

November 5th COVID-19 Case Update

POSITIVES:

862 new today, 51,110 total

DECEASED:

23 new deaths announced today,
1,082 total

HOSPITALIZATIONS:

400 currently, 59 on ventilators

7.6% Daily Positivity Rate

11,395 additional tests announced today,
1,230,205 total tests conducted statewide

THE PANDEMIC IS GETTING WORSE

- New Mexico COVID-19 hospitalizations have increased 95% from two weeks ago, 260% in the last month.
 - General hospital beds are 82% occupied; ICU beds are 75% occupied.
- N.M. has reported 79 COVID-19 deaths over the last week, a 108% increase over the week before, and 230% increase over two weeks ago.
- **This kind of trajectory is not sustainable. It is within our power to break the chain of spread. We must all recommit to safe day-to-day practices.**
- This November please do these three things:
 - Don't spend time with non-household members.
 - Wear a mask when you must go out.
 - Keep 6 feet of distance from others – even when you have a mask on.

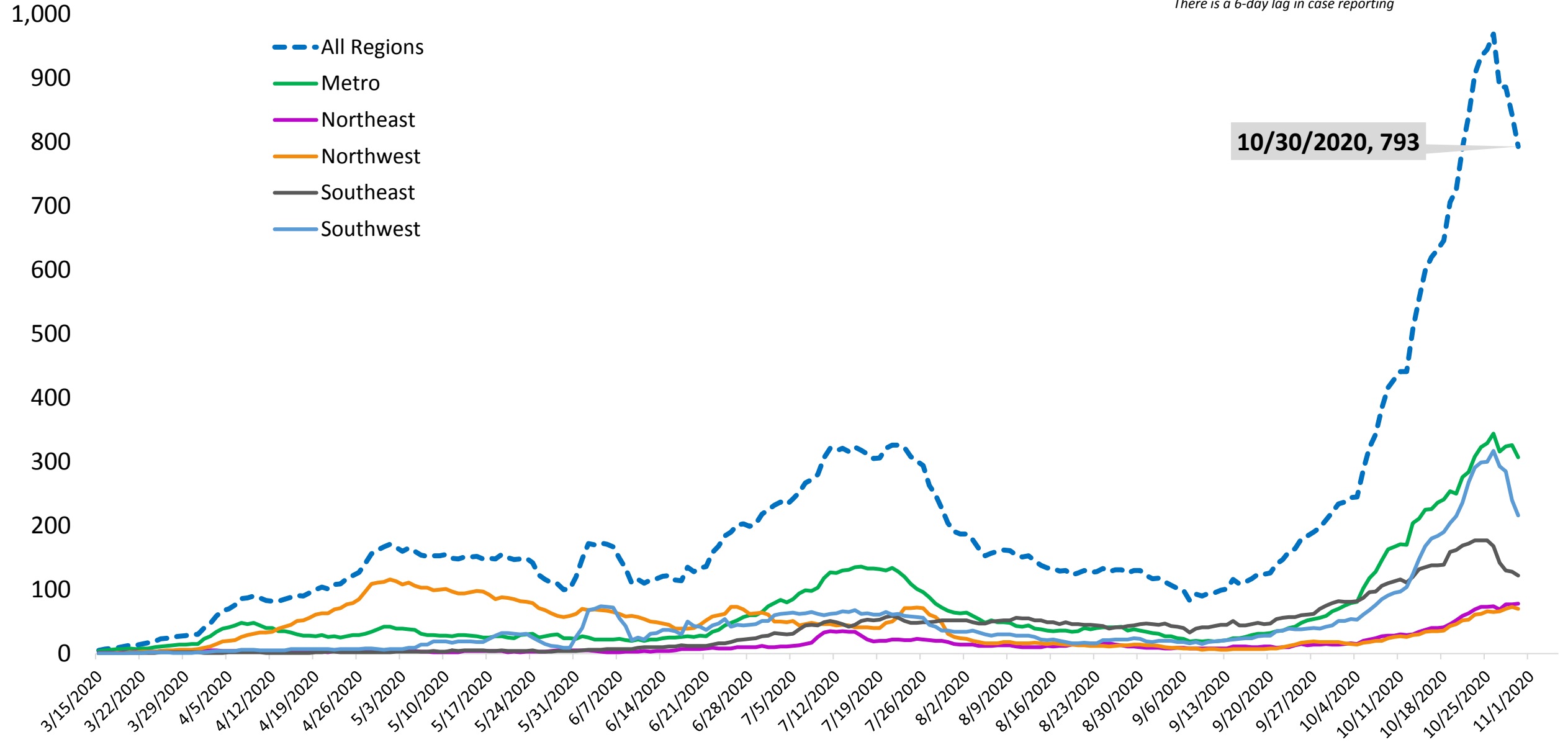
AGENDA

- Daily Case Report
- Hospital Update with Special Guests:
 - Dr. Denise Gonzales: Medical Director, Presbyterian Healthcare Services
 - Dr. Jonathan Marinaro: Professor and Co-Chief of the UNM Center for Adult Critical Care
- NM COVID-19 Update
- Public Health Reopening Gating Criteria for New Mexico

COVID-19 IN NM UPDATE

7-Day Average of Daily COVID-19 Positive Cases by Date of Specimen Collection, NMDOH Regions 11/5/2020

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

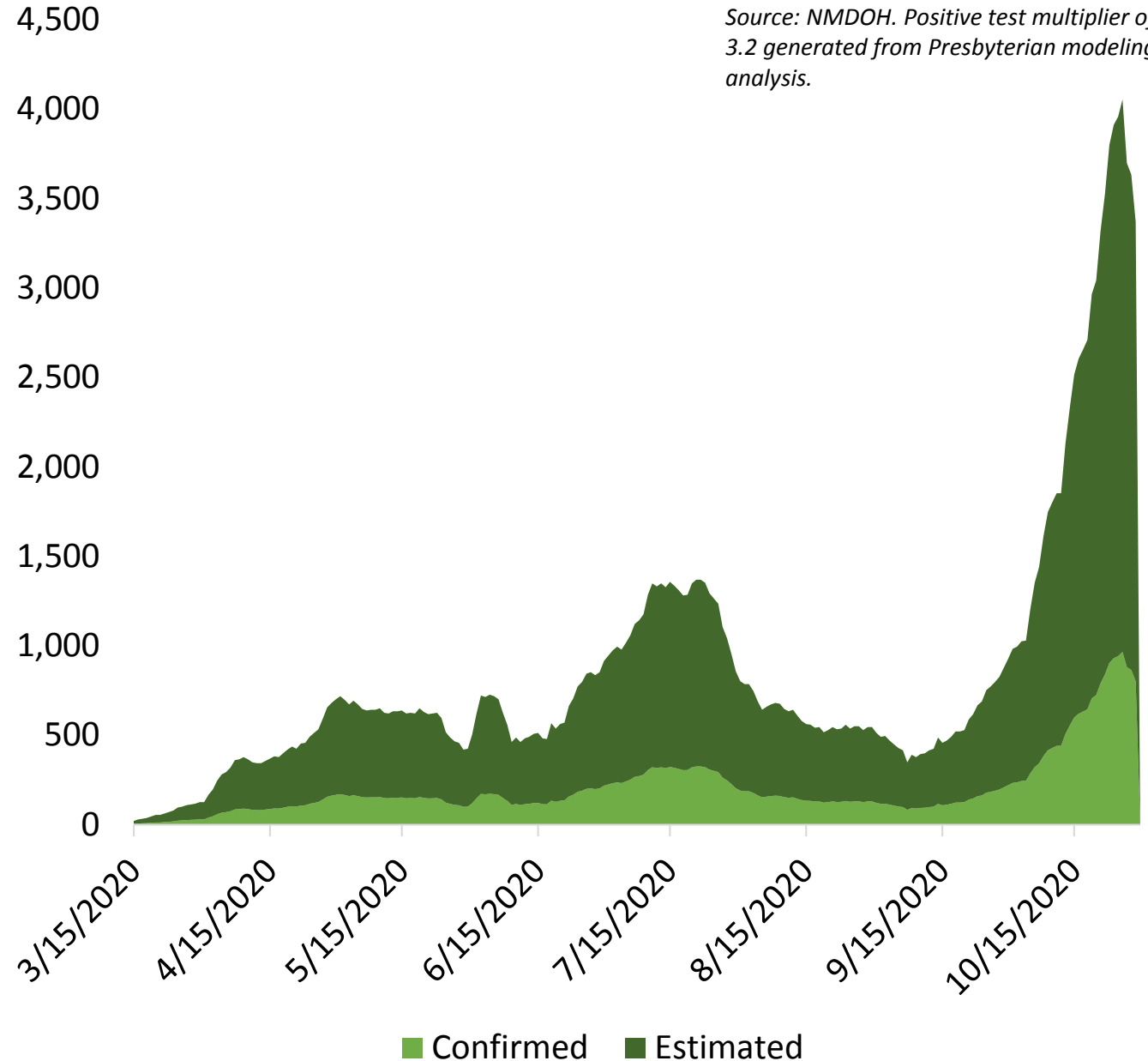


CASES

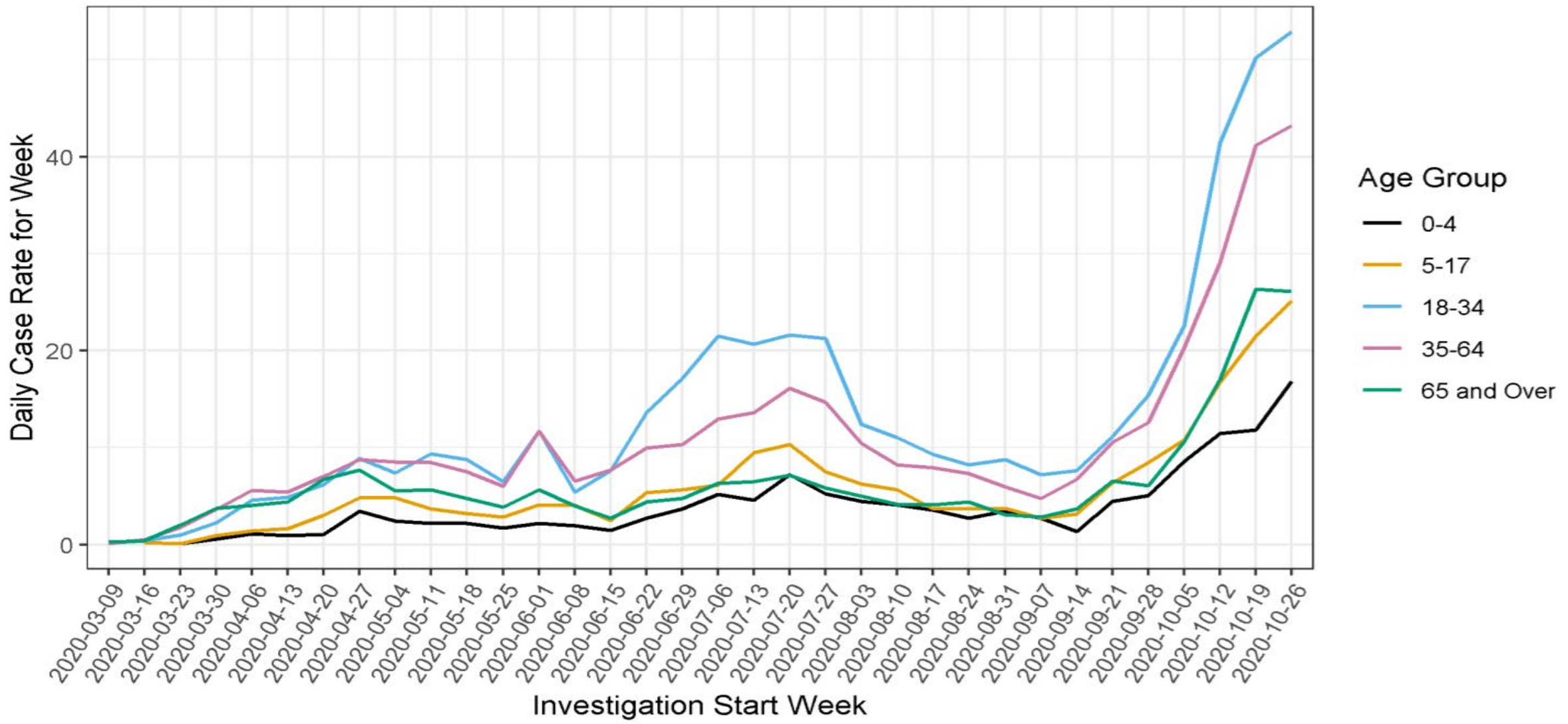
- NM's model suggests for each known case there are **3.2** estimated additional cases.
- Number of daily known cases next 2 weeks modeled to be between **791 - 1,760 (3,322-7,392)**

NM COVID-19 Confirmed & Estimated Cases, 7-Day Rolling Average, Specimen Collection Date

Source: NMDOH. Positive test multiplier of 3.2 generated from Presbyterian modeling analysis.



