



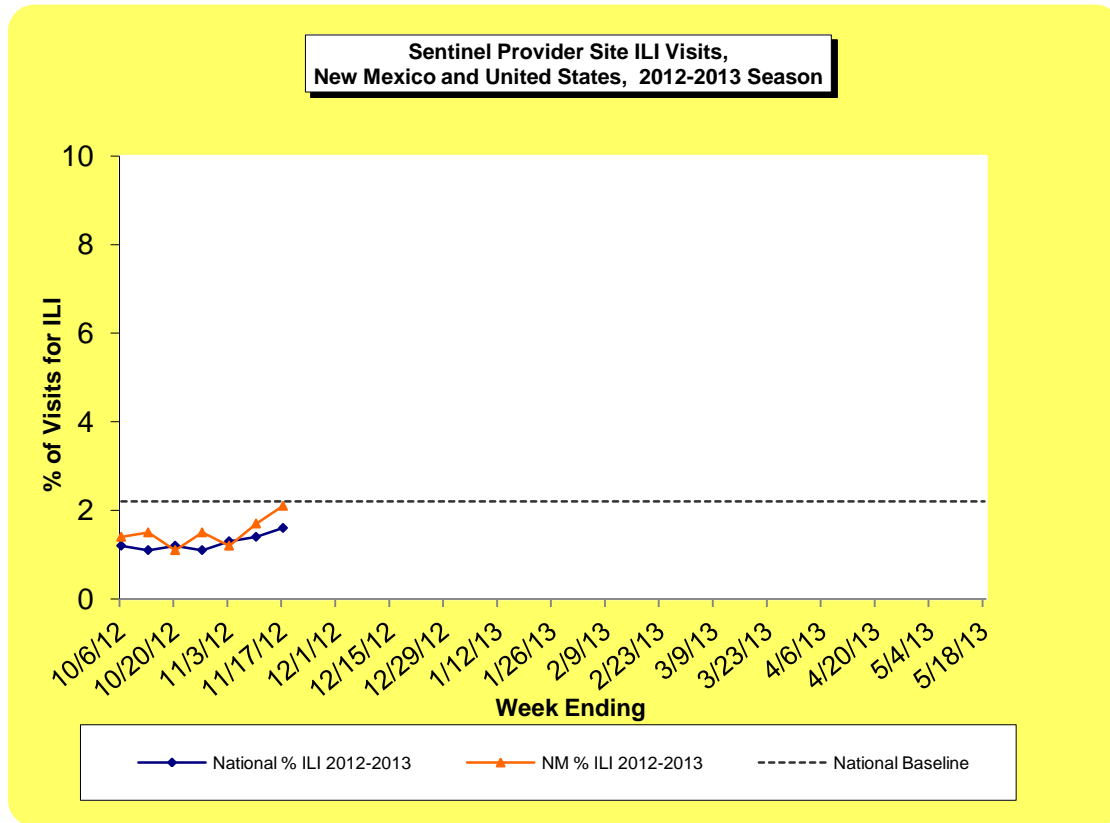
NEW MEXICO INFLUENZA SURVEILLANCE UPDATE 2012 - 2013 Influenza Season

Epidemiology and Response Division, New Mexico Department of Health (NMDOH)

Influenza Activity in New Mexico for **Week Ending November 17, 2012 (MMWR Week 46)**

Influenza in the State was at low activity by several indicators¹:

