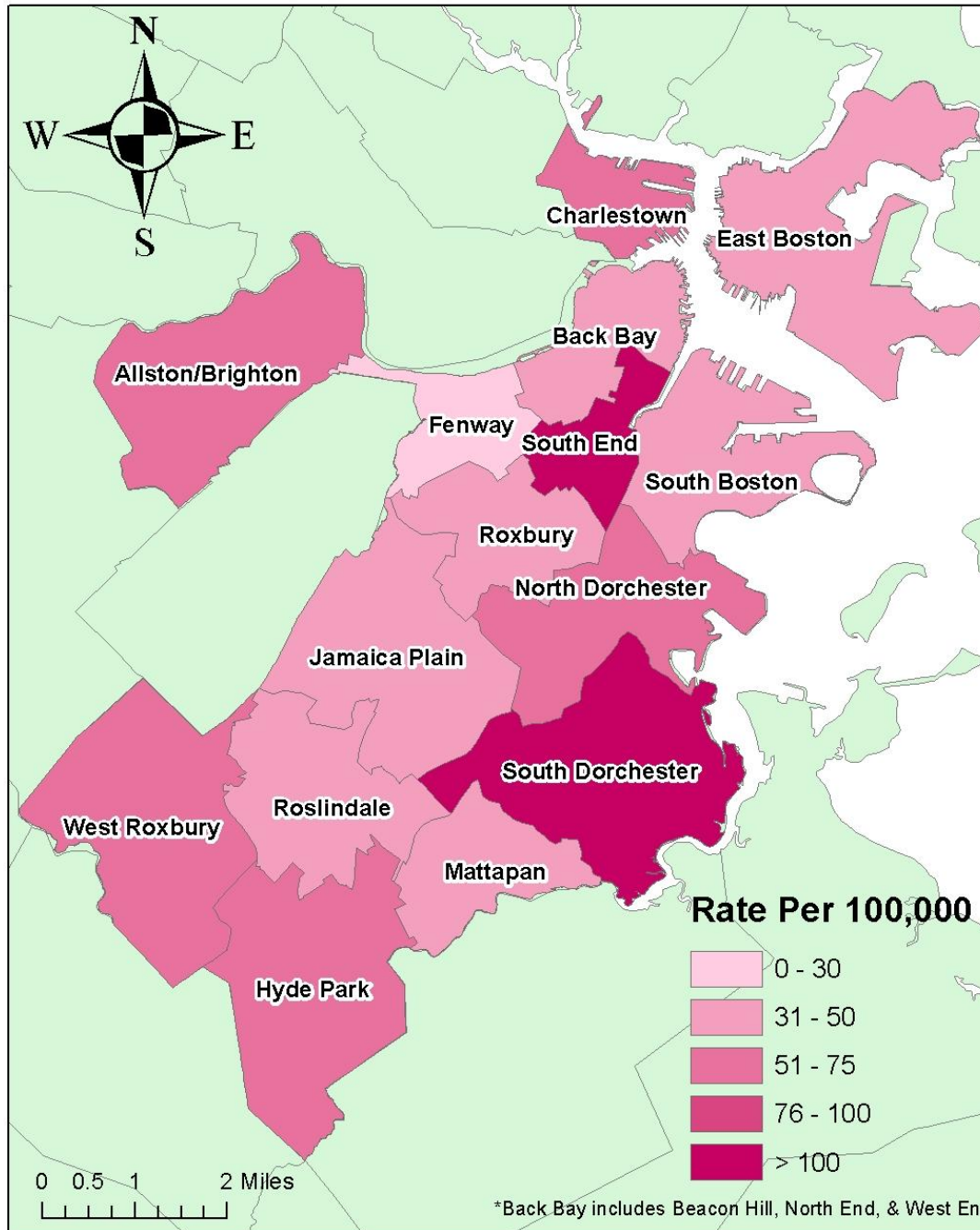
N=342

Boston 2014: Age Group

- Nearly 68% of 2014 Boston cases were ages 20-49 at diagnosis; more cases were diagnosed in residents ages 30-39 compared to any other age group



Hepatitis B Rates by Neighborhood, Boston 2014



Boston 2014: Summary

- Hepatitis B disproportionately affects **Asian residents** in Boston, especially those who were born outside the U.S.
- Case rates reflect **rate of reporting**, and not disease transmission in Boston
- Majority of cases were **men**
- Most cases were ages **20-49** at diagnosis
- Majority of cases were born **outside of the U.S.**
- 2014 rates were highest in the **South End** and **South Dorchester**