

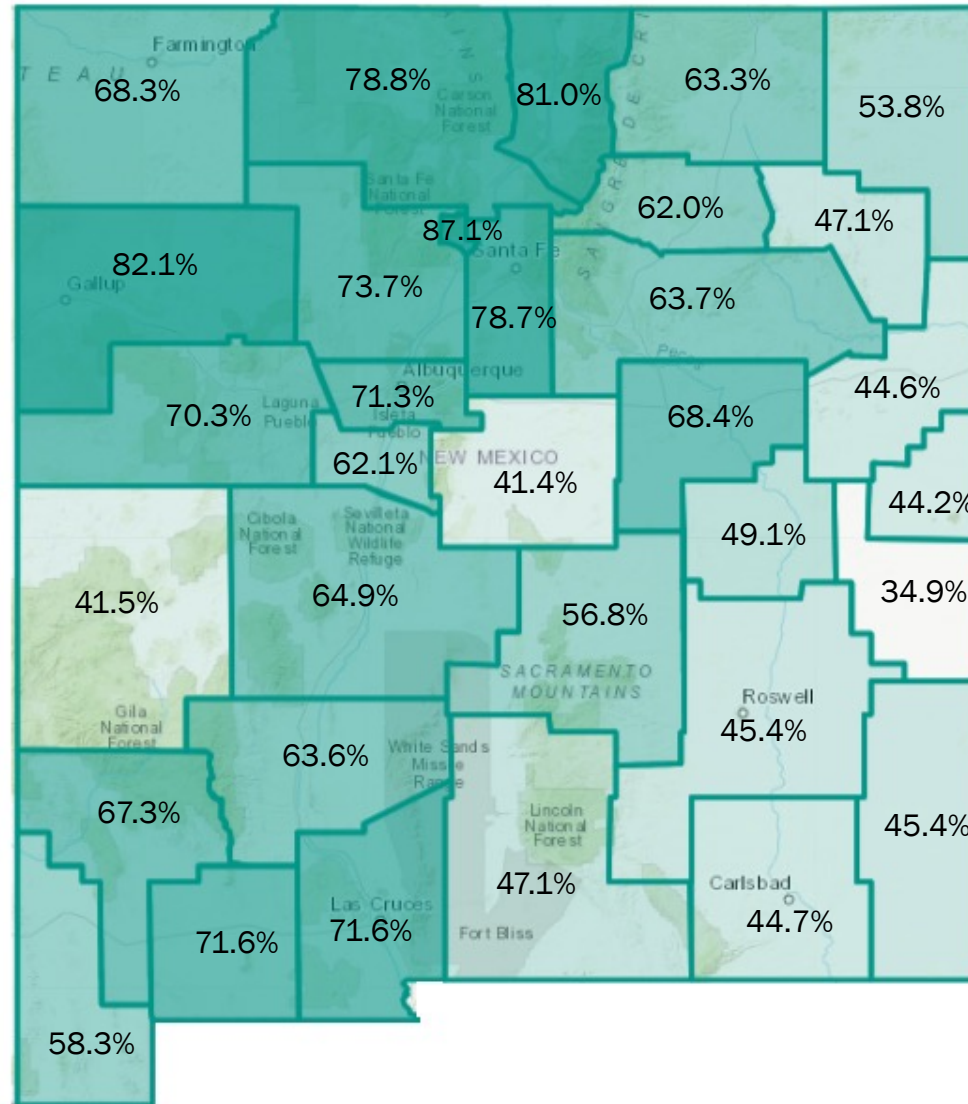
COVID-19 Day 540 Press Update

September 1, 2021

DOH Acting Secretary David R. Scrase, MD
DOH Deputy Secretary, Laura C. Parajón, MD, MPH
DOH State Epidemiologist Christine Ross, MD, MPH

Percent of Fully Vaccinated Individuals (18+)
by NM County, 09/01/21

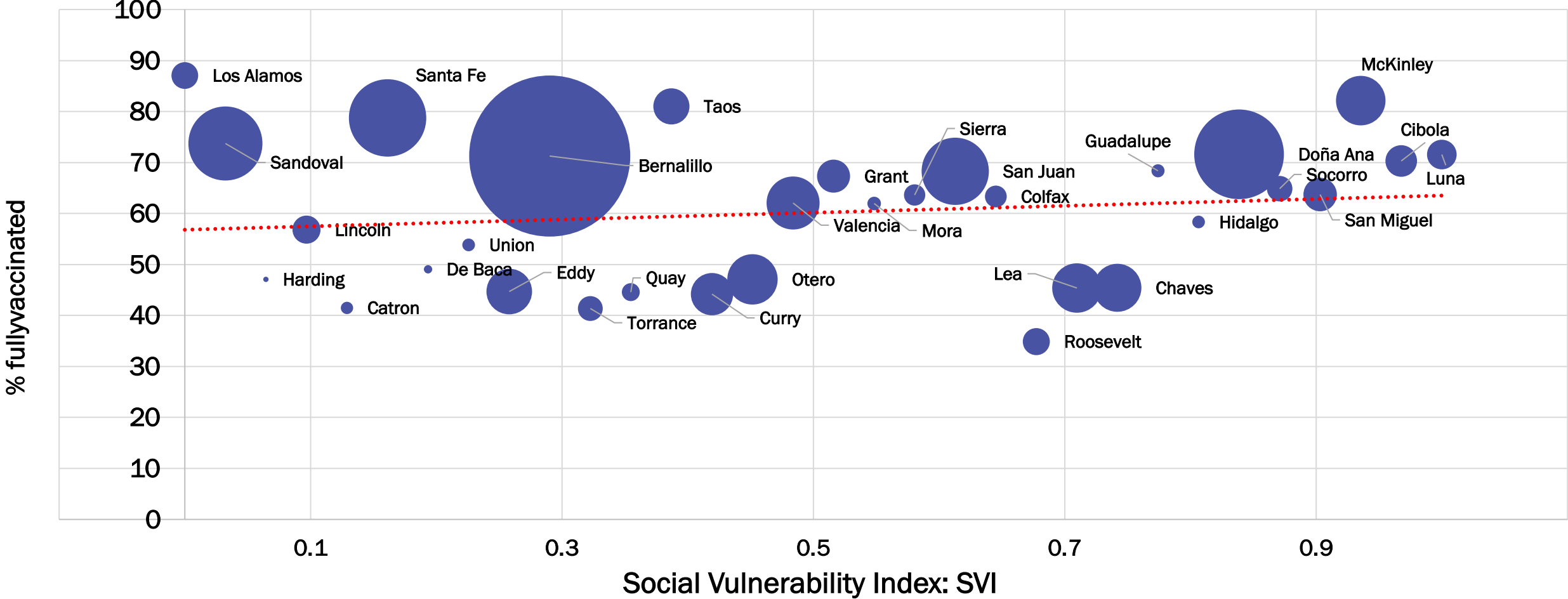
- **77.6%** of New Mexicans (18+) have **received at least a first dose**
- **67.7%** of New Mexicans (18+) are **fully vaccinated**
- **Coming soon:** We are working on dashboard updates to reflect additional doses



Source: [New Mexico COVID-19 Vaccine Dashboard](#) 09/01/21

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New Mexico is vaccinating our most vulnerable counties!



SVI=Group of 15 indicators including poverty, transportation, and crowded housing



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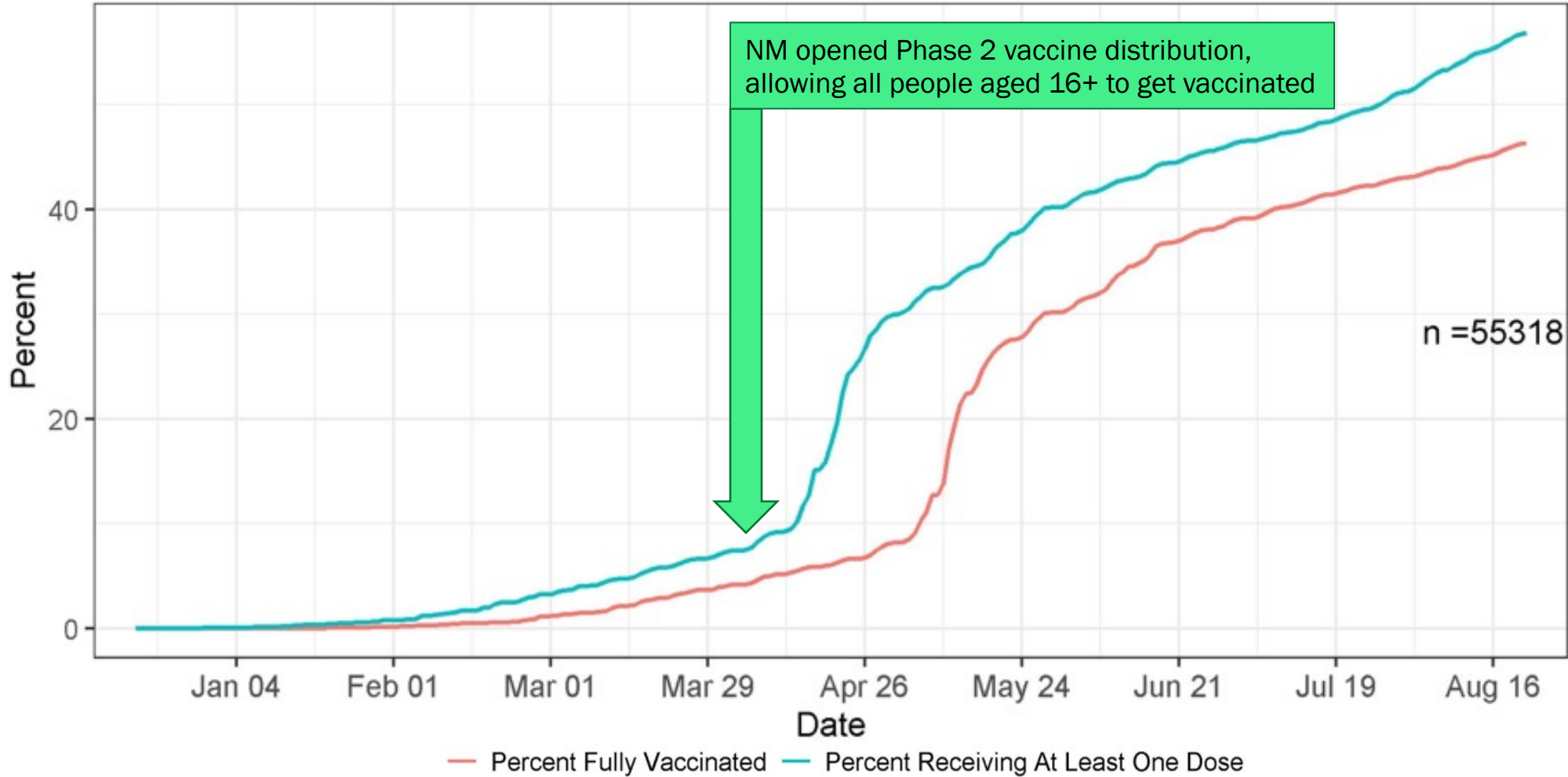
How are we doing for kids?

