

COVID-19 DAY 330 PRESS UPDATE

FEBRUARY 3, 2021

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*INVESTING FOR TOMORROW, DELIVERING TODAY.*



*Investing for tomorrow, delivering today.*

# Vaccine Update

## February 3, 2021

Dr. Tracie Collins

Secretary-Designate, Department of Health

# Vaccine update (as of 2/3)

Vaccines delivered to NM: 316,150

Vaccines administered: 291,742 (92.3%)

Second doses administered: 67,106 (3.2% of NM is fully vaccinated)

New Mexico has the fourth-highest vaccine administration rate among all states in the country.

# Vaccine registration website

<https://vaccinenm.org>

More than 560,000 New Mexicans registered.

We encourage all New Mexicans to register.

NMDOH will reach out when a vaccine appointment is available.

# Who is eligible for vaccine right now?



## PHASE 1A

In order of priority

- Hospital personnel
- Residents and staff of long-term care facilities
- Medical first responders
- Congregate setting workers (homeless shelters, correctional facilities, residential treatment centers, and community homes)
- Persons providing direct medical care and other in-person services
- Home-based healthcare and hospice workers

**\*Winter - Spring**

*\* Estimated time frames; dependent on DOH receiving vaccine*



## PHASE 1B

In order of priority

- Persons 75+
- Persons 16+ at risk of COVID complications
- Frontline essential workers unable to work remotely: Early education and K-12 educators/staff, caregivers, grocery stores, food and agriculture, public transit, critical manufacturing, public health, public safety, mortuaries, indigent care, non-hospital laboratories
- Vulnerable populations: Residents of congregate settings<sup>‡</sup>

**\*Winter - Spring**

*\* Estimated time frames; dependent on DOH receiving vaccine  
‡Vulnerable populations at risk of COVID complications can be vaccinated sooner*

# Who is eligible for vaccine right now?

- Hospital personnel
- Residents and staff of long-term care facilities
- Medical first responders
- Congregate setting workers
- Persons providing direct medical care and other in-person services
- Home-based health care and hospice workers
- People 75+
- People 16+ at risk of COVID complications

# Population Denominators

Phase 1a	Estimated Population
Residents at LTCF	20,707
Healthcare Workers	138,000
<b>Eligible Groups within Phase 1b</b>	
75+	151,653
16+ with comorbidities	590,472

# A key limitation: vaccine supply

- Nearly 800,000 New Mexicans eligible for vaccine right now.
- Yesterday, federal government announced a 6% increase – on top of last week's 16% increase.
- **NM vaccinating approximately 9,000 people/day (double our pace from three weeks ago).**
- New vaccines may be available in the coming months.



# Vaccine distribution is a team effort

- Providers are responsible for knowing – and following – the phased distribution requirements.
- By going in sequence, we ensure that vaccine goes to those who are at highest risk of serious disease and death from COVID-19.

# DIFFERENT SARS-COV-2 STRAINS AAMC

***If you watch/listen to the News, you have heard that:***

- Strains might reduce effectiveness of current vaccines.
- Strains may be more (or less) pathogenic.
- Strains might render monoclonal antibodies ineffective as treatment or prophylaxis.
- Strains may produce new COVID-19 cases in people who previously recovered from COVID-19.
- Changes in strains found in spike protein in 2 areas — receptor-binding domain (RBD) and N-terminal domain (NTD) at end of spike protein.

Strain	Origin Country	Monoclonal Antibody Treatment Impact	Vaccine Impact
B.1.1.7	England	Most monoclonal antibodies <a href="#">ineffective</a>	<a href="#">Resistant</a> to vaccine sera (~2 fold)
B.1.28.1 (P.1)	Manaus (Brazil)	Bamlanivimab and Regeneron may be <a href="#">less effective</a>	Unknown
B.1.351 (20H/501Y.V2)	South Africa	<a href="#">Refractory</a> to both NTD- and RBD-directed monoclonal antibodies, with E484K mutation as primary reason	<a href="#">Resistant</a> to vaccine sera (~6.5-8.6 fold).
B.1.426 (CAL.20C)	Los Angeles (CA)	Unknown	Unknown

*Current research is preprint and not yet peer-reviewed.*

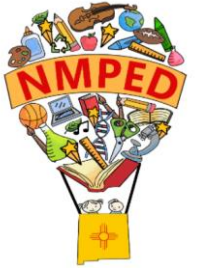
# COVID-19 THERAPEUTICS USED TO DATE IN NM

<b>Bamlanivimab (vials)</b>	<b>Regeneron (patient courses)</b>	<b>Remdesivir (vials)</b>
1,780	264	43,712

# DATA AND POLICY TO GUIDE OPENING SCHOOLS SAFELY TO LIMIT THE SPREAD OF SARS-COV-2 INFECTION

JAMA (WRITTEN BY CDC OFFICIALS)

- Rapid COVID-19 spread largely not reported in schools.
- Mitigation measures in schools must continue:
  - requiring universal face mask use,
  - increasing physical distance,
  - using hybrid attendance models when needed to prevent crowding,
  - increasing room air ventilation, and
  - expanding testing.
- Staff and students should continue to have options for online education.



Jan. 26, 2021

## IN-PERSON LEARNING TO BE EXPANDED TO ALL K-12 SCHOOLS

### SECONDARY SCHOOLS INCLUDED IN NEW RETURN-TO-SCHOOL PLAN

SANTA FE — Middle and high school students are included in a decision announced Tuesday to expand in-person learning options beginning Feb. 8 for every district and charter school across New Mexico based on extensive preparations and protocols to assure student and educator safety.

The Public Education Department's updated guidance for expanded in-person learning, approved by Gov. Michelle Lujan Grisham, gives school districts and charter schools three options for in-person learning:

- All schools — elementary and secondary — in all counties will be eligible to enter the hybrid mode, which means bringing back up to 50 percent of students at a time in order to maintain social distancing and to keep students in smaller cohorts to avoid virus transmission;
- Districts and schools with fewer than 100 students may bring back all students in a 5:1 ratio with no more than six people per enclosed indoor space;
- Districts/schools not ready to welcome back students into a full hybrid model may expand small-group instruction to all grades — maintaining cohorts — with up to 50 percent of students participating at a time.

The expansion of in-person learning – announced in the governor's State of the State address, issued Tuesday – is the result of extensive collaboration between the Governor's Office, the Public Education Department, the Department of Health, school and district leaders, unions, educators and school staff to collect COVID-19 data, implement COVID-safe practices, conduct surveillance testing, improve indoor air quality, distribute PPE, monitor the Rapid Response Watchlist, and prioritize educators for the vaccine.

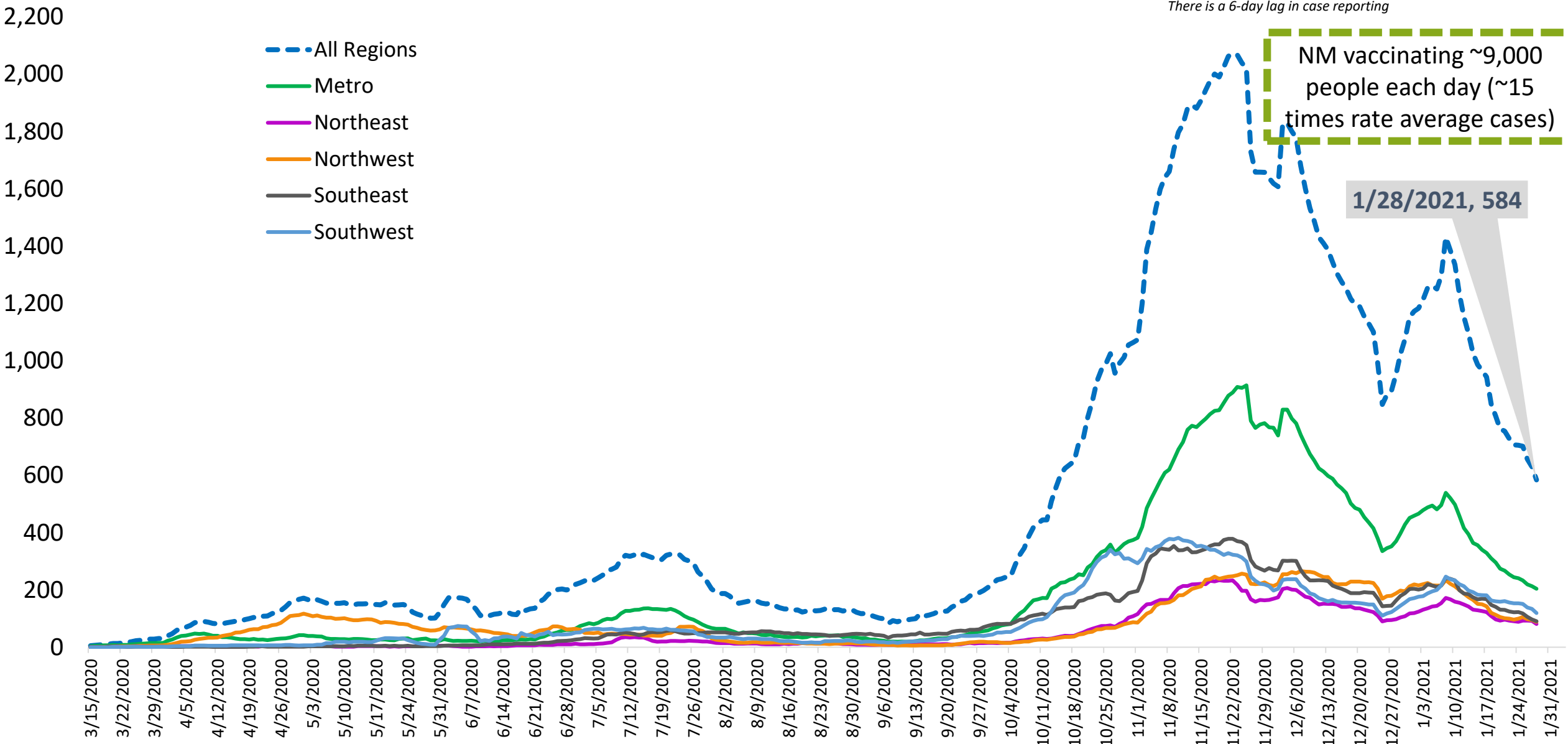
# 7-Day Average of Daily COVID-19 Positive Cases by Date of Specimen Collection, NMDOH Regions 2/3/2021

