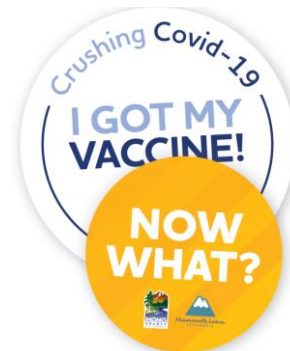




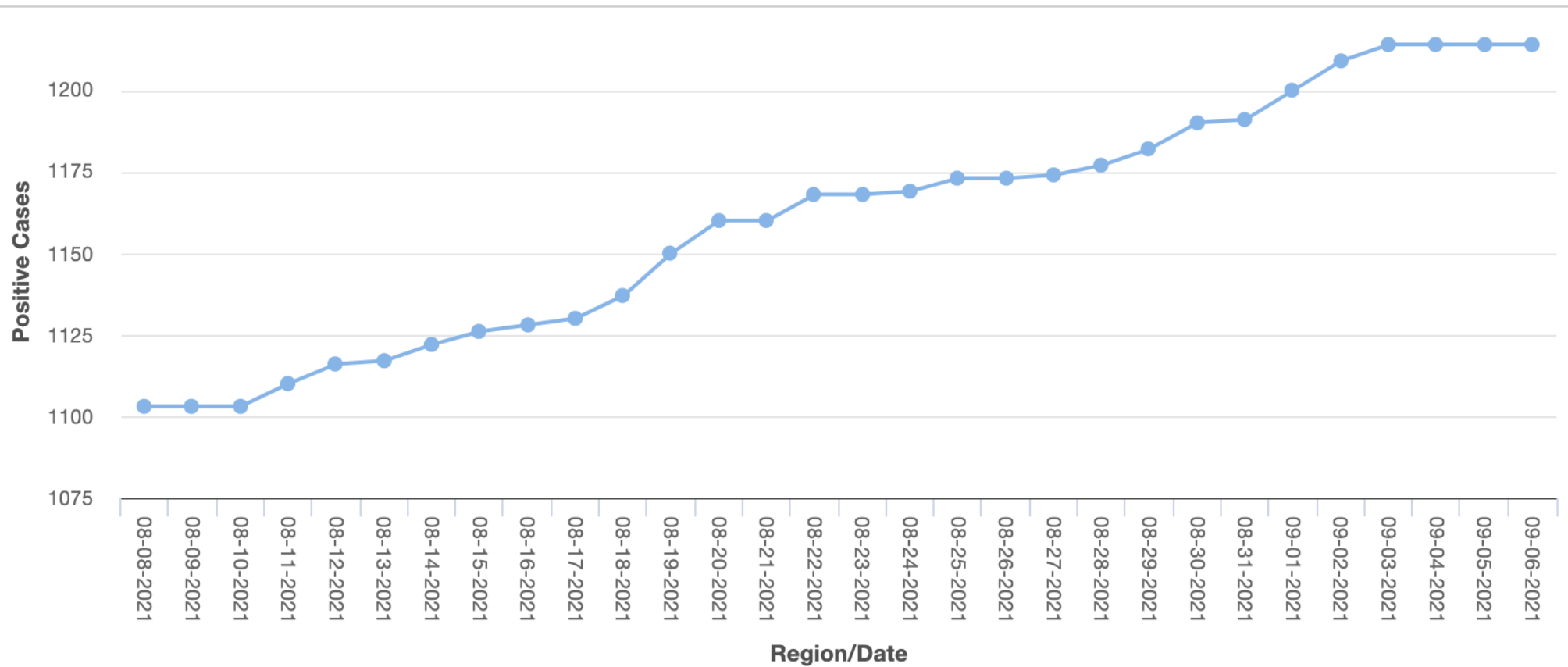
# BOARD OF SUPERVISORS MEETING

## SEPTEMBER 7, 2021





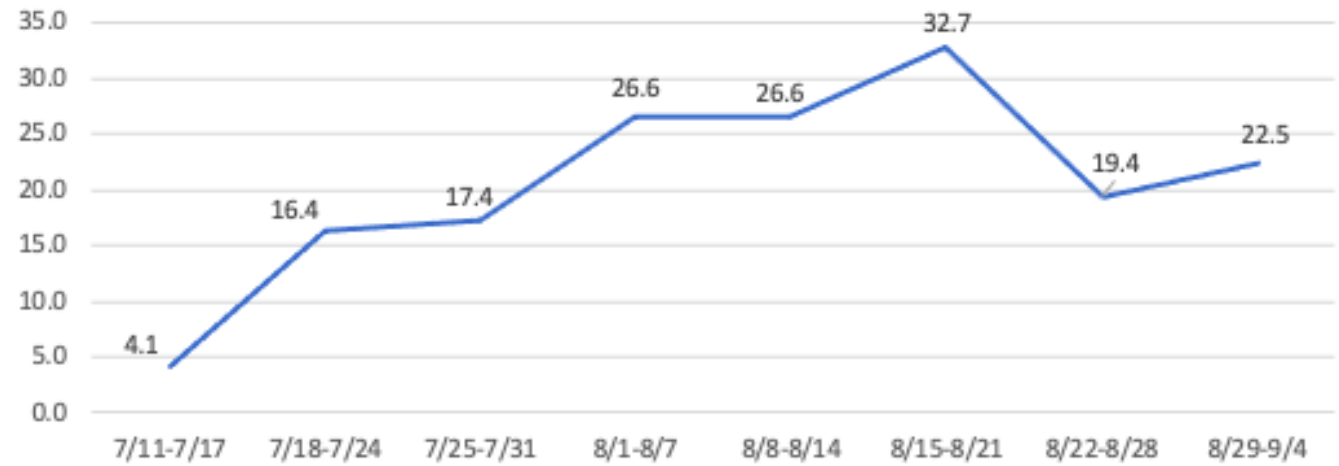
## Total Positive Cases for Mono County Residents (last 30 d...



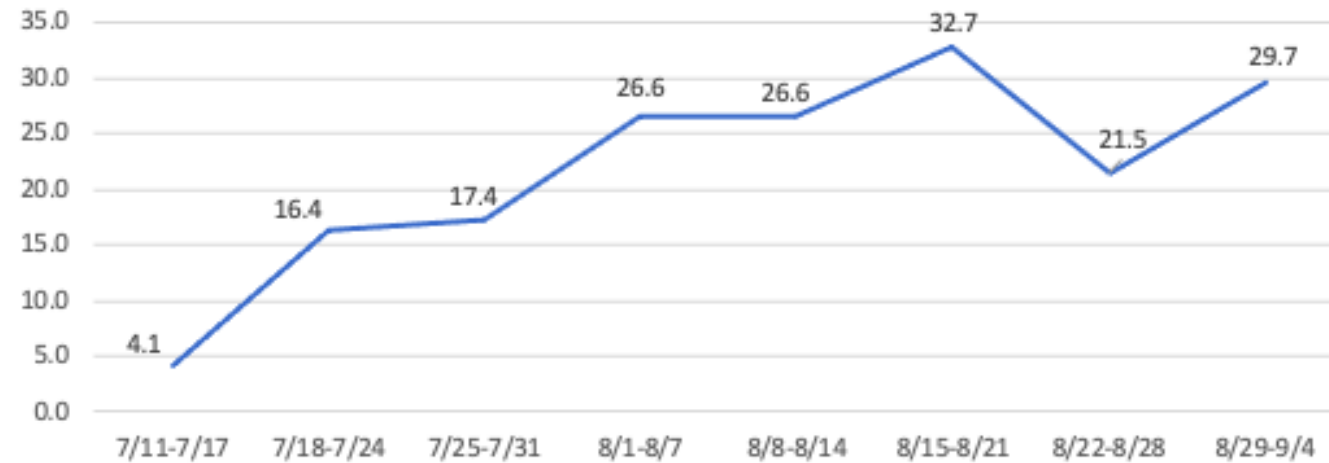
**TOTAL POSITIVE CASES: 1215 (30-DAY INCREASE:10.4%) / CASE RATE/100,000: 22.5**

# RECENT METRICS

Population Adjusted Case Rate per 100,000  
(PCR-confirmed only)



Population Adjusted Case Rate per 100,000  
(PCR-confirmed and Ag+)





# CDC INDICATORS AND THRESHOLDS FOR COMMUNITY TRANSMISSION OF COVID-19 TO GUIDE MASKS FOR PUBLIC INDOOR SETTINGS BASED ON VACCINATION STATUS

Indicator	Low transmission	Moderate transmission	Substantial transmission	High transmission
Daily case rate	< 1.5	1.5–6.9	7–13.9	> 14
Test positivity	< 5.0%	5.0%–7.9%	8.0%–9.9%	≥ 10%
Unvaccinated	Mask Required	Mask Required	Mask Required	Mask Required
Fully vaccinated	Mask Optional	Mask Recommended	Mask Required	Mask Required

\* Statewide / \*\* Vaccine Equity Metric goal of 4 million doses

## **HOSPITAL STATUS**

- No current COVID-19 related hospitalization.
- Experiencing an increase in COVID-19 related ER visits by both visitors and locals.
- Transfer hospitals experiencing extremely limited ICU capacity causing delays or the inability to transfer patients in a timely manor.