NM COVID-19 DAILY CASE RATES PER 100,000 BY AGE GROUP



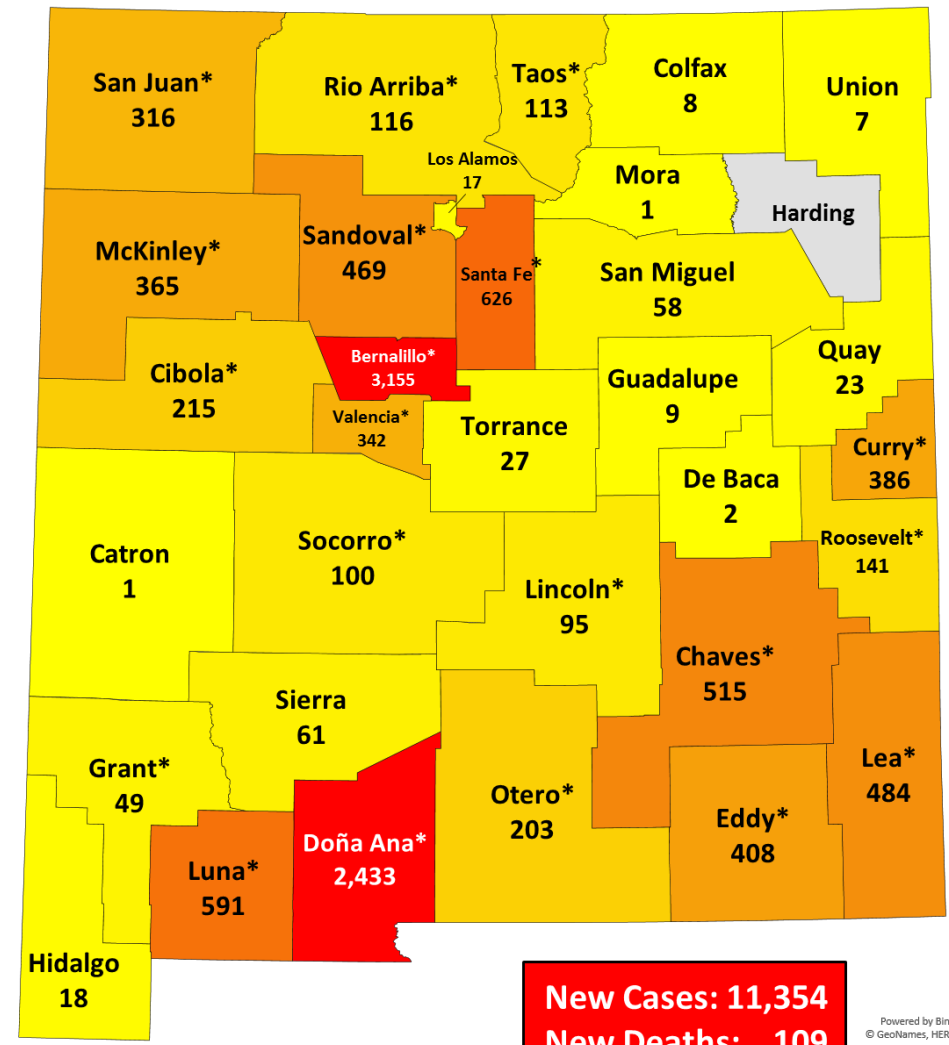
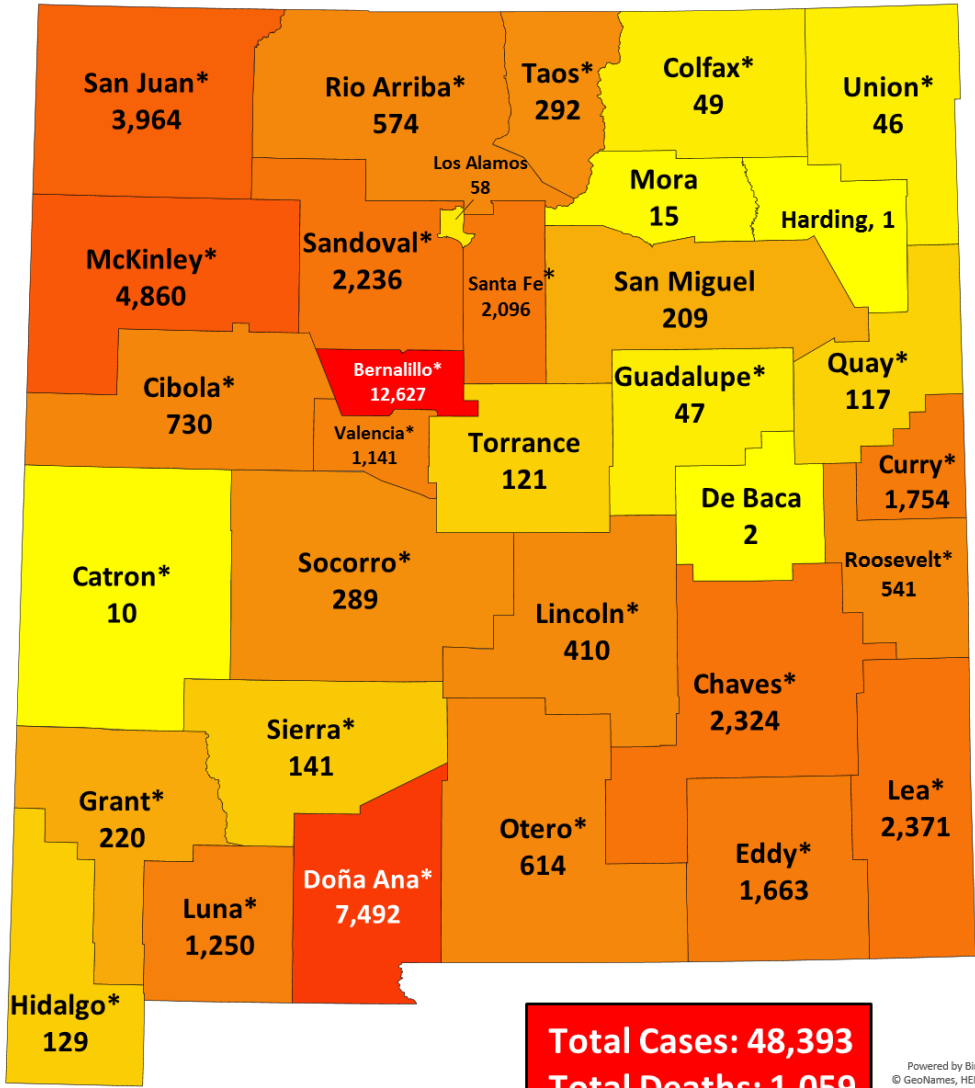
Source: NM Department of Health. Excludes individuals in federal immigration (ICE) facilities, individuals determined to live out of state, and 8 individuals missing age information. November 2, 2020

Total COVID-19 Positive Cases (11/4/2020)

14-Day Total of New COVID-19 Positive Cases (10/22 to 11/4)

Number of Cases 1 12,627

Number of New Cases 1 1,000



Total Cases: 48,393
Total Deaths: 1,059

New Cases: 11,354
New Deaths: 109

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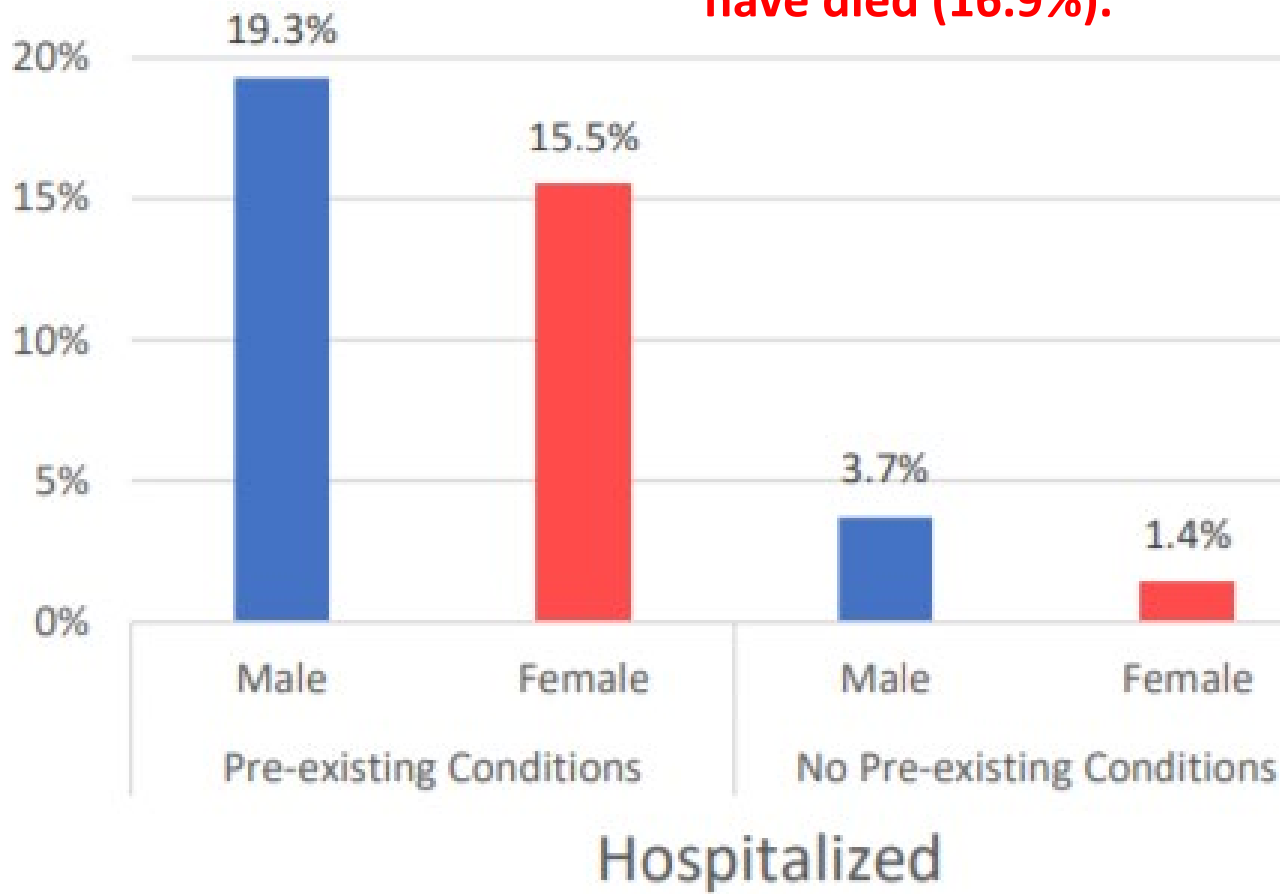
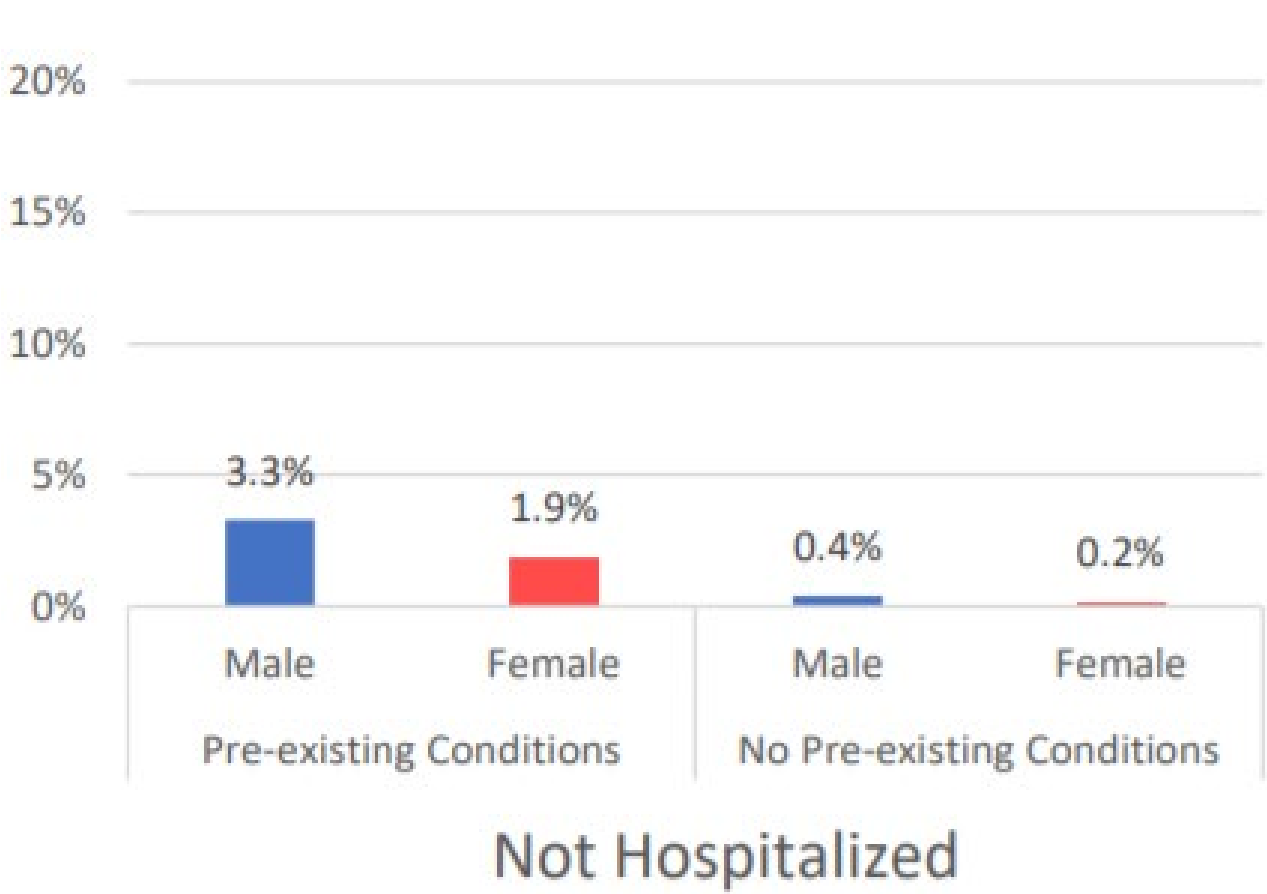
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Source: New Mexico Department of Health. * denotes death occurred in county. Excludes cases in federal and state detention facilities.

