



# County of Erie

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## HEALTH ADVISORY #312 ERIE COUNTY INFLUENZA SURVEILLANCE

January 16, 2014

**Please distribute to the Healthcare Providers, Infection Control Department, Emergency Department, Employee Health Service, Infectious Disease Department, Director of Nursing, Medical Director, Laboratory Service, and all patient care areas.**

### SUMMARY

The Erie County Department of Health (ECDOH) collects, compiles, and analyzes information on influenza activity and generates a weekly report during the influenza season (October through the following May). This report contains county, state, and national influenza information. Also included in the report is sentinel provider data from seven Erie County Urgent Care Facilities, comprised of four MASH and three WNY Immediate Care sites. These sentinel providers submit specimens for influenza testing (A/H1, A/H3, A/H3, B, H1N1) and additional respiratory pathogens including RSV, Adenovirus, Human Metapneumovirus, and Parainfluenza types 1-4). ECDOH urges providers to review the [ERIE COUNTY INFLUENZA SURVEILLANCE REPORT FOR WEEK ENDING January 11, 2014](#), to remain current on local influenza and respiratory pathogen activity.

### INFLUENZA WEBSITES

Erie County: <http://www2.erie.gov/health/index.php?q=epidemiology-amp-disease-control>

New York State: <http://www.health.ny.gov/diseases/communicable/influenza/surveillance/>

CDC Influenza: <http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>

### Health Category Definitions:

**Health Alert FLASH:** conveys the highest level of importance due to a large-scale, catastrophic public health emergency; warrants immediate action or attention

**Health Alert Priority:** conveys the highest level of importance; warrants immediate action or attention to a health problem or situation

**Health Advisory:** provides important information for a specific incident or situation; may not require immediate action

**Health Update:** provides updated information regarding an incident or situation; no immediate action necessary

The Erie County Department of Health does not provide medical advice. The information provided on the Erie County Department of Health website is not an attempt to practice medicine and is not intended as a substitute for professional medical advice, diagnosis, or treatment. It is for informational purposes only. Always seek the advice of your personal physician or other qualified health provider with any questions you may have regarding a medical condition or issue. Never disregard professional medical advice or delay in seeking it because of the content found on the Erie County Department of Health website or this correspondence.

The ECDOH Health Alert & Advisory System is an e-mail notification system designed to alert community partners about important health related information. You can sign up to receive alerts & advisories at <http://www2.erie.gov/health/index.php?q=node/59>.



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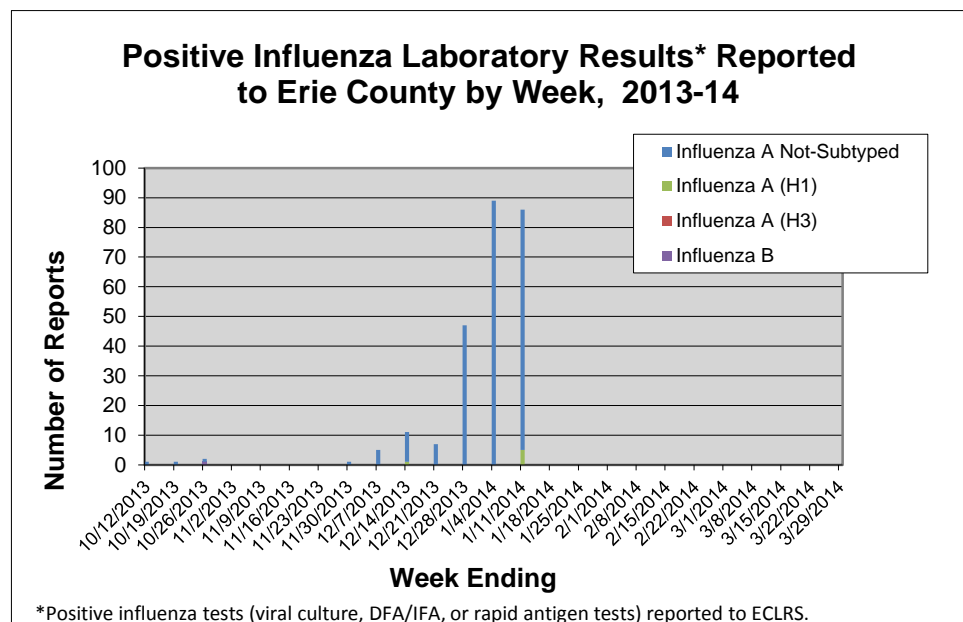
### ERIE COUNTY INFLUENZA SURVEILLANCE REPORT FOR WEEK ENDING January 11, 2014

The Erie County Department of Health (ECDOH) collects, compiles, analyzes information on influenza activity and generates this weekly report during the influenza season (October through the following May).

