New Mexico Department of Health
Influenza & Respiratory Disease Report
A Summary of Influenza and RSV Surveillance

New Mexico Influenza Geographic Spread*

- No Activity
- Sporadic
- Local
- Regional
- Widespread

Summary of Activity: Week 50
December 11th – December 17th, 2016

- New Mexico ILI activity is currently 1.6%
- Influenza activity is at or below the national baseline of 2.2% in all five health regions
- There continues to be only sporadic laboratory activity
- No influenza-related outbreaks have been reported this week

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Influenza-Like Illness (ILI) Activity

New Mexico Department of Health (NMDOH) is collaborating with 29* 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

<table>
<thead>
<tr>
<th>Week</th>
<th>% ILI, NM</th>
<th>% ILI, US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 50</td>
<td>1.6%</td>
<td>2.3%</td>
</tr>
<tr>
<td>Week 49</td>
<td>1.7%</td>
<td></td>
</tr>
</tbody>
</table>

* 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 various laboratories across New Mexico.

<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>2.0%</td>
<td>1.9%</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>NE</td>
<td>1.3%</td>
<td>2.3%</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Metro</td>
<td>2.0%</td>
<td>1.4%</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>SW</td>
<td>0.3%</td>
<td>0.6%</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>SE</td>
<td>2.2%</td>
<td>2.0%</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

- **NW**: 2.0% 1.9% No No
- **NE**: 1.3% 2.3% No Yes
- **Metro**: 2.0% 1.4% No Yes
- **SW**: 0.3% 0.6% No Yes
- **SE**: 2.2% 2.0% No Yes

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**Percent ILI by Region**

- OCT
- NOV
- DEC
- JAN
- FEB
- MAR
- APR
- MAY

**Outbreaks**

- 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 various laboratories across New Mexico.
Since the start of the 2016-2017 influenza season, laboratories have reported that a total of 44 out of 2,824 respiratory specimens have tested positive for influenza by PCR. Four positive specimens were subtyped as A(H1N1), 23 were A(H3N2), 5 influenza A specimen was not subtyped. Two tested positive as influenza B not subtyped, 0 positive specimens were identified as B(Victoria) and 4 as B(Yamagata).
### Laboratory Sites Participating in Rapid Influenza Data Collection (Facility name, City)

<table>
<thead>
<tr>
<th>Region</th>
<th>Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>San Juan Regional Medical Center, Farmington; and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma Pueblo</td>
</tr>
<tr>
<td>NE</td>
<td>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>
</tr>
<tr>
<td>Metro</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>SW</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>
</tr>
<tr>
<td>SE</td>
<td>Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales</td>
</tr>
</tbody>
</table>

*Data is not representative of all facilities in New Mexico*

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

<table>
<thead>
<tr>
<th>Region</th>
<th>Sites</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>San Juan Regional Medical Center, Farmington and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma, Gallup Indian Medical Center, Gallup; Zuni Hospital, Zuni; Crownpoint IHS, Gallup;</td>
</tr>
<tr>
<td>NE</td>
<td>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</td>
</tr>
<tr>
<td>Metro</td>
<td>Quest Diagnostic Laboratory, Albuquerque</td>
</tr>
<tr>
<td>SW</td>
<td>Gerald Champion, Alamogordo</td>
</tr>
<tr>
<td>SE</td>
<td>Artesia General Hospital, Artesia; Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell</td>
</tr>
</tbody>
</table>

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### Graphs

#### Number of Positive Tests

- **A+**
- **B+**
- **A/B+**
- **RSV +**
- **NM % Ili**

#### Percent of Ili

- OCT
- NOV
- DEC
- JAN
- FEB
- MAR
- APR
- MAY

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*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>Total 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
Appendix

*Geographic spread is based on CDCs activity estimates definitions. For more information visit: http://www.cdc.gov/flu/weekly/overview.htm

<table>
<thead>
<tr>
<th>Health Region</th>
<th>Participating Sentinel Sites (Facility name, City)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NorthEast</td>
<td>San Juan Regional Medical Center, Farmington and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma</td>
</tr>
<tr>
<td>NorthEast</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; Miner’s Colfax Medical Center, Raton</td>
</tr>
<tr>
<td>NorthEast</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>
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<td>NorthEast</td>
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</tr>
<tr>
<td>SouthEast</td>
<td>Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales</td>
</tr>
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</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