Influenza Activity in New Mexico for Week Ending December 18th, 2010

Influenza in the State was sporadic to low activity by several indicators:

- Outpatient Visits for Influenza-like illness (ILI): twenty-four of the 26 sentinel outpatient provider sites reported a total of 7,741 patient visits, of which 203 (2.6%) were identified as visits for ILI. The previous week ending December 11th reported 2.3% influenza-like illness. See graph below with comparison to national ILI activity percentage.

- Laboratory tests for influenza: The Scientific Lab Division (SLD) has reported, up to week ending 12/11/10, six respiratory samples positive for influenza by polymerase chain reaction (PCR): four type B, one type A (H3) and one type A (2009 H1N1).

- Influenza-related hospitalizations: information on influenza-related hospitalization is gathered and reported by the Emerging Infections Program in the Infectious Disease Epidemiology Bureau. This information will be provided later in the season when more data are available.

- Influenza-related deaths: there have been no reports of deaths, adult or pediatric, caused by lab-confirmed influenza in New Mexico since the beginning of the season in early October.

- NMDOH reported the state influenza activity as “Sporadic Activity” to the Centers for Disease Control and Prevention (CDC). See the table on page 3 for full definitions of activity levels. Below is a map of the U.S displaying New Mexico activity in comparison to influenza activity in bordering states, related regions and nationally.
Weekly ILI and lab data may change as additional reports are compiled.

Influenza-like Activity (ILI) is defined as Fever (≥ 100°F [37.8°C], oral or equivalent) AND cough and/or sore throat in absence of a KNOWN cause other than influenza.

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This information is collected by the Infectious Disease Epidemiology Bureau, Epidemiology Response Division of NMDOH.
For questions, please call 505-827-0006. For more information on influenza go to the NMDOH web page: [http://www.health.state.nm.us/flu/](http://www.health.state.nm.us/flu/) or the CDC web page: [http://www.cdc.gov/ncidod/diseases/flu/fluivirus.htm](http://www.cdc.gov/ncidod/diseases/flu/fluivirus.htm)
**Activity Level** | **ILI activity*/Outbreaks** | **Laboratory data**
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No activity | Low | And No lab confirmed cases
Sporadic | Not increased | And Isolated lab-confirmed cases
 | Increased ILI in 1 region**; ILI activity in other regions is not increased | And Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI
OR | Not increased | And Lab confirmed outbreak in one institution
Local | 2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased | And Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions
OR | Increased ILI in less than half of the regions (2 or less) | And Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
Regional | Institutional outbreaks (ILI or lab confirmed) in less than half of the regions (2 or less) | And Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
OR | Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least 3 of the 5 regions | And Recent (within the past 3 weeks) lab confirmed influenza in the state.
Widespread

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1 Influenza-like illness: Fever (≥ 100°F [37.8°C], oral or equivalent) and cough and/or sore throat (in the absence of a known cause other than influenza)

2 Lab confirmed case = case confirmed by rapid diagnostic test, antigen detection, culture, or PCR. Care should be given when relying on results of point of care rapid diagnostic test kits during times when influenza is not circulating widely. The sensitivity and specificity of these tests vary and the predictive value positive may be low outside the time of peak influenza activity. Therefore, at the start of the season, NMDOH uses lab confirmation by PCR or culture to declare the presence of lab-confirmed influenza in the state. Positivity by other lab methods is recognized and tracked as another influenza activity indicator as the season progresses.

3 Institution includes nursing home, hospital, prison, school, etc.

**Region:** population under surveillance in a defined geographical subdivision of a state. A region could be comprised of 1 or more counties and would be based on each state’s specific circumstances. In New Mexico, the NMDOH regions are: Region 1—San Juan, McKinley, Sandoval, Cibola and Valencia counties; Region 2—Rio Arriba, Taos, Colfax, Union, Mora, Santa Fe, San Miguel, Los Alamos and Guadalupe counties; Region 3 — Bernallillo county; Region 4 — Harding, Quay, Curry, DeBaca, Roosevelt, Chaves, Eddy and Lea counties, and Region 5 — Torrance, Lincoln, Socorro, Catron, Grant, Sierra, Otero, Dona Ana, Luna and Hidalgo counties.