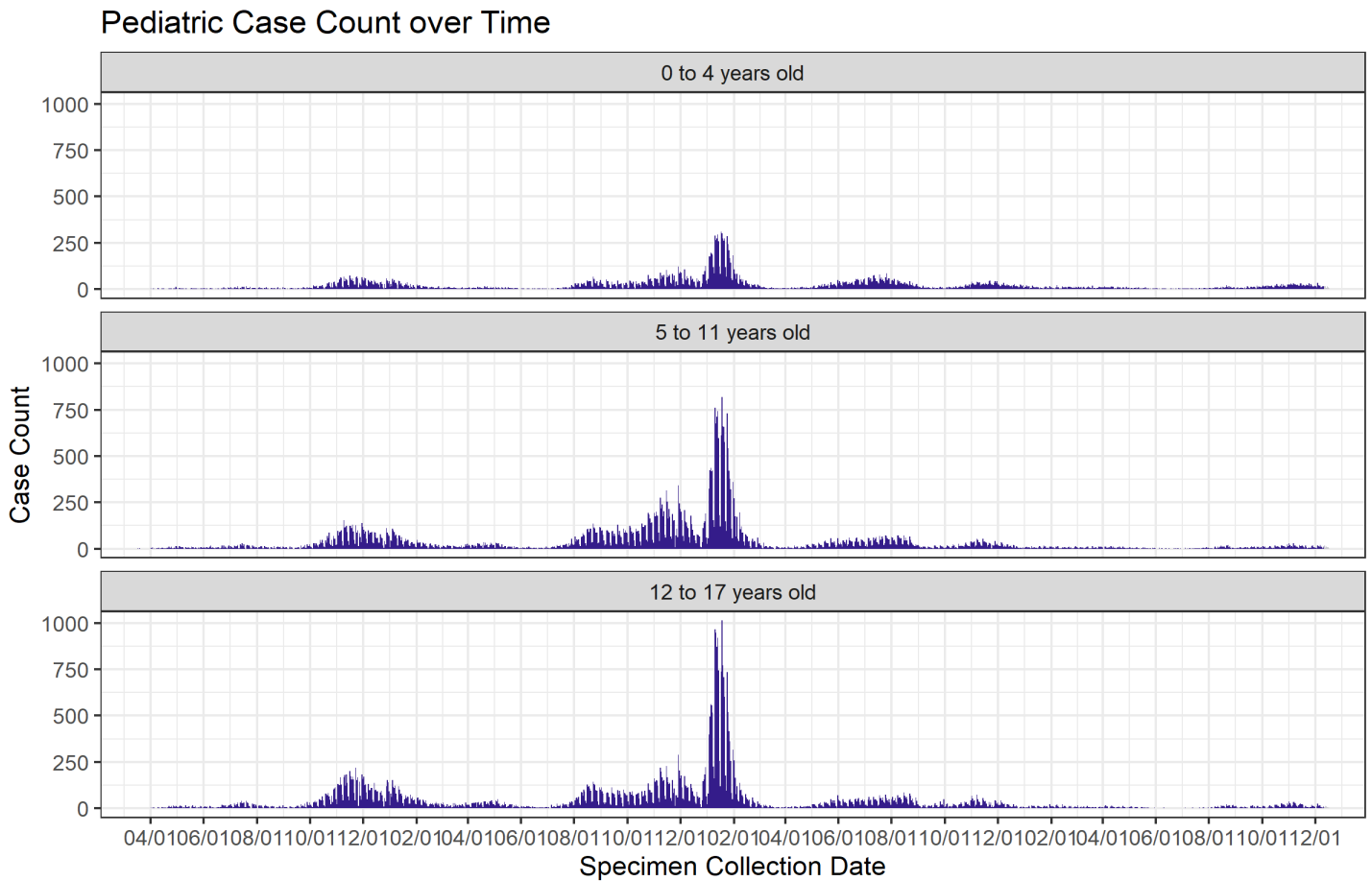# COVID-19 Pediatric Case Report
December 18, 2023

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 number of pediatric cases (% of cases that are pediatric)		Number of pediatric cases in the last 7 days (% of cases in the last 7 days that are pediatric)	
132476	(18.6%)	283	(18.7%)