## **WILDFIRES AND COVID-19**

- Evacuations have led to increased mobility and potential transmission.
- Evacuations have led to increased exposures due to individuals and families sheltering together.
- Hospitals in evacuation zones have been forced to transfer all patients.
- Evacuations have led to inmate relocations.
- Poor AQI leading individuals to confuse COVID-19 symptoms with the effects of smokey air.

## SCHOOL STATUS

- Mono County schools have been back in session for in-person instruction since 8/19.
- Masking is required by CDPH and Mono County.
- Increasing cases in school aged children is leading to a high rate of quarantine and isolation orders.
- All schools remain open!

## WHY WE NEED TO MASK

- The Delta variant is the dominant strain of COVID-19 and remains a strain of extreme concern.
- COVID-19 vaccines are less effective in preventing infection with an efficacy rate of 64 to 79%. Breakthrough cases remain on the rise both locally and nationally.
- Vaccinated and unvaccinated individuals may have the same viral load and can both transmit the virus to 5 to 8 others.
- The Delta variant is two-fold more transmissible and leads to more severe disease.
- We're experiencing numerous positive COVID-19 cases among both locals and visitors.



# SCHOOL MASKING AND TESTING MODEL

## Methods:

- An extended Susceptible-Infected-Recovered computational was used to create a model to estimate the number of new infections during one semester among a student population under different assumptions about mask usage, routine testing, and levels of incoming protection.

