Summary of Activity: Week 41
October 8 – October 14th 2023

- New Mexico influenza-like illness (ILI) activity is currently 3.3% of patient visits statewide and is below the NM ILI baseline of 6.0%. All five NM health regions are also below the NM baseline.

- US ILI is 2.3%, below the national ILI baseline of 2.9%

- Now is the best time to receive a flu vaccination for this coming season. Updated shots for COVID-19 are also available.

- Long Term Care Facilities: No influenza outbreaks were reported this week.

Please visit [https://cv.nmhealth.org](https://cv.nmhealth.org) for COVID-19 Weekly Epidemiology Reports

Visit [CDC FluView](https://www.cdc.gov/flu/weekly/index.htm) for the national ILI report

*Activity Map from [https://www.cdc.gov/flu/weekly/index.htm](https://www.cdc.gov/flu/weekly/index.htm)

Please note:
- Influenza-like illness is a syndrome of respiratory illness, including conditions like COVID-19, Respiratory Syncytial Virus (RSV), and other seasonal respiratory viruses.
New Mexico Department of Health (NMDOH) is collaborating with 21 ILI sentinel sites and 30 syndromic surveillance sites* for the 2023-2024 season. Sites report weekly on the number of patients that present to their facility with influenza-like illness (ILI). 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 greater than or equal to 100°F and cough and/or sore throat.

<table>
<thead>
<tr>
<th>% ILI, NM, Week 41 Oct 08-Oct 14, 2023 (Current Week)</th>
<th>% ILI, NM, Week 40 Oct 01-Oct 07, 2023 (Last Week)</th>
<th>% ILI, US, Week 41 Oct 08-Oct 14, 2023 (Current Week)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.3%</td>
<td>3.3%</td>
<td>2.3%</td>
</tr>
</tbody>
</table>

* See appendix for reporting sites
Regional Influenza-Like Illness (ILI) Activity, 2023-2024

<table>
<thead>
<tr>
<th>Region</th>
<th>This Week</th>
<th>Last Week</th>
<th>+ Rapid Flu*</th>
<th>+ PCR at State Lab</th>
<th>Total Tested at State Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metro</td>
<td>3.6%</td>
<td>3.6%</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>0</td>
</tr>
<tr>
<td>NE</td>
<td>3.2%</td>
<td>2.4%</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NW</td>
<td>2.1%</td>
<td>1.3%</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>SE</td>
<td>3.5%</td>
<td>4.2%</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>0</td>
</tr>
<tr>
<td>SW</td>
<td>3.3%</td>
<td>3.5%</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

*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.
Emergency Department Surveillance for COVID-19, Influenza, and RSV Discharge Diagnoses (DD), June 2023 – Present

This visualization is populated from data by New Mexico Emergency Departments.

Discharge Diagnoses queries for all pathogens (SARS-CoV-2, Influenza, and RSV) excludes free text fields and is limited to ICD-9, ICD-10, and SNOMED codes for these infections.
*Percent of visits with COVID-19, influenza, or RSV discharge diagnoses have now been combined into one map to provide an approximation of overall respiratory illness burden at emergency departments in each New Mexico county.
Laboratory Influenza Surveillance Data, 2023-2024

PCR Positive Results for Influenza

*Virus Characterization is based on data from the three most recent MMWR weeks. Influenza types with zero specimens collected were excluded.

There were no positive influenza specimens at SLD during week 40.

US viral characterization data will be provided after the first three weeks of the current respiratory disease season (late October).

*Virus Characterization is based on data from the three most recent MMWR weeks. Influenza types with zero specimens collected were excluded.
Rapid Influenza Diagnostic tests (RIDTs) are more likely to result in a false positive when community influenza activity is low. Early and late in the season, it is best to confirm a positive RIDT result by PCR.

* Data reported to NMDOH via a weekly online survey
Comprehensive hospitalization data for influenza and RSV this season have not yet been reported. Weekly and cumulative graphs for each pathogen will be provided when data becomes available. Data are expected around late October or November.
Weekly COVID-19 Hospitalization Rate, NM & US, 2023-2024*

Cumulative COVID-19 Hospitalization Rate, NM & US, 2023-2024*

*COVID-19 data is derived from COVID-NET. Additional information on COVID-NET can be found here: [COVID-NET Interactive Dashboard | CDC](https://www.cdc.gov/coronavirus/covid-data/covid-net.html)
## Pneumonia and Influenza (P & I) Deaths, NM, 2019-2024*

<table>
<thead>
<tr>
<th>Season</th>
<th>Pneumonia (P) Deaths</th>
<th>Adult Influenza (I) Deaths</th>
<th>Pediatric Influenza Deaths</th>
<th>Total P &amp; I Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023-2024</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2022-2023</td>
<td>179</td>
<td>83</td>
<td>2</td>
<td>264</td>
</tr>
<tr>
<td>2021-2022</td>
<td>180</td>
<td>16</td>
<td>1</td>
<td>197</td>
</tr>
<tr>
<td>2020-2021</td>
<td>157</td>
<td>3</td>
<td>0</td>
<td>160</td>
</tr>
<tr>
<td>2019-2020</td>
<td>187</td>
<td>62</td>
<td>5</td>
<td>254</td>
</tr>
</tbody>
</table>

**Pneumonia death:** Is defined as having a cause of death that is related to pneumonia & influenza (P & I) not including: aspiration pneumonia, pneumonitis, pneumococcal meningitis or pneumonia caused by COVID-19

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

* Death data is delayed up to 8 weeks, reporting period for each season is October 1 – May 15.
Influenza Vaccination Trends, NM, 2023-2024

*Vaccination data are derived from New Mexico State Immunization Information System (NMSIIS). While this serves as a centralized database for reporting vaccinations, not all vaccination activities are reported. As a result, vaccination data presented here are likely an underestimate. The New Mexico Immunization program estimates approximately 80% of vaccinations are reported to NMSIIS. Population estimates are derived from the University of New Mexico Geospatial and Population Studies data which is available through the New Mexico Indicator Based Information System (NM-IBIS). Data are pulled on a weekly basis but should be considered preliminary.
Still Need to Get Your Flu Shot?

