



General Public Bulletin #21

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2009-2010 Pandemic A H1N1 Influenza Summary – January 5, 2010

There have been 12,220 deaths reported. The most active areas of pandemic influenza transmissions are in Central and Eastern Europe. In Western Europe influenza transmission remains active and widespread but overall activity has peaked. In North America, influenza activity remains widespread but has declined in all countries. In Central Asia, it appears that virus circulation remains active but transmission may have peaked in some places. Influenza transmission remains active in much of Eastern Asia but it appears to be declining. Influenza activity continues to be intense in Southern Asia. In the tropical region of Central and South America and the Caribbean, influenza activity remains widespread but disease activity appears to be either declining or remaining unchanged. Sporadic cases of pandemic influenza continue to be reported in the temperate region of the southern hemisphere. However there is no evidence of sustained community transmission.

For additional information go to: <http://www.who.int/csr/disease/swineflu/en/index.html>

Four states reported **widespread** activity; 13 states had **regional** activity; 19 states, District of Columbia and Puerto Rico reported **local** activity; 13 states and Guam reported **sporadic** activity and 1 state reported no activity. Influenza activity continued to decrease. Four influenza-associated pediatric deaths were reported during the week. These deaths occurred between August 30 and December 19, 2009. The 2009 pandemic A (H1N1) virus infection was associated with 2 of the deaths and 2 were associated with influenza A virus for which the subtype was undetermined. Since April 26, 2009, the CDC reports there has been a total of 243 deaths in children associated with 2009 pandemic A (H1N1) virus. The proportion of deaths attributed to influenza and pneumonia was above the epidemic threshold as reported to the 122-Cities Mortality Reporting System. (7.7% compared to the national threshold of 7.4%) Since August 30, there have been 37,090 laboratory-confirmed influenza associated hospitalizations and 1,697 laboratory-confirmed deaths. For outpatient visits reported through U.S. Outpatient Influenza-like Illness Surveillance Net-work (ILINet), 3.2% were due to influenza-like illness which was above the expected baseline of 2.3 %. Two out of the 10 regions reported the proportion of outpatient visits for ILI was above their region-specific baseline levels. 3,906 specimens were tested and 154 (3.9%) were positive for influenza A and 3,752 (96.1%) were negative for influenza. Out of the 154 influenza A positives, 78 (50.6 %) were 2009 pandemic A (H1N1) and 76 (49.4 %) subtyping was not preformed. The majority of 2009 pandemic A (H1N1) viruses remain susceptible to the neuraminidase inhibitor antiviral medication oseltamivir but rare

sporadic cases of oseltamivir resistant 2009 pandemic A (H1N1) viruses have been detected. All viruses tested remained sensitive to zanamivir.

For additional information go to <http://www.cdc.gov/h1n1flu/updates/us/>

Ohio's influenza activity was **sporadic**. Out of the 3,045 specimens tested at the ODH lab during this season, only 2 specimens have been positive for seasonal influenza; one was A (H1) and the other was A (H3). For this reporting period no additional specimens have tested positive for 2009 pandemic A (H1N1). The number of positive specimens remains at 1,185 (38.9%) out of 3,045 specimens. For the 2009-2010 season, there have been 3,110 influenza-associated hospitalizations and 1,442 were laboratory confirmed 2009 pandemic A (H1N1). There have been 10 confirmed influenza-associated pediatric mortalities for the 2009-2010 season of which 7 were confirmed 2009 pandemic A (H1N1). This includes one pediatric death in Summit County. Year-to-date there have been 50 confirmed 2009 pandemic A (H1N1) influenza-related deaths. ODH has created a new URL for flu information: www.flu.ohio.gov/.

Influenza activity decreased slightly in Summit County. The EpiCenter average for adult emergency room visits for respiratory and constitutional complaints increased very slightly going from 19.18% last period to 19.70 % this period. The number of people diagnosed with influenza-like illness (ILI) decreased. Last period there were 98 diagnoses compared to 62 for this period. The number of adult hospitalizations for influenza decreased going from 11 last period to 5 this period. The number of lab tests being performed decreased. This period 18 tests were administered and 2 (11.1%) were positive for influenza B compared to last period when 2 (3.3%) tests were positive for influenza A out of the 61 tests administered. School absences were not reported due to the students being on holiday break. The number of prescriptions of oseltamivir and zanamivir decreased to 8 for this period compared to 23 for the last reporting period. The number of pneumonia-related deaths decreased to 10 this period compared to 12 in the previous period. No influenza deaths were reported. Local health departments held H1N1 vaccine clinics for the general public. For a listing of local H1N1 vaccine clinics, go to www.summitflu.org.

The Summit County Health District will schedule appointments for H1N1 vaccination by calling 330-926-5700. The Akron Health Department will be taking appointments for H1N1 vaccinations for all individuals through their Adult Clinic at Morley Health Center- people may call the Adult Clinic at 330-375-2363 to schedule an appointment. The Barberton Health District will be giving vaccines during normal business hours, Monday-Friday 8:00am-4:30pm, by appointment. Please call 330-745-6869 to make an appointment. If you would like to pre-register for the vaccine visit www.summitflu.org as this will decrease the amount of forms you will need to complete at the clinic.

The Summit County health departments are encouraging parents and guardians of children ages 6 months to 9 years who received an H1N1 vaccination to get these children a booster vaccination. The Centers for Disease Control (CDC) recommends that children under 10 years of age receive an H1N1 booster vaccination 28 days after the initial vaccination. Listed below are the upcoming H1N1 vaccination clinics in Summit County.

January H1N1 Free Vaccination Clinics

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6 Macedonia Family Recreation Center 1494 East Aurora Road Macedonia, 44056 3pm-6pm	7	8	9
10	11 Village of Richfield Senior Center 4410 West Streetsboro Road Richfield 44286 10am-1pm	12 Stow-Munroe Falls Library 3512 Darrow Road Stow 44224 3pm-6pm	13 Norton Community Center 4060 Columbia Woods Drive Norton, Ohio 44203 3pm-6pm	14	15	16
17	18	19 Interval Brotherhood Home 3445 South Main Street Akron 44319 (Educational Center, please use the Service Entrance) 3pm-6pm Firestone Park Community Center 1480 Girard St. Akron 44301 10:30am – 12:30pm	20 Manchester United Methodist Church 5625 Manchester Rd. Akron 44319 3pm-6pm Northwest Family Recreation Center 1730 Shatto Ave. Akron 44313 1pm – 4:30pm	21	22 The University of Akron- Quaker Station 135 South Broadway Akron 44325 9:30am-12:30pm	23
24	25	26 Kenmore Senior Community Center 880 Kenmore Blvd. Akron 44314 11am – 1pm	27 Ellet Community Center 2449 Wedgewood Dr. Akron 44312 10am – 12pm	28	29	30
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