

## Seasonal Influenza and Influenza-like Illness Surveillance

MMWR Week 38  
September 20-26, 2009

### Media Talking Points

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#### Activity Level: **Widespread Activity**

- Definition: Increased ILI in at least half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the state.

**Summary:** Public health surveillance data sources indicate increases in confirmed pandemic (H1N1) influenza-associated hospitalizations in the past three weeks, and the percentage of emergency department visits with patients exhibiting constitutional symptoms has increased for the sixth consecutive week.

#### Surveillance Data:

- Influenza-like Illness (ILI) Sentinel Providers reported 1.09% of patients had ILI signs and symptoms. Influenza-like Illness is defined as a fever ( $\geq 100^{\circ}$  F), **and** cough and/or sore throat. Temperature can be measured in the physician's office or at home.
- Over-the-counter (OTC) sales experienced a statistically significant deviation from the expected in two regions.
- Emergency department visits experienced a statistically significant deviation from the expected in six regions.
- ODH lab has not reported any positive confirmed isolates (through 9/28/09).
- ODH lab has not reported any results for those cases that are PCR positive for seasonal influenza (through 9/28/09).
- Results obtained from pandemic influenza A H1N1 testing conducted at the ODH laboratory are now included in the chart below (total through 9/28/09).
- No pediatric influenza-associated mortality reports have been made in the 2009-2010 season.
- Incidence of confirmed influenza-associated hospitalizations in 2009-2010 season: 89, of which 32 are laboratory confirmed as Pandemic (H1N1) 2009 Influenza (as of 9/29/09).
- Incidence of year-to-date confirmed influenza-associated hospitalizations: 754, of which 103 are laboratory confirmed as Pandemic (H1N1) 2009 Influenza. See Pandemic (H1N1) 2009-related hospitalizations graph (as of 9/29/09).
- Year-to-date confirmed Pandemic (H1N1) 2009 Influenza-related deaths: 3

#### National Surveillance Data:

- During week 37 (September 13-19, 2009), influenza activity increased in the U.S.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. Regions 2 through 10 reported ILI above region-specific baseline levels. Ohio is in Region 5 (IL, IN, MI, MN, OH, WI).
- During week 37, 6.1% of all deaths reported through the 122-Cities Mortality Reporting System were due to pneumonia and influenza (P & I). This percentage was below the epidemic threshold of 6.3% for week 37.

Analysis Considerations:

- Influenza-associated hospitalization became a reportable condition on 1/1/09. Therefore, only cases that were entered after 1/1/09 will be considered for analysis purposes.

National activity levels and more information can be found at the following CDC pages:

- <http://www.cdc.gov/flu/weekly/usmap.htm>
- <http://www.cdc.gov/flu/>

If you have any further questions or comments about surveillance for seasonal influenza for the State of Ohio, please contact Shannon Page at [Shannon.Page@odh.ohio.gov](mailto:Shannon.Page@odh.ohio.gov) or by telephone at (614) 466-0456.



