



COVID-19 Surveillance Summary

Carson City

June 19 – July 2, 2022

Contact Tracing and Disease Investigation Update

Beginning on August 8, 2021, Carson City Health and Human Services COVID-19 Disease Investigation Team began prioritizing pediatric and school staff associated cases to assist schools in their role in providing safe environment for students and staff. From June 19 – July 2, 2022, the Carson City Health and Human Services COVID-19 Disease Investigation Team was able to attempt contact with 100% of all cases in the two-week period and successfully contacted 37%. The Investigation Team continues to utilize the more expanded investigation to collect information such as symptomology, medical history, and refocused exposure questions. As always, the information reported here is based on preliminary laboratory findings and completed survey investigations and does not necessarily represent all cases during this two-week period.

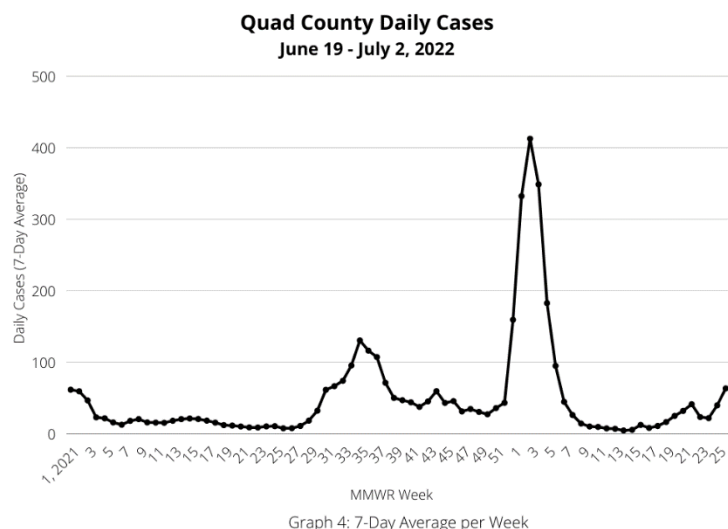
CCHHS continues to partner with the Nevada Resilience Project, who reaches out to cases, close contacts, and other members of the community impacted by COVID-19 that were identified as having challenges associated with the pandemic including, but not limited to, managing work or school, social isolation, mental health, and resource navigation. During this two-week period, the Resilience Ambassadors identified 15 individuals that could benefit from their services and have done several community events.

Quad-County Area Demographics

Across the Quad-County area (Carson City, Douglas, Lyon, and Storey Counties), there were 720 new COVID-19 cases in the two-week period from June 19- July 2, 2022. This is a 13% decrease from the previously reported two-week period. The daily cases reported, based on a seven-day average, over this two-week period was 102 (Graph 1). This indicates that, on average, there have been 102 new cases each day throughout the Quad-County area.

Oftentimes, lab reports are received with incomplete data and our survey data is on a delay. As such, the following demographic data has a significant percentage of unknown or missing information.

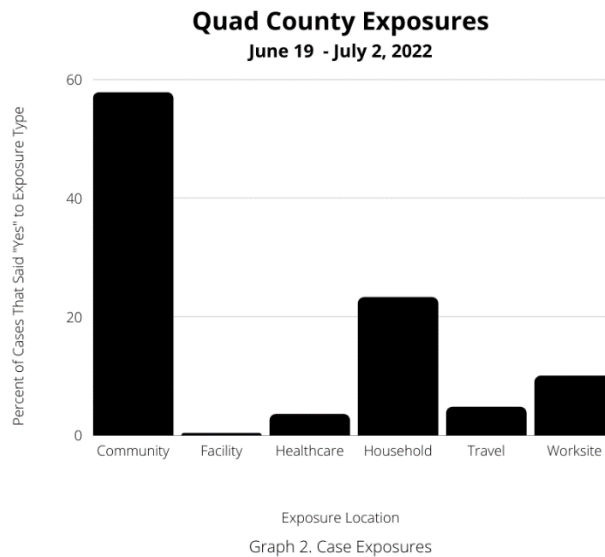
The average age across all counties was 50 years old with a range of less than one years old to 96 years old. Of the cases that reported their gender, 56% of cases were female, 43% were male. Of the cases that reported their race, 84% were reported as White, 6% of cases reported as other, 3% reported American Indian or Alaskan Native, 1% reported as Native Hawaiian or Pacific Islander, 2% reported Black or African American, 2% reported Asian, and 1% preferred not to answer. Of those who reported their ethnicity,



85% reported as Non-Hispanic or Latino/a, 14% reported as Hispanic or Latino/a, and 2% is unknown. There were 11 known hospitalizations across all counties during this two-week period. This is a 175% increase from the previous two-week period. According to the Nevada Hospital Association report on June 29, 2022, hospitalizations are stagnant in Northern Nevada. There was one COVID-19 related deaths across the four counties. Morbidity data is often delayed, so this number only represents the data that has been made available for this two-week period.

