



HUMAN
SERVICES
DEPARTMENT



COVID-19 DAY 176 PRESS UPDATE

SEPTEMBER 2, 2020

SECRETARY DAVID R. SCRASE, M.D.

INVESTING FOR TOMORROW, DELIVERING TODAY.

AGENDA

- Science & Media
- NM COVID-19 Update
- COVID-19 Food & Shelter Response
- Public Health Reopening Gating Criteria for New Mexico

Joined by Special Guest Secretary Brian Blalock, NM Children, Youth & Families Department

COVID-19 SCIENCE & MEDIA UPDATE

COVID-19 RE-INFECTION BY A PHYLOGENETICALLY DISTINCT SARS-CORONAVIRUS-2 STRAIN CONFIRMED BY WHOLE GENOME SEQUENCING CLINICAL INFECTIOUS DISEASES

- Hong Kong man who was infected with SARS-CoV-2 in March and made a full recovery was re-infected 4 months later after a trip out of the country.
 - Researchers found first and second infections had differing virus strains, suggesting re-infection is possible.
- **Findings suggest eliminating COVID-19 through herd immunity is unlikely and a potential vaccine may not provide life-long immunity.**
- **Those who have recovered from SARS-CoV-2 should continue to comply with social distance and mask wearing.**
- Other re-infection cases have been found in [Nevada](#) and in [Europe](#). Like the man in Hong Kong, these cases were also found to have a different strain of the virus.
- Unlike Hong Kong case, the case in Nevada was found to have a more severe illness during the second infection.

SARS-COV2 SEROLOGICAL SURVEY IN MUMBAI

NITI-BMC-TIFR

- Study estimated prevalence of SARS-CoV2 infection by neighborhood economic status through antibody testing.
- **Estimated 57% prevalence of COVID-19 in lower-income areas, compared to only 16% in higher income areas.**
- Higher prevalence in lower-income areas possibly due to population density and shared facilities such as restrooms and water supply.

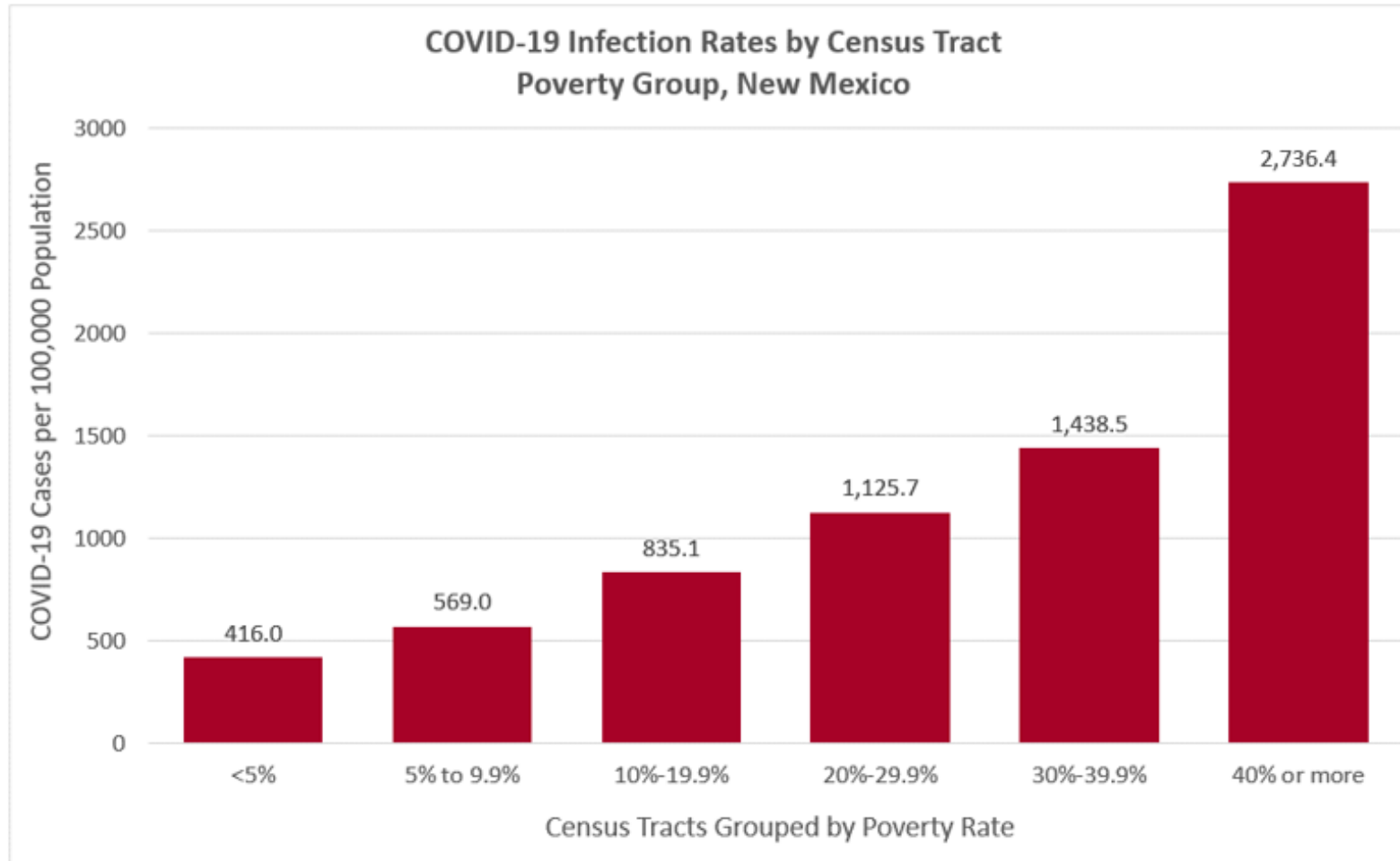
SARS-CoV2 prevalence in lower-income areas in Mumbai

Age bracket (years)	Prevalence	Lower CI	Upper CI
12 to 24	56.1%	52.4%	59.7%
25 to 40	52.9%	50.6%	55.2%
41 to 60	59.6%	57.1%	62.1%
Above 60	62.6%	57.3%	67.8%
Average	56.5%	55.0%	58.0%

SARS-CoV2 prevalence in higher-income areas in Mumbai

Age bracket (years)	Prevalence	Lower CI	Upper CI
12 to 24	18.8%	13.0%	24.5%
25 to 40	15.8%	13.3%	18.4%
41 to 60	15.9%	13.9%	17.9%
Above 60	12.6%	9.5%	15.7%
Average	15.5%	14.1%	16.9%

New Mexico COVID-19 Infection by Poverty Rate: COVID-19 Cases per 100,000 Population by Census Tract Poverty Rate



Sources: COVID-19 Cases, New Mexico Department of Health, Epidemiology and Response Division, New Mexico Electronic Disease Surveillance System (NMEDSS), 8/17/2020. Poverty Rates, U.S. Census Bureau, American Community Survey (ACS), 2018 5-yr. estimates.

TWO METERS OR ONE: WHAT IS THE EVIDENCE FOR PHYSICAL DISTANCING IN COVID-19?

THE BMJ

- Recent studies have suggested that SARS-CoV-2 can spread beyond 6 feet and have been detected as far as 26 feet during certain activities such as shouting, coughing, jogging, or singing.
- Researchers propose recommendations take into account specific risk factors such as ventilation, occupancy, and exposure time.

Type and level of group activity	Low occupancy			High occupancy		
	Outdoors and well ventilated	Indoors and well ventilated	Poorly ventilated	Outdoors and well ventilated	Indoors and well ventilated	Poorly ventilated
Wearing face coverings, contact for short time						
Silent	Low	Low	Low	Low	Low	Medium
Speaking	Low	Low	Low	Low	Low	Medium
Shouting, singing	Low	Low	Medium	Medium	Medium	High
Wearing face coverings, contact for prolonged time						
Silent	Low	Low	Medium	Low	Medium	High
Speaking	Low	Medium*	Medium	Medium*	Medium	High
Shouting, singing	Low	Medium	High	Medium	High	High
No face coverings, contact for short time						
Silent	Low	Low	Medium	Medium	Medium	High
Speaking	Low	Medium	Medium	Medium	High	High
Shouting, singing	Medium	Medium	High	High	High	High
No face coverings, contact for prolonged time						
Silent	Low	Medium	High	Medium	High	High
Speaking	Medium	Medium	High	High	High	High
Shouting, singing	Medium	High	High	High	High	High

Risk of transmission

Low ■ Medium ■ High ■

* Borderline case that is highly dependent on quantitative definitions of distancing, number of individuals, and time of exposure

TO TEST SPREAD OF CORONAVIRUS, THESE SCIENTISTS PUT ON A CONCERT NEW YORK TIMES

- Concert was held in Leipzig, Germany with 1,400 volunteer audience members as first in a series of experiments to study how to track risks of coronavirus infection spread at large, indoor events.
- Volunteers wore masks, provided tracking mechanisms, and had designated seating. Experiment also included a smoke machine to track the spread of particles throughout the audience.
- Experiment is part of [Restart19](#) (German university research organization) and results expected to be ready by early October. Similar studies are being planned in Australia, Belgium, and Denmark.



WHY AREN'T WE USING _____ * TO TREAT COVID IN NEW MEXICO? ACCORDING TO THE INTERNET, EVERYONE ELSE IS!!

Type of Pathogen	Example	Effective Drug Class	Examples
Bacteria	Bacterial pneumonia, Strep throat, urinary tract infection	Antibiotics	penicillin, azithromycin
Virus	Influenza, Hepatitis C, COVID-19	Antivirals	oseltamivir, glecaprevir, REMDESIVIR
Fungus	Candida (yeast), aspergillus	Antifungals	amphotericin, clotrimazole, ketoconazole
Parasite	Malaria, tapeworm	Antimalarials, antiparasitic	chloroquine, hydroxychloroquine, ivermectin

***Options:** azithromycin, chloroquine, hydroxychloroquine, ivermectin, zinc, niacin, amniotic fluid, silver, inhaled salt, chaga tea, vitamins B/C/D/E, disinfectants, light, multiple traditional Chinese medicines, iodine, CBD oil, cod liver oil, grapefruit extract, honey, steroid inhalers, and hundreds more

NEJM DOUBLE-BLIND RANDOMIZED CONTROL TRIAL (RCT): REMDESIVIR SIGNIFICANTLY DECREASED TIME TO RECOVERY

- Double-blind, randomized, placebo-controlled trial was conducted on intravenous remdesivir in adults hospitalized with Covid-19 with evidence of lower respiratory tract involvement (N=1063 patients).
- Preliminary results demonstrate **Remdesivir group median recovery time was 11 days (95% confidence interval [CI], 9 to 12), compared to 15 days (95% CI, 13 to 19) for the placebo group (rate ratio for recovery, 1.32; 95% CI, 1.12 to 1.55; P<0.001). The Kaplan-Meier estimates of mortality by 14 days were 7.1% with remdesivir and 11.9% with placebo (hazard ratio for death, 0.70; 95% CI, 0.47 to 1.04).**
- Benefit was greatest in hospitalized patients requiring oxygen without high flow oxygen, intubation or ECMO (ordinal scale 5) at enrollment with HR (95%CI) for median time to recovery = 1.47 (1.17-1.84) and mortality by day 14 = 0.22 (0.08-0.58).
- Impact on recovery and mortality in those who were sicker at entry (ordinal 6: high flow oxygen & ordinal 7: intubation or ECMO) was not significant, but there were smaller numbers of study subjects in these groups. And, a higher proportion of these subjects were still hospitalized at the time of the interim analysis.
- **While it's not possible to say that sicker patients don't benefit, it's clear that those in the ordinal scale 5 group do benefit with significant reduction in both time to recovery and mortality.**

