

Provider Recruitment and the New Surveillance System

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Flu Surveillance in Potter and Randall Counties

- Getting the Word Out
- Working with the Data
- Reporting
- Evaluation



Getting the Word Out

- Before Flu Season: Potter and Randall Counties
- Blast Fax
 - ▣ Local Reporting Form
 - ▣ Health Advisory for Flu Season
 - ▣ Press Release for Flu Activity
- List of Providers

Blast Fax: Local Form, Health Advisory, Press Release

Amarillo Bi-City County Health District Influenza 2015-2016
RAPID FLU TEST AND INFLUENZA LIKE ILLNESS REPORT

Facility Name:

Influenza Like Illness (ILI) is defined as a patient with fever over 100° F, cough, and/or sore throat who is **either not tested for flu or is negative** on result.

Please report the information below for patients seen in your clinic **each day** by county of patient. Hospitals also report the number of people admitted to the hospital and deaths for each day by county.

Please fax this report to Carol Hill at 806.378.6306 by noon each Monday.

Date	County where patient resides	Patient Rapid Flu Test Result			Total ILI w/negative flu or no flu test	Hospitalized w/Flu	Deaths from Flu
		Total "A"	Total "B"	Total "Undifferentiated"			

Reporting dates start each Sunday and end each Saturday.

Fax your flu report to Carol Hill at 806.378.6306.

Please fax by noon each Monday.

Public Health Advisory: Influenza Season: 2015-2016

Routine annual influenza vaccination is recommended for all persons aged ≥ 6 months that do not have contraindications. Optimally, vaccination should occur before onset of influenza activity in the community to permit time for production of protective antibody levels. Therefore, vaccination providers should offer vaccination as soon as vaccine is available. Vaccination should be offered until the vaccine expires, usually at the end of June.

Protection of persons at higher risk for influenza-related complications should continue to be a focus of vaccination effort. High risk persons include those persons who are/have:

- 6 months to 5 years of age, but especially those younger than 2 years old (see dosing algorithm below);
- 65 years of age and older;
- Chronic pulmonary (including asthma), cardiovascular (except hypertension), renal, hepatic, neurologic, hematologic, metabolic or endocrine disorders (including diabetes mellitus);
- Immunosuppressed (including immunosuppression caused by medications or by human immunodeficiency virus);
- Pregnant or will be pregnant during the influenza season;
- 6 months through 18 years of age and receiving long-term aspirin therapy and therefore might be at risk for experiencing Reye syndrome after influenza virus infection;
- Residents of nursing homes and other long-term care facilities;
- American Indians/Alaska Natives;
- Morbidly obese (body-mass index is 40 or greater);
- Health-care personnel;
- Household contacts and caregivers of children younger than 6 months on vaccinating contacts of children aged younger than 6 months;
- Household contacts and caregivers of people with medical conditions that increase risk of influenza.

For 2015-16, U.S.-licensed trivalent influenza vaccines will contain influenza A virus, an A/Switzerland/9715293/2013 (H3N2)-like virus, and a B/California/7/2009 (H3N2)-like virus. The 2015-16 influenza A (H3N2) virus and the influenza B virus vaccines will contain these vaccine viruses, and a B/Brisbane/60/2008 (H3N2)-like virus.

Influenza vaccine dosing algorithm for children aged 6 months through 18 years in the United States, 2015-16 influenza season.

For further recommendations regarding the 2015-16 flu vaccine including administration to patients with egg allergy, which formulation is right for your patients, antiviral medications, and testing please visit www.cdc.gov/flu and select the healthcare professionals link.

The Department of Public Health will be carefully monitoring the community for influenza activity. Please fax the attached form to Casey Hill at 806.378.6306 by noon each Monday.

As always, thank you for your help.

Press Release: Influenza Activity

Local, state, and federal public health officials recommend that Influenza immunization should begin as soon as influenza vaccine is available in the community. "Early vaccination is important" said Dr. Roger Smalligan, Health Authority for Potter and Randall counties. "We encourage early vaccination so that we have a protected population to extend for the entire influenza season."

According to the CDC, routine annual influenza vaccination is recommended for all people **6 months of age and older**. Vaccination is especially important for people at higher risk of severe influenza and their close contacts.

The 2015-16 influenza vaccines will be different than the 2014-15 vaccines so all are encouraged to be vaccinated yearly to increase protection. There will be a variety of flu vaccines available this year and the CDC stresses that the important thing is for people to get vaccinated with any one of the vaccines indicated for their age group.