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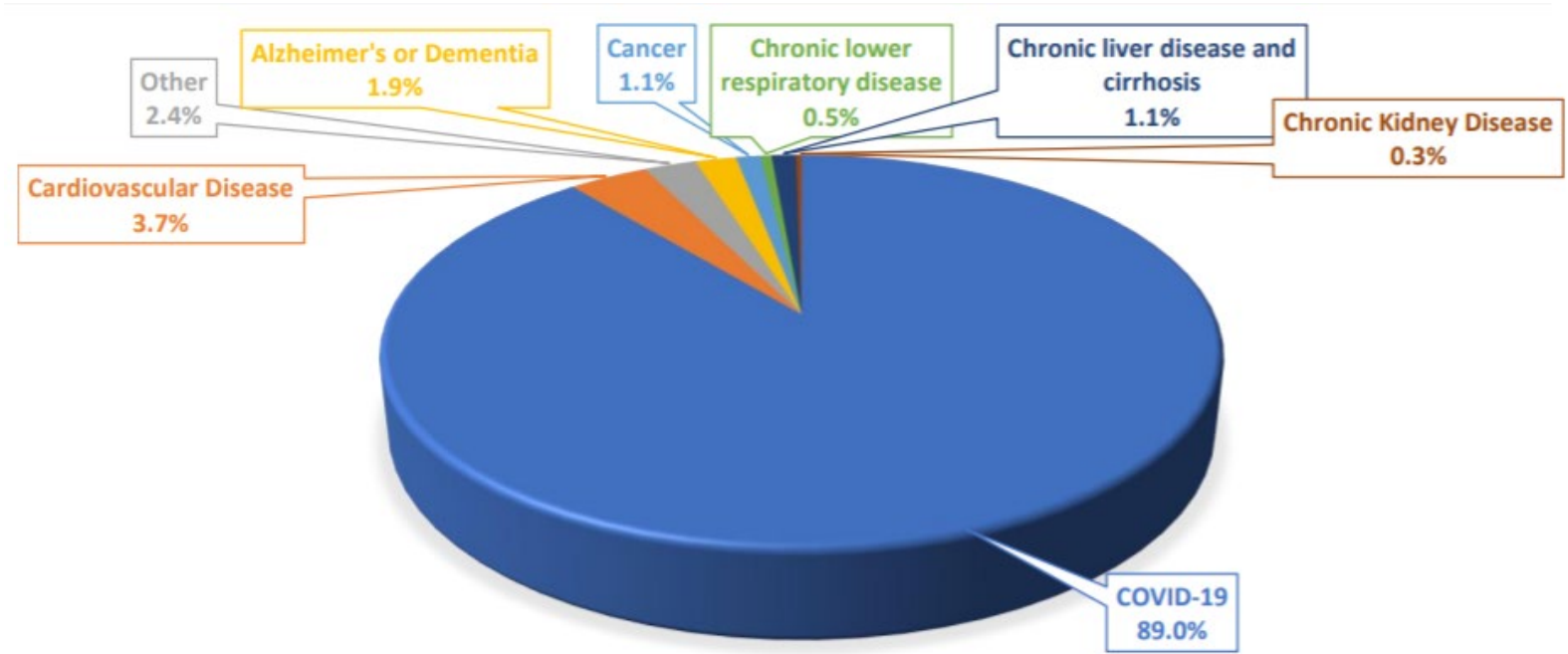
AGE-ADJUSTED* CASE FATALITY RATE BY GENDER, UNDERLYING CONDITIONS, AND HOSPITALIZATION STATUS

Overall, 736 New Mexicans hospitalized for COVID-19 have died (16.9%).



*Age-adjusted case fatality rates are adjusted to the current distribution of U.S. COVID-19 cases. <https://www.cdc.gov/covid-data-tracker/index.html#demographics>

NUMBER AND PERCENT OF DEATHS BY UNDERLYING CAUSE OF DEATH ON THE DEATH CERTIFICATE



Underlying Cause	Number of Deaths*	Percent
COVID-19	705	89.0%
Cardiovascular Disease	29	3.7%
Other	19	2.4%
Alzheimer's or Dementia	15	1.9%
Cancer	9	1.1%
Chronic lower respiratory disease	4	0.5%
Chronic liver disease and cirrhosis	9	1.1%
Chronic Kidney Disease	2	0.3%
Total	792	100.0%

*Excludes 244 (24%) deaths which have not yet been coded by the National Center for Health Statistics.

DEATHS

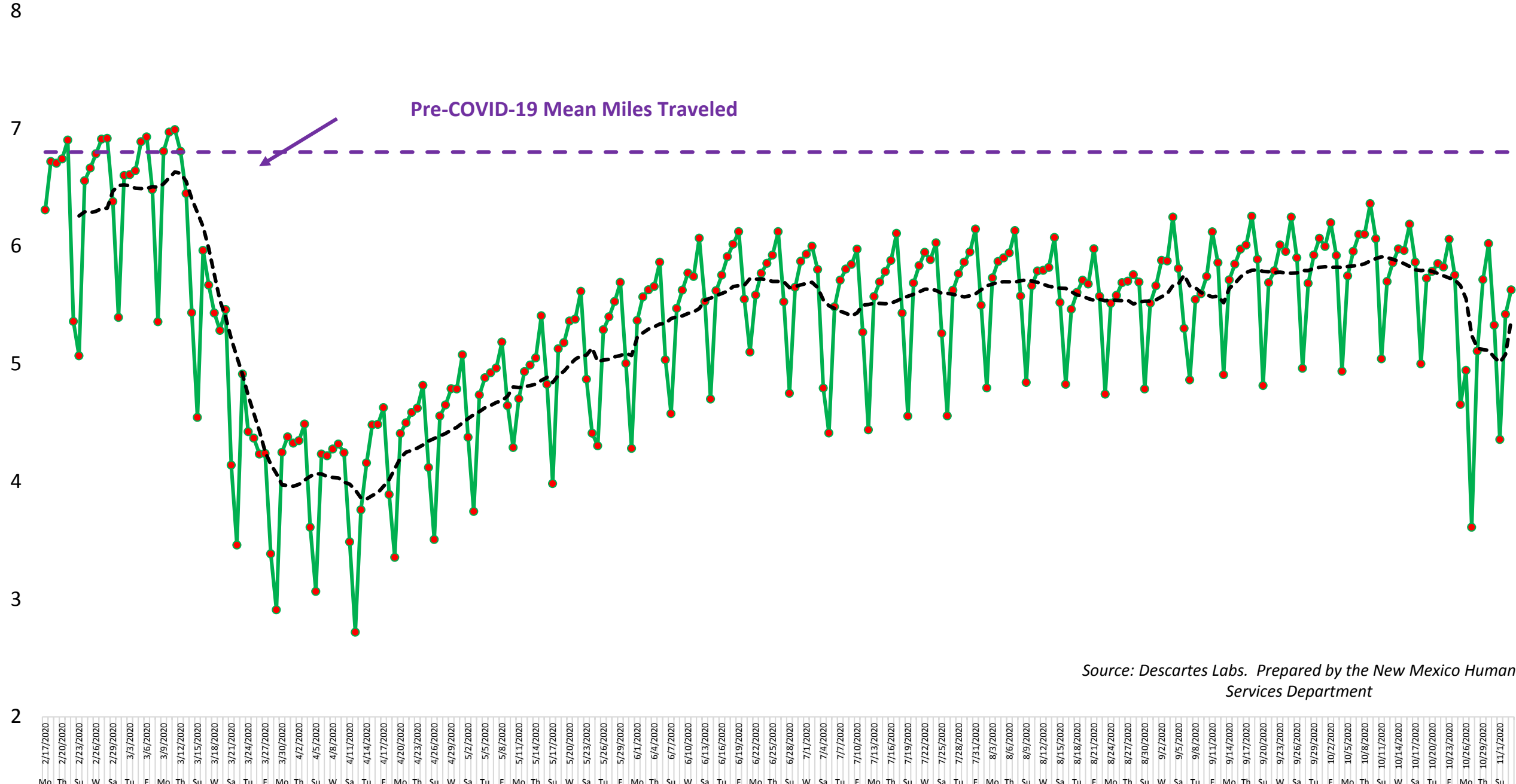
- Average number of deaths per day increased 67% in past week.
- **Number of deaths per day expected to be 13 or more over the next 2 weeks.**

6-Week Forecast of Daily Average of Deaths for New Mexico Based on Data as of 2020-11-01			
Week	Best Case (5th Percentile)	Middle Case (50th Percentile)	Worst Case (95th Percentile)
2020-11-01		8*	
2020-11-08	4	9	13
2020-11-15	5	11	16
2020-11-22	5	13	21
2020-11-29	5	13	25
2020-12-06	5	13	30
2020-12-13	4	13	34