Vaccinations among young people

- **59.8%** of New Mexicans (12-17) have received at least a first shot
- **47.4%** of New Mexicans (12-17) are fully vaccinated

Age Group	Population	Number of Individuals Fully Vaccinated 8/31/21	Percent of Population Fully Vaccinated 8/31/21
12-15 years	111,516	45,394	40.7%
16-17 years	55,318	26,810	48.5%
18-24 years	196,553	87,300	44.4%
25-39 years	420,690	216,131	51.4%
40-64 years	629,370	422,122	67.1%
65+ years	378,676	290,948	76.8%

Vaccination Progress - Ages 16 to 17

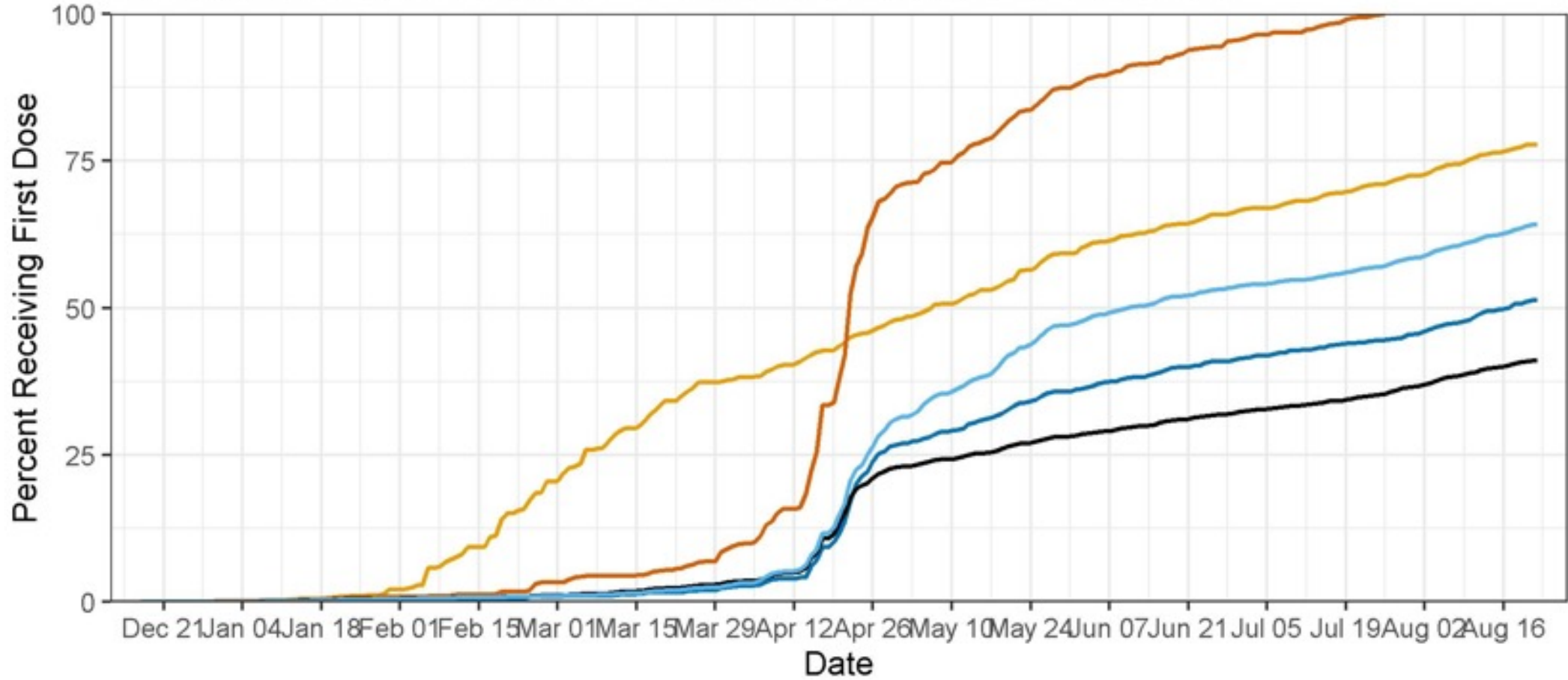


Source: Data are drawn from the NM State Immunization Information System (NMSIIS) and include only residents of NM.

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Cumulative Percent of 16- to 17-Year-Olds Receiving First Dose



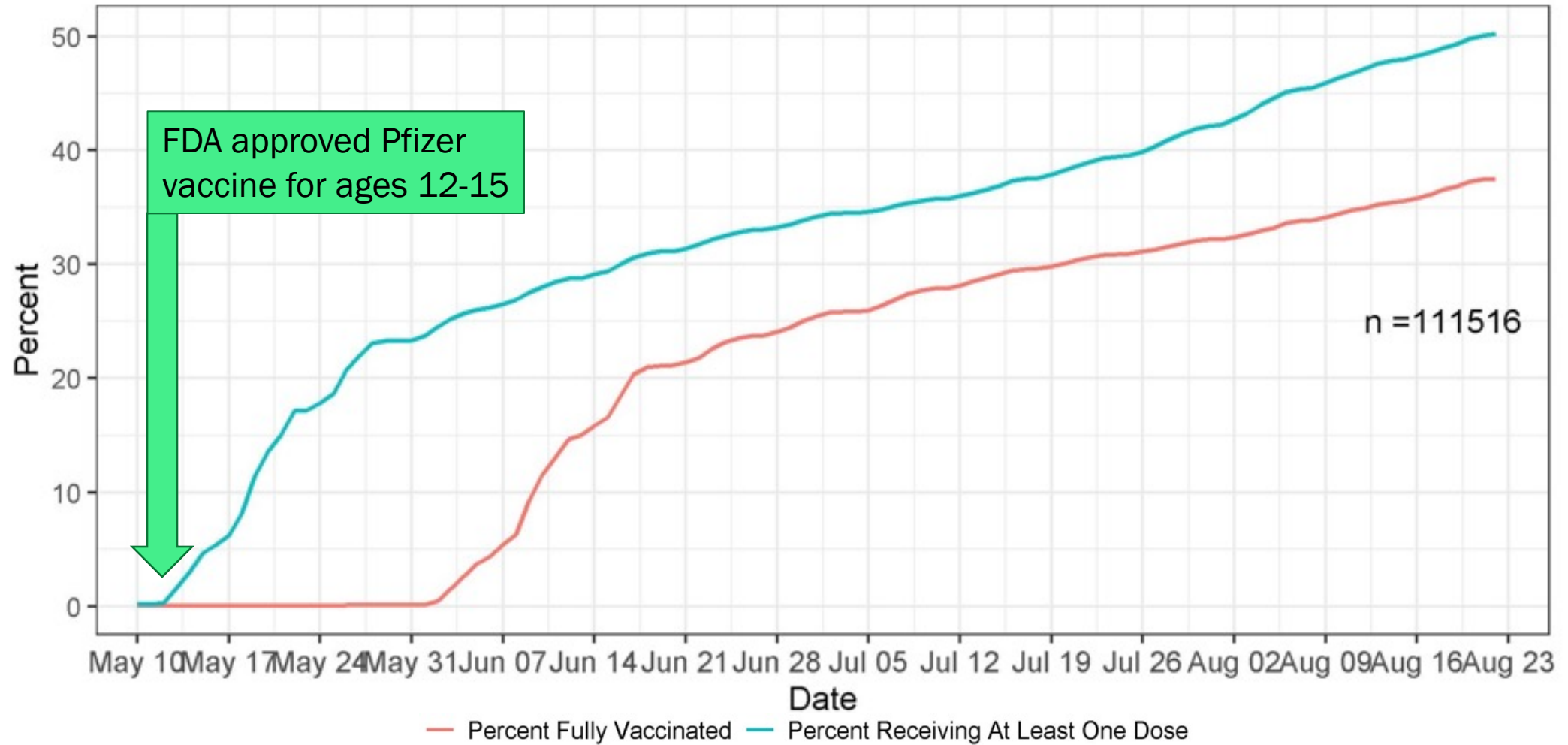
Race/Ethnicity
— American Indian or Alaska Native — Black or African American — White
— Asian or Pacific Islander — Hispanic or Latino

Source: Data are drawn from the NM State Immunization Information System (NMSIIS) and include only residents of NM.

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Vaccination Progress - Ages 12 to 15

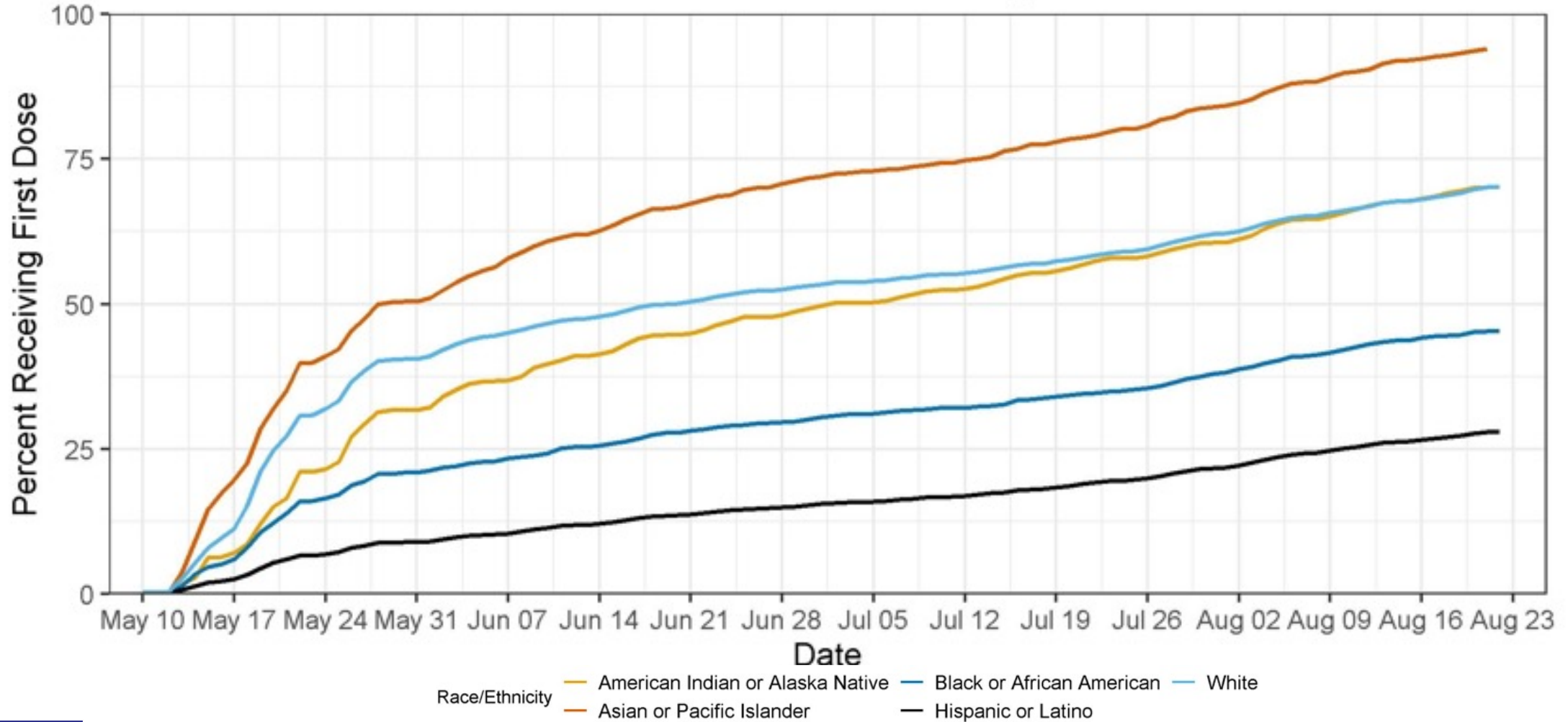


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Cumulative Percent of 12- to 15-Year-Olds Receiving First Dose



Source: Data are drawn from the NM State Immunization Information System (NMSIIS) and include only residents of NM.

