

COVID-19 DAY 330 PRESS UPDATE

FEBRUARY 3, 2021

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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[‡]

***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
Eligible Groups within Phase 1b	
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 ineffective	Resistant to vaccine sera (~2 fold)
B.1.28.1 (P.1)	Manaus (Brazil)	Bamlanivimab and Regeneron may be less effective	Unknown
B.1.351 (20H/501Y.V2)	South Africa	Refractory to both NTD- and RBD-directed monoclonal antibodies, with E484K mutation as primary reason	Resistant 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

Bamlanivimab (vials)	Regeneron (patient courses)	Remdesivir (vials)
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

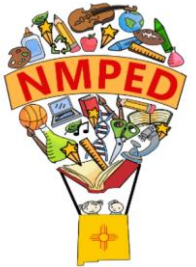
SECONDARY SCHOOLS INCLUDED IN NEW RETURN-TO-SCHOOL PLAN

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:

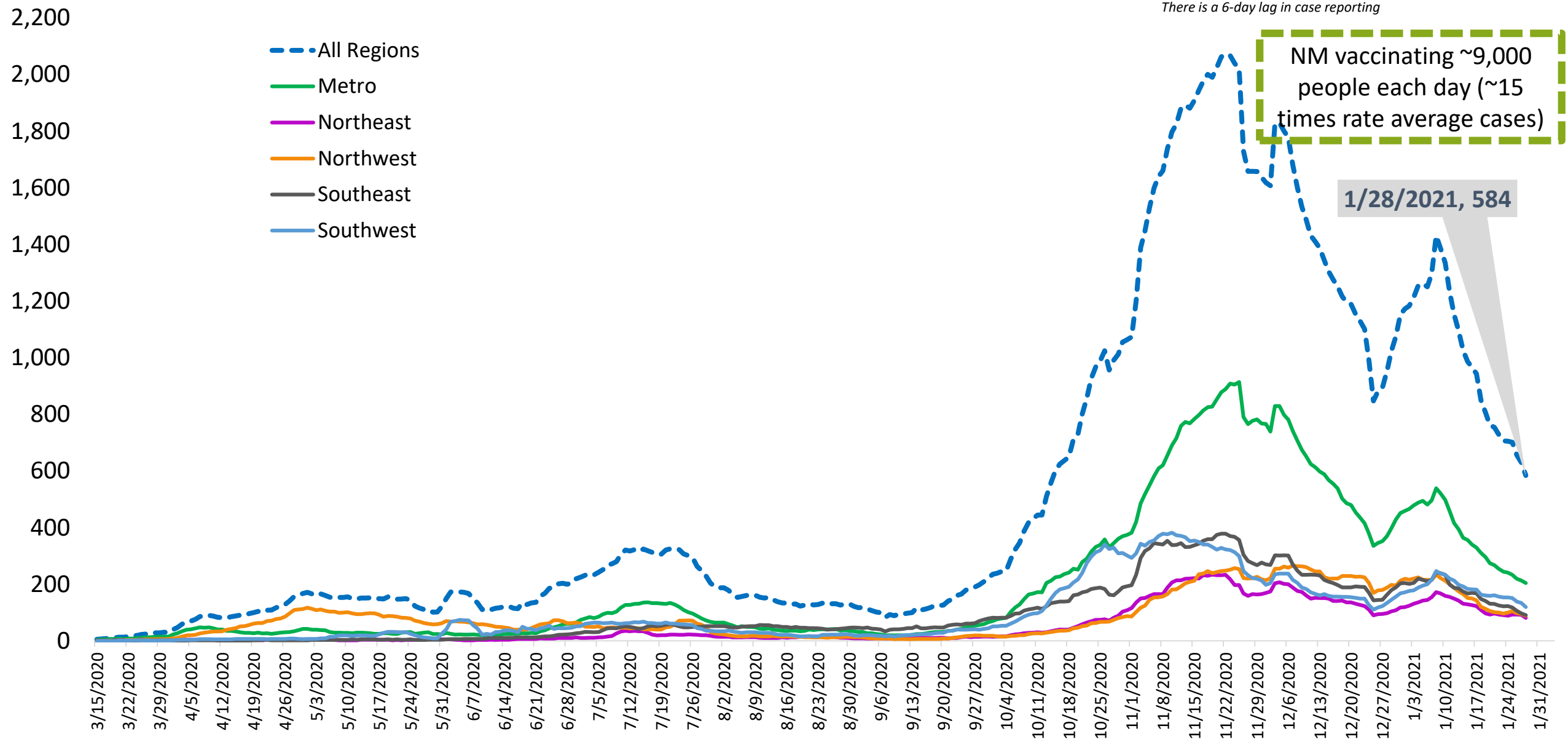
- All schools — elementary and secondary — in all counties will be eligible to enter the hybrid mode, which means bringing back up to 50 percent of students at a time in order to maintain social distancing and to keep students in smaller cohorts to avoid virus transmission;
- Districts and schools with 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.

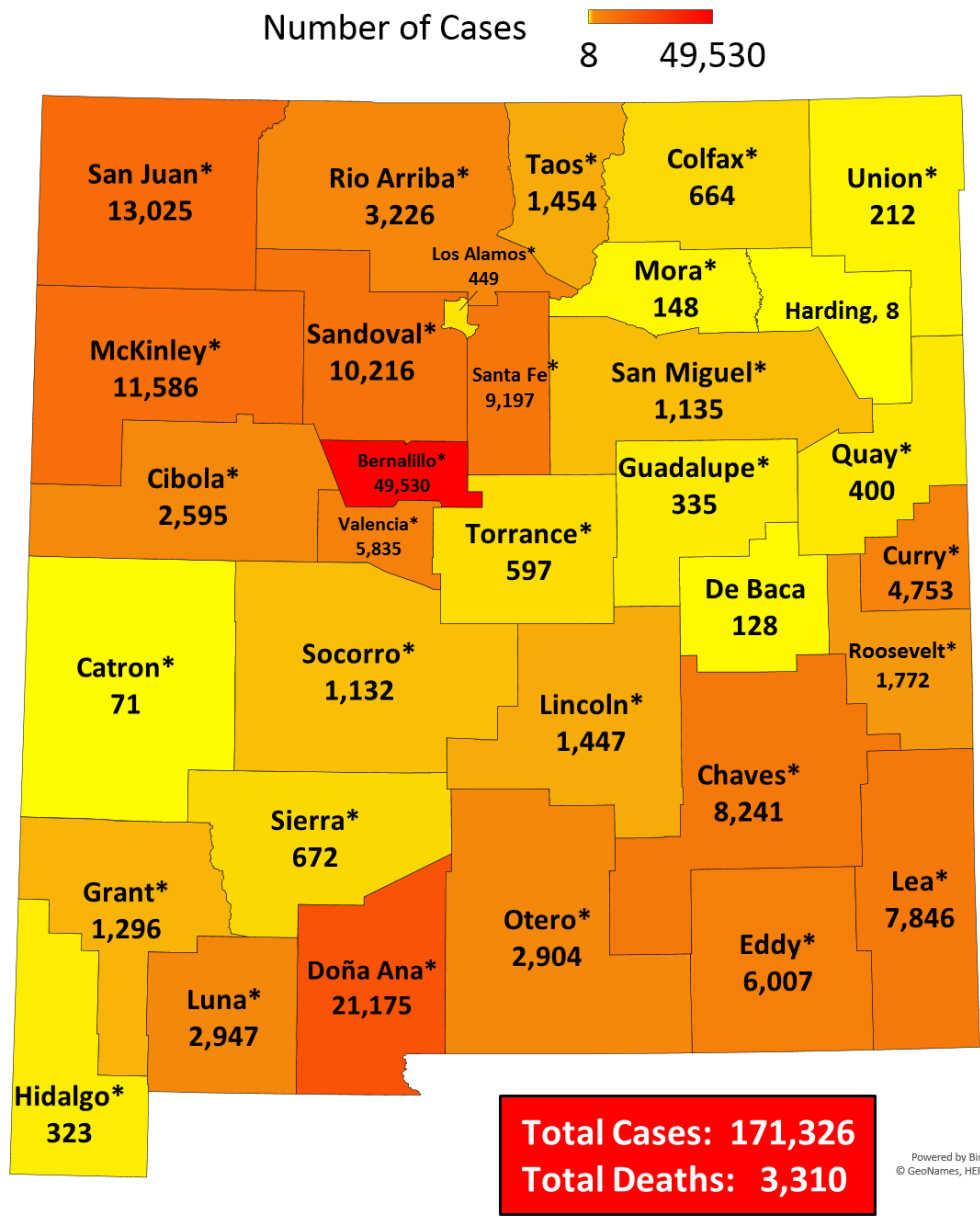


7-Day Average of Daily COVID-19 Positive Cases by Date of Specimen Collection, NMDOH Regions 2/3/2021