*Last reported confirmed deaths

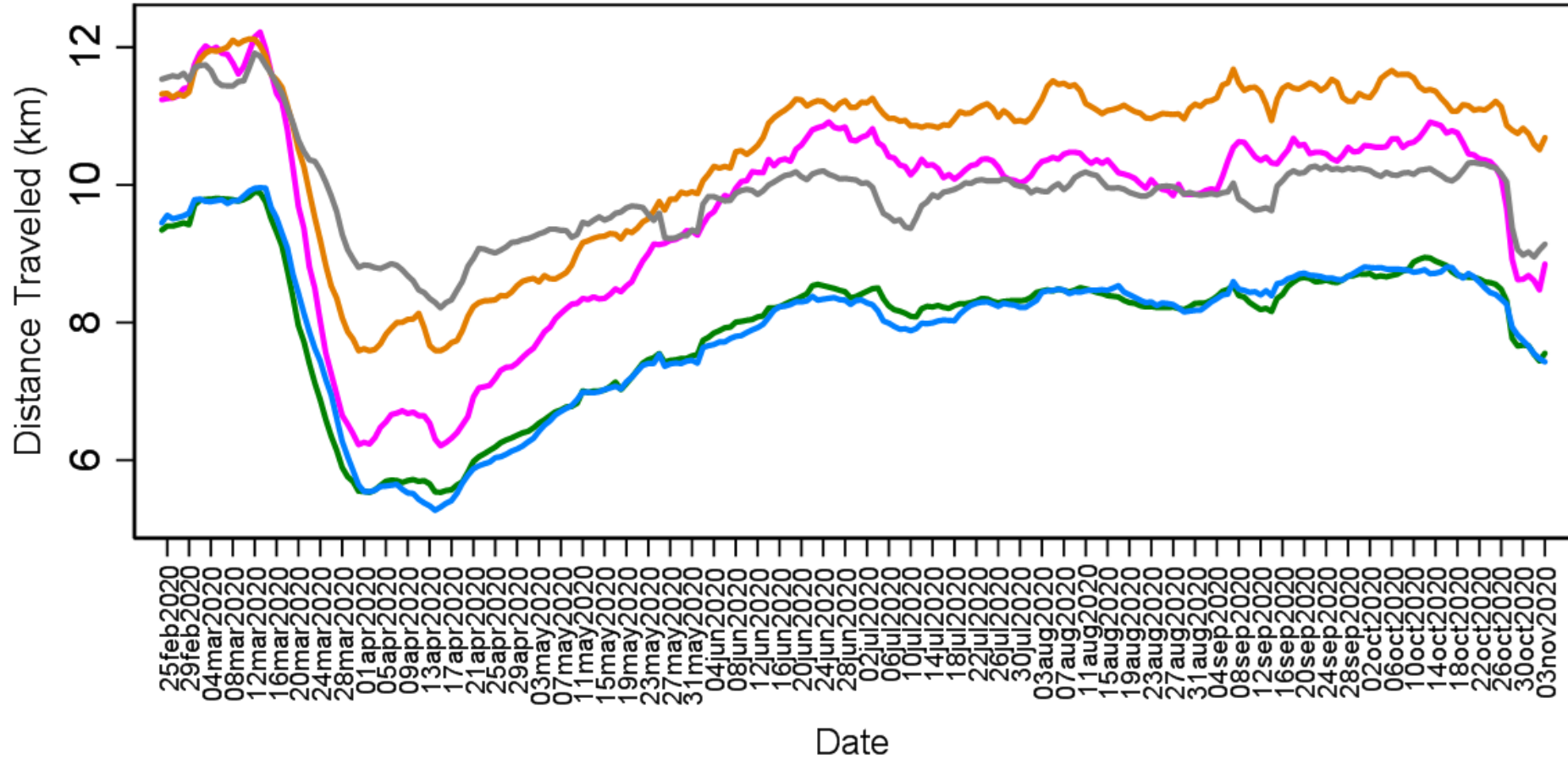
Image courtesy of Los Alamos National Lab. Nov. 3, 2020.

Mean Miles Traveled in New Mexico



Source: Descartes Labs. Prepared by the New Mexico Human Services Department

7-day Average of Mean Distance Traveled by NMDOH Region 11/3/2020



Source: Descartes Labs. Prepared by New Mexico Human Services Department.
Regional values are weighted averages using the device sample sizes. Mean calculated using distribution truncated at 80 kilometers

HOSPITAL UPDATE

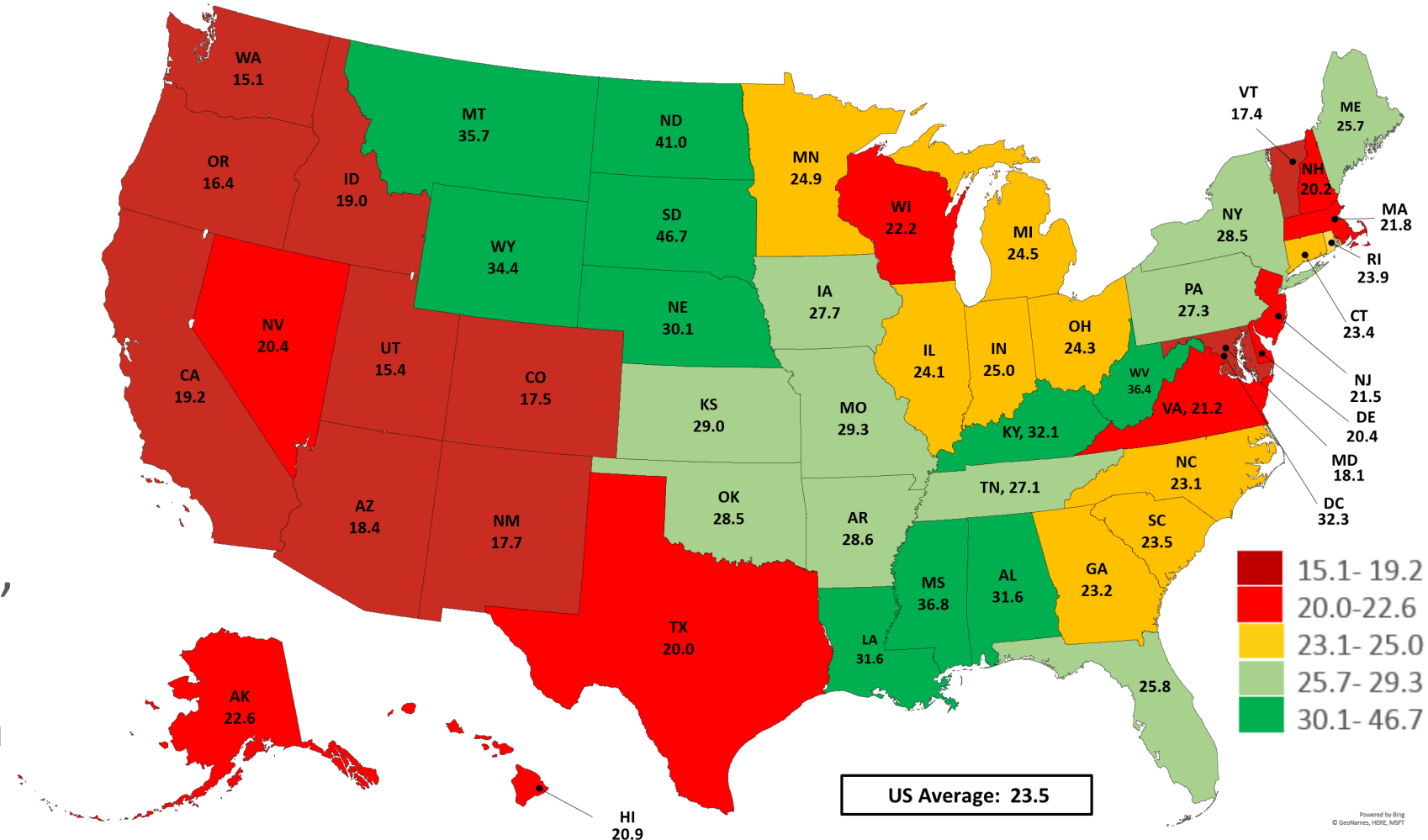
PRESERVING HOSPITAL CAPACITY- GENERAL BEDS

Lowest ranked states include:

- Washington: 15.1
- Utah: 15.4
- Oregon: 16.4
- Vermont: 17.4
- Colorado: 17.5
- New Mexico: 17.7

- NM has 38% as many beds as SD (highest-ranked state, 47.7).
- NM has 25% less beds than U.S. average (23.5).

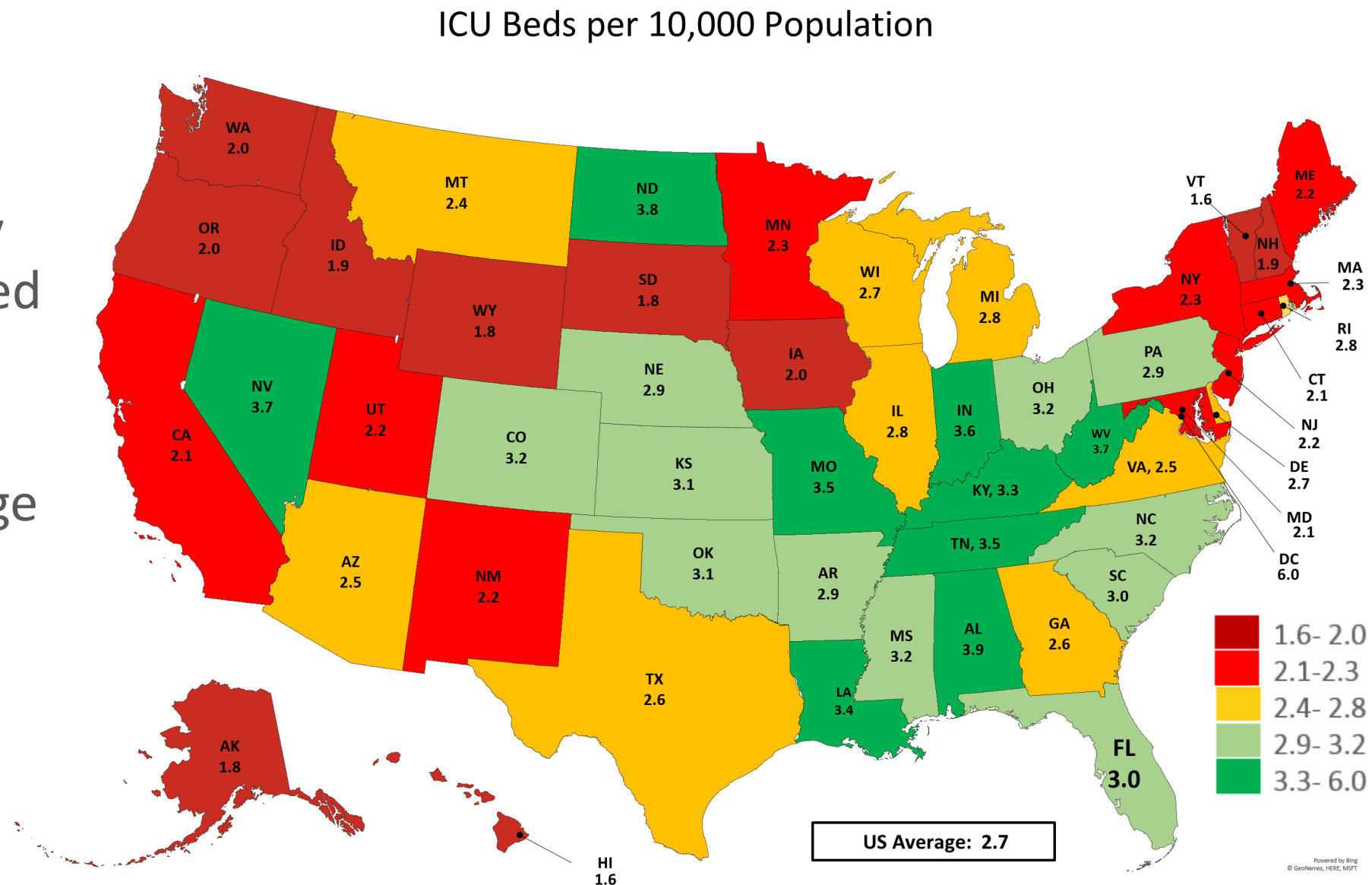
General Beds per 10,000 Population



Source: Kaiser Family Foundation. Figures may not sum to totals due to rounding. Hospital Beds: KFF analysis of merged American Hospital Directory and 2018 AHA Annual Survey data. Population data from Annual Population Estimates by State, U.S. Census Bureau; available at <http://www.census.gov/popest/>. <https://www.kff.org/coronavirus-covid-19/issue-brief/state-data-and-policy-actions-to-address-coronavirus/#stateleveldata> Data as of December 2018.

