

New Mexico Department of Health Influenza & Respiratory Disease Report

A Summary of Influenza and RSV Surveillance

New Mexico Influenza Geographic Spread*

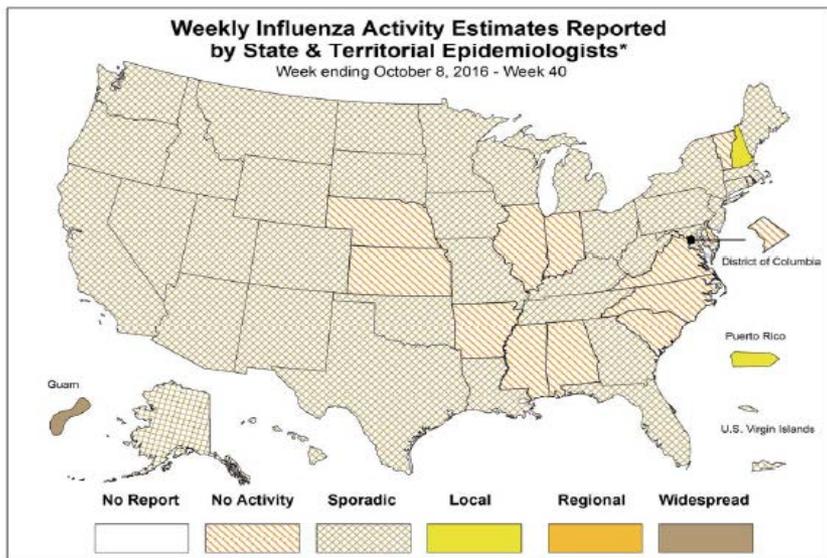
No Activity

Sporadic

Local

Regional

Widespread



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

Summary of Activity: Week 40 October 2-8, 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

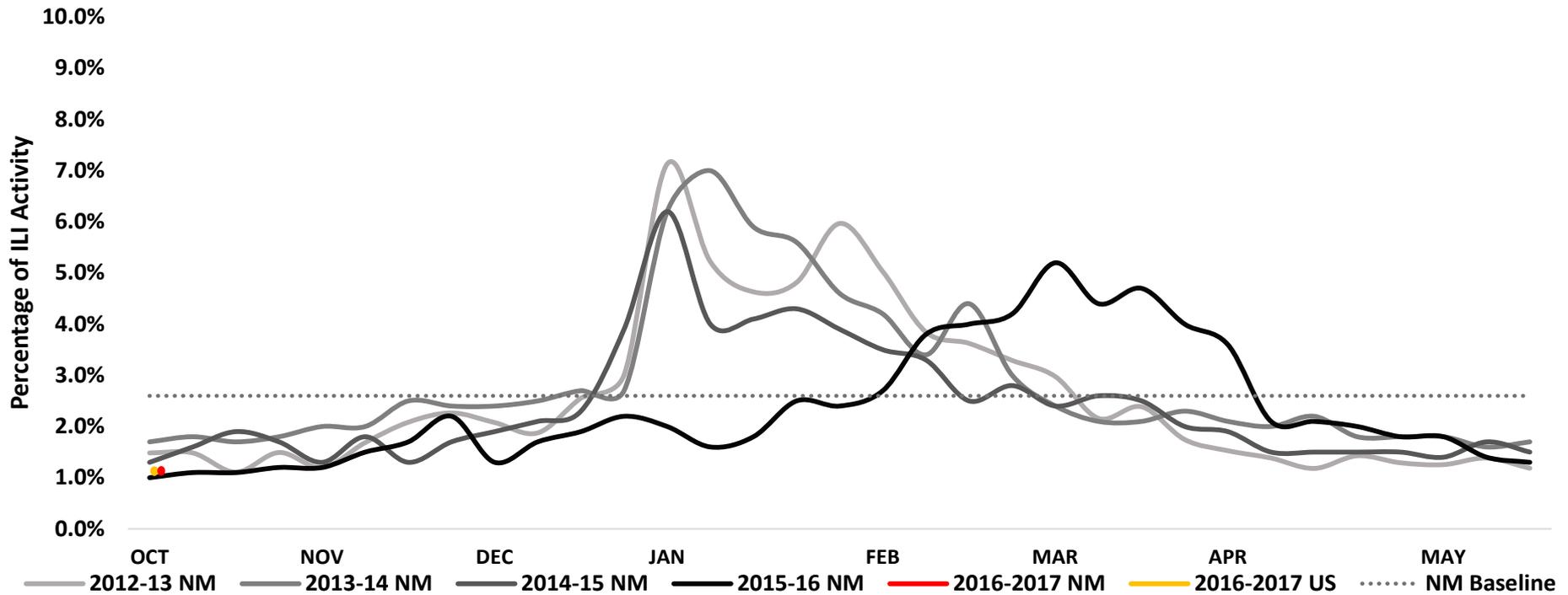
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Influenza-Like Illness (ILI) Activity

