

New Mexico Department of Health Influenza & Respiratory Disease Report, 2017-2018

A Summary of Influenza and RSV Surveillance in New Mexico

New Mexico Influenza Geographic Spread*

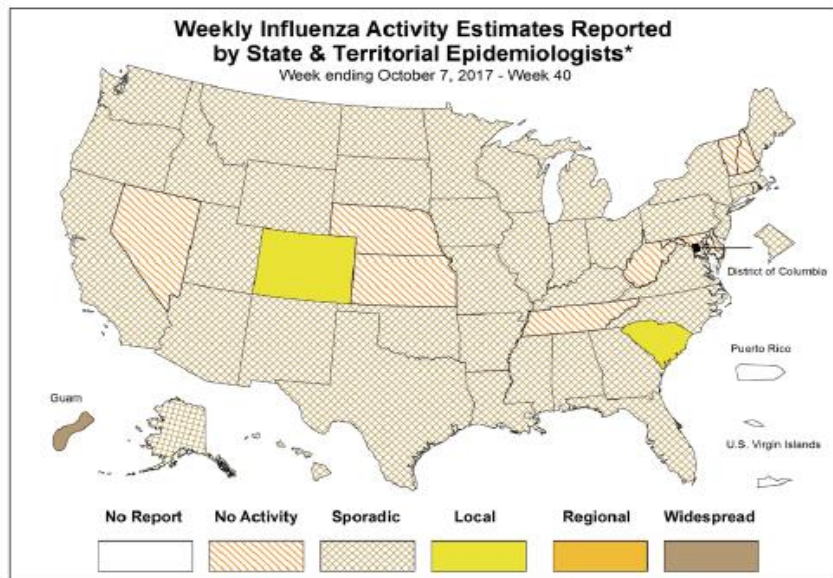
No Activity

Sporadic

Local

Regional

Widespread



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

Summary of Activity: Week 40 October 1st -7th, 2017

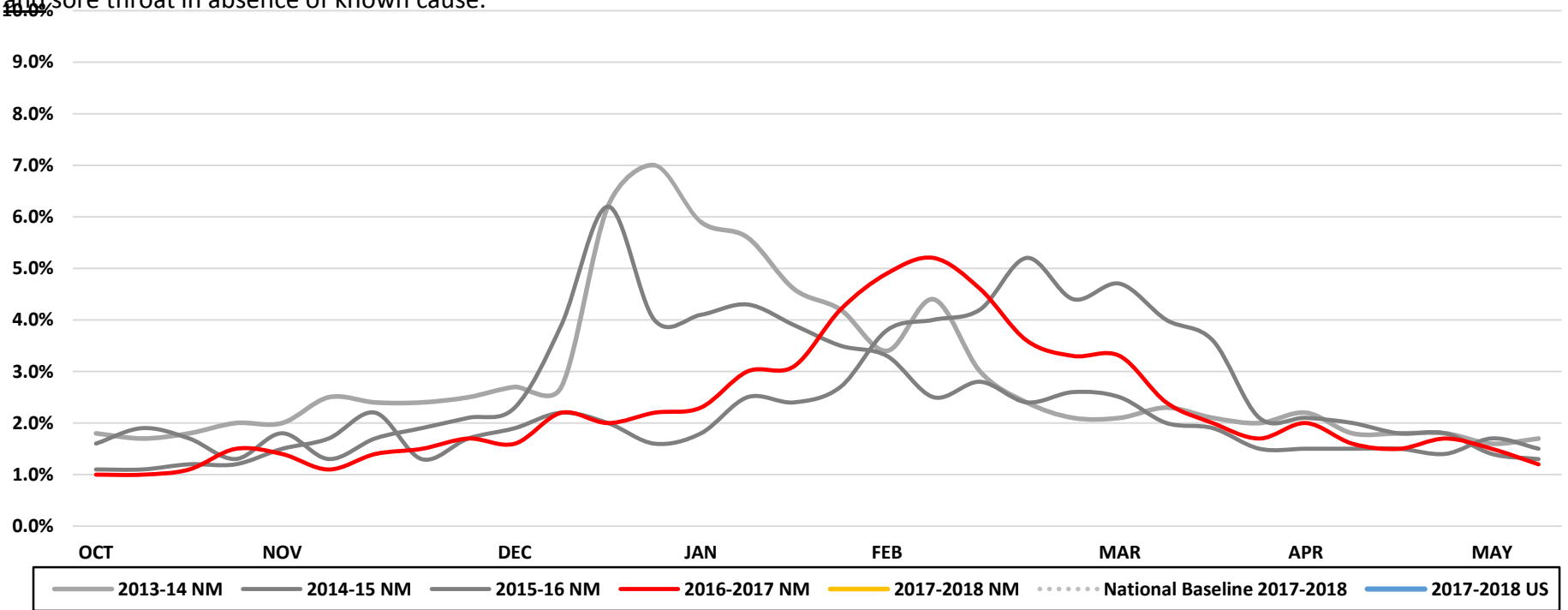
- New Mexico ILI activity is currently 0.3% which is below the national baseline of 2.2%
- US ILI is 1.4% which is below the national baseline of 2.2%%
- Influenza activity is below the NM baseline of 2.6% in all health regions
- There was no PCR confirmed lab activity from the Scientific Laboratory Division (SLD) in any of the health regions this week
- There were no influenza-related outbreaks reported this week