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Common Concerns and Questions about COVID-19 Vaccine for Children

COVID-19 vaccines are safe for children

- FDA approved the Pfizer vaccine for 12-15 year-olds on 05/10/21
- Pfizer vaccine was studied in more than 2,200 children ages 12-15
- Clinical trial data show vaccine to be safe and effective
- Approval took longer because there are more safety precautions taken for children



Teenager, receives a dose of the Pfizer-BioNTech COVID-19 coronavirus vaccine. Photo by JACK GUEZ / ... [+] AFP VIA GETTY IMAGES

COVID-19 vaccines do not alter children's DNA

- None of the COVID-19 vaccines alter or interact with DNA
- Vaccines work by delivering instructions to our cells to start building protection against the virus



COVID-19 vaccines do not affect children's future fertility

- There is no evidence that vaccines affect fertility in children or adults
- In a recent in vitro fertilization (a type of fertility treatment) study, researchers compared pregnancy success rates among three groups of women:
 - Antibodies from having been vaccinated against COVID-19
 - Antibodies from having a recent infection with the virus that causes COVID-19
 - No antibodies from either having a recent infection with the virus that causes COVID-19 or from having been vaccinated against COVID-19
- The study found no differences in pregnancy success rates among the three groups



My child already had COVID-19. Do they need to get the vaccine?

YES

- Experts do not know how long someone is protected from getting COVID-19 after infection
- It is possible to get infected with COVID-19 again even after recovering
- You can get vaccinated 10 days after a COVID-19 infection



“Should I be worried about myocarditis or pericarditis in my child after a vaccine?”

- Myocarditis is inflammation of heart muscle
- Pericarditis is inflammation of lining of the heart
- Extremely rare side effect
- Leading doctors, nurses, experts from ACIP strongly agree that vaccine is safe for children



Your child is at higher risk to get COVID than to develop myocarditis or pericarditis after vaccination.



Myocarditis and pericarditis is actually more common if you get COVID-19 and the risks to the heart are more severe.



Cases of myocarditis and pericarditis from the vaccine tend to be mild and most recover on their own.

“Should I be worried about side effects of the vaccine for my child?”

- Some people experience no side effects after vaccine
- Common side effects last 1-2 days after vaccine

On the arm where you got the shot:



- Pain
- Redness
- Swelling

Throughout the rest of your body:



- Tiredness
- Headache
- Muscle pain
- Chills
- Fever
- Nausea

“What should I do for my child if they experience side effects?”

Talk to your provider about taking over the counter medicine like ibuprofen, acetaminophen, or antihistamines for any pain or discomfort

To reduce pain and discomfort where you got the shot



- Apply a clean, cool, wet washcloth over the area.
- Use or exercise your arm.

To reduce discomfort from fever



- Drink plenty of fluids.
- Dress lightly.

“Can my child get a COVID vaccine while getting other childhood vaccines?”

YES!!

- Your child can get the COVID-19 vaccines and other vaccines during the SAME visit
- New data shows that our bodies develop additional protection after getting vaccinated
- Possible side effects are the same when given alone or together





Fewer childhood vaccines have been given during the COVID-19 pandemic*

To avoid outbreaks of vaccine-preventable diseases and keep children protected, **vaccinations and well-child visits are essential**

*Compared with January-April, 2019

“What is the difference between additional doses and booster doses?”

Additional Dose

Purpose: Additional shot to help build an effective immune response against severe infection and death

Who Qualifies?

People who are immunocompromised and less likely to mount an effective response to vaccine

When can I get shot?

At least 28 days after second shot

Booster Dose

Purpose: To “boost” immunity from waning antibodies from vaccine

Who Qualifies?

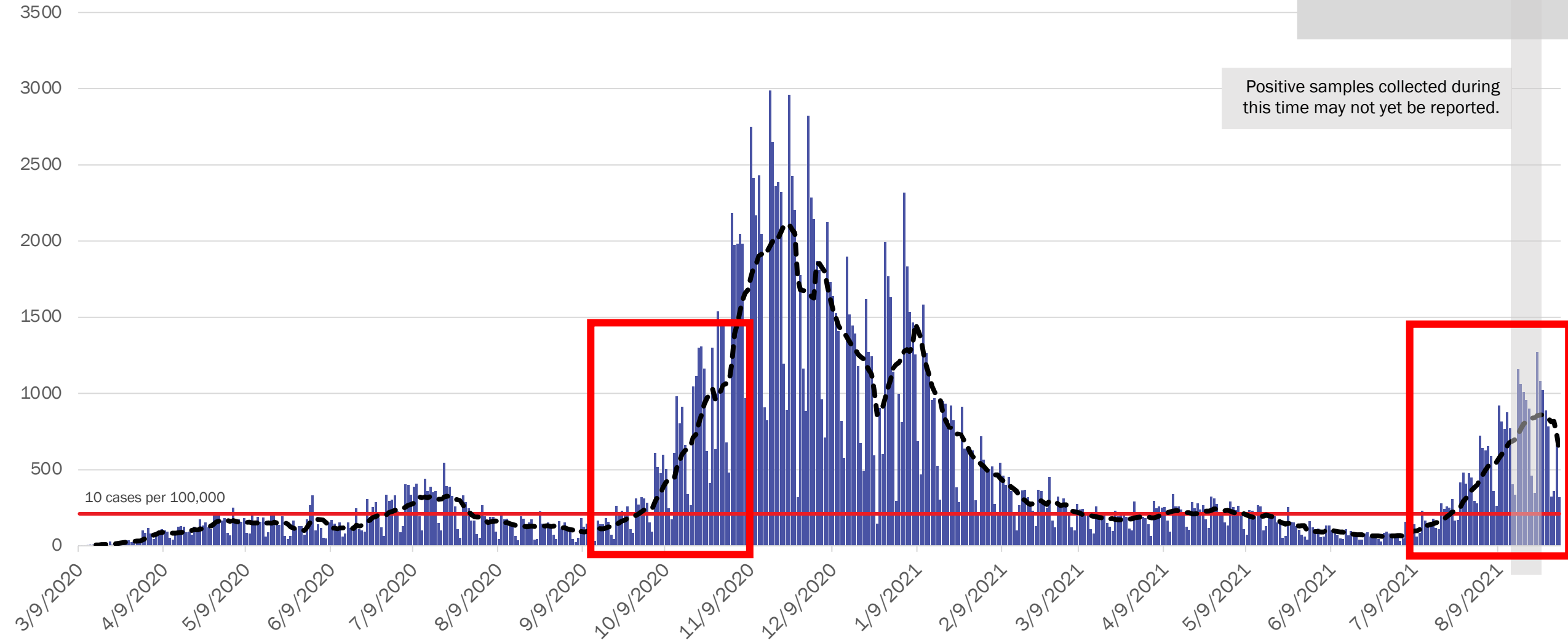
No one yet

When Can I get the Shot?

Still waiting for final data and recommendations from CDC later this month

NM COVID-19 Cases

New Mexico COVID-19 Cases by Date of Specimen Collection September 1, 2021

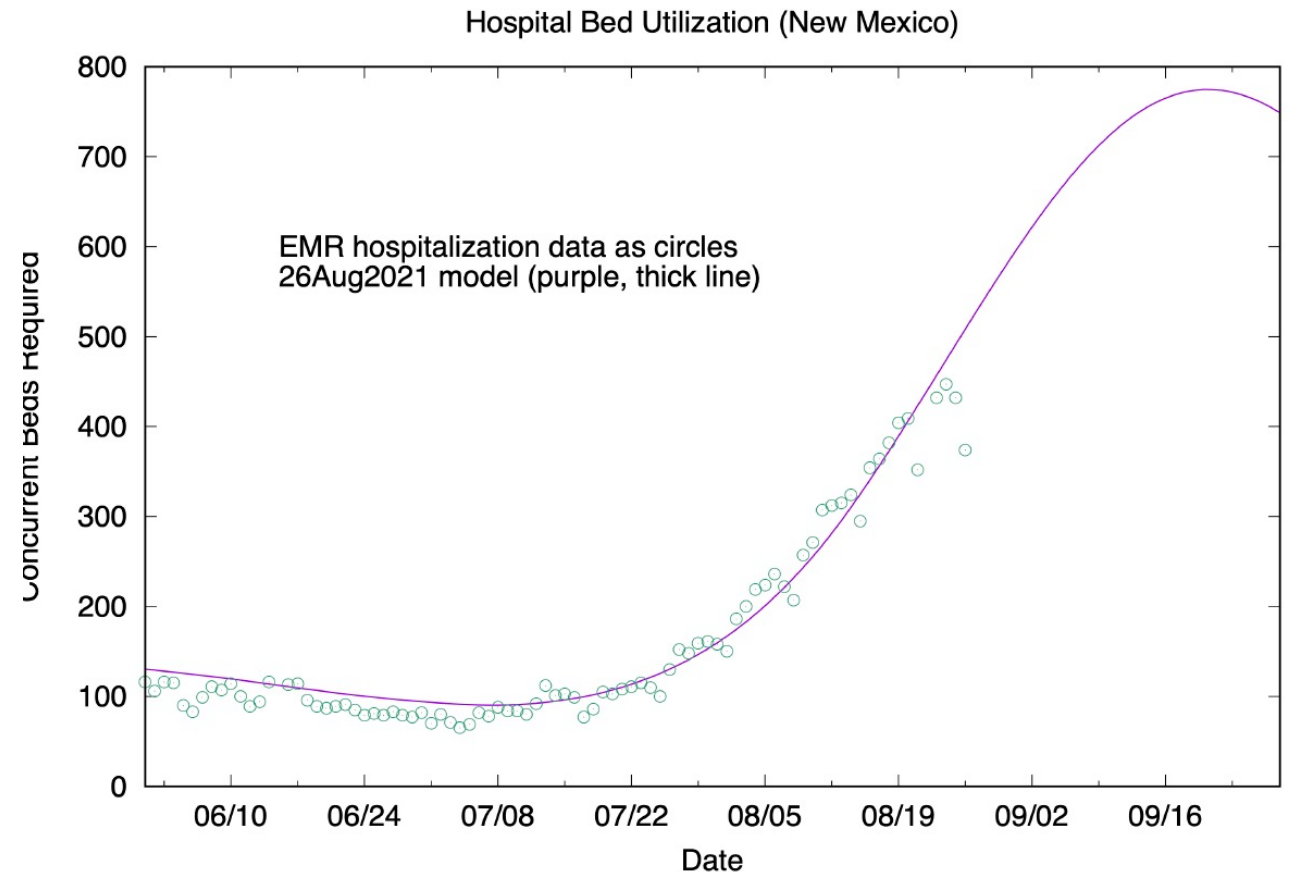


Positive samples collected during this time may not yet be reported.



