

# Influenza: Planning for the 2010-2011 Season



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# Topics



- Welcome!
- BPHC's Infectious Disease Bureau
- Recent epidemiology of influenza
- Vaccination
- Infection control
- Questions

# Infectious Disease Bureau



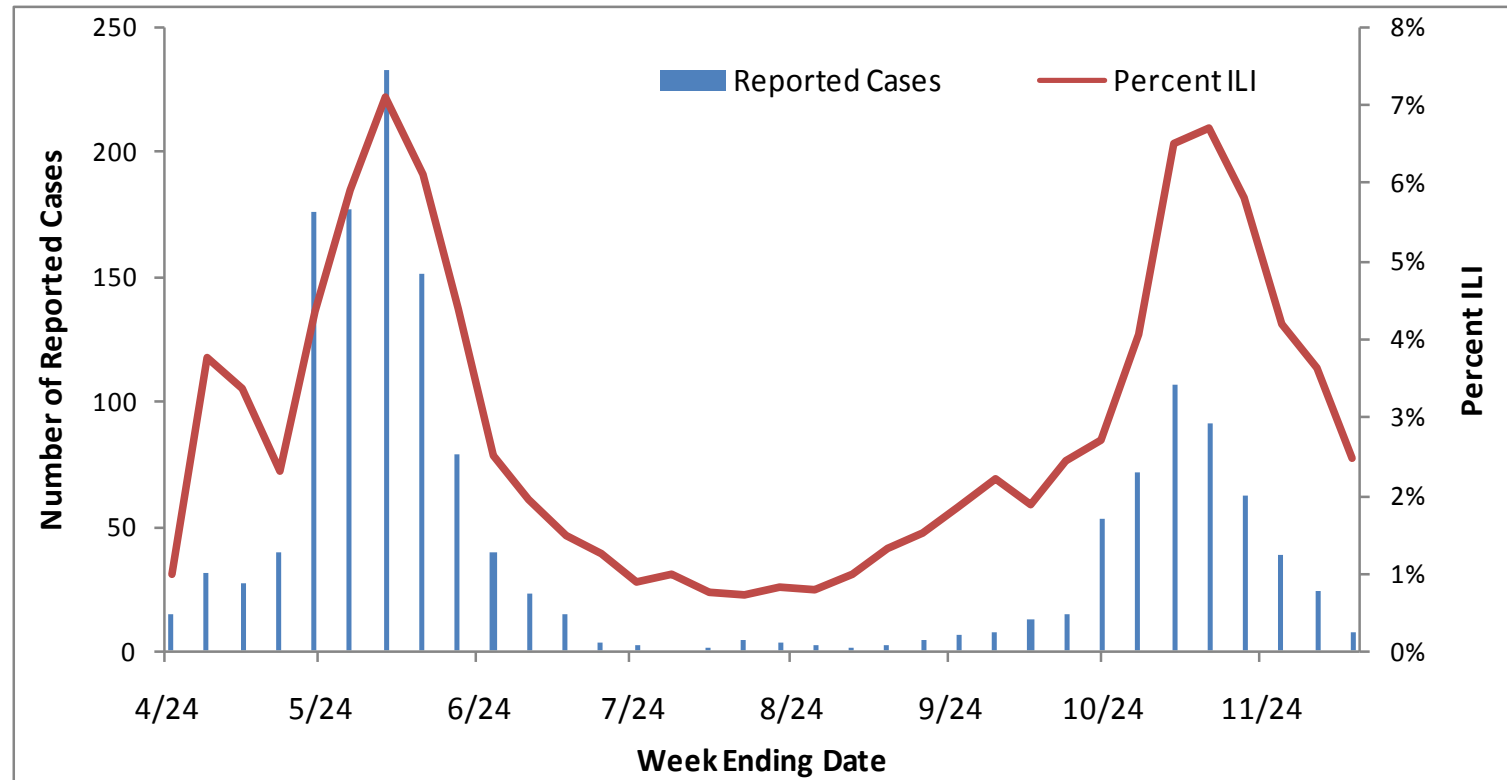
- **CDC Division**
  - Surveillance & control of diseases dangerous to the public health
- **TB Clinic**
  - Diagnostic & therapeutic services for persons with latent TB or TB disease (“active TB”)
- **HIV/AIDS Services Division**
  - Management of Ryan White funding throughout the Boston EMA
- **Education & Outreach Office**
  - Educational materials and funding of community based groups