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Influenza-Like Illness (ILI) Activity, 2013 to Present

New Mexico Department of Health (NMDOH) is collaborating with 27* ILI sentinel sites and 15 syndromic surveillance sites for the 2017-2018 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 > 100° F and cough and sore throat in absence of known cause.

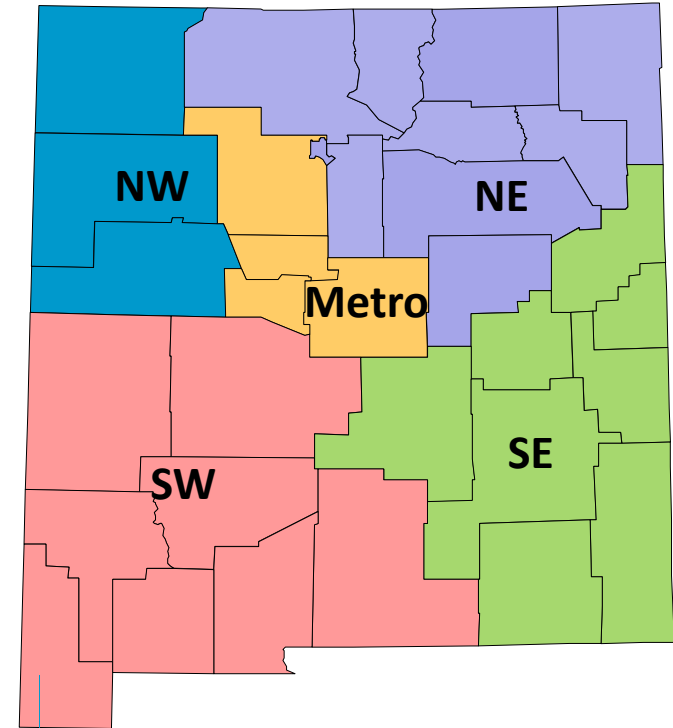
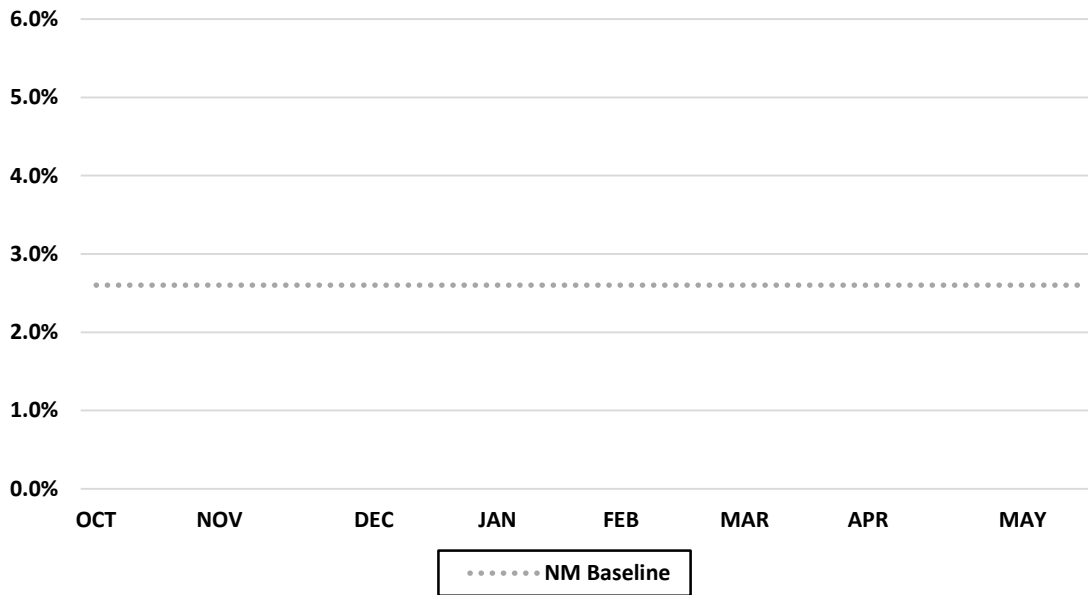


