

New Mexico COVID-19 Cases Update

HEALTH AND SOCIAL CHARACTERISTICS

October 4th, 2021

Unless stated otherwise, all data reported here exclude cases who are from out-of-state and cases who are detainees in Federal Immigration and Customs Enforcement (ICE) facilities.

Total Cases	Cases in the Last 7 Days
255,577 ¹	4,737

SECTION 1: Vaccination Status

Rates per 100,000 population of cases, hospitalizations, and deaths among vaccinated and unvaccinated individuals

Table 1. Total number of cases, hospitalizations and deaths among vaccinated and not fully vaccinated individuals, and the rate of cases, hospitalizations, and deaths per 100,000, by vaccination status. Data includes cases, hospitalization and deaths that occurred between February 1st, 2021 and the current week.

	Vaccinated Totals	Not Fully Vaccinated Totals	Vaccinated Rates*	Not Fully Vaccinated Rates**	Rate Ratios***	Percent (%) Vaccinated	Percent (%) Not Fully Vaccinated
Cases	12529	67931	1241.5	5928.8	4.8	15.6	84.4
Hospitalizations²	513	4684	55.8	400.5	7.2	9.9	90.1
Deaths³	60	864	6.3	67.7	10.7	6.5	93.5

* $sum\left(\frac{\text{Number with COVID - 19 among those fully vaccinated each day}}{\text{Number of NM residents fully vaccinated each day}} \times 100,000\right)$

** $sum\left(\frac{\text{Number with COVID - 19 among those not fully vaccinated each day}}{\text{Number of NM residents not fully vaccinated each day}} \times 100,000\right)$

*** Comparison of the rate among not fully vaccinated to the rate among those fully vaccinated. For example, if the rate among persons not fully vaccinated is 10 and the rate among fully vaccinated is 1, then the rate ratio would be 10:1 or 10.

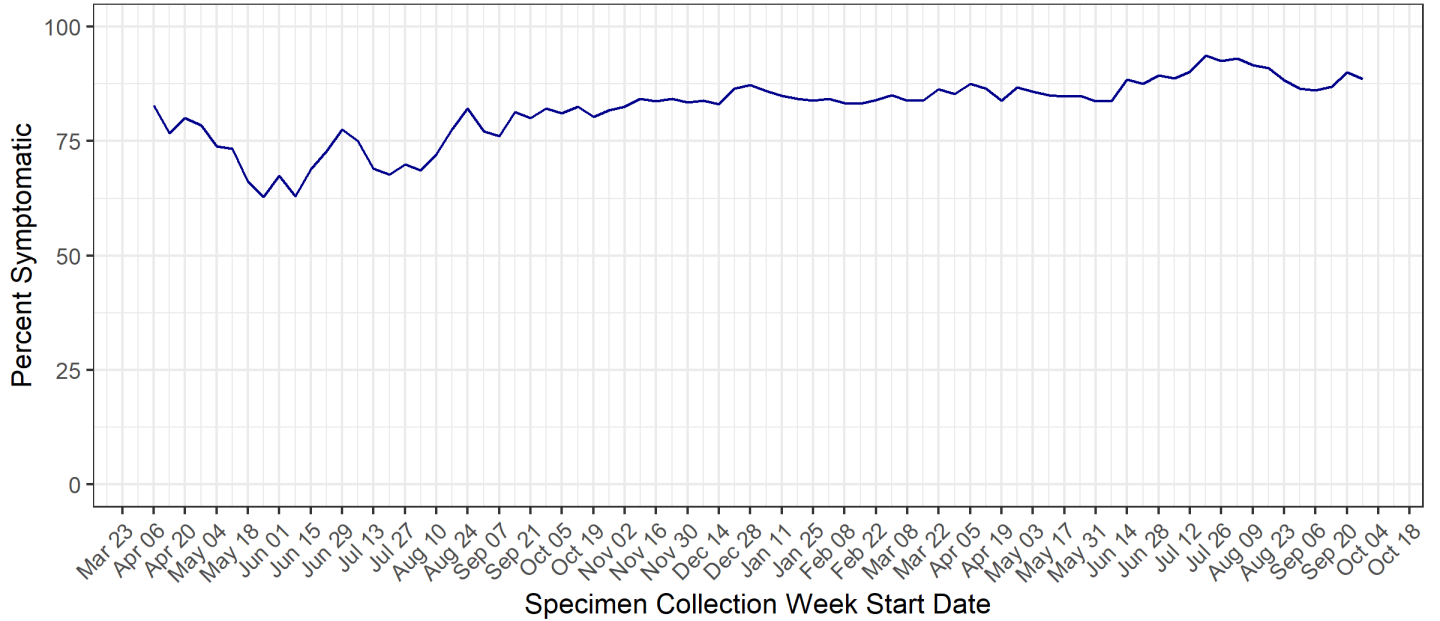
¹ Total cases, as reported on cv.nmhealth.org, include ICE detainees.

