## COVID-19 Pediatric Case Report <br> August 02, 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.

> | $\begin{array}{c}\text { Total number of pediatric cases } \\ \text { (\% of cases that are pediatric) }\end{array}$ | $\begin{array}{c}\text { Number of pediatric cases in the last } 7 \text { days } \\ \text { (\% of cases in the last } 7 \text { days that are pediatric) }\end{array}$ |
| :---: | :---: |
| $31023(14.6 \%)$ | $393(16.5 \%)$ |

## SECTION 1: PEDIATRIC CASE DEMOGRAPHICS

## Pediatric case count over time



Previous 7 days are greyed out. Positive samples collected during this time may not yet be reported.

Pediatric case rate per 1,000 population by age group


| Age Group | Number of <br> Cases | Percent of <br> Cases | Cases per <br> 1,000 | Ratio of 18 and Over <br> to Age Group |
| :--- | :---: | :---: | :---: | :---: |
| Less than 1 | 1161 | 0.5 | 50.3 | 0.5 |
| $\mathbf{1}$ to $\mathbf{4}$ | 4329 | 2.0 | 43.9 | 0.4 |
| 5 to 11 | 10569 | 5.0 | 56.0 | 0.5 |
| $\mathbf{1 2}$ to 15 | 9008 | 4.3 | 80.8 | 0.7 |
| 16 to 17 | 5956 | 2.8 | 107.7 | 1.0 |
| Under 18 | 31023 | 14.7 | 65.0 | 0.6 |
| $\mathbf{1 8}$ and over | 180391 | 85.3 | 111.0 | 1.0 |



Tests collected in the last ten days may not yet have results. Recent case rates will change as these tests are processed.

Pediatric cases by sex and age

| Sex | Age Group | Cases | Percent of Cases within Gender | $\begin{gathered} \text { Cases per } \\ 1,000 \\ \text { Population } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Female | Less than 1 | 556 | 0.51 | 49.3 |
|  | 1 to 4 | 2099 | 1.93 | 43.5 |
|  | 5 to 11 | 5175 | 4.77 | 55.9 |
|  | 12 to 15 | 4498 | 4.15 | 81.8 |
|  | 16 to 17 | 3139 | 2.89 | 115.4 |
|  | Under 18 | 15467 | 14.26 | 66.0 |
|  | 18 and over | 93015 | 85.74 | 112.4 |
| Male | Less than 1 | 581 | 0.58 | 49.2 |
|  | 1 to 4 | 2174 | 2.18 | 43.2 |
|  | 5 to 11 | 5256 | 5.27 | 54.6 |
|  | 12 to 15 | 4399 | 4.41 | 77.8 |
|  | 16 to 17 | 2757 | 2.77 | 98.1 |
|  | Under 18 | 15167 | 15.21 | 62.4 |
|  | 18 and over | 84518 | 84.79 | 106.0 |

Rates per 1,000 population of cases by age in each race/ethnicity group


| Race | Age Group |  | Cases | Percent |
| :---: | :---: | :---: | :---: | :---: | Rate per 1,000

Percent of school-aged pediatric cases with symptoms by age group


## SECTION 2: PEDIATRIC TESTING RATES AND POSITIVITY

## Cumulative testing rates per 1,000 population and test positivity by age group

Tests include PCR and antigen

| Age Group (years) | Total Number of <br> Cases | Cumulative tests per <br> 1,000 <br> population | Cumulative test <br> positivity (\%) |
| :---: | :---: | :---: | :---: |
| $\boldsymbol{< 1}$ | 1153 | 568.5 | $8.1 \%$ |
| $\mathbf{1 - 4}$ | 4334 | 453.9 | $9.1 \%$ |
| $\mathbf{5 - 1 1}$ | 10593 | 498.9 | $10.5 \%$ |
| $\mathbf{1 2 - 1 5}$ | 9018 | 641.2 | $11.9 \%$ |
| $\mathbf{1 6 - 1 7}$ | 5951 | 992.0 | $10.2 \%$ |
| $\mathbf{1 8 +}$ | 179925 | 1766.3 | $5.8 \%$ |

Testing rates per 1,000 population by age group by week



## SECTION 3: PEDIATRIC HOSPITALIZATIONS

Out-of-state pediatric cases were excluded.

Total pediatric hospitalizations
Pediatric hospitalizations in the last week

0

Hospitalization rate per 100,000 population and percentage by age group
It should be noted that due to the small number of hospitalizations of pediatric cases, the hospitalization rates per 100,000 population for these age groups should be interpreted with caution.


