Hepatitis B in Boston
2014 in Review

Infectious Disease Bureau
Boston Public Health Commission

Picture from: http://www.nabi-hb.com/2015
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
Hepatitis B rate remained relatively constant from 2010-2014.
Men made up the majority (56%) of hepatitis B cases reported in 2014.

Boston 2014: Gender

- Men: 56%
- Female: 44%

N=342
Asian residents accounted for the largest proportion of 2014 cases at 48%, while Black residents accounted for the second largest proportion at 25%.
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.
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