Source: New Mexico Department of Health  
There is a 6-day lag in case reporting

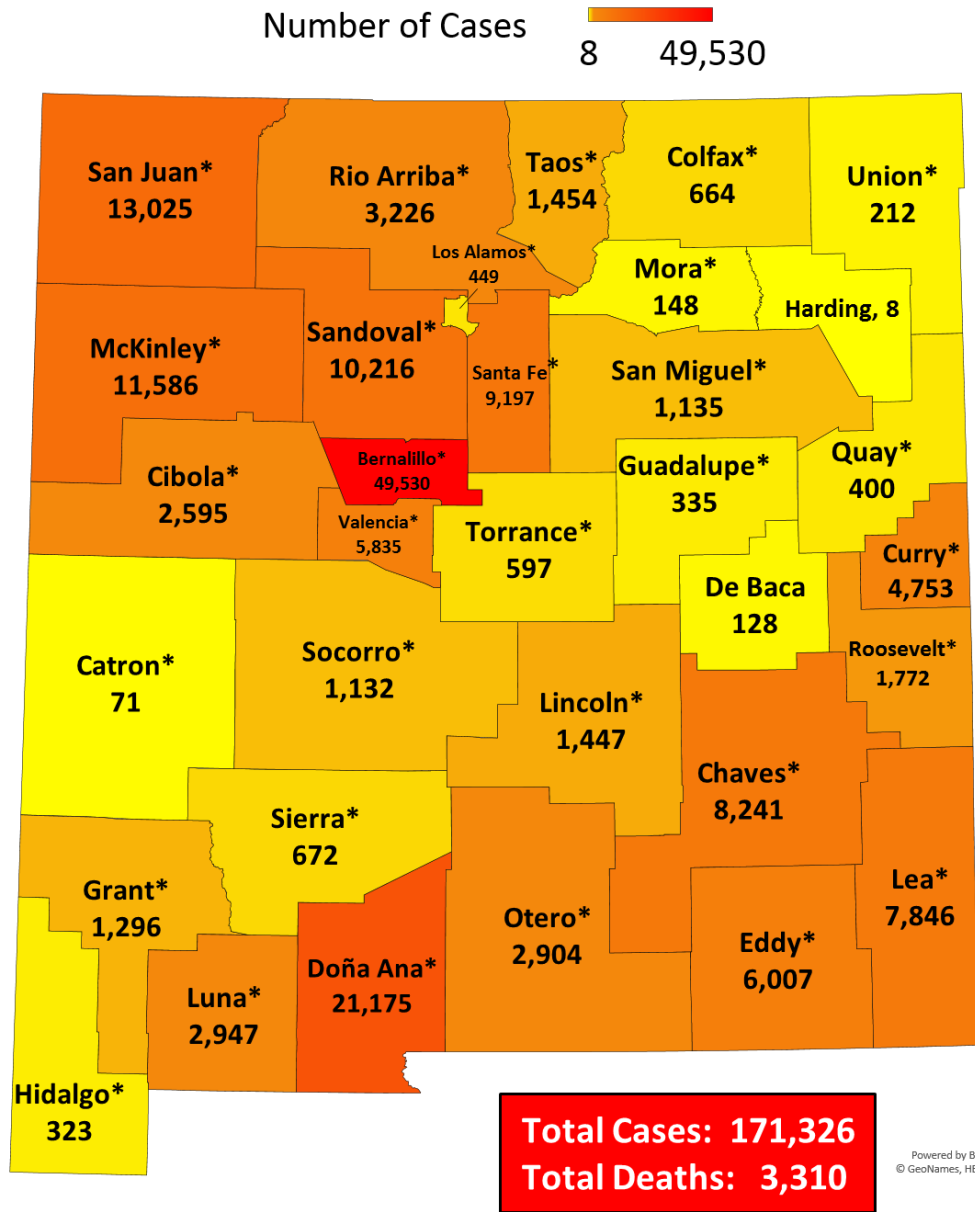
- All Regions
- Metro
- Northeast
- Northwest
- Southeast
- Southwest

NM vaccinating ~9,000 people each day (~15 times rate average cases)

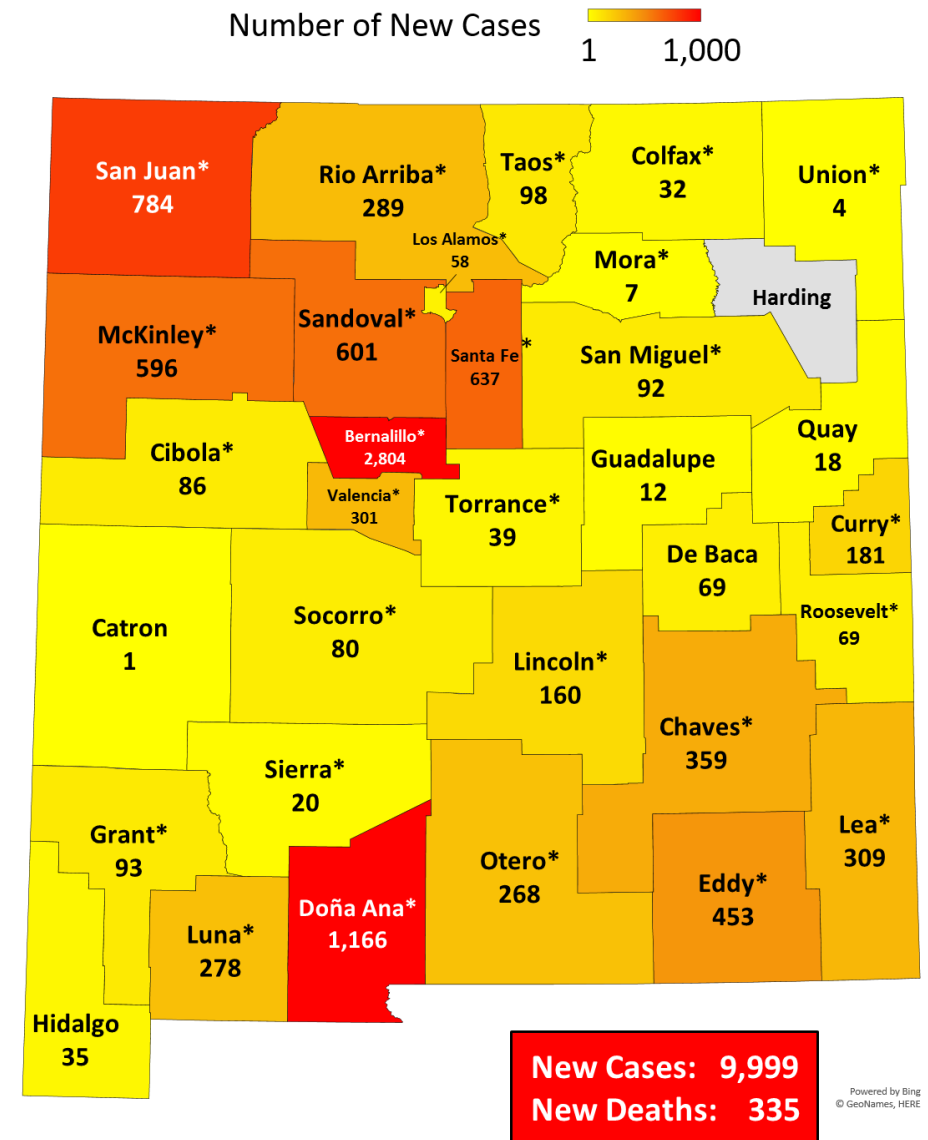
1/28/2021, 584



# Total COVID-19 Positive Cases (2/2/2021)



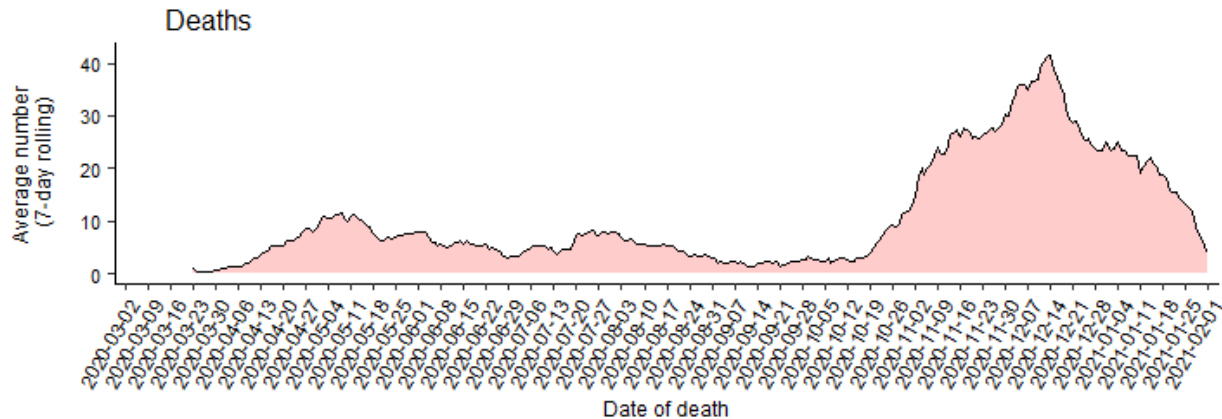
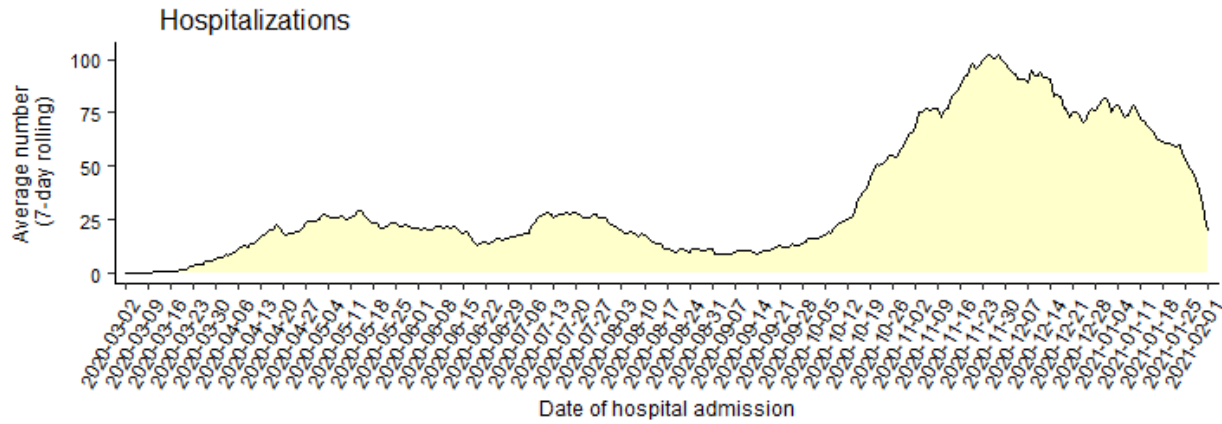
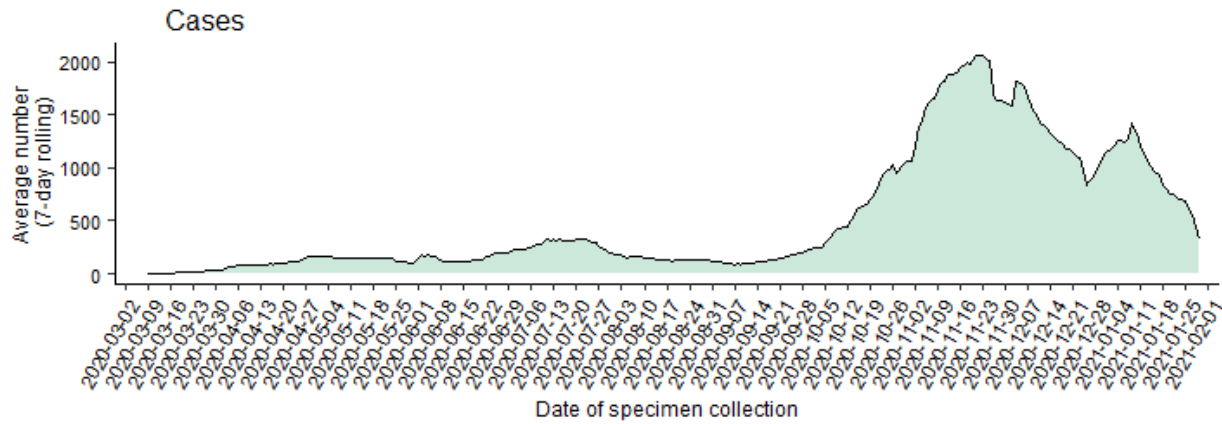
# 14-Day Total of New COVID-19 Positive Cases<sup>14</sup> (1/20 to 2/2)



Source: New Mexico Department of Health. \* denotes death occurred in county. Excludes cases in federal and state detention facilities.