² Hospitalizations include all inpatient admissions of a New Mexico resident to an acute care hospital for >24 hours, with a positive laboratory test for SARS-CoV-2 within 14 days of admission or during admission.

³ Deaths certified to have COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Intentional and unintentional injuries are excluded.

SECTION 2: SYMPTOMS

Percentage of cases reporting symptoms each week



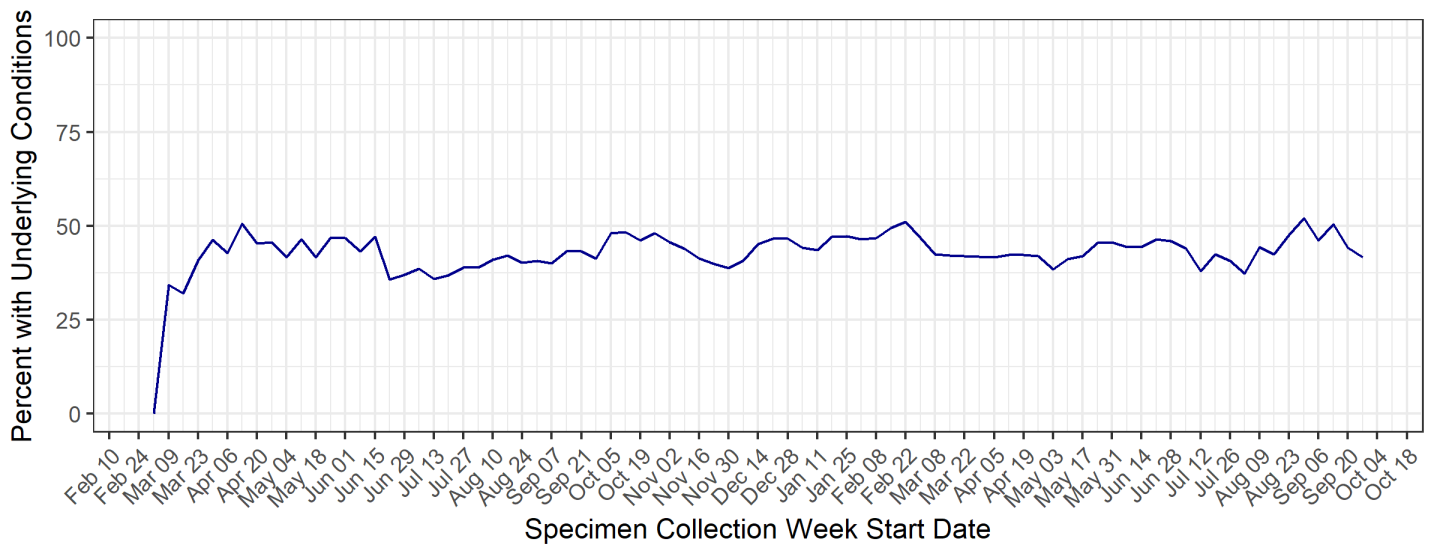
Data for the week of September 27 to October 3, 2021 are incomplete and subject to change.

Percentage of specific symptoms reported by cases

Symptom	Percent of Symptomatic Respondents
Fever (Measured or Subjective)	45%
Chills	43%
Muscle Aches	55%
Runny Nose	49%
Sore Throat	41%
Cough	65%
Shortness of Breath	28%
Nausea or Vomiting	25%
Headache	65%
Abdominal Pain	15%
Diarrhea	29%
Fatigue	65%
Loss of Appetite	38%
Loss of Taste or Smell	49%

Data on “Loss of Taste or Smell” are from cases with positive tests on or after 8/3/2020, as this question was not asked consistently until August. Previously, measured fever (100.5 degrees Fahrenheit or higher) and subjective fever were reported as separate symptoms. From this week forward, cases reporting either of these symptoms will be recorded as experiencing “Fever (Measured or Subjective).”

