Quad-County Area Demographics

Across the Quad-County area (Carson City, Douglas, Lyon, and Storey Counties), there were 147 new COVID-19 cases in the two-week period from August 23 to September 5, 2020, a twenty-seven case increase from the previous two-week period. The average age across all counties was thirty-nine years old with a range of less than a year old to eighty-five years old. There were three infant cases across the four counties. There were slightly more female cases (79) than male cases (67) during this period. Fifty-eight percent of cases reported their race as “white,” thirty-one percent reported as “other,” and six percent did not report. The remaining cases were American Indian or Alaskan Native (3%), Asian (1%), Black (1%), or Native Hawaiian or Other Pacific Islander (1%). Fifty-seven percent of cases reported their ethnicity as Non-Hispanic or Latino, thirty-seven percent reported Hispanic or Latino, and five percent were unknown. There were no deaths across all counties during this two-week period. The largest percentages of cases were in Carson City (32%), Fernley (17%), Dayton (15%), and Yerington (11%). Four cases reported being hospitalized during their initial case interview (3%). Four cases reported tribal affiliation (3%).

Quad-County Area Schools

Schools have started for all of the Quad-County area school districts. Disease investigators at Carson City Health and Human Services continue to update their protocols to accommodate the needs of teachers, school employees, students, and parents. There were fourteen students across the four counties from August 23 to September 5, 2020 that tested positive for COVID-19. Fifty percent of the students reported attending school while symptomatic. It is also important to note that many of the in-person cases occurred during the first week(s) of school and were likely due to outside exposures.

Quad-County Area Exposures

The exposure period is defined as fourteen days before the onset of symptoms or testing positive for COVID-19. Each exposure question is independent, meaning an individual can say yes to all or none of the documented exposures. Across all counties, the most prevalent exposures were contact with a confirmed COVID-19 case (47%), going to a grocery or retail store (40%), eating at a restaurant or bar (18%), and travel to another state (13%). Other exposures can be seen in the graph below. Sixty-four percent of cases throughout the quad-county area stated they are employed or were employed within the last month. Of those who were employed, fifty-six percent said they went to work while symptomatic.
Douglas County Demographics

From August 31 through September 12, 2020, there were twenty-four new Covid-19 confirmed cases in Douglas County. This is a fourteen percent decrease from the previous two-week period (August 16-29, 2020). Gender distribution was slightly varied with twenty females and fourteen males. Sixty-two percent of cases identified their race as “white,” twelve percent as “other”, twelve percent were “unknown,” and the remaining were American Indian or Alaskan Native, Asian, or Native Hawaiian or Pacific Islander (6%, 6%, and 3%, respectively). Seventy-six percent reported their ethnicity as Non-Hispanic or Latino, twelve percent reported as Hispanic or Latino, and twelve percent were unknown. There was one hospitalization over the two-week period.

Douglas County Exposures

Exposure data is independent, meaning a case can have no exposures or multiple exposures. Each question we ask in regard to the exposure is completely independent. The percentages indicate the number of people that said “yes” when asked questions about that specific exposure. The most common exposures among Douglas County cases from August 31 – September 12, 2020 were out of state travel (26%), attending or working at a school (28%), eating at a restaurant or bar (24%), going to a grocery or retail store (32%), and contact with a known Covid-19 case (47%)

1 Forty-seven percent of cases said “Yes” when asked if they had contact with a known Covid-19 case.
a noted rise in the percentage of casino attendance (12%), visitation at a skilled nursing facility (12%), and community events or public gatherings (9%). This high level of exposure may lead to an increase in cases over the next fourteen-day period. Fifty-six percent of Douglas County residents reported being employed or employed within the previous month. Of those who were employed, fifty-five percent stated they went to work while symptomatic, a dramatic increase from the previous two-week period. Twelve percent of cases are currently enrolled students, though some attend virtual or distance learning classes. There were five cases during this period that work with or in the Douglas County School System.

Graph 2: Douglas County Exposures from August 23 – September 5, 2020