ORIGINAL ARTICLE

Remdesivir for the Treatment of Covid-19 — Preliminary Report

J.H. Beigel, K.M. Tomashek, L.E. Dodd, A.K. Mehta, B.S. Zingman, A.C. Kalil, E. Hohmann, H.Y. Chu, A. Luetkemeyer, S. Kline, D. Lopez de Castilla, R.W. Finberg, K. Dierberg, V. Tapson, L. Hsieh, T.F. Patterson, R. Paredes, D.A. Sweeney, W.R. Short, G. Touloumi, D.C. Lye, N. Ohmagari, M. Oh, G.M. Ruiz-Palacios, T. Benfield, G. Fätkenheuer, M.G. Kortepeter, R.L. Atmar, C.B. Creech, J. Lundgren, A.G. Babiker, S. Pett, J.D. Neaton, T.H. Burgess, T. Bonnett, M. Green, M. Makowski, A. Osinusi, S. Nayak, and H.C. Lane, for the ACTT-1 Study Group Members*

ABSTRACT

BACKGROUND

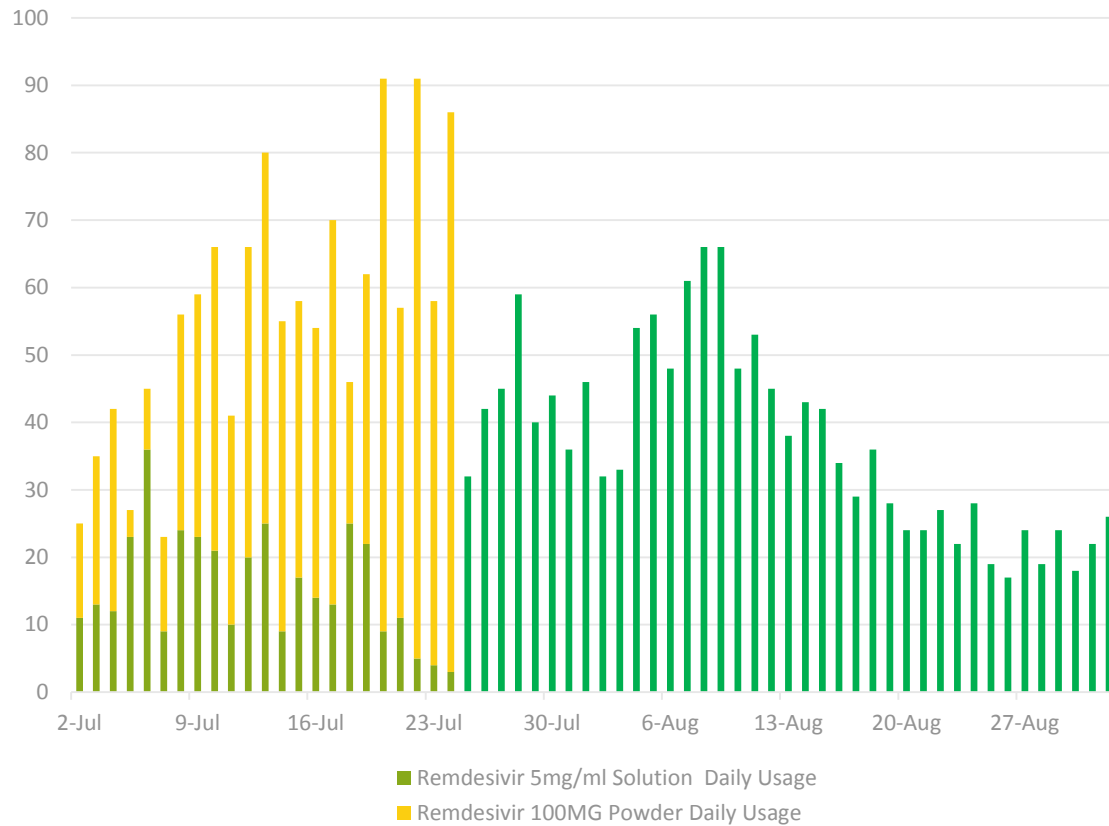
Although several therapeutic agents have been evaluated for the treatment of coronavirus disease 2019 (Covid-19), none have yet been shown to be efficacious.

METHODS

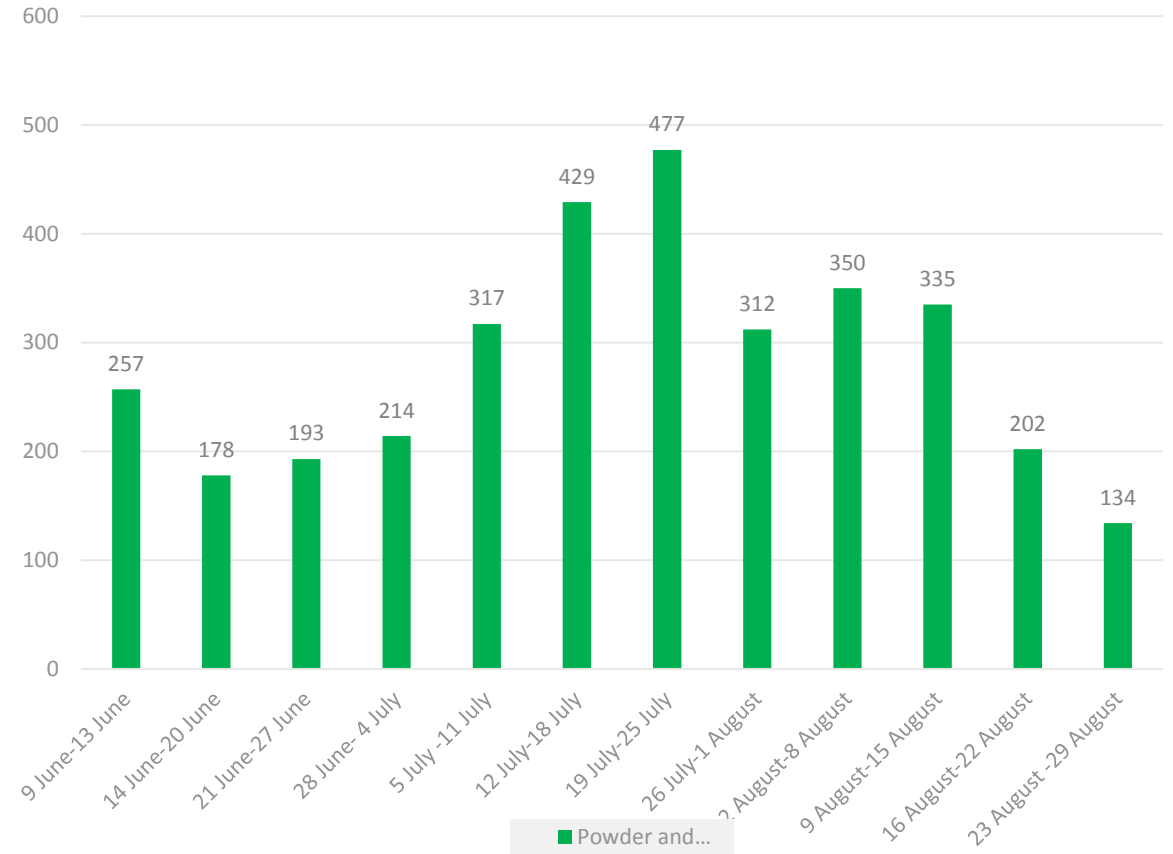
We conducted a double-blind, randomized, placebo-controlled trial of intravenous remdesivir in adults hospitalized with Covid-19 with evidence of lower respiratory tract involvement. Patients were randomly assigned to receive either remdesivir (200 mg loading dose on day 1, followed by 100 mg daily for up to 9 additional days) or placebo for up to 10 days. The primary outcome was the time to recovery, defined by either discharge from the hospital or hospitalization for infection-control purposes only.

GREAT SUCCESS WITH REMDESIVIR IN NEW MEXICO HOSPITALIZED PATIENTS

Remdesivir Daily Usage

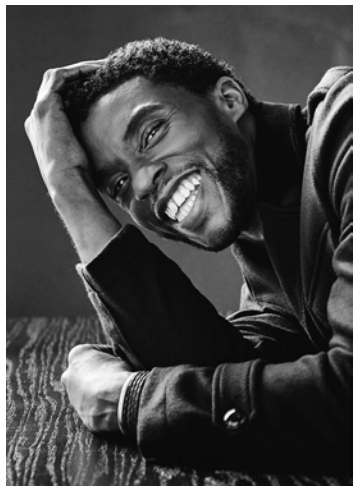


Remdesivir Weekly Vial Usage

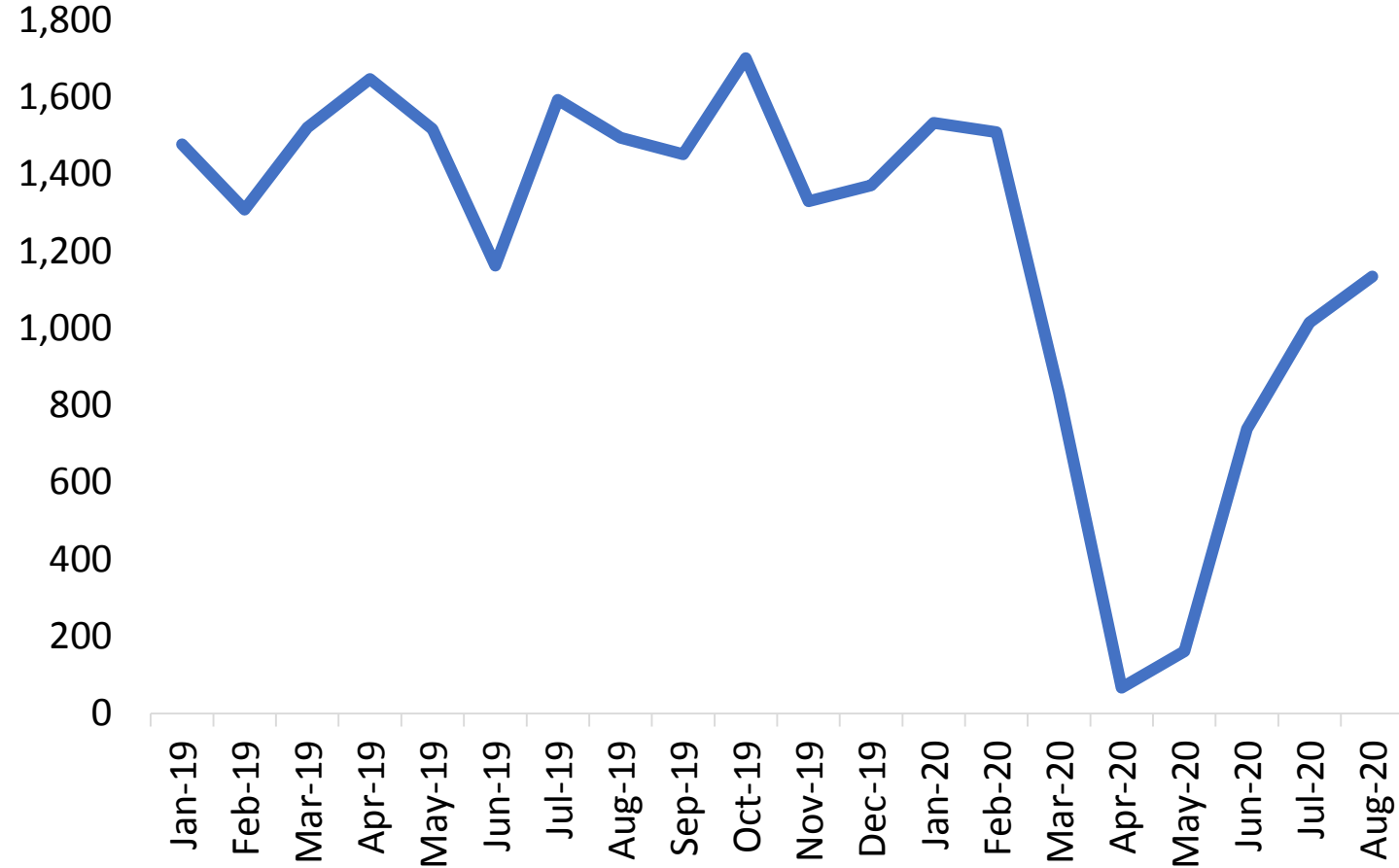


DON'T DELAY YOUR HEALTHCARE!