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.

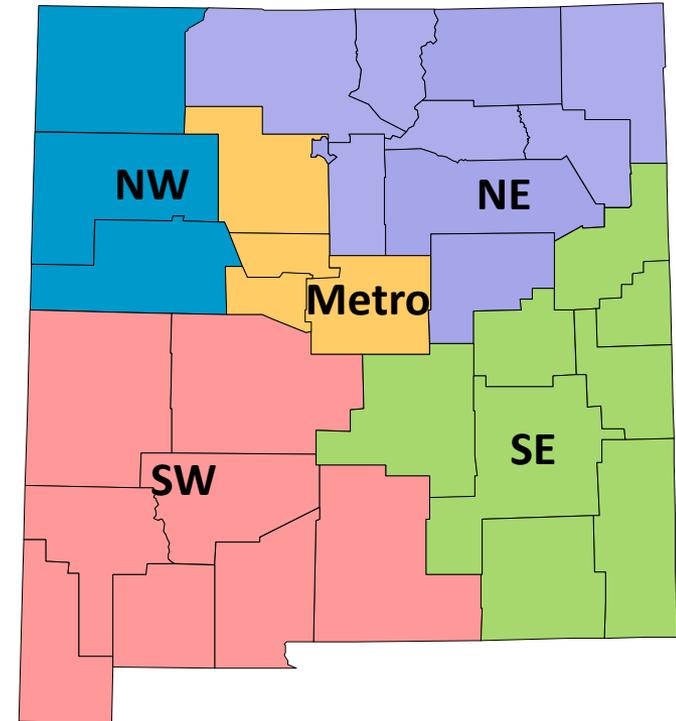
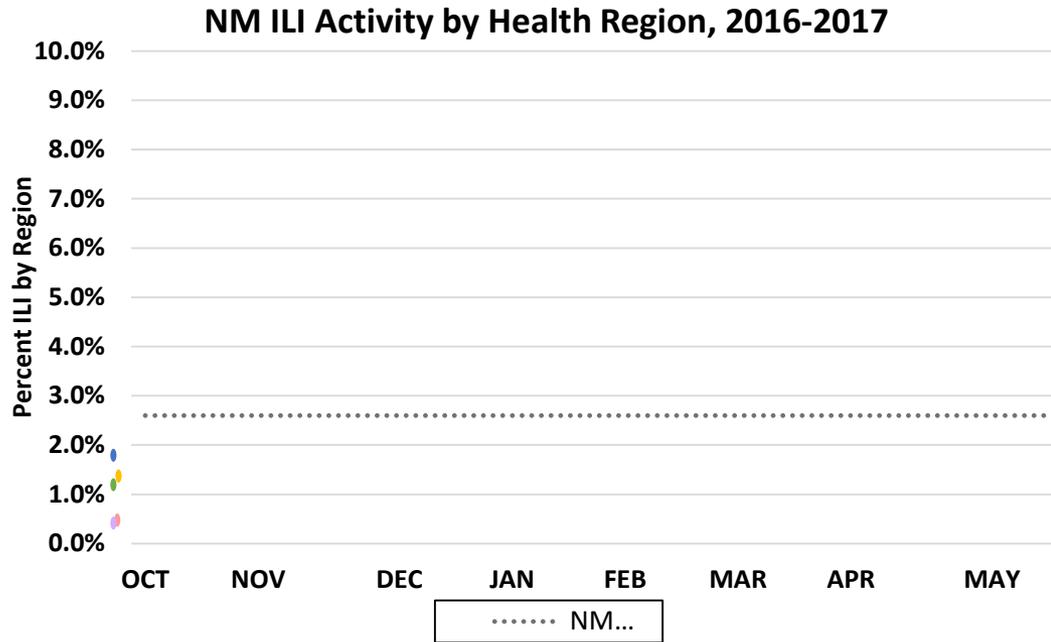
New Mexico and U.S. ILI Activity, 2012 to Present