# Surveillance for Influenza



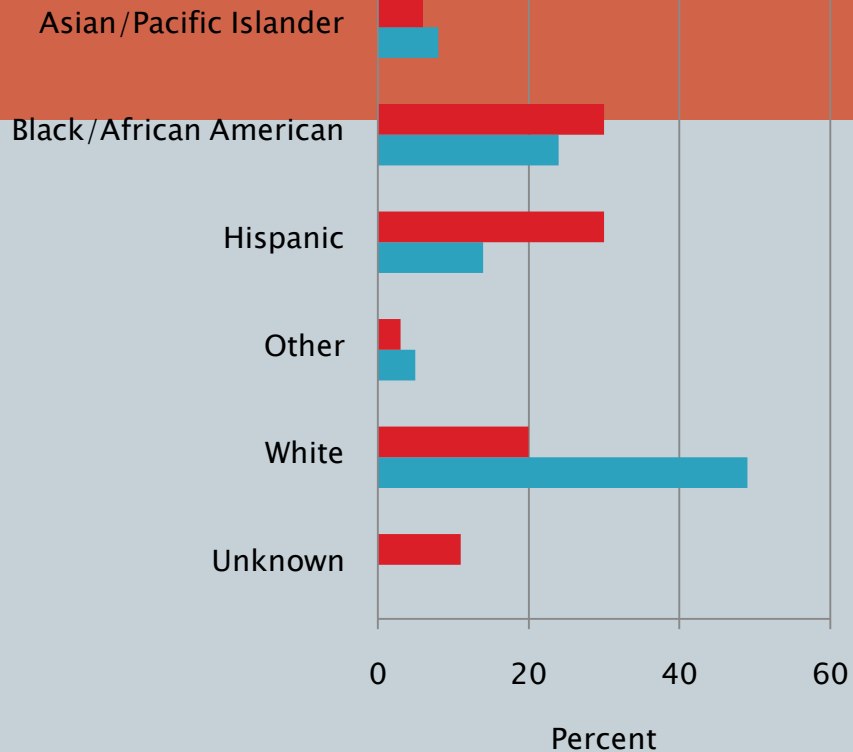
- Reports of lab confirmed influenza cases or outbreaks of influenza like illness (ILI) from healthcare providers and facilities
- Syndromic surveillance
- Death certificates
- School absenteeism

# Reported Influenza\* Cases and Percent Emergency Department ILI Visits: Boston, 2009



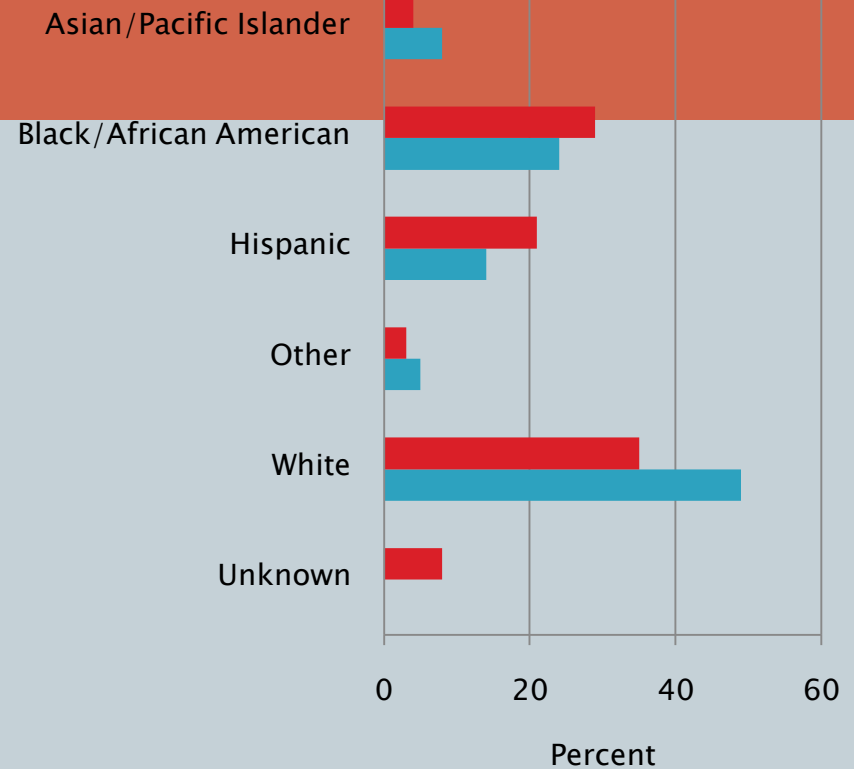
\*Includes confirmed H1N1 and Non-specified Influenza A

# Race/Ethnicity of Reported Influenza\* Cases Compared to the Boston Population by Season, 2009-2010



■ Cases ■ Boston

Spring : 4/16/2009-7/25/2009



■ Cases ■ Boston

Autumn: 8/30/2009-12/12/2009

\*Includes confirmed H1N1 and Non-specified Influenza A

# What's Coming for the 2010-2011 Season?



- Influenza is unpredictable!
- To date, there have been a few outbreaks of H3N2 influenza in the US
  - Strain similar to that in the vaccine
- 2009 continues to be prominent in Australia
- Type B viruses are also being seen

# Infection Control



- Cough etiquette
- Frequent hand washing
- Stay home when you're sick
- In healthcare facilities: droplet precautions recommended
  - N-95 respirators no longer routinely recommended

# Vaccine



- **Contains three influenza strains**
  - A/California/7/07 (H1N1)-like
  - A/Perth/16/2009 (H3N2)-like
  - B/Brisbane/60/2008-like
- **Available as injection or nasal spray**
- **One dose recommended EXCEPT for children <9 years old who will need two doses IF:**
  - Never received two doses of seasonal influenza vaccine
  - Did not receive at least one dose of 2009 H1N1

# Vaccine Candidates



- **Everyone 6 months of age or older**
- Particular outreach for those who are more likely to become seriously ill with influenza and those if they become ill can transmit infection to those at high risk
  - Caregivers of infants
  - Healthcare workers

# Vaccine Delivery Strategy



- Primary care sites
- Public clinics
  - Community health centers
  - Faith based communities
  - BPHC operated
  - Hospital based

# Questions?