Source: New Mexico Department of Health. \* denotes new death occurred in county. Excludes cases in federal and state detention facilities.

# Average number (7-day rolling average) of cases, hospitalizations, and deaths over time



Note: Cases, hospitalizations, and deaths may not yet be reported in 7 or more days.

As of 2/1/21



# STATEWIDE PUBLIC HEALTH GATING CRITERIA FOR REOPENING <sup>16</sup>

Criterion	Measure	Gating Target	Current Status
Spread of COVID-19	Rate of COVID-19 Transmission (10-day Rolling Average)	1.05 or less	0.81 on 2/2/21
	NM daily cases (7-day rolling average)	168	584 on 1/28/21
Testing Capacity: general and targeted populations*	Number of tests per day (7-day rolling average)	5,000 / day	14,806 on 2/1/21
	Test Positivity Rate (7-day rolling average)	5.0% or less	6.1% on 2/1/21
Contact Tracing and Isolation Capacity	Time from positive test result to: -isolation recommendation for case -quarantine rec. for case contacts	24 hrs	Week ending 1/29 = 17
		36 hrs	Week ending 1/29 = 24
Statewide Health Care System Capacity	Availability of scarce resources in 7 Hub Hospitals: -Adult ICU beds occupied	439 or less	304 on 2/3/21
	-PPE	7-day supply	7 on 2/2/21

**ALL 4 CRITERIA DRIVEN BY SOCIAL DISTANCING BEHAVIORS OF NEW MEXICANS**



# CALCULATING CASES PER 100,000

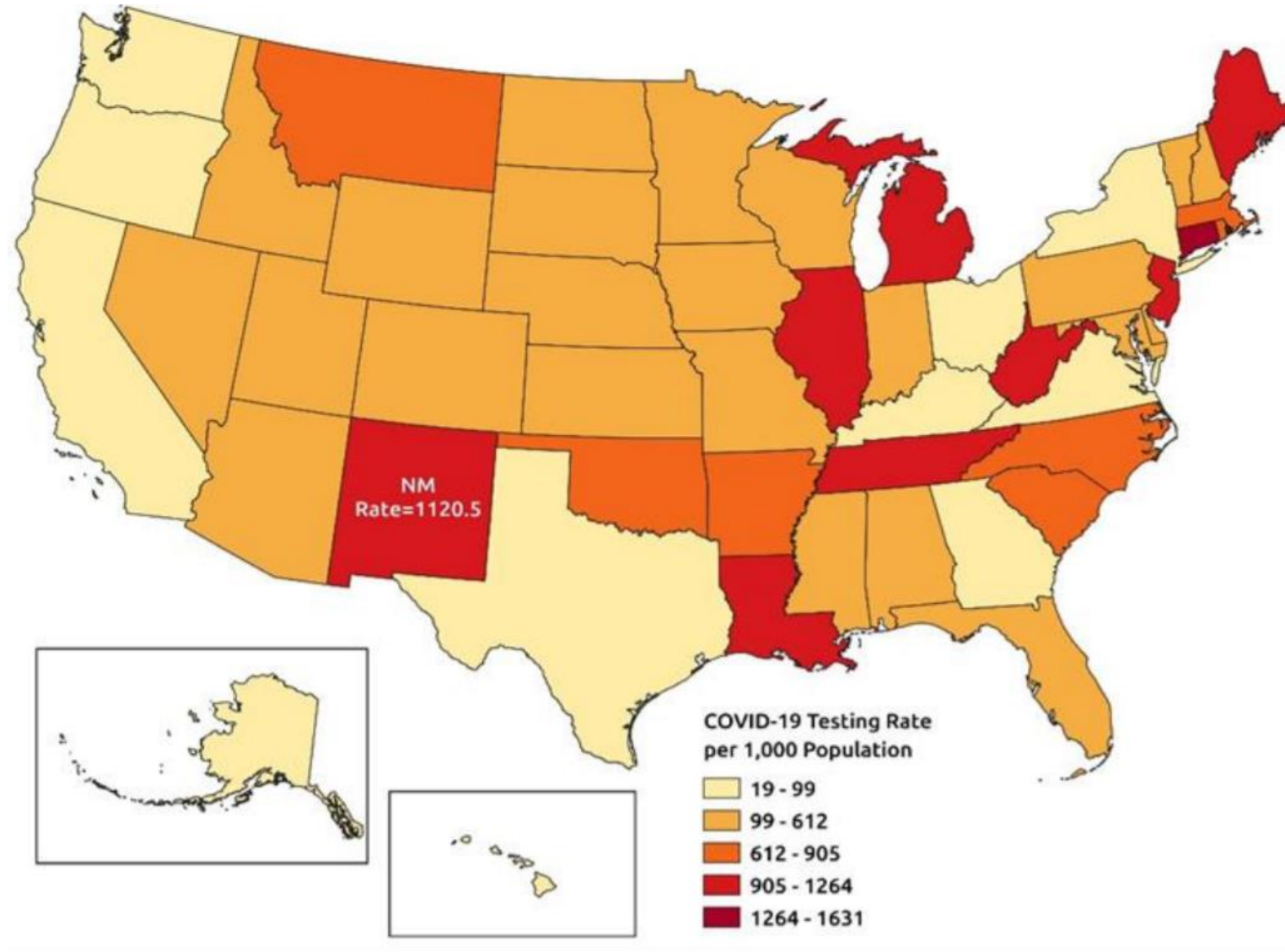
- Case rate is a NM reopening gating criteria (target 168 cases or less)
  - 168 cases = 8 cases per 100,000 NM residents
- Calculating cases per 100,000 residents more easily compares larger and smaller counties.
- Every other week DOH updates State COVID-19 Case Outlook, assigning counties red/yellow/green based on county test positivity rate and case rate per 100,000. (Next update 2/10/21).

*How to calculate case rate per 100,000*

$$\left[ \frac{\text{Number of daily COVID-19 cases in County A}}{\text{County A population}} \right] \times 100,000$$

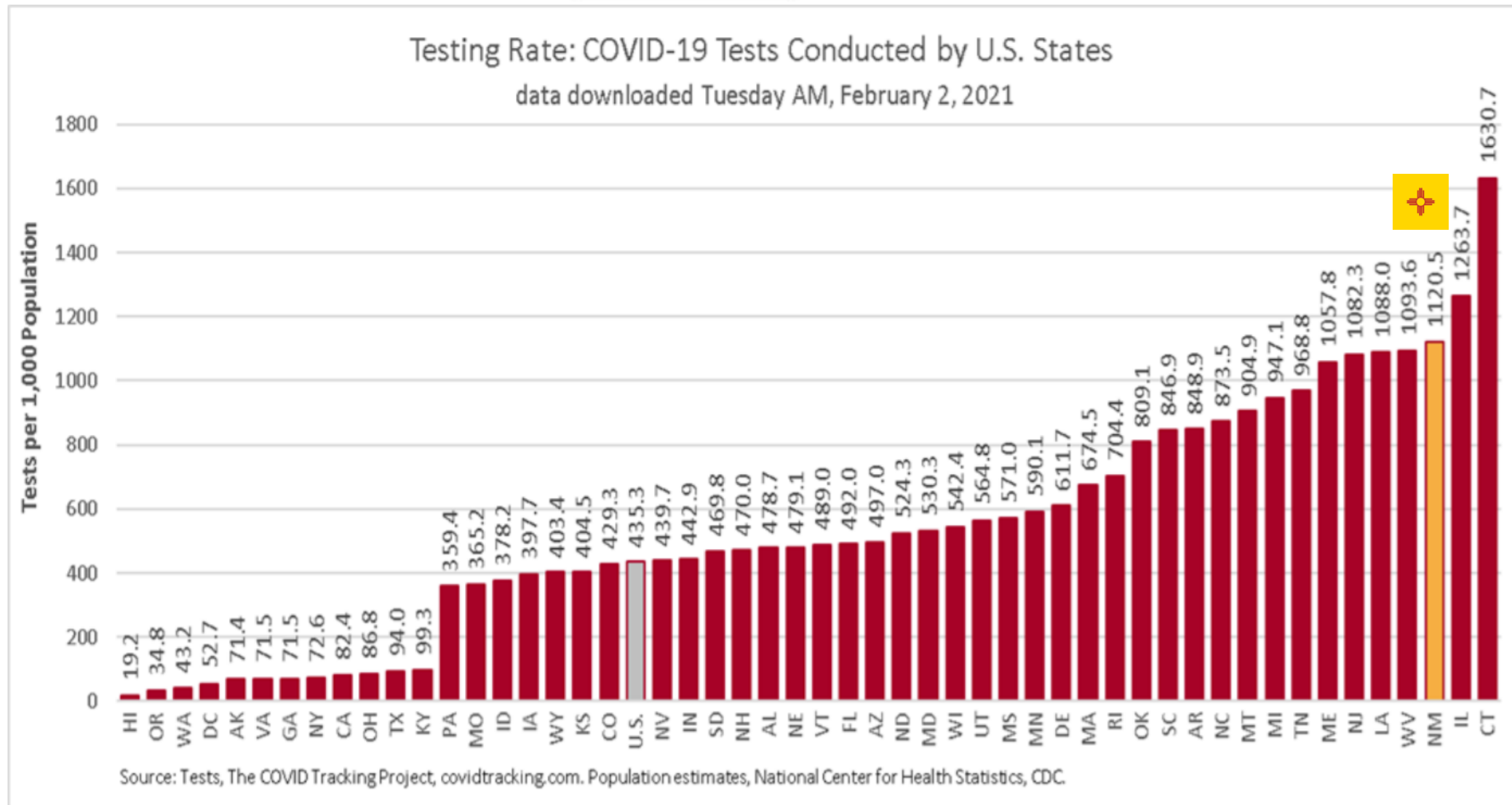
$$\left[ \frac{168 \text{ cases in NM}}{2,100,000 \text{ (state population)}} \right] \times 100,000 = 8$$