LANL Projection

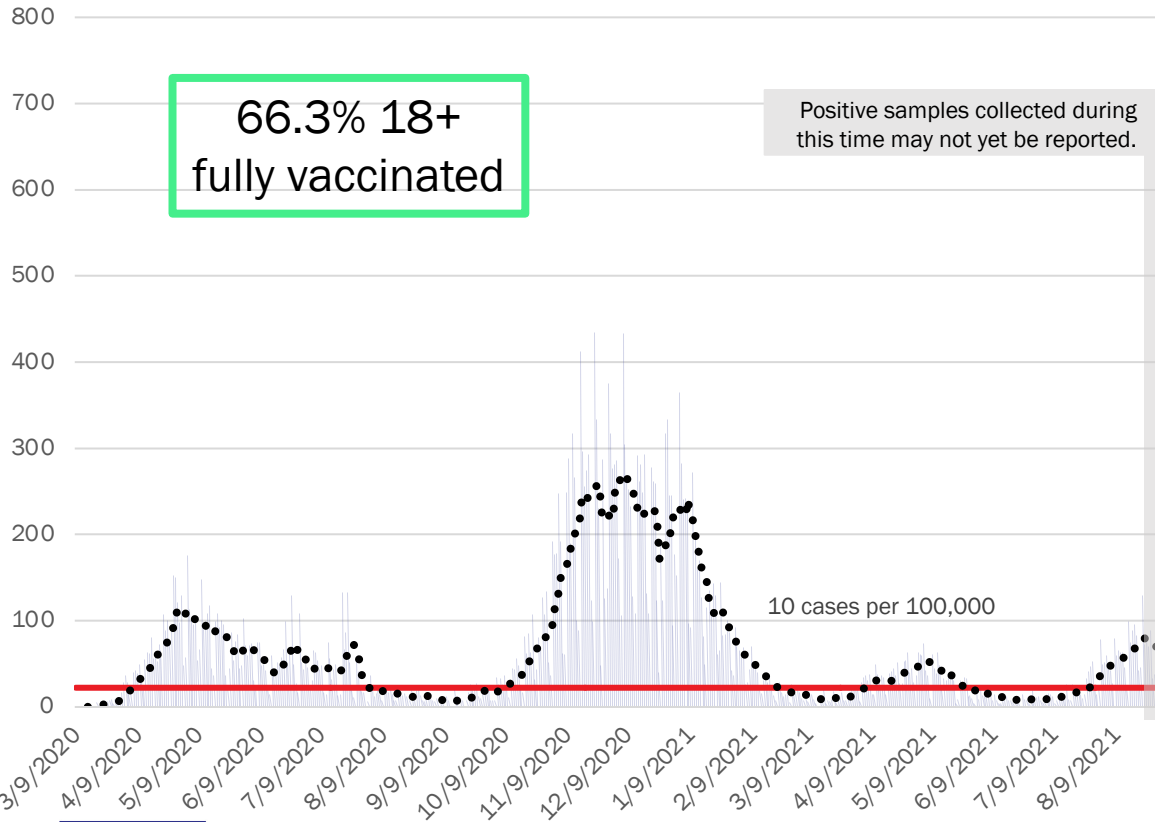
- LANL Modeling 8/31/2021 projection for early September:
 - 700-1500 cases per day
 - 3-8 deaths per day
- Increases in NM daily **cases** should peak soon with continued mitigation strategies (vaccines, masks) – perhaps in the next week?



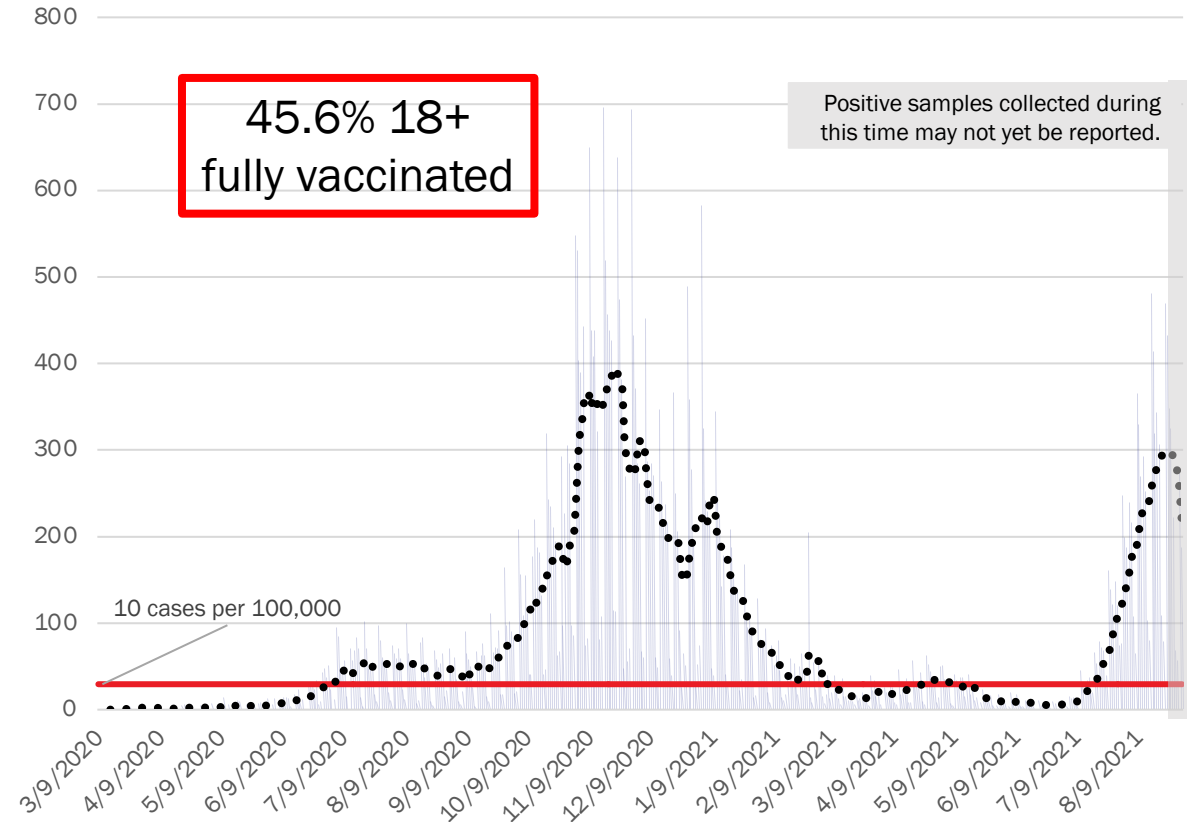
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Comparison of two New Mexico regions: NW and SE

Northwest Region Case Count by Collection Date with 7 Day Moving Average September 1, 2021

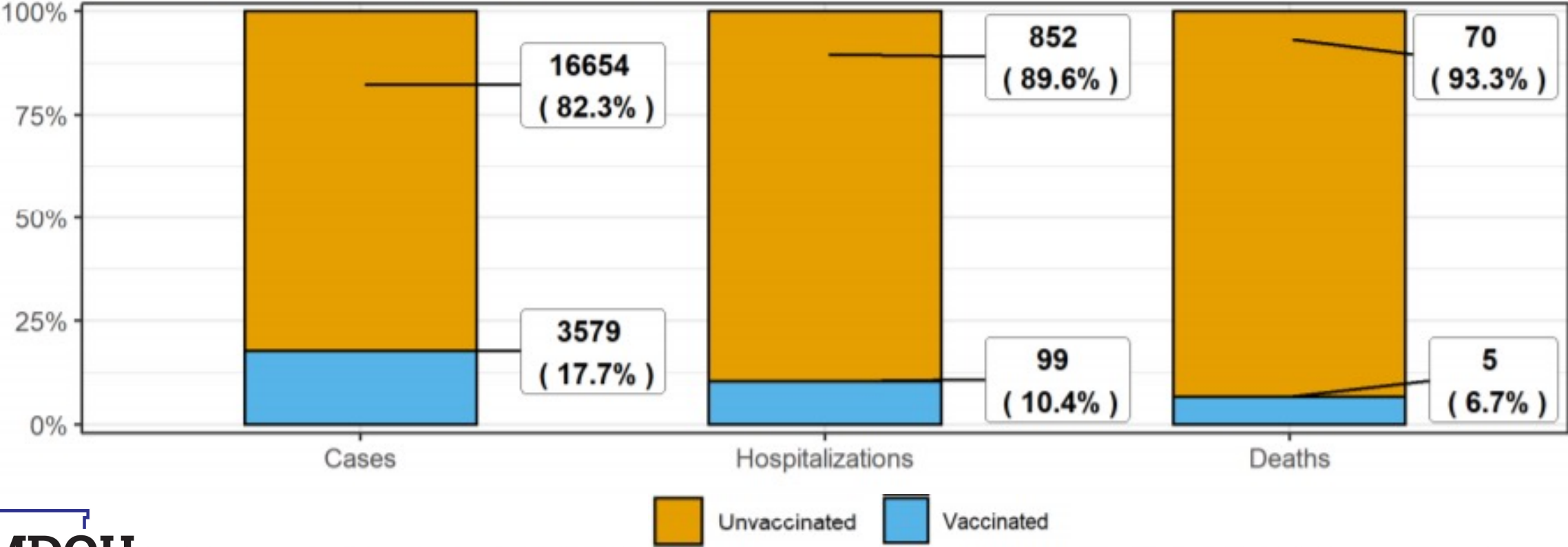


Southeast Region Case Count by Collection Date with 7 Day Moving Average September 1, 2021



Cases, hospitalizations, and deaths by vaccination status over prior 4-week period

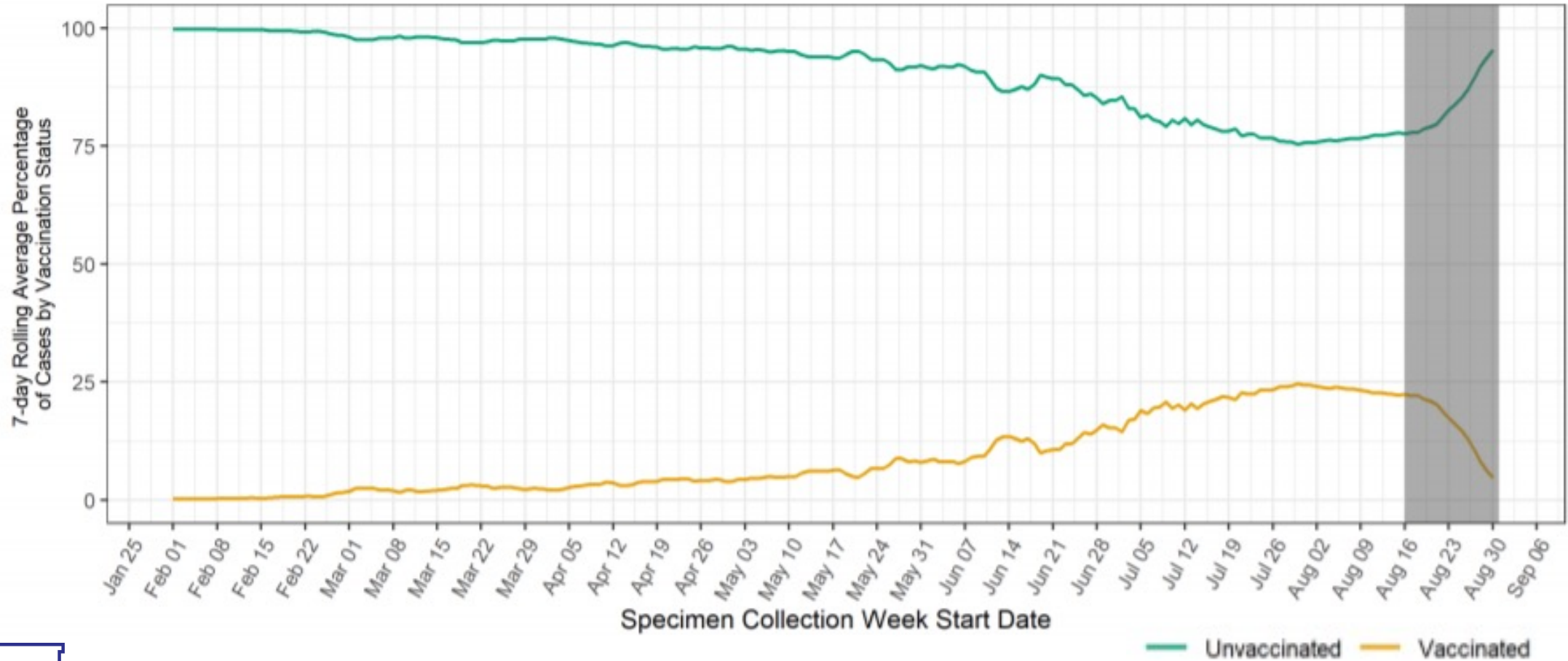
Percent of Cases Hospitalizations and Deaths by Vaccine Status
02 August, 2021 - 30 August, 2021