% ILI, NM Week 40 Oct 1 st – Oct 7 th , 2017 (current Week)	% ILI, NM Week -- (previous week)	% ILI, US Week 40 Oct 1 st – Oct 7 th , 2017 (current week)
0.3%	--	1.4%

* See appendix for 27 reporting sites

Regional Influenza-Like Illness (ILI) Activity

NM ILI Activity by Health Region, 2017-2018



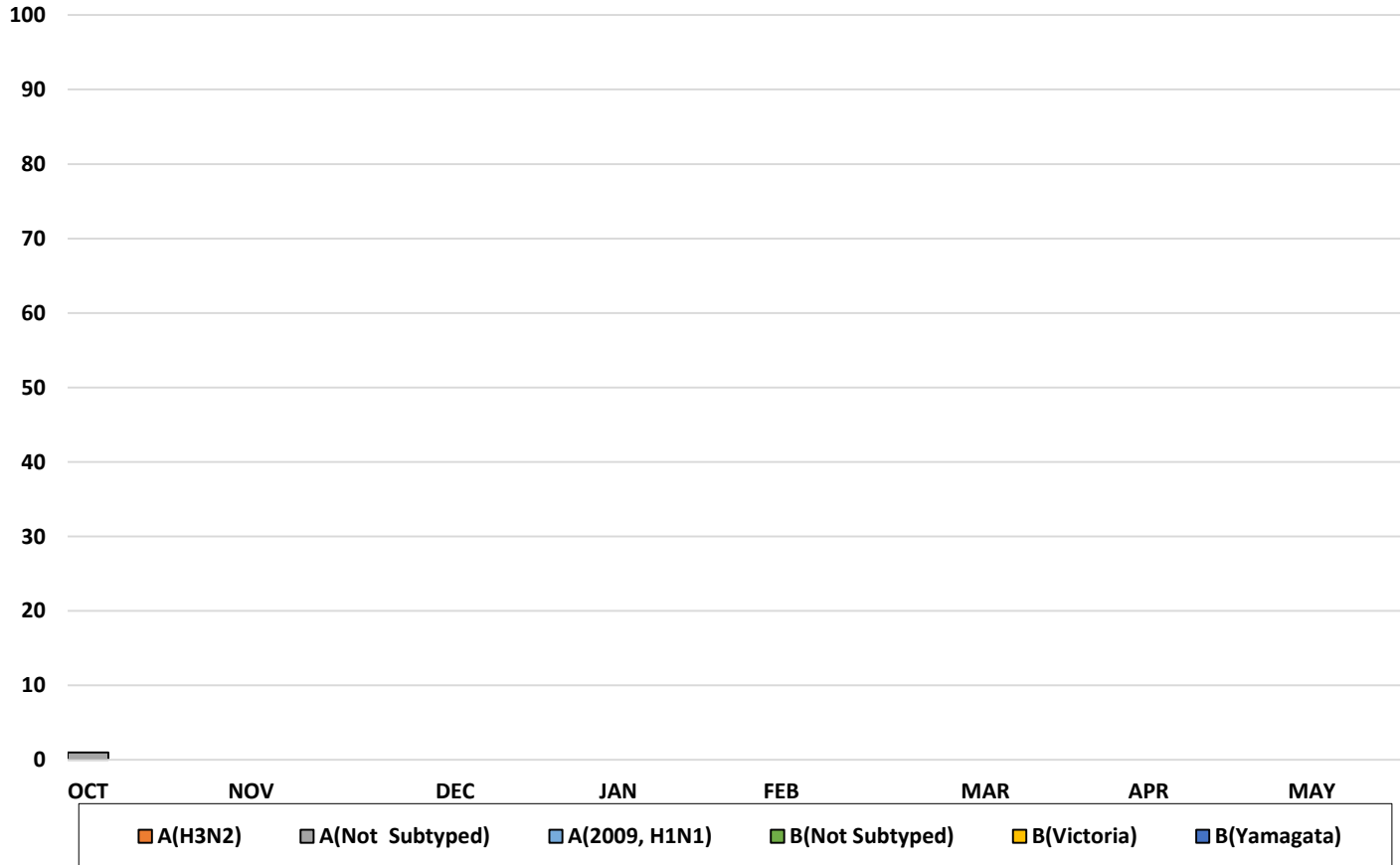
Region	This Week	Last Week	Outbreaks	+PCR testing at SLD
NW	0.0%	--	No	No
NE	0.1%	--	No	No
Metro	0.1%	--	No	No
SW	0.0%	--	No	No
SE	0.1%	--	No	No