#### Erie County Surveillance

##### **A. Electronic Clinical Laboratory Reporting System (ECLRS)**

Hospital, commercial, and public health laboratories report positive influenza tests via New York State Department of Health (NYSDOH) ECLRS. The following graph represents all positive Erie County influenza laboratory reports through ECLRS by week.



##### **B. Sentinel Surveillance**

The Erie County Public Health Laboratory (ECPHL) has the capability to test for seasonal influenza A/H1 and A/H3, influenza B, and H1N1. Testing is performed for patients with influenza-like illness at 7 Erie County Urgent Care Facilities, 4 MASH sites and 3 WNY Immediate Care sites. In addition, the ECDOH performs testing for several additional respiratory pathogens for surveillance purposes using these sites. Positive test results are shown below.

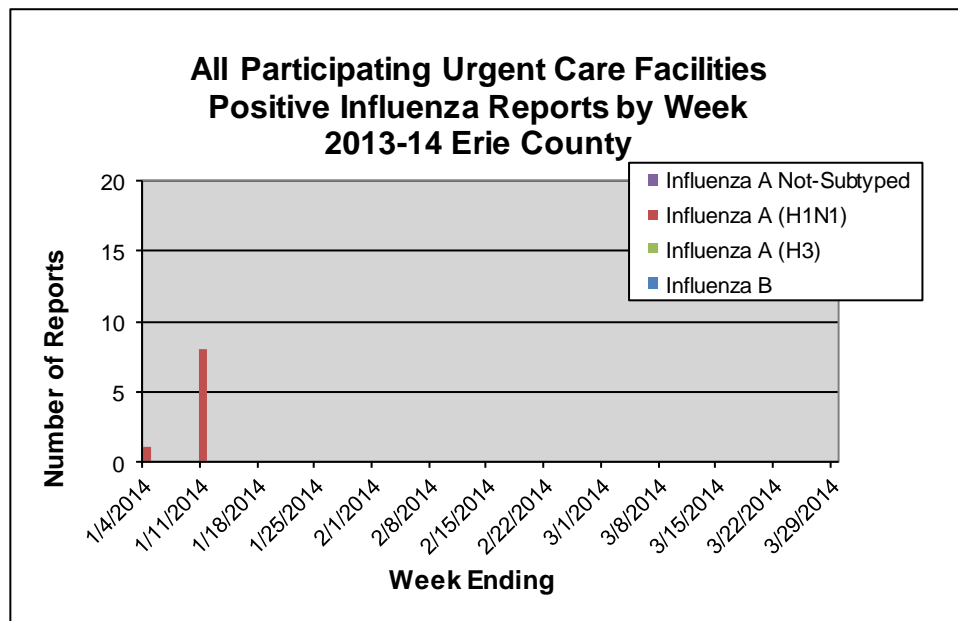
## 1. Influenza

### a. Season to Date

*Season to Date: Results Reported From  
December 29, 2013 to January 11, 2014*

<b>Influenza Surveillance</b>					
Urgent Care Facility Location	# Specimens Tested for Flu	# Positive			
		A/H1	A/H3	H1N1	B
Amherst	0	0	0	0	0
Buffalo	0	0	0	0	0
Clarence/E Amherst	5	0	0	3	0
Lancaster	11	0	0	6	0
Orchard Park	5	0	0	0	0
<b>Total</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>

### b. Weekly Data



## 2. Other Respiratory Pathogens

*Season to Date: Results Reported From*

*December 29, 2013 to January 11, 2014*

<b>Other Respiratory Specimens</b>								
Urgent Care Facilities	# Specimens Tested	RSV	Adeno- virus	Human Meta- pneumovirus	Parainfluenza Virus			
					1	2	3	4
Amherst	0	0	0	0	0	0	0	0
Buffalo								
Clarence/E Amherst	5	0	0	0	0	0	0	0
Lancaster	11	1	0	1	0	0	0	0
Orchard Park	5	0	0	1	0	0	0	0
<b>Total</b>	<b>21</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

