



**WEEKLY INFLUENZA SURVEILLANCE ACTIVITY**  
**DOUGLAS COUNTY, NEBRASKA**  
 INFLUENZA SEASON 2012-2013  
 WEEK ENDING MAY 3, 2013

**This report is posted every Friday afternoon to the DCHD website at:**  
<http://www.douglascountyhealth.com/disease-a-immunization/influenza>

**Influenza A (H7N9) in China – Update:** As of May 1, 2013, the number of human infections with avian influenza A (H7N9) in China has risen to 128, with 26 deaths. No cases of H7N9 have been detected in the United States or anywhere outside of China at this time. An ongoing investigation suggests that most people have been infected with the virus after having contact with infected poultry or contaminated environments. No evidence of sustained human-to-human spread has been found. The Nebraska Department of Health and Human Services has sent this update to health care providers: <http://dhhs.ne.gov/publichealth/Documents/Update042513.pdf>.

**Douglas County:** Influenza activity in Douglas County has declined to low levels. There have been no new laboratory reports of influenza in the last two weeks. Illness indicators, including the percentage of outpatient visits with influenza-like illness (ILI), % of emergency department visits with ILI, and % of hospital admissions with ILI, remained low. The % of children absent from school due to illness also remained low (Table 3). It appears that the peak of the season was middle to late January.

A total of 2,115 laboratory-confirmed cases of influenza have been reported this season (since October 1, 2012); with none reported this week (Table 1, Figure 1). Of the total that have been typed, 1207 (58%) were influenza A and 868 (42%) were influenza B. Of the 123 influenza A reports that have been subtyped, 99 have been influenza A (H3) and 24 influenza A (H1N1). Of the 20 hospitalizations with lab-confirmed influenza that have been reported to DCHD, 45% have been over 60 years of age and 35% under 10 years of age. Flu-related hospitalizations are likely under-reported. Douglas County has received reports of 11 adult deaths due to influenza this season. Influenza-associated adult deaths are not reportable by law, and may be under-reported.

The percentage of all respiratory syncytial virus (RSV) tests that were positive has declined, with 0 of 4 tests reported this week as positive.

TABLE 1. LABORATORY-CONFIRMED INFLUENZA CASES Douglas County, Nebraska			
INFLUENZA TYPE	TIME PERIOD		
	CURRENT WEEK <sup>1</sup>	PREVIOUS WEEK <sup>2</sup>	FLU SEASON <sup>3</sup>
A (Not sub-typed)	0	0	1084
A (H1N1) 2009 - Seasonal	0	0	24
A (H3) - Seasonal	0	0	99
A (H3N2v) - Variant	0	0	0
B	0	0	868
Untyped <sup>4</sup>	0	0	40
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>2115</b>

<sup>1</sup>As of May 3, 2013

<sup>2</sup>As of April 26, 2013

<sup>3</sup>Influenza Season 2012-2013 (October 1, 2012 - September 30, 2013) cumulative total

<sup>4</sup>Not differentiated between A or B

TABLE 2. LABORATORY-CONFIRMED INFLUENZA CASES BY TYPE and BY AGEGROUP  
Douglas County, Nebraska

AGEGROUP	INFLUENZA TYPE REPORTED						TOTAL <sup>1</sup>	
	Influenza A		Influenza B		Untyped <sup>2</sup>			
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
0 - 4	209	17%	201	23%	5	13%	415	20%
5 - 24	398	33%	412	47%	15	38%	825	39%
25 - 64	489	41%	225	26%	17	43%	731	35%
65 & older	111	9%	30	3%	3	8%	144	7%
<b>TOTAL</b>	<b>1207</b>	<b>100%</b>	<b>868</b>	<b>100%</b>	<b>40</b>	<b>100%</b>	<b>2115</b>	<b>100%</b>

<sup>1</sup>Influenza Season 2012-2013 (October 1, 2012 - September 30, 2013) cumulative total

<sup>2</sup>Not differentiated between A or B

TABLE 3. INFLUENZA SURVEILLANCE STATS

SURVEILLANCE DESCRIPTION	MOST RECENT WEEK <sup>2</sup>	PREVIOUS WEEK <sup>3</sup>
% Percent of outpatient visits with influenza-like illness (ILI) <sup>1</sup>	0.1%	0.6%
% Percent of emergency department visits with ILI <sup>1</sup>	4.1%	3.4%
% Percent of hospitalizations with ILI <sup>1</sup>	0.5%	1.2%
# Laboratory-confirmed influenza deaths	0	0
# Laboratory-confirmed influenza pediatric deaths	0	0
% Percent school absenteeism due to illness	1.6%	1.5%
% Percent of RSV tests positive (positives/total tests)	0.0%(0/4)	10.0%(1/10)

<sup>1</sup>ILI: Influenza-like Illness is defined as a fever of  $\geq 100^{\circ}$  F as well as cough and/or sore throat.

<sup>2</sup>As of May 3, 2013

<sup>3</sup>As of April 26, 2013

Links to local graphs, and state and national reports:

[GRAPHS OF CURRENT FLU ACTIVITY SURVEILLANCE \(DOUGLAS COUNTY, NEBRASKA\)](#)

[NEBRASKA WEEKLY SURVEILLANCE ACTIVITY](#)

[U.S. WEEKLY SURVEILLANCE ACTIVITY](#)