SECTION 1: PEDIATRIC CASE DEMOGRAPHICS

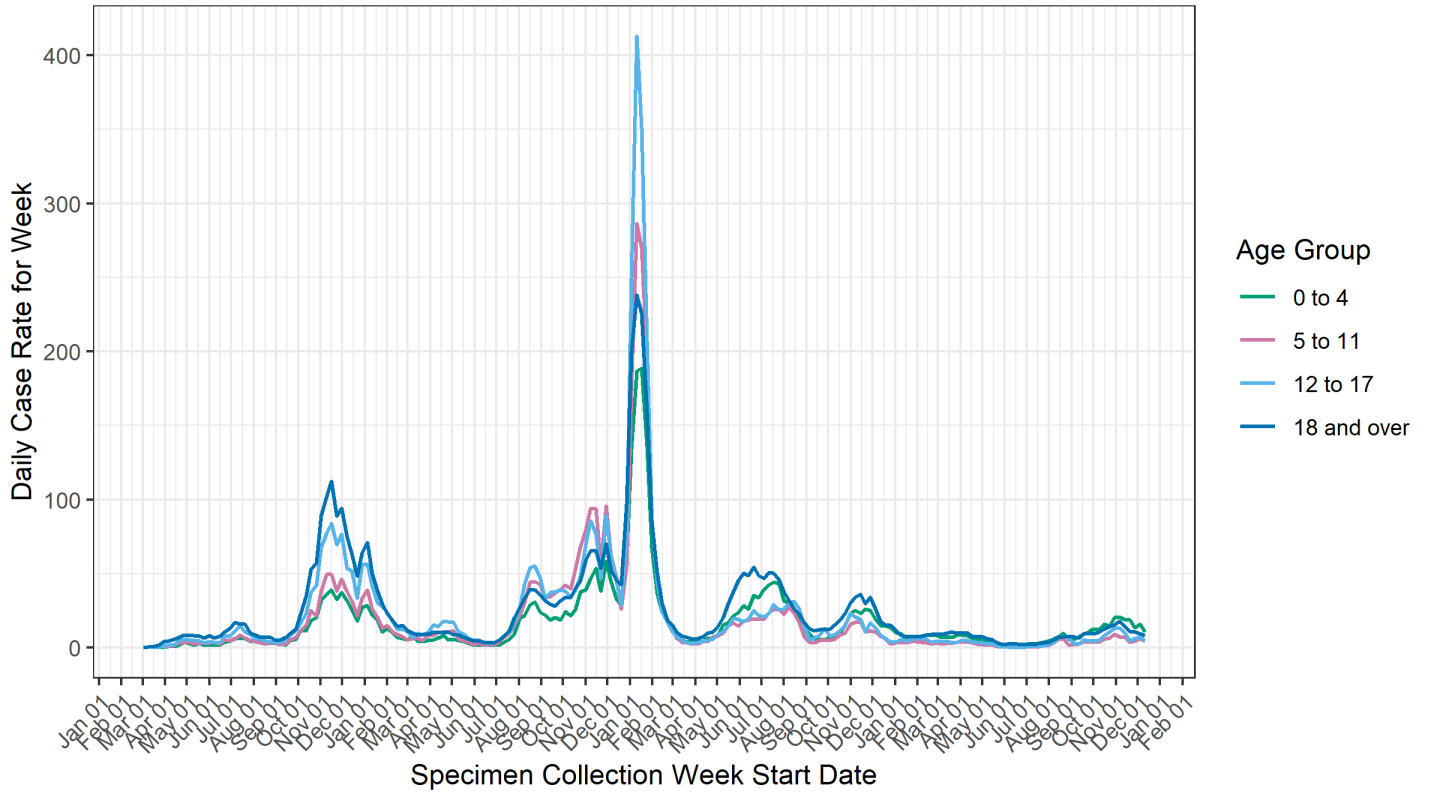### Pediatric case count over time

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
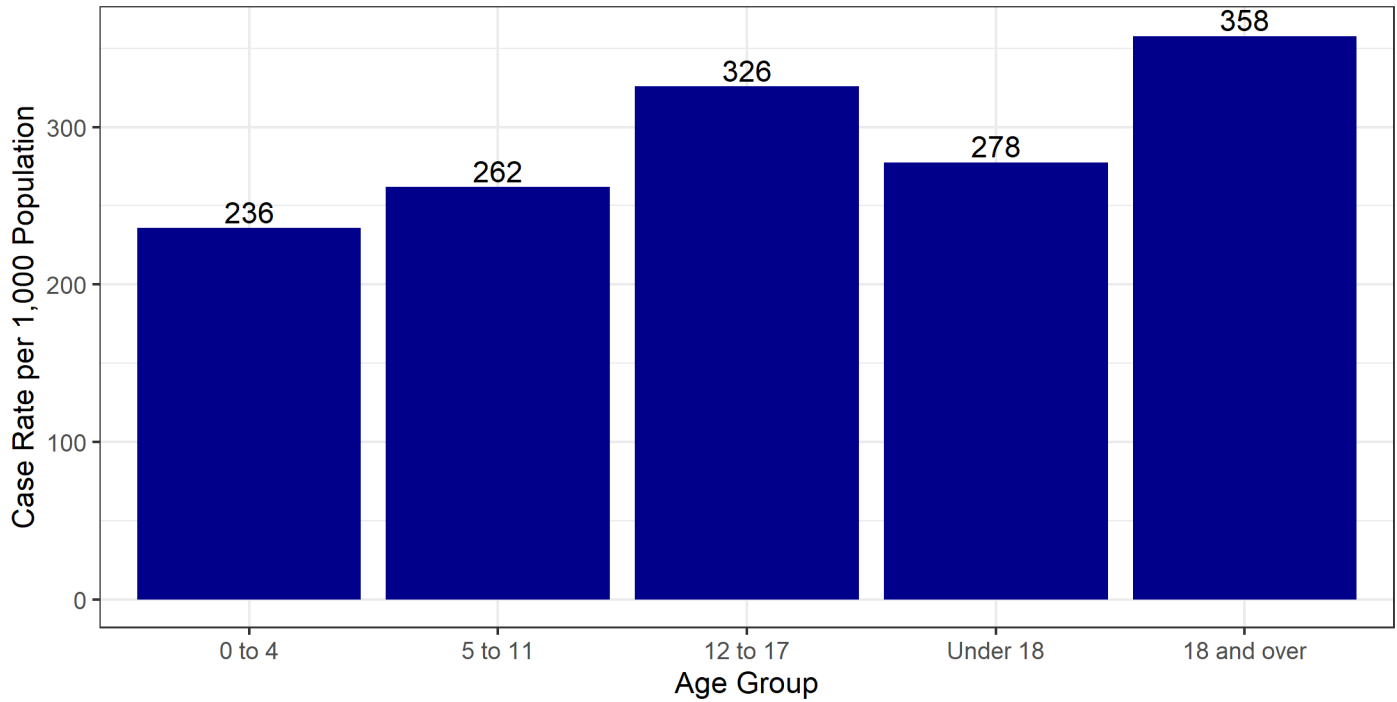
Age Group	Number of Cases	Percent of Cases	Cases per 1,000	Ratio of 18 and Over to Age Group
0 to 4	28684	4%	235.8	0.6
5 to 11	49453	6.9%	261.8	0.8
12 to 17	54339	7.6%	325.7	1.0
Under 18	132476	18.6%	277.5	0.8
18 and over	581305	81.4%	357.7	1.0