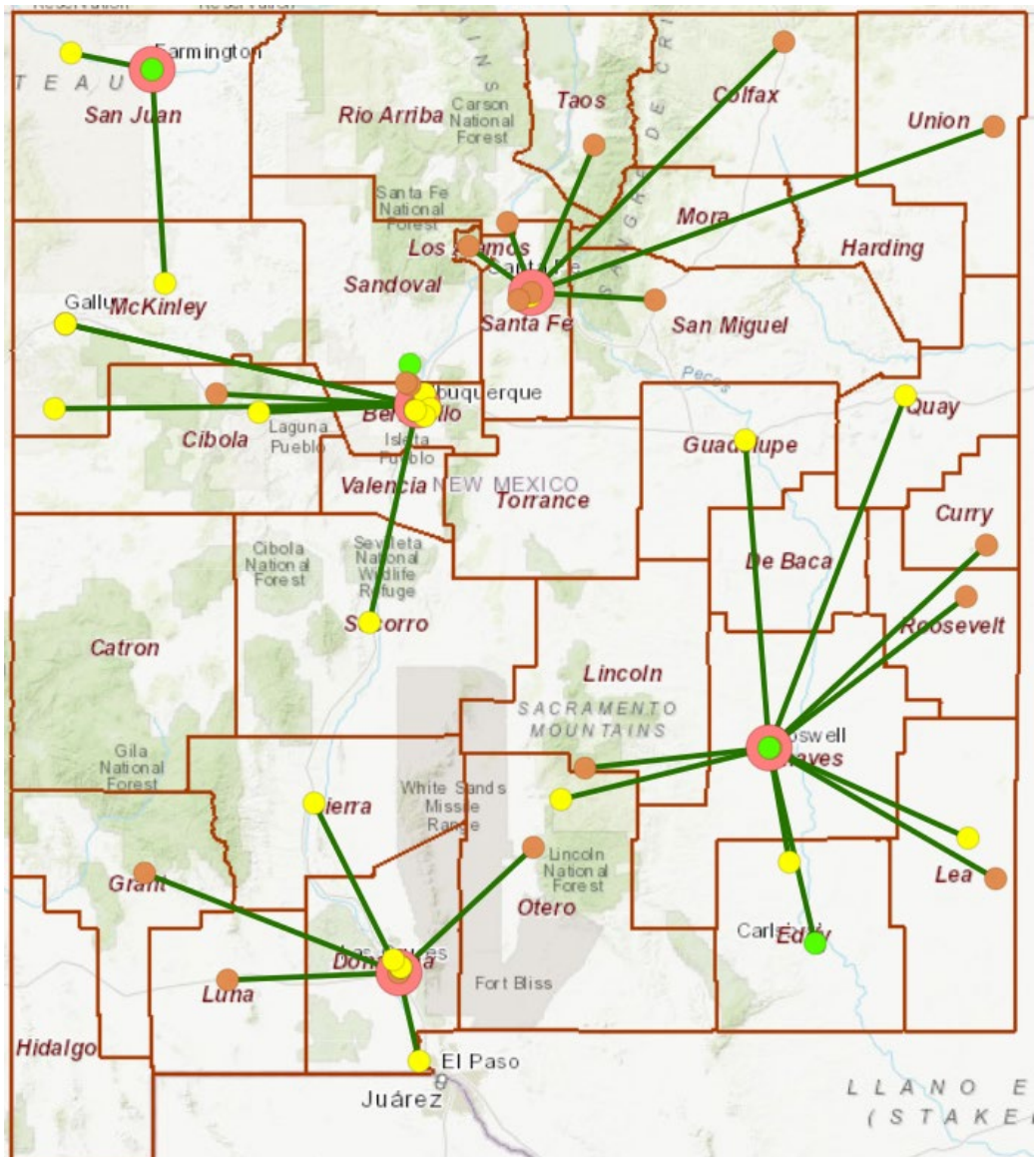
PRESERVING HOSPITAL CAPACITY- ICU BEDS

- NM tied for 35th with New Jersey and Utah (2.2)
- NM has 56% as many beds as highest-ranked state (AL, 3.9).
- NM has 31% less ICU beds than U.S. average (2.7).



Source: Kaiser Family Foundation. ICU Beds data include coronary, trauma, surgical, burn, and general ICU beds in community and non-Federal hospitals. Figures may not sum to totals due to rounding. Hospital Beds: KFF analysis of merged American Hospital Directory and 2018 AHA Annual Survey data. Population data from Annual Population Estimates by State, U.S. Census Bureau; available at <http://www.census.gov/popest/>. <https://www.kff.org/coronavirus-covid-19/issue-brief/state-data-and-policy-actions-to-address-coronavirus/#stateleveldata> Data as of December 2018.

NEW MEXICO'S HOSPITAL HUB & SPOKE TRANSFER SYSTEM HELPS PRESERVES CAPACITY



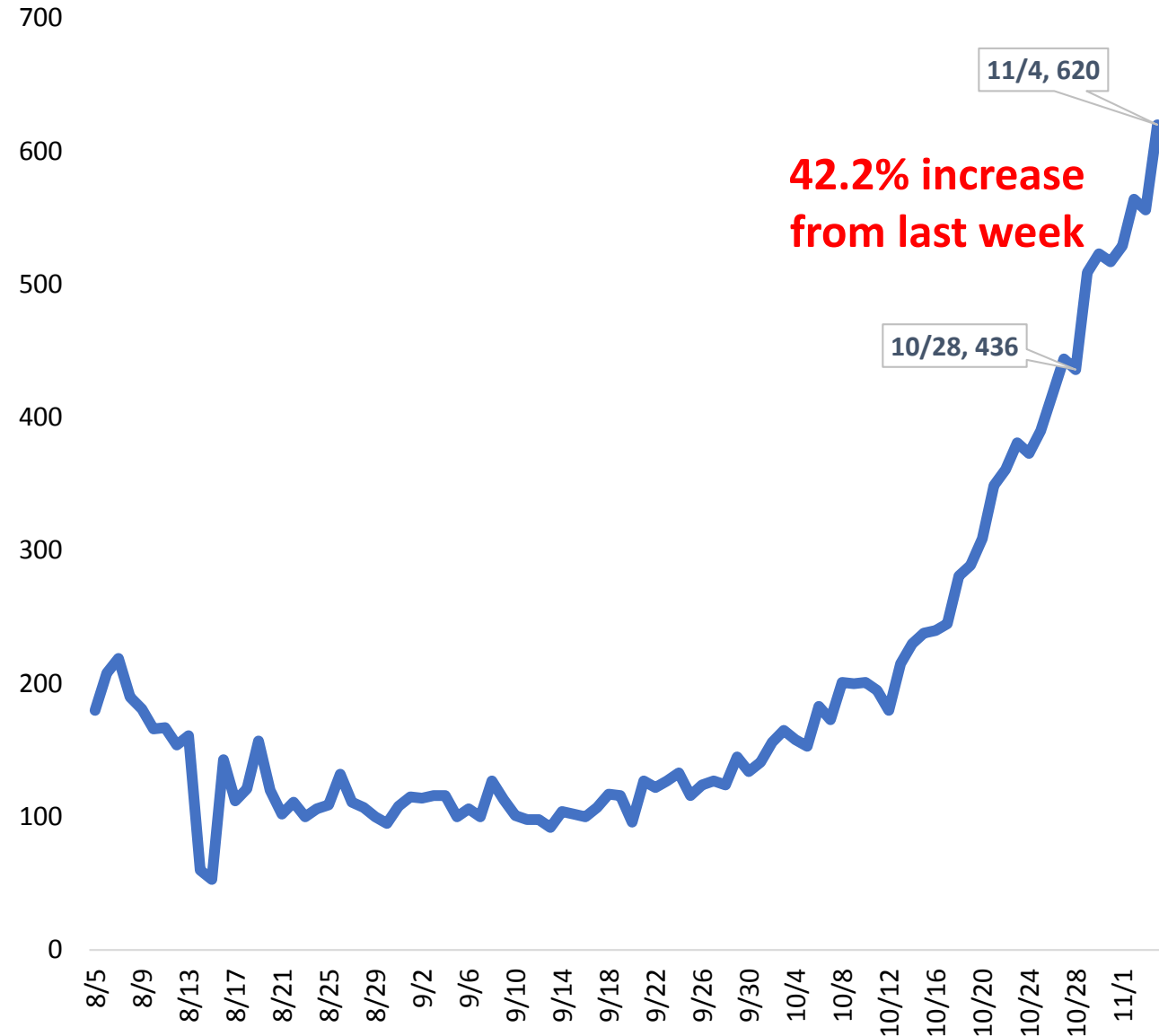
NM Hub & Spoke Legend

ICU	Hub Hospital/Region
● 51 – 90	●
● 26 – 50	
● 11 – 25	
● 1 – 10	
● 0	
	— Transportation (Spoke-to-Hub)

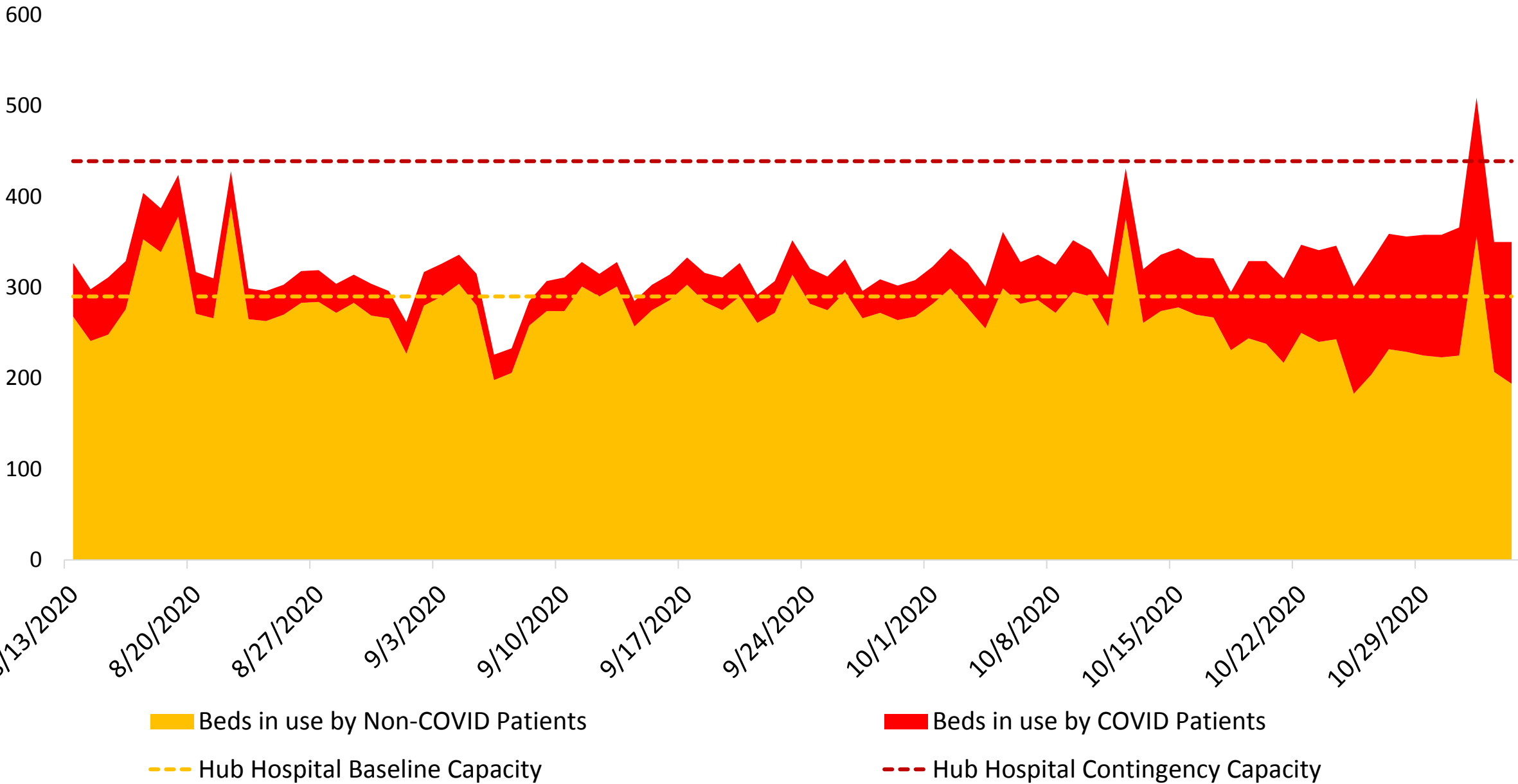
HOSPITALIZATION TRENDS

- 13 consecutive days of record hospitalizations (213 to 401).
- 393 yesterday.
- As of November 2, 4,359 New Mexicans have been hospitalized.
 - 304 prior 7 days (7% of total).