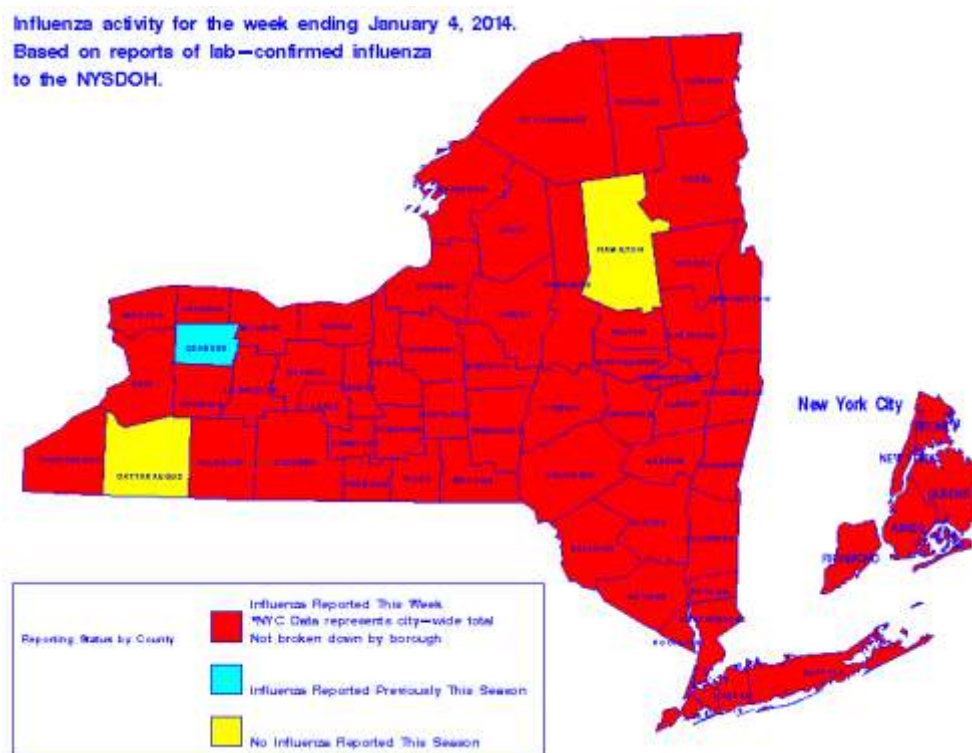
## New York State Surveillance – Week Ending January 4, 2014

Source: <http://www.health.ny.gov/diseases/communicable/influenza/surveillance/>

All laboratories (public, private, hospital, commercial, etc.) that perform influenza testing on residents of NYS report all positive results.

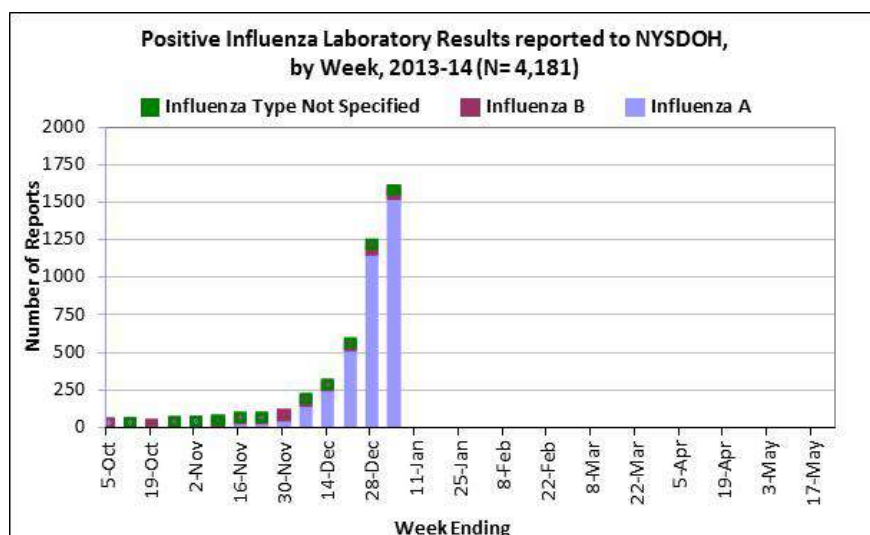
### A. NYS County Summary

Influenza was reported in 54 counties this week and all 5 boroughs of NYC.