Daily pediatric case rate per 100,000 population by age group

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	Cases per 1,000 Population
Female	**0 to 4**	13501	3.5%	226.7
	5 to 11	23792	6.2%	257.1
	12 to 17	27900	7.3%	339.6
	Under 18	65193	17.1%	278.3
	18 and over	316492	82.9%	382.3
Male	**0 to 4**	14889	4.6%	239.7
	5 to 11	25072	7.8%	260.3
	12 to 17	25779	8%	304.5
	Under 18	65740	20.3%	270.4
	18 and over	257643	79.7%	323.1

Rates per 1,000 population of cases by age in each race/ethnicity group
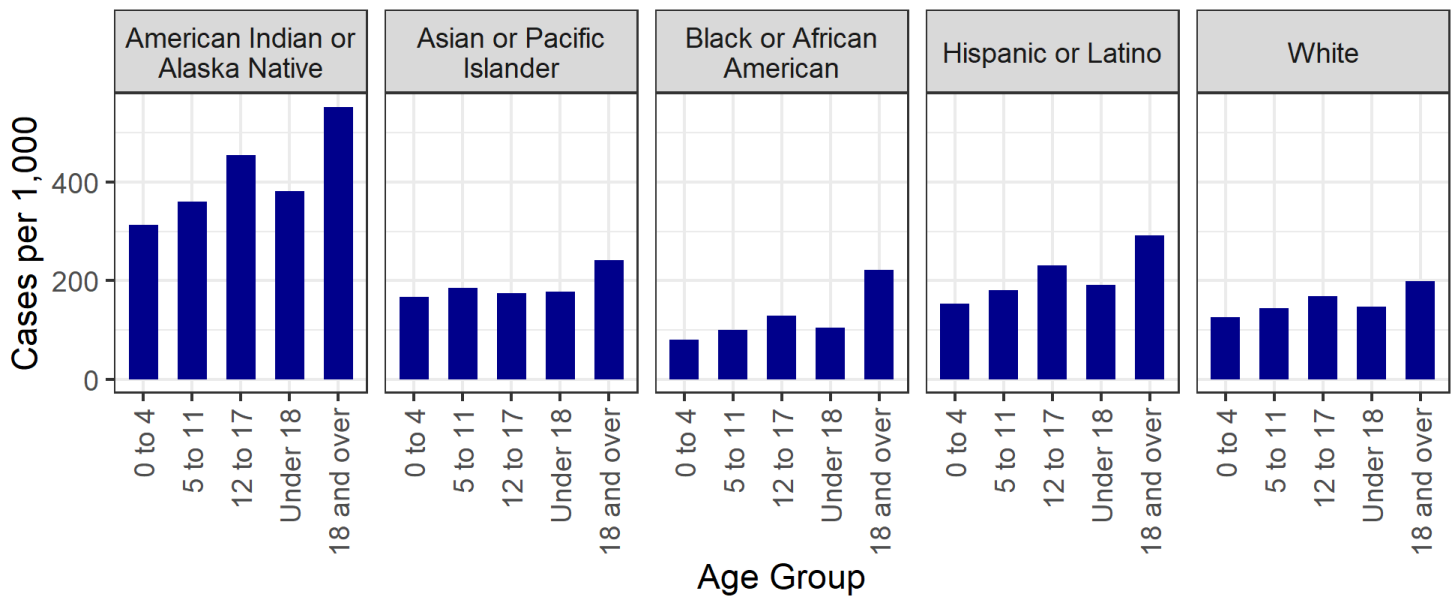
| Race	Age Group	Cases	Percent	Rate per 1,000
American Indian or Alaska Native	0 to 4	3896	4%	313.2
	5 to 11	7385	7.6%	360.5
	12 to 17	8274	8.6%	454
	Under 18	19555	20.2%	382.3
	18 and over	77205	79.8%	552.9
Asian or Pacific Islander	0 to 4	283	3.3%	167.4
	5 to 11	478	5.6%	185.5
	12 to 17	432	5.1%	175.3
	Under 18	1193	14%	177.2
	18 and over	7312	86%	241.4
Black or African American	0 to 4	253	2.8%	79.4
	5 to 11	495	5.4%	100.2
	12 to 17	491	5.4%	129.6
	Under 18	1239	13.5%	104
	18 and over	7933	86.5%	222.1
Hispanic or Latino	0 to 4	11252	4.1%	153.4
	5 to 11	20556	7.5%	180.3
	12 to 17	23226	8.5%	231
	Under 18	55034	20.1%	191.1
	18 and over	218393	79.9%	292
White	0 to 4	3894	2.6%	125.6
	5 to 11	6709	4.4%	143.3
	12 to 17	7041	4.7%	168.4
	Under 18	17644	11.7%	147.5
	18 and over	133175	88.3%	198.2

SECTION 2: PEDIATRIC TESTING RATES AND POSITIVITY

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

Test includes PCR only

Age Group (years)	Total Number of Test	Cumulative tests per 1,000 population	Cumulative test positivity (%)
0-4	29183	2023.7	11.7%
5-11	50061	1884.8	14%
12-17	55187	2106.6	15.7%
18+	597974	4038.9	9.8%