Flu Vaccine Finder:  
https://www.vaccines.gov/find-vaccines/  
Or  
Contact your Primary Care Provider (PCP) or a local public health office (LPHO) near you:  
https://nmhealth.org/location/public/  

“Influenza is a serious disease that can lead to hospitalization and sometimes even death. Every flu season is different, and influenza infection can affect people differently, but millions of people get the flu every year, hundreds of thousands of people are hospitalized and thousands or tens of thousands of people die from flu-related causes every year. Even healthy people can get very sick from the flu and spread it to others. Flu-related hospitalizations since 2010 ranged from 140,000 to 710,000, while flu-related deaths are estimated to have ranged from 12,000 to 52,000. During flu season, flu viruses circulate at higher levels in the U.S. population in the United States can begin as early as October and last as late as May. An annual seasonal flu vaccine is the best way to reduce your risk of getting sick with seasonal flu and spreading it to others. When more people get vaccinated against the flu, less flu can spread through that community.”  
-Centers for Disease Control and Prevention

For Additional Vaccine Information/resources:  
FluVaxView:  
https://www.cdc.gov/flu/fluvaxview/index.htm  
Seasonal Influenza Vaccination Resources for Health Professionals:  
https://www.cdc.gov/flu/professionals/vaccination/index.htm  
Misconceptions about Flu Vaccines:  
https://www.cdc.gov/flu/about/qa/misconceptions.htm
# Data Notes

<table>
<thead>
<tr>
<th>Health Region</th>
<th>Participating Sentinel Sites (Facility name, City)</th>
<th>Syndromic Surveillance Hospitals (Facility name, City)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northwest</td>
<td>Acoma-Canoncito-Laguna Indian Health Services, Acoma; Dzilth Indian Health Services, Bloomfield</td>
<td>San Juan Regional Medical Center, Farmington; Cibola General Hospital, Grants</td>
</tr>
<tr>
<td>Northeast</td>
<td>Taos-Picuris Indian Health Services, Taos; Jicarilla Apache Indian Health Services, Dulce; Children’s Clinic PA, Los Alamos;</td>
<td>Alta Vista Regional Hospital, Las Vegas; Christus St. Vincent, Santa Fe; Los Alamos Medical Center, Los Alamos; Miners’ Colfax Medical Center, Raton; Union County General Hospital, Clayton; Guadalupe County Hospital, Santa Rosa; Presbyterian Hospital, Espanola</td>
</tr>
<tr>
<td>Metro</td>
<td>University of New Mexico Student Health Clinic, Albuquerque; Presbyterian Medical Group-Atrisco, Northside, Carmel Pediatric Urgent Care, Las Estancias Pediatric Urgent Care; DaVita Urgent Care, Journal Center</td>
<td>Lovelace Westside Hospital, Downtown Medical Center and Women’s Hospital, Albuquerque; UNM Health System, Albuquerque &amp; Rio Rancho; Presbyterian Hospital, Kaseman and Rust Medical Center, Albuquerque &amp; Rio Rancho; UNM Sandoval Regional Medical Center, Rio Rancho</td>
</tr>
<tr>
<td>Southwest</td>
<td>Gila Regional Medical Center, Silver City; Ben Archer Health Center –Columbus; Ben Archer Health Center –Las Cruces; Hidalgo Medical Services, Lordsburg; La Clinica de Familia, Sunland Park; La Clinica de Familia, Santa Teresa School Based Clinic, Santa Teresa; Mescalero Apache Indian Health Hospital, Mescalero</td>
<td>Mimbres Memorial Hospital, Deming; Mountain View Regional Medical Center, Las Cruces; Socorro General Hospital, Socorro; Gerald Champion Regional Medical Center, Alamogordo</td>
</tr>
<tr>
<td>Southeast</td>
<td>Roosevelt General Hospital Clinic, Portales;</td>
<td>Carlsbad Medical Center, Carlsbad; Eastern New Mexico Medical Center, Roswell; Lea Regional Medical Center, Hobbs; Artesia General Hospital, Artesia; Dan C Trigg Memorial Hospital, Tucumcari; Lincoln County Medical Center, Ruidoso; Lovelace Regional Hospital; Roswell; Nor-Lea Hospital District, Lovington; Plains Regional Medial Center, Clovis;</td>
</tr>
</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://164.64.110.134/parts/title07/07.004.0003.html](http://164.64.110.134/parts/title07/07.004.0003.html)
Found at the New Mexico State Records Center and Archives - Commission for Public Records

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For questions, please call 505-827-0006. For more information on influenza go to the NMDOH web page: [https://nmhealth.org/about/erd/ideb/isp/](https://nmhealth.org/about/erd/ideb/isp/) Or The CDC web page: [http://www.cdc.gov/flu/index.htm](http://www.cdc.gov/flu/index.htm)