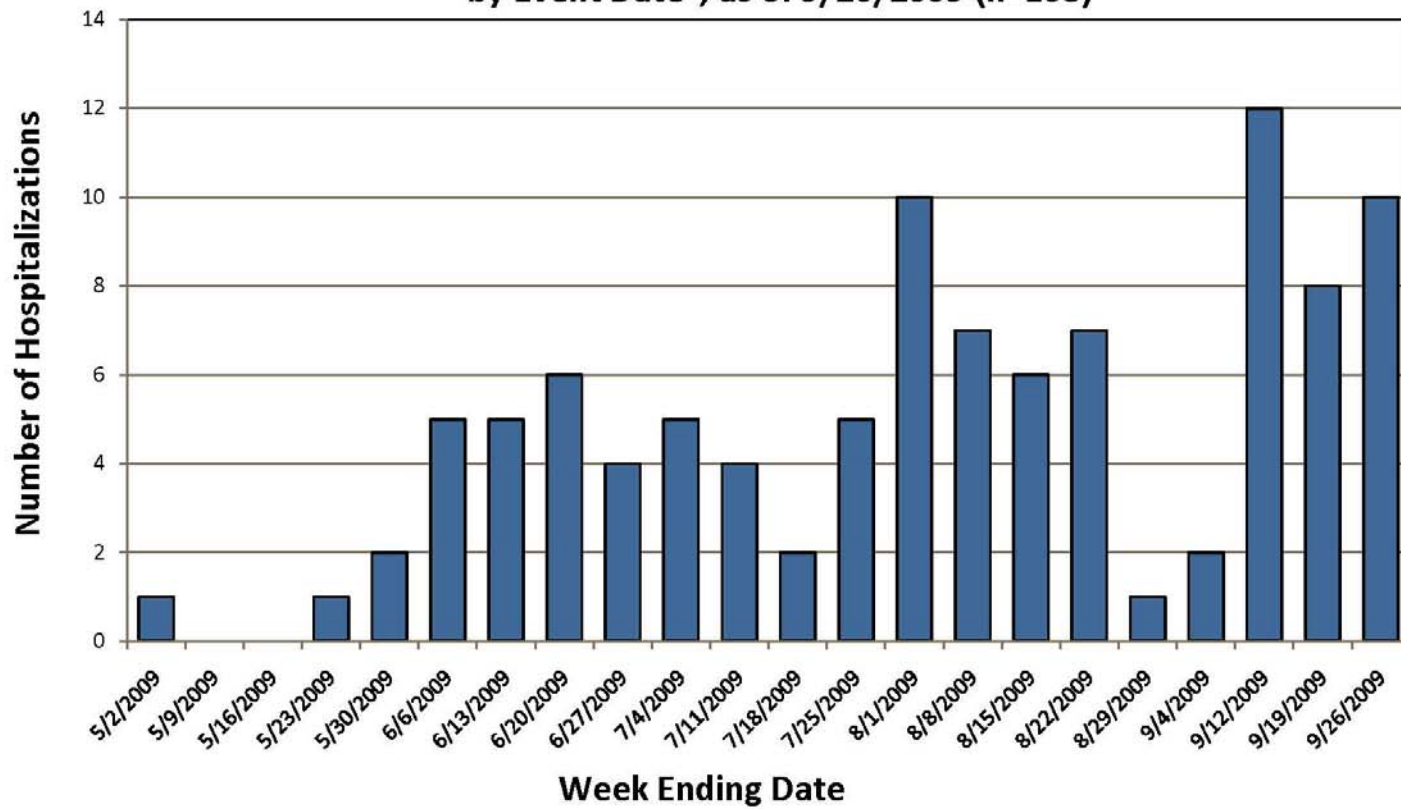


County	# Culture A/(H1N1)	# Culture B/Malaysia-like	# PCR Seasonal A/(H1)	# PCR Seasonal A/(H3)	# PCR B	# PCR Pandemic A/(H1)	# Culture No Virus Isolated/Recovered	# PCR Not Detected	# Test not Performed	Total
Richland								1	1	2
Ross								3		3
Sandusky										
Scioto										
Seneca										
Shelby								2		2
Stark								2		2
Summit						1		9		10
Trumbull										
Tuscarawas										
Union						1				1
Van Wert										
Warren										
Washington								1		1
Wayne										
Williams								1		1
Wood										
Out of State										
Unknown										
Season Totals						63		170	13	246

\*Please note: The above results may not match official H1N1 results posted to the ODH website for the following reasons:

- Lab data is based on county of provider that submitted specimen.
- Data is from tests conducted at the ODH lab (commercial lab results are not included).
- Cases classified as 'Not a Case' may not have associated lab results.

**Confirmed Pandemic (H1N1) 2009 Influenza-related Hospitalizations,  
by Event Date\*, as of 9/26/2009 (n=103)**



Data Source: Ohio Disease Reporting System  
\*Event date is the first date associated with the case, usually date of illness onset.