Testing rates per 1,000 population by age group by week
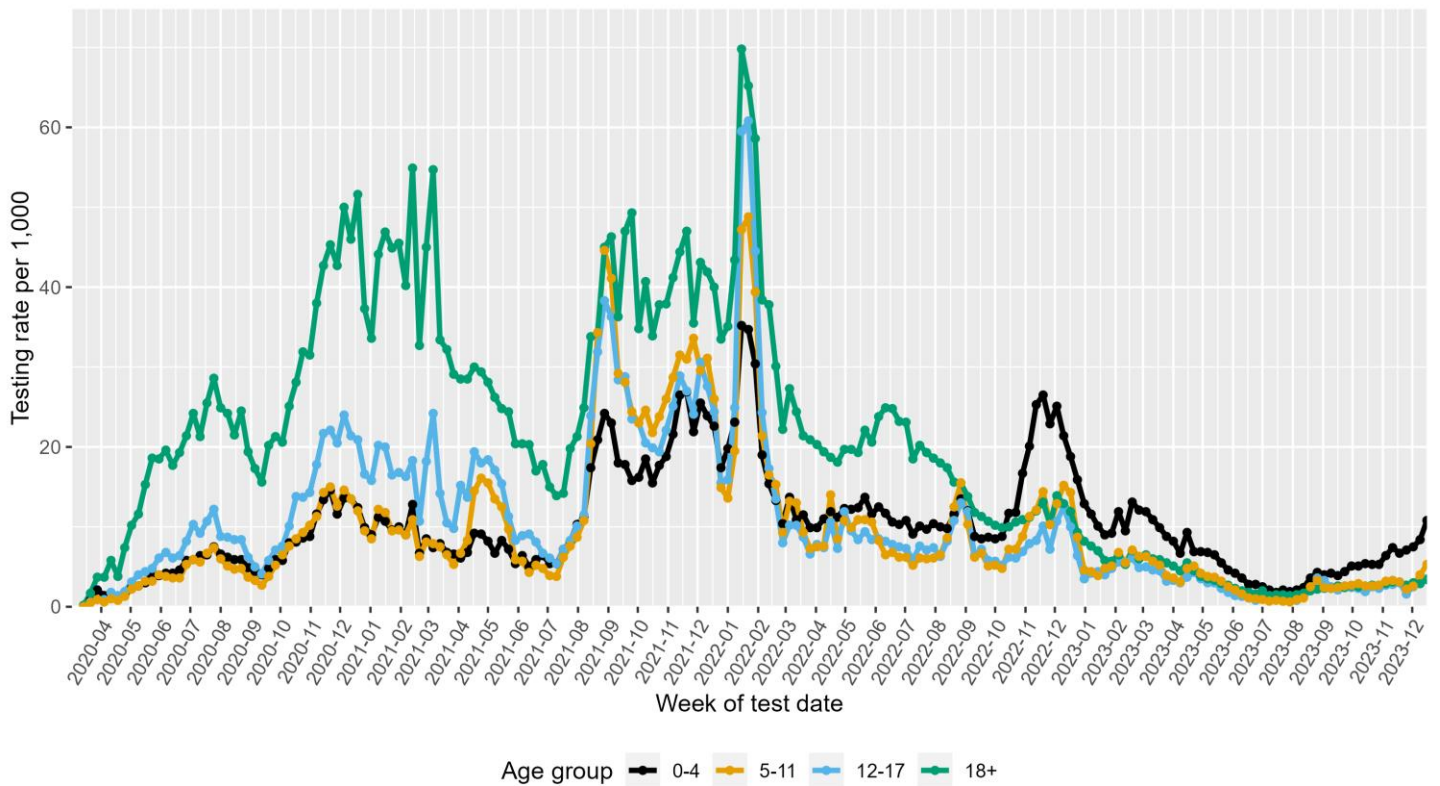
Test positivity (%) by age group by week

Age group: 0-4, 5-11, 12-17, 18+
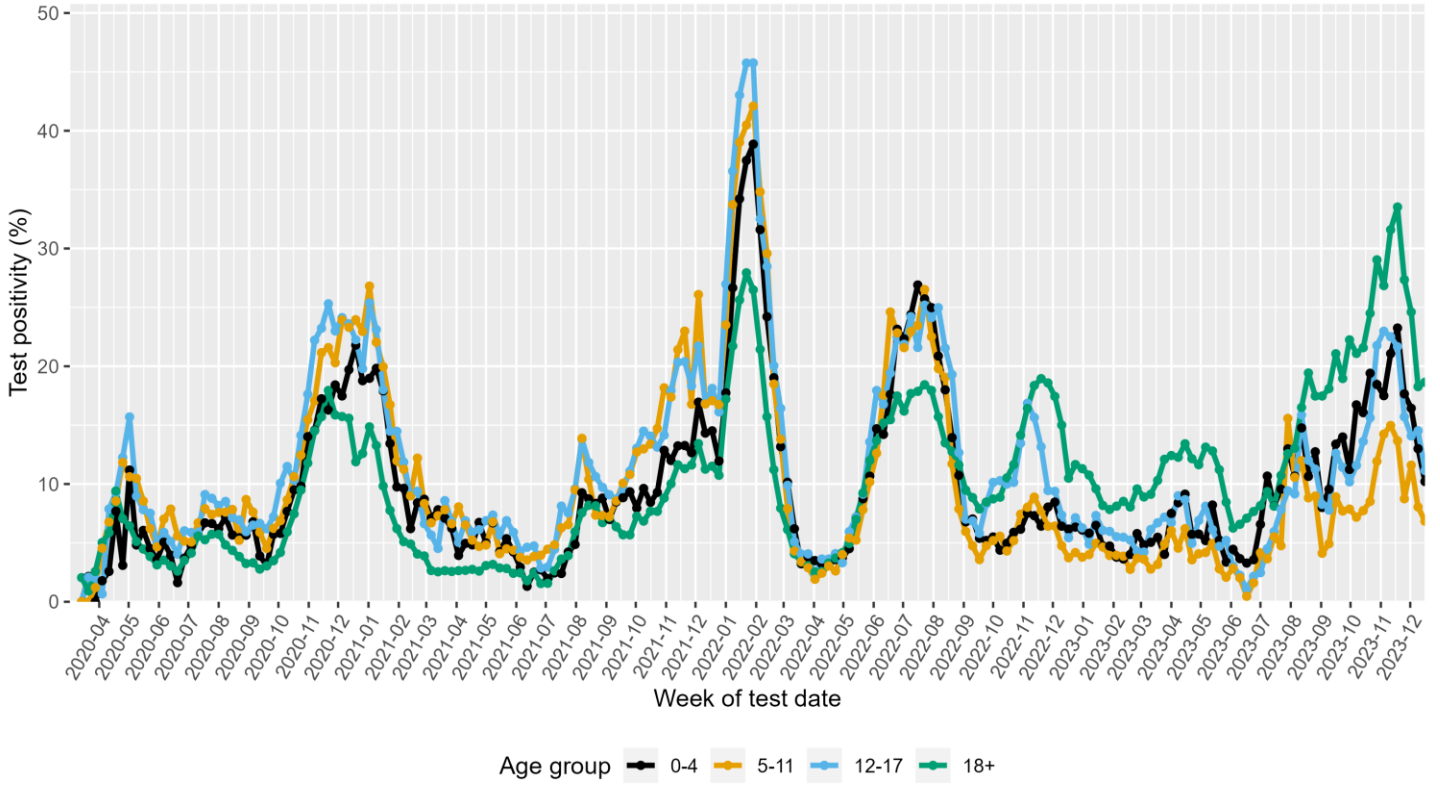
SECTION 3: PEDIATRIC HOSPITALIZATIONS

