

# Level of Community Transmission of COVID-19 by New Mexico Counties

December 7 – December 20, 2021

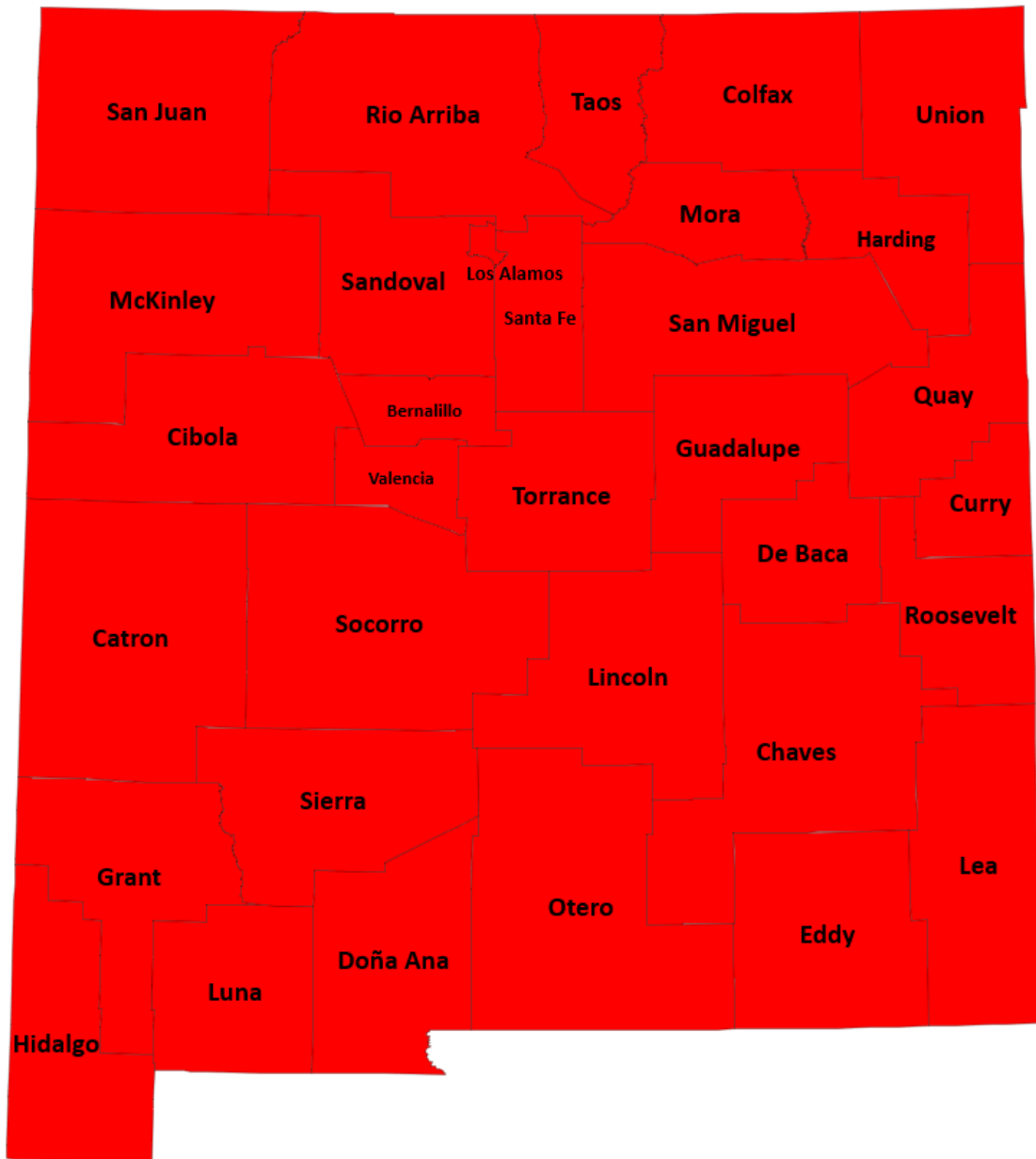
The table and map below indicate average daily case rates and test positivity rates over the prior two week period. Counties are assigned a level of transmission color, according to indicator thresholds adapted from CDC's [County View COVID Data Tracker](#). See the Data Notes for more information.

## SECTION 1: TABLE

County	Population Count	Number of Cases (14 days)	Number of Cases + Negative Tests (14 days)	Total New Cases per 100,000 persons	Percentage of Tests that are Positive During the Past 14 days
De Baca	1840	42	156	163.0	26.92%
Quay	8396	125	574	106.3	21.78%
Union	4090	56	573	97.8	9.77%
Chaves	64104	690	4061	76.9	16.99%
Roosevelt	19901	205	1159	73.6	17.69%
Socorro	17193	162	1263	67.3	12.83%
Valencia	75427	661	4348	62.6	15.20%
Doña Ana	218836	1877	16348	61.3	11.48%
Grant	27862	237	3723	60.8	6.37%
Luna	24444	196	1571	57.3	12.48%
Hidalgo	4242	34	229	57.3	14.85%
Curry	49915	400	4088	57.2	9.78%
Eddy	58252	448	4089	54.9	10.96%
Mora	4566	31	293	48.5	10.58%
Bernalillo	679590	4486	46412	47.2	9.67%
Sandoval	146415	965	11534	47.1	8.37%
Rio Arriba	38716	253	2218	46.7	11.41%
San Miguel	27969	181	2389	46.2	7.58%
Lincoln	19860	121	1107	43.5	10.93%
Cibola	26801	162	1947	43.2	8.32%
Torrance	15923	96	739	43.1	12.99%
San Juan	126122	729	7017	41.3	10.39%
Santa Fe	149635	849	9567	40.5	8.87%
Sierra	11076	62	694	40.0	8.93%
Taos	32513	179	2053	39.3	8.72%
Lea	71570	363	2546	36.2	14.26%
Otero	67700	343	3951	36.2	8.68%
Colfax	11903	57	733	34.2	7.78%
Harding	657	3	52	32.6	5.77%
McKinley	70330	297	3207	30.2	9.26%
Catron	3533	14	181	28.3	7.73%
Guadalupe	4419	17	292	27.5	5.82%
Los Alamos	18856	49	1597	18.6	3.07%

## SECTION 2: MAP

Levels of Community Transmission - New Mexico Counties  
December 7 - December 20, 2021



## 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.
- **Population Estimates:** University of New Mexico, Geospatial and Population Studies (GPS) Program.

## 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.
- **Transmission Indicator.** In order to mirror the data presented by CDC on their [COVID Data Tracker](#), we modified the CDC transmission indicator table to represent daily case rate thresholds, rather than weekly case rate thresholds, by dividing the rates by 7 (see table below for NM Indicator thresholds).

Indicator - If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons per day	0-1.42	1.43-7.13	7.14-14.28	≥ 14.29
Percentage of tests that are positive during the past 14 days	0-4.99%	5-7.99%	8-9.99%	≥ 10.0%