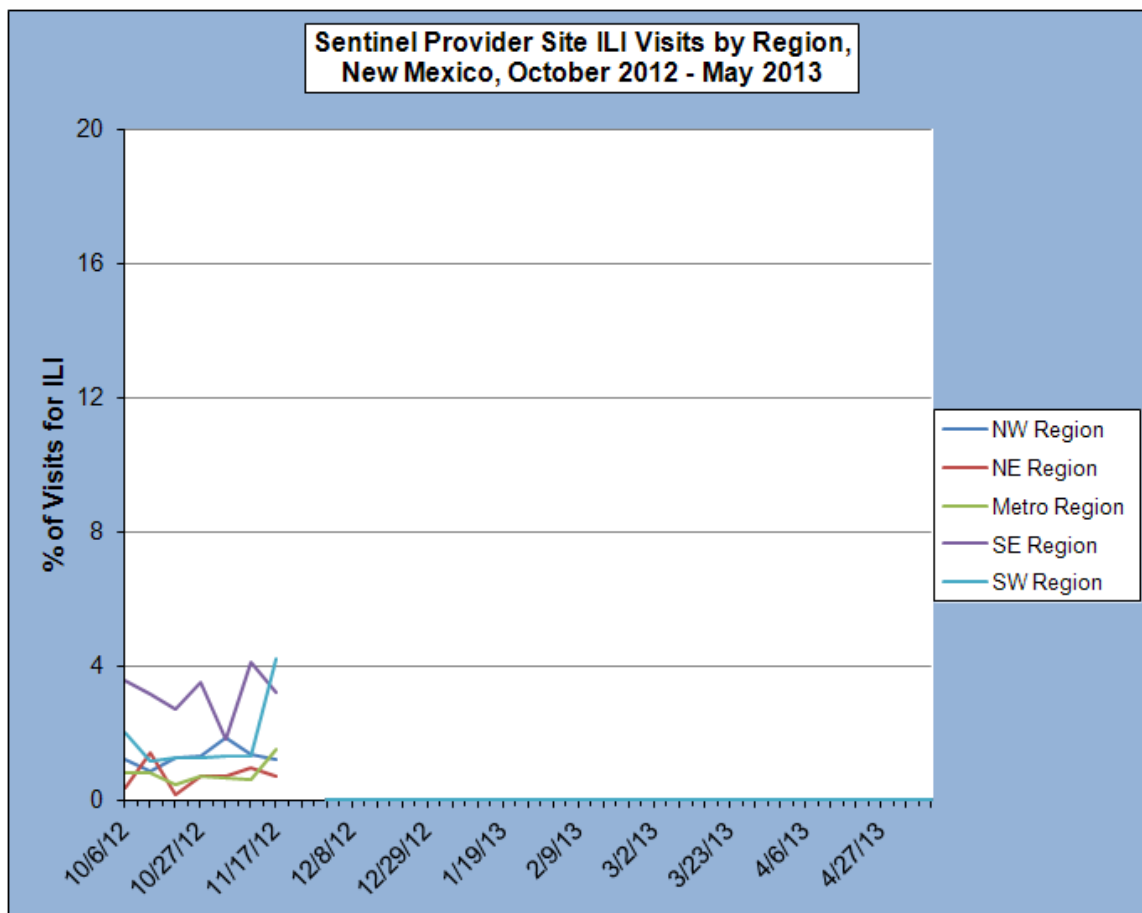
- Outpatient Visits for Influenza-like illness (ILI): twenty- four of the 26 sentinel outpatient provider sites reported a total of 8,597 patient visits, of which 181 (2.1%) were identified as visits for ILI². The previous week ending November 10th reported 1.7% influenza-like illness. See graph below displaying the comparison of statewide ILI activity to national ILI activity percentage.



¹ Weekly ILI and lab data may change as additional reports are compiled.

² Influenza-like Activity (ILA) is defined as Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent) AND cough and/or sore throat in the absence of a KNOWN cause other than influenza.

- By NMDOH regions within the state (refer to page 4 table footnote defining the regions by county), activity was at low to slightly increased levels with a range of 0.7% ILI (Northeast Region) to 4.2% ILI (Southwest Region). See graph below for the current season's ILI by region.

