

Influenza Incidence Surveillance Project (IISP)

Carol M Davis, MSPH, CPH
Epidemiologist
Texas Department of State Health Services

What is IISP?

- CDC/CSTE project
- Project ongoing in US since 2009-2010 season
 - (since 2011-2012 season in Texas)
- Data reporting:
 - Providers report weekly on total number of patients seen by age group and number of patients with ILI by age group
- Laboratory testing:
 - Specimens collected on the first 10 patients seen with ILI each week by each provider
 - Specimens tested for influenza and other respiratory viruses



About the Project

- The Influenza Incidence Surveillance Project (IISP) monitors the age-specific incidence of medically attended influenza-like illness (ILI) and influenza-associated ILI.
- Texas is one of 12 participating sites nationwide working with CDC and CSTE.
- This surveillance project seeks to determine locality-specific weekly incidence of ILI and lab confirmed influenza and other respiratory viruses among persons seeking medical care for ILI.

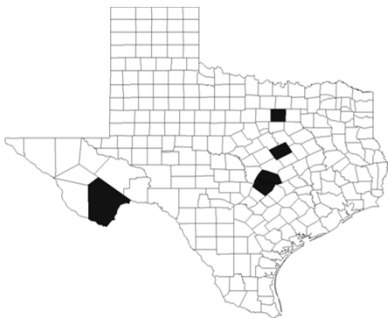
Eligibility to Participate

- 5 – 6 providers / clinics in Texas are eligible to participate
- Providers must
 - Be of moderate size (see 100 -150 patients a week)
 - Meet ILINet provider type requirements
 - Be willing to report ILI and total patients seen by age group every week
 - Be willing to collect NP specimens on up to 10 patients a week

How are Providers Recruited?

- First year providers were selected based on ILINet performance
- Local health departments were enlisted to assist with provider follow-up and recruitment of new providers as needed
- Second year recruitment is being done by local health departments

Where are Providers Located?



ILINet versus IISP

<ul style="list-style-type: none">• ILINet<ul style="list-style-type: none">• > 10 years• ILI only• No limits on # of participants• Optional specimen collection	<ul style="list-style-type: none">• IISP<ul style="list-style-type: none">• Starting 2nd year• ILI, flu and other RVs• Limited # of participants• Specimens on 1st 10 ILI patients
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ILINet versus IISP continued

<ul style="list-style-type: none">• ILINet<ul style="list-style-type: none">• Reporting via web portal• Report ILI patients by age group• Don't count people with a diagnosis other than ILI/Flu• Fever $\geq 100^{\circ}$	<ul style="list-style-type: none">• IISP<ul style="list-style-type: none">• Reporting via fax / email• Report total patient visits by age group in addition to ILI patients by age group• Count anyone with ILI even if positive for RSV, Strep throat or other illness• Self report of fever ok
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IISP ILI Case Definitions

- **Influenza-like Illness (ILI)**
 - Children < 2 years: Onset in the past 4 days of fever and at least one of the following: rhinorrhea, nasal congestion, sore throat, or cough.
 - Patients \geq 2 years old: Onset in the past 4 days of fever with a cough and/or with a sore throat.

*Fever may be self reported by patient or recorded in-office

Project Status

- Reports submitted by all providers 50% of weeks and by all but one provider on and additional 44% of weeks
- Specimens submitted for 54.95% of patients with ILI

Reported ILI and Specimens Collected - All IISP Sites 2011-2012

■ Patients with ILI ■ Specimens Submitted

Lessons Learned

- Recruit clinics not single providers
- Fax or email preferred to web link
- Routine follow up helps with consistency
- Training providers is beneficial
- Good to verify the data

Project Year 2

- Starts at the beginning of August
- Currently confirming which providers are staying
- We are looking for 1 - 2 more sites in new counties

Questions?