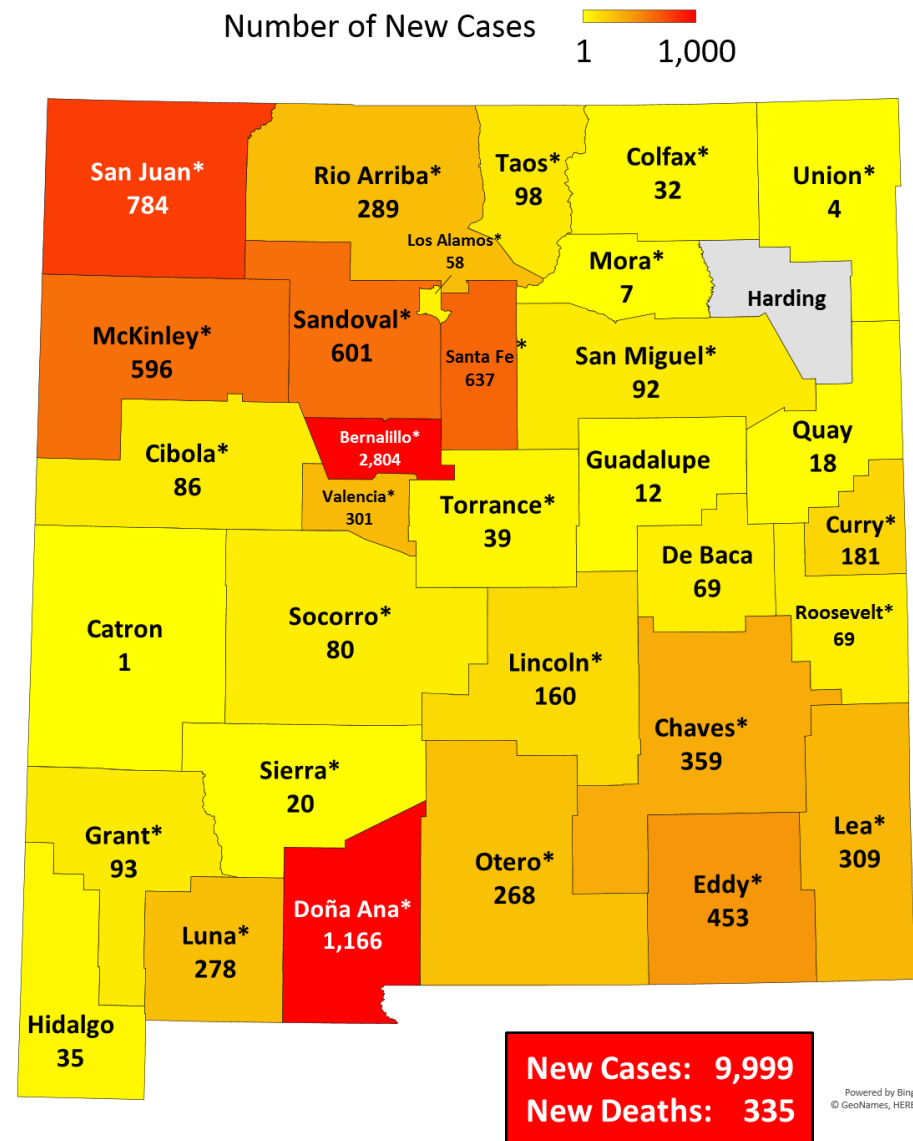
Source: New Mexico Department of Health
There is a 6-day lag in case reporting



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



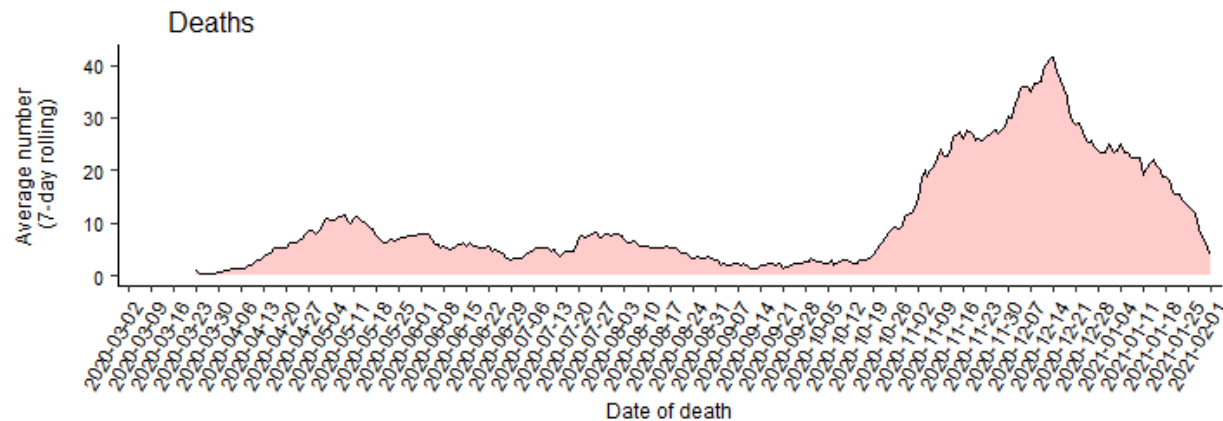
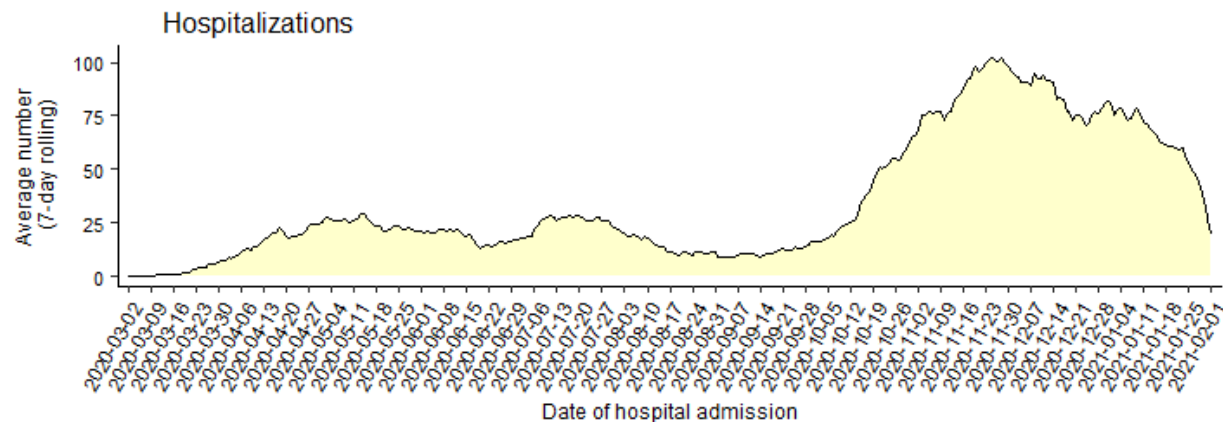
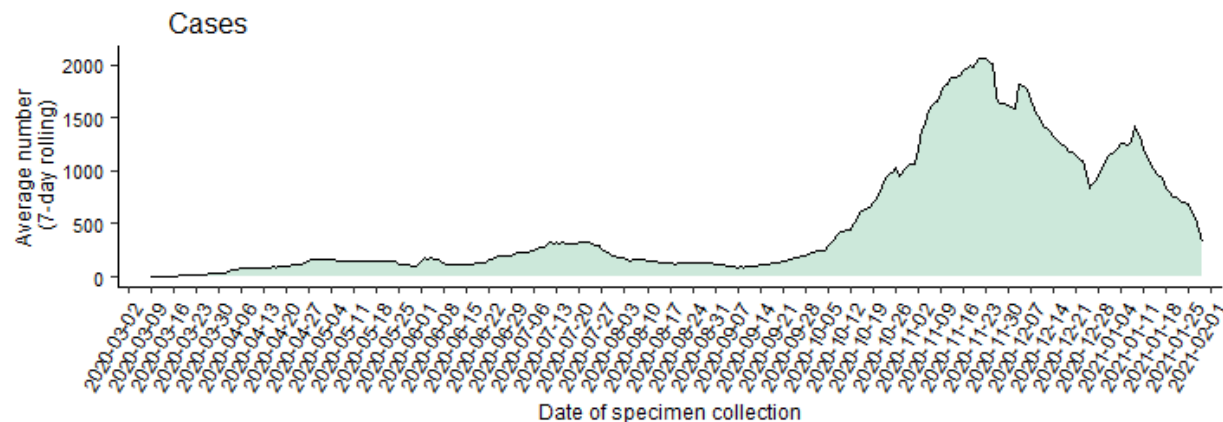
14-Day Total of New COVID-19 Positive Cases¹⁴ (1/20 to 2/2)



