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
• 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 DAILY CASE RATES PER 100,000 BY AGE GROUP

Investing for tomorrow, delivering today.

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)

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.
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](https://www.cdc.gov/covid-data-tracker/index.html#demographics)
NUMBER AND PERCENT OF DEATHS BY UNDERLYING CAUSE OF DEATH ON THE DEATH CERTIFICATE

<table>
<thead>
<tr>
<th>Underlying Cause</th>
<th>Number of Deaths*</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVID-19</td>
<td>705</td>
<td>89.0%</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>29</td>
<td>3.7%</td>
</tr>
<tr>
<td>Other</td>
<td>19</td>
<td>2.4%</td>
</tr>
<tr>
<td>Alzheimer’s or Dementia</td>
<td>15</td>
<td>1.9%</td>
</tr>
<tr>
<td>Cancer</td>
<td>9</td>
<td>1.1%</td>
</tr>
<tr>
<td>Chronic lower respiratory disease</td>
<td>4</td>
<td>0.5%</td>
</tr>
<tr>
<td>Chronic liver disease and cirrhosis</td>
<td>9</td>
<td>1.1%</td>
</tr>
<tr>
<td>Chronic Kidney Disease</td>
<td>2</td>
<td>0.3%</td>
</tr>
<tr>
<td>Total</td>
<td>792</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>Week</th>
<th>Best Case (5th Percentile)</th>
<th>Middle Case (50th Percentile)</th>
<th>Worst Case (95th Percentile)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020–11–01</td>
<td>8*</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>2020–11–08</td>
<td>4</td>
<td>9</td>
<td>13</td>
</tr>
<tr>
<td>2020–11–15</td>
<td>5</td>
<td>11</td>
<td>16</td>
</tr>
<tr>
<td>2020–11–22</td>
<td>5</td>
<td>13</td>
<td>21</td>
</tr>
<tr>
<td>2020–11–29</td>
<td>5</td>
<td>13</td>
<td>25</td>
</tr>
<tr>
<td>2020–12–06</td>
<td>5</td>
<td>13</td>
<td>30</td>
</tr>
<tr>
<td>2020–12–13</td>
<td>4</td>
<td>13</td>
<td>34</td>
</tr>
</tbody>
</table>

*Last reported confirmed deaths

Mean Miles Traveled in New Mexico

Pre-COVID-19 Mean Miles Traveled

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).

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).

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

42.2% increase from last week
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.
Source. NM Department of Health. Cases, hospitalizations, and deaths last week may not yet be reported and are not shown here. November 2, 2020.
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.

Dr. Jonathan Marinaro: Professor and Co-Chief of the UNM Center for Adult Critical Care
- 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
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
Our frontline staff have really been incredible, they haven’t had a break and yet continue to serve
Our clinical systems are very strained right now.

We have extremely talented providers who are well trained.

ECMO
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 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
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**.
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).**

---

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 repeating 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.nm.gov 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.

Sincerely,

Michelle Lujan Grisham  
Governor
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
### 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: | 24 hrs | Week ending 10/31 = 53
- isolation recommendation for case
- quarantine rec. for case contacts | 36 hrs | Week ending 10/31 = 92
**Statewide Health Care System Capacity** | Availability of scarce resources in 7 Hub Hospitals: | 290/439 or less | 298 on 11/5/20
- Adult ICU beds occupied | 7-day supply | 7 on 10/31/20
- PPE

*asymptomatic employees at high-risk sites, vulnerable populations, essential workers, congregate settings

**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!

(Populations = July 2019 estimates)
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 EFFECTIVENESS 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).
QUESTIONS

SECRETARY DAVID R. SCRASE, M.D.

INVESTING FOR TOMORROW, DELIVERING TODAY.
### NM Influenza-Like Illness Activity

<table>
<thead>
<tr>
<th>Region</th>
<th>10/18-10/24</th>
<th>10/11-10/17</th>
<th>Outbreak</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>1.1%</td>
<td>1.5%</td>
<td>No</td>
</tr>
<tr>
<td>NE</td>
<td>0.9%</td>
<td>0.8%</td>
<td>No</td>
</tr>
<tr>
<td>Metro</td>
<td>1.6%</td>
<td>1.7%</td>
<td>No</td>
</tr>
<tr>
<td>SW</td>
<td>3.2%</td>
<td>2.4%</td>
<td>No</td>
</tr>
<tr>
<td>SE</td>
<td>1.9%</td>
<td>2.7%</td>
<td>No</td>
</tr>
<tr>
<td>NM</td>
<td>1.7%</td>
<td>1.8%</td>
<td>No</td>
</tr>
</tbody>
</table>

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

- NM Influenza-Like Illness Activity
  - NW: 1.1% (10/18-10/24), 1.5% (10/11-10/17), No Outbreak
  - NE: 0.9% (10/18-10/24), 0.8% (10/11-10/17), No Outbreak
  - Metro: 1.6% (10/18-10/24), 1.7% (10/11-10/17), No Outbreak
  - SW: 3.2% (10/18-10/24), 2.4% (10/11-10/17), No Outbreak
  - SE: 1.9% (10/18-10/24), 2.7% (10/11-10/17), No Outbreak
  - NM: 1.7% (10/18-10/24), 1.8% (10/11-10/17), No Outbreak