% ILI, NM Week 40 Oct 2-8, 2016 (current Week)	% ILI, NM Week -- -- (previous week)	% ILI, US Week 40 Oct 2-8, 2016 (current week)
1.1%	--%	1.1%

* See appendix for 29 reporting sites

Regional ILI Activity



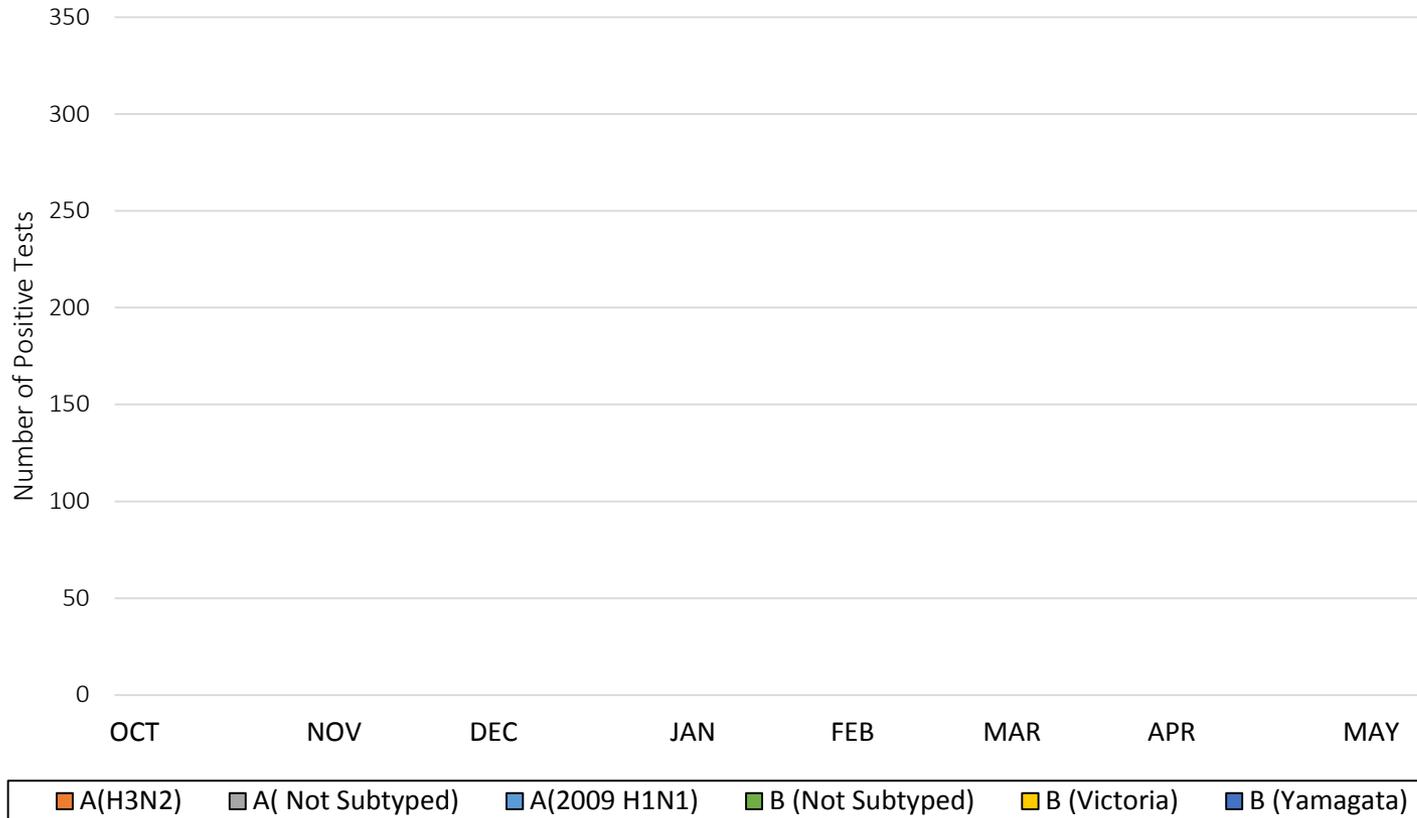
Region	This Week	Last Week	Outbreaks	+PCR testing at SLD
NW	2.0%	--%	No	No
NE	0.5%	--%	No	No
Metro	1.4%	--%	No	No
SW	0.5%	--%	No	No
SE	1.3%	--%	No	No

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).