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 various laboratories across New Mexico.

Laboratory Data & Virologic Surveillance, 2017-2018

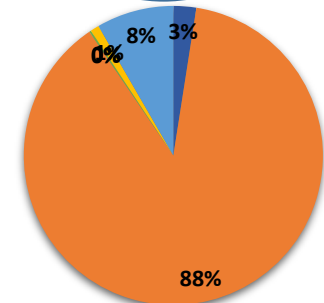
PCR Positive Results among Hospital/Clinical Sites and Scientific Laboratory Division, 2017-2018



Since the start of the 2017-2018 influenza season, laboratories have reported that a total of 1 out of 213 respiratory specimens have tested positive for influenza by PCR. 0 specimens were subtyped as A(H1N1), 0 were A(H3N2), one influenza A specimen was not subtyped. Zero tested positive as influenza B not subtyped, 0 positive specimens were identified as B(Victoria) and 0 as B(Yamagata).

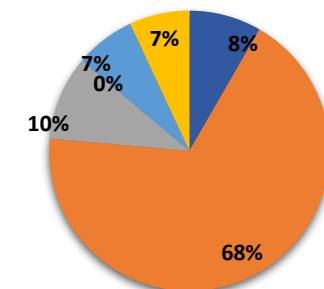
NM subtyping performed at SLD

No data available for 2017-2018 season



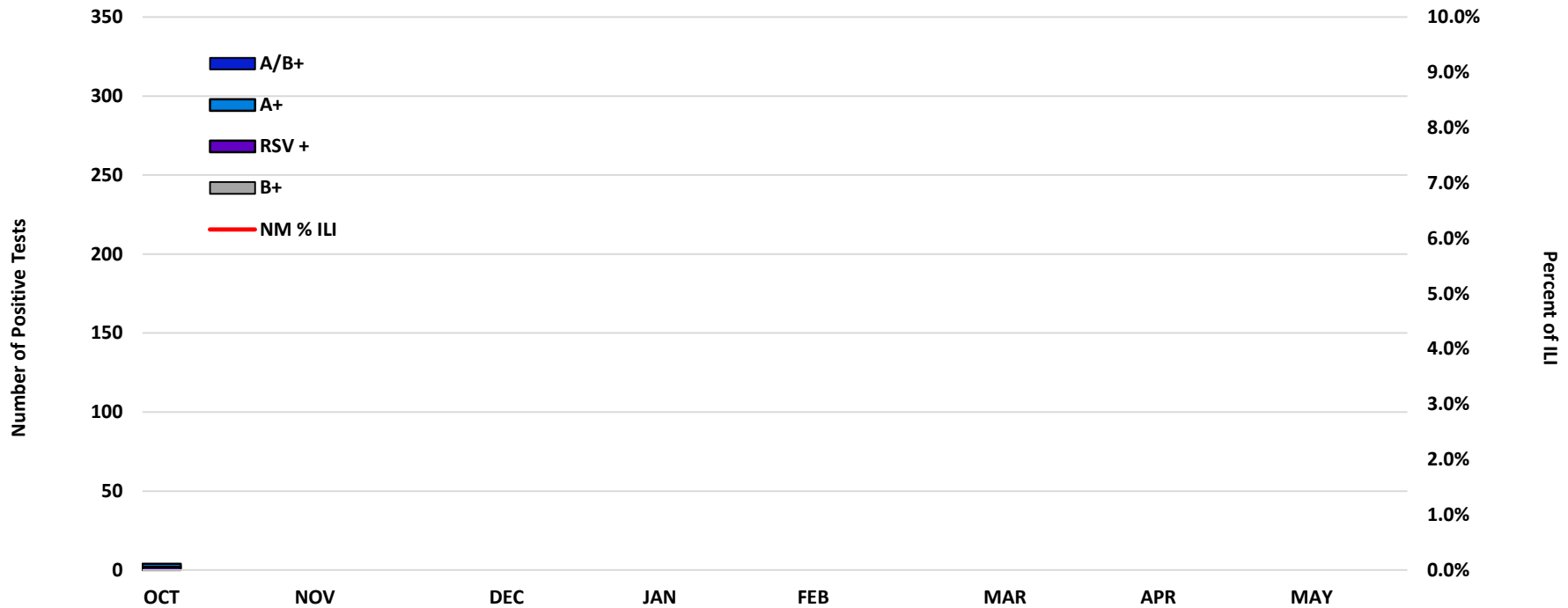
2016-2017 NM

U.S. virus characterization performed at CDC



2017-2018 US 4

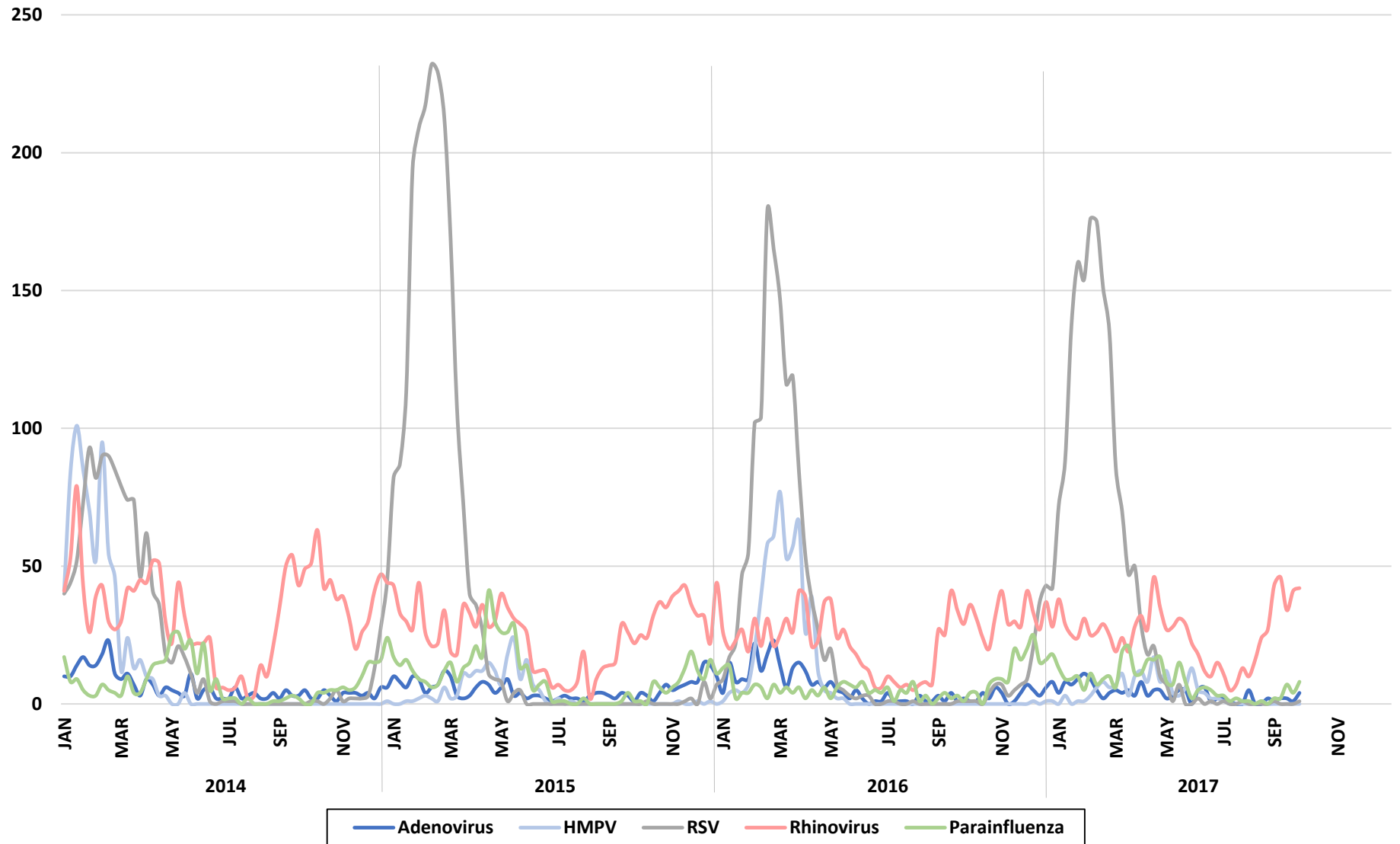
RSV and Rapid Influenza Laboratory Data, 2017-2018