- [Colon cancer](#) is 2nd highest cause of cancer deaths in the U.S. and is largely preventable through screening.
- **~23 million adults aged 50 to 75 are past due for screening, and ~53,000 Americans will die from colorectal cancer this year.**
- If you are at high risk (family history or personal history of adenomas) schedule a screening **TODAY**.
- [Symptoms](#) may include unintended weight loss, unexplained change in bowel habits, new onset abdominal pain, blood in stools.



Colonoscopies Performed, Major NM Hospital System

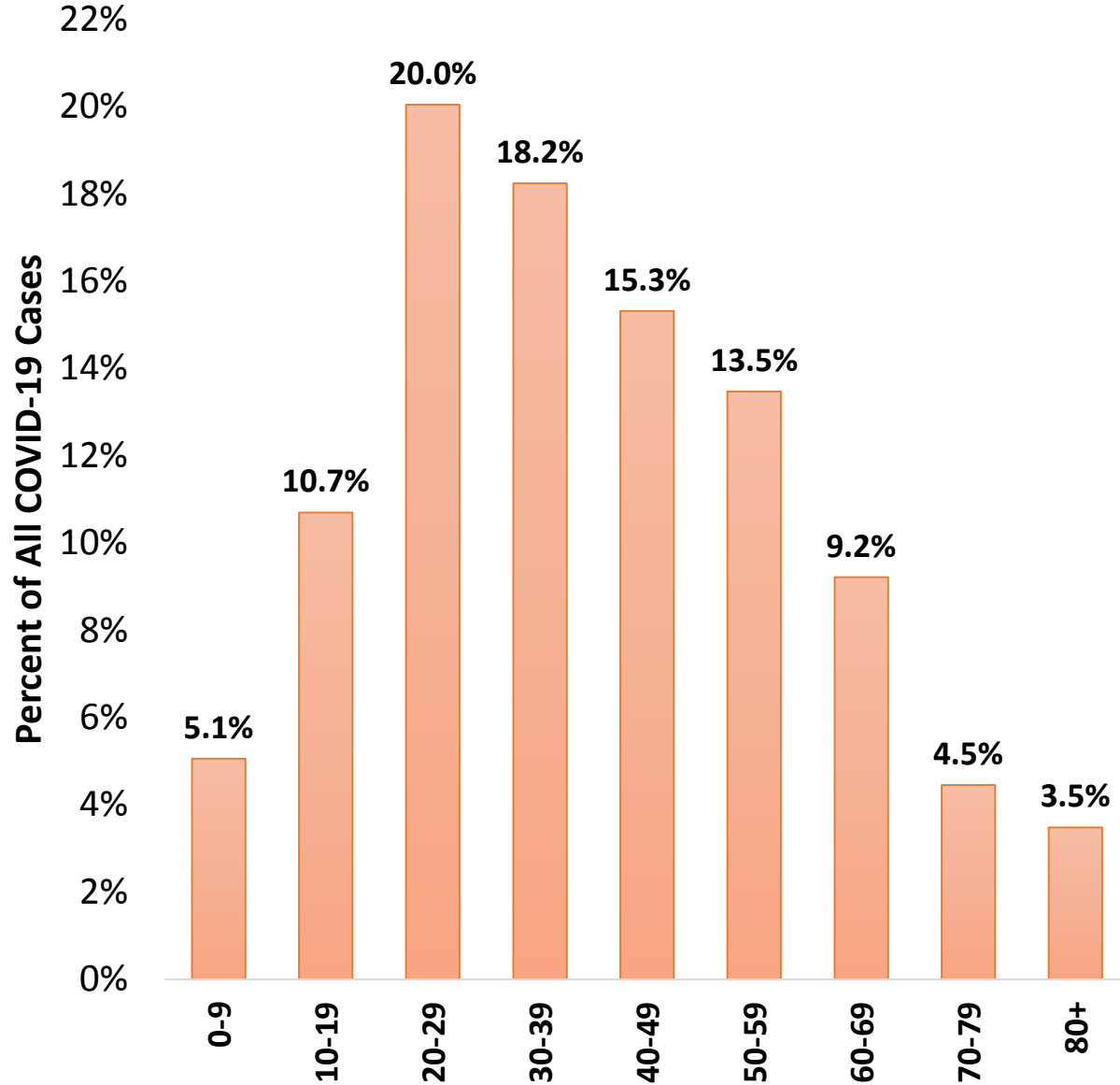


Actor Chadwick Boseman, diagnosed with stage III Colon Cancer in 2016, died on August 28th at age 43.

COVID-19 IN NM UPDATE

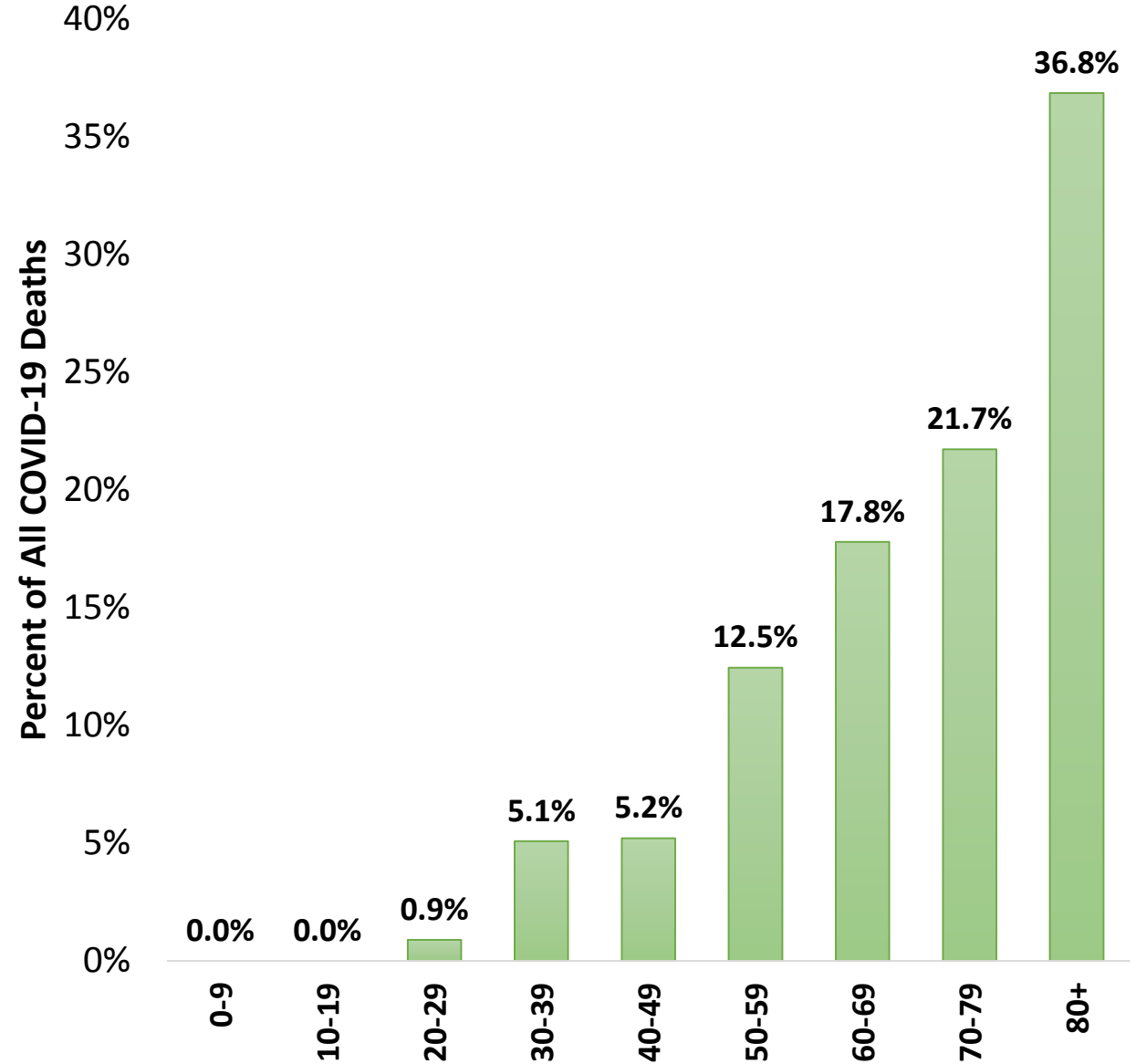
NM COVID-19 Confirmed Cases by Age as of 9/1/20 (%)

Source: NM
Department of Health.
Excludes unknown
age



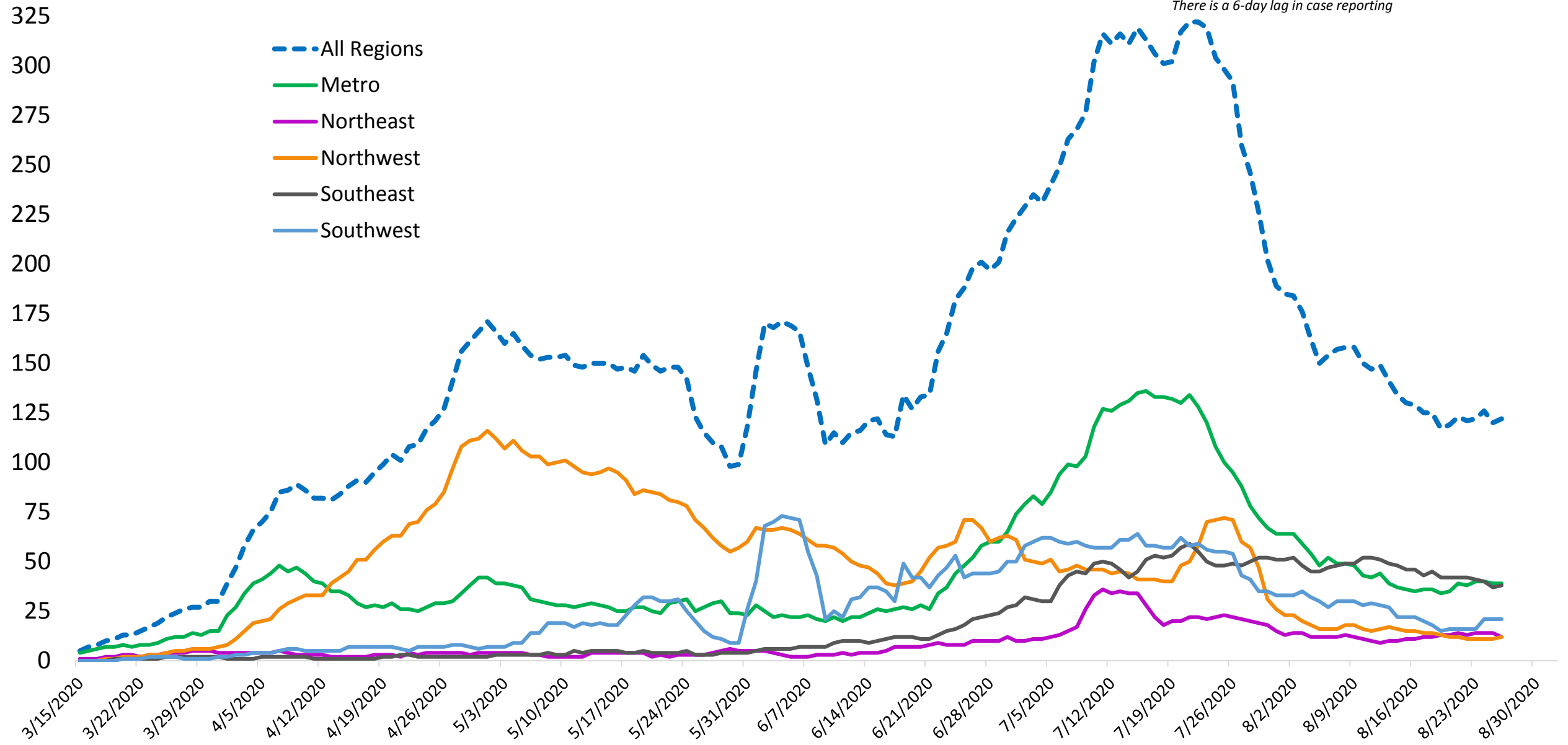
NM COVID-19 Deaths by Age as of 9/1/20 (%)

