Data Summary

This data dashboard provides an interactive display of COVID-19 data in the health district, which includes Logan, Morgan, Phillips, Sedgwick, Washington, and Yuma counties. Data is updated daily, Monday-Friday around 10am and includes cases reported through the previous day. Due to differences in reporting times, numbers may be different from the Colorado Department of Public Health and Environment's (CDPHE) data dashboards.

Case data is pulled from CDPHE's Colorado Electronic Disease Reporting System (CEDRS) and testing data is pulled from CDPHE's Disease Control and Public Health Response Portal.

Please direct all COVID-19 related data questions to reinad@nchd.org or priyankac@nchd.org.

14-day rolling average: The average number of COVID-19 cases, hospitalizations, and deaths reported over 14 days. The 14-day rolling average provides a more accurate representation of data over time by smoothing out artificial peaks and valleys in daily counts that may be caused by reporting delays or other processes.

Active cases: Estimate of the number of active COVID-19 cases based on typical recovery rates. 81% of cases recover after experiencing mild symptoms in 10 to 14 days. 14% of cases are severe and last 15 to 30 days. 5% of cases are critical and last 31-56 days. Active cases are calculated by taking 100% of new cases in the past 14 days, adding 19% from the past 15-25 days, adding 5% from the past 26-49 days, and subtracting deaths. *(Source: Centers for Disease Control and Prevention. June 30, 2020 Interim Clinical Guidance for Management of Patients with Confirmed Coronavirus Disease (COVID-19). Accessed online.)*

Cases: Confirmed and probable COVID-19 cases. Cities with less than five cases have been suppressed.

Cases per 100k: The number of new COVID-19 cases, hospitalizations, or deaths reported over a period of time per 100,000 residents. Cases per 100k provides a standardized number that can be used to compare cases among different populations. Since our county populations have less than 100,000 residents, the rates will always be inflated to allow comparison to larger populations.

Cumulative cases: Total cases since first onset.

Deaths: Deaths among COVID-19 cases.

Exclude incarcerated: This option filters out any positive COVID-19 cases who were identified as living in a state prison or jail when the case was reported. This option also filters out any COVID-19 PCR tests that were performed at these facilities. A limitation is that the tests performed on staff at these facilities are also filtered out.

Hospitalizations: Hospitalizations among COVID-19 cases. When hospital admittance date is not available for a hospitalized case, the reported date of the case is used instead. Bar charts include admit date and reported date.

Incidence per 100k: The number of new COVID-19 cases reported during the selected timeframe per 100,000 residents. Cases per 100k provides a standardized number that can be used to compare cases among different populations. Since our county populations have less than 100,000 residents, the rates will always be inflated to allow comparison to larger populations.

Population: Population data is from the Department of Local Affairs (DOLA) 2019. According to the US Census, incarcerated individuals are counted as residents of the county where they are currently incarcerated.

Positivity rate: Total confirmed COVID-19 cases in the timeframe divided by the total PCR tests performed in the timeframe.

Testing: PCR tests (nasal swab) identify current COVID-19 infections. Serology tests (blood) identify past exposure to COVID-19. This dashboard only includes PCR testing data.

Tests per 100k: Colorado's Protect our Neighbors guideline requires sufficient _capacity_ to test 15 people per 100,000 residents per day, the equivalent of 2,100 people per 100,000 per 14 days. This number is used as a benchmark to assess testing numbers.