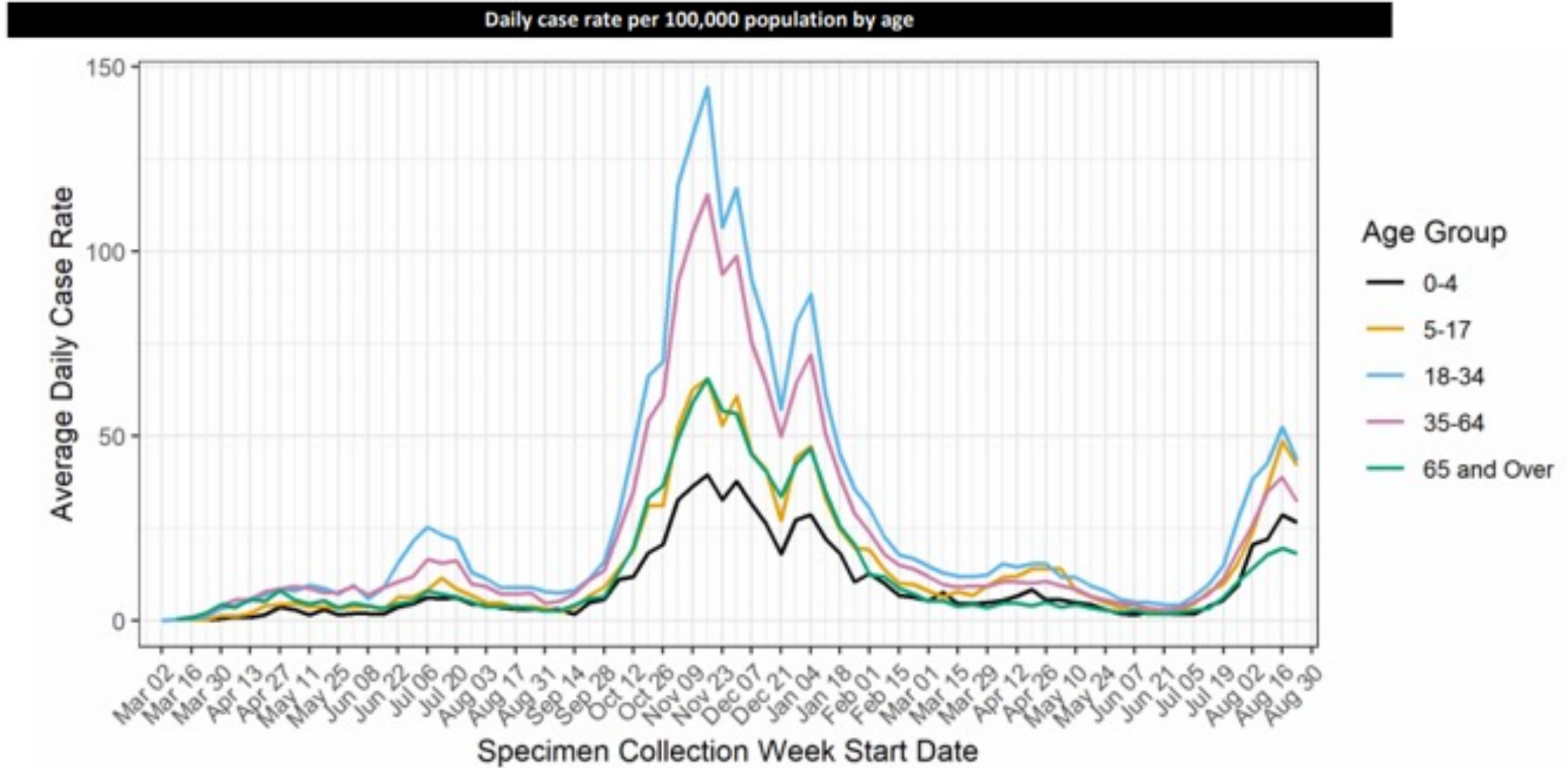
Infections among unvaccinated individuals are driving the current surge

7-day Rolling Average Percentage of Cases by Vaccination Status

**All Cases

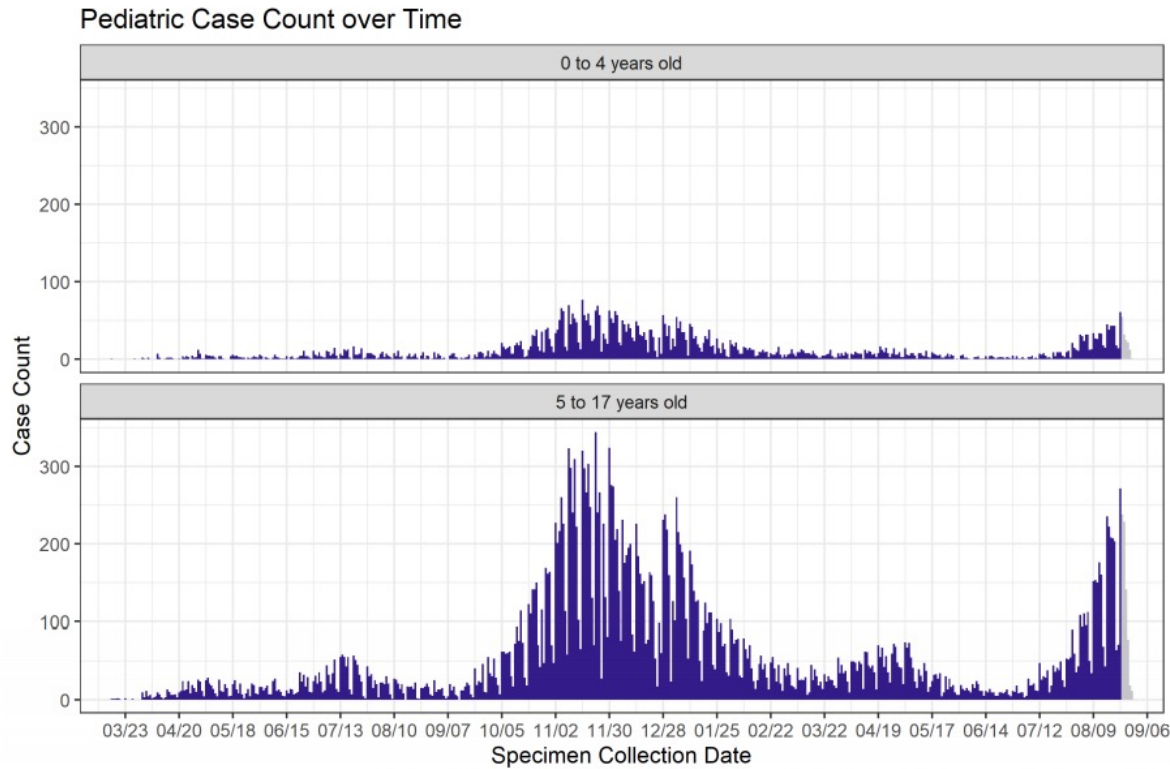


Case (diagnosed infection) rates among the 5-17 and 18-34 year-olds are higher than other age groups



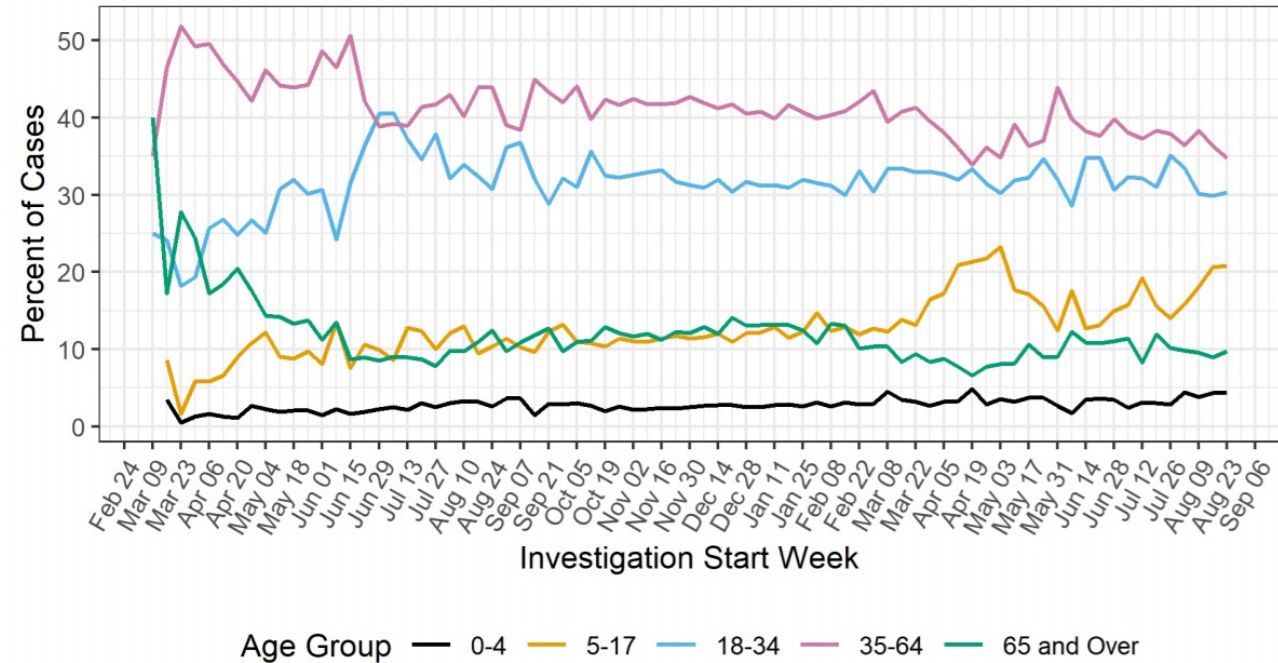
Cases among school-age children are increasing and are making up a growing percentage of our total cases

Pediatric case count over time



Previous 7 days are greyed out. Positive samples collected during this time may not yet be reported.