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 ¹⁶

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

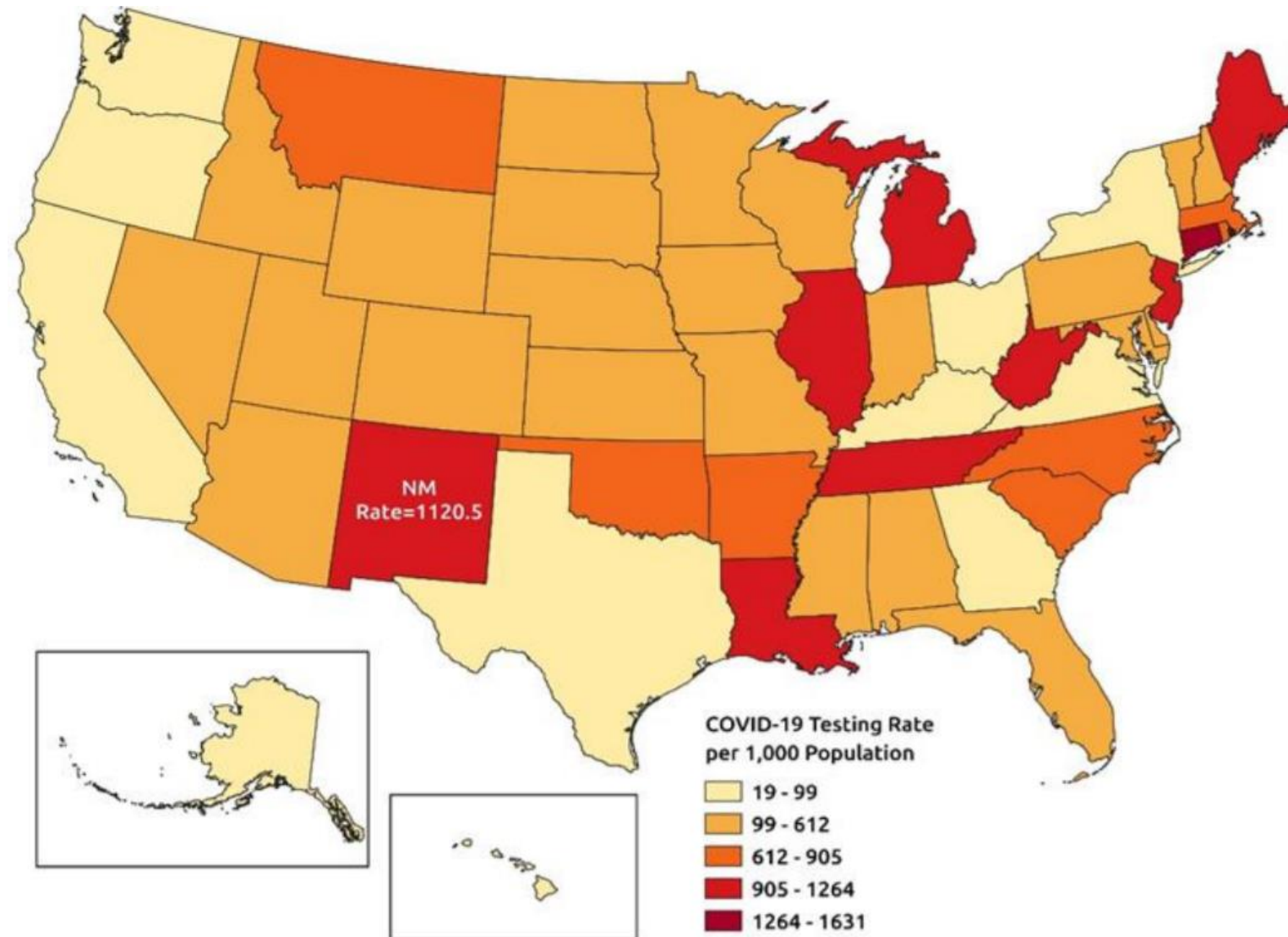
- Case rate is a NM reopening gating criteria (target 168 cases or less)
 - 168 cases = 8 cases per 100,000 NM residents
- Calculating cases per 100,000 residents more easily compares larger and smaller counties.
- Every other week DOH updates State COVID-19 Case Outlook, assigning counties red/yellow/green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

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

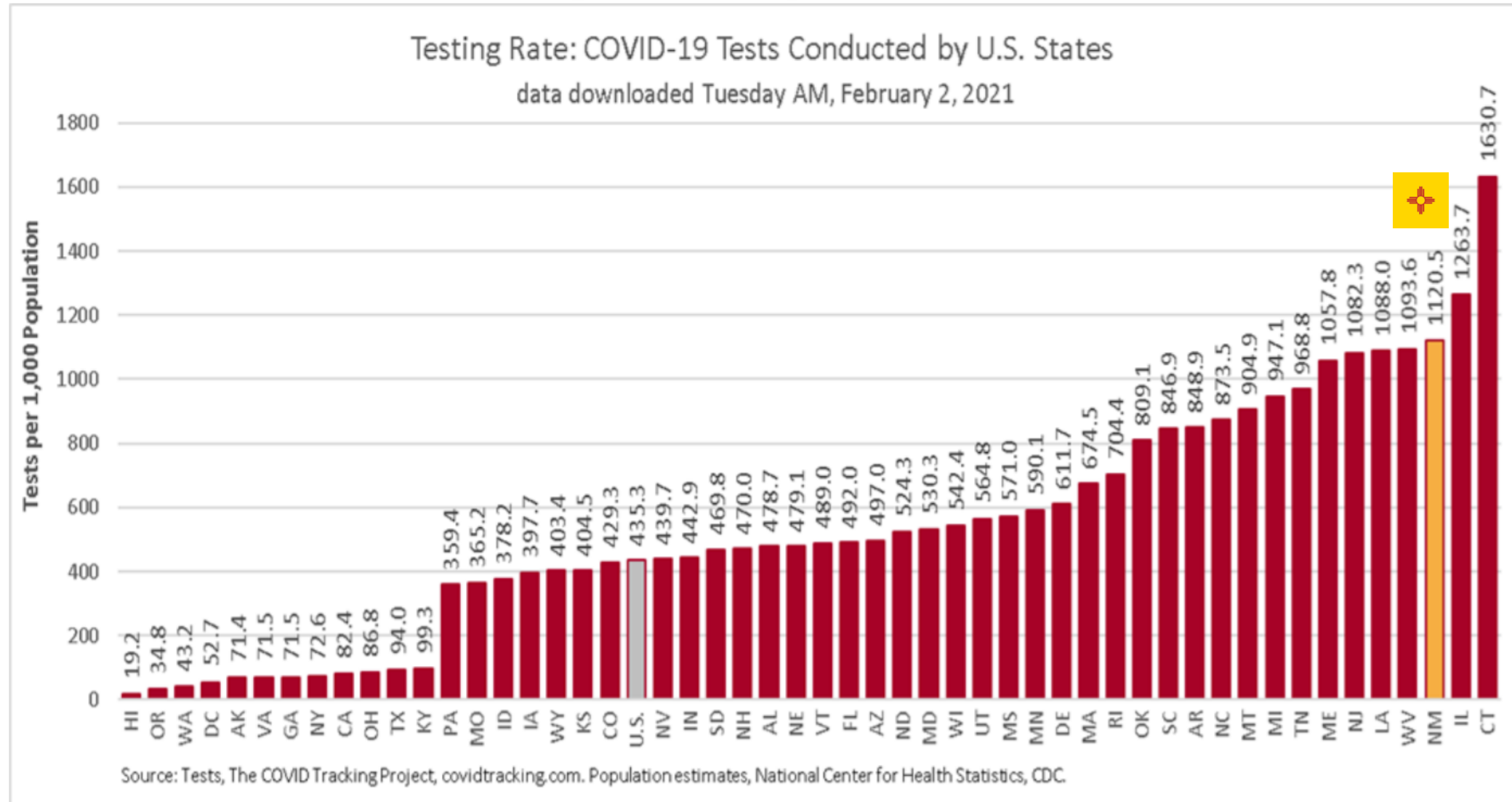
$$\left[\frac{168 \text{ cases in NM}}{2,100,000 \text{ (state population)}} \right] \times 100,000 = 8$$

COVID-19 TESTING RATE



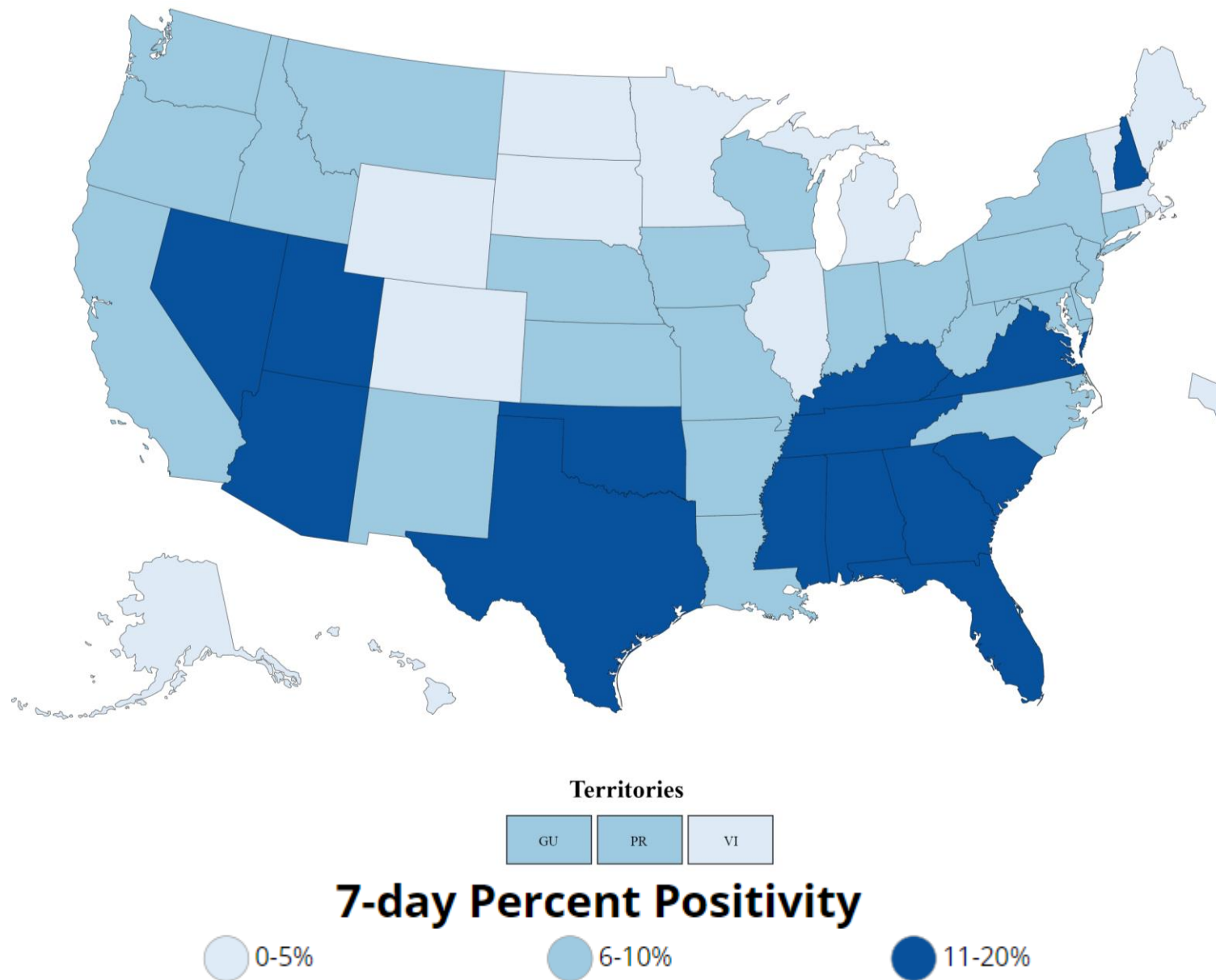
Source: NM Department of Health. https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report_geotrends_02.01.21.pdf. February 1, 2021.