Quad-County Area Exposure

Among cases with complete information, the most common, known COVID-19 exposures were community, household, and worksite (Graph 2). Cases can have more than one exposure. The information on the graph and below indicates the percentage of cases that said “yes” to each question, independently. The most common sources of exposures were community-related and household-related. For community exposures, events can include family gatherings, weddings, funerals, birthday parties, political events, or any other similar activity. Community exposure, as defined by the state, also refers to individuals that did not know where they were exposed.



COVID-19 Variants of Concern

The Nevada State Public Health Laboratory (NSPHL) conducts genome sequencing from a sample of confirmed COVID-19 cases as part of disease surveillance which helps identify new and emerging variants. The emergence of new variants is a natural occurrence in infectious diseases. According to the CDC, there are currently two COVID-19 variants of concern across the United States. Knowledge of emerging SARS-CoV-2 variants is quickly evolving, however there is evidence indicating that these variants are more transmissible. According to the Nevada State Public Health Lab, approximately one hundred percent of all the samples sequences in Nevada are Omicron (B.1.1.529). The World Health Organization declared the Omicron (B.1.1.529) a variant of concern on November 26, 2021. Additionally, sequencing is conducted using only samples submitted to the NSPHL, which may not always include commercial laboratory samples and does not include Abbott BinaxNOW tests or other rapid antigen tests.

Quad-County Vaccinations

According to the Nevada State COVID-19 Dashboard, approximately 56% of Quad County residents are fully vaccinated as of July 1, 2022. Carson City Health and Human Services continues to work with community stakeholders on vaccination outreach to increase vaccination rates among the community.

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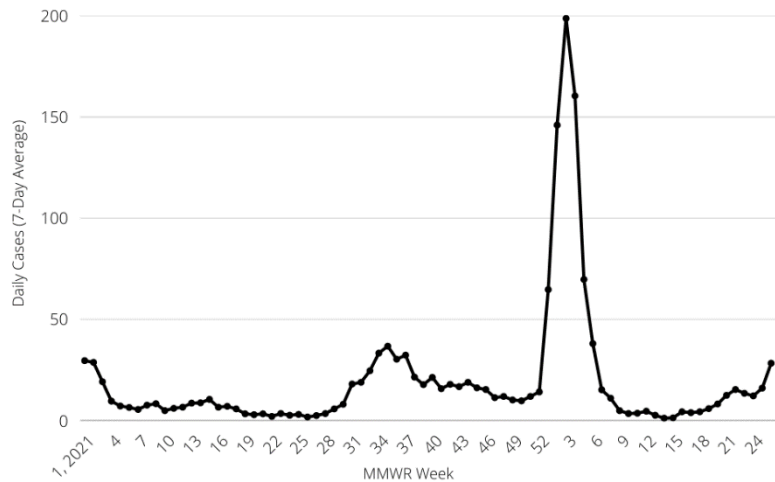
From June 19 – July 2, 2022, there were 310 confirmed cases reported in Carson City. This represents approximately 43% of all Quad-County cases during this two-week period and is a 2% decrease from the previous two-week period. The zip codes in Carson City that reported the highest number of cases during this two-week period was zip code 89701 (Table 1).

Zip Codes	Cases Reported
89701	149
89702	3
89703	54
89706	100
89721	2

Table 1. Carson City Cases by Zip Code

The daily cases reported, based on a seven-day average, over this two-week period was 44. This indicates that, on average, there has been 44 new cases each day throughout Carson City. Carson City is seeing a decrease in the average number of cases reported each week (Graph 4). Sixty-one percent of cases were female and 38% were male. The average age of Carson City cases was 50 years old.

Carson City Daily Cases
June 19 - July 2, 2022



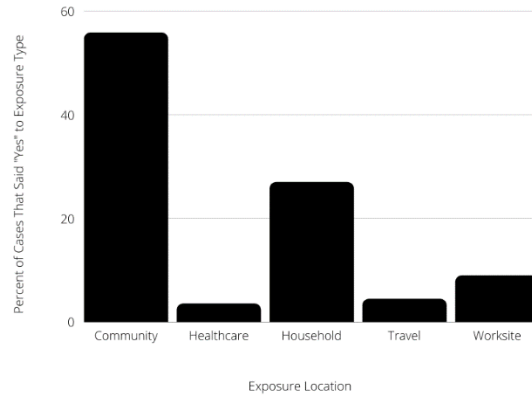
Graph 4: 7-Day Average per Week

Carson City Exposure

Of those with known exposures, most Carson City residents had a community and household related exposure. The graph shows more information on Carson City exposures (Graph 5). Just as above, exposure questions are independent, meaning an individual can answer “yes” to more than one exposure type.

CCHHS’s COVID-19 team is working closely with the state and the facilities to track the transmission and ensure mitigation efforts are in place. Transmission trends are challenging to track or predict.

Carson City Exposures
June 19 - July 2, 2022



Graph 2. Case Exposures

Carson City Vaccinations

According to the Nevada State COVID-19 Dashboard, approximately 62% of Carson City residents are fully vaccinated as of July 1, 2022. Carson City Health and Human Services continues to work with community stakeholders on vaccination outreach to increase vaccination rates among the community.