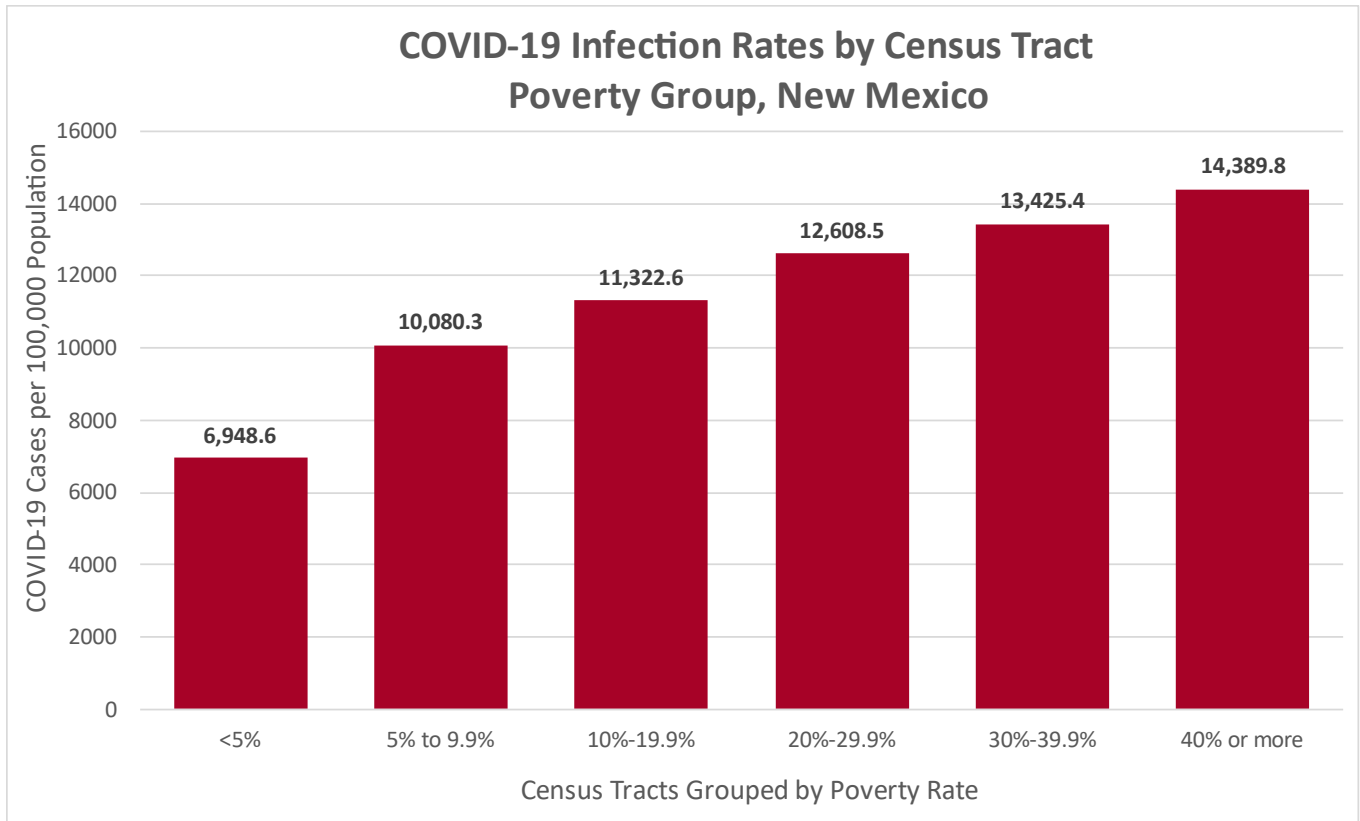
Percentage of cases with underlying conditions each week



Data for the week of September 27 to October 3, 2021 are incomplete and subject to change.