NM Suspected/Confirmed Adult COVID-19 Patients

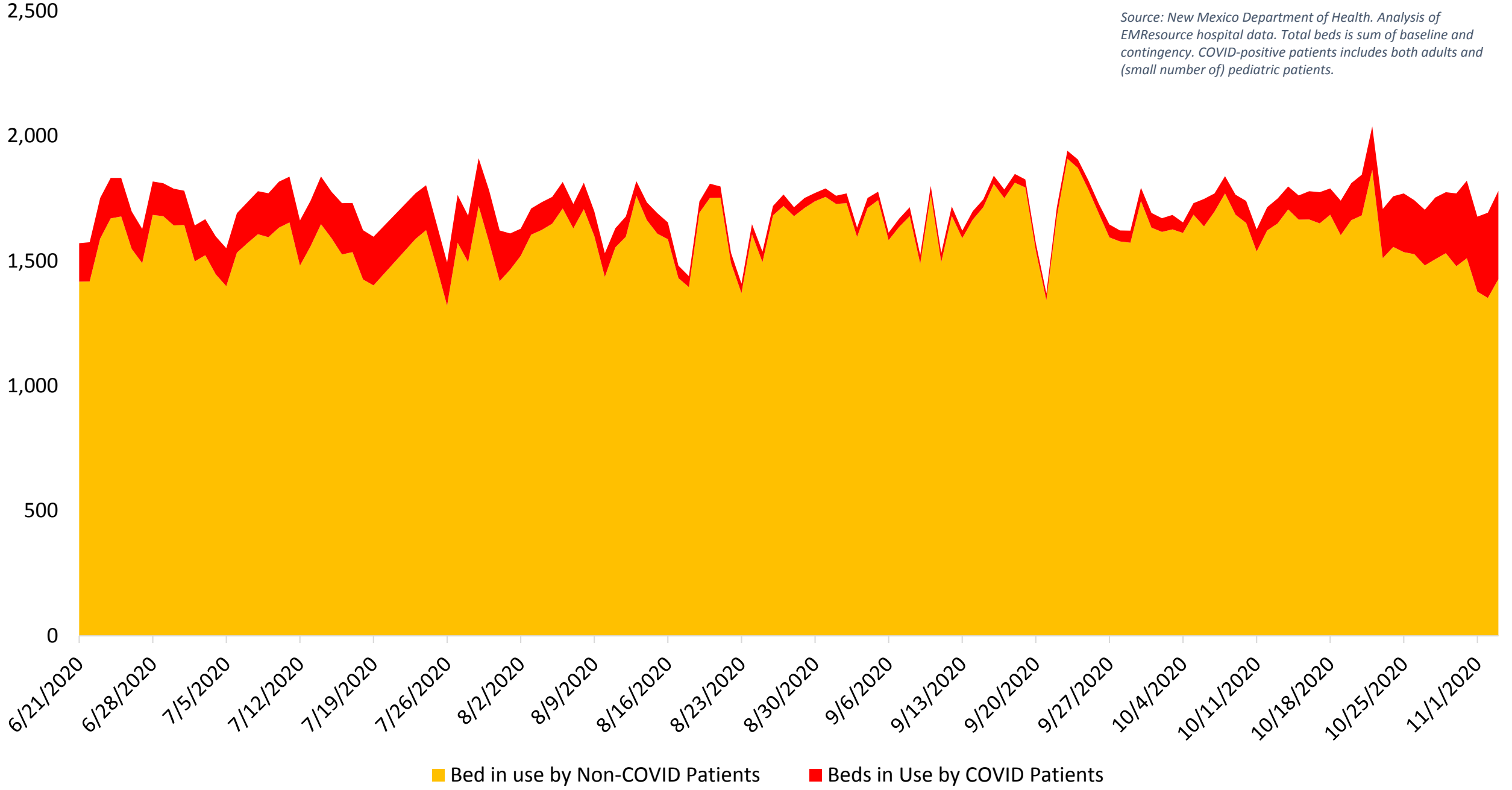


Intensive Care Unit (ICU) Beds in Use, All NM Hospitals



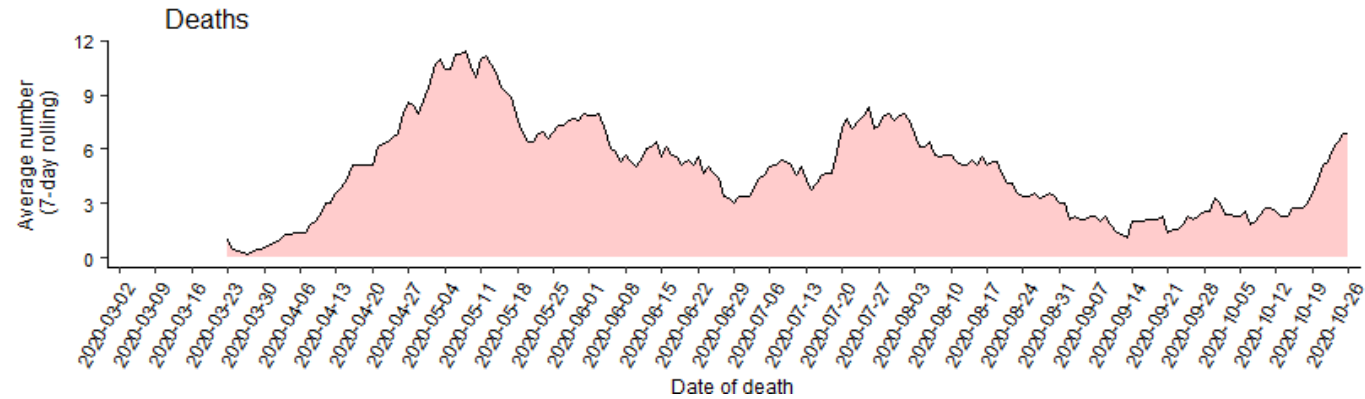
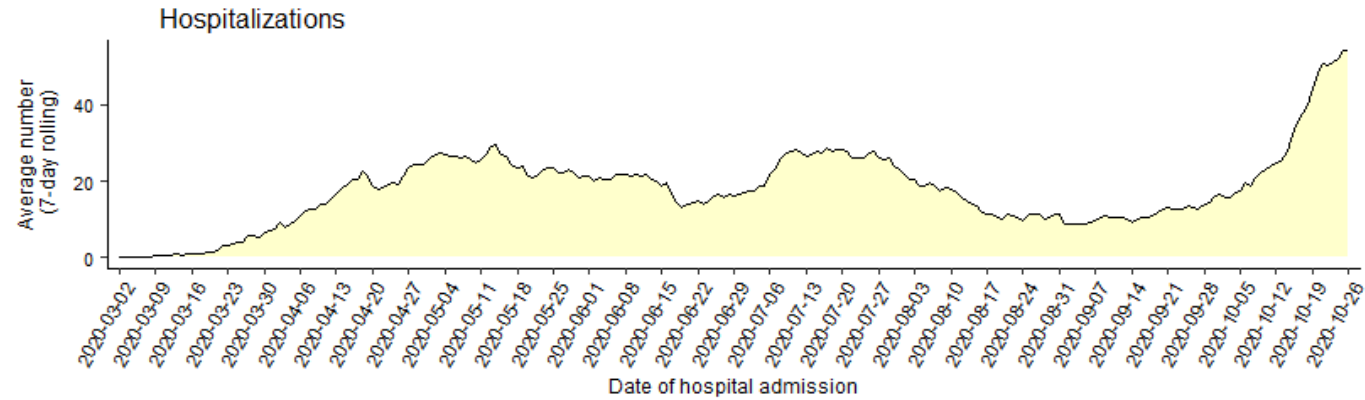
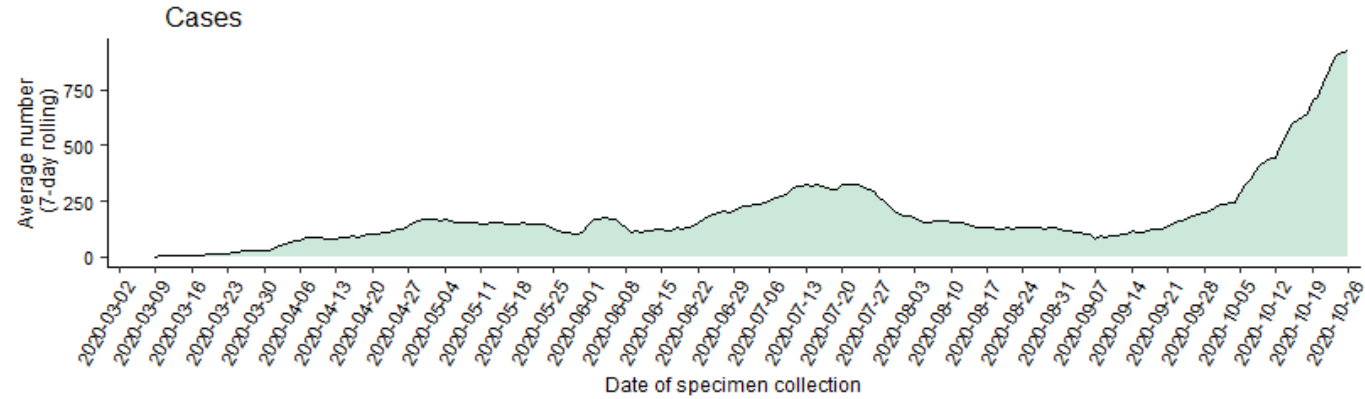
General Beds in Use, All NM Hospitals

Source: New Mexico Department of Health. Analysis of EMResource hospital data. Total beds is sum of baseline and contingency. COVID-positive patients includes both adults and (small number of) pediatric patients.



■ Bed in use by Non-COVID Patients ■ Beds in Use by COVID Patients

7-DAY ROLLING AVERAGE CASES, HOSPITALIZATIONS, DEATHS

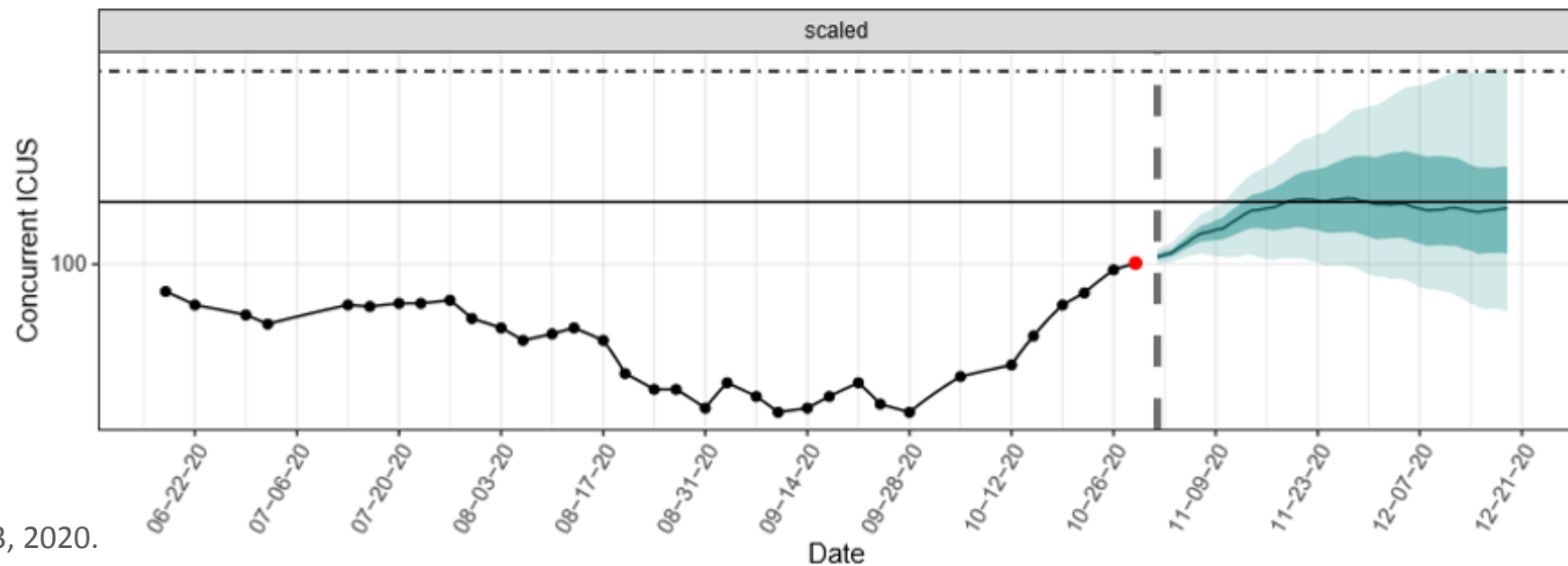
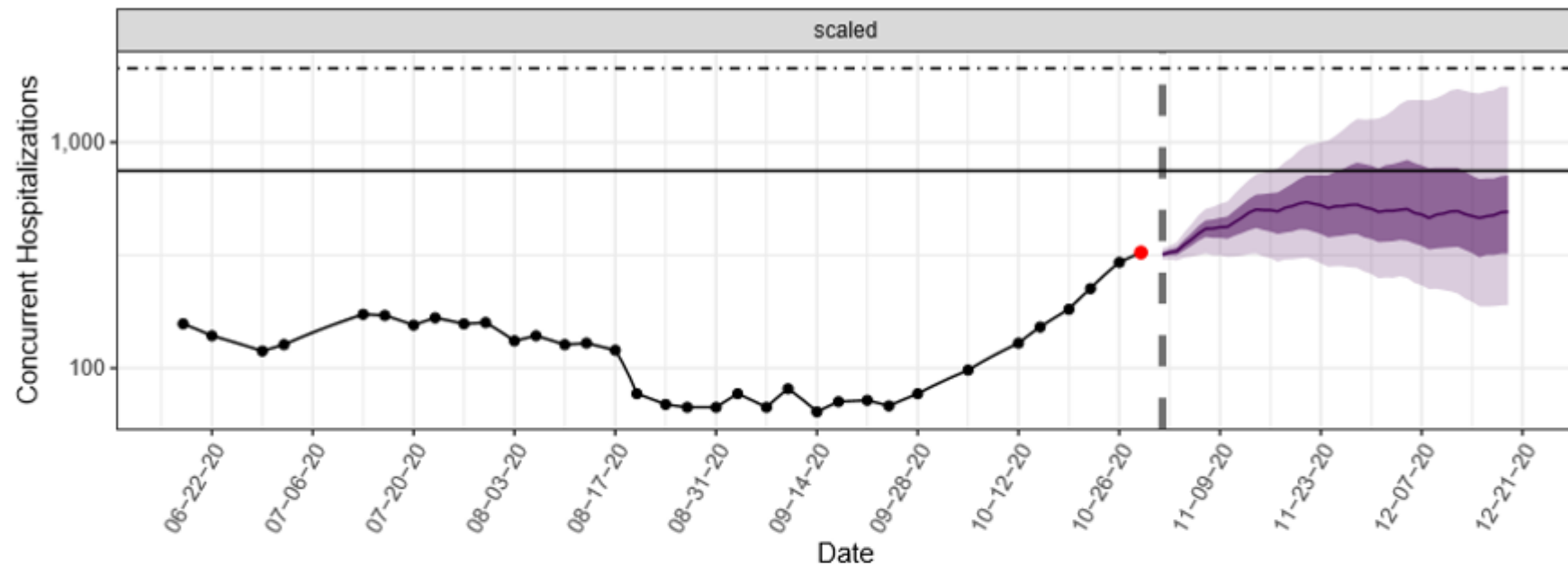