# SCHOOL MASKING AND TESTING MODEL

## Results:

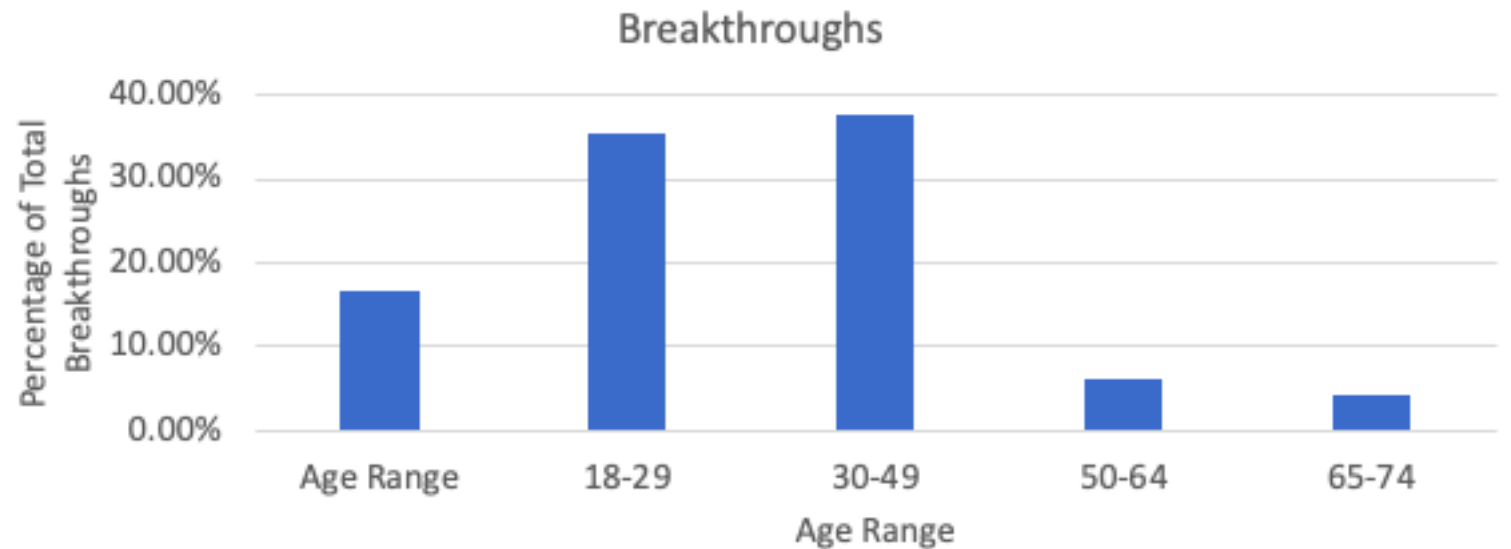
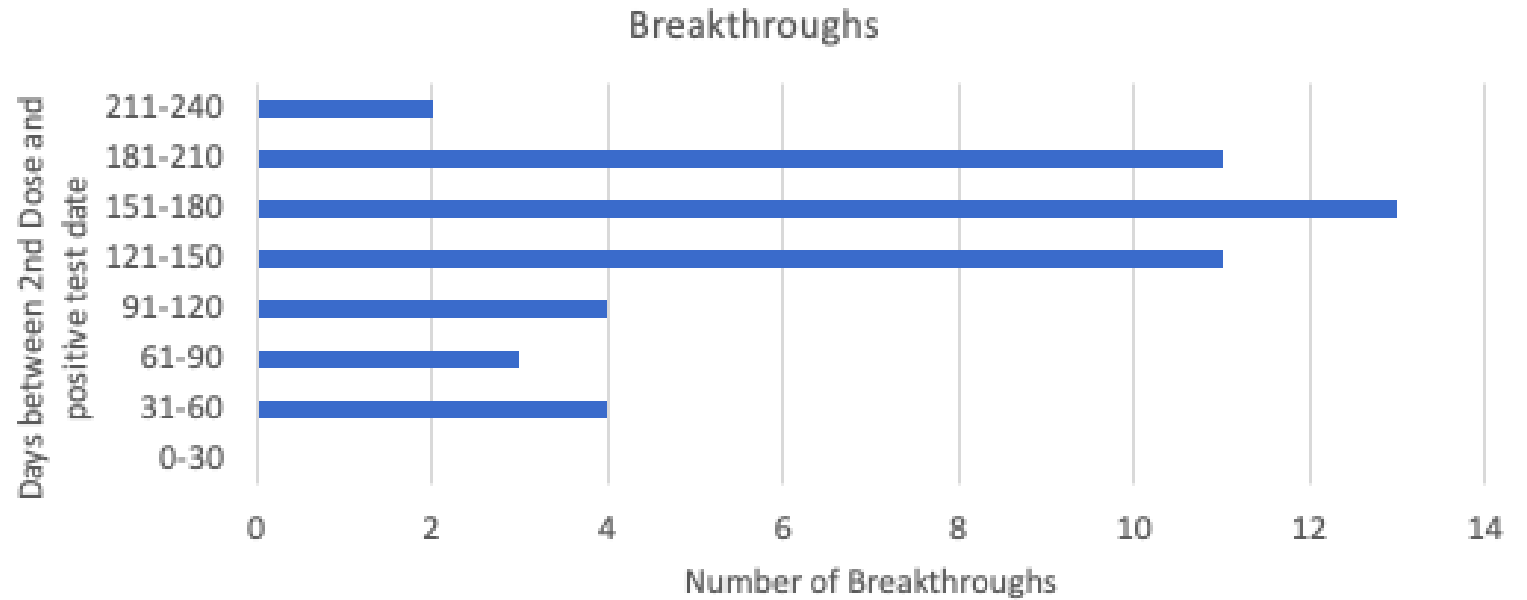
- Without masking and testing, more than 75% of susceptible students become infected within three months in all settings. With masking, this value decreases to 50%. Testing half the masked population further drops infections to 22%.

# SCHOOL MASKING AND TESTING MODEL

## Conclusion:

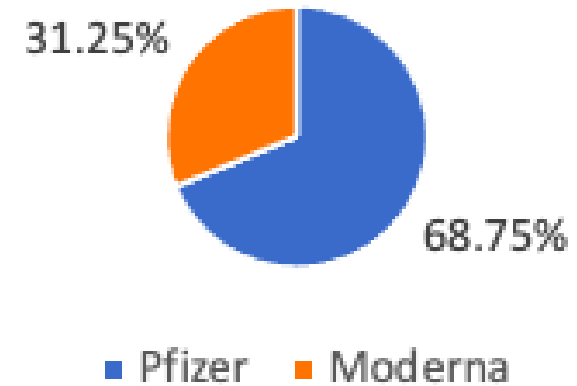
- Without interventions in place, the vast majority of susceptible students will become infected throughout the semester.
- Universal masking and testing can reduce student infections by 26-78%.
- To prevent new infections in the community, limit school absences, and maintain in-person learning, interventions such as masking and testing must be implemented widely, especially among elementary school settings in which children are not yet eligible for the vaccine.