The City of Amarillo Department of Public Health will monitor the community for flu activity, "We receive reports of positive flu tests from doctor's offices, clinics and hospitals," said Casie Stoughton, MPH, BSN, RN, CPH Director, "It is important to get the flu shot each year as protection can decrease from year to year if a booster is not given."

For additional information, call Sonja Gross at 806-378-3549.

Working with the Data

- Streamline the responses
 - ▣ Reports received in various formats
 - Tick marks, numbers, zip codes
 - Hospitals send information using Excel format
 - ▣ Remove personal identifiers and extraneous info.
- Use of Excel to calculate counts
- Extraction of Potter/Randall info.
 - ▣ Goes into a database that graphs Flu A/B and ILI

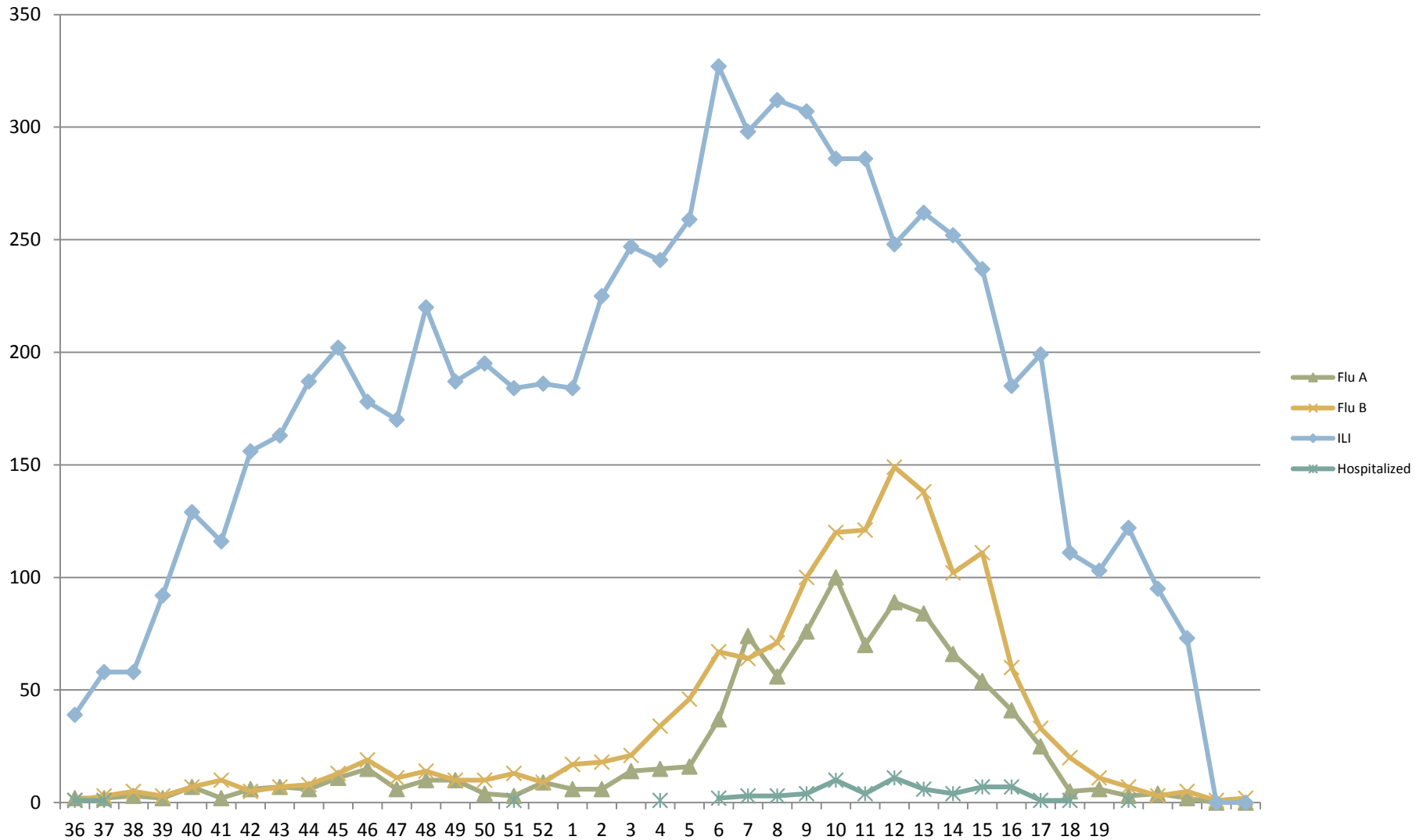
Database for Preliminary Compilation & Cleaning

