

2009-2010 Influenza Season

Utah Public Health

Situation Report

10/07/2009

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



Status summary as of Wednesday, October 7:

Utah:

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 39), the ILI rate for Utah is 1.6 (up from 0.6 last week).
 - This value is above the outbreak threshold.
 - ILI is up from previous weeks.

Severity:

- The measure of influenza severity in the community is influenza-associated hospitalizations (IAH).
- There have been 69 influenza-associated hospitalizations (due to both seasonal and 2009 pandemic strains) reported this season.
 - 25 have occurred during the past week.
 - No hospitalized patients have died.
 - The trend of IAH being reported over the past two weeks is showing an increasing IAH trend.

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 68 specimens submitted to the Utah Public Health Laboratory for confirmatory testing during the past week. There were 38 positive for influenza (55%):
 - 100% due to 2009 Pandemic A (H1N1)
 - 0% due to seasonal A (H1)
 - 0% due to seasonal A (H3)
 - 0% due to Influenza B

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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. During the past week, widespread influenza activity was reported in 27 states.
 - Twenty-seven states reporting widespread influenza activity include: AL, AK, AZ, AR, CA, CO, DE, FL, GA, IL, IN, KS, KY, LA, MD, MN, MS, NM, NC, OH, OK, PA, TX, TN, VA, WA, and WY) are reporting widespread influenza activity. Any reports of widespread influenza activity this time of year are very unusual.
 - Regional influenza activity was reported in 18 states, including: ID, IA, ME, MA, MI, MO, NE, NH, NJ, NY, ND, OR, RI, SC, SD, UT, WV, and WI.
- Nationally, the proportion of deaths attributed to pneumonia and influenza (P&I) during the past week is still below the epidemic threshold 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:
 - 99.6% of the subtyped isolates were 2009 Pandemic A (H1N1).
 - 0.3% were seasonal A (H1)
 - 0.1% were seasonal A (H3)
- 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

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2009 Pandemic Influenza A (H1N1) Vaccine Information:

- Utah has received its first 30,000 doses of FluMist (nasal spray) in the first round of H1N1 vaccine supplies. Local Health Departments started giving H1N1 vaccines on Monday October 5th with many more beginning their H1N1 vaccinations on Wednesday October 7th. Check with your Local Health Department to find out when H1N1 vaccine clinics will start in your area.
- Priority groups for the H1N1 vaccine are as follows:
 - Pregnant women
 - Persons who live with or provide care for infants under 6 months of age
 - Health care and emergency medical services personnel
 - Children and young adults aged 6 months through 24 years
 - Persons aged 25 through 64 years who have medical conditions that put them at higher risk for influenza-related complications
- The FluMist or nasal spray is only approved for use in healthy people ages 2-49 years who are not pregnant. It is not approved for people with high risks of developing severe complications from influenza including pregnant women, children younger than 2 years, and people with asthma and other chronic respiratory diseases.
- Several systems are being used to monitor the safety of the 2009 H1N1 flu vaccine. Two primary systems are the Vaccine Adverse Event Reporting System (VAERS) and the Vaccine Safety Datalink (VSD) project.
 - There are three ways to report to VAERS:
 - 1 – Submit online via a secure website at: <https://secure.vaers.org/VaersDataEntryintro.htm>
 - 2 – Fax completed VAERS form to 877-721-0366
 - 3 – Mail completed VAERS form to VAERS, P.O. Box 1100, Rockville, MD 20849-1100
 - A VAERS form may be downloaded from the VAERS website at http://vaers.hhs.gov/resources/vaers_form.pdf. You may also request a VAERS form by sending an email to info@vaers.org, or by calling 800-822-7967, or by sending a faxed request to 877-721-0366. For additional information on VAERS or vaccine safety, visit the VAERS website at www.vaers.hhs.gov (<http://www.vaers.hhs.gov/>) or call 800-822-7967.

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Guidance:

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

- Vaccine Information Statement (VIS) for Live, Intranasal 2009 H1N1 Influenza Vaccine (posted Friday, Oct. 2, 2009).
- Vaccine Information Statement (VIS) for Inactivated 2009 H1N1 Influenza Vaccine (posted Friday, Oct. 2, 2009).
- 2009 H1N1 Influenza Vaccine and Pregnant Women: Information for Healthcare Providers (posted Friday, Oct. 2, 2009)
- 2009-2010 Influenza Season Triage Algorithm for Adults (>18 Years) With Influenza-Like Illness (posted Friday, Oct. 2, 2009)
- Patients with Asthma: Considerations for Clinicians Regarding 2009 H1N1 Influenza Virus (posted Friday, Oct. 2, 2009)
- Healthcare Providers and Facilities - Decision Tree for 2009 H1N1 Vaccination (posted Monday, Oct. 5, 2009)
- Template Letter for Healthcare Providers about the Vaccine Adverse Event Reporting System (VAERS) (posted Tuesday, Oct. 6, 2009)
- Updated: H1N1 Clinicians Questions and Answers (posted Monday, Oct. 6, 2009)