COVID-19 TESTING RATE



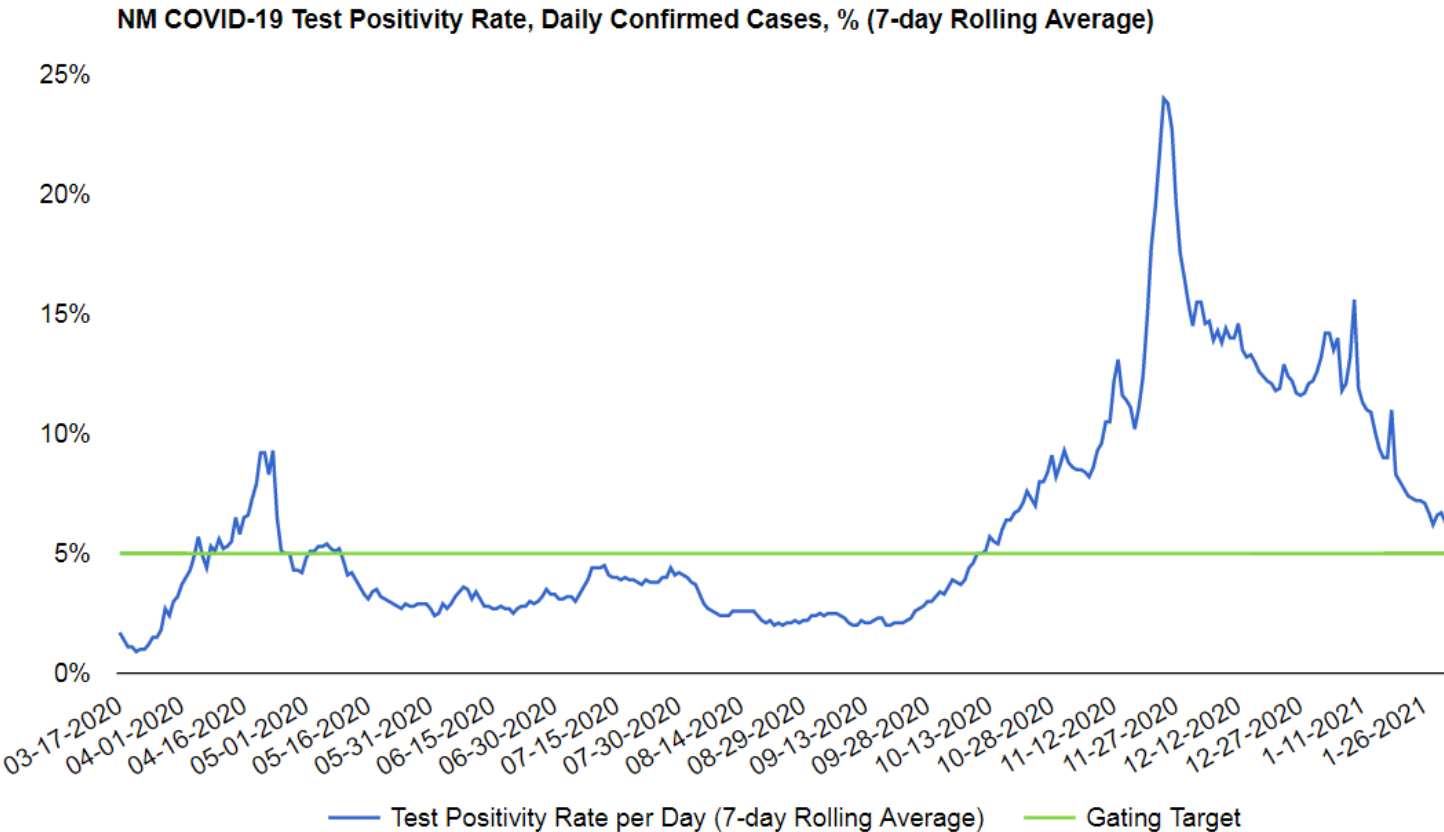
Source: NM Department of Health. https://cv.nmhealth.org/wp-content/uploads/2021/02/State-Report_geotrends_02.01.21.pdf. February 2, 2021.

TEST POSITIVITY BY U.S. STATE



Source: U.S. CDC. https://covid.cdc.gov/covid-data-tracker/#testing_positivity7day. February 2, 2021.