# POST VACCINATION INFECTION DATA FOR MONO COUNTY

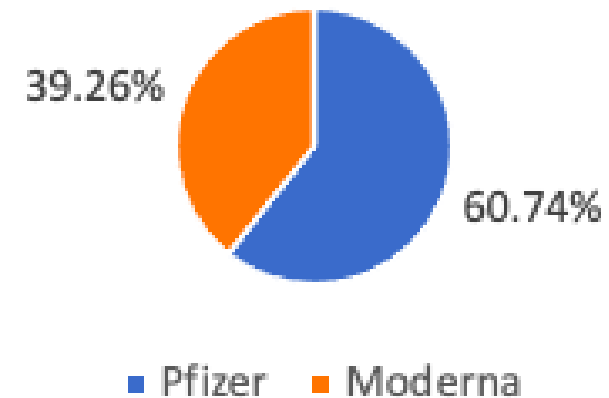


# POST VACCINATION INFECTION DATA FOR MONO COUNTY

Breakthroughs by Brand

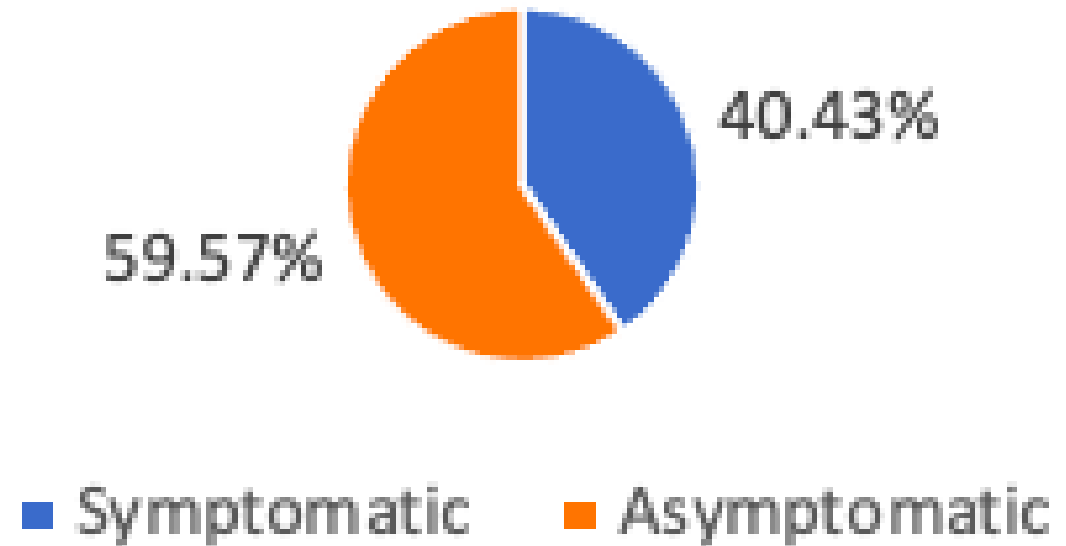


Doses by Brand



**POST  
VACCINATION  
INFECTION  
DATA FOR  
MONO COUNTY**

Symptomatic vs Asymptomatic  
Breakthrough Cases



## LIMITED STATE RESOURCES

- State resources, both human and material, are in short supply.
- Staffing shortages for response teams, testing sites, and contact tracing.
- Limited supplies of some testing materials and N95 masks.

## ADDRESSING MISINFORMATION

- Ivermectin, an antiparasitic agent used to treat parasitic infestations, inhibits the replication of viruses in vitro.
- Equine Ivermectin - People are using Ivermectin, a paste used to **de-worm horses**, in a flawed attempt to treat COVID-19. While it can be safe for human in some forms, people are using equestrian doses, ABC reported. High doses of Ivermectin can cause seizures, trouble breathing, and heart problems.



## **ADDRESSING MISINFORMATION**

- Based on the current very low- to low-certainty evidence, we are uncertain about the efficacy and safety of Ivermectin used to treat or prevent COVID-19.
- The completed studies are small and few are considered high quality. Several studies are underway that may produce clearer answers in review updates.
- Overall, the reliable evidence available does not support the use of Ivermectin for treatment or prevention of COVID-19 outside of well-designed randomized trials.