Out-of-state pediatric cases were excluded.

Total pediatric hospitalizations	Pediatric hospitalizations in the last week	Total Pediatric deaths
1473	3	14

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. [1][2]

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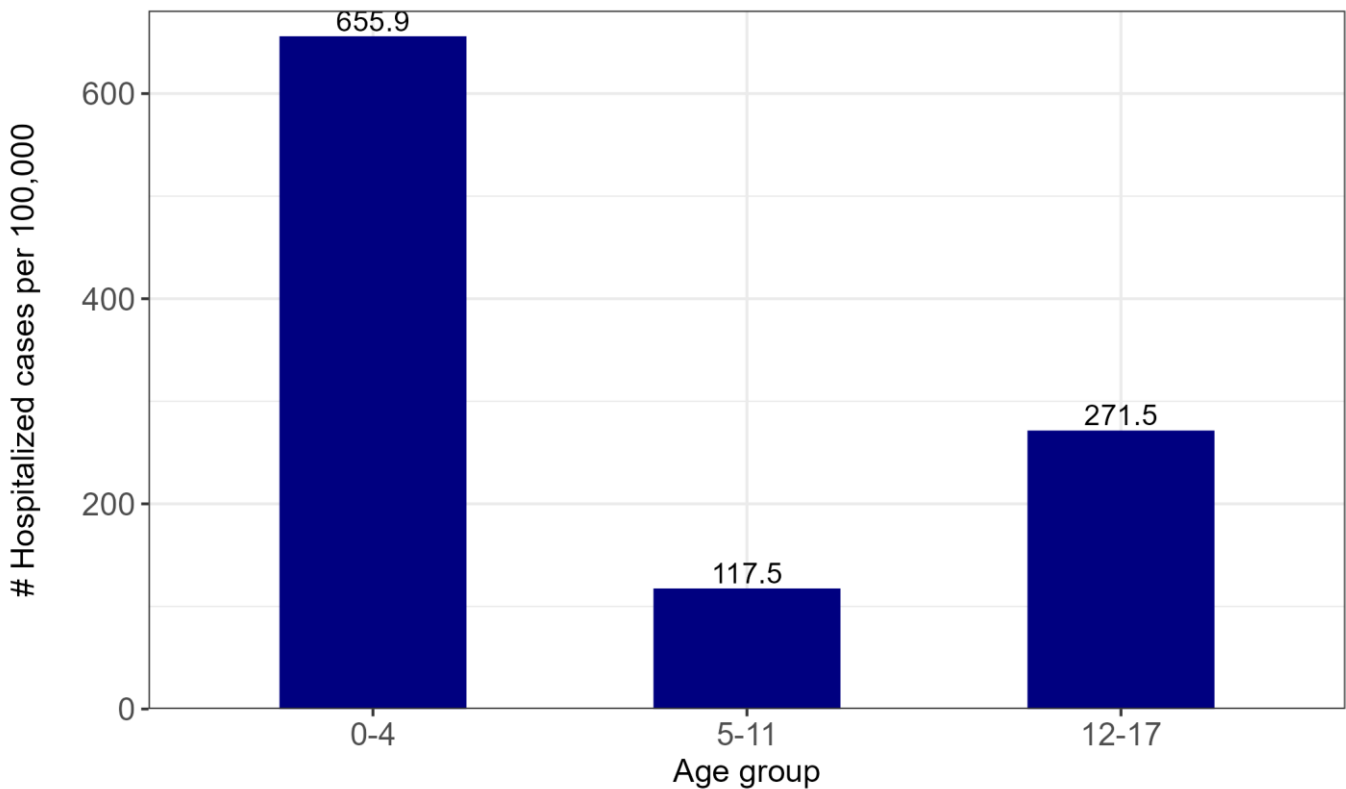
[1] Deaths certified to have COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Intentional and unintentional injuries are excluded. Death reporting might be delayed up to 6 weeks. Beginning January 1, 2022, deaths due to natural causes matched to a SARS-CoV-2 positive test result within 30 days of the date of death are included as COVID-19 related deaths even when COVID is not listed on the death certificate.