Source: NM
Department of Health
Excludes unknown age

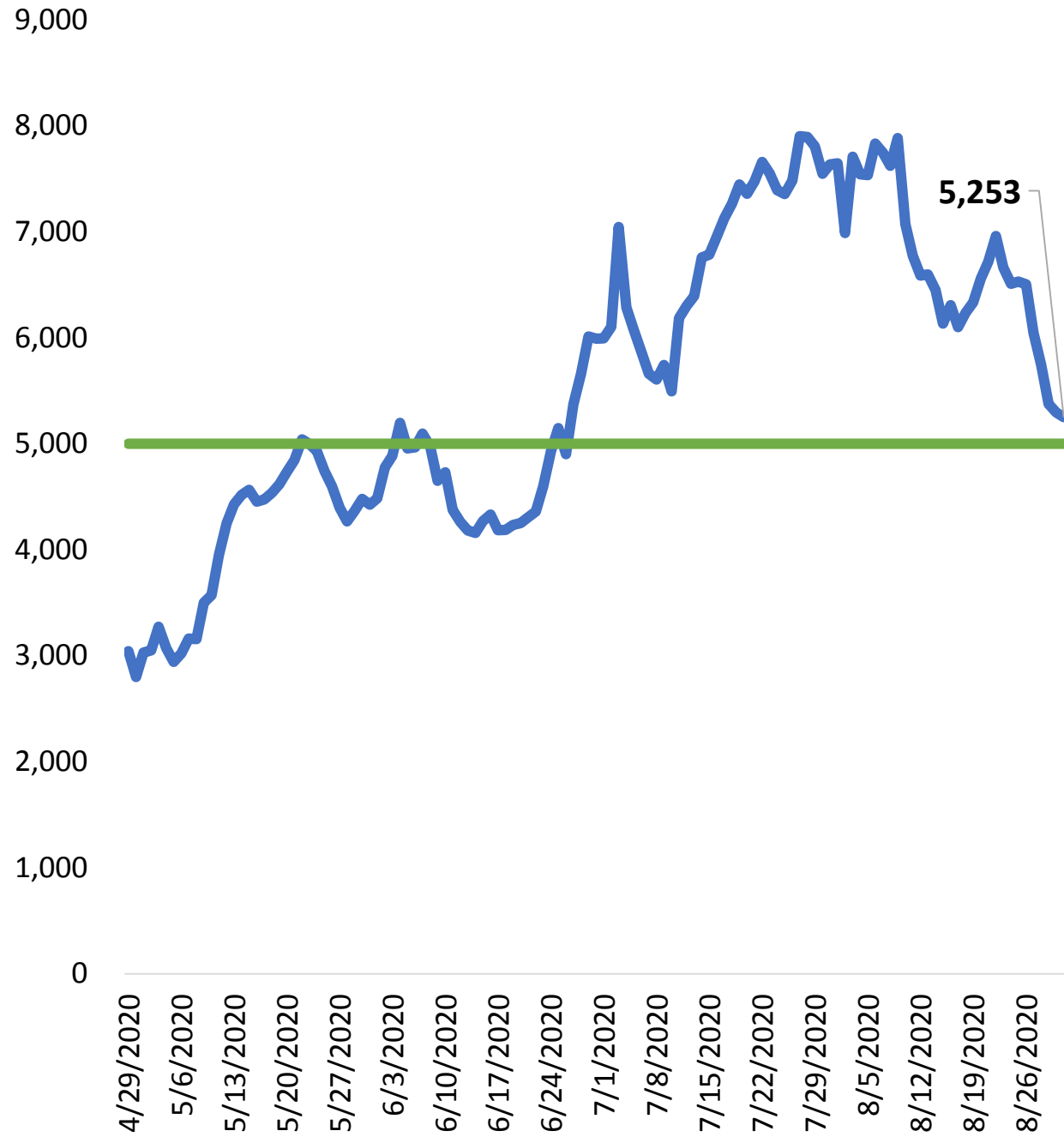


7-Day Average of Daily COVID-19 Positive Cases by Date of Specimen Collection, NMDOH Regions 9/1/2020

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



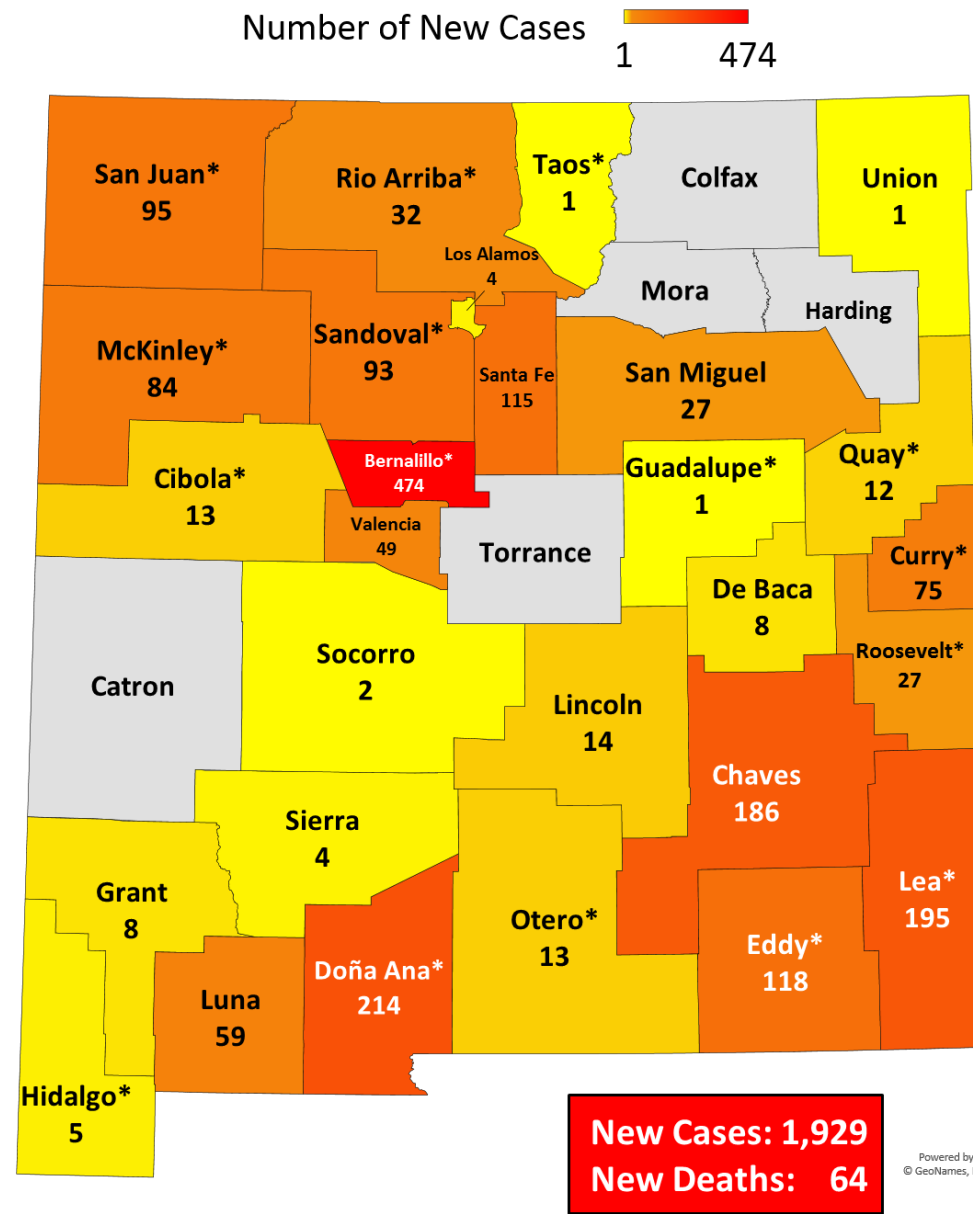
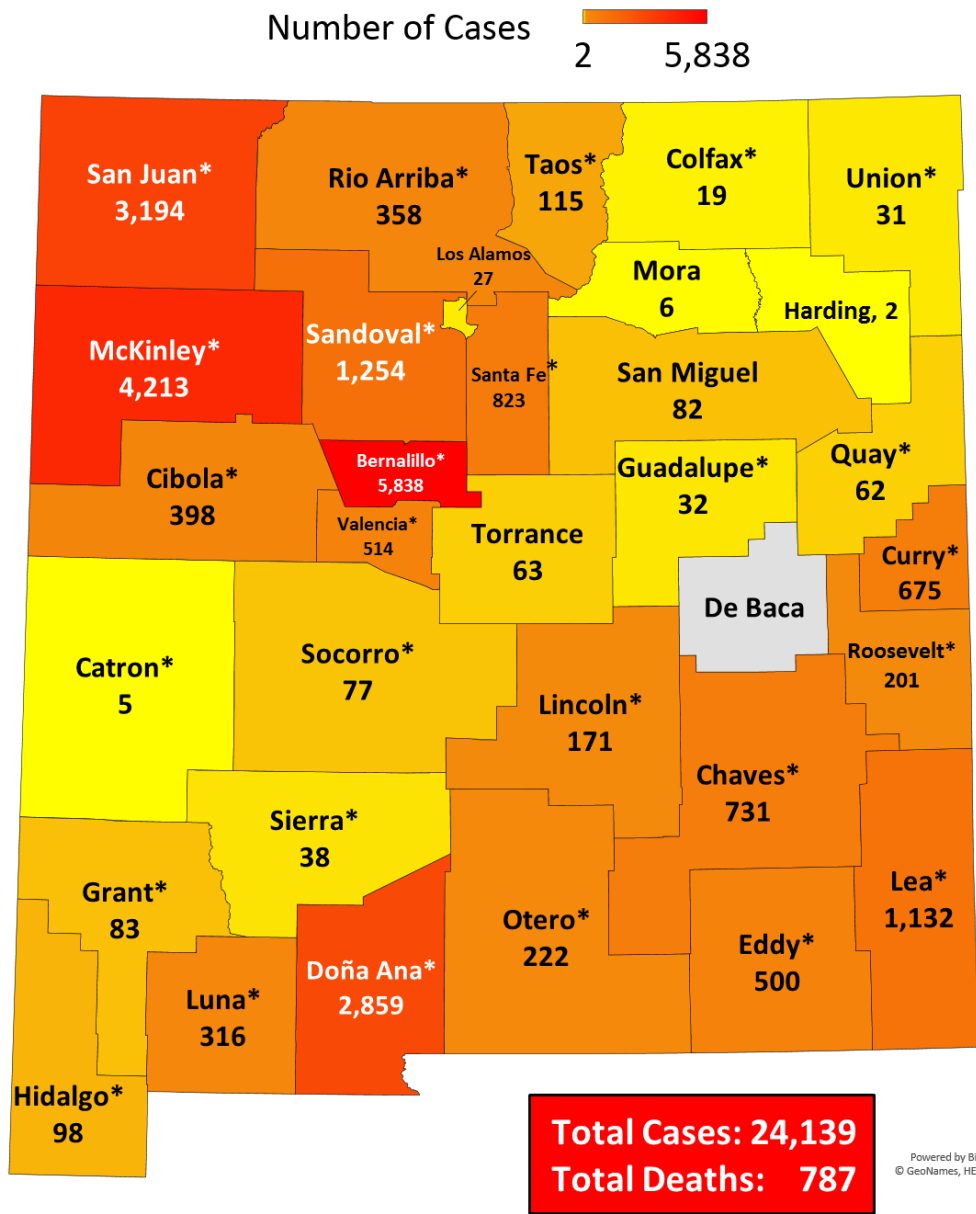
NM COVID-19 Tests, 7-Day Rolling Average



