

Reopening From An Epidemiologist's Perspective

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Washoe County COVID-19 Dashboard

Washoe County COVID-19 Impact Dashboard

Total Cases
45,026

Active Cases
1,965

Recovered
42,393

Deaths
668

Washoe County Population = 478,155

Dashboard Updated: 4/20/2021 12:00 AM

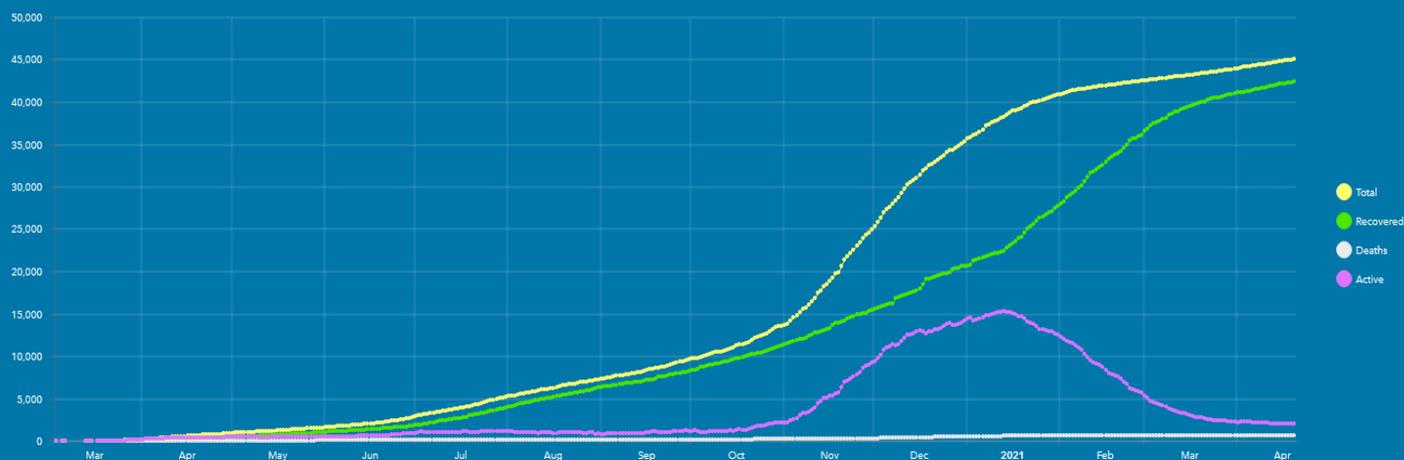
Data is provided by Washoe County Health District and is based on best available information.

Dashboard data applies to residents only.

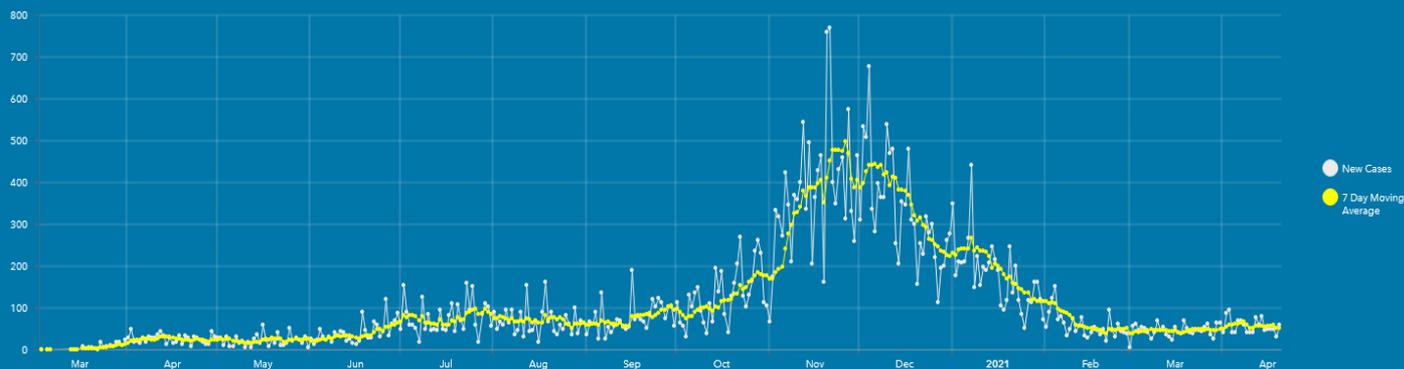
For hospitalization information please click here to visit the NV Hospital Association website.