[2] Ongoing efforts to improve the completeness and accuracy of the hospitalization data will result in week-to-week changes in the cumulative hospitalization counts. These changes are not affecting recent hospitalization data, but will affect the historical (i.e., cumulative) hospitalization baseline.
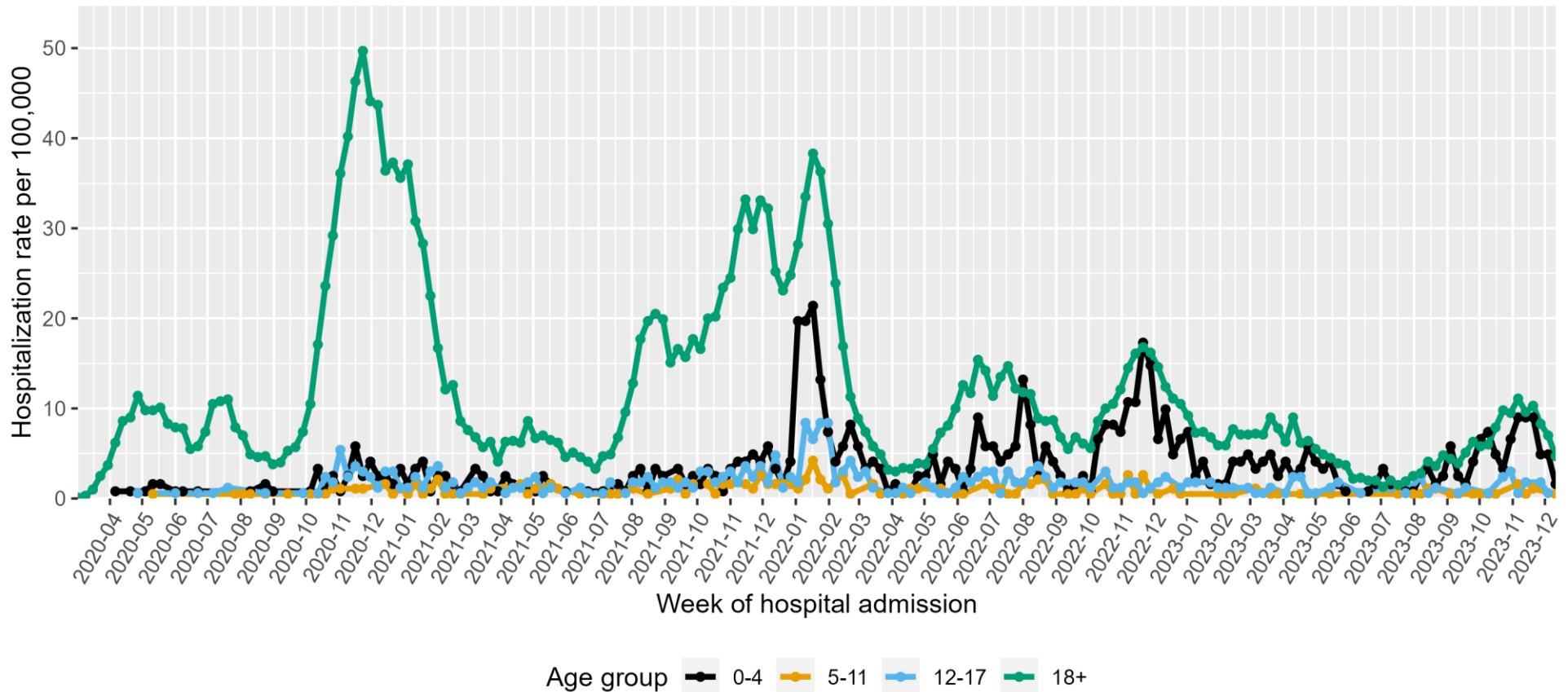
Table 1. Number of hospitalizations, percent of hospitalizations and rate of hospitalization per 100,000 for cases under 18 years old

Age group (years)	Number of hospitalizations	Percent of hospitalizations Under 18 years old	Hospitalization rate per 100,000 population
0-4	798	54.2%	655.9
5-11	222	15.1%	117.5
12-17	453	30.8%	271.5