NM COVID-19 Tests Positivity Rate, based on confirmed daily cases, 7-Day Rolling Average



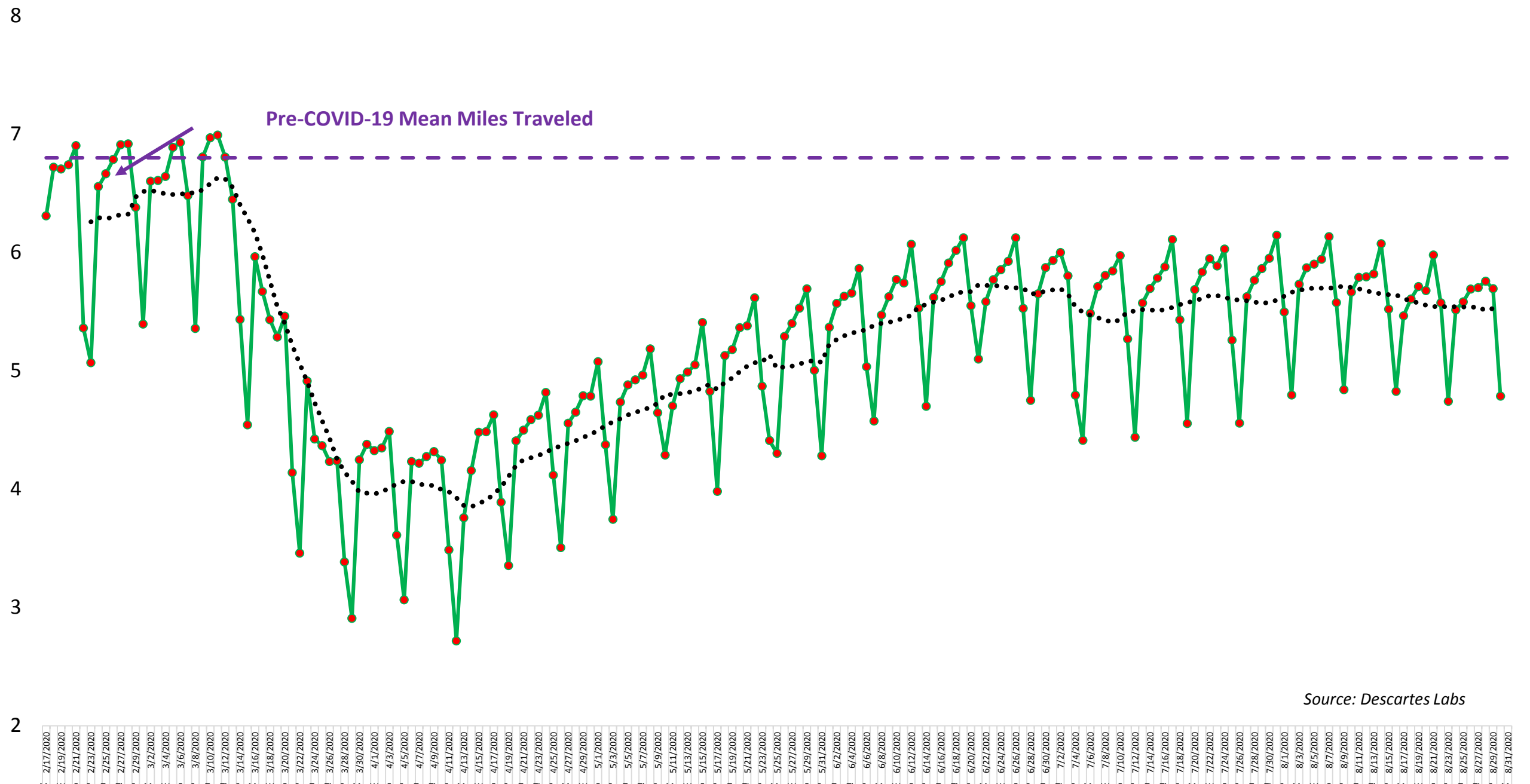
Total COVID-19 Positive Cases (9/1/2020) New COVID-19 Positive Cases (8/19 to 9/1) ¹⁹



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 death occurred in county. Excludes cases in federal and state detention facilities.

Mean Miles Traveled in New Mexico



Source: Descartes Labs

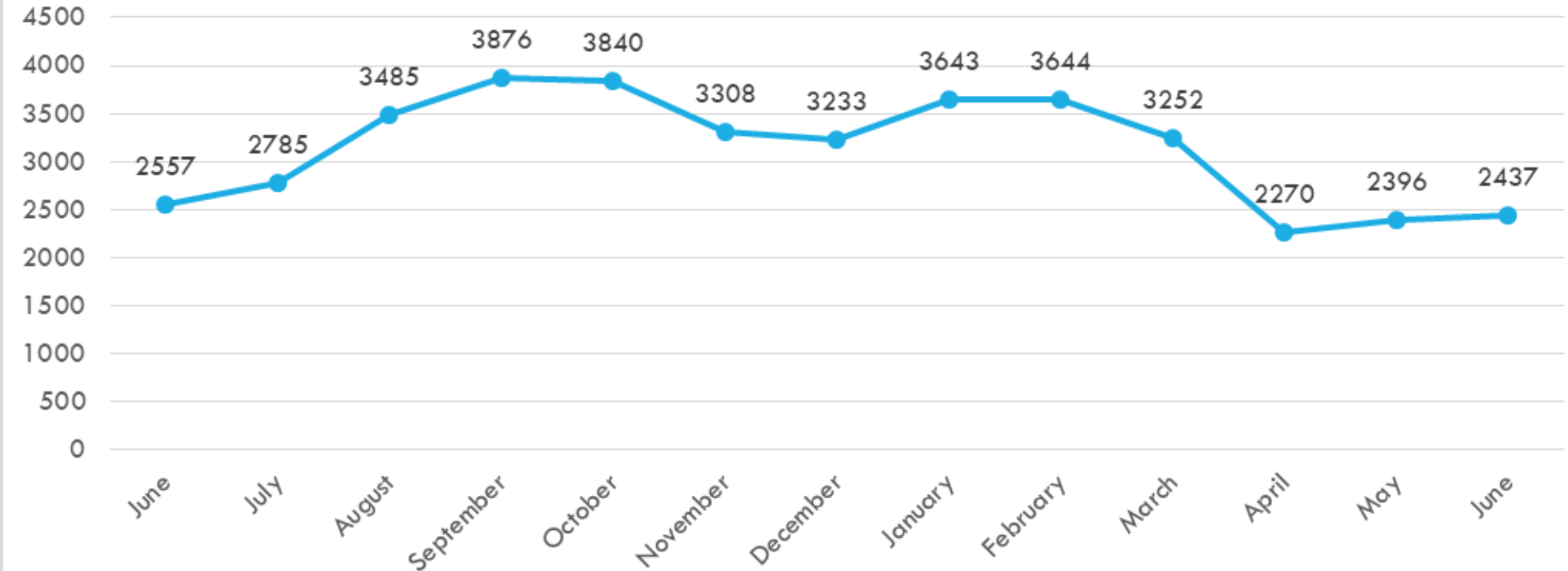
COVID-19 VACCINE PLANNING IN NM

- NMDOH anticipates COVID-19 vaccine available in November primarily for healthcare workers and long-term care residents.
- Vaccines available for the public in January at no-cost.
- More than one vaccine type will be approved and most will require two shots (21 or 28 days apart).
- Vaccine will be available in hospitals, clinics, public health offices, nursing homes and senior centers, and pharmacies.



REPORTING ABUSE OR NEGLECT: CYFD STATEWIDE CENTRAL INTAKE (SCI), ALL REPORTS, JUNE 2019- JUNE 2020

SCI Calls (Total) Jun. 2019-Jun. 2020



If you need assistance...

Family Resource Connection/Report Child Abuse: Call #SAFE / 855-333- SAFE (7233)

New Mexico Crisis & Access Line 24/7: 855-NMCRISIS (662-7474)

NMConnect App – Apple Store or Google Play Store

Child Care Assistance Referrals: 800-691-9067

Coronavirus Health Hotline: 855-600-3453

Questions about schools, public assistance, job issues,
and all other non-health-related questions: 833-551-0518



Children Youth & Families Department

HUMAN SERVICES
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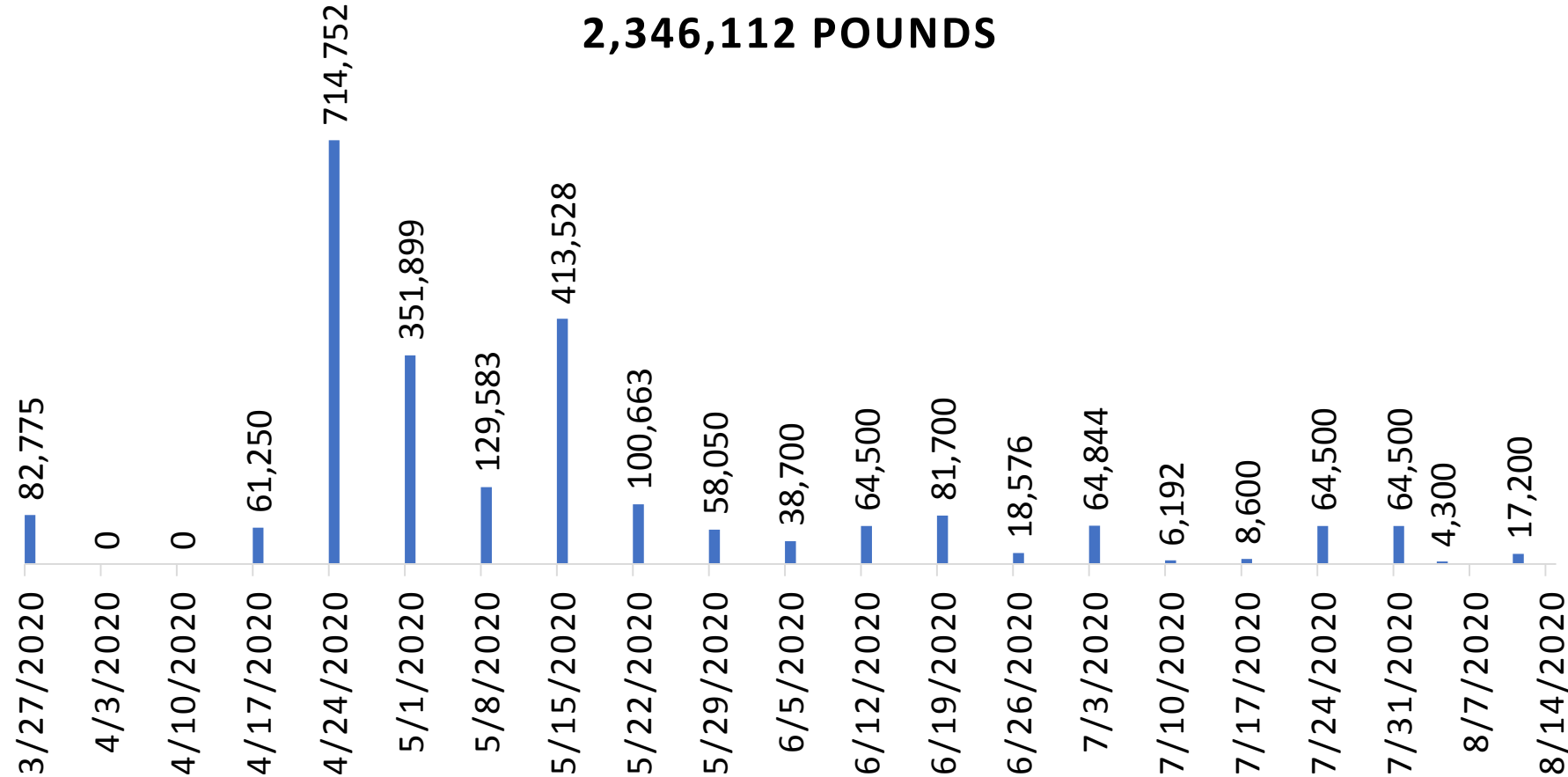
COVID-19 FOOD & SHELTER RESPONSE UPDATE

