


TEXAS INFLUENZA SURVEILLANCE 2010-2011

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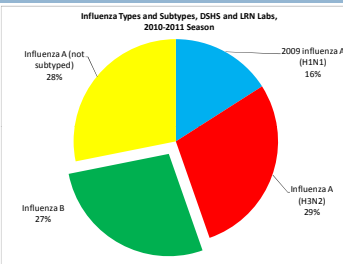
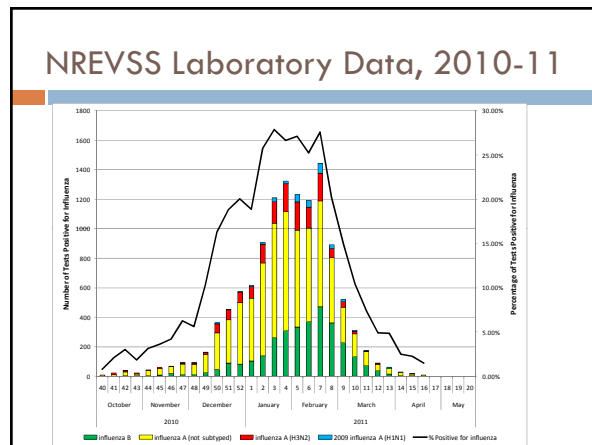
May 2, 2011

Outline

- Laboratory data
- ILINet
- Institutional outbreaks and school closures
- Influenza-associated mortality
- Possible vaccine “failures”

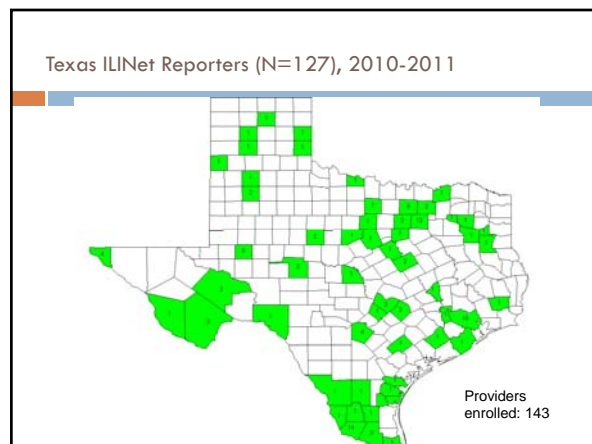
Texas Flu Summary, 2010-2011

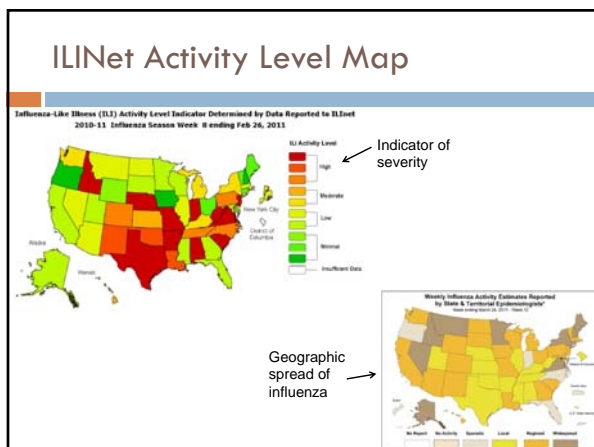
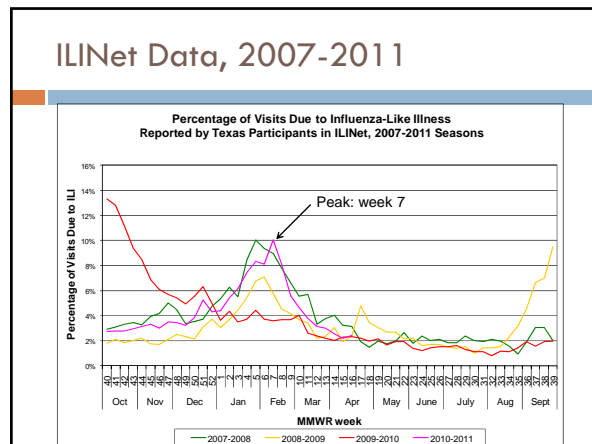
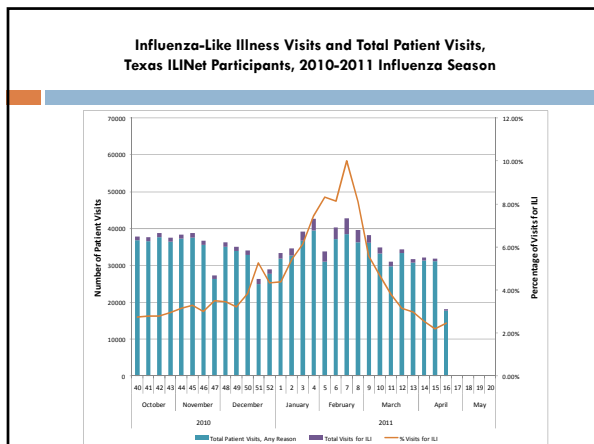
- Predominant influenza type: A
 - Subtype: H3N2
- Seasonal peaks
 - ILINet peak: mid February
 - Laboratory peaks:
 - mid to late January
 - mid February

Additional Testing, 2010-11

- Antigenic characterization
 - 58 Texas influenza viruses resulted by CDC
 - 2009 influenza A (H1N1): 12 (100% match)
 - Influenza A (H3N2): 30 (100% match)
 - Influenza B: 14 (100% match)
- Antiviral resistance testing
 - No reported oseltamivir or zanamivir resistance in Texas isolates





- ### Report Sent to ILINet Providers
- Sent each Monday
 - Includes reporting reminder
 - Includes data by Health Service Region

- ### Institutional Outbreaks
- 11 influenza outbreaks reported
 - Hospital: 1
 - Long-term care: 10
 - January – March 2011
 - Influenza Type
 - Influenza (type not specified): 2
 - Influenza A: 9
 - Influenza B: 0

- ### School Outbreaks and Closures
- Weeks 42, 49, and 5
 - All reported from HSR 4/5N
 - Flu A and B
 - 1 closure, 4 outbreaks

Influenza-Associated Mortality

- Influenza-Associated Pediatric Mortality
 - Laboratory-confirmed influenza death in a person under 18 years of age
 - 12 deaths
 - Age range: 5 months to 17 years
 - 10 Flu A, 2 Flu B
 - Known MRSA or MSSA co-infection: 2
 - Underlying medical condition or co-infection: 9 (75%)
 - Not vaccinated for flu: 5 (63%)
- Influenza-Associated Pregnant/Postpartum Deaths

Possible Vaccine “Failures”

- 100 investigation forms
- Age range: 0-99 years
- 29 vaccine lot numbers, no recalls
- Antigenic characterization: 10 isolates
 - 100% match to circulating strains