Concurrent Hosp & ICU Beds Forecast

(Assumes average Stay 8 Hosp, 15 Days ICU/vent & 25% ICU rate)

HOSPITALIZATIONS

- Last several days hospital capacity surged dramatically.
- Staff exposures increased dramatically across New Mexico.
- **We project we will exceed ICU beds in 1-2 weeks.**
- **Hospitals now in full emergency operations, and headed for Crisis Standard of Care in next 2-3 weeks.**



UNM Health

Dr. Jonathan Marinaro: Professor and Co-Chief of the UNM Center for Adult Critical Care

UNM Health

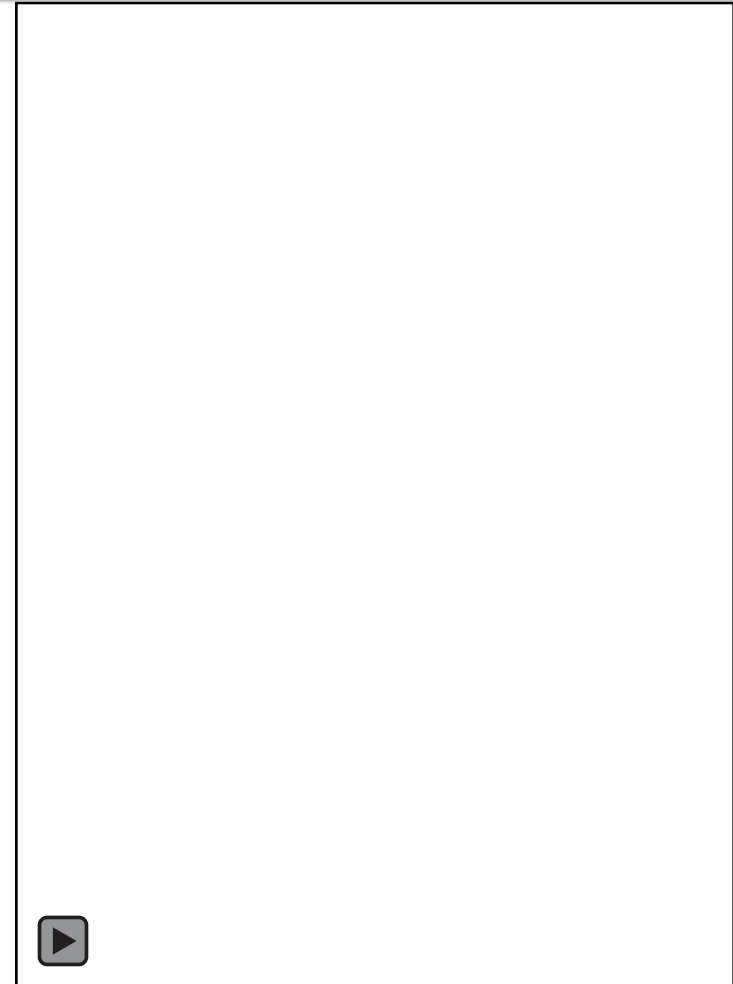
- We have had our Emergency Operations Centers (EOCs) opened since the beginning of the pandemic
- These EOC's are using our pandemic influenza plan to adjust for surge and staffing volumes

UNM Health

- Currently we have converted units to COVID+ treatment areas
- We have a PPE committee with broad representation across the health system that helps guide how and when we utilize protective equipment

UNM Health

- Our frontline staff have really been incredible, they haven't had a break and yet continue to serve



UNM Health

- Our clinical systems are very strained right now.
- We have extremely talented providers who are well trained
- ECMO

UNM Health

- We would ask the public to please wear a mask, maintain social distancing, don't gather in groups, rethink your holiday plans and traditions to ensure they are COVID safe.
- Masks and social distancing are much more effective than any of the medications used to treat COVID.
- Don't be put into the position to get COVID is your best treatment.

Hospital Experience

Helping the community heal



*Dr. Denise Gonzales, Medical Director,
Presbyterian Healthcare Services*

How does a surge impact a hospital today?

- Supply of PPE is adequate.
- More knowledge about therapeutics.
- Know which levers to pull such as non-urgent elective procedures.
- Place of care remains the same.
- Increased contract staff.





Impact on the health care workforce

- Our teams are tired.
- Fear and anxiety with no end in sight.
- Social isolation.
- Well-being resources available.

Be a hero.

- Practice social distancing and limit gatherings.
- Mask up.
- Practice good hand hygiene.
- We're counting on you.



I'M PROTECTING MY MOM.

Mask up to protect others.

A public service message from **& PRESBYTERIAN**



I'M PROTECTING MY GRANDMA.

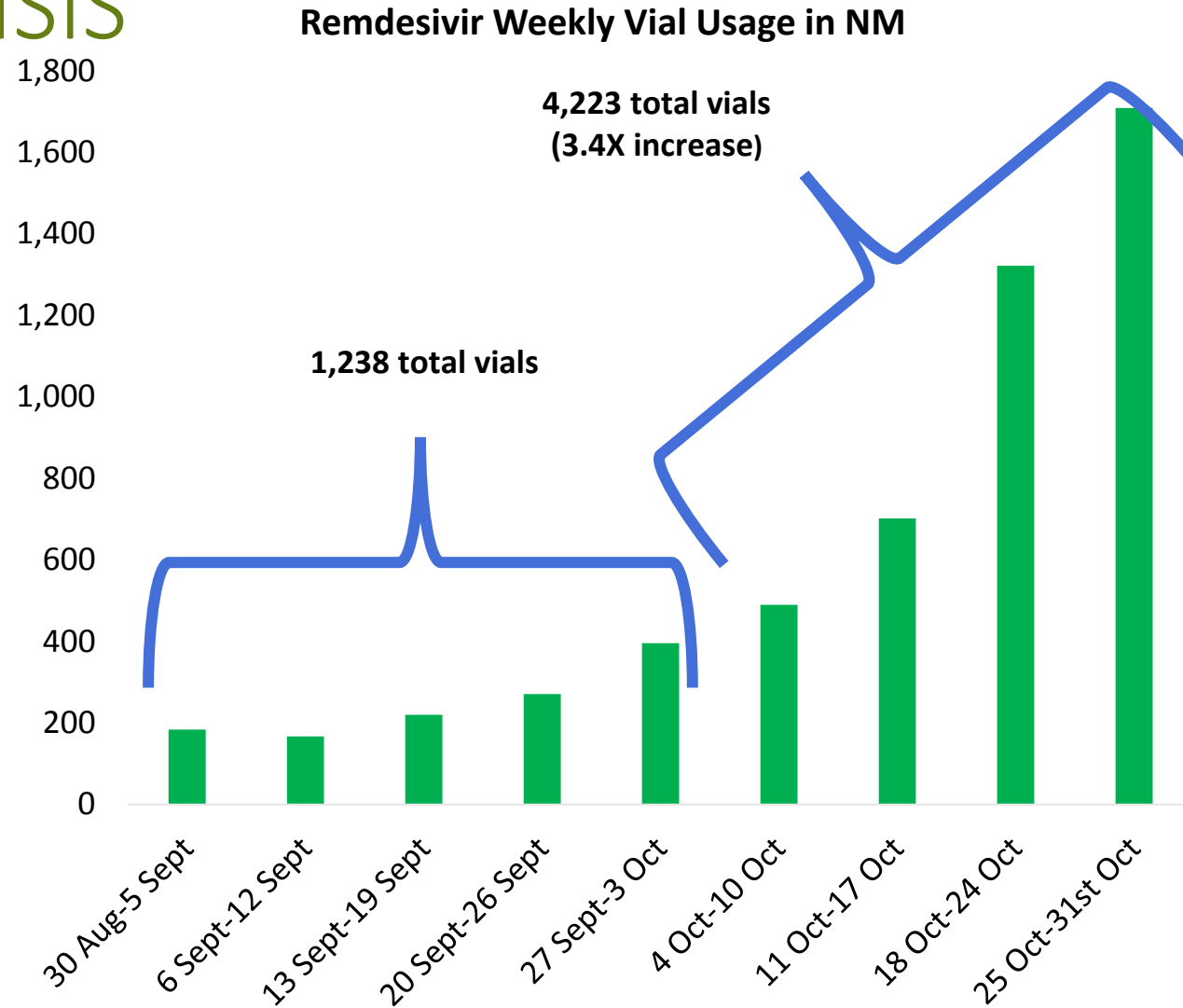
Mask up to protect others.

A public service message from **& PRESBYTERIAN**



12 STATE AND HEALTHCARE SYSTEM ACTIONS TO HELP MANAGE CAPACITY CRISIS

1. At least 400 “traveling nurses” under contract with NM hospitals (arriving **THIS MONTH**).
2. Innovation in Remdesivir delivery for COVID-19 patients **THIS WEEK**.
3. Rapid expansion of Hospital at Home care model **THIS WEEK**.
4. Urgent resurvey of hospitals to determine real-time staffing capacity **TODAY**.



12 STATE AND HEALTHCARE SYSTEM ACTIONS TO HELP MANAGE CAPACITY CRISIS (PART 2)



State of New Mexico

Michelle Lujan Grisham
Governor

November 4, 2020

Dear Madam or Sir:

These are unusual times, unprecedented even - we certainly have heard those words enough since the COVID-19 started to impact our daily lives. Many of you are watching how this pandemic unfolds, wondering what you can do to help.

As a valued healthcare professional, I am writing to ask for your support to help us decrease the spread of this virus by registering to serve with the New Mexico Medical Reserve Corp. The New Mexico Medical Reserve Corp is a national network of local groups of volunteers, both medical and non-medical, engaging local communities to strengthen public health to reduce vulnerability, build resilience, and improve preparedness, response and recovery capabilities.

As you most likely are aware, the number of COVID-19 patients in our State is reaching its all time high, with hospitals, clinics, and COVID shelters beginning to reach their capacity. The New Mexico Medical Reserve Corp is dedicated to help those impacted by this pandemic by providing critical healthcare staffing, and assisting with operating COVID shelters, call centers, contact tracing, COVID testing sites and more. Our commitment to serve during this crisis is strong, but we urgently call upon all available healthcare professionals to help the State address this instant surge in COVID-19 cases.

To register, simply go to volunteer.nmmrcserves.org and complete the online application. As a volunteer with the New Mexico Medical Reserve Corp, you will be provided with liability protection through the State's Risk Management Division. If you have any questions, please contact MRC coordinator Bobbie MacKenzie at 505-476-8302 or by email at bobbie.mackenzie@state.nm.us.