SECTION 3: SOCIOECONOMIC STATUS

Case rate per 100,000 population by census tract below poverty level



Case rate per 100,000 population by poverty level each week

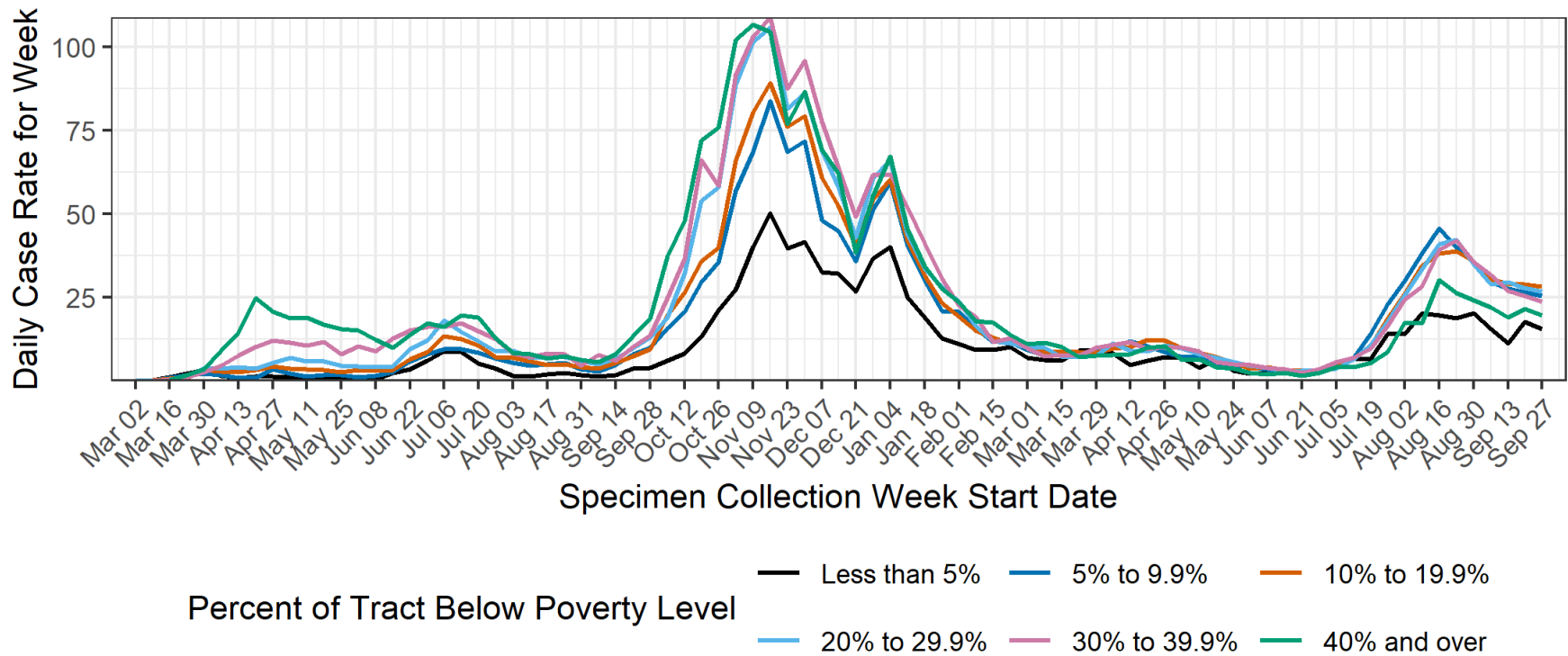
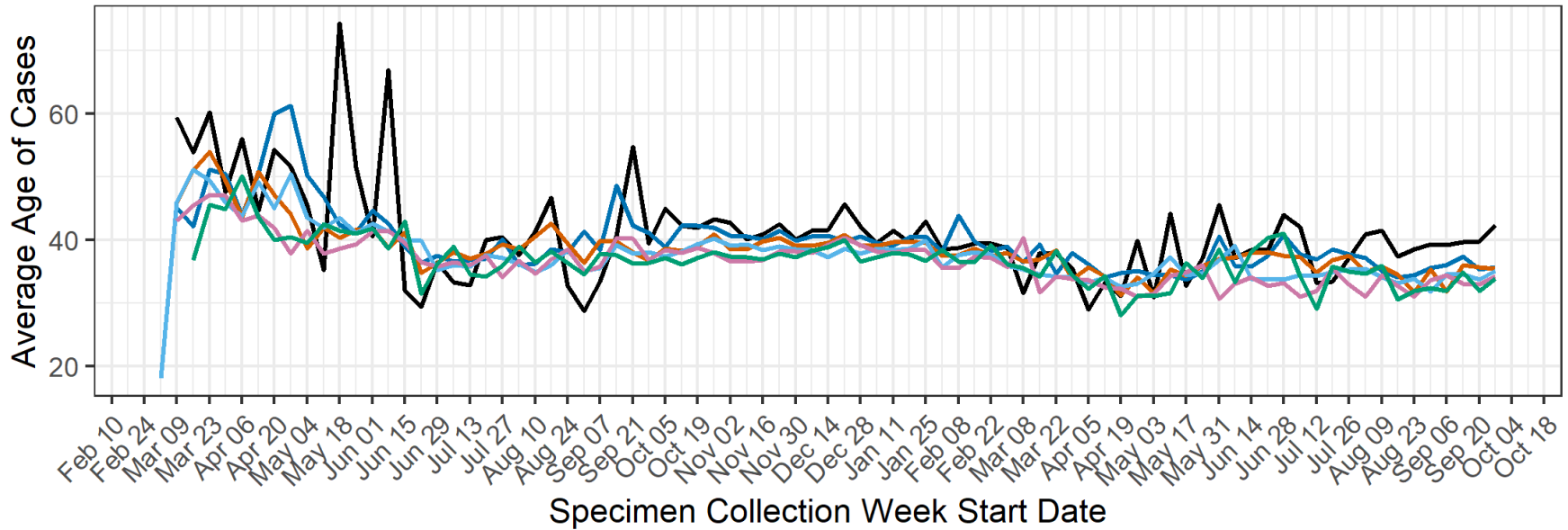