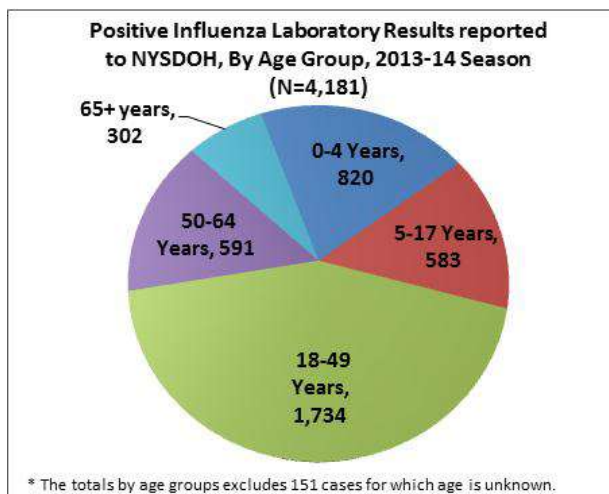
### B. NYS Influenza by Week

There were 1,585 laboratory-confirmed influenza reports this week, a 30% increase over last week.



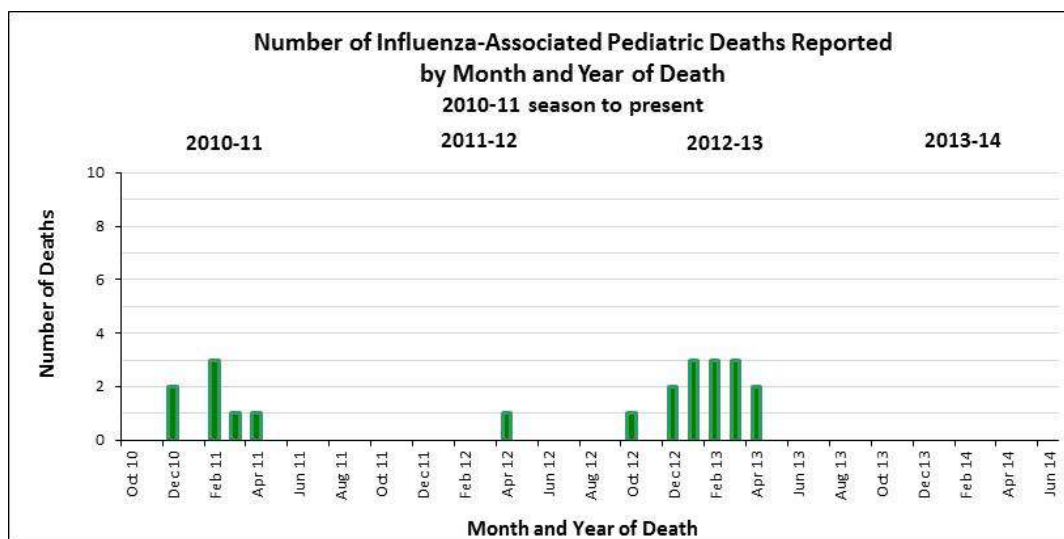
### C. NYS Influenza by Age

The majority of influenza reports are in the age group 18 – 49 years of age.



### D. Pediatric Deaths

Influenza-associated deaths in children younger than 18 years old are nationally notifiable. No pediatric deaths have been reported in NYS to date during this influenza season.

