EPIDEMIOLOGY & SURVEILLANCE

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Influenza Surveillance Report: Collin County
MMWR Week 45 (November 5-12, 2016)

Influenza Report as of December 30, 2016

Overview

Collin County

- Overall influenza-like activity remains low.
- Influenza activity in Collin County increased from 3.2% to 7.3% in week 45.
- 1.9% of patient visits to health care facilities were due to influenza-like illness (ILI).
- 2.5% of absenteeism in Collin County Independent School Districts was due to ILI.
- No pediatric deaths were reported this week.
- No influenza outbreaks were reported this week.

  Influenza reporting in Collin County was low this week; reporting is voluntary

Texas

- Influenza activity in the state is low.
- 2.8% of patient visits to health care facilities were due to ILI, which is below baseline (6.3%).
- No influenza-associated pediatric deaths were reported this week. Total this season: 0

United States

- Influenza activity in the United States is low.
- 1.6% of patient visits to health care facilities were due to ILI, which is below baseline (2.2%).
- No influenza-associated pediatric deaths were reported this week. Total this season: 0

Influenza Activity

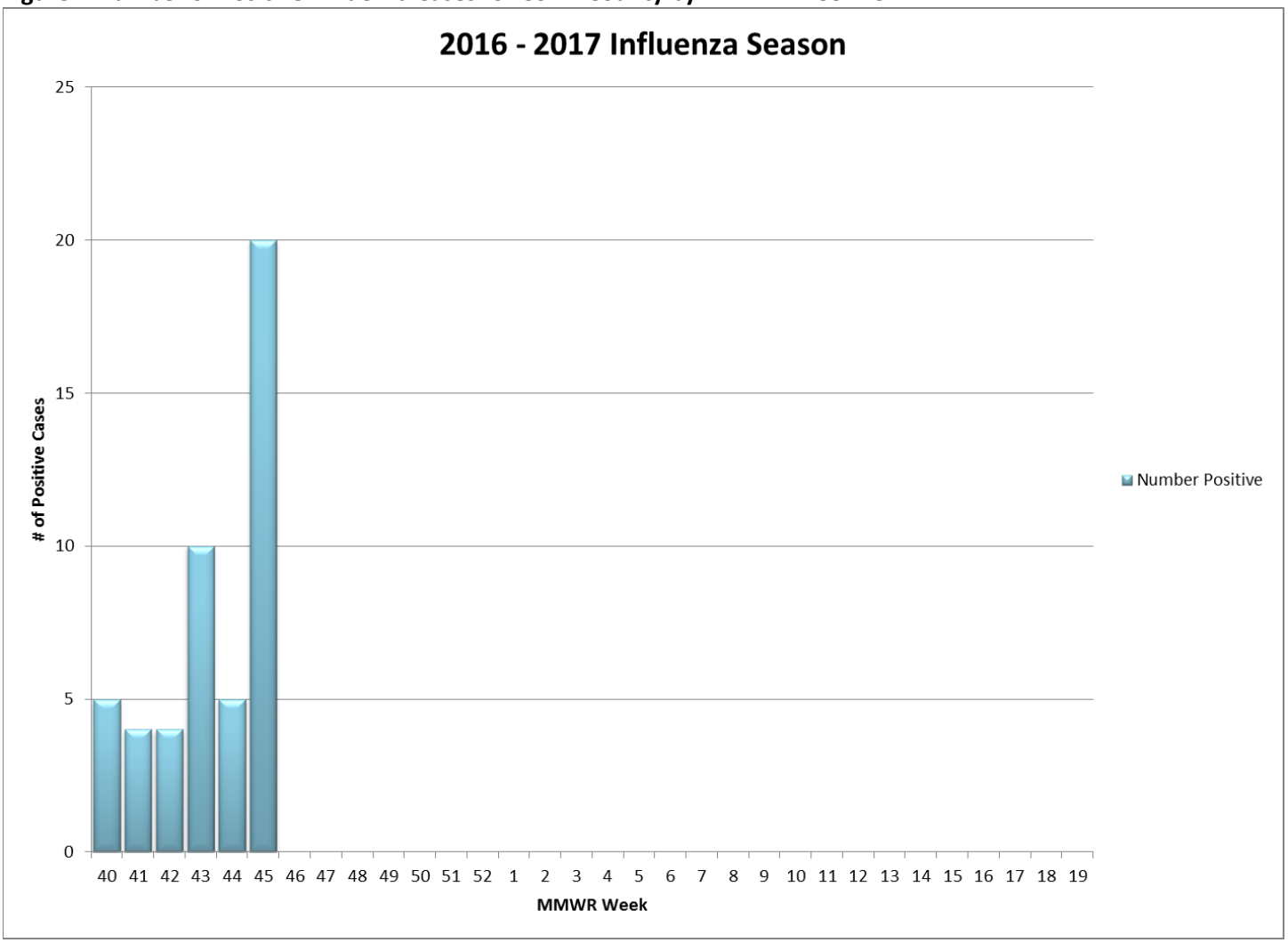
The following tables demonstrate the number of individuals who were tested by their healthcare provider for influenza and the total number of tests that were positive. Reporting influenza testing is voluntary. The numbers displayed below represent the totals reported by participating healthcare facilities. Table I. displays the number of individuals tested for influenza and how many of those were positive for week 45. Table II. Shows the cumulative totals for the prior weeks and breaks down the current week. Figure I. below displays the number of positive influenza cases for the current 2016-2017 flu season by MMWR week.

Table I. Overview of Individuals Tested for Week 45

Influenza Like Illness	Total Individuals Tested	Total Positive	Percent Positive
275	275	20	7.3%

Table II. Influenza Test Results; Number and Percent by Testing Method		
	Season to Date	Current Week
Total Tests Performed	1281	275
Total Positive Tests	48 (3.7%)	20 (7.3%)
Positive Rapid Type A	10 (20.8%)	4 (20.0%)
Positive Rapid Type B	30 (62.5%)	13 (65.0%)
Positive Rapid Type A and B	8 (16.7%)	3 (15.0%)
Positive Rapid Undifferentiated	0 (0.0%)	0 (0.0%)
Positive PCR/Culture Type A	0 (0.0%)	0 (0.0%)
Positive PCR/Culture Type B	0 (0.0%)	0 (0.0%)

Figure I. Number of Positive Influenza Cases for Collin County by MMWR Week 45



Independent School Districts Influenza Activity

Independent School Districts in Collin County that submitted the absenteeism surveillance for week 45 reported an absenteeism rate of 16.3% of which 2.5% was due to influenza-like illness.

Additional Sources

For more information of influenza and influenza surveillance please visit these helpful sites:

Texas Influenza Information: http://www.dshs.state.tx.us/idcu/disease/influenza/
Centers for Disease Control and Prevention: http://www.cdc.gov/flu/
U.S. Department of Health and Human Services: http://www.flu.gov/#

If you have any questions or comments regarding influenza reporting or about this report, please contact:

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Collin County receives influenza activity reports from healthcare providers and schools. Influenza reporting is optional for these facilities. If you are a healthcare provider or school and would like to report influenza activity at your facility please visit our website for reporting forms at http://www.collincountytx.gov/healthcare_services/Pages/influenza.aspx

Information in this report was obtained from:

Centers for Disease Control and Prevention. (30 December, 2016). Weekly U.S. Influenza Surveillance Report Fluview
Retrieved from: http://www.cdc.gov/flu/weekly/

Texas Department of State Health Services. (30 December, 2016). 2015 - 2016 Texas Influenza Surveillance Activity
Retrieved from: http://www.dshs.texas.gov/idcu/disease/influenza/surveillance/2017/