Table 1. Number of hospitalizations, percent of hospitalizations and rate of hospitalization per 100,000 for cases under 18 years old

| Age group (years) | Number of hospitalizations | Percent of hospitalizations <br> Under 18 years old | Hospitalization rate per <br> $\mathbf{1 0 0 , 0 0 0}$ population |
| :---: | :---: | :---: | :---: |
| $<\mathbf{1}$ | 52 | $24.4 \%$ | 225.4 |
| $\mathbf{1 - 4}$ | 34 | $16.0 \%$ | 34.5 |
| $\mathbf{5 - 1 1}$ | 39 | $18.3 \%$ | 20.6 |
| $\mathbf{1 2 - 1 5}$ | 46 | $21.6 \%$ | 41.2 |
| $\mathbf{1 6 - 1 7}$ | 42 | $19.7 \%$ | 75.9 |

Table 2. Number of hospitalizations, percent of hospitalizations and rate of hospitalization per 100,000 for cases under 18 years old compared to 18 years and over

| Age group <br> (years) | Number of hospitalizations | Percent of hospitalizations <br> Under 18 years old | Hospitalization rate per <br> 100,000 <br> population |
| :---: | :---: | :---: | :---: |
| Under 18 | 213 | $1.5 \%$ | 44.6 |
| $\mathbf{1 8 +}$ | 14325 | $98.5 \%$ | 881.4 |



Finding: Overall, the hospitalization rates per 100,000 population among the pediatric age groups have remained low. However, since the end of September 2020, hospitalization rates in the less than 1 year old age group have been higher than the 1-4, 12-15, and 16-17 years old age groups. It should be noted that due to the small number of hospitalizations of pediatric cases, the hospitalization rates per 100,000 po pulation for these age groups should be interpreted with caution

Note: Hospitalizations in the previous week may not yet be reported.

## Hospitalization rate per 100,000 population and percentage by sex

Finding: The hospitalization rate per 100,000 population is similar between males and females within the Under 18 and over 18 years age groups. It should be noted that due to the small number of hospitalizations of pediatric cases, the hospitalization rates per 100,000 population for these age groups should be interpreted with caution.


| Age group (years) | Sex | Number of <br> hospitalizations | Percent of <br> hospitalizations <br> within age group | Hospitalization rate <br> per 100,000 |
| :---: | :---: | :---: | :---: | :---: |
| Under 18 | Female | 96 | $45.1 \%$ | 41.0 |
|  | Male | 117 | $54.9 \%$ | 48.1 |
| $\mathbf{1 8 +}$ | Female | 7058 | $49.5 \%$ | 852.6 |
|  | Male | 7190 | $50.5 \%$ | 901.6 |

Note: 135 cases were excluded due to missing or unknown sex information.

## Hospitalization rate per 100,000 population and percentage by race/ethnicity

Finding: In the Under 18 years old age group, the hospitalization rate per 100,000 population is the highest in American Indian or Alaska Native children at 99.7 followed by Black or African American at 42.0 However, Hispanic or Latino children make up 55.3 of the total number of pediatric cases hospitalized, followed by American Indian or Alaska Native children, at 25.9\%. It should be noted that due to the small number of hospitalizations of pediatric cases, the hospitalization rates per 100,000 populationfor these age groups should be interpreted with caution.


Note: For Under 18 years age group, 13 cases had missing race/ethnicity information and were excluded. 8 cases "Refused to answer" or answered "Other" and were also excluded.


Race/ethnicity

| Age group (years) | Race/ethnicity | Number of hospitalizations | Percent of hospitalizations within age group | Hospitalization rate per 100,000 population |
| :---: | :---: | :---: | :---: | :---: |
| Under$18$ | American Indian or Alaska Native | 51 | 25.90\% | 99.7 |
|  | Asian | 2 | 1.0\% | 29.7 |
|  | Black or African American | 5 | 2.50\% | 42.0 |
|  | Hispanic or Latino | 109 | 55.30\% | 37.9 |
|  | White | 25 | 12.70\% | 20.9 |
| 18+ | American Indian or Alaska Native | 4325 | 31.70\% | 3097.1 |
|  | Asian | 158 | 1.20\% | 521.7 |
|  | Black or African American | 169 | 1.20\% | 473.0 |
|  | Hispanic or Latino | 5716 | 41.90\% | 764.3 |
|  | White | 3088 | 22.60\% | 459.7 |

Notes:

- For Under 18 years age group, 13 cases had missing race/ethnicity information and were excluded. 8 cases "Refused to answer" or answered "Other" and were also excluded.
- For the " $18+$ " years age group, 661 had missing race/ethnicity information and were excluded. 208cases "Refused to answer" or answered "Other" and were also excluded.
- Rates for Native Hawaiian or Other Pacific Islanders and "Other" are excluded, as there are no population estimates for these populations.
- 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.


## 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 2019. 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.
- Race/Ethnicity. Race/Ethnicity are reported as a single variable according to the selection of the case. Any case who is Hispanic is in the Hispanic category and all other races are non-Hispanic.
- Gender refers to a person's internal sense of being male, female, some combination of male and female, or neithermale nor female. Sex refers to the biological anatomy of an individual's reproductive system, and secondary sex characteristics.
- 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.