Percentage of new cases each week by age



High test percent positivity, need to increase testing in school-age children

Cumulative testing rates per 1,000 population and test positivity by age group

Tests include PCR and antigen

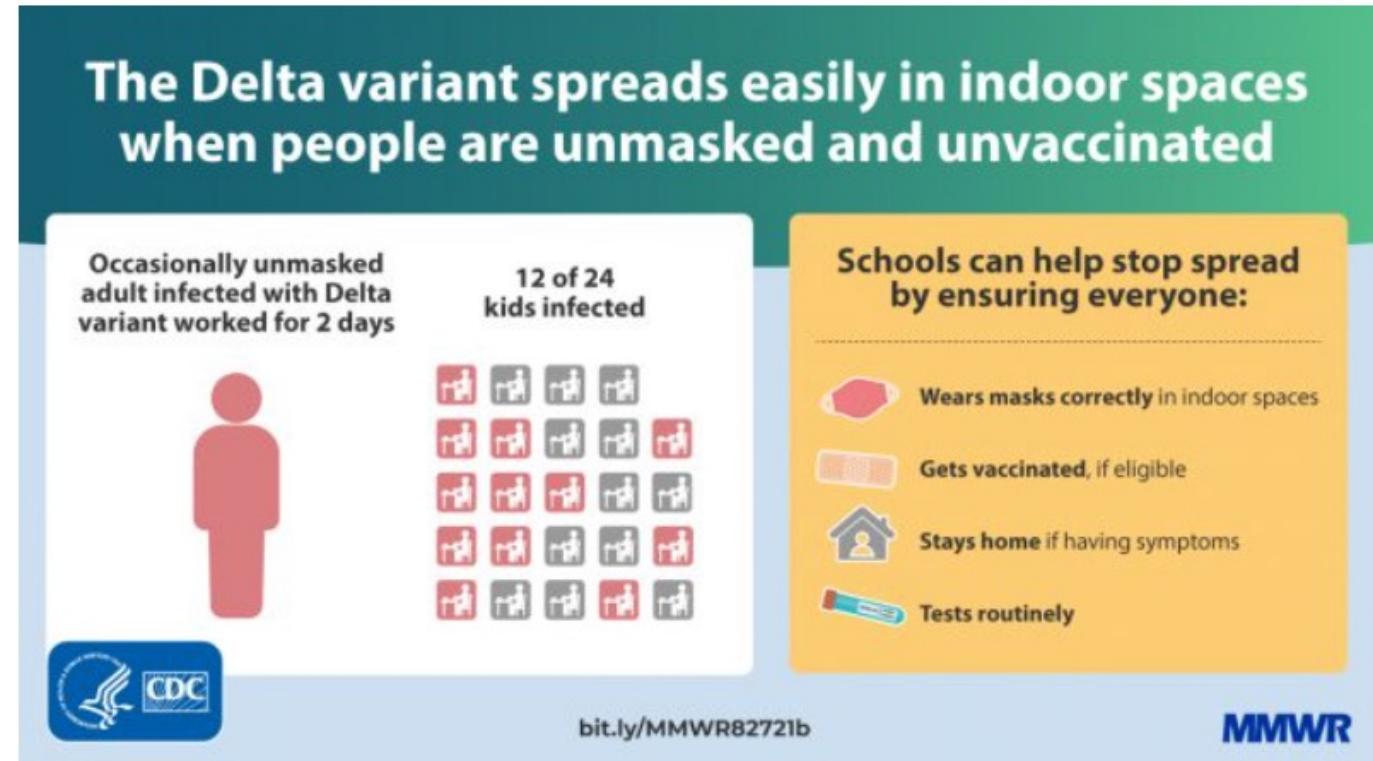
Age Group (years)	Total Number of Cases	Cumulative tests per 1,000 population	Cumulative test positivity (%)
<1	1327	633.7	8.4%
1-4	5042	529.3	9.0%
5-11	12500	608.8	10.1%
12-15	10422	744.2	11.8%
16-17	6679	1093.9	10.4%
18+	195994	1891.5	5.9%

Continued vigilance with prevention measures in schools is critical

Outbreak Associated with SARS-CoV-2 B.1.617.2 (Delta) Variant in an Elementary School — Marin County, California, May–June 2021

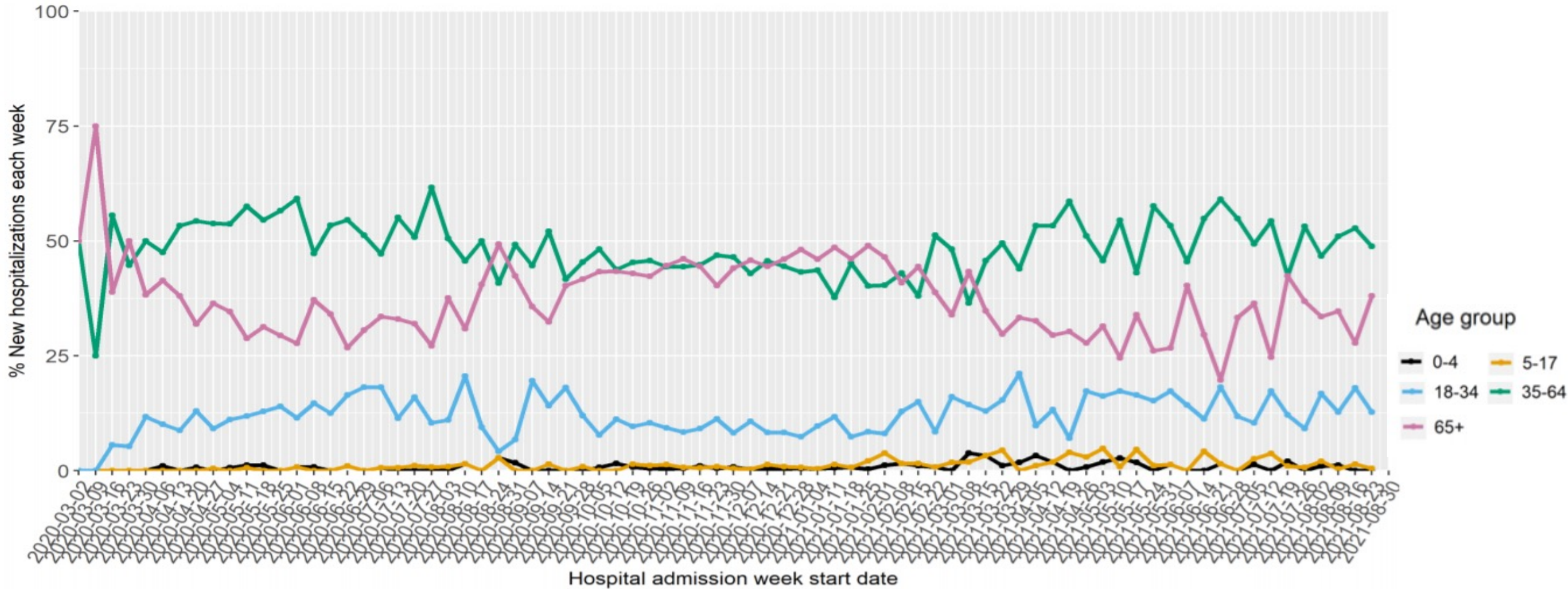
Tracy Lam-Hine, MBA^{1,2}; Stephen A. McCurdy, MD^{1,3}; Lisa Santora, MD¹; Lael Duncan, MD¹; Russell Corbett-Detig, PhD⁴; Beatrix Kapusinszky, PhD⁵; Matthew Willis, MD¹

- Unvaccinated teacher who continued teaching 2 days after symptoms
- 12 of 24 kids in classroom infected
- Several community cases linked to outbreak
- No hospitalizations or deaths

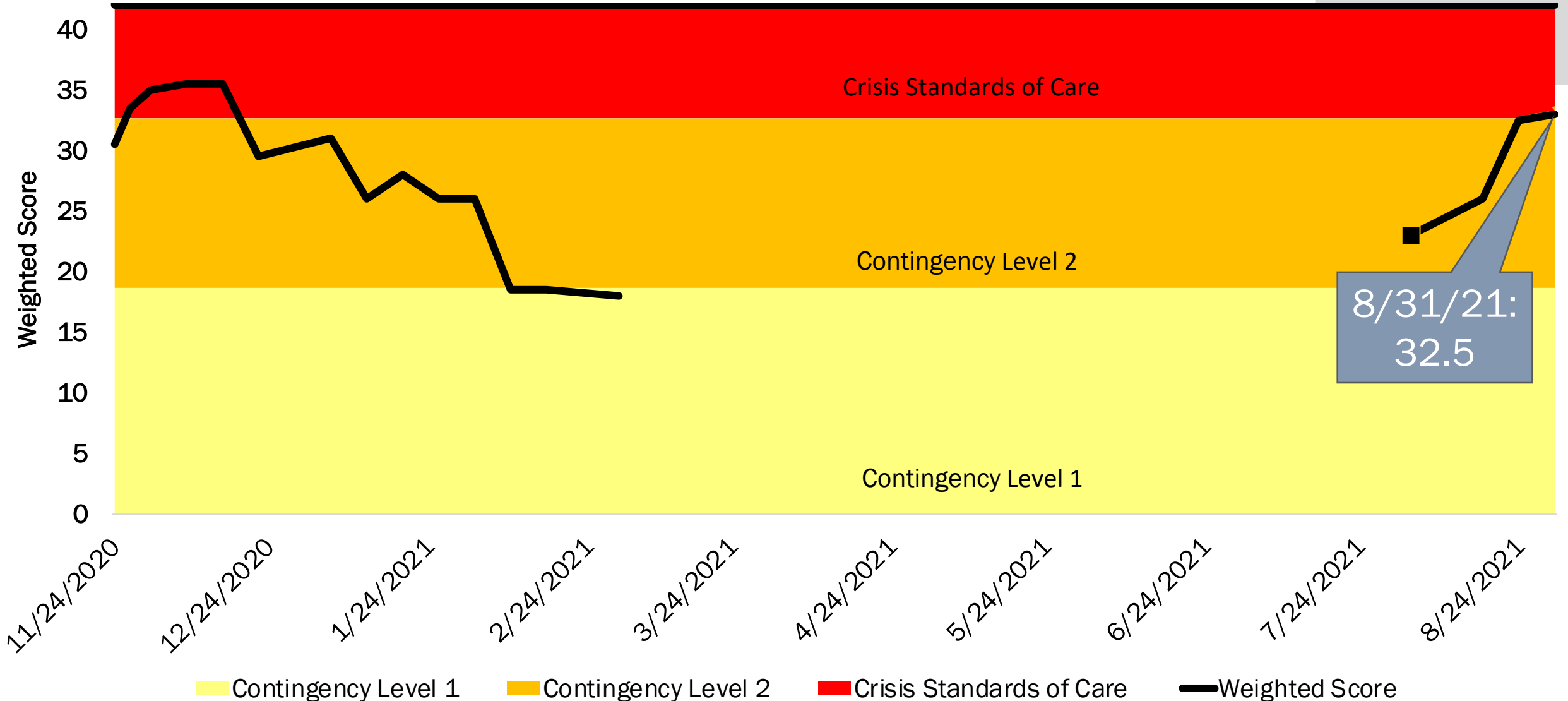


NM COVID-19 Hospitalizations and Deaths

We are not seeing a rise in hospitalizations in NM children



NM Hospital Systems Capacity Self-Evaluation



Contingency Level 1 Contingency Level 2 Crisis Standards of Care Weighted Score

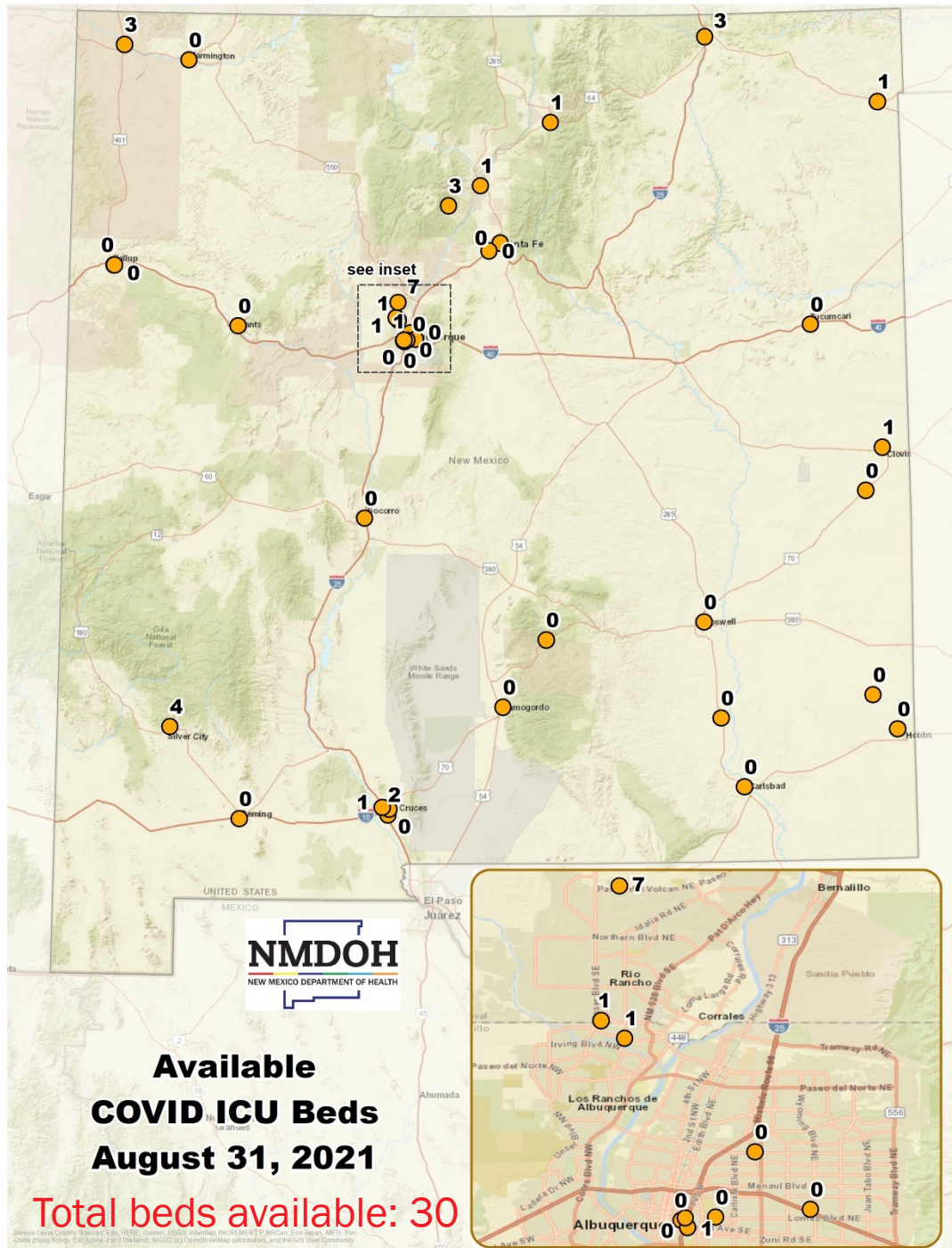
Self-evaluation data not collected between 3/3/21 and 8/17/21.



