

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	21	108	81.5	19.44%
Chaves	64104	653	3715	72.8	17.58%
Union	4090	41	405	71.6	10.12%
Grant	27862	264	3499	67.7	7.55%
Roosevelt	19901	183	881	65.7	20.77%
Quay	8396	76	387	64.7	19.64%
Socorro	17193	137	1080	56.9	12.69%
Hidalgo	4242	33	203	55.6	16.26%
Curry	49915	355	3597	50.8	9.87%
Valencia	75427	498	3691	47.2	13.49%
Lincoln	19860	129	900	46.4	14.33%
Doña Ana	218836	1396	12723	45.6	10.97%
Sandoval	146415	880	10120	42.9	8.70%
Eddy	58252	346	3328	42.4	10.40%
Rio Arriba	38716	228	1835	42.1	12.43%
Bernalillo	679590	3894	40751	40.9	9.56%
Santa Fe	149635	847	8047	40.4	10.53%
San Miguel	27969	154	2058	39.3	7.48%
Sierra	11076	58	603	37.4	9.62%
Luna	24444	122	1406	35.6	8.68%
Torrance	15923	79	543	35.4	14.55%
Mora	4566	22	246	34.4	8.94%
Lea	71570	334	2181	33.3	15.31%
San Juan	126122	585	6055	33.1	9.66%
Harding	657	3	26	32.6	11.54%
Colfax	11903	52	551	31.2	9.44%
Cibola	26801	110	1280	29.3	8.59%
Otero	67700	265	3051	28.0	8.69%
Taos	32513	127	1381	27.9	9.20%
Guadalupe	4419	15	278	24.2	5.40%
McKinley	70330	225	2554	22.9	8.81%
Catron	3533	11	137	22.2	8.03%
Los Alamos	18856	37	1317	14.0	2.81%

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%