[CLICK HERE for Washoe County Health District COVID-19 Info Page](#)

Case History



New Cases Daily Trend



WASHOE COUNTY
HEALTH DISTRICT

ENHANCING QUALITY OF LIFE



Public Health

Reinfection and Breakthrough Infection

- **Reinfection:** new positive test result at least 90 days from first positive test, or genetically different if under 90 days
 - Current total: 76
- **Breakthrough Infection:** infection in a fully vaccinated individual at least 14 days from final dose in the vaccine series
 - Current total: 47

Variants of Concern

Name (Pango lineages)	First Detected	Increase in Transmission	Neutralization of vaccine efficacy
B.1.1.7	United Kingdom	High	Minimal
P.1	Brazil	High	Moderate
B.1.351	South Africa	High	Moderate
B.1.427	US-California	Moderate	Moderate
B.1.429	US-California	Moderate	Moderate

Variants of Interest: B.1.525, B.1.526, P2

Vaccination/Herd Immunity

Adult population who initiated vaccine: 46.8 %

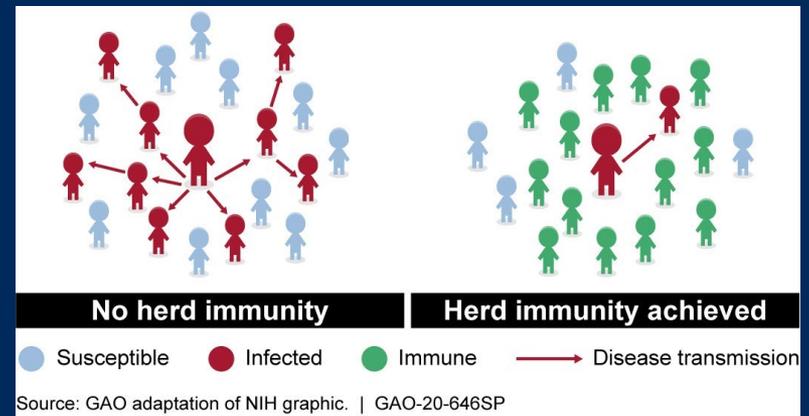
Adult population fully vaccinated : 29.4 %

Current EUA Vaccines:

Pfizer - mRNA

Moderna - mRNA

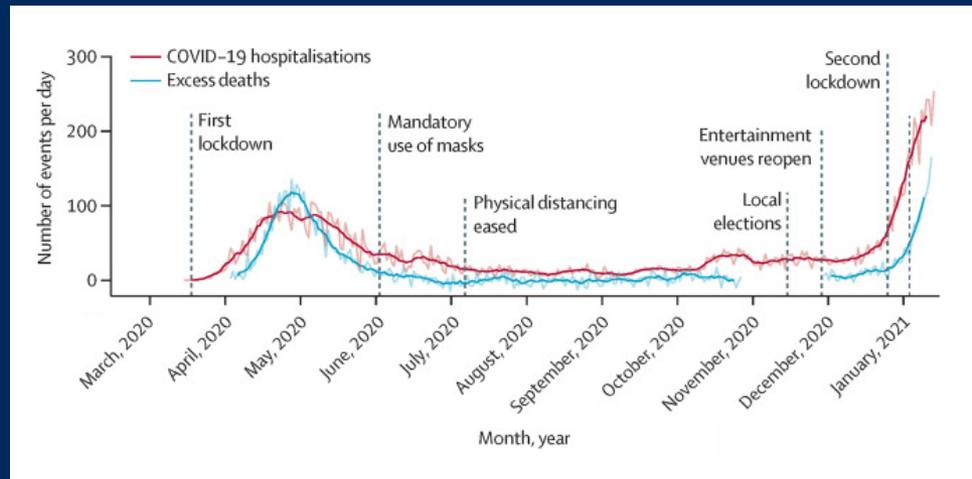
(Janssen - viral vector)