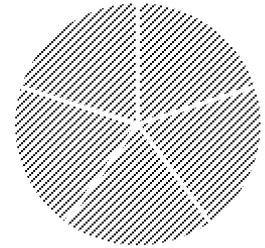
Laboratory Data & Virologic Surveillance

PCR Positive Results Among Hospital/Clinical Sites and Scientific Laboratory Division (SLD) , 2016-2017

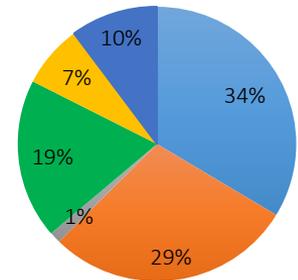


Since the start of the influenza season, four laboratories have reported 0 (0.0%) of 9 respiratory specimens testing positive for influenza by PCR. 0 (0.0%) of positive specimens were subtyped as A(H1N1), 0 (0.0%) were A(H3N2), 0 (0.0%) of influenza A specimens were not subtyped. 0 (0.0%) tested positive influenza B, (not subtyped), 0 (0.0%) positive specimens were identified as B(Victoria) and 0 (0.0%) as B(Yamagata).

NM subtyping performed at SLD

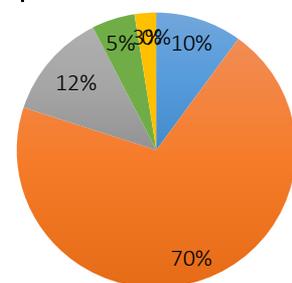


2016-2017



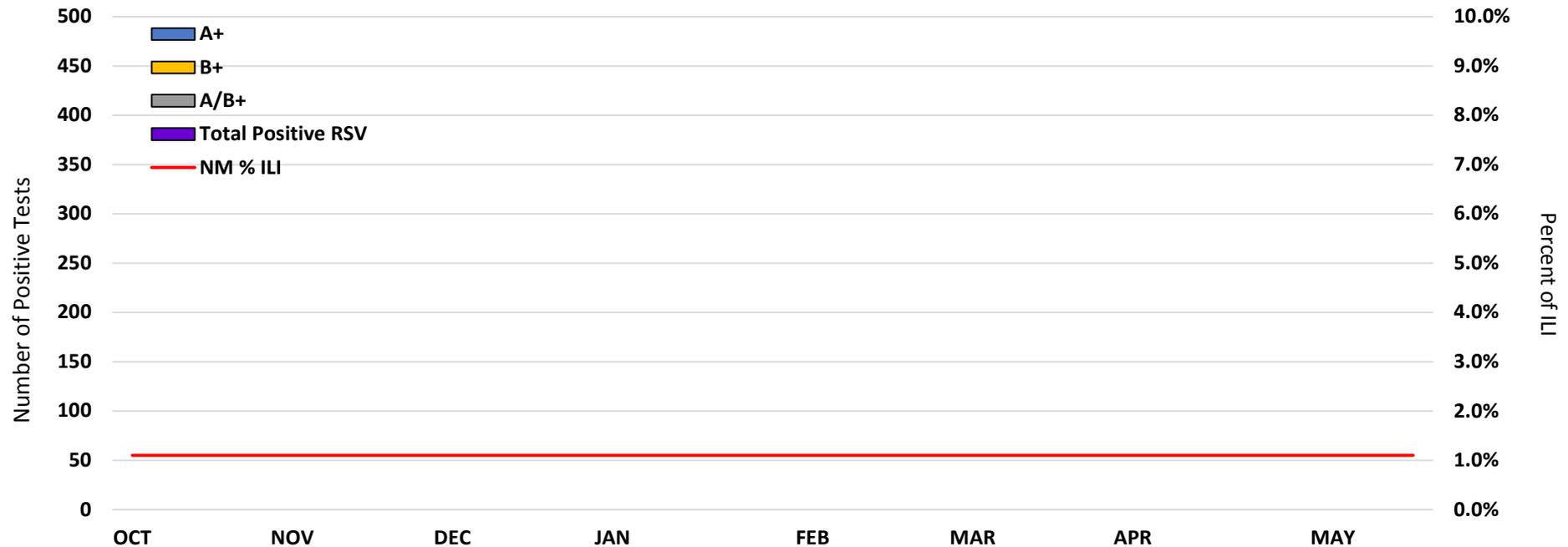
2015-2016

U.S. Virus characterization performed at CDC



2016-2017

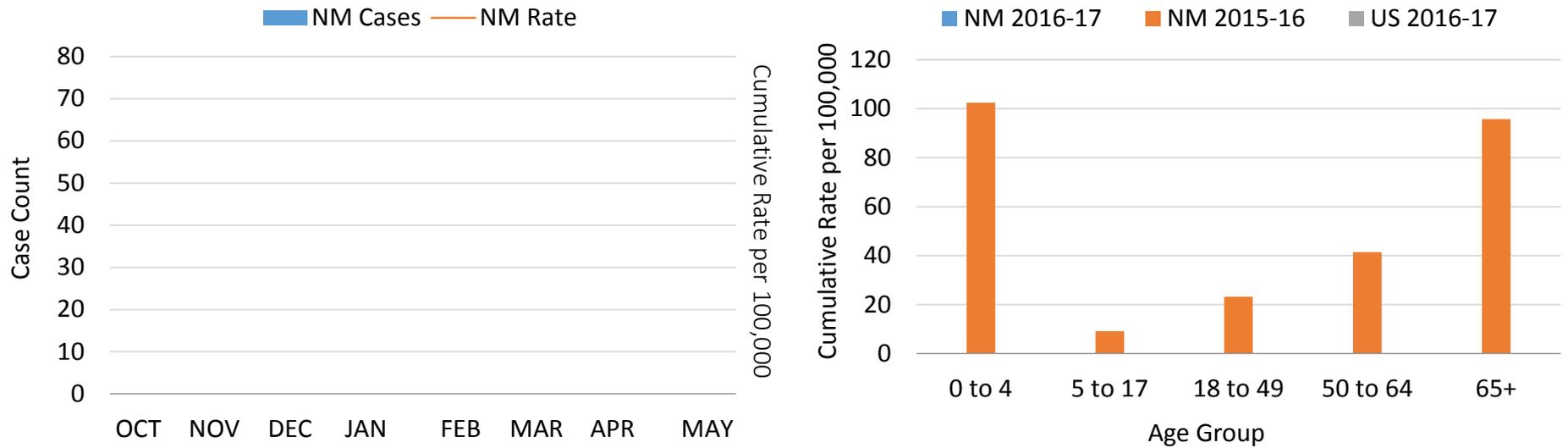
RSV and Rapid Influenza Laboratory Data 2016-2017



Laboratory Sites Participating in Rapid influenza Data Collection (Facility name, City)		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	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;	
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	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	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	Quest Diagnostic Laboratory, Albuquerque	
SW	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	Gerald Champion, Alamogordo	
SE	Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales	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



Influenza and Pneumonia Deaths, NM, 2014-2016

Season	Year to date (YTD) P & I Deaths	Pneumonia Deaths 2015-2016	Adult Flu Deaths 2015-2016	Pediatric Flu Deaths 2015-2016	Total P & I Deaths
2016-2017	0	0	0	0	0
2015-2016	189	159	30	1	189
2014-2015	185	152	32	1	185

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 influenza*.

Vaccination Information and Data

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>

Health Region	Participating Sentinel Sites (Facility name, City)
Northwest	San Juan Regional Medical Center, Farmington and Acoma-Canoncito-Laguna Indian Health Hospital, Acoma
Northeast	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
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
Southwest	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
Southeast	Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales

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>



Report published by New Mexico Department of Health (NMDOH), Epidemiology and Response Division (ERD) Infectious Disease Epidemiology Bureau (IDEB)

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/> Or The CDC web page: <http://www.cdc.gov/flu/index.htm>