



COVID-19 Surveillance Summary

Carson City

November 22 – December 5, 2020

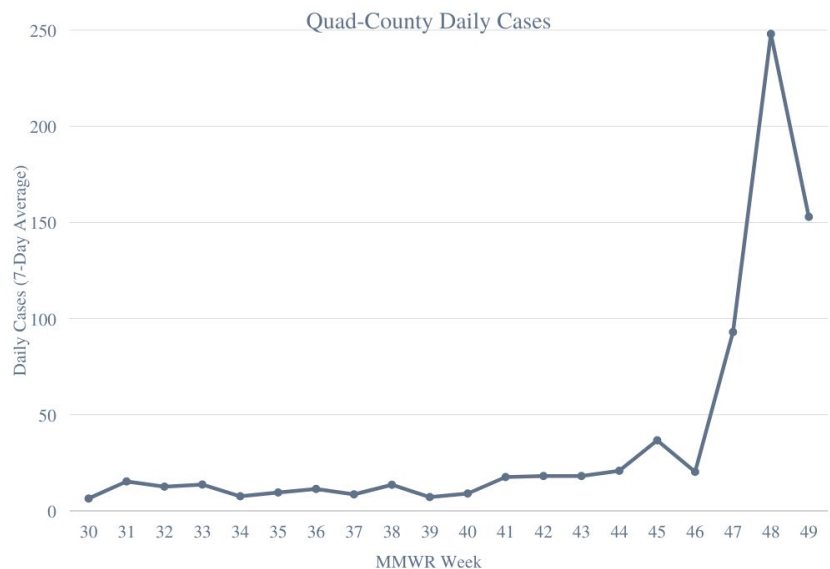
Contact Tracing and Disease Investigation Update

Due to an exponential increase in laboratory-confirmed positive COVID-19 cases, Carson City Health and Human Services changed their case-reporting process on November 24, 2020. Previously, cases were not reported until an investigation was completed. The new process allows CCHHS to report all positive labs received as an active case. These individuals are then notified of their test result, told to remain home and isolate, and informed that a disease investigator will be following up with them. Disease investigators are working tirelessly to contact the reported cases to collect updated information on demographics, employment, school, close contacts, and exposure data. Due to this new process, much of the data that was previously available at the time of report has not yet been collected. Therefore, the information provided below is not representative of all the cases reported in from this two-week period. However, the investigation team is focusing all efforts on priority cases including those related to outbreaks, students, first responders, facilities, and those most vulnerable per CDC and Nevada State guidance.

Quad-County Area Demographics

Across the Quad-County area (Carson City, Douglas, Lyon, and Storey Counties), there were 2,806 new COVID-19 cases in the two-week period from November 22 - December 5, 2020, an eighteen percent increase from the previous two-week period (November 15 – 28, 2020). The daily cases reported, based on a seven-day average, over this two-week period was two hundred. This indicates that, on average, there have been two-hundred new cases each day throughout the Quad-County area.

Data is missing for approximately 1,395 cases, therefore the statistics presented here only account for fifty percent of reported cases. The average age across all counties was forty-three years old with a range of less than a year old to one-hundred and six years old. Fifty-two percent of cases were female, and forty-eight percent male. Of the cases that reported their race, seventy-nine percent were reported as White, seventeen percent cases were reported as other, two percent were reported as American Indian, one percent were reported as Asian, and one percent were reported as Native Hawaiian or



Pacific Islander. Seventy-five percent of cases were reported as Non-Hispanic or Latino/a, and twenty-five percent were reported as Hispanic or Latino. According to the Nevada Hospital Association, thirty-four percent of staffed hospital beds in the Quad-County are currently occupied due to confirmed COVID-19 cases. There were sixteen deaths across the four counties during this two-week period, the highest frequency since the beginning of the COVID-19 epidemic.

Quad-County Area Exposure

Following state approval, our investigation process now collects data more efficiently. We reduced the number of exposure questions and, instead, prioritize information based on clusters and outbreaks. There was a large outbreak at a long-term care facility that resulted in a number of hospitalizations. Of cases with complete information, the most common, known COVID-19 exposures were community, healthcare, and household. Of known exposures, approximately thirty-six percent were due to community exposure which is defined as any event or activity with individuals outside of the household. This can be family gatherings, weddings, funerals, birthday parties, political events, or any other similar activity. Nineteen percent were related to healthcare exposure, which can include long-term care facilities, doctor's offices, and hospitals. Seventeen percent were household cases. Student cases continue to increase across all counties. There were sixty student-case investigations completed from November 22 – December 5, 2020.

Carson City Surveillance Summary

From November 22 – December 5, 2020 there were 1,295 confirmed cases reported in Carson City. This represents forty-six percent of all Quad-County cases during this two-week period. The daily cases reported, based on a seven-day average, over this two-week period was ninety-two. This indicates that, on average, there have been ninety-two new cases each day throughout Carson City. Of those cases whose information was complete, thirty-one percent reported their exposure was healthcare related. This includes long-term care facilities, doctor's offices, and hospitals. Twenty-three percent reported their exposure was community related. Some examples of community exposures that were provided were family gatherings, going out with friends, and club sports teams. Twenty percent were reported as household exposures, and eleven percent were reported as prison-related exposures. Work was another location that cases mentioned as the source of their exposure. Transmission trends are challenging to track or predict given the current upswing in cases and missing data. Due to this, Carson City Health and Human Services continues to promote messages regarding safe practices, social-distancing, and testing.