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

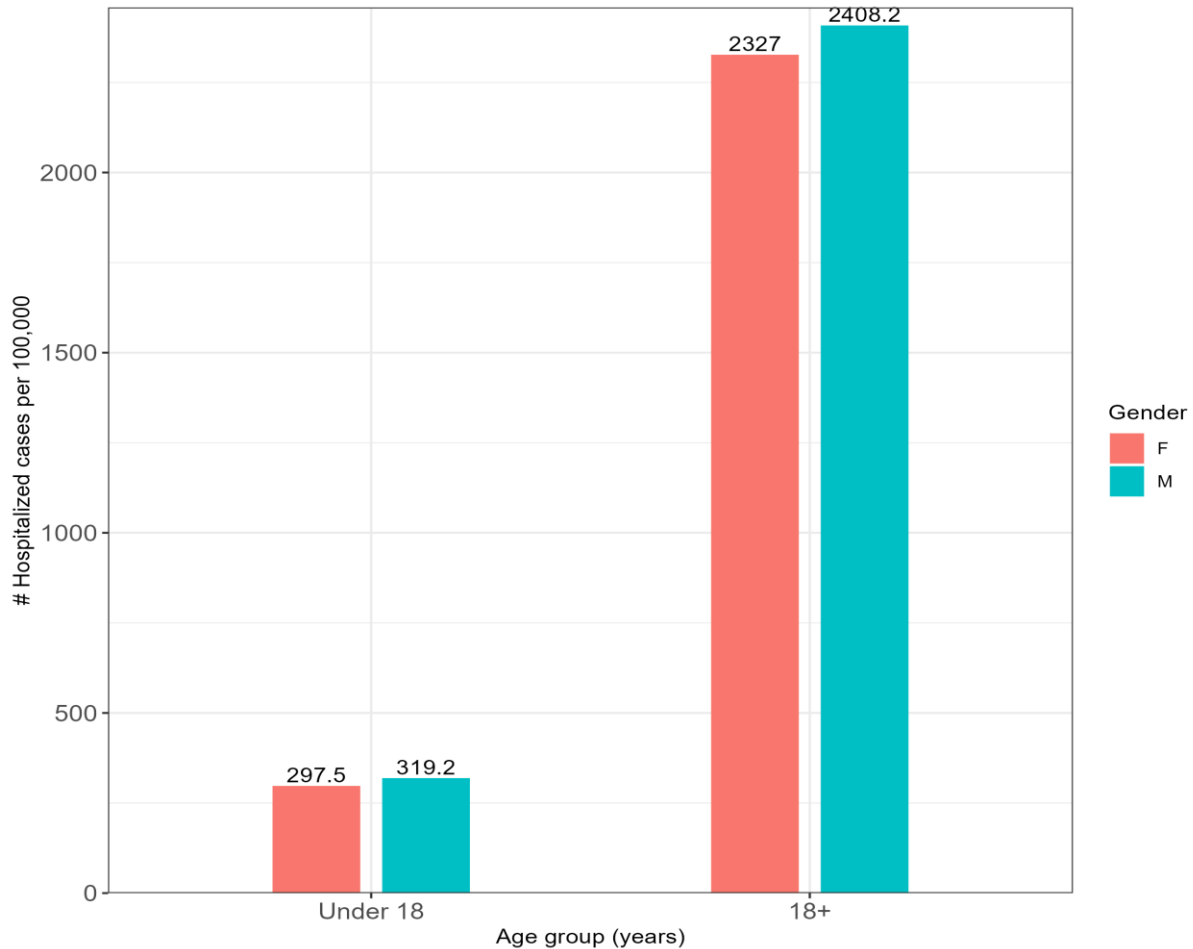| Age group (years)	Number of hospitalizations	Percent of hospitalizations Under 18 years old	Hospitalization rate per 100,000 population
Under 18	1473	3.7%	310
18+	38522	96.3%	2345.9

Hospitalizations per 100,000 population by age each week

Finding: Overall, the hospitalization rates per 100,000 population among the pediatric age groups have remained low. 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

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

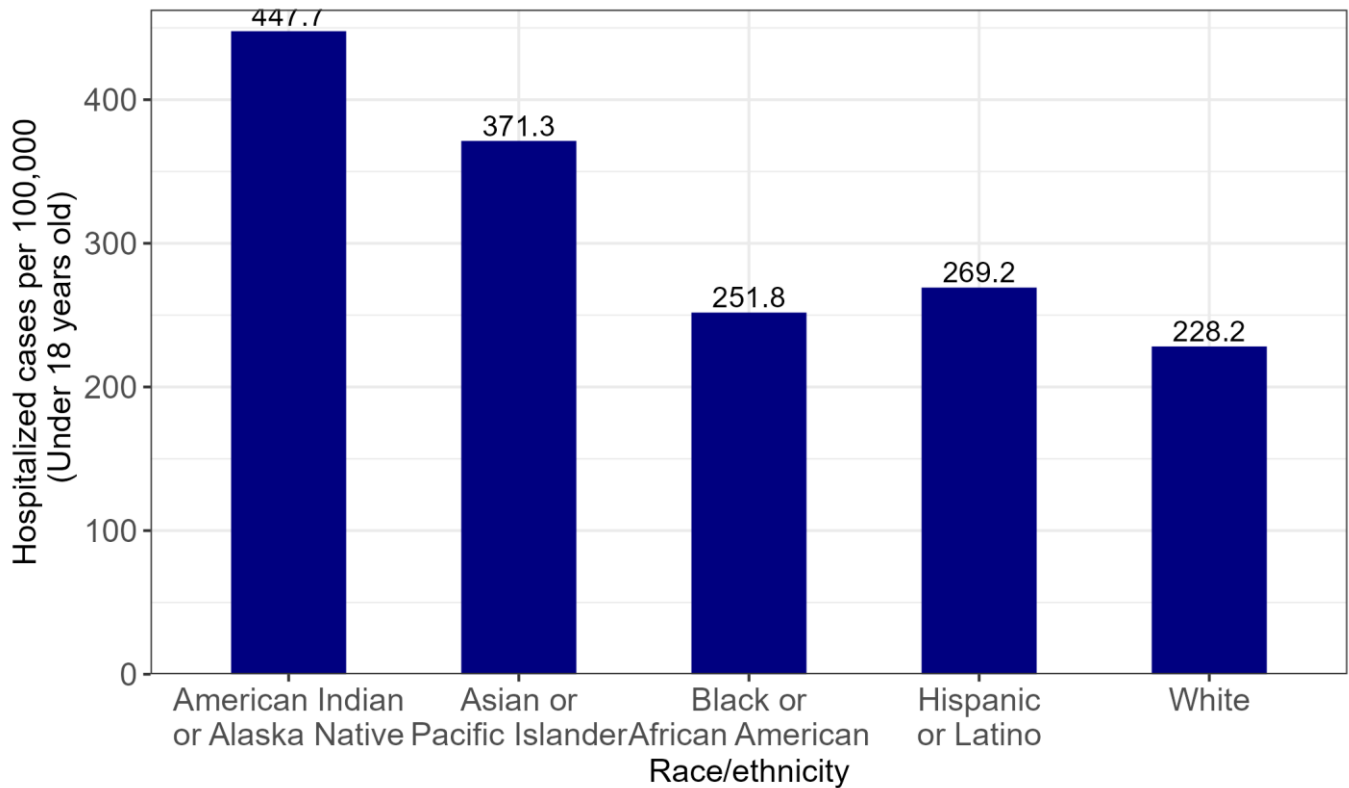## Hospitalization rate per 100,000 population and percentage by sex

Age group (years)	Sex	Number of hospitalizations	Percent of hospitalizations within age group	Hospitalization rate per 100,000
Under 18	Female	697	47.3%	297.5
	Male	776	52.7%	319.2
18+	Female	19264	50.1%	2327
	Male	19204	49.9%	2408.2

Note: **54** cases were excluded due to missing or unknown sex information.