## BOOSTER SHOTS FOR A SELECT GROUP

- Active treatment for solid tumor and hematologic malignancies.
- Receipt of solid-organ transplant and taking immunosuppressive therapy.
- Receipt of CAR-T-cell or hematopoietic stem cell transplant (within 2 years of transplantation or taking immunosuppression therapy).
- Moderate or severe primary immunodeficiency (e.g., DiGeorge syndrome, Wiskott-Aldrich syndrome).
- Advanced or untreated HIV infection.
- Active treatment with high-dose corticosteroids (i.e.,  $\geq 20$ mg prednisone or equivalent per day), alkylating agents, antimetabolites, transplant-related immunosuppressive drugs, cancer chemotherapeutic agents classified as severely immunosuppressive, tumor-necrosis (TNF) blockers, and other biologic agents that are immunosuppressive or immunomodulatory.

## **BOOSTER CONTROVERSY FOR GENERAL POPULATION**

- The cart before the horse!
- FDA and CDC in conflict with the Biden Administration's September 20 booster announcement.
- Boosters may not be needed at this time.
- Booster concern before increasing the overall vaccination rate.
- Booster concern before adolescent vaccination
- Other countries vaccination rates matters.

## **BOOSTER CONTROVERSY FOR GENERAL POPULATION**

- Countries with low vaccination rates:
  - Thailand – 11%
  - Peru – 24.8%
  - Brazil – 29.1%
  - India – 15%
  - Indonesia – 13.2%
  - Mexico – 26.6%

**2-1-1**

- Due to the current surge, the 2-1-1 Public Health Nurse hotline is temporarily back in place:
  - Monday through Friday 8am – 5pm

# COVID-19 VACCINE SCHEDULE

- ◆ **9/11/21: Mammoth Lakes Clinic 1pm - 4pm:** The Village at Mammoth (6201 Minaret Road)
- ◆ **9/23/21: Bridgeport Clinic 11am - 1pm** – Bridgeport Memorial Hall (73 North School Street)
- ◆ **10/01/21: Mammoth Lakes Clinic 2pm - 4pm** – Mammoth High School (365 Sierra Park Road)
- ◆ **10/21/21: Bridgeport Clinic 11am - 1pm** – Bridgeport Memorial Hall (73 North School Street)
- ◆ **11/05/21: Mammoth Lakes Clinic 2pm - 4pm** – Mammoth High School (365 Sierra Park Road)
- ◆ **11/18/21: Bridgeport Clinic 11am - 1pm** – Bridgeport Memorial Hall (73 North School Street)

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# TESTING SCHEDULE: SEPTEMBER

## MONDAYS

- OptumServe: Bridgeport Memorial Hall (73 N. School Street); 11am - 7pm (PCR)
- Public Health: Mammoth High School (365 Sierra Park Drive); 1:45pm - 3:45pm (PCR and Antigen)

*\*There will be no testing on 9/6 due to the Labor Day holiday*

*\*The OptumServe testing on 9/13 has been rescheduled to 9/16 to accommodate the Gubernatorial Recall Election*

## TUESDAYS

- OptumServe: Mammoth Lakes Community Center (1000 Forest Trail); 11am - 7pm (PCR)
- Public Health: Lee Vining Community Center (296 Mattly Avenue); 10:30am - 11:30am (PCR and Antigen)

## WEDNESDAYS

- OptumServe: Mammoth Lakes Community Center (1000 Forest Trail); 11am - 7pm (PCR)
- Public Health: Walker Community Center (442 Mule Deer Road); 11am - 12:30pm (PCR and Antigen)
- Public Health: June Lake Community Center (90 W. Granite Avenue); 2:30pm - 3:30pm (PCR and Antigen)



# TESTING SCHEDULE: SEPTEMBER

**THURSDAYS:** No Testing

## **FRIDAYS**

- OptumServe: Mammoth Lakes Community Center (1000 Forest Trail); 11am - 7pm (PCR)
- Public Health: Bridgeport Public Health (37 Emigrant Street); 11am - 1pm (Antigen)

## **SATURDAYS**

- OptumServe: Mammoth Lakes Community Center (1000 Forest Trail); 11am - 7pm (PCR)

**SUNDAYS:** No Testing

All testing is open to the public, regardless of insurance. Appointments are preferred, but walk-ins are welcome.