COVID-19 TEST POSITIVITY RATE

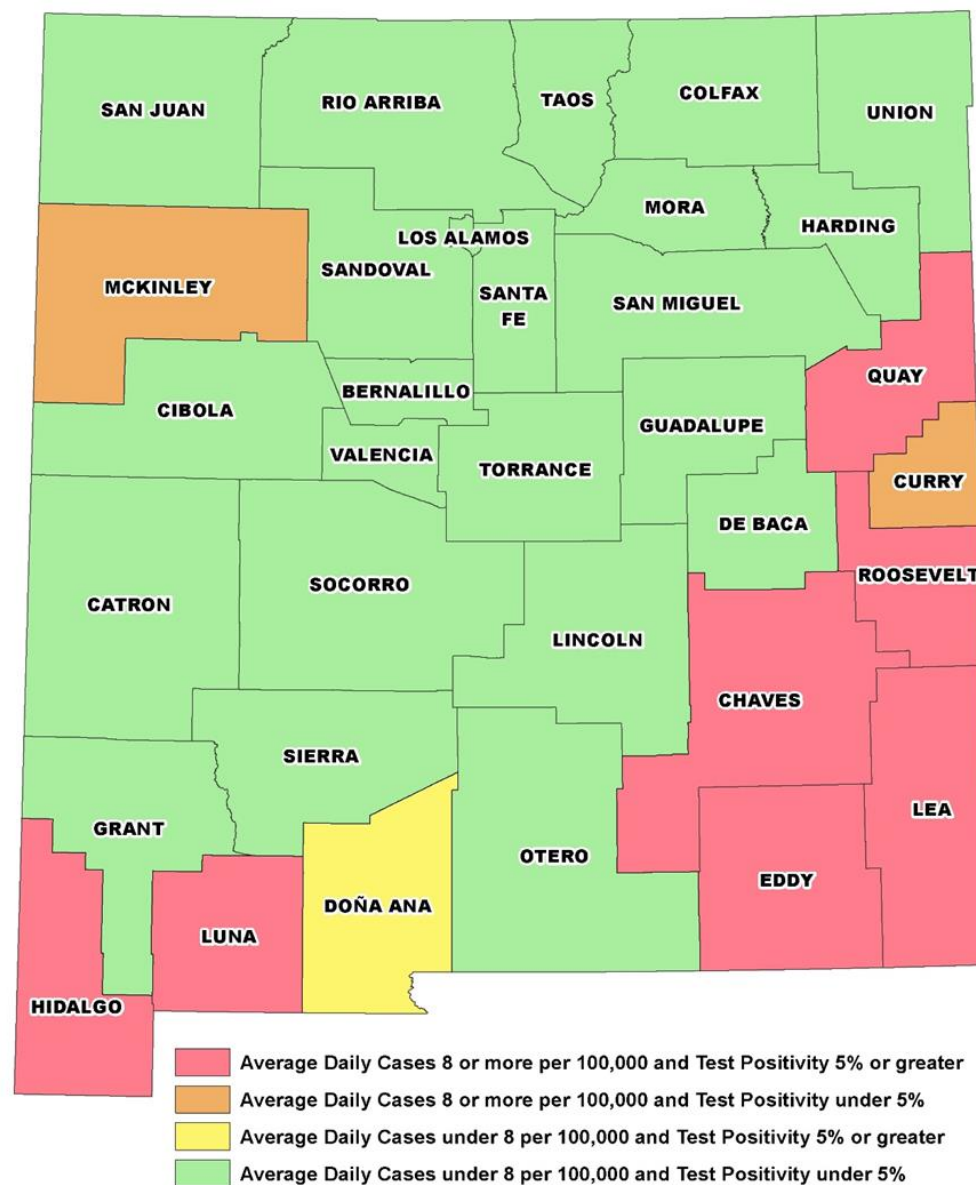


How to calculate test positivity rate

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

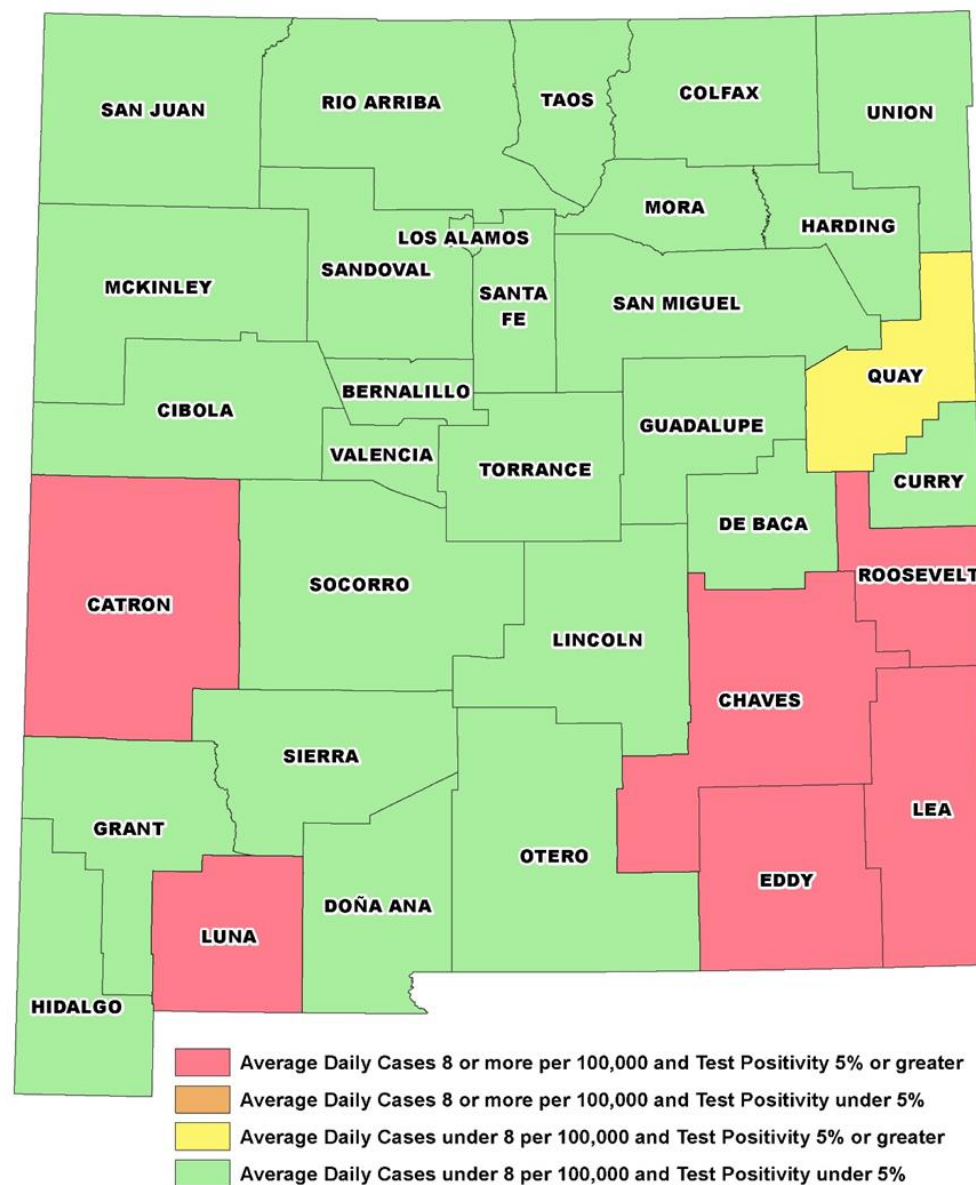
$$\frac{434 \text{ COVID-19 positive tests reported 2/2}}{11,013 \text{ COVID-19 tests reported 2/2}} = 3.94\%$$

September 1, 2020



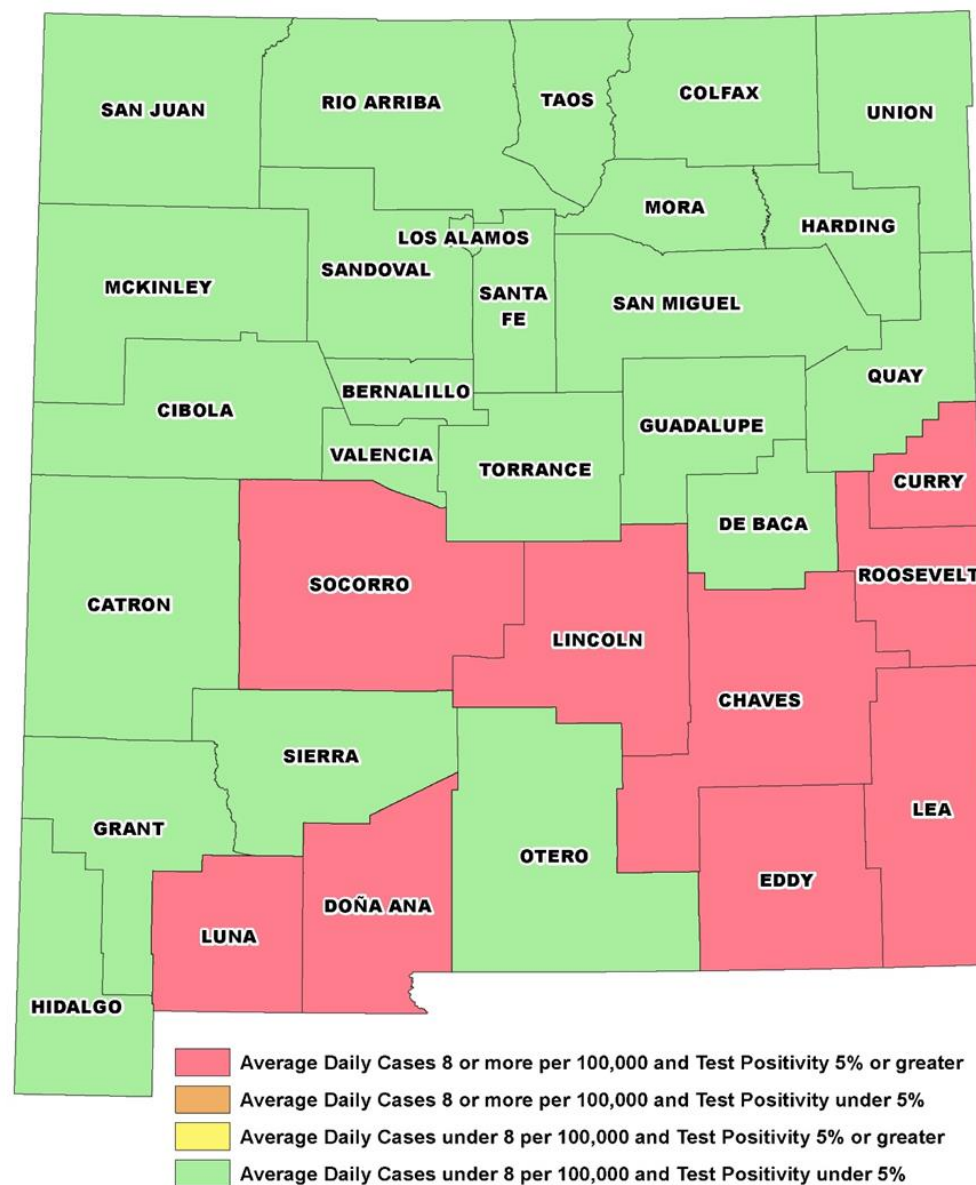
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, August 19 - September 1, 2020

September 15, 2020



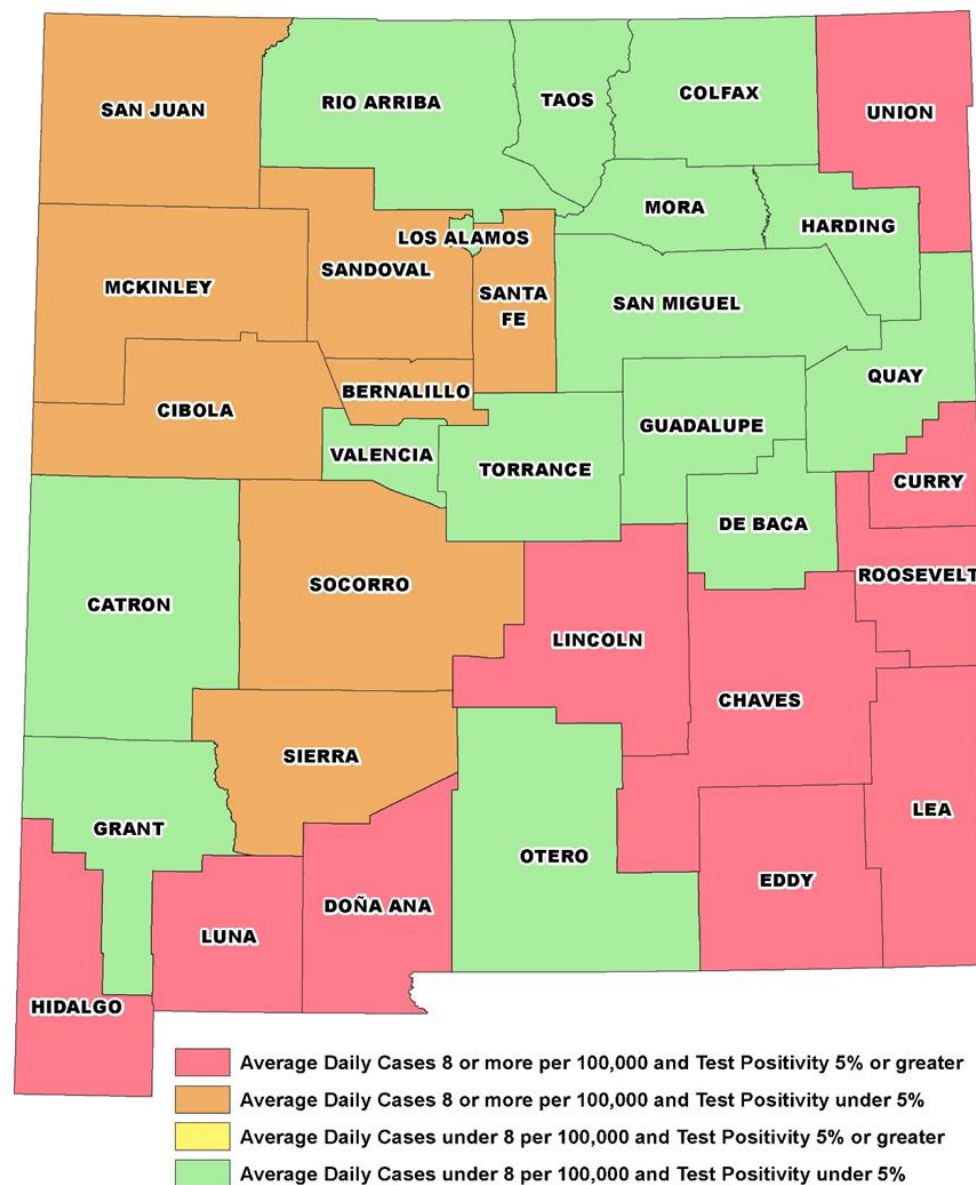
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, September 2 - September 15, 2020

