New Mexico Influenza Geographic Spread*

- No Activity
- Sporadic
- Local
- Regional
- Widespread

Summary of Activity: Week 43
October 23-29, 2016

- Influenza activity is below the national baseline of 2.2% in all five health regions
- There has been sporadic laboratory activity
- No influenza-related outbreaks have been reported this week

Table of Contents

- Influenza-Like Illness (ILI) ........................................... 2
- Regional IILI .............................................................. 3
- Laboratory Data .......................................................... 4-5
- Hospitalization and Death Data ................................. 6
- Prevention and Control ............................................... 7
- Appendix & Resources ............................................... 8
New Mexico Department of Health (NMDOH) is collaborating with 28* ILI sentinel sites for the 2016-2017 season. Sites report weekly on the number of patients that present to their facility with influenza-like illness. That number is then divided by the total number of patients seen for any reason, resulting in percent of ILI activity. ILI is defined as fever of > 100° F and cough and sore throat in absence of known cause.

New Mexico and U.S. ILI Activity, 2012 to Present

% ILI, NM Week 43
Oct 23-29, 2016 (current Week)
1.1%

% ILI, NM Week 42
Oct 16-22, 2016 (previous week)
1.0%

%ILI, US Week 43
Oct 23-29, 2016 (current week)
1.3%

* See appendix for 29 reporting sites
## Regional ILI Activity

### Outbreak:
An influenza outbreak is defined as at least two cases of ILI in a specific area with at least one lab confirmed case.

### PCR Testing:
Polymerase Chain Reaction (PCR) tests can identify the presence of influenza viral RNA in respiratory specimens. PCR testing is performed at four facilities: NMDOH Scientific Laboratory Division (SLD), TriCore Reference Laboratories, New Mexico Veterans Affairs (VA) and Gila Regional Medical Center (GRMC).

### NM ILI Activity by Health Region, 2016-2017

<table>
<thead>
<tr>
<th>Region</th>
<th>This Week</th>
<th>Last Week</th>
<th>Outbreaks</th>
<th>+PCR testing at SLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>1.7%</td>
<td>0.7%</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>NE</td>
<td>0.7%</td>
<td>0.6%</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Metro</td>
<td>1.6%</td>
<td>1.5%</td>
<td>No</td>
<td>Yes</td>
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<tr>
<td>SW</td>
<td>0.4%</td>
<td>0.3%</td>
<td>No</td>
<td>No</td>
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<tr>
<td>SE</td>
<td>1.1%</td>
<td>1.4%</td>
<td>No</td>
<td>Yes</td>
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</tbody>
</table>

### Percent ILI by Region

- **0.0%**
- **1.0%**
- **2.0%**
- **3.0%**
- **4.0%**
- **5.0%**
- **6.0%**
- **7.0%**
- **8.0%**
- **9.0%**
- **10.0%**

<table>
<thead>
<tr>
<th>Region</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
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1. Outbreak definition: At least two cases of ILI in a specific area with at least one lab confirmed case.
2. PCR Testing: Polymerase Chain Reaction (PCR) tests can identify the presence of influenza viral RNA in respiratory specimens. PCR testing is performed at four facilities: NMDOH Scientific Laboratory Division (SLD), TriCore Reference Laboratories, New Mexico Veterans Affairs (VA) and Gila Regional Medical Center (GRMC).
Since the start of the influenza season, four laboratories have reported 3 of 45 respiratory specimens testing positive for influenza by PCR. 1 positive specimen was subtyped as A(H1N1), 0 (0.0%) were A(H3N2), 0 (0.0%) of influenza A specimens were not subtyped. 0 (0.0%) tested positive influenza B, (not subtyped), 0 (0.0%) positive specimens were identified as B(Victoria) and 2 as B(Yamagata).
RSV and Rapid Influenza Laboratory Data 2016-2017

Laboratory Sites Participating in Rapid Influenza Data Collection (Facility name, City)

- NW
  - San Juan Regional Medical Center, Farmington; and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma Pueblo

- NE
  - Taos-Picuris Indian Health Clinic, Taos; Pecos Valley Medical Center, Pecos; La Familia Medical Clinics, Santa Fe; Los Alamos Family Care Clinic, Los Alamos; Jicarilla Apache Indian Health Clinic, Dulce; Children's Clinic PA, Los Alamos

- Metro
  - Lovelace Downtown Medical Center, Albuquerque; University of New Mexico Student Health Clinic, Albuquerque; Presbyterian Medical Group-Atrisco, Northside, Pediatric Urgent Care; Albuquerque Health Partners Urgent Care, Rio Rancho

- SW
  - Gila Regional Medical Center, Silver City; Hidalgo Medical Services Clinic, Lordsburg; Ben Archer Health Center, Deming, Columbus, and Donna Ana; La Clinica de Familia, Sunland Park; Mescalero Apache Indian Health Hospital, Mescalero; New Mexico Mining and Technology Institute, Socorro