# COVID-19 TESTING RATE



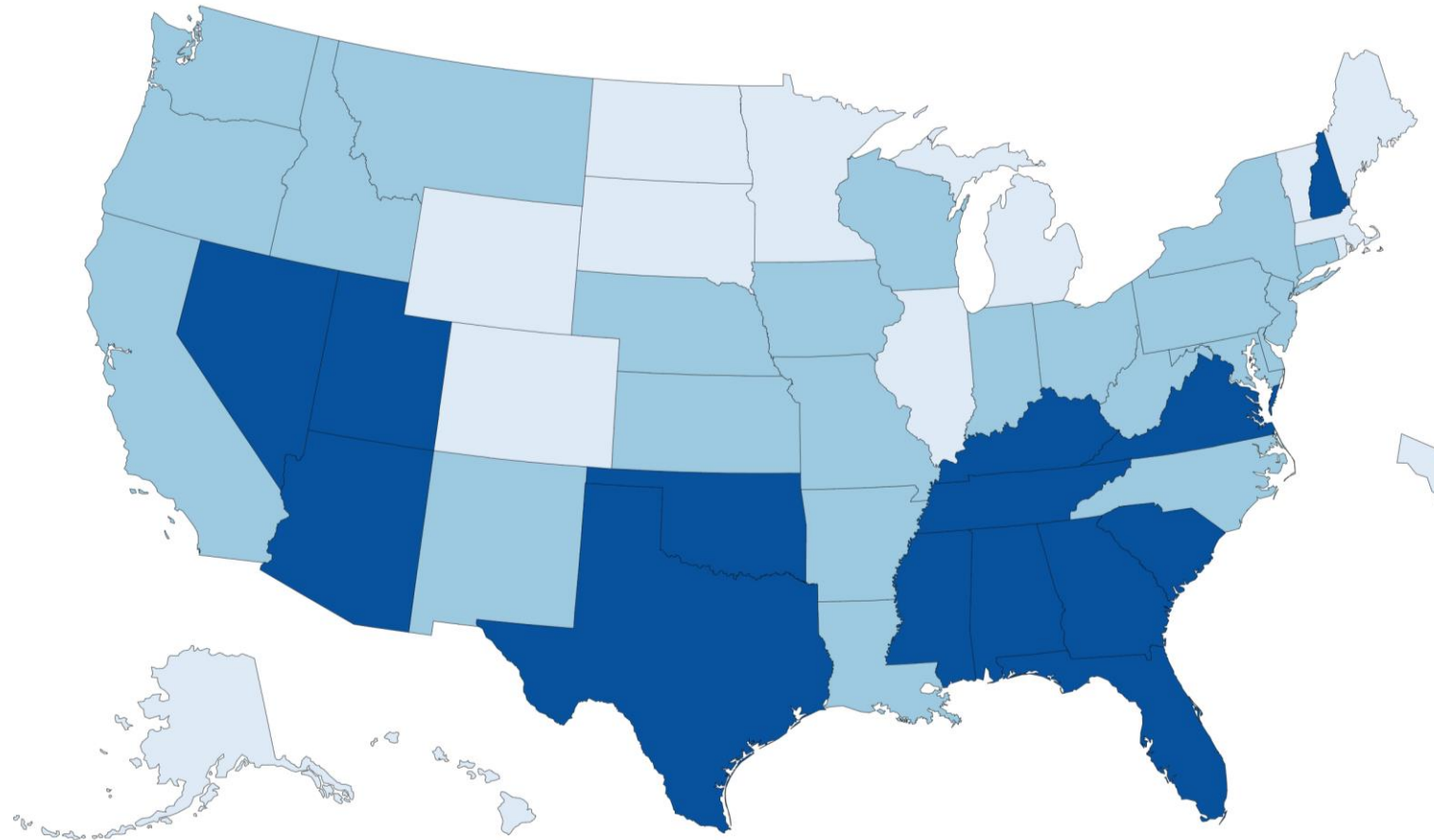
Source: NM Department of Health. [https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report\\_geotrends\\_02.01.21.pdf](https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report_geotrends_02.01.21.pdf). February 1, 2021.

# COVID-19 TESTING RATE

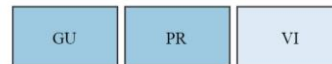


Source: NM Department of Health. [https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report\\_geotrends\\_02.01.21.pdf](https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report_geotrends_02.01.21.pdf). February 2, 2021.