SECRETARY BRIAN BLALOCK, NM CHILDREN, YOUTH &
FAMILIES DEPARTMENT

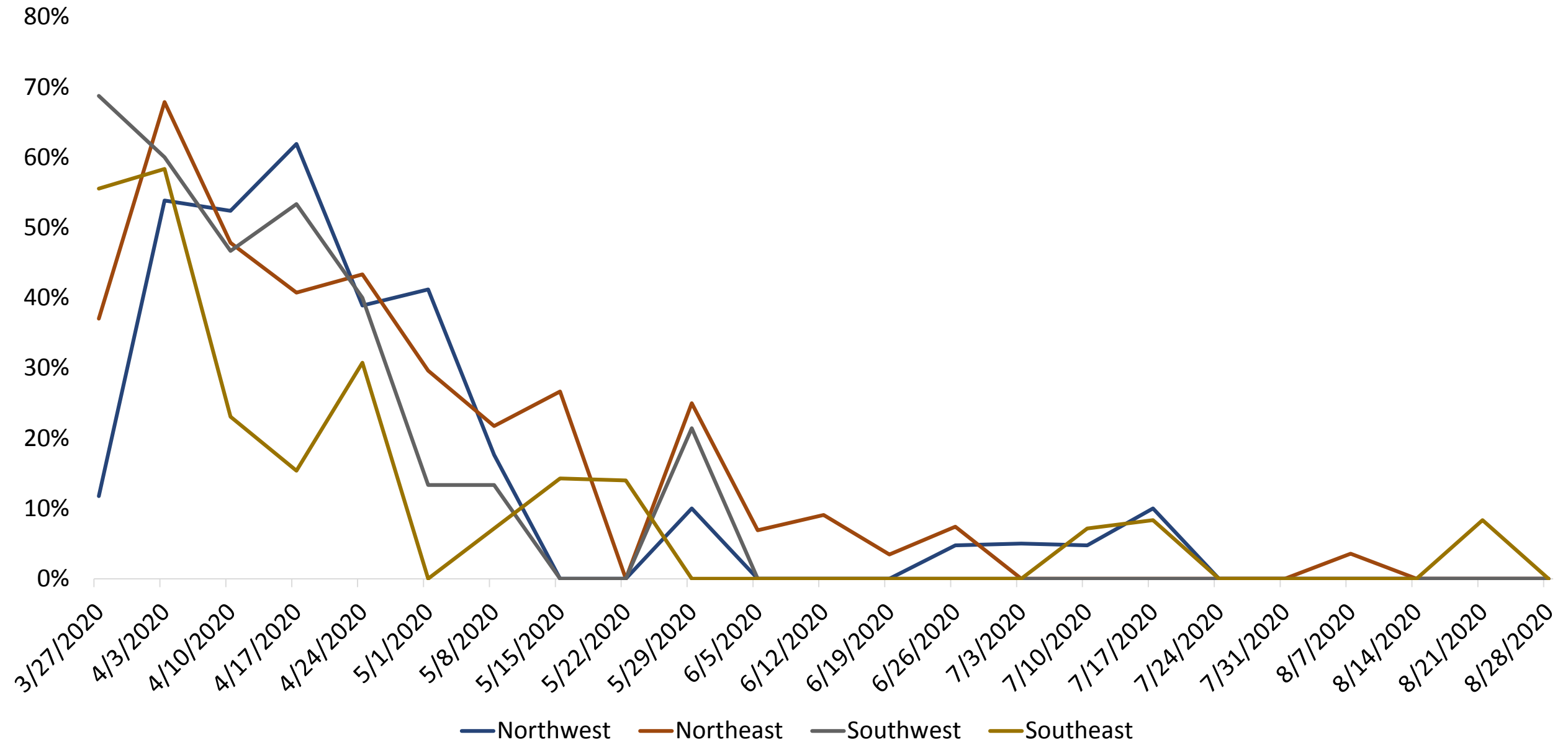
EMERGENCY SUPPORT FUNCTION (ESF) 6 – FOOD & SHELTER

- ESF 6 –coordinates delivery of mass care, emergency assistance, housing, and human services
- Collaborative effort with Department of:
 - Indian Affairs
 - Children, Youth & Families
 - Department of Health
 - Human Services

TOTAL FOOD DELIVERED, ALL PUBLIC, POUNDS
2,346,112 POUNDS

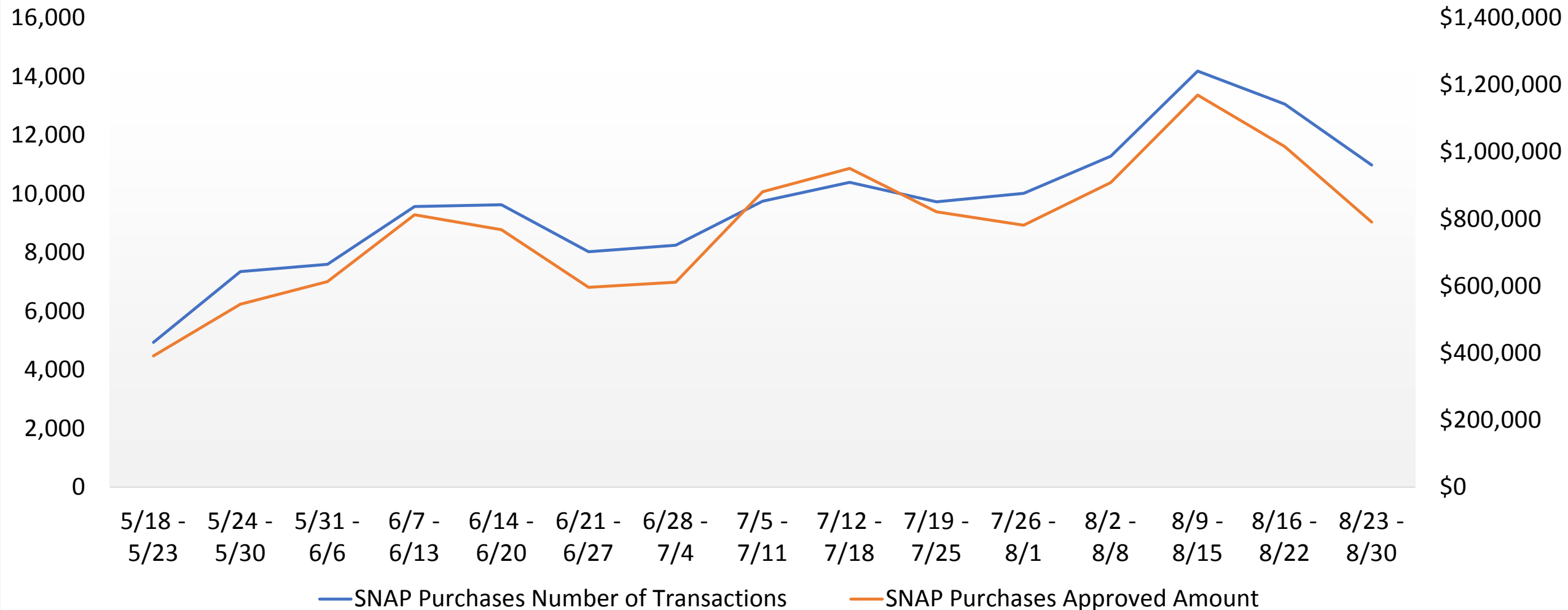


NM Small Grocer Survey % of Incomplete Deliveries 8/28/2020



Reporting Date – Aug 30th, 2020

Weekly Online Purchasing - SNAP



ESF6 Shelter Operations

Total all Non-congregate shelter sites			
Sum of Patients/Workers	1st Responder/Surge Staff	Patients	Hotel Location
34	0	34	Albuquerque
0	0	0	Aztec
28	13	15	Gallup
	0	0	Hobbs
1	1	0	Las Cruces
3	0	3	Las Vegas
	0	0	Ruidoso
1	1	0	Santa Fe
1	1	0	Clovis
0	0	0	Farmington
68	16	52	