September 28, 2020



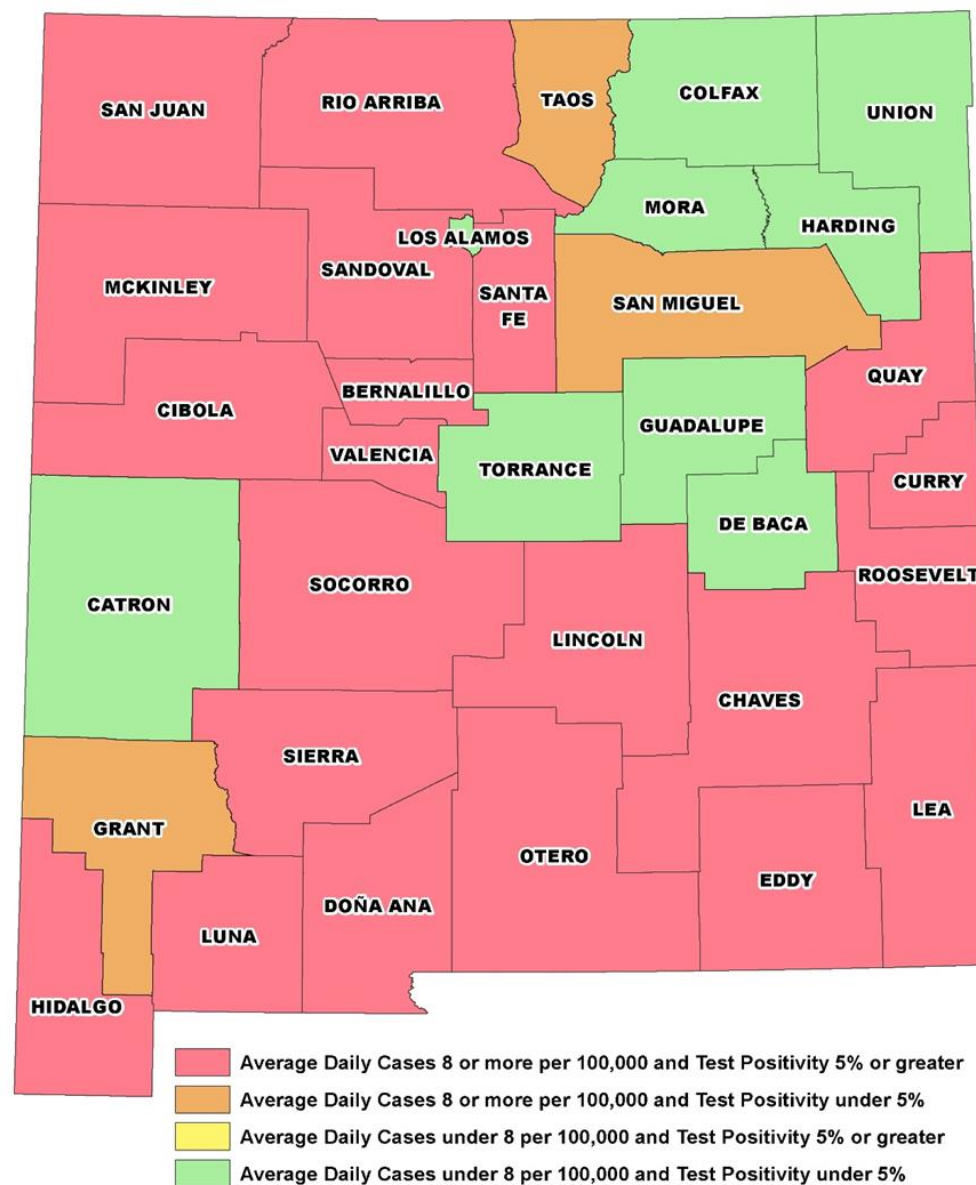
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, September 15 - September 28, 2020

October 12, 2020



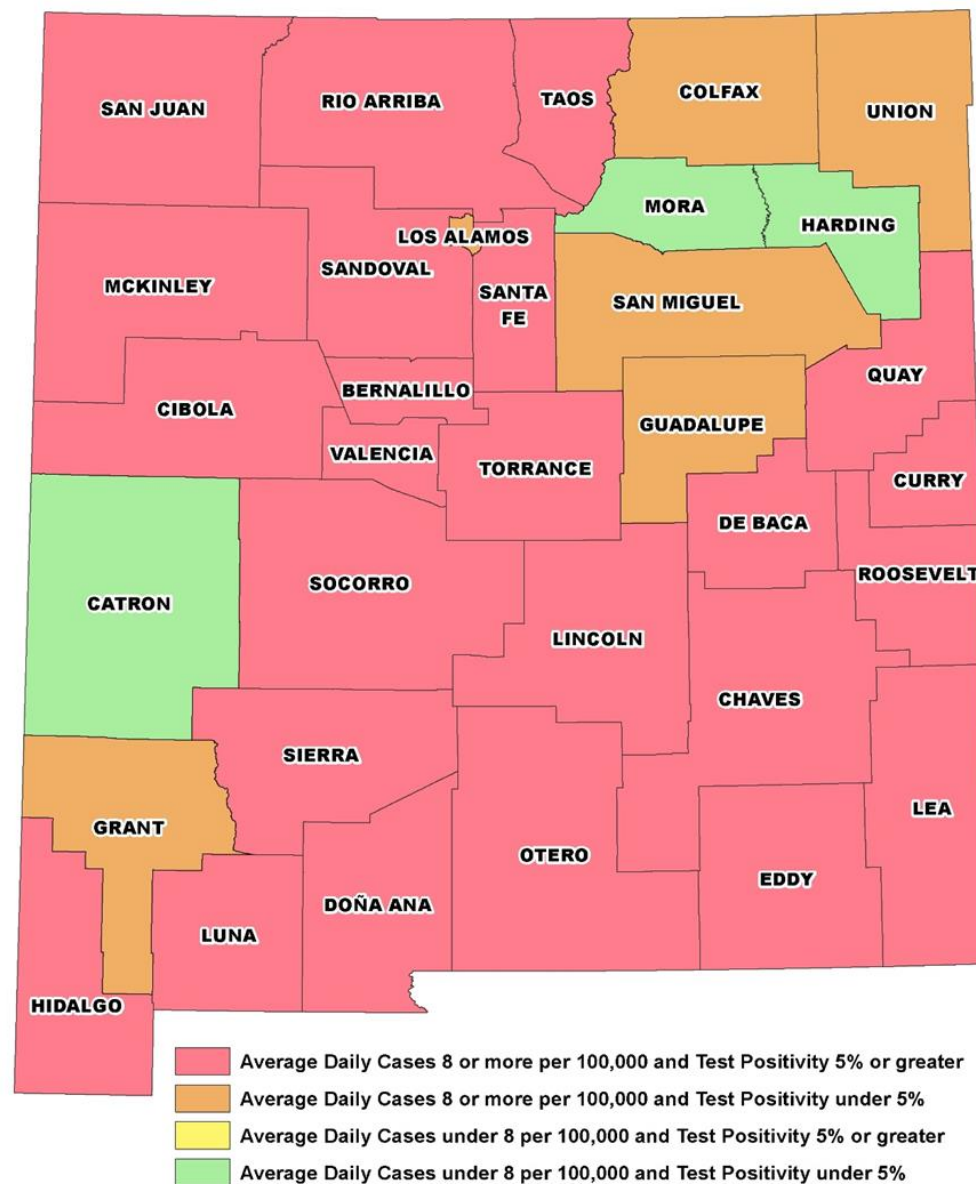
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, September 29 - October 12, 2020

October 26, 2020



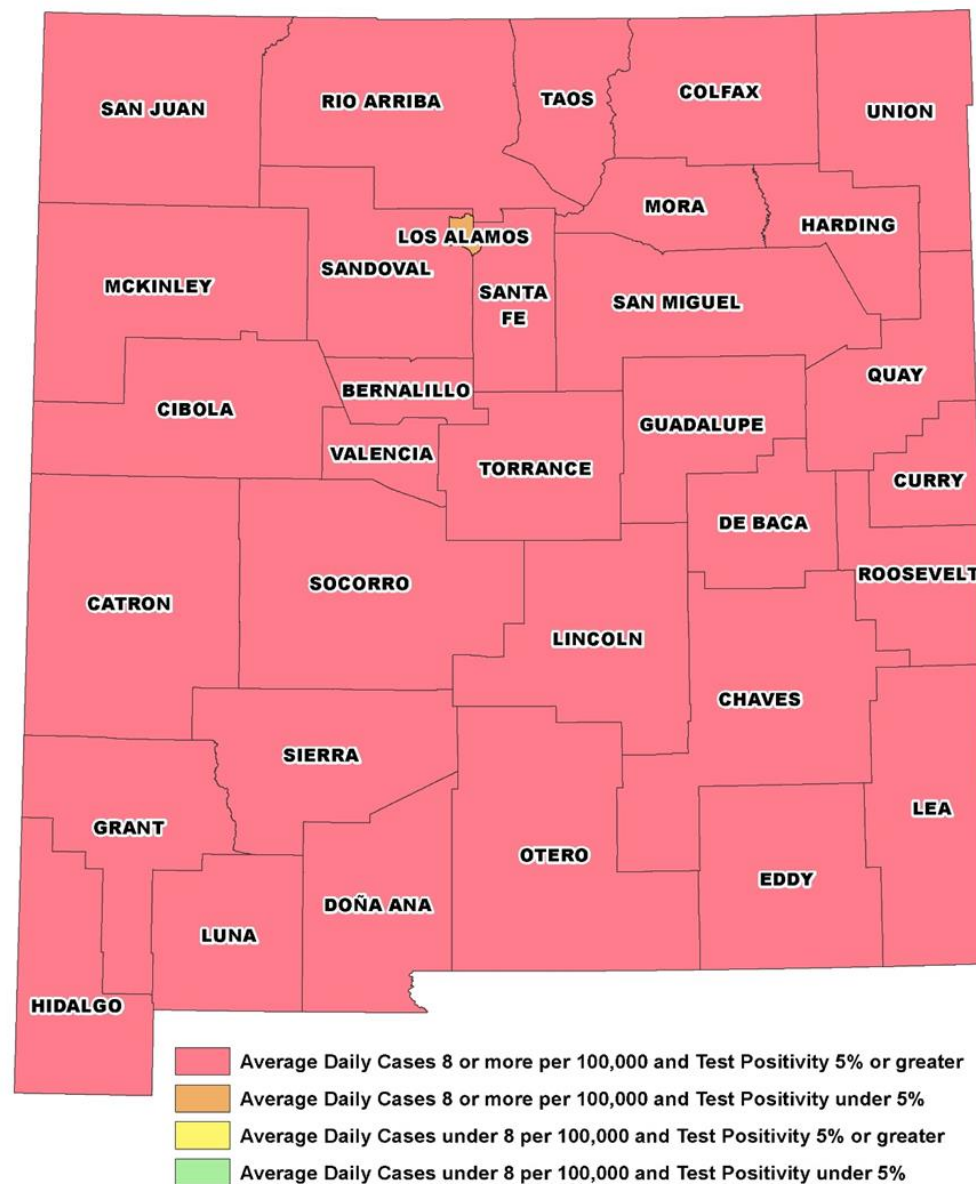
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, October 13 - October 26, 2020