# TEST POSITIVITY BY U.S. STATE



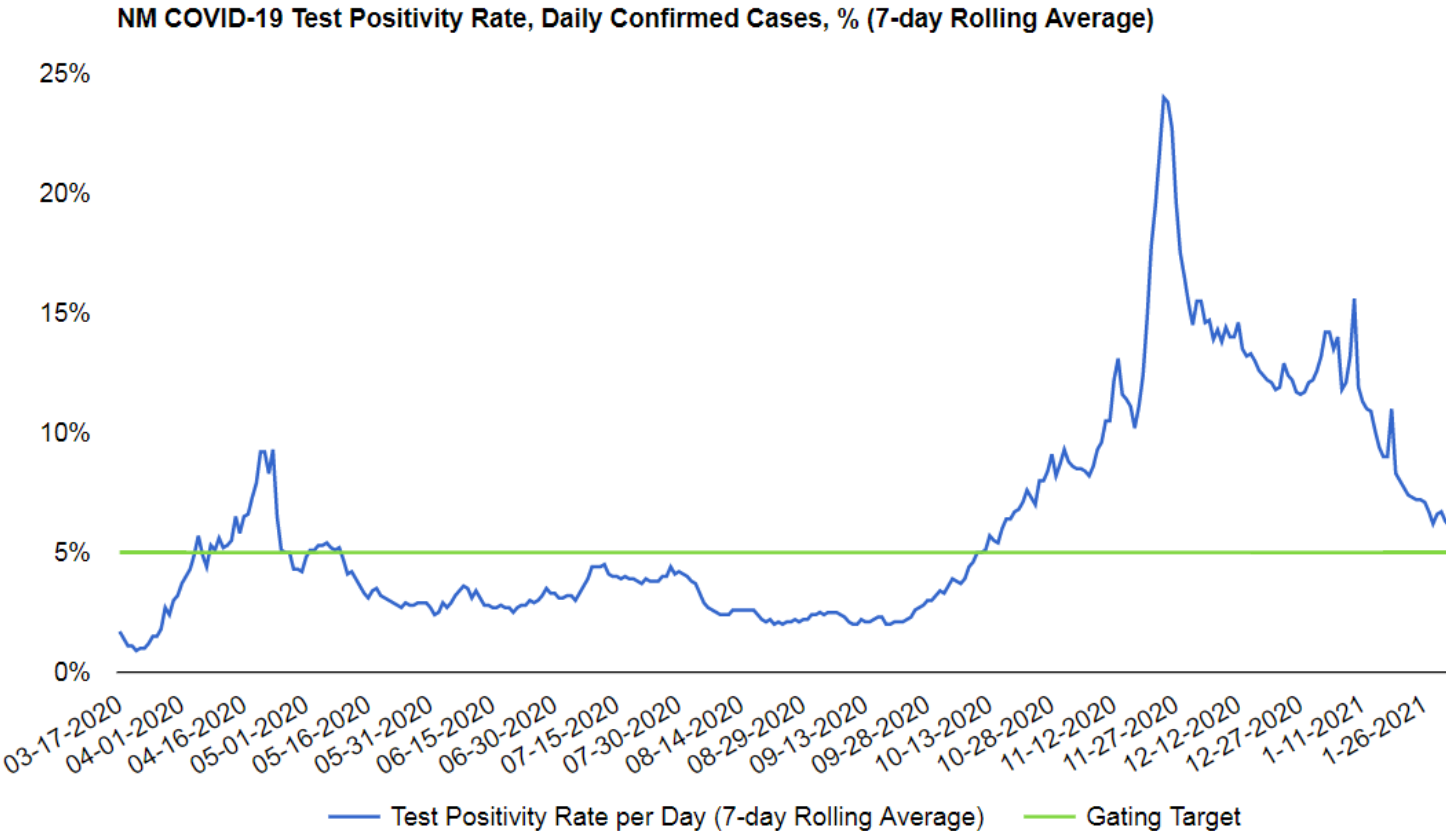
### Territories



## 7-day Percent Positivity



# COVID-19 TEST POSITIVITY RATE



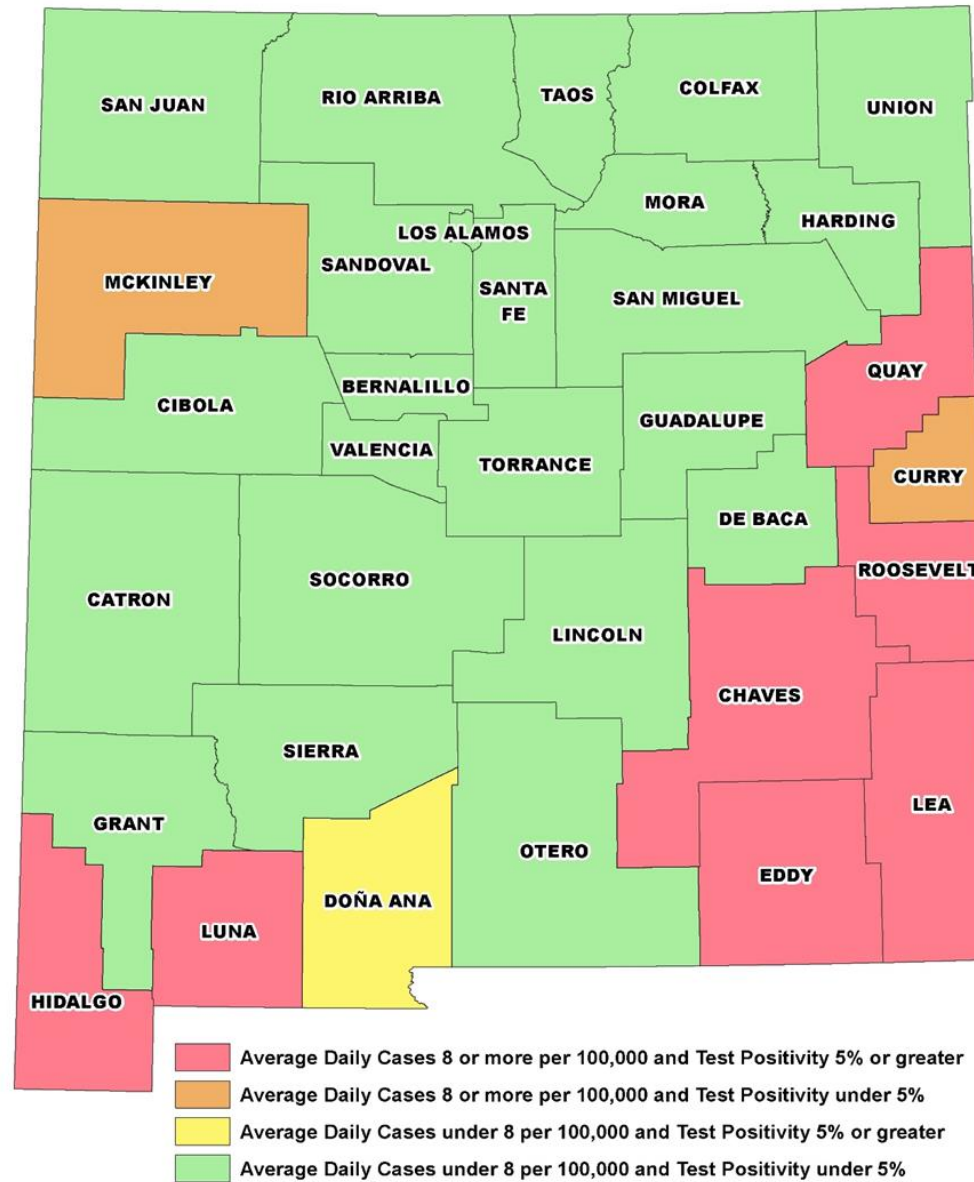
*How to calculate test positivity rate*

$$\frac{\text{Number of unduplicated positive COVID-19 tests}}{\text{Total number of unduplicated COVID-19 tests}} = 3.94\%$$

434 COVID-19 positive tests reported 2/2  
 11,013 COVID-19 tests reported 2/2

<https://cvmodeling.nmhealth.org/public-health-gating-criteria-for-reopening-nm/testing-capacity/>

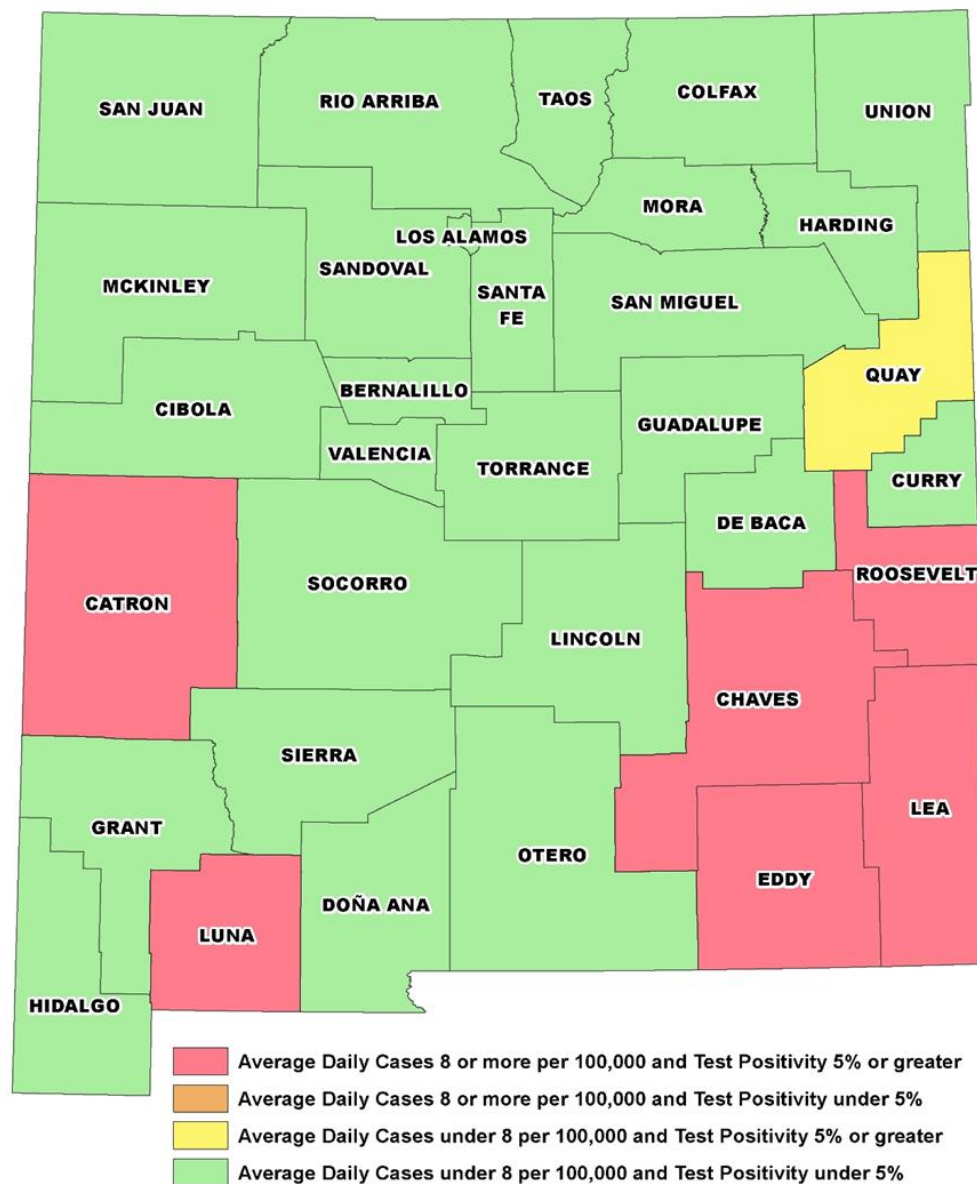
September 1, 2020



COVID-19 Average Daily Case Rates by Test Positivity, New Mexico Counties, August 19 - September 1, 2020