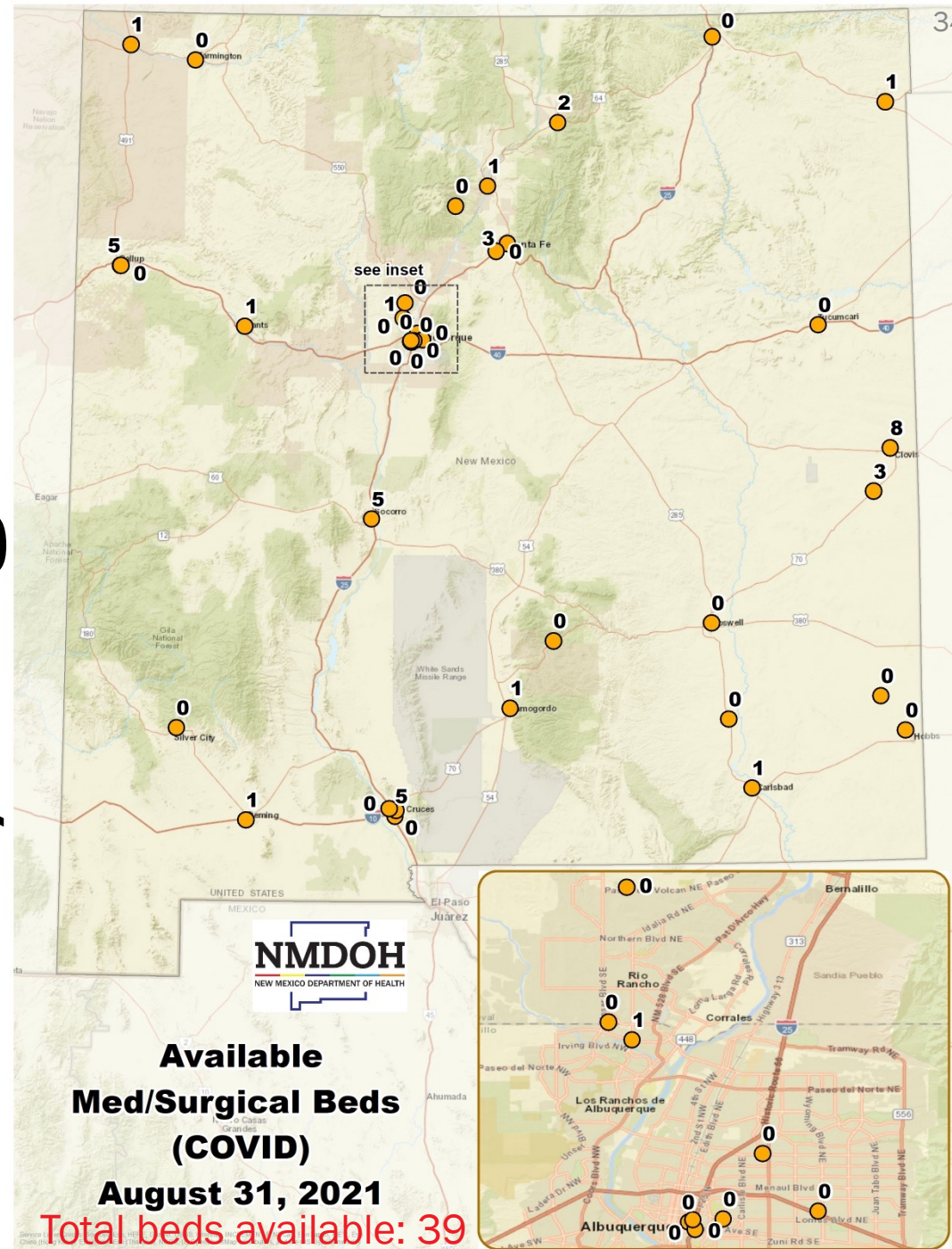
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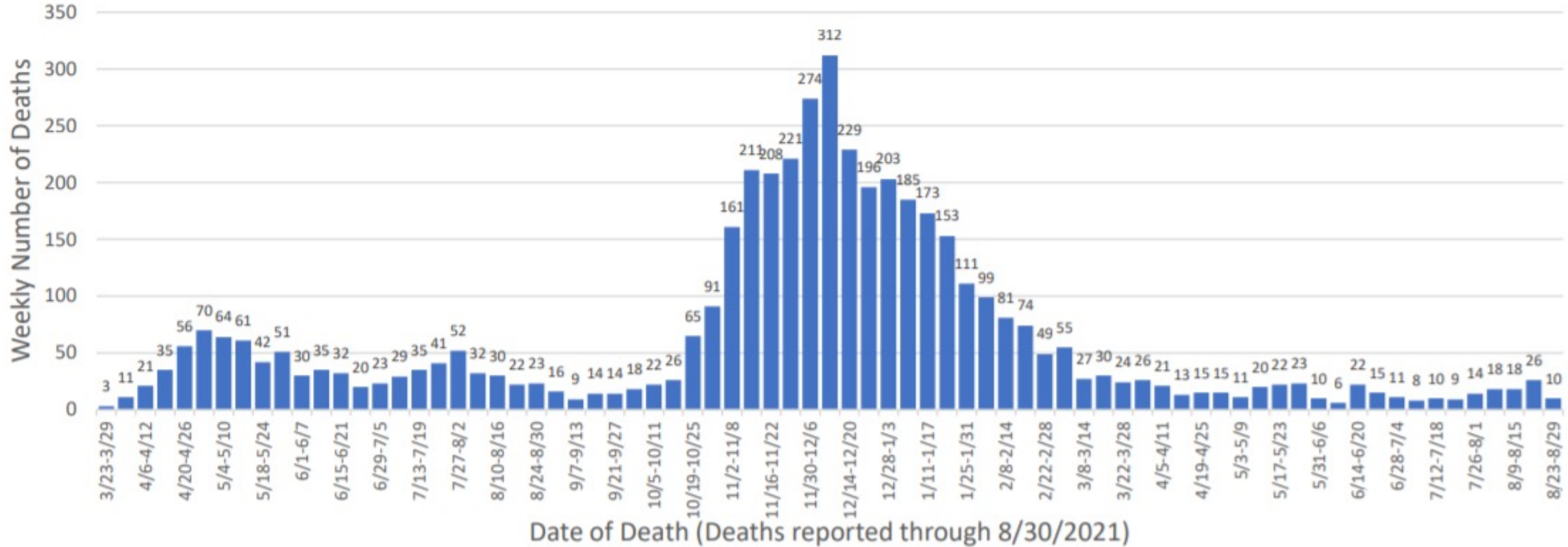
ICU Beds



Med/Surgical Beds



As expected, we are now beginning to see an increase in COVID-19 deaths



COVID-19 Treatments

Monoclonal antibody (mAbs) treatments

- Antibodies are naturally made in our bodies to fight infection. mAbs are antibodies developed in a laboratory to help our bodies fight infection
- Antibodies block the virus when the virus tries to enter a cell
- Nearly 100 mAbs are FDA-approved to treat health conditions including cancers and autoimmune diseases
- mAbs are given through intravenous infusion (i.e., through a vein) or injection, length of treatment varies

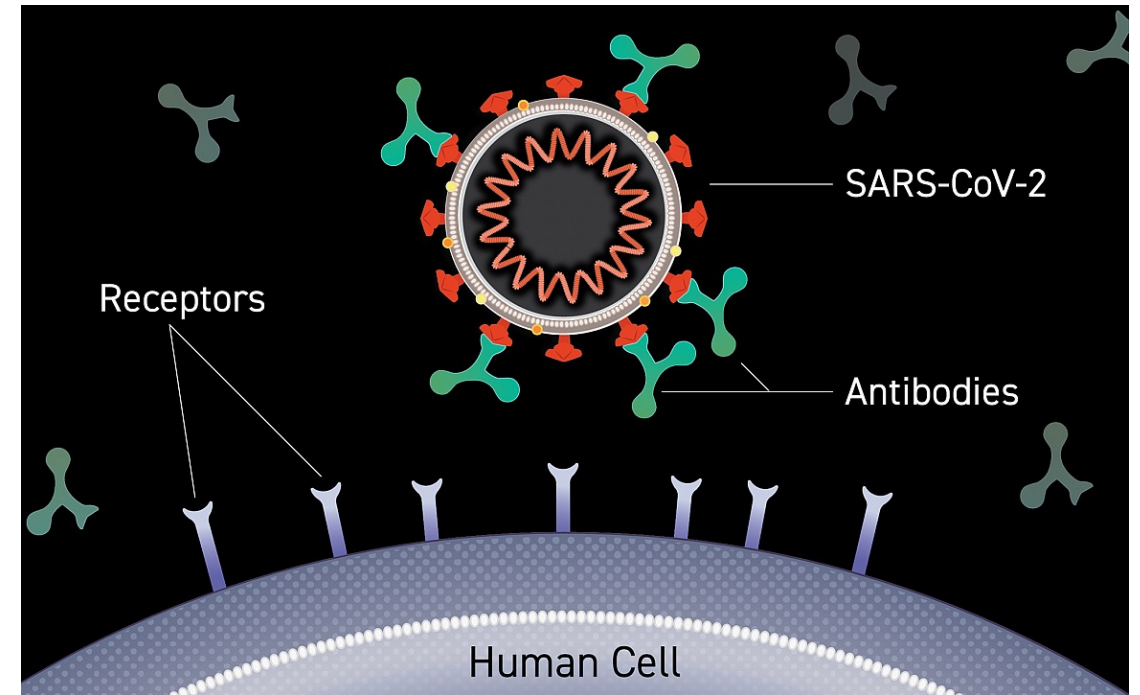
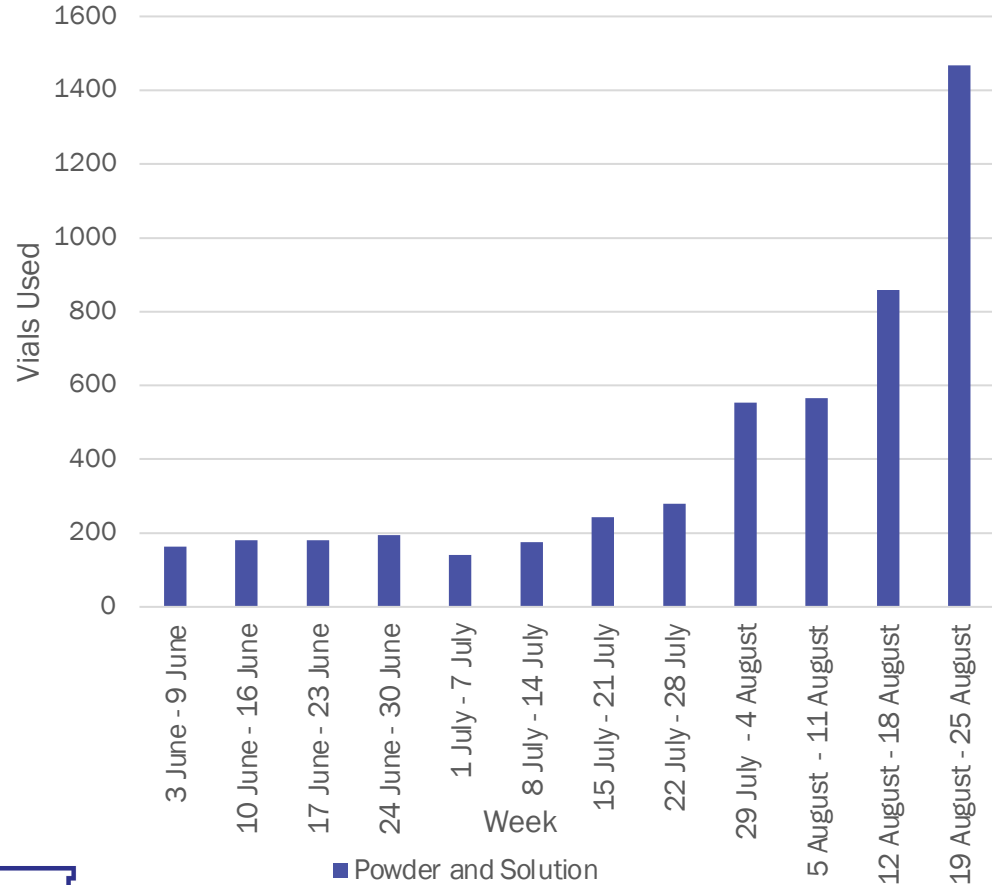