- SE
  - Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales

Laboratory Sites Participating in RSV Data Collection (Facility name, City)

- NW
  - San Juan Regional Medical Center, Farmington and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma Pueblo

- NE
  - Los Alamos Medical Center, Los Alamos, Dulce Health Center, Dulce; Christus St. Vincent. Santa Fe; Alta Vista Regional Hospital, Las Vegas; Miners' Colfax Medical Center, Raton

- Metro
  - Quest Diagnostic Laboratory, Albuquerque

- SW
  - Gerald Champion, Alamogordo

- SE
  - Artesia General Hospital, Artesia; Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell

* Data is not representative of all facilities in New Mexico
Influenza Hospitalizations, NM & US, 2016-2017

<table>
<thead>
<tr>
<th>Year to date (YTD)</th>
<th>P &amp; I Deaths</th>
<th>Pneumonia Deaths</th>
<th>Adult Flu Deaths</th>
<th>Pediatric Flu Deaths</th>
<th>Total P &amp; I Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-2017</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2015-2016</td>
<td>190</td>
<td>159</td>
<td>30</td>
<td>1</td>
<td>190</td>
</tr>
<tr>
<td>2014-2015</td>
<td>185</td>
<td>152</td>
<td>32</td>
<td>1</td>
<td>185</td>
</tr>
</tbody>
</table>

Pneumonia death: Is defined as have a cause of death that related to pneumonia & influenza (P & I) not including: aspiration pneumonia, pneumonitis, or pneumococcal meningitis.

Influenza death: Is defined as have a cause of death that related to pneumonia & influenza (P & I) not including: parainfluenzae or Haemophilus influenzae.
Vaccination Information

Got Questions? 1-866-681-5872, New Mexico’s Vaccine and Flu Hotline

Still Need to Get Your Flu Shot?

HealthMap Vaccine Finder:
http://vaccine.healthmap.org/

To use HealthMap Vaccine Finder you’ll need internet access and the zip code in which you wish to get vaccinated.

Or

Contact your local public health office:
https://nmhealth.org/location/public/

Antiviral Information and Data

Persons at higher risk for influenza complication recommended for antiviral treatment include:

- Children aged younger than 2 years & adults aged 65 years and older
- Persons with chronic medical conditions
- Persons with immunosuppression, including that caused by medications or by HIV infection
- Women who are pregnant or postpartum (within 2 weeks after delivery)
- Persons aged younger than 19 years who are receiving long-term aspirin therapy
- American Indians/Alaska Natives
- Persons who are morbidly obese (i.e., BMI is 40 or greater)
- Residents of nursing homes and other chronic-care facilities
*Geographic spread is based on CDC's activity estimates definitions. For more information visit: [http://www.cdc.gov/flu/weekly/overview.htm](http://www.cdc.gov/flu/weekly/overview.htm)

### Health Region

<table>
<thead>
<tr>
<th>Health Region</th>
<th>Participating Sentinel Sites (Facility name, City)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Northwest</strong></td>
<td>San Juan Regional Medical Center, Farmington and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma</td>
</tr>
<tr>
<td><strong>Northeast</strong></td>
<td>Raton Family Practice Associates, Raton; Taos-Picuris Indian Health Clinic, Taos; Pecos Valley Medical Center, Pecos; La Familia Medical Clinics, Santa Fe; Los Alamos Family Care Clinic, Los Alamos; Jicarilla Apache Indian Health Clinic, Dulce; Children’s Clinic PA, Los Alamos</td>
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<td><strong>Metro</strong></td>
<td>Lovelace Downtown Medical Center, Albuquerque; University of New Mexico Student Health Clinic, Albuquerque; Presbyterian Medical Group-Atrisco, Northside, Pediatric Urgent Care; Albuquerque Health Partners Urgent Care, Rio Rancho</td>
</tr>
<tr>
<td><strong>Southwest</strong></td>
<td>Gila Regional Medical Center, Silver City; Hidalgo Medical Services Clinic, Lordsburg; Ben Archer Health Center, Deming, Columbus, and Dona Ana; La Clinica de Familia, Sunland Park; Mescalero Apache Indian Health Hospital, Mescalero; New Mexico Mining and Technology Institute, Socorro</td>
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<tr>
<td><strong>Southeast</strong></td>
<td>Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales</td>
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</tbody>
</table>

In accordance with New Mexico Administrative Code (NMAC) 7.4.3.13 **Influenza is a reportable condition for the following:**

- Influenza, laboratory confirmed hospitalizations only
- Influenza-associated pediatric death
- Acute Illness or condition of any type involving large numbers of persons in the same geographic area (outbreaks)
- Other illnesses or condition of public health significance (novel influenza A)

For more information on reportable conditions please visit: [http://www.nmcpr.state.nm.us/nmac-parts/title07/07.004.0003.htm](http://www.nmcpr.state.nm.us/nmac-parts/title07/07.004.0003.htm)