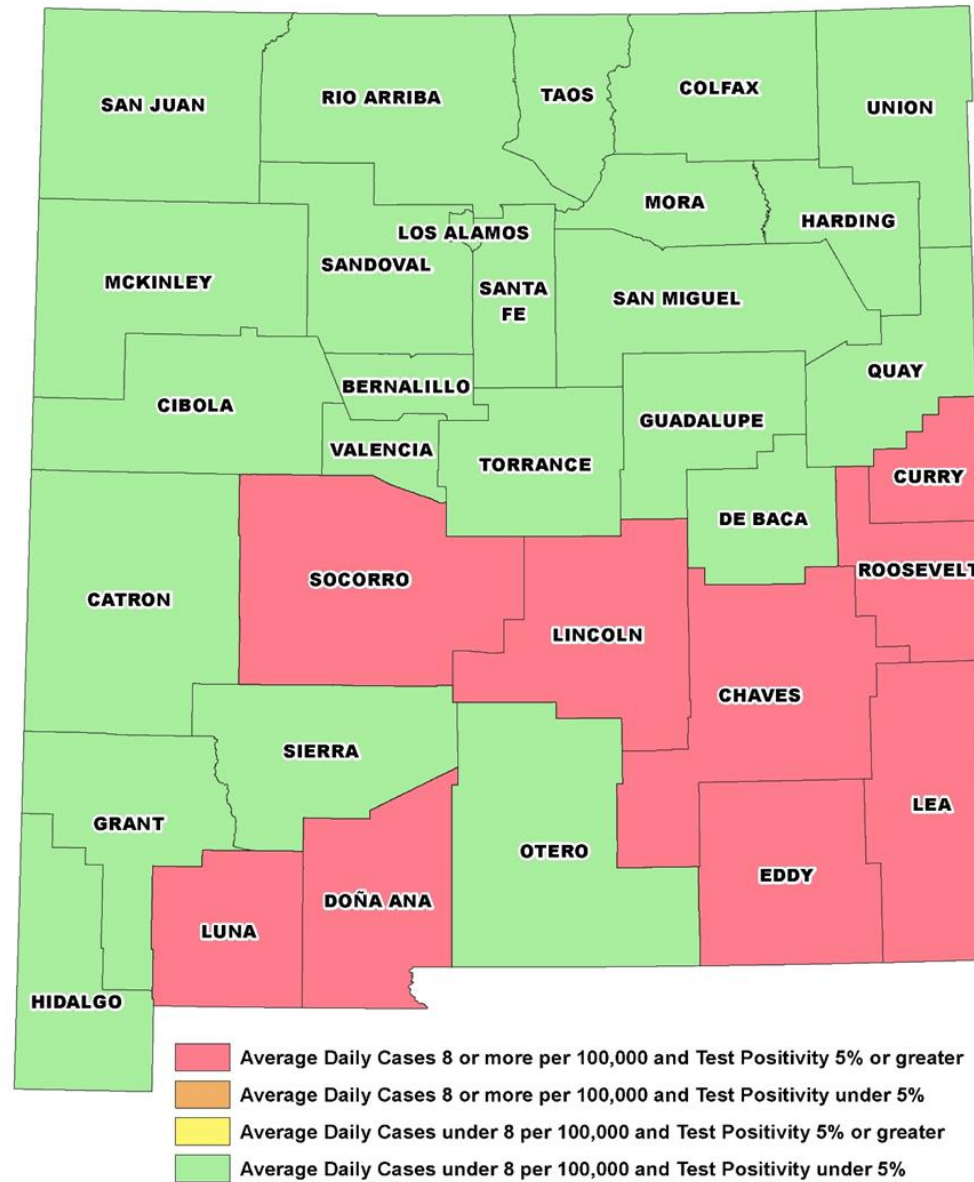


September 15, 2020



**COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, September 2 - September 15, 2020**

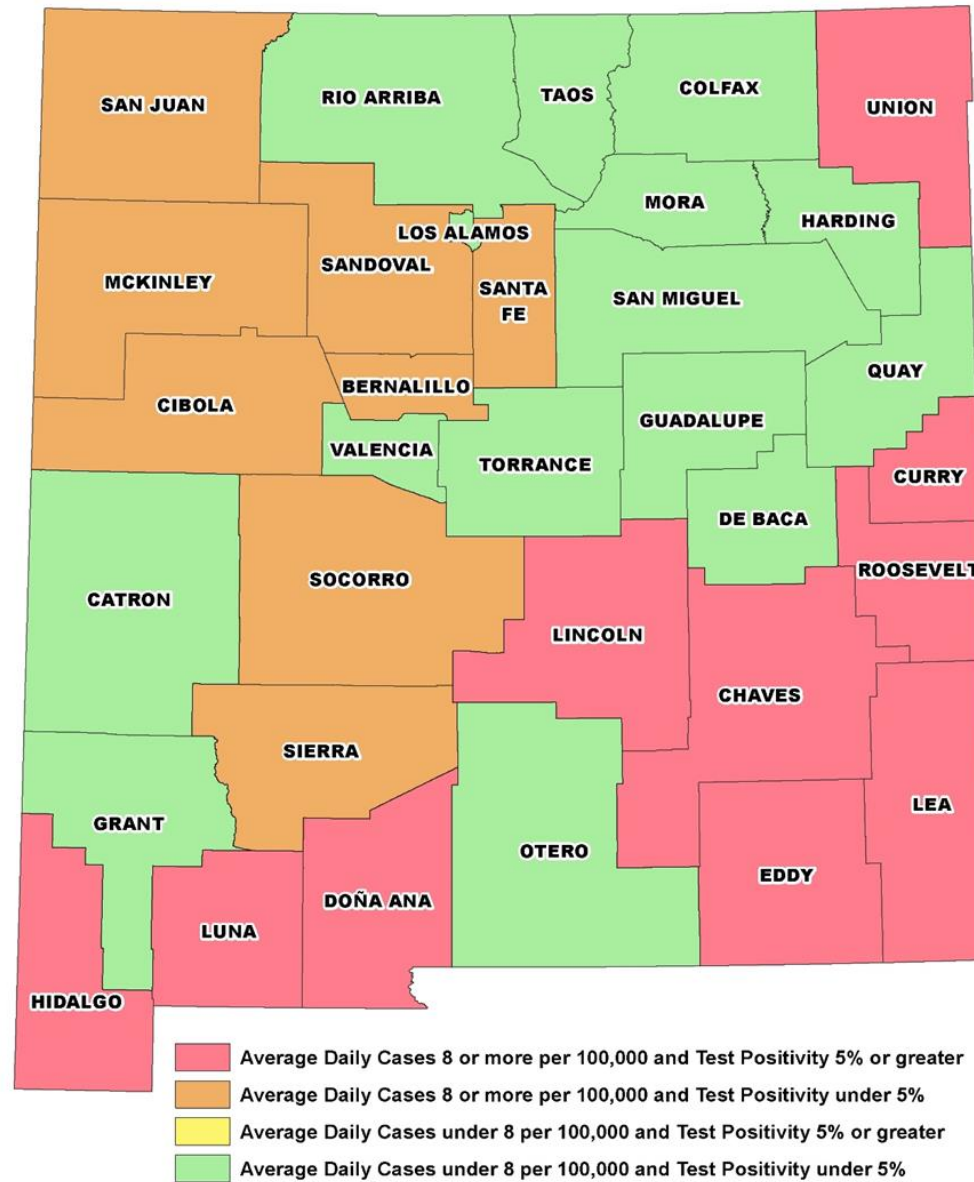
September 28, 2020



COVID-19 Average Daily Case Rates by Test Positivity, New Mexico Counties, September 15 - September 28, 2020

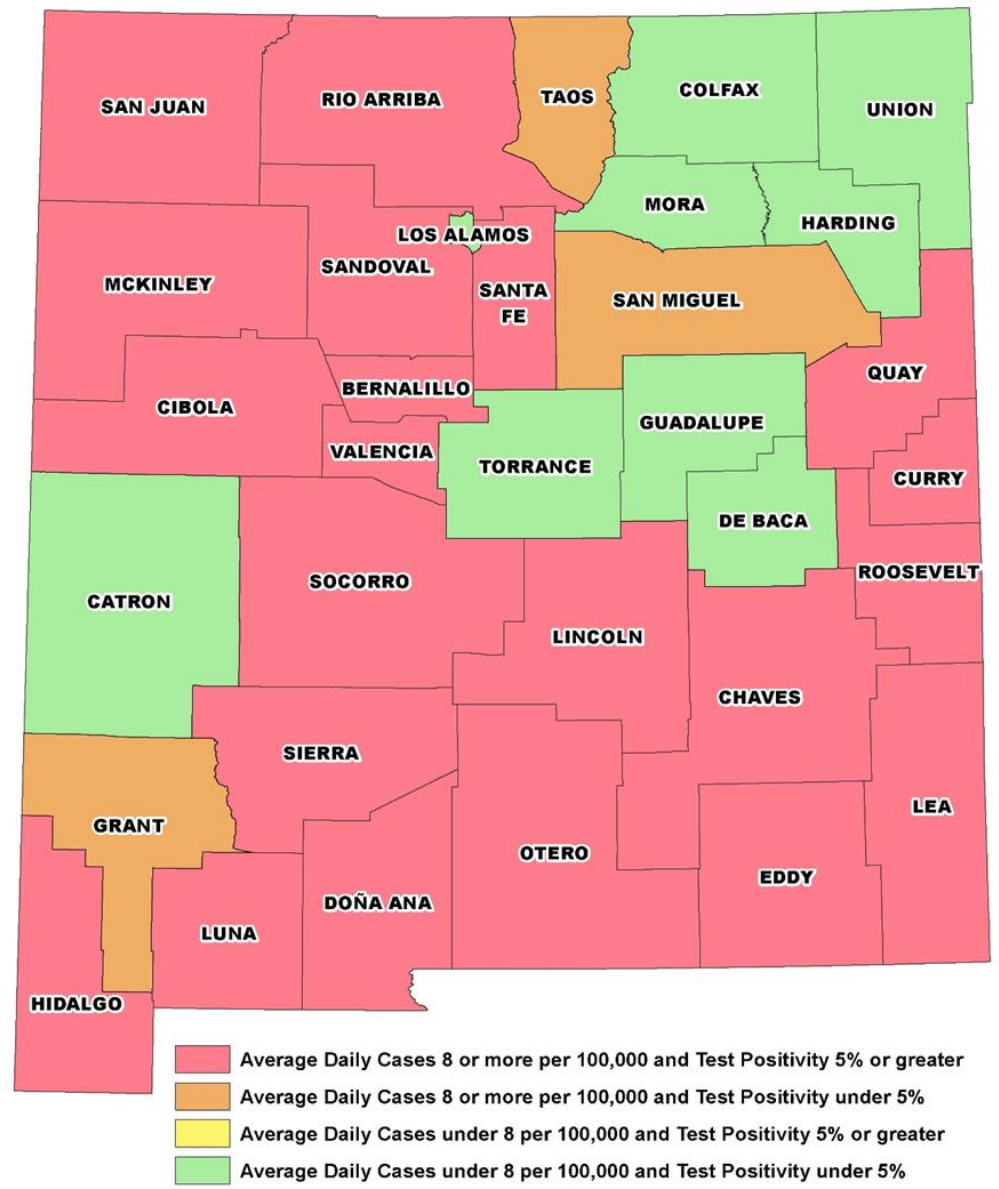


October 12, 2020



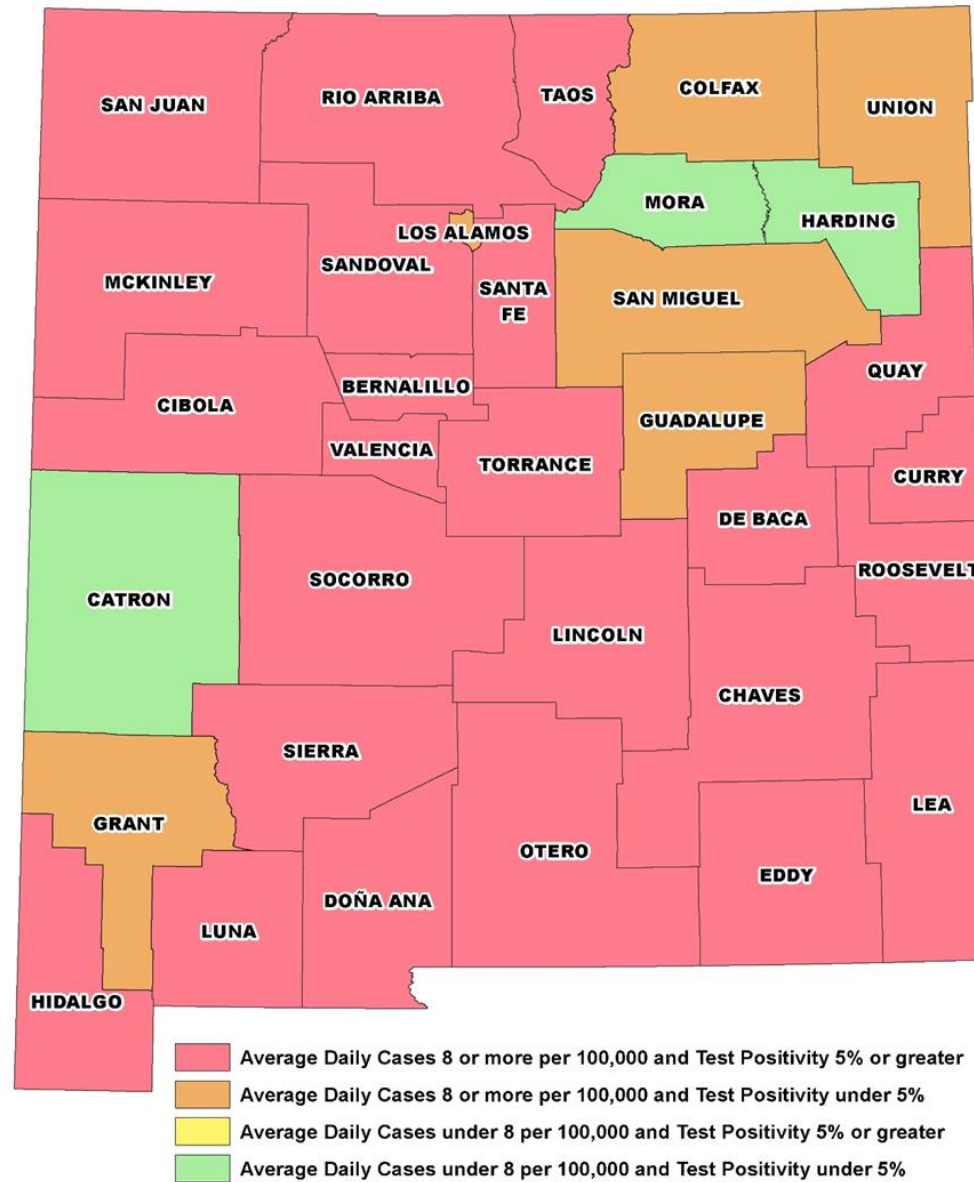
COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, September 29 - October 12, 2020