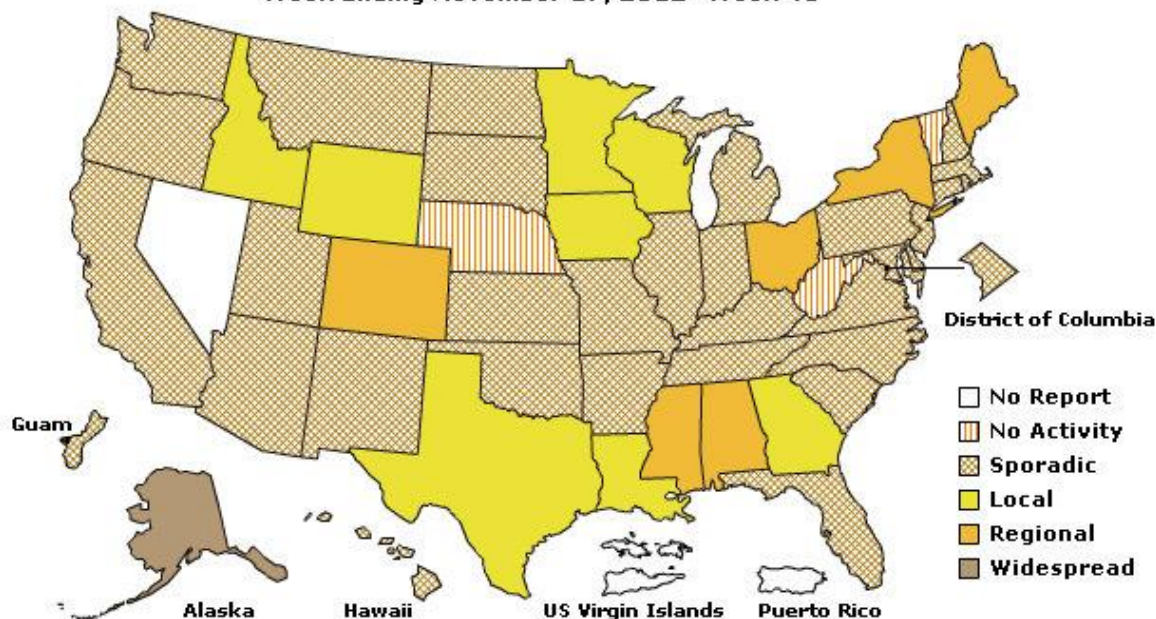


- Laboratory tests for influenza: the Scientific Lab Division (SLD) has reported five positive samples for influenza by polymerase-chain reaction (PCR) testing, collected between 11/3/12 and 11/15/12. Two of the positive samples were influenza A type (not subtyped) and four were influenza B type. These samples originated from McKinley, Bernalillo and Santa Fe counties.
- Influenza-related deaths: there have been no reports of deaths, adult or pediatric, caused by lab-confirmed influenza in New Mexico for week ending November 17, 2012.

- NMDOH reported the state influenza activity as “**Sporadic**” 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, regions and nationally. This map is produced by the CDC Influenza Division.

**A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists***

Week Ending November 17, 2012- Week 46



***This map indicates geographic spread and does not measure the severity of influenza activity.**

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/> or the CDC web page: <http://www.cdc.gov/ncidod/diseases/flu/fluvirus.htm>

Activity Level	ILI activity*/Outbreaks		Laboratory data
No activity	Low	And	No lab confirmed cases [†]
Sporadic	Not increased	And	Isolated lab-confirmed cases
	OR		
Local	Not increased	And	Lab confirmed outbreak in one institution [‡]
	OR		
Local	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		
Regional	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		
Regional	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
	OR		
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		
Widespread	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.

*Influenza-like illness: Fever ($\geq 100^{\circ}\text{F}$ [37.8°C], oral or equivalent) and cough and/or sore throat (in the absence of a known cause other than influenza)

[†] 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 predicative 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.

[‡] 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: **Northwest Region—San Juan, McKinley, and Cibola counties; **Northeast Region**—Los Alamos, Rio Arriba, Taos, Colfax, Union, Mora, Harding, Santa Fe, San Miguel and Guadalupe counties; **Metro Region** — Bernalillo, Sandoval, Torrance and Valencia counties; **Southeast Region** —Quay, Curry, DeBaca, Lincoln, Roosevelt, Chaves, Eddy and Lea counties, and **Southwest Region** —Socorro, Catron, Grant, Sierra, Otero, Dona Ana, Luna and Hidalgo counties.