

Seasonal Influenza and Influenza-like Illness Surveillance

MMWR Week 37
September 13-19, 2009

Media Talking Points

Activity Level: **Regional Activity**

- Definition: Increased ILI in ≥ 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions, OR institutional outbreaks (ILI or lab confirmed) in ≥ 2 but less than half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the affected regions.

Summary: Public health surveillance data sources indicate a confirmed influenza cluster in the west central region and a continued increase in over-the-counter sales across the state. The percentage of emergency department visits with patients exhibiting constitutional symptoms has increased for the fourth consecutive week.

Surveillance Data:

- Influenza-like Illness (ILI) Sentinel Providers reported 1.21% 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 four regions.
- Emergency department visits experienced a statistically significant deviation from the expected in eleven regions.
- ODH lab has not reported any positive confirmed isolates (through 9/19/09).
- ODH lab has not reported any results for those cases that are PCR positive for seasonal influenza (through 9/19/09).
- Results obtained from pandemic influenza A H1N1 testing conducted at the ODH laboratory are now included in the chart below (total through 9/19/09).
- Incidence of confirmed influenza-associated hospitalizations in 2009-2010 season = 48 (total through 9/19/09).
- No pediatric influenza-associated mortality reports have been made (through 9/19/09).
- Confirmed Pandemic Influenza A H1N1-related hospitalizations: 74 (year-to-date total through 9/19/09).
- Confirmed Pandemic Influenza A H1N1-related deaths: 3 (year-to-date total through 9/12/09).

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 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
Ross										
Sandusky										
Scioto										
Seneca										
Shelby								2		2
Stark								2		2
Summit								4		4
Trumbull										
Tuscarawas										
Union										
Van Wert										
Warren										
Washington								1		1
Wayne										
Williams										
Wood										
Out of State										
Unknown										
Season Totals						42	0	110	6	158

*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.