



COVID-19 Surveillance Summary

Lyon County

October 25 – November 7, 2020

Quad-County Area Demographics

Across the Quad-County area (Carson City, Douglas, Lyon, and Storey Counties), there were 403 new COVID-19 cases in the two-week period from October 25 – November 7, 2020, a forty-eight percent increase from the previous two-week period (October 18 – 31, 2020). The average age across all counties was forty years old with a range of less than a year old to one-hundred years old. One hundred and sixty-five cases were female (41%) and two hundred and thirty-eight (59%). Forty-nine percent of cases identified their race as White, twenty-seven percent were Unknown, twenty percent identified as “Other,” two percent identified as American Indian or Alaskan Native, one percent identified as Asian, less than one percent identified as Native Hawaiian or Other Pacific Islander, and less than one percent identified as Black or African American. Forty-one percent of cases identified their ethnicity as Non-Hispanic or Latino/a, thirty-two percent identified Hispanic or Latino/a, and twenty-seven percent were unknown. There were five deaths across all counties during this two-week period. During the initial investigation, ten cases had been or were currently hospitalized. The largest percentages of cases by community were in Carson City (69%), Dayton (8%), Fernley (7%), Gardnerville (6%), and Minden (6%) (Table 1). Eleven cases reported tribal affiliation (4%).

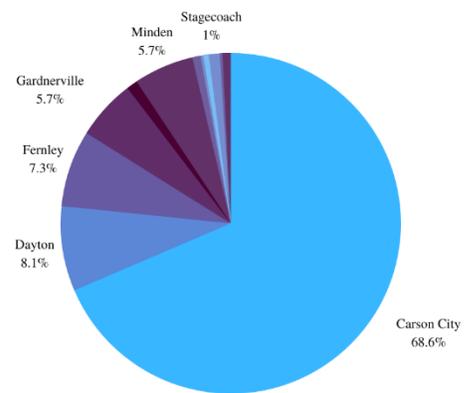


TABLE 1: COVID-19 CASES BY CITY

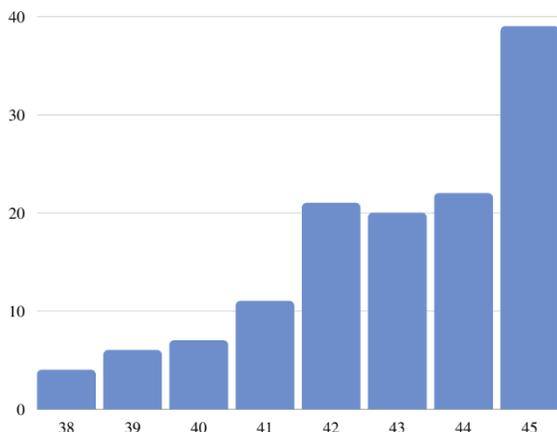


TABLE 2: COVID-19 POSITIVE STUDENTS BY MMWR WEEK

Quad-County Area Schools

Quad-County Area Schools have continued an upward trend in COVID-19 cases over the past two weeks (Table 2). There were sixty-one students across the four counties from October 25 – November 7, 2020 that tested positive for COVID-19. This is a forty-five percent increase from the previous two-week period. Seventy-five percent of those students attend in-person classes at least part time. We continue to partner with the schools to exclude these students from school as well as collect accurate information about their close contacts and

dates of attendance. All students and staff that attended school while infectious (two days prior to the

onset of symptoms or a positive test) are reported to the Nevada State Department of Health and Human Services in order to monitor school cases and track the spread of disease.

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 (24%), work in the healthcare field (15%), and eating at a restaurant or bar (14%). All exposures can be seen in the graph below (Table 3).