November 9, 2020



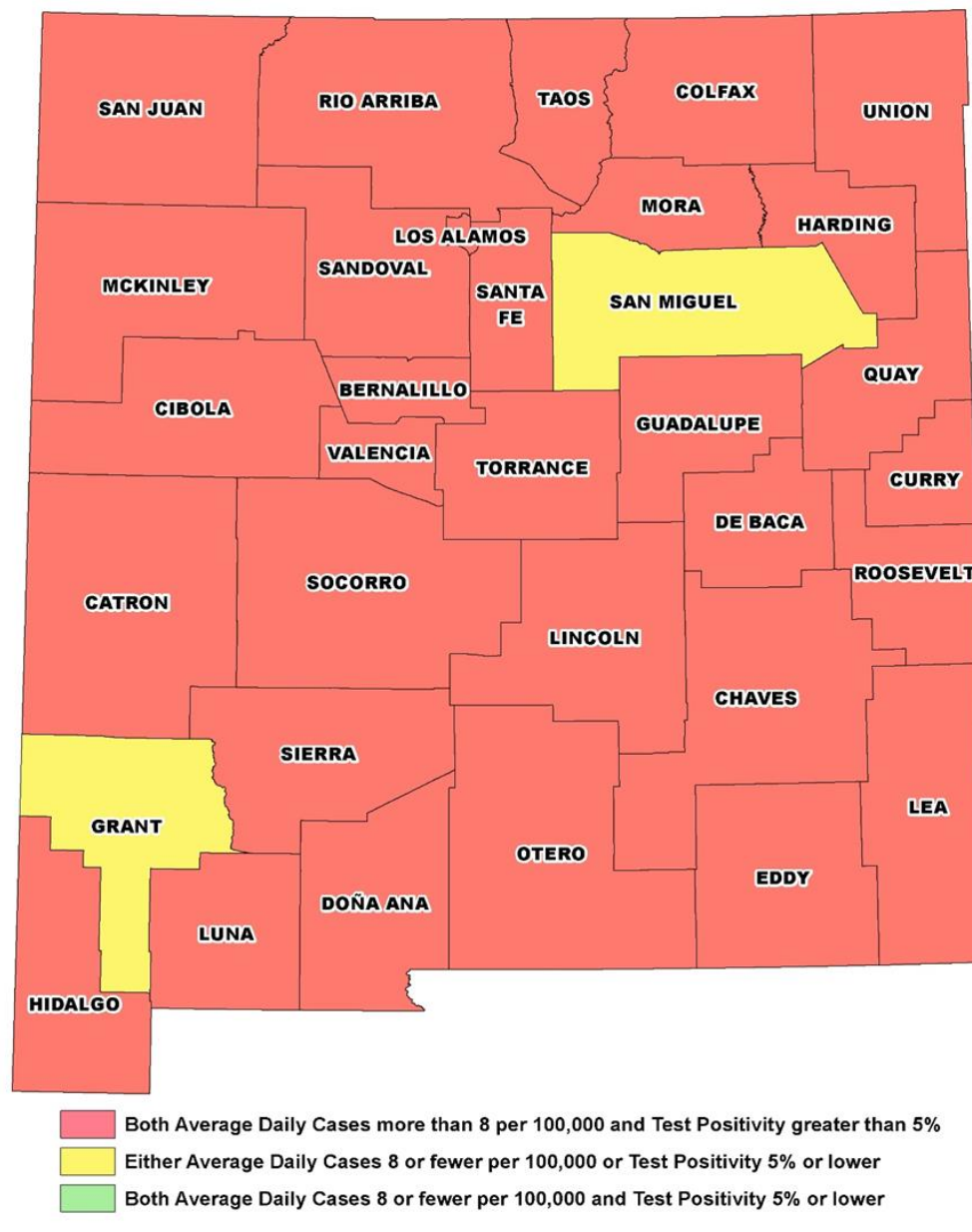
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, October 27 - November 9, 2020

November 23, 2020



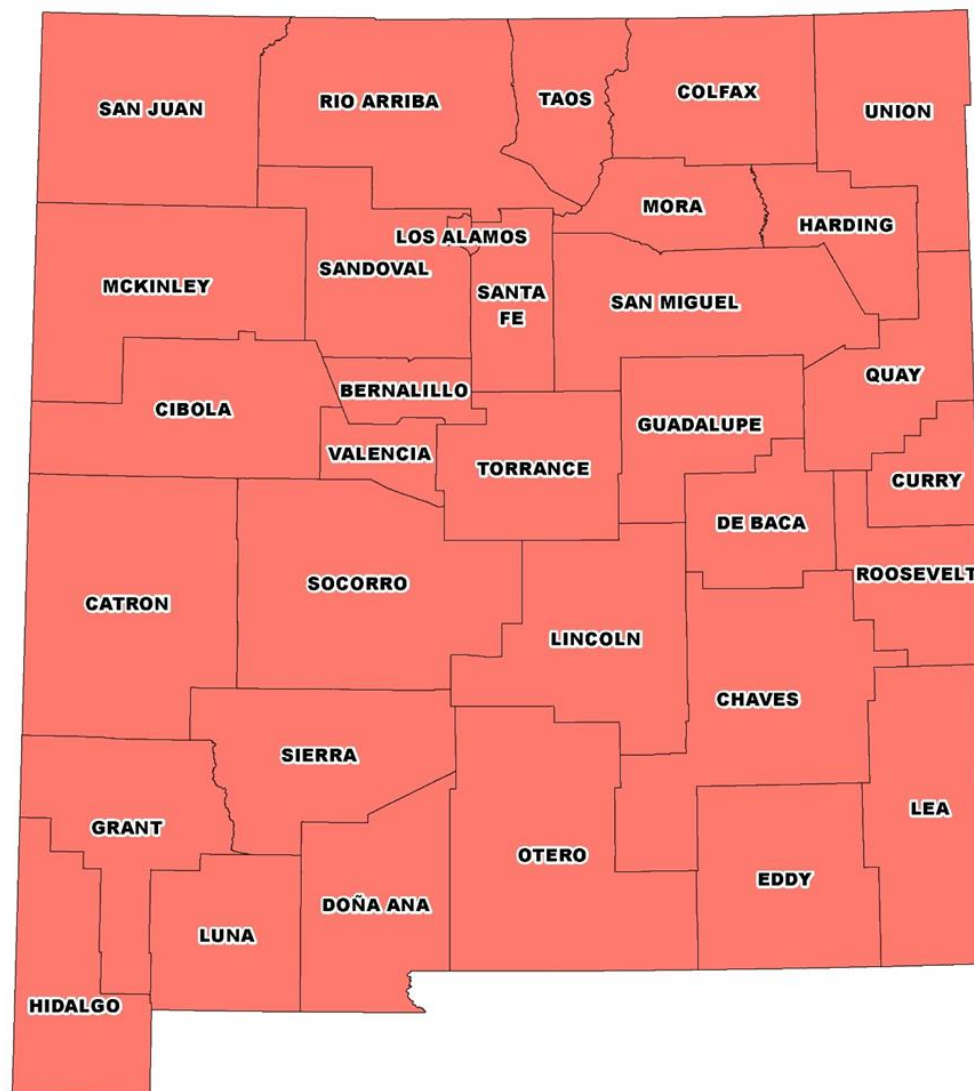
COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, November 10 - November 23, 2020

