



2013-2014 INFLUENZA SURVEILLANCE ACTIVITY SUMMARY
DOUGLAS COUNTY, NEBRASKA
 INFLUENZA SEASON 2013-2014
 MAY 16, 2014

Thank You: The Douglas County Health Department (DCHD) would like to take this opportunity and thank all of our partners who provide us influenza surveillance information throughout the season. Local laboratories, hospitals, schools, and health care professionals have reported influenza activity weekly to DCHD. Our surveillance goals include: identifying when and where influenza activity is occurring; detecting and responding to influenza outbreaks; tracking influenza-related illness throughout the season; determining what influenza viruses are circulating; detecting changes in influenza viruses; and measuring the impact influenza is having on hospitalizations and deaths.

Douglas County, 2013-14 Influenza Season Summary: This season, influenza A (H1N1) pdm09 virus (pH1N1) dominated through this season's peak which occurred during the week of January 19th. A wave of influenza A (H3) occurred in late February which extended the season this year.

A total of 1,313 cases of influenza were reported this season (September 28, 2013 through May 10, 2014). Of the 1,313 reports, 1,222 were influenza A, 77 were influenza B, 13 were not typed and one was clinically diagnosed. Of the 287 influenza A reports that have been sub-typed, 257 have been influenza A (H1N1) pdm09 virus (pH1N1) and 30 have been influenza A (H3).

Nationwide, CDC reported a high percent of hospitalizations due to influenza in people 18 to 64 years of age and received several reports of severe illness in young and middle-age adults, including pregnant women and people who are obese. In Douglas County, eight influenza-associated deaths were reported this season. No pediatric deaths due to influenza were reported. Influenza-associated adult deaths are not reportable by law and may be underreported.

One outbreak of influenza A (H3) occurred in a long-term care facility this season, compared to six outbreaks in long-term care facilities last season.

Figure 1: Number of Positive Influenza Laboratory Reports in Douglas County Residents by Flu Type, 2013-14 Influenza Season

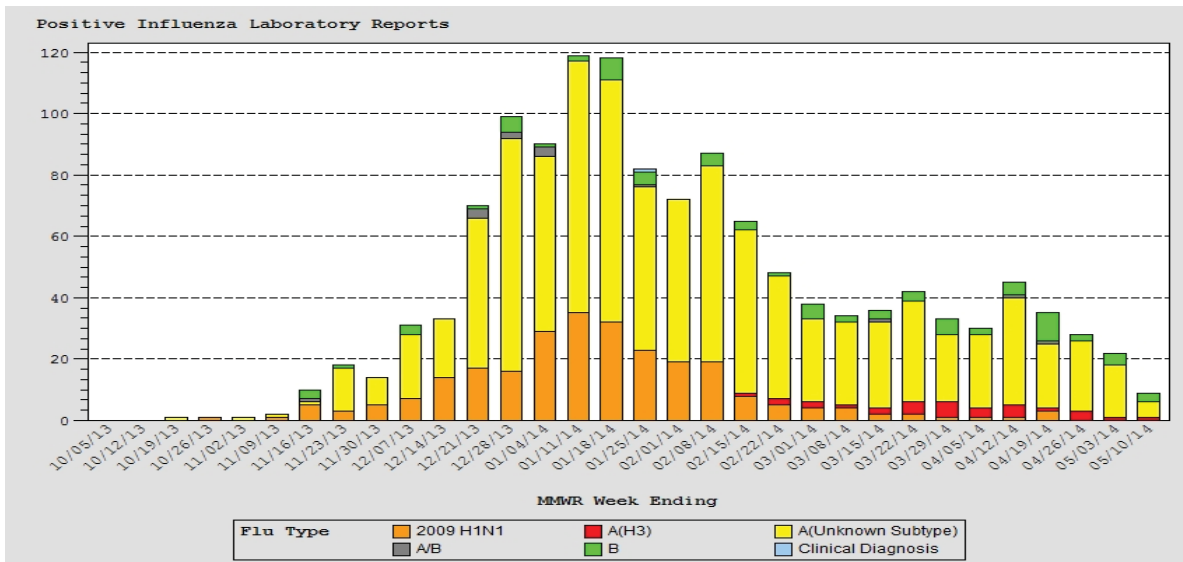


TABLE 1. REPORTED INFLUENZA CASES BY FLU SEASON AND MONTH
Douglas County, Nebraska

MONTH	FLU SEASON											Total (ALL) N
	2013- 2014 N	2012- 2013 N	2011- 2012 N	2010- 2011 N	2009- 2010 N	2008- 2009 N	2007- 2008 N	2006- 2007 N	2005- 2006 N	2004- 2005 N	2003- 2004 N	
October	3	9	0	1	570	1	2	2	0	0	5	593
November	44	19	2	5	171	3	0	1	2	4	278	531
December	291	385	32	7	19	4	2	3	20	17	695	1474
January	423	1167	64	111	2	15	104	33	51	125	51	2151
February	238	449	99	269	5	59	945	359	158	370	5	2908
March	152	74	117	185	6	261	288	117	139	126	1	1314
April	147	12	19	20	4	100	45	12	19	14	5	250
May	15	1	2	1	1	73	1	6	4	0	0	89
June	0	0	1	0	1	56	8	2	1	1	0	70
July	0	0	0	0	0	87	0	1	0	0	0	88
August	0	0	1	0	1	125	0	1	0	0	0	128
September	0	0	0	0	0	312	0	0	0	0	0	312
Total	1313	2116	337	599	780	1096	1395	537	394	657	1040	9908

Links to local graphs, and state and national reports:

Graphs of Current Flu Activity Surveillance (Douglas County, NE)
http://www.douglascountyhealth.com/images/stories/disease/flu/Flu_Week.pdf

Nebraska Weekly Surveillance Activity
http://dhhs.ne.gov/publichealth/Pages/flu_report.aspx

U.S. Weekly Surveillance Activity
<http://www.cdc.gov/flu/weekly/>