Minimum 70-85%

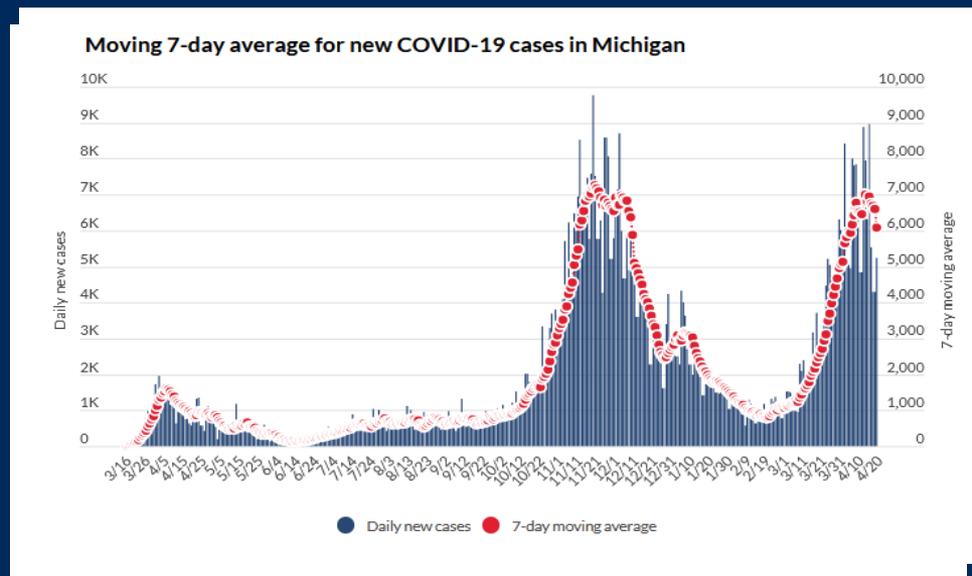
- Need high enough population immunity through enough vaccination

Manaus, Brazil



Source: Sabino et al., Lancet, 2021

Michigan, USA



Source: Michigan Department of Health and Human Services, 2020-21

Metrics Considered for Reopening

1. Knowledge of infection status
 - Indicators to monitor the epidemiological situation
2. Public health capacity
 - Testing, tracing and isolating; data integrity
3. Health system capacity
 - Treatment facilities
 - Medical equipment
 - Health care workforce

Metrics Considered for Reopening

4. Community engagement
 - Safe policies for physical distancing and mask wearing
 - Precautionary measures in schools and workplaces
 - Protecting vulnerable populations
 - Providing socioeconomic support

5. Measures to decrease cross-regional spread

Truckee Meadows COVID Meter

<https://covidriskmeter.org/>

**TRUCKEE MEADOWS
COVID RISK METER**
Mask Up

The COVID Risk Meter uses data trends to estimate the current threat posed by COVID in the region on a daily basis



Get Vaccine Information!

HIGH

What The Weekly Rating Means

Elevated Risk of Community Spread

- Don't meet with more than ten people.
- Consistently wear masks in public and with at-risk people.
- Strongly consider not going to gatherings unless for an important or essential purpose.
- Don't enter stores or restaurants if they look crowded to you.

STAY HEALTHY, STAY INFORMED, STAY SAFE

Daily Cumulative Model Score



4/20/2021

WASHOE COUNTY
HEALTH DISTRICT

ENHANCING QUALITY OF LIFE



Public Health

Truckee Meadows COVID Risk Meter Indicators



Risk Assessments

65.79



Test Positivity

7.2



Daily New Cases (per 100K)

11.06



COVID Medical Interventions

43.43



Hospital Bed Use / Capacity

73.58

Vaccine Efforts to Continue

- Monitoring
- Outreach
- Homebound
- Vaccine efforts are essential to help us contain infection and minimize cross border infections.

Monitoring in Combination with Vaccination

- Increasing vaccination adjustments

60% VACCINATION

IF

- COVID meter remains yellow or green for 2 weeks straight,

AND

- Vaccination reaches 60% for populations 16+

THEN

Social distance shrink to 4 ft for indoors and enclosed spaces, 3 ft for outdoors. With mask wearing

75% VACCINATION

IF

- COVID meter remains yellow or green for 2 weeks straight,

AND

- Vaccination reaches 75% for populations 16+

THEN

Social distancing requirements can return to pre-COVID except for mask wearing requirement

Monitoring in Combination with Vaccination

- Increasing transmission adjustments

RED METER

IF

1. COVID meter reaches orange

THEN

Public and business community will be warned of possible changes if the meter turns red.

IF

2. COVID meter reaches red

THEN

Thursday night at 11:59pm of the week the meter reaches red, community will be required to draw back on opening capacity

NEW CASE COUNT THRESHOLD

IF

1. New case rates per 100,000 reaches 625 over a 30-day period

THEN

Additional restrictions will be placed on businesses.

Initial target will be high transmission places – restaurants, bars, casino, gyms, and large gatherings/events.

Epidemiology Program – Surge Prevention & Preparation

- REDCap
 - CDC platform for capturing case and contact information
 - Can be automated
- Currently 44 disease investigators
 - 24 - 26 investigators per day with capacity to investigate about 100 cases per day
- COVID Trace phone app

Epidemiology Program – Surge Prevention & Preparation

- Internal monitoring measures
- Genetics monitoring- encourage testing through POST
- Contacting international travelers
- Data integrity
 - efforts to increase data completeness

QUESTIONS?