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

Non-Influenza Respiratory Disease Surveillance, 2014-2017



* Data is not representative of all facilities in New Mexico

Influenza Hospitalizations, NM & US, 2017-2018

No data available for 2017-2018 season at this time

Influenza and Pneumonia Deaths, NM, 2014-2017

Season	Year to date (YTD) P & I Deaths	Pneumonia Deaths	Adult Flu Deaths	Pediatric Flu Deaths	Total P & I Deaths
2017-2018	0	0	0	0	0
2016-2017	222	195	27	0	222
2015-2016	190	159	30	1	190

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*.

Influenza Vaccination Information

Still Need to Get Your Flu Shot?

HealthMap Vaccine Finder:

<http://vaccine.healthmap.org/>

Or

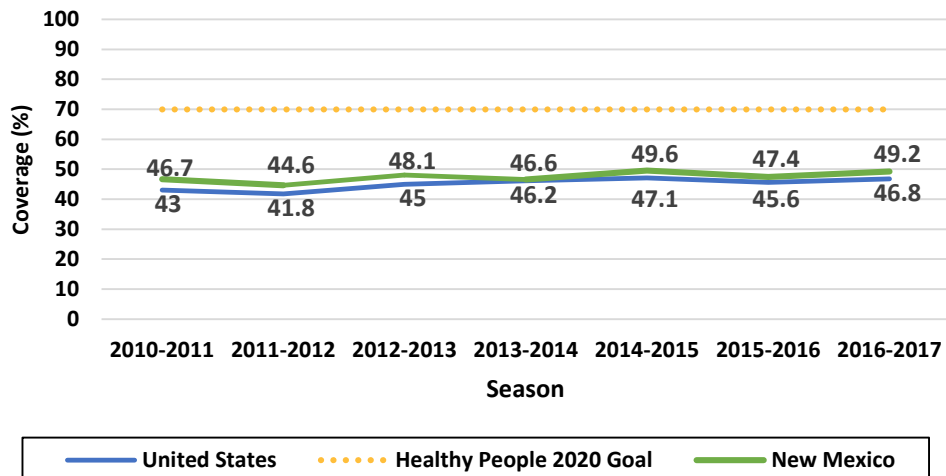
Contact your Primary Care Provider (PCP) or a local public health office (LPHO) near you:

<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 56,000. 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

New Mexico and National Vaccination Coverage by Season, Age >6 months, 2010-2017



For Additional Vaccine Information:

FluVaxView:

<https://www.cdc.gov/flu/fluvoxview/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>

Appendix

Health Region	Participating Sentinel Sites (Facility name, City)	Syndromic Surveillance Hospitals (Facility name, City)
Northwest	Acoma-Canoncito-Laguna Indian Health Hospital, Acoma; Dzilth Health Center, Bloomfield	San Juan Regional Medical Center, Farmington
Northeast	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 Centers, Deming and Dona Ana; La Clinica de Familia, Sunland Park; Mescalero Apache Indian Health Hospital, Mescalero; New Mexico Mining and Technology Institute, Socorro, Hobbs; Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales	
Southeast	Eastern New Mexico Medical Center, Roswell; Roosevelt General Hospital Clinic, Portales	Carlsbad Medical Center, Carlsbad; Lea Regional Medical Center

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>