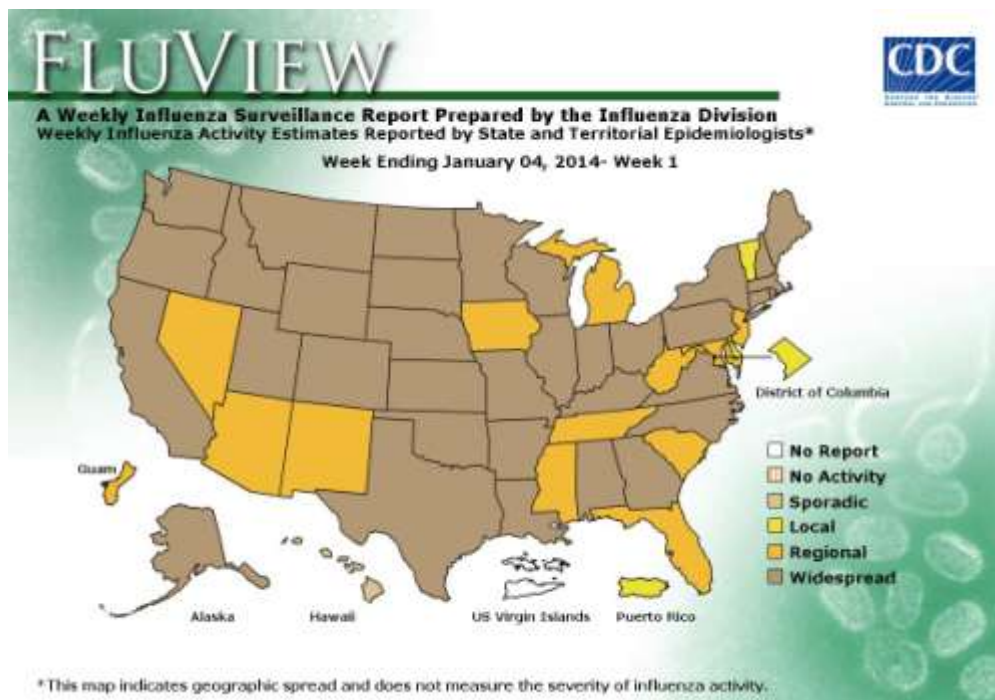


### National Surveillance – Week Ending January 4, 2014

Source: <http://www.cdc.gov/flu/>

#### A. US Influenza by State

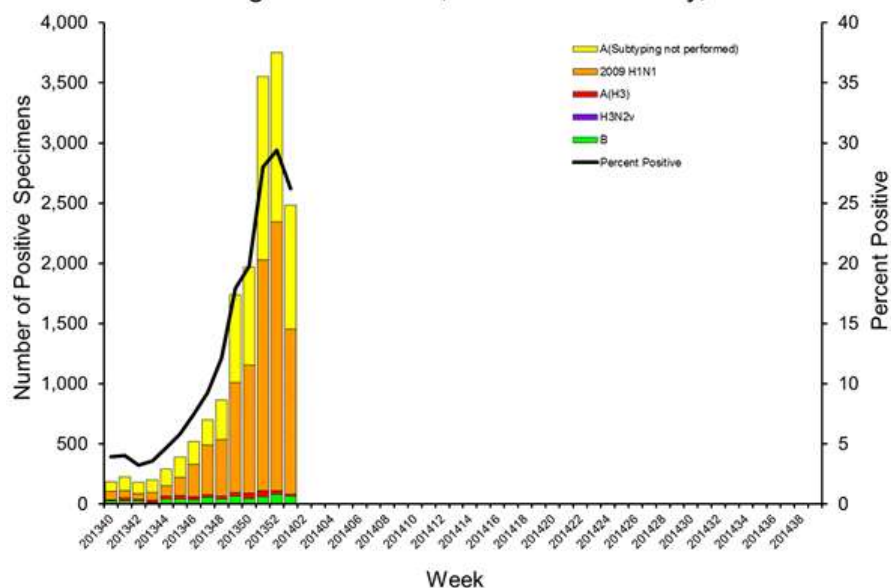
According to this week's FluView report, overall flu activity continues to be high in the United States with activity continuing to spread to other states. Thirty-five states are now experiencing widespread activity and twenty states are reporting high levels of influenza-like illness (ILI). H1N1 viruses continue to predominate across the country.



## B. US Influenza by Week

The World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories located in all 50 states, Puerto Rico, and Washington D.C. report to CDC the number of respiratory specimens tested for influenza and the number positive by influenza virus type and influenza A virus subtype. The results of tests performed during the current week are summarized in the table below.

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS  
Collaborating Laboratories, National Summary, 2013-14



## C. US Influenza Associated Pediatric Deaths

Four influenza-associated pediatric deaths were reported to CDC during the week ending January 4. Three of the deaths were associated with a 2009 H1N1 virus. The other death was associated with an influenza A virus for which subtyping was not performed. A total of ten influenza-associated pediatric deaths have been reported for the 2013-2014 season at this time.



# Number of Influenza-Associated Pediatric Deaths by Week of Death: 2010-11 season to present

