

Influenza 2009-2010

Utah Public Health

Situation Report

09/23/2009

Updated Wednesdays at: <http://health.utah.gov/epi/h1n1flu/>



Status summary as of Wednesday, September 23:

Utah:

Note: Today's report is the second of the 2009-2010 influenza season.

Circulation:

- The measure of influenza circulation in the community is influenza-like illness (ILI) as reported by sentinel clinics.
- For the past week (MMWR week 37), the ILI rate for Utah is 0.7 (down from 1.0 last week).
 - This value is below the outbreak threshold.
 - ILI is going down slightly from previous weeks.

Severity:

- The measure of influenza severity in the community is influenza-associated hospitalizations (IAH).
- There have been 24 influenza-associated hospitalizations (due to both seasonal and 2009 pandemic strains) reported this season.
 - 6 have occurred during the past week.
 - No hospitalized patients have died.
 - IAH reports have remained steady over the past three weeks.

2009 Pandemic A (H1N1) deaths:

- The severity measures listed above are for influenza caused by all strains. In addition, Utah will be collecting data on patient deaths (whether hospitalized or not) known to have been caused by the 2009 Pandemic A (H1N1) strain.
- There have been 0 deaths due to 2009 Pandemic A (H1N1) this season.

Circulating strains:

- There were 44 specimens submitted to the Utah Public Health Laboratory for confirmatory testing during the past week. There were 15 positive for influenza (34%):
 - 100% due to 2009 Pandemic A (H1N1)
 - 0% due to seasonal A (H1)
 - 0% due to seasonal A (H3)
 - Influenza B not tested

National/international surveillance:

- Influenza illness is ongoing in the United States. At this time, national ILI levels are higher than what is expected during this time of year and have increased for five consecutive weeks. Increased influenza activity is being seen in the

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Southeastern portion of the United States as well as in several states in the Midwest and a few states in the Southwest portions of the United States.

- o Twenty-one states (AL, AK, AZ, AR, FL, GA, IL, KS, KY, LA, MD, MN, MS, NV, NM, NC, OK, PA, SC, TN, and VA) are reporting widespread influenza activity. Any reports of widespread influenza activity in September are very unusual.
- Nationally, the proportion of deaths attributed to pneumonia and influenza (P&I) is low and within the bounds of what is expected at this time of year.

Viral circulation and resistance:

Data in this section comes from the CDC and is collected nationally:

- 99.7% of all influenza isolates typed at national reference labs this week were Influenza A:
 - o 99.7% of the subtyped isolates were 2009 Pandemic A (H1N1).
 - o 0.3% were seasonal A (H1)
- 0.3% were Influenza B
- The majority of influenza viruses currently circulating in the U.S. are 2009 Pandemic A (H1N1)

This antiviral susceptibility profile is compiled by CDC and represents strains identified since October 1, 2008.

	% resistant to Oseltamivir	% resistant to Zanamivir	% resistant to Adamantanes
2009 Pandemic A (H1N1)	0.6%	0 %	100%
Seasonal A (H1)	99.6%	0%	0.5%
Seasonal A (H3)	0%	0%	100%
Influenza B	0%	0%	N/A

2009 Pandemic Influenza A (H1N1) Vaccine Information:

- An estimated 2-3 million doses of the 2009 Pandemic Influenza A (H1N1) vaccine will be available nationwide in early October. It is likely that all of them will be a nasal spray vaccine that is approved only for healthy people ages 2 to 49 years.
- The nasal spray is not recommended for some people with high risks of developing severe complications from influenza including pregnant women, children younger than 2, and people with asthma and other chronic respiratory diseases.

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- Orders for the 2009 Pandemic Influenza A (H1N1) vaccine may be placed beginning September 30. The vaccine will arrive in mid-October. The next vaccine orders may be placed 2-3 weeks later from an estimated nationwide supply of 45 million doses.
- Vaccine delivery plans are coordinated through Utah's twelve local public health departments.
- The vaccine will be shipped directly to providers from the centralized distribution facility, McKesson Specialty Distribution.
- Want to become a 2009 Pandemic Influenza A (H1N1) vaccine provider? If so please review the vaccine provider training and registration requirement found at: http://health.utah.gov/epi/h1n1flu/groups/vaccine_provider.html

Guidance:

New guidance available at: <http://www.cdc.gov/h1n1flu/whatsnew.htm>

- Interim recommendations for obstetric health care providers related to use of antiviral medications in the treatment and prevention of influenza for the 2009-2010 influenza season (posted Thursday, Sept. 17, 2009).
- 2009 Pandemic Influenza A (H1N1) vaccination Clinician Questions and Answers (posted Monday, Sept. 21, 2009).
- Interim recommendations for the use of antiviral medications in the treatment and prevention of influenza for the 2009-2010 influenza season (posted Tuesday, Sept. 22, 2009).
- 2009-2010 influenza season – information for pharmacists (posted Tuesday, Sept. 22, 2009).