October 26, 2020



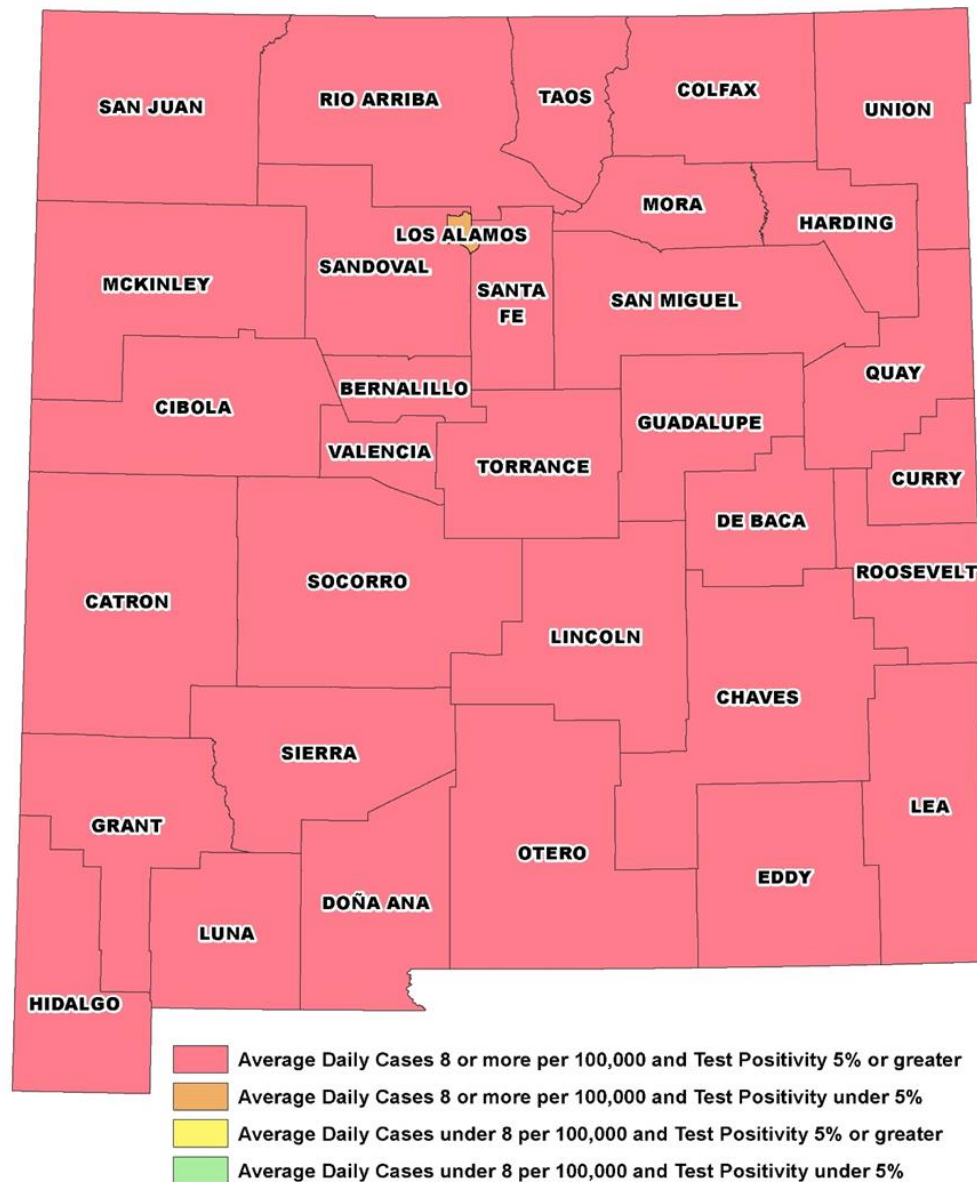
COVID-19 Average Daily Case Rates by Test Positivity, New Mexico Counties, October 13 - October 26, 2020

November 9, 2020



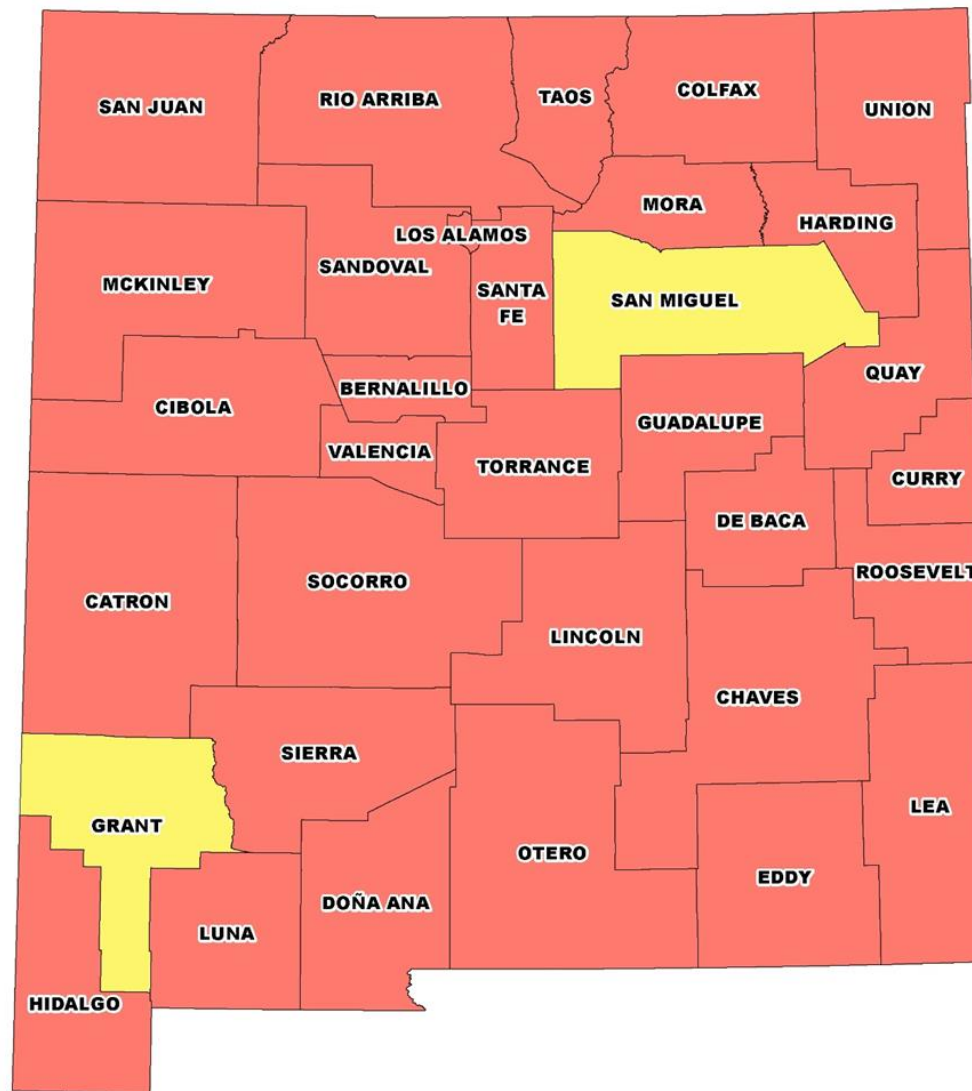
COVID-19 Average Daily Case Rates by Test Positivity, New Mexico Counties, October 27 - November 9, 2020

November 23, 2020



COVID-19 Average Daily Case Rates by Test Positivity, New Mexico Counties, November 10 - November 23, 2020

December 7, 2020

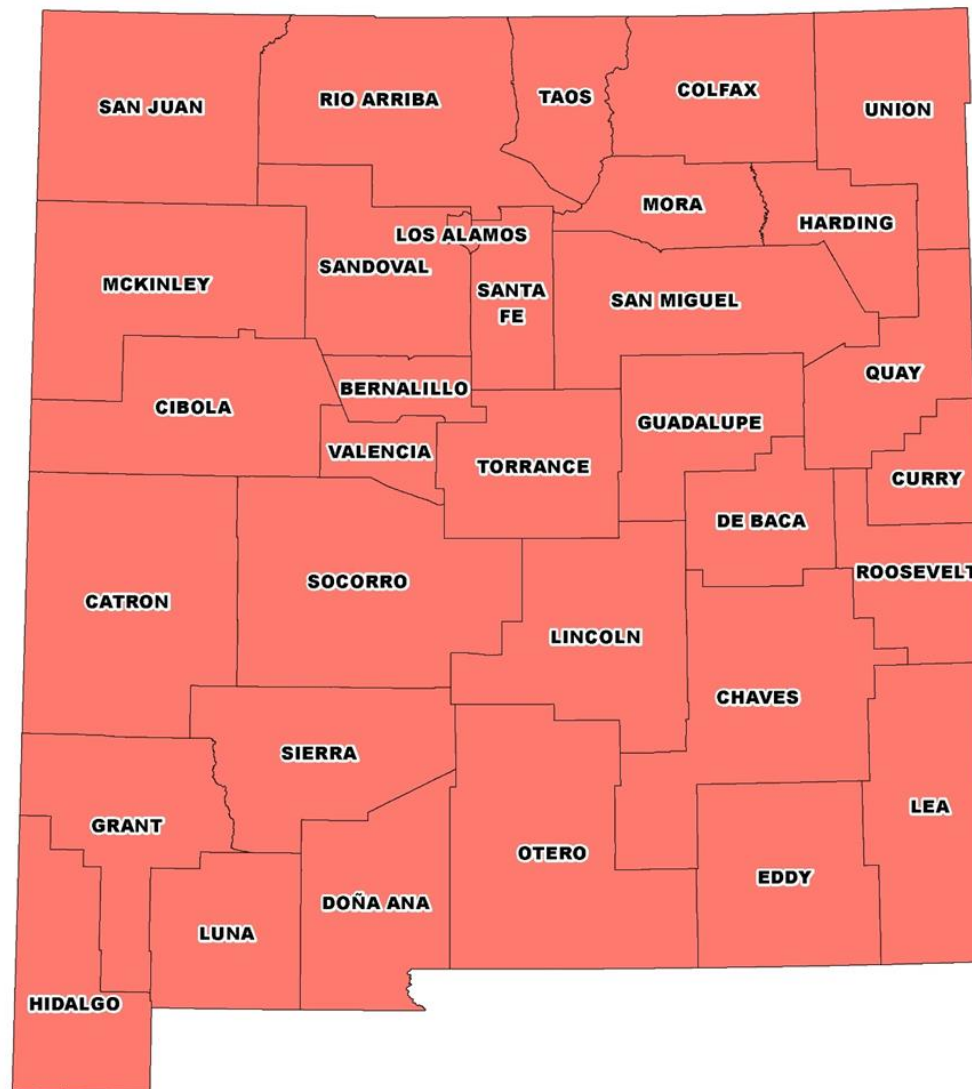


- Both Average Daily Cases more than 8 per 100,000 and Test Positivity greater than 5%
- Either Average Daily Cases 8 or fewer per 100,000 or Test Positivity 5% or lower
- Both Average Daily Cases 8 or fewer per 100,000 and Test Positivity 5% or lower

**COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, November 24 - December 7, 2020**



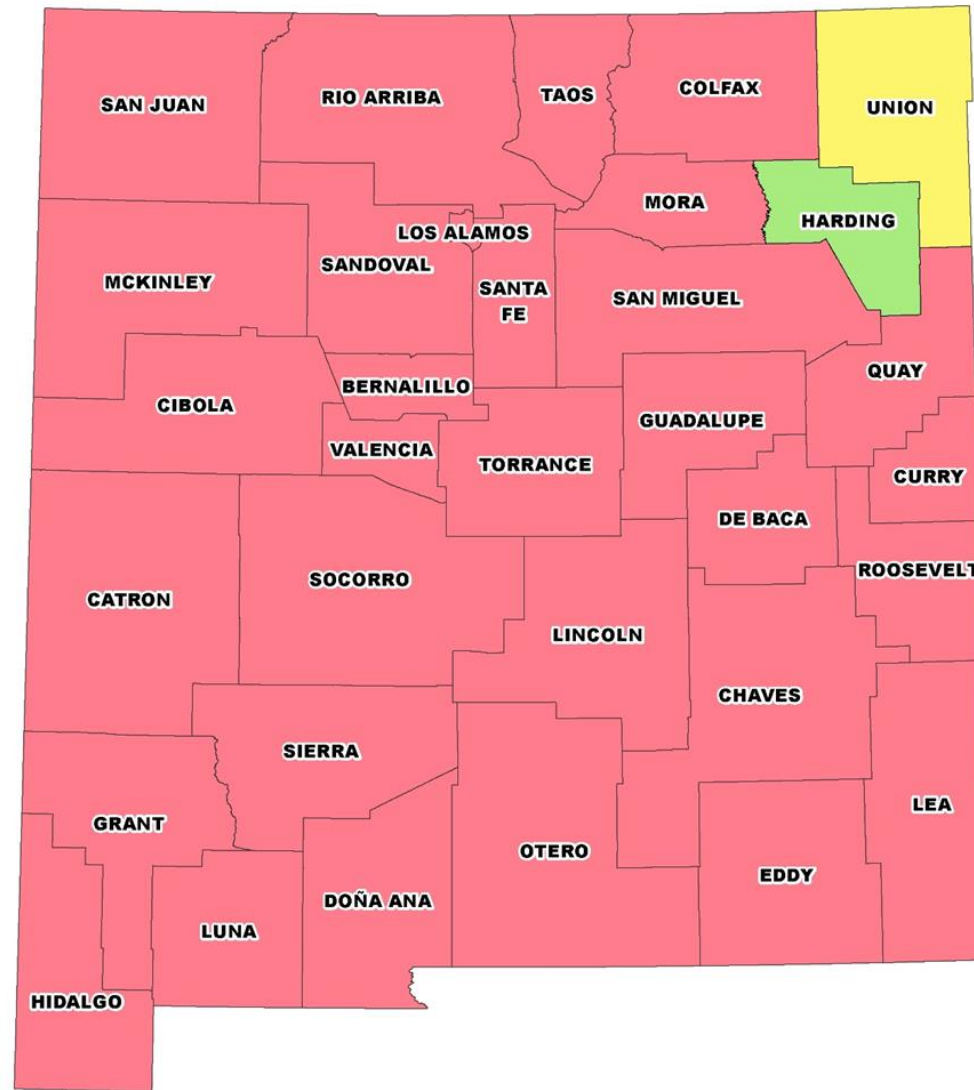
December 21, 2020



- Both Average Daily Cases more than 8 per 100,000 and Test Positivity greater than 5%
- Either Average Daily Cases 8 or fewer per 100,000 or Test Positivity 5% or lower
- Both Average Daily Cases 8 or fewer per 100,000 and Test Positivity 5% or lower

**COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, December 8 - December 21, 2020**

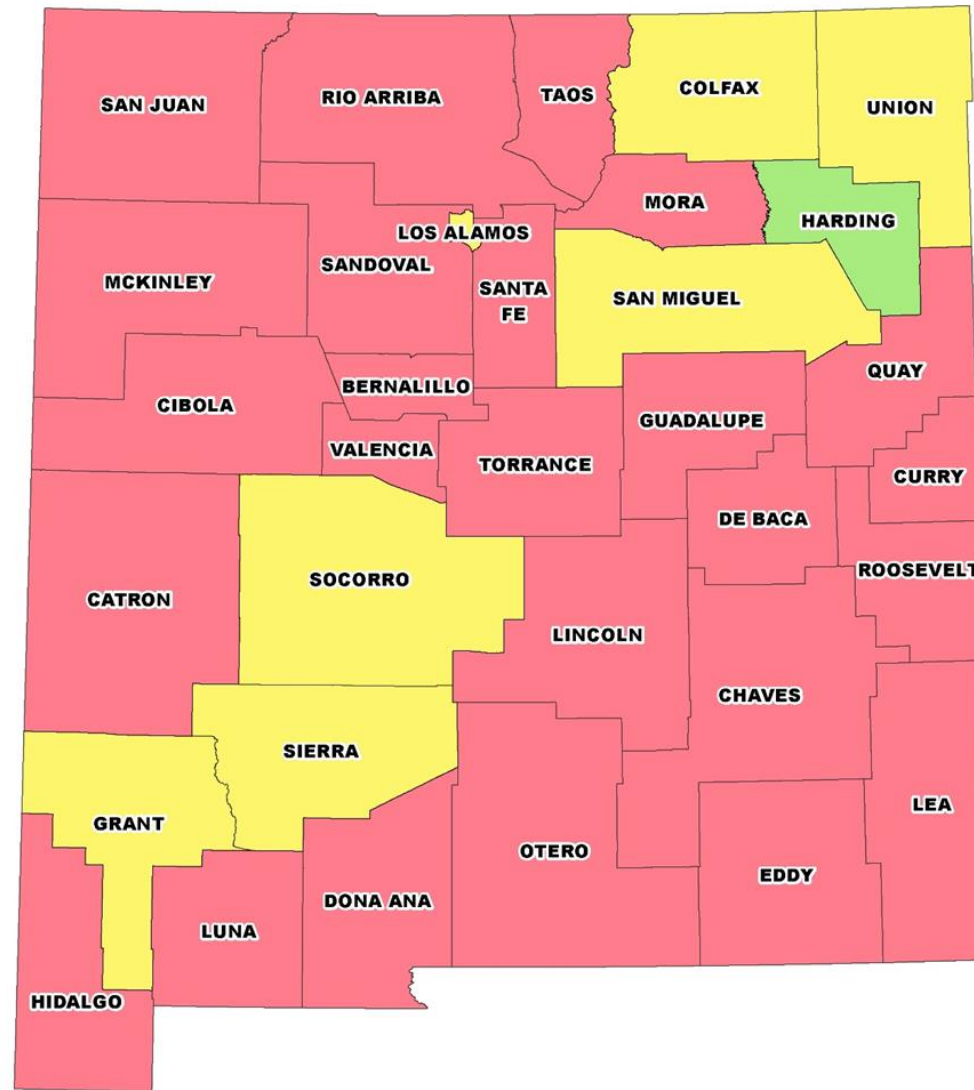
January 11, 2021



- Both Average Daily Cases more than 8 per 100,000 and Test Positivity greater than 5%
- Either Average Daily Cases 8 or fewer per 100,000 or Test Positivity 5% or lower
- Both Average Daily Cases 8 or fewer per 100,000 and Test Positivity 5% or lower

**COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, December 29, 2020 - January 11, 2021**

January 25, 2021



- Red: Both Average Daily Cases more than 8 per 100,000 and Test Positivity greater than 5%
- Yellow: Either Average Daily Cases 8 or fewer per 100,000 or Test Positivity 5% or lower
- Green: Both Average Daily Cases 8 or fewer per 100,000 and Test Positivity 5% or lower

COVID-19 Average Daily Case Rates by Test Positivity,  
New Mexico Counties, January 12 - January 25, 2021



# WE MUST REMAIN VIGILANT

## Nothing about the virus has changed!

- Cases continue to decline but remain high.
- Get tested if you think you have COVID-19 or have been exposed to someone who is positive.
- We ALL need to stay committed to fighting the virus for several more months.

**CASES COUNTS REMAIN TOO HIGH.**

**WE ALL STILL MUST FIGHT THE VIRUS.**

**STAY AT HOME.**

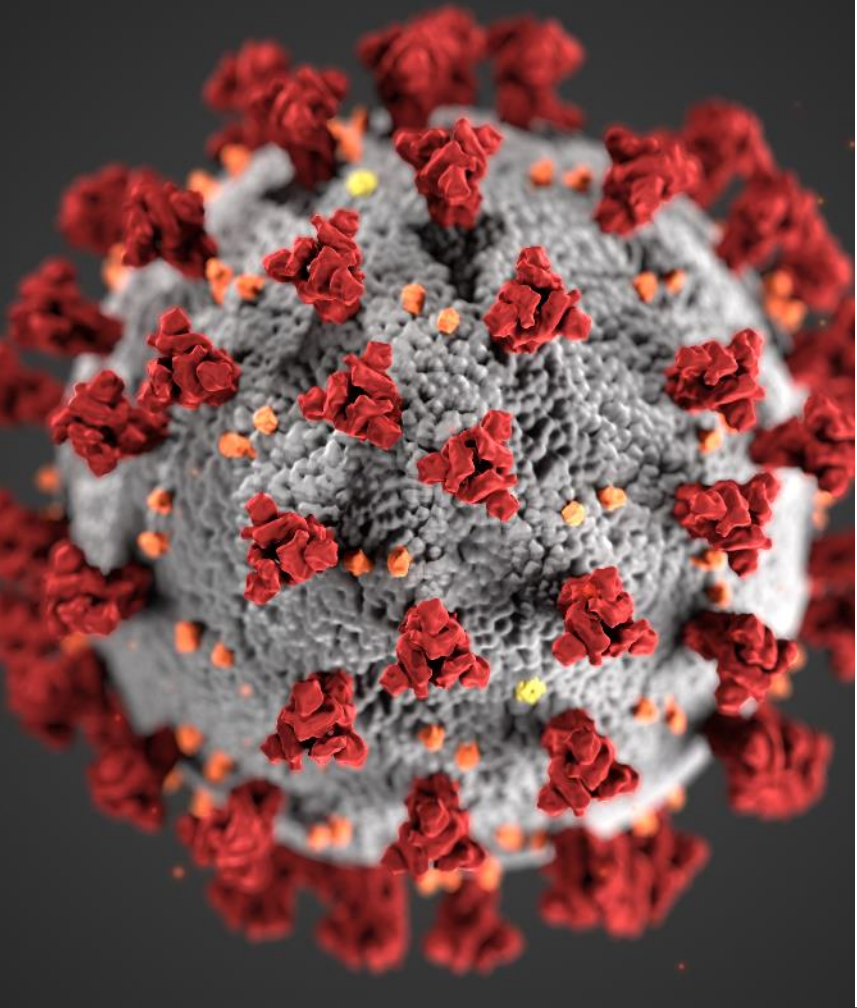
**Wash hands, clean surfaces, cough into tissue/elbow.**

**Everyone needs to wear face coverings in public.**

**Maintain social distancing (minimum 6 feet).**



*She the Culture* by Stat Philips. “I developed this piece to provide an illustration for underrepresented women of color on the front lines fighting the spread of a worldly disease.”



# QUESTIONS

*INVESTING FOR TOMORROW, DELIVERING TODAY.*