Figure excludes 10397 individuals with addresses that have not been geocoded, individuals who are detained in state or federal correctional facilities, and individuals in ICE custody. Due to delays in reporting of positive lab results to NMDOH, data for the week of September 27 to October 3, 2021 are incomplete and subject to change.

Average age of cases by poverty level each week

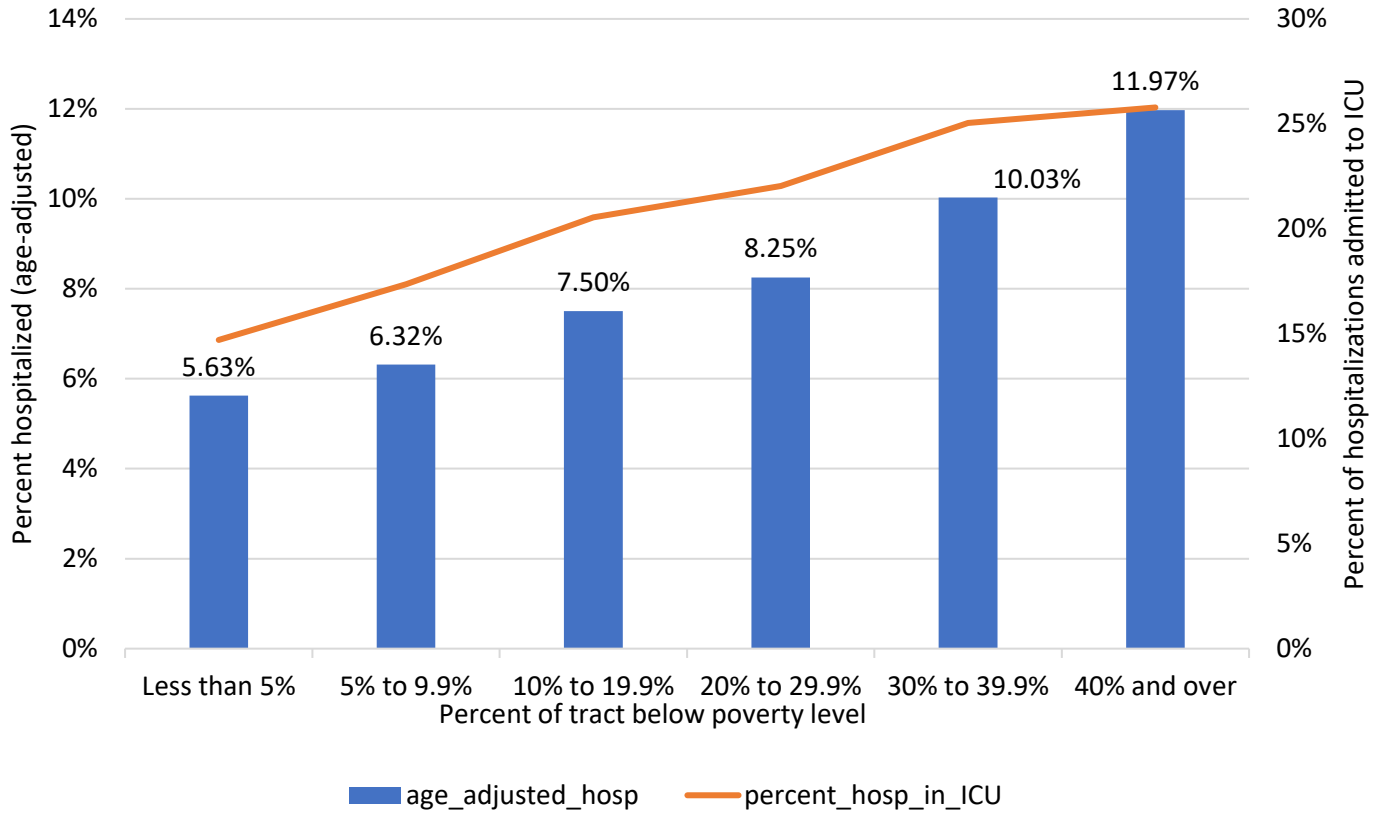


Percent of Tract Below Poverty Level

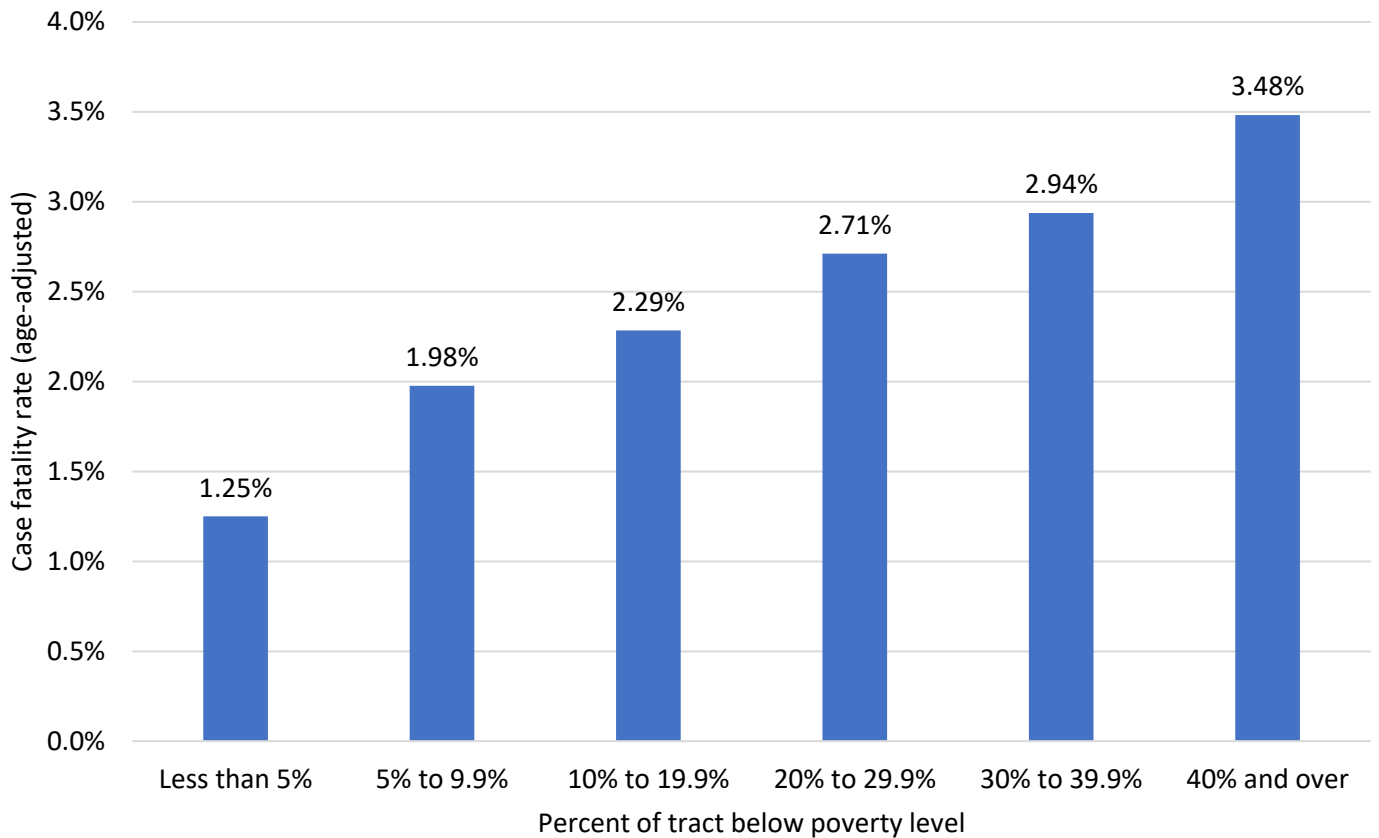
- Less than 5%
- 5% to 9.9%
- 10% to 19.9%
- 20% to 29.9%
- 30% to 39.9%
- 40% and over