Finding: *The hospitalization rate per 100,000 population is slightly higher for males compared to 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.*

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 **447.7** followed by Asian or Pacific Islanders at **371.3**. However, Hispanic or Latino children make up **56.2%** of the total number of pediatric cases hospitalized, followed by White children, at **19.8%.** 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.*

Note: For Under 18 years age group, only those with complete race/ethnicity data are reported.
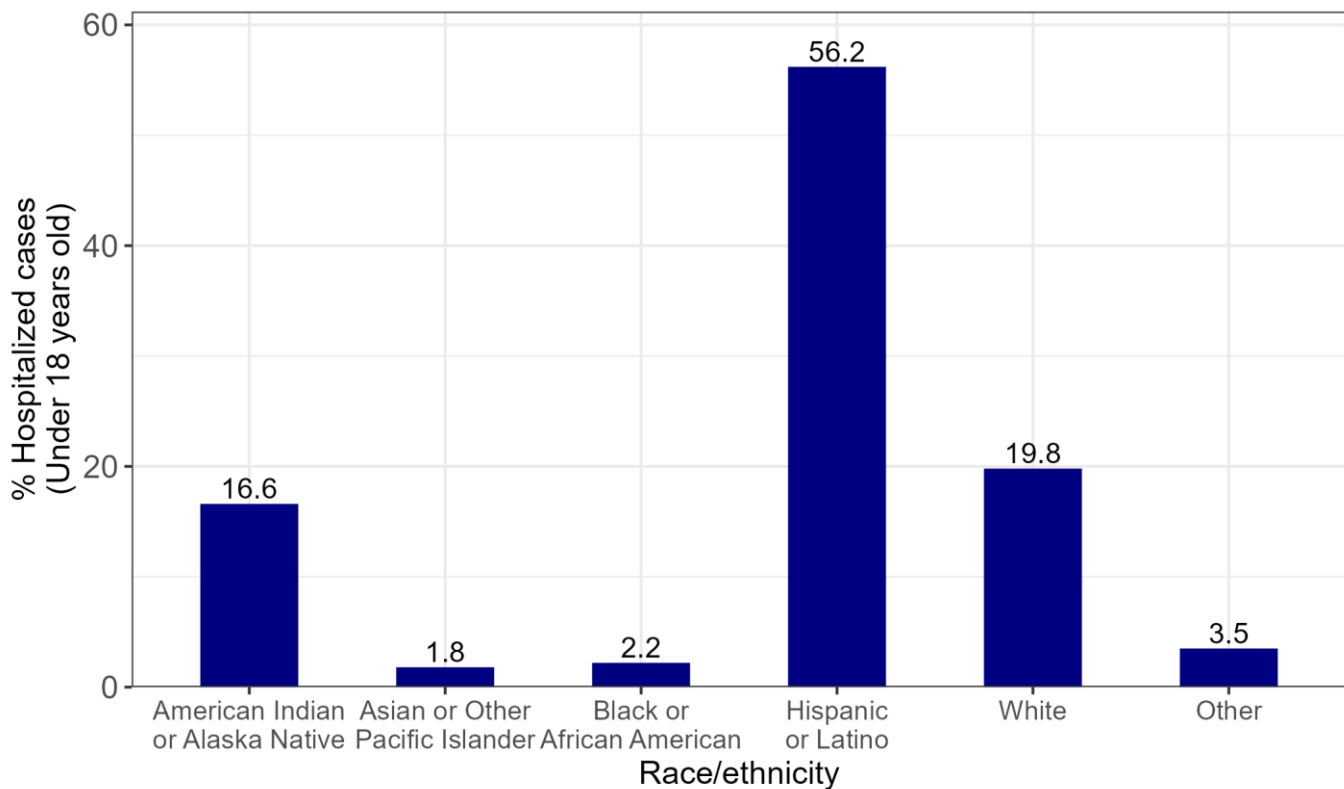
Age group (years)	Race/ethnicity	Number of hospitalizations	Percent of hospitalizations within age group	Hospitalization rate per 100,000 population
Under 18	American Indian or Alaska Native	229	16.6%	447.7
	Asian	25	1.8%	371.3
	Black or African American	30	2.2%	251.8
	Hispanic or Latino	775	56.2%	269.2
	White	273	19.8%	228.2
18+	American Indian or Alaska Native	7726	21%	5532.5
	Asian	390	1.1%	1287.7
	Black or African American	599	1.6%	1676.6
	Hispanic or Latino	15285	41.6%	2043.9
	White	11905	32.4%	1772.1

Notes:

- For Under 18 years age group, only those with complete race/ethnicity data are reported.
- For the "18+" years age group, **1759** had missing race/ethnicity information and were excluded. **858** cases "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.

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.

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.**

- As COVID-19 investigations and data collection have changed, graphics and tables of symptoms will no longer be provided. Please see the report dated October 31, 2022 for the latest symptoms data.

- **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 2020. 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 neither male 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.