Amarillo Bi-City County Health District Influenza 2015-2016 RAPID FLU TEST REPORT - TRACKING

Date	Facility	County	MMWR Wk	Year	Month	Patient Flu Test Result			Total Ill	H1N1	Hospitalized w/Flu	Dead w/flu
						Total A	Total B	Total Undifferentiated				

3/26/2016	Hospital 1	Potter	12	2016	3			1		9		
3/26/2016	Clinic 1	Randall	12	2016	3			1				
3/26/2016	Clinic 2	Randall	12	2016	3			1				
3/26/2016	Clinic 3	Potter	12	2016	3			1				
3/26/2016	Medical Ct	Potter	12	2016	3	1		1				
3/26/2016	Hospital 2	Randall	12	2016	3	1		1		6		
3/26/2016	Urgent Car	Randall	12	2016	3					6		
3/28/2016	Hospital 1	Potter	12	2016	3			1				
3/29/2016	Hospital 1	Randall	12	2016	3			1				
3/16/2016	Unknown	Potter	13	2016	4			1				
3/21/2016	Unknown	Potter	13	2016	4			1				
3/25/2016	Unknown	Potter	13	2016	4	1						
3/26/2016	Hospital 1	Moore	13	2016	4			2				
3/26/2016	Hospital 2	Potter	13	2016	4	3		1				
3/26/2016	Hospital 1	Randall	13	2016	4			1				
3/27/2016	Hospital 1	Harris	13	2016	4					1		
3/27/2016	Hospital 2	Lea, NM	13	2016	4					1		

Flu Tracking



Reporting

- Timeline
 - Request providers report via fax by noon each Monday
 - Report of all counties sent to DSHS
- Potter/Randall report
 - To health authority
 - COA Public Health stakeholders
- Reports Stored in Hardcopy

The Regional/State Form

Texas Department of State Health Services
Health Service Region 1
2015-2016 WEEKLY FLU REPORT

Week 25 June 19 thru June 25, 2016

Your Facility's Name: City Of Amarillo Public Health Dept. Date June 28, 2016

1. At your facility, have you had any patients diagnosed with influenza (test confirmed) or influenza-like illness? YES NO
2. At your facility, since the last report you provided, has flu activity¹: Increased Decreased Stayed about the same Not sure
3. If you answered question 1 YES, please complete the table, listing the counties where flu activity is occurring. Enter the NUMBER of cases in the table where applicable.

COUNTY	Test Confirmed Influenza						Influenza Like Illness; Not Laboratory Confirmed	Institutional Outbreak	School Closure
	Flu A Rapid	Flu A Culture/PCR	Flu B Rapid	Flu B Culture/PCR	Non-Differentiated Rapid Flu Test	Non-Differentiated Flu Cult./PCR			

Flu activity is defined as:

- Influenza-like illness activity (ILI): ILI is defined as fever over 100⁰F and cough and/or sore throat. (Can be assessed using a variety of sources including sentinel providers, school/workplace absenteeism, and other syndromic surveillance systems that monitor ILI). And/or,
- Lab confirmed case: Flu case confirmed by rapid test, culture, antigen detection, or PCR. And/or,
- Institutional outbreak: A lab confirmed outbreak in a nursing home, hospital, prison, school, etc.

The Regional/State Form

Health Service Region 1
2015–2016 WEEKLY FLU REPORT

Week 17 April 24 thru April 30, 2016

Your Facility's Name: City Of Amarillo Public Health Dept. Date May 3, 2016

1. At your facility, have you had any patients diagnosed with influenza (test confirmed) or influenza-like illness? YES NO
2. At your facility, since the last report you provided, has flu activity¹: Increased Decreased Stayed about the same Not sure
3. If you answered question 1 YES, please complete the table, listing the counties where flu activity is occurring. Enter the NUMBER of cases in the table where applicable.