December 7, 2020



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

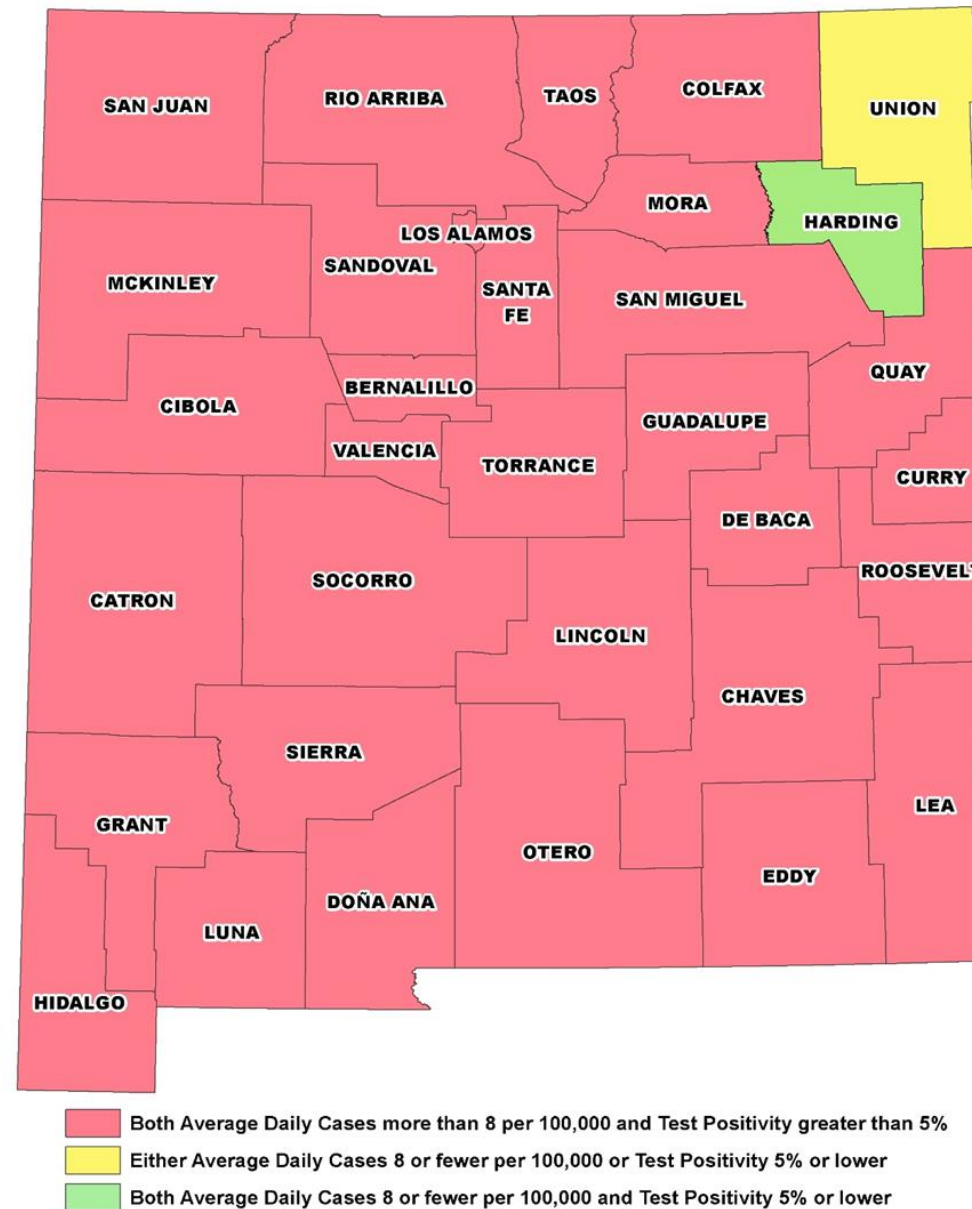
December 21, 2020



- 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

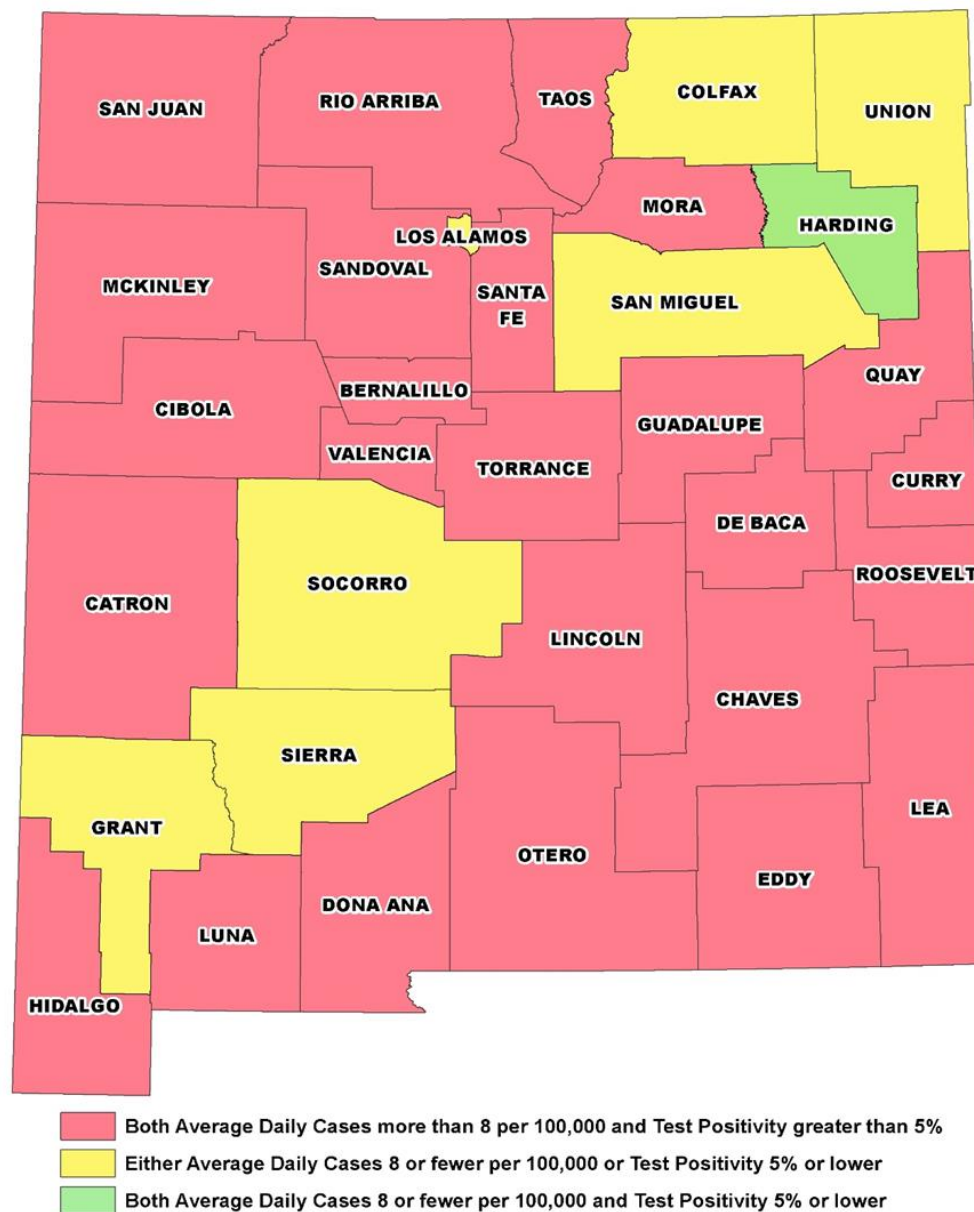
**COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, December 8 - December 21, 2020**

January 11, 2021



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

January 25, 2021



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.

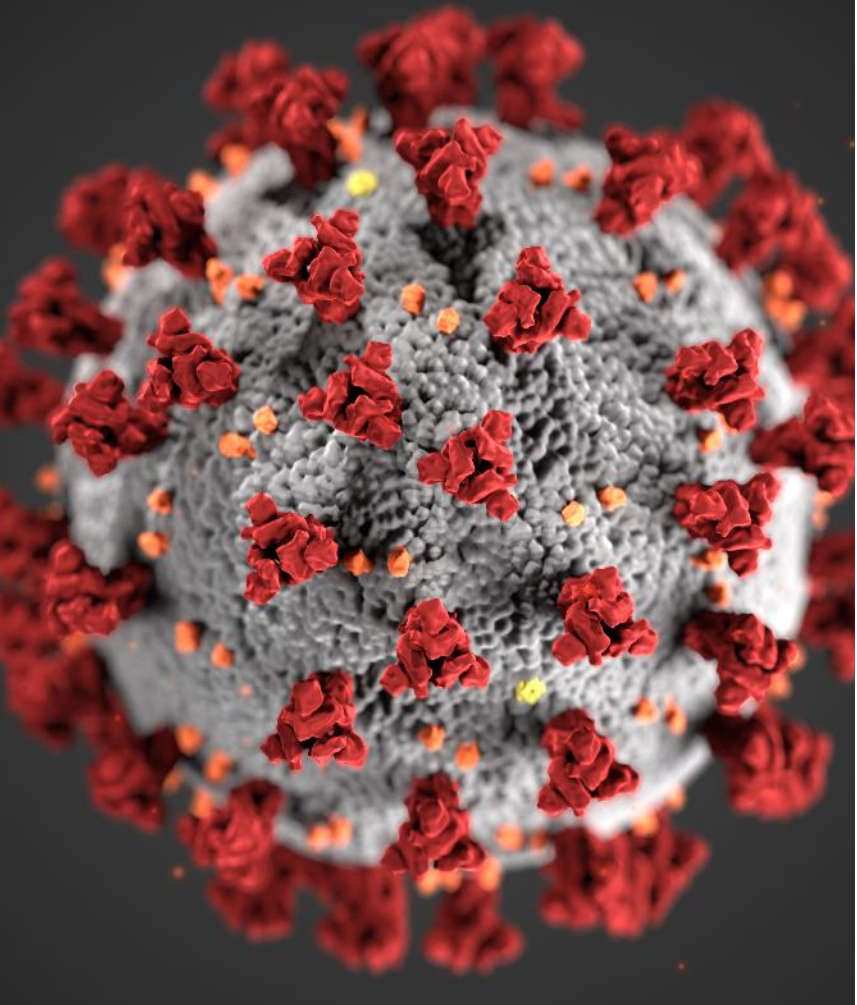
CASES COUNTS REMAIN TOO HIGH.
WE ALL STILL MUST FIGHT THE VIRUS.
STAY AT HOME.

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.