ESF6 Shelter Operations – Specialty Shelters

Sum of Patients	% Occupancy
1	4%
24	48%
25	33%



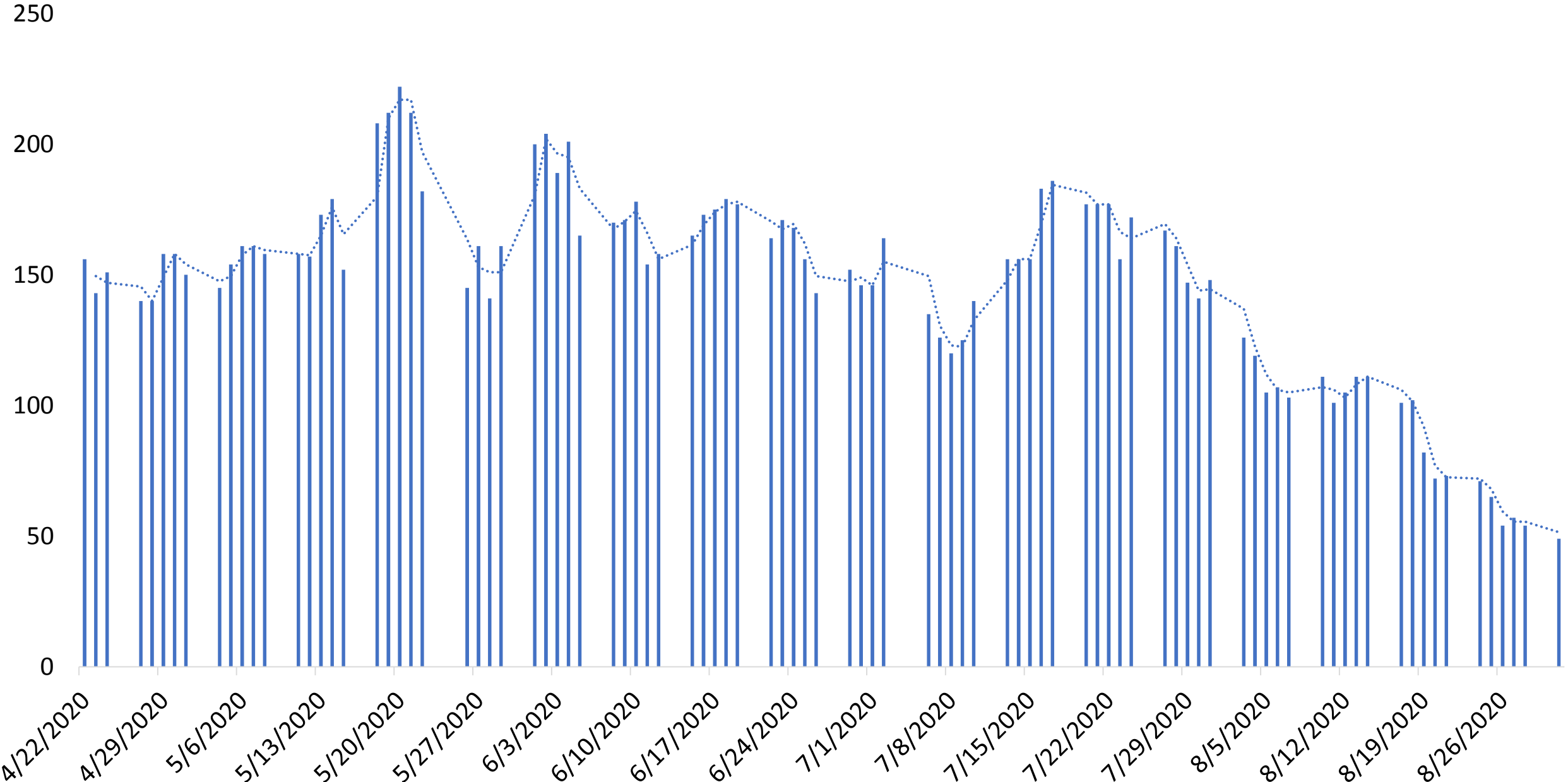
Detox/SUD Shelters

Sum of Patients	% Occupancy
34	32%
0	0%
7	7%
8	10%
0	0%
0	0%
0	0%
49	13%



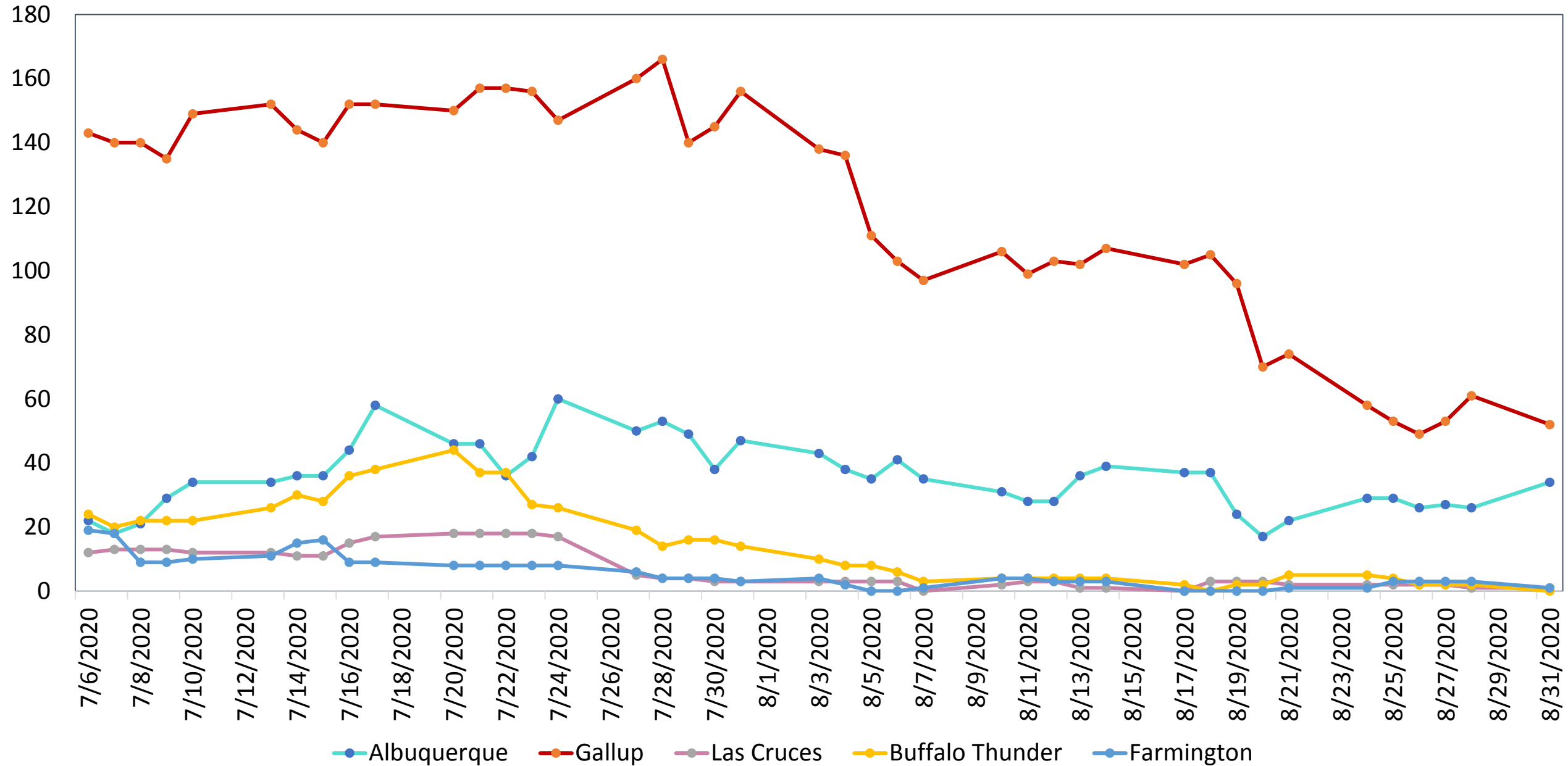
Medical Shelters

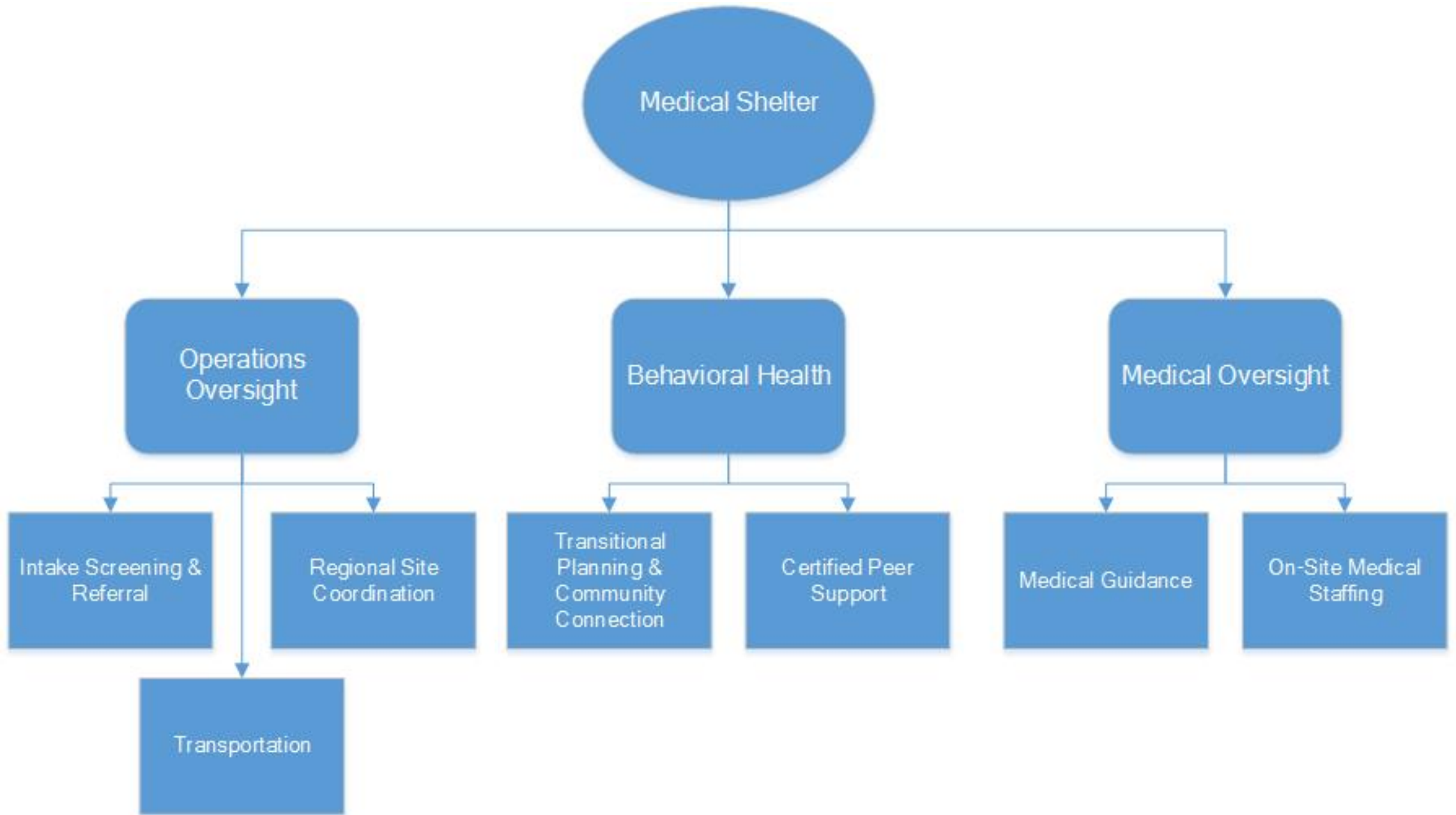
Medical Shelters/Moving Average Total Patients 08/31/20



All Shelter Types by City

08/31/20





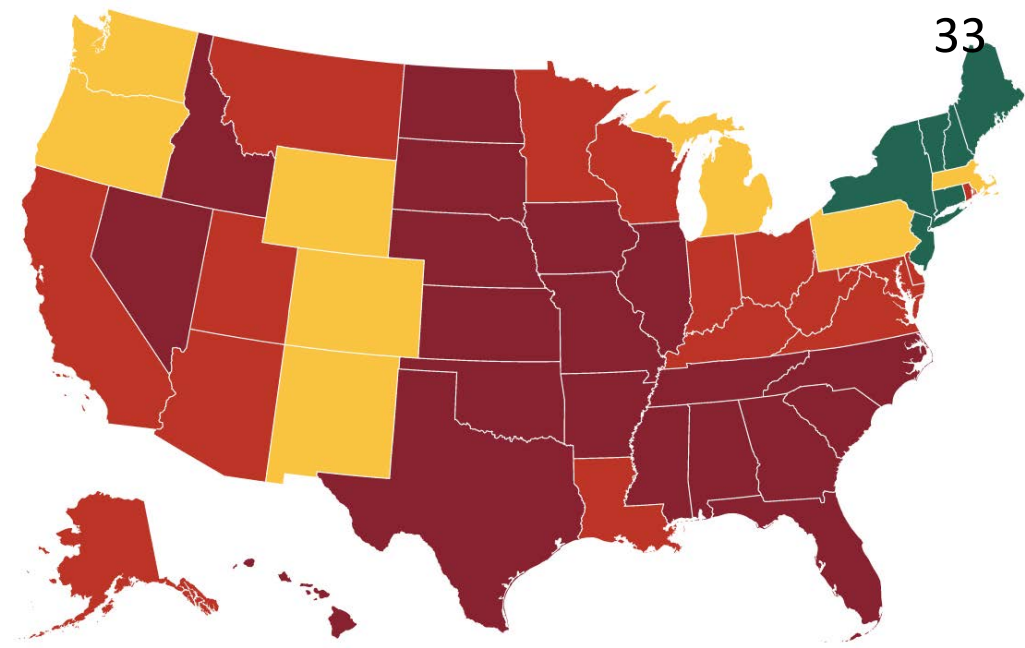
GATING CRITERIA UPDATE

STATEWIDE PUBLIC HEALTH GATING CRITERIA FOR REOPENING ³²

Criterion	Measure	Gating Target	Current Status
Spread of COVID-19	Rate of COVID-19 Transmission (10-day Rolling Average)	1.05 or less	0.98 on 8/31/20
	NM daily cases (7-day rolling average)	168	122 on 8/26/20
Testing Capacity: general and targeted populations*	Number of tests per day (7-day rolling average)	5,000 / day	5,253 on 8/31/20
	Test Positivity Rate (7-day rolling average)	5.0% or less	2.39% on 8/31/20
Contact Tracing and Isolation Capacity	Time from positive test result to: -isolation recommendation for case -quarantine rec. for case contacts	24 hrs	Week ending 8/28 = 20
		36 hrs	Week ending 8/28 = 28
Statewide Health Care System Capacity	Availability of scarce resources in 7 Hub Hospitals: -Adult ICU beds occupied	439 or less	244 on 9/1/20
	-PPE	7-day supply	7 on 8/29/20