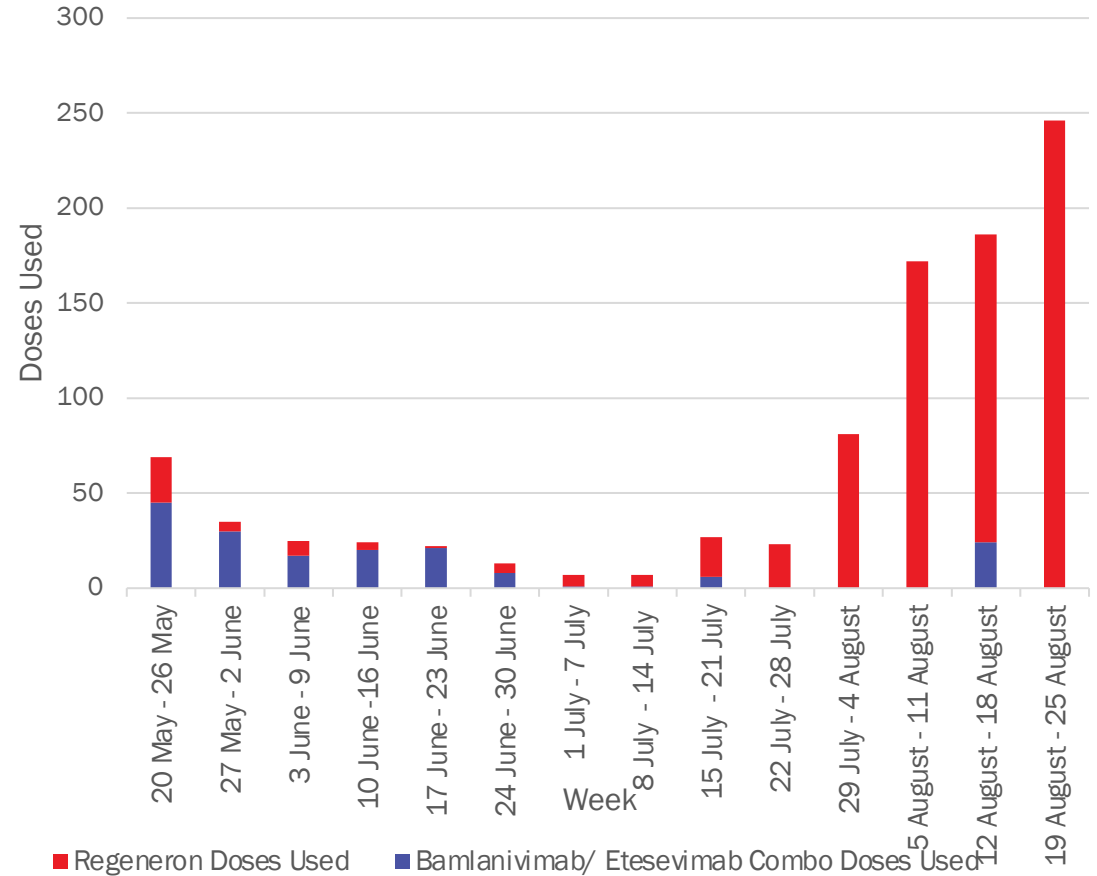
Illustration of an antibody binding to the surface of a virus, blocking entry into a person's cells. By Lisa Donohue, CoVPN

There has been a significant increase in inpatient and outpatient mAb treatments, but not enough!

Remdesivir (moderately ill, given in hospital)



mAbs (symptoms + >64, obese, OR one risk factor, given as outpatient)



NM COVID-19 Testing Update

New Mexico Test positivity 7-Day Rolling Average, March 17, 2020-August 31, 2021



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Number of Individuals with COVID-19 Test Results by Lab, NM

Reporting Facility	Test Results, 08/21/2021-08/27/2021	Cumulative Test Results, 03/11/2020-08/29/2021	Percent of Total Test Results, 08/21/2021-08/27/2021	Mean Turn Around Time in Days, 08/21/2021-08/27/2021
Curative	24,680	566,322	27.9%	2.96
LabCorp	8,530	326,327	9.6%	2.17
Pathology Consultants	2,123	89,954	2.4%	2.30
Quest	2,949	249,344	3.3%	2.15
SLD	4,948	707,717	5.6%	1.28
TriCore	12,710	972,032	14.4%	1.22
Vault	6,464	104,243	7.3%	4.32
Other	26,147	1,080,450	29.5%	1.28
TOTAL	88,551	4,139,713	-	2.21

Kids and adults: Get tested for COVID-19 if...

...you have COVID-19 symptoms
cough, fever, shortness of breath, chills, repeated shaking with chills, muscle pain, headache, sore throat, congestion or runny nose, nausea or vomiting, diarrhea, and/or loss of taste or smell

...you don't have symptoms but were in close contact or are a household member of someone who has tested positive and are in their infectious period, **regardless of vaccination status**

...you don't have symptoms but are unvaccinated and live or work in a high-risk congregate setting such as long-term care facilities, detention centers and correctional facilities

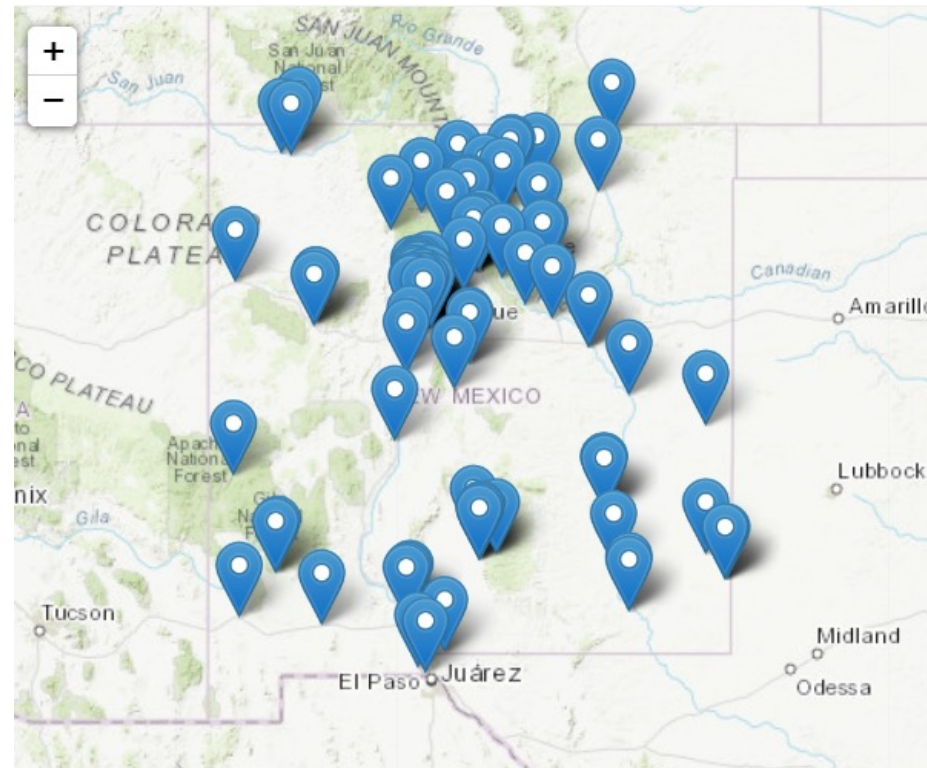
...you are a patient scheduled for surgery or hospital admission, even if you're fully vaccinated. Some medical facilities may require testing prior to surgery or admission.

Scheduling a COVID-19 test from your computer or phone is easy!

- NM COVID-19 Test Site Directory: FindaTestNM.org
- Surveillance testing: DOH suggests Vault and Curative
- Symptomatic or close contact testing: local hospitals, public health offices, pharmacies, doctors' offices, and Curative
 - Over-the-counter rapid tests



New Mexico Department of Health
COVID-19 Screening & Testing Sites



Misinformation Moment: Unvaccinated CA nurse, mother of 5, dies of COVID-19 a week after giving birth

- Davy, a mother of five who worked as a registered nurse in California died last week from COVID-19
- Davy was seven months pregnant and had not been vaccinated against COVID-19; Doctors delivered her baby after she was intubated
- Her husband, a middle school teacher, remains in critical condition
- Speaking about her brother-in-law, Davy's sister said, "He was trying to breathe and said, if anyone is not vaccinated, I suggest you do now."



Daniel and Davy Macias, seen here in this family photo, were admitted to the emergency room with COVID-19 days apart in August. Davy Macias died Aug. 26. She was 37. (Courtesy photo)

Get Vaccinated. Stay home and get tested if you have COVID-19 symptoms.

- Get tested if you think you have COVID-19 or have been exposed to someone who is positive.
- If you have COVID-19, seek out monoclonal antibody treatment.
- Be especially careful indoors no matter where you live in NM.

CASE COUNTS REMAIN TOO HIGH. WE ALL STILL MUST FIGHT THE VIRUS.

- Wash hands, clean surfaces, cough into tissue/elbow.
- Everyone mask up and maintain social distancing (minimum 6').
- Get needed preventive healthcare.
- Get vaccinated!

Get vaccinated.



Wear a mask.



Stay 6 feet from others, and avoid crowds.



Wash hands often.