COUNTY	Test Confirmed Influenza						Influenza Like Illness; Not Laboratory Confirmed	Institutional Outbreak	School Closure
	Flu A Rapid	Flu A Culture/PCR	Flu B Rapid	Flu B Culture/PCR	Non-Differentiated Rapid Flu Test	Non-Differentiated Flu Cult./PCR			
Potter	5		15				134		
Randall	20		19		1		65		
Armstrong							2		
Briscoe							1		
Carson	1		1						
Deaf Smith			1				4		
Dumas			1						
Gray			1				3		
Hall							1		
Hutchinson							4		
Los Angeles							1		
Murray							1		
Oldham							2		
Texas							1		

Potter/Randall County Report

Weekly Flu Totals 2015-2016								
MMWR Week	Date	Flu A	Flu B	Undetermined	ILI	Total	Hospitalized	H1N1
39	Sept 27- Oct 3	2	3		92	97		
40	Oct 4 - Oct 10	7	7		129	145		
41	Oct 11 - Oct 17	2	10		116	132		
42	Oct 18 - Oct 24	6	5		156	173		
43	Oct 24 - Oct 31	7	7		163	177		
44	Nov 1 - Nov 7	6	8		187	202		
45	Nov 8 -Nov 14	11	13		202	228		
46	Nov 15 - Nov 21	15	19		178	212		
47	Nov 22 - Nov 28	6	11		170	187		
48	Nov 29 - Dec 5	10	14	1	220	245		
49	Dec 6 - Dec 12	10	10		187	207		
50	Dec 13 - Dec 19	4	10		195	207		
51	Dec 20 - Dec 26	3	13	1	184	201	1	
52	Dec 27 - Jan 2	9	9		186	203		
1	Jan 3 - Jan 9	6	17		184	206		
2	Jan 10 - Jan 16	6	18		225	249		

Evaluation

- Things Noticed
 - New Providers
 - Reporting Gaps
- Things Desired
 - Increased Ease of Reporting for Providers
 - Streamlined Reports
 - Increased Ease of Storing Information



Electronic Reporting Project

The New Surveillance System

Electronic?

- Why pursue electronic reporting?
 - Movement of healthcare towards technologically robust methods
 - Ease of retrieval and usage
 - More physical storage space
- Two Options
 - Microsoft OneDrive
 - Google Drive

Microsoft OneDrive and Collaboration Programs

- Microsoft Excel
 - Familiarity
 - Compatibility
- Email Updates
- Control of Sharing Between Providers
- Free for up to 5GB

OneDrive – Setting Up Surveillance

- Things to Consider
 - Protecting Information
 - Patient and Providers
 - Simplicity
 - Same form as before
 - Color and font
 - Access

FILE HOME INSERT DATA REVIEW VIEW Tell me what you want to do EDIT IN EXCEL

Undo Clipboard Font Alignment Number Tables Cells

Clipboard: Paste, Copy, Cut

Font: Mangal, 20, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center

Number: Number Format, \$, %, , , .00, .00

Tables: Survey, Format as Table

Cells: Insert, Delete

fx Clinic 6580 W 568th Ave

A B C D E F G H

1 Amarillo Bi-City County Health District

2 Influenza 2015-2016

3 RAPID FLU TEST AND INFLUENZA LIKE ILLNESS REPORT

4 **Clinic 6580 W 568th Ave**

5 Reporting dates start each Sunday and end each Saturday.

6 Please report the information below for patients seen in your clinic each day by county of patient's

7 *Influenza Like Illness (ILI) is defined as a patient with fever over 100° F, cough, and/or sore throat who is either no*
or is negative on result.

8 Please report all ILI with negative or no flu test.

	Date	County where patient resides	Patient Rapid Flu Test Result			Total ILI w/negative flu or no flu test	Deaths
			Positive "A"	Positive "B"	Total "Undifferentiated"		
9							
10							
11	EXAMPLE 3/21/2016	Potter	2	4		10	
12	EXAMPLE 3/22/2016	Moore	1		1	3	
13							
14							
15							

Electronic Flu Surveillance in Amarillo

- Getting the Word Out
- Process: Working with the Data
- Testing the System
- Goals

Getting the Word Out

- Contacting the Providers
 - Options
 - Fax or Electronic
- Personalized Link

Process: Working with the Data

- Timeline
 - Avoiding duplicates
 - Pulling the Report
- Storage

Testing the System

- We needed to test the process
 - Work out preliminary bugs
 - Wording and Ease of Usage
 - Notification
- Links sent to different “clinics” within our health department
 - No extensive instructions given

Goals and this coming flu season...

- Hopefully we will notice:
 - ▣ Higher consistency
 - ▣ Improvement in timeliness of reporting
 - ▣ More streamlined responses
 - ▣ More providers
- Data for Comparison

THANK YOU!



Any Questions?

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