ALL 4 CRITERIA DRIVEN BY SOCIAL DISTANCING BEHAVIORS OF NEW MEXICANS

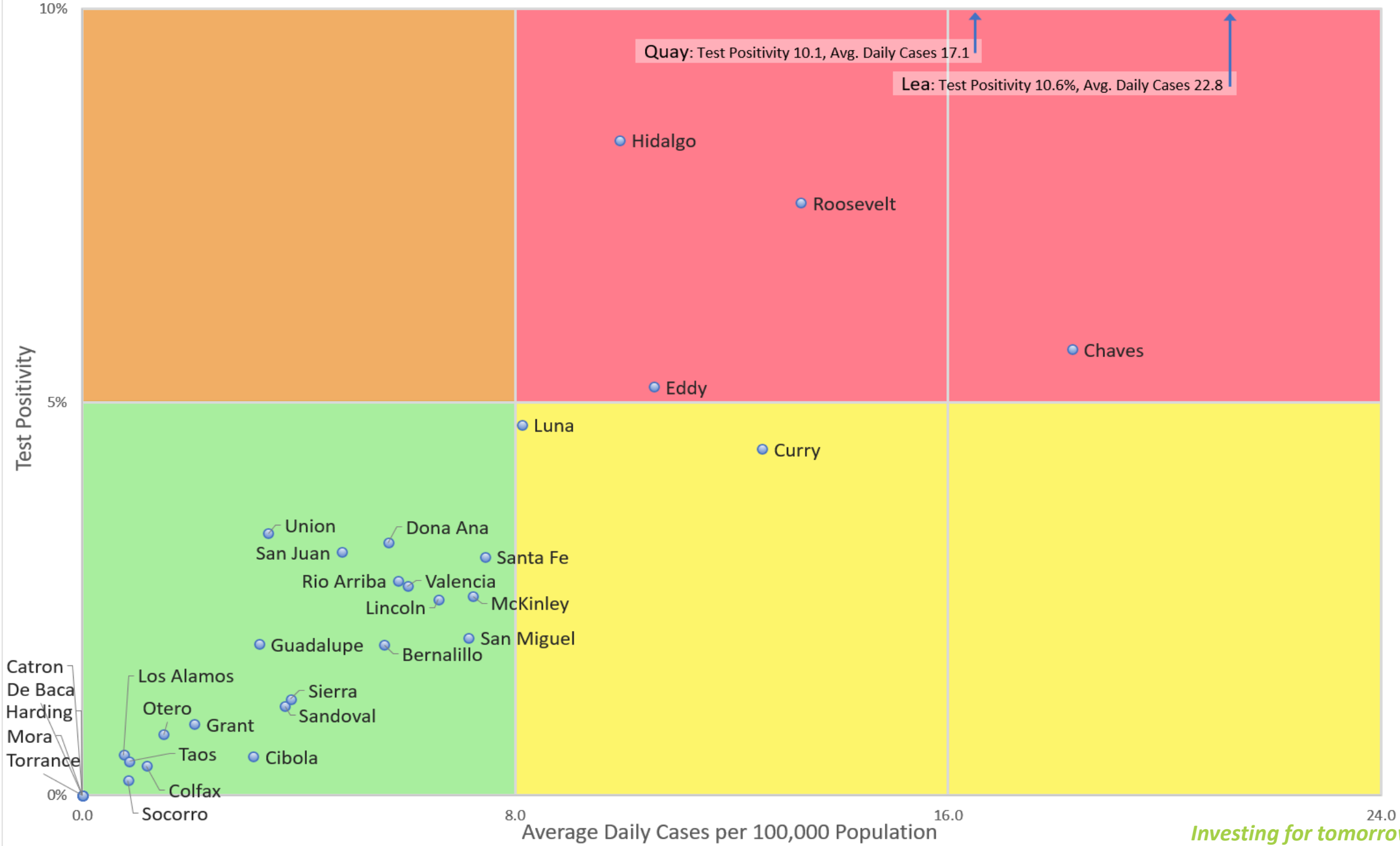
HOW WE REOPEN SAFELY



STATE NAME	14-DAY TREND OF COVID+	LAST 14 DAYS OF COVID+ (ROLLING)	% OF TEST TARGET (INCIDENCE ADJUSTED)	ICU OCCUPIED	NEW CASES PER MILLION PER DAY	CONTACT TRACING POSSIBLE?	COVID+ RATE IS
New Mexico 🧐	-6% Decreasing	134 126	127%	58% Normal	60	Possible Positivity low	2.4% Increasing

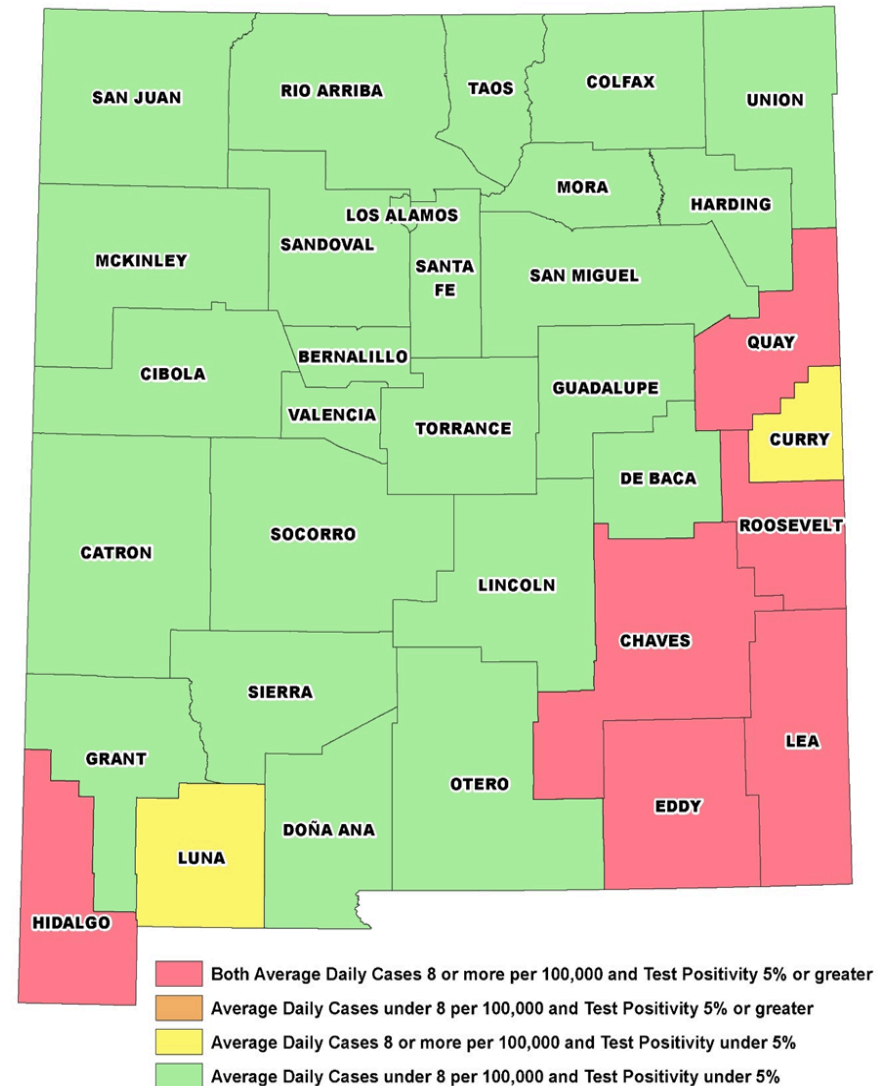
Notes: If a 🧐 is next to a state it indicates a state-wide mandated mask policy for indoor AND outdoor settings. For detailed definitions see: <https://www.covidexitstrategy.org/definitions-and-criteria>

Test Positivity by Average Daily Cases, New Mexico Counties, August 17 - 23, 2020



WHAT ABOUT SMALLER COUNTIES?

- Report generated twice monthly and published online
- 14 day rolling average for both metrics to stabilize results
- Goal to keep schools open – will not use same criteria to close schools
- Focus on rising metric trends in each county: are they school related?



Test Positivity by Average Daily Cases per 100,000 Population by New Mexico County, August 17-23, 2020

WE MUST CONTINUE TO MOVE SLOWLY...

Nothing about the virus has changed!

- **SAFE** reopening can only proceed if New Mexicans pull together to prevent spread
- To get and keep our children back *in* school, *all of us* need to wear masks and stay 6 feet apart



WE ARE SEEING A CONTINUED DOWNWARD TREND. CONTACT TRACING IS WORKING. WE ALL STILL MUST WORK TO 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)

OTHER UPDATES

HAVE A COVID-SAFE LABOR DAY



1

CELEBRATE WITH YOUR HOUSEHOLD

In New Mexico, a gathering of more than 10 people is prohibited. If you must have guests, keep it small and ask if they follow COVID-safe practices.



2

KEEP IT OUTSIDE

Outdoor gatherings are safer than indoor gatherings. Create separate dining spaces. Set out two tables for food: one for your household, one for your guest. Use disposable utensils, plates, and cups if possible.



3

KEEPS HANDS CLEAN

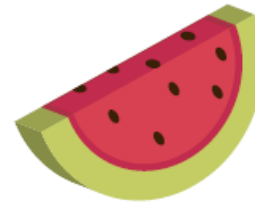
Create a hand-washing station outside (with soap and paper towels), or ensure access to sanitizing wipes or hand sanitizer.



4

PLACE GARBAGE BINS OUTSIDE

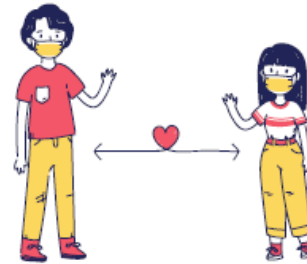
Encourage people to throw away their used cups, plates, and utensils.



5

BRING YOUR OWN FOOD

Guests should bring their own food and drinks. No finger foods! Serving food directly from the grill is ok- the virus is killed by heat.



6

STAY 6-FEET APART

Stay at least 6-feet apart from guests. Having a small number of guests and lower-volume music will help ensure you can participate in conversations.



7

WEAR A MASK

Wearing a mask is one of the most important things you can do to keep yourself and others safe. Feel free to remove it when it's time to eat!

NMCRISIS AND ACCESS LINE: CALL TOLL FREE ANYTIME
24/7/365 1-855-NMCRISIS (662-7474)



NMConnect
Call, Text,
& Access
Mental Health
Resources

Call Crisis Line
(24 Hours)

Text Warmline
(6:00 PM - 11:00 PM)

Call Warmline
(3:30 PM - 11:30 PM)

Community and State Resources

Recovery Tools

COVID-19 Info

GET IT ON
Google Play

Download on the
App Store

**NEW MEXICO
HEALTHCARE WORKER
AND FIRST RESPONDER
SUPPORT
LINE**



855-507-5509

If you are having a life-threatening emergency, call 911 immediately.



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QUESTIONS

INVESTING FOR TOMORROW, DELIVERING TODAY.