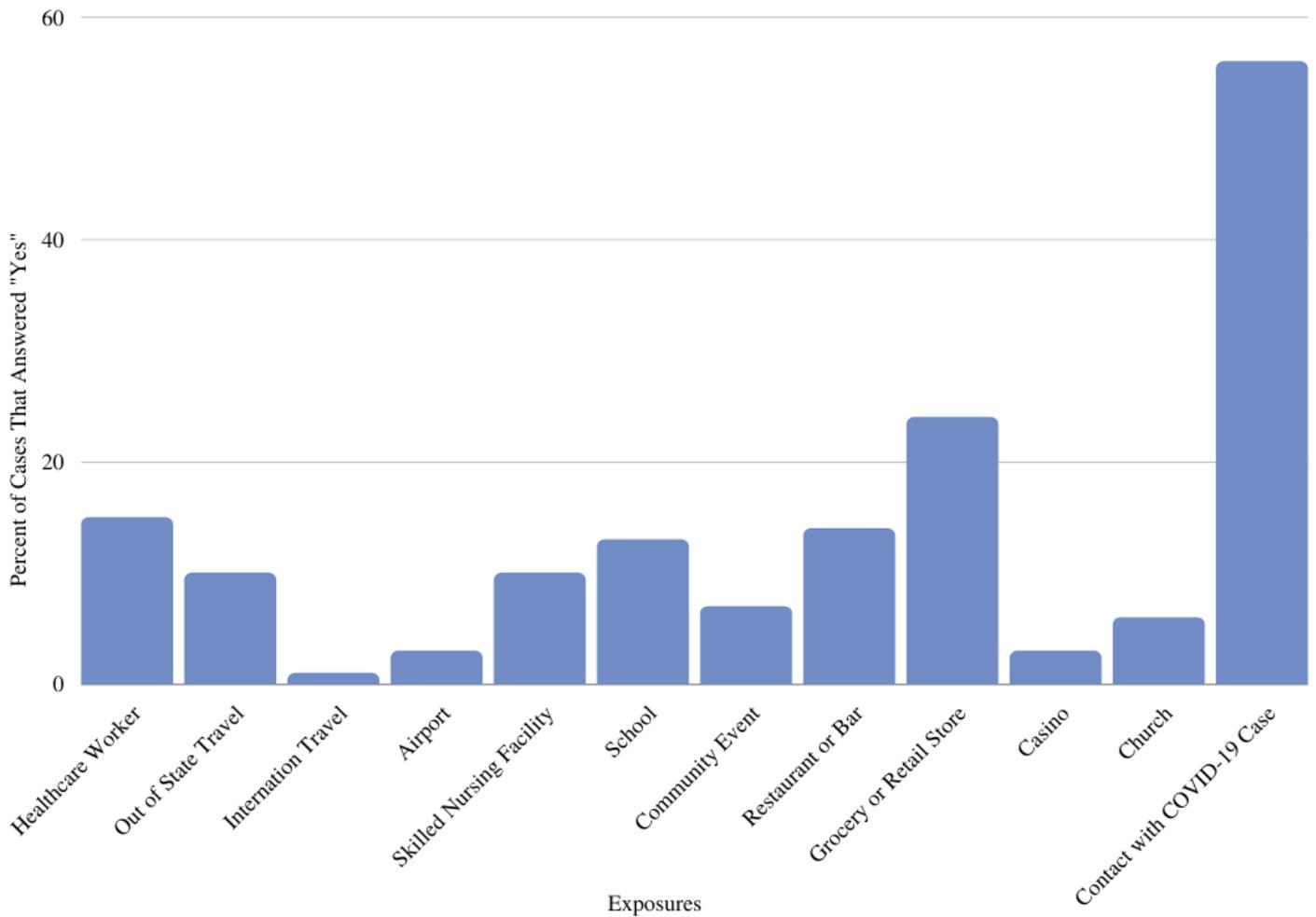


TABLE 3: QUAD-COUNTY AREA EXPOSURES FOR OCTOBER 25 - NOVEMBER 7, 2020

Forty-five 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-five percent said they went to work while symptomatic.

Lyon County Demographics

From October 25 – November 7, 2020, there were eighty-three new COVID-19 confirmed cases in Lyon County. This is a five percent increase from the previous two-week period (October 18 – 31, 2020). The average age of Lyon County residents was forty years old. Gender distribution was slightly varied with forty-eight females and thirty-five males. Fifty-three percent of cases identified their race as White, twenty-nine percent identified as Other, eight percent were unknown, six percent identified as American Indian or Alaskan Native, two percent identified as Native Hawaiian or Other Pacific Islander, one percent identified as Black or African American, and one percent identified as Asian. Fifty-seven percent of cases identified their ethnicity as non-Hispanic or Latino/a, thirty-nine percent identified as Hispanic or Latino/a, and four percent were unknown. Seven percent of cases had a tribal affiliation. Thirty-seven percent of cases reside in Dayton, thirty-three percent reside in Fernley, eighteen percent reside in Yerington, and the remainder reside in Mound House, Silver Springs, and Stagecoach. There were four hospitalizations over the two-week period.

Lyon 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 Lyon County cases from October 25 – November 7, 2020 were contact with a known COVID-19 case (63%)¹, going to a grocery or retail store (38%), eating at a restaurant or bar (27%), and attending school² (14%) (Table 4). Sixty-one percent of Lyon County residents reported being employed or employed within the previous month. Of those who were employed, fifty-two percent stated they went to work while symptomatic. Eighteen cases are currently enrolled students.

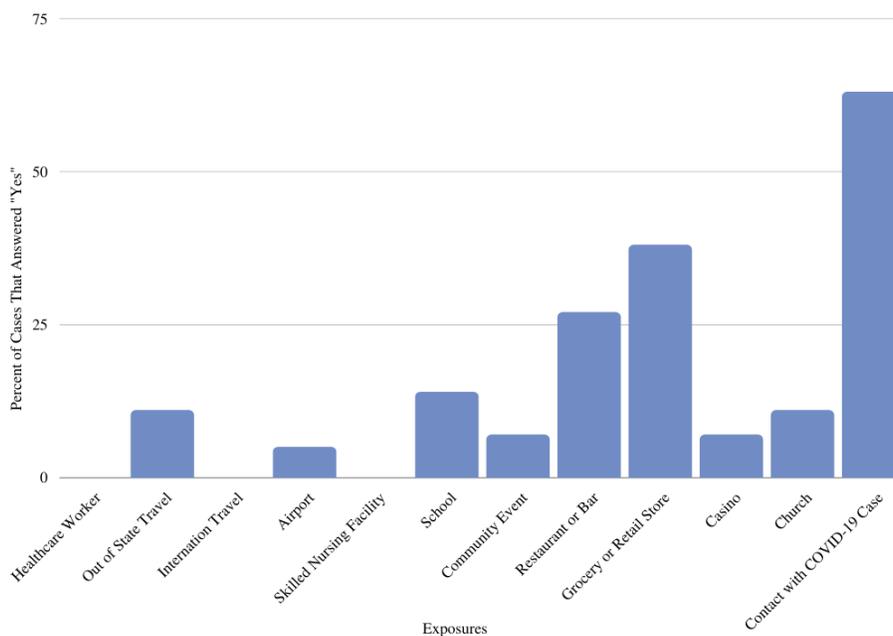


TABLE 4: LYON COUNTY EXPOSURES FOR OCTOBER 25 - NOVEMBER 7, 2020

¹ Sixty-three percent of cases said “Yes” when asked if they had contact with a known COVID-19 case.

² Attending school can be as either a student or an employee