Thank you in advance for your consideration and commitment to serving New Mexicans.

We are all in this together.

Sincerely,

Michelle Lujan Grisham

Governor

5. Recruitment letter to retired and inactive healthcare workers **THIS WEEK.**
6. Department of Workforce Solutions Matching > 1,000 currently unemployed NM healthcare workers with open positions **THIS WEEK.**
7. Contracting with Albuquerque VA to contract for COVID patient care **THIS WEEK.**
8. Recruiting Canadian nurses to NM **(ONGOING SINCE APRIL).**

12 STATE ACTIONS TO HELP MANAGE HEALTHCARE SYSTEMS CAPACITY CRISIS (PART 3)

9. Recruiting new NM Medical Reserve Corps volunteers and providing them liability protections (**ONGOING SINCE April**).
10. Reconfiguring any available nursing facility staffing to provide care **THIS WEEK AND NEXT**.
11. Evaluating use of Gibson facility as medical shelter site, and serving as hospital relief valve **THIS WEEK AND NEXT** (and also April-October).
12. Applying for FEMA staffing resources **NEXT WEEK**.



STAFF, NOT BEDS, IS RATE-LIMITING STEP FOR NM.

GATING CRITERIA UPDATE

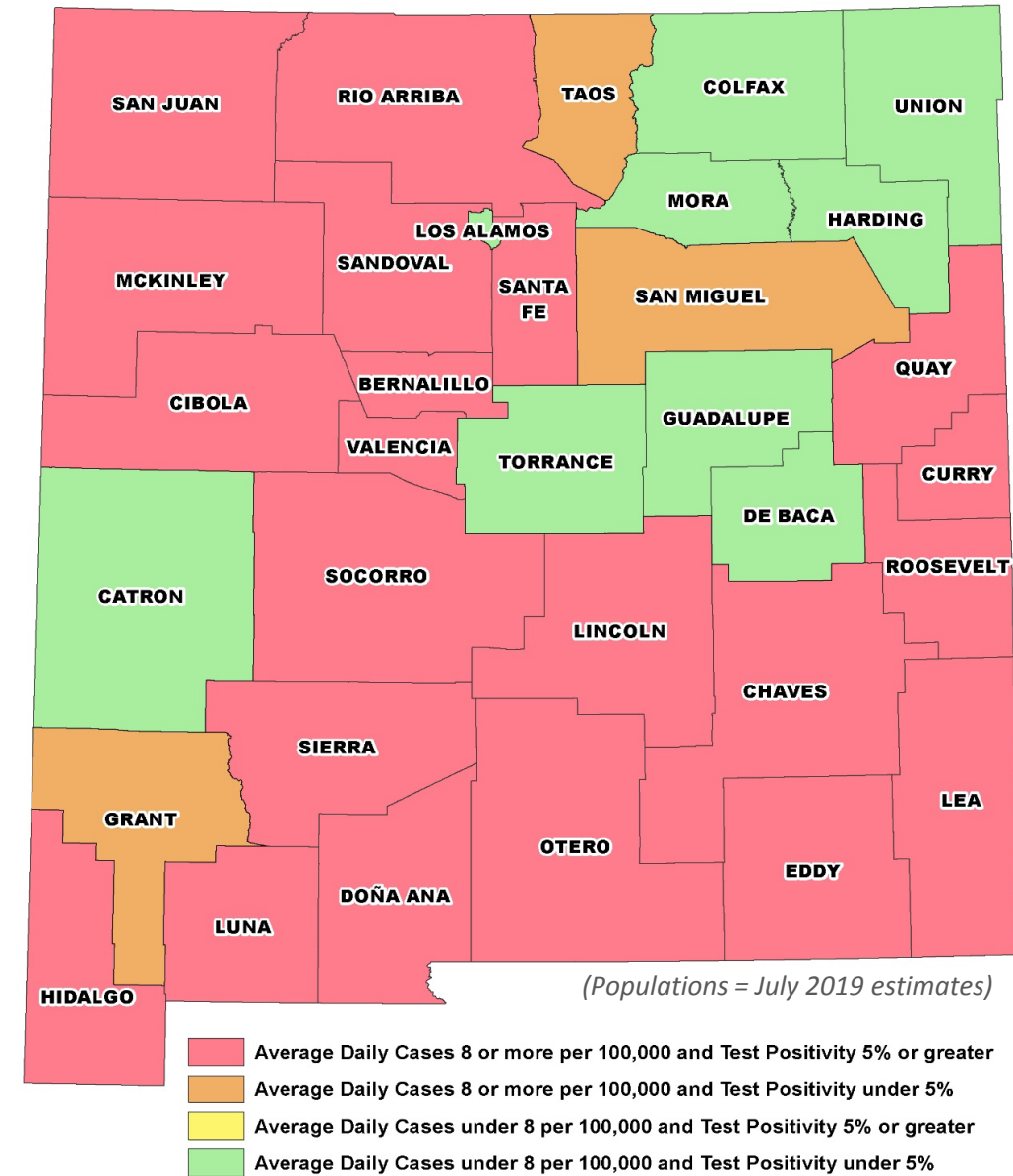
STATEWIDE PUBLIC HEALTH GATING CRITERIA FOR REOPENING

Criterion	Measure	Gating Target	Current Status
Spread of COVID-19	Rate of COVID-19 Transmission (10-day Rolling Average)	1.05 or less	1.11 on 11/4/20
	NM daily cases (7-day rolling average)	168	793 on 10/30/20
Testing Capacity: general and targeted populations*	Number of tests per day (7-day rolling average)	5,000 / day	10,974 on 11/3/20
	Test Positivity Rate (7-day rolling average)	5.0% or less	8.21% on 11/3/20
Contact Tracing and Isolation Capacity	Time from positive test result to: -isolation recommendation for case -quarantine rec. for case contacts	24 hrs	Week ending 10/31 = 53
		36 hrs	Week ending 10/31 = 92
Statewide Health Care System Capacity	Availability of scarce resources in 7 Hub Hospitals: -Adult ICU beds occupied	290/439 or less	298 on 11/5/20
	-PPE	7-day supply	7 on 10/31/20

ALL 4 CRITERIA DRIVEN BY SOCIAL DISTANCING BEHAVIORS OF NEW MEXICANS

TESTING UPDATE

- 7-day rolling average tests > 10,000 with a new record of 105 testing sites yesterday.
- Pooling is now up and running (384-768 tests daily at TriCore).
- Contracts in place with external vendors to perform 10,000+ additional daily tests.
- Started saliva testing, mail in testing this week.
- BinaxNOW Rapid Antigen Tests:
 - Validation testing complete, 75% positive and 99% negative concurrence with PCR in 334 symptomatic individuals
 - Available to clinicians for symptomatic testing
 - NMDOH developing recommendations for testing in congregate outbreak settings
- You should get tested!

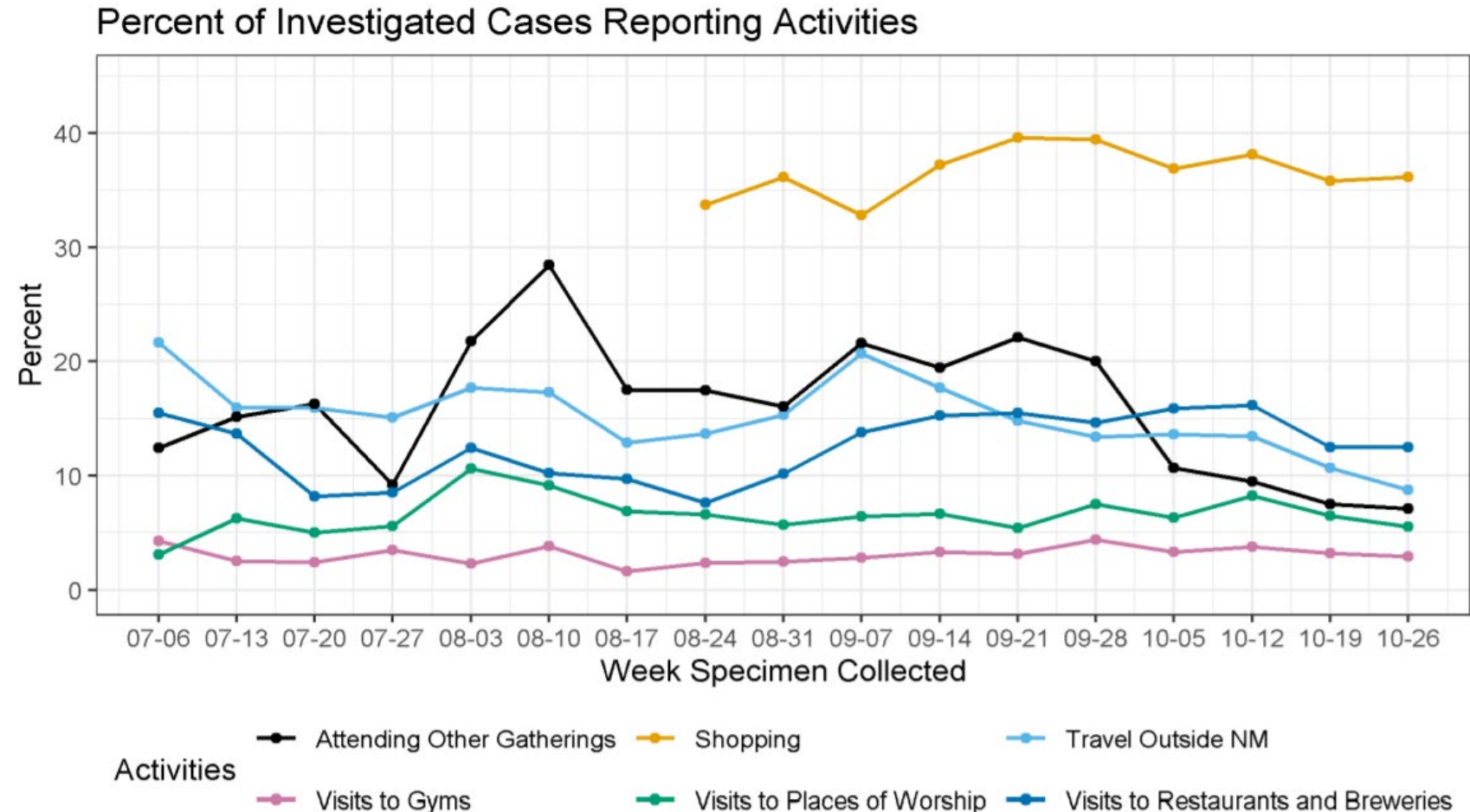


COVID-19 Average Daily Case Rates by Test Positivity,
New Mexico Counties, October 13 - October 26, 2020

46,182 people in green counties = 2.2% NM.

ANSWER THE CALL: COVID-19 CONTACT TRACING

- If you get tested for COVID-19, please **self-isolate for 14 days**.
- Attending gatherings and visiting restaurants and bars are the most frequent activities reported by positive cases.



Source: NM Department of Health. Cases in correctional facilities and residents of long-term care facilities were excluded. Percentages are out of cases who were contacted and asked about their exposures 14 days prior to illness onset. November 2, 2020.

WE MUST DOUBLE DOWN...

Nothing about the virus has changed!

- The rise in cases is due to the significant increase in human to human contact.
- This is threatening our ability to provide healthcare for all New Mexicans as early as next week.
- We ALL have to recommit to fighting the virus for another year.



CASES ARE RISING TOO QUICKLY. CONTACT TRACING EFFECTIVNESS HAS DECLINED. WE ALL STILL MUST FIGHT THE VIRUS.

STAY AT HOME. RETHINK YOUR HOLIDAY PLANS.

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

Everyone needs to wear face coverings in public. EVERYONE!

Maintain social distancing (minimum 6 feet).



HUMAN
SERVICES
DEPARTMENT



QUESTIONS

SECRETARY DAVID R. SCRASE, M.D.

INVESTING FOR TOMORROW, DELIVERING TODAY.

NOT TOO LATE FOR YOUR FLU SHOT

NM Adult & Child Flu Vaccines Administered, Cumulative Totals, 2019-2020 & 2020-2021 Flu Seasons

NM Influenza-Like Illness Activity

Region	10/18-10/24	10/11-10/17	Outbreak
NW	1.1%	1.5%	No
NE	0.9%	0.8%	No
Metro	1.6%	1.7%	No
SW	3.2%	2.4%	No
SE	1.9%	2.7%	No
NM	1.7%	1.8%	No