Due to delays in reporting of positive lab results to NMDOH, data for the week of September 27 to October 3, 2021 are incomplete and subject to change.

Hospitalizations and ICU stay by poverty level



Case fatality rate by poverty level



Data Sources

- **COVID-19 data**
 - **New Mexico Electronic Disease Surveillance System (NM-EDSS)**, Infectious Disease Epidemiology Bureau, Epidemiology and Response Division, New Mexico Department of Health.
 - **Salesforce/MTX COVID-19 Case Investigation Platform.**
- **Population Estimates:** University of New Mexico, Geospatial and Population Studies (GPS) Program.
- **Age-adjustment:** US 2000 Standard Population Weights
- **Poverty Rates, U.S. Census Bureau, American Community Survey (ACS)**, 2018 5-year estimates. Data from the 2017 5-year estimates were used in this analysis as proxy poverty data for those census tracts.
- **Case fatality rates.** Age-adjusted to the current distribution of U.S. COVID-19 cases: [CDC COVID Data Tracker](#)
- **Vaccination Data**
 - **New Mexico State Immunization Information System (NMSIIS)**, NMDOH Immunization Program, Public Health Division, New Mexico Department of Health
 - **Tiberius: HHS Protect-OWS**, US Health and Human Services, Department of Defense

Data Notes

- **The data reported in this weekly update may not match the daily numbers that are reported in the New Mexico Department of Health (NMDOH) press releases and/or the NMDOH COVID-19 data dashboard. This may be due to variation in the date and time of data extraction from NM-EDSS, corrections after quality assurance review, and differences in the exclusion criteria.**
- **New Mexico Electronic Disease Surveillance System (NM-EDSS).** Disease incidence data are derived from reports of notifiable infectious diseases. NMDOH relies on health care providers, laboratories, hospitals, clinics, institutions and individuals to report suspected and confirmed notifiable infectious diseases in accordance with New Mexico Administrative Code 7.4.3.13. Under-reporting can occur due to of lack of awareness about reporting requirements or lack of compliance with those requirements. Not all cases of infectious diseases can be detected for various reasons including lack of access to health care services, lack of laboratory testing or concerns about confidentiality. Specific and standardized national case definitions are used to classify disease reports by case status.
- **New Mexico Population Estimates.** All population estimates apply to July 1 of 2018. Estimates include decimal fractions. The sum of population subgroup estimates may not exactly equal the overall state population estimate due to rounding error. Population estimates for previous years are occasionally revised as new information becomes available. When publishing trend data, always be sure that your rates for earlier years match current rates on NM-IBIS that have been calculated with the most up-to-date population estimates.
- **Case rate per 100,000 population.** A basic measure of disease-specific case frequency is a rate, which takes into account the number of cases and the population size. It is helpful in making public health decisions for a given population, relative to another population regardless of size.