



COVID-19 WATCH

Monthly Coronavirus Disease (COVID-19) Surveillance Report
Friday, March 31, 2023

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If you have questions concerning the information in this report, email us at covidreport@clevelandohio.gov

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The purpose of the COVID-19 Watch is to summarize the coronavirus surveillance and vaccine uptake in the City of Cleveland, Ohio. This report uses data available through March 25, 2023. Data on COVID-19 case demographics focus on the last four full weeks prior to publication (January 29 - March 25, 2023).

What Matters Most

1. Cleveland COVID-19 activity decreased during the month of February with an average 7-day incidence rate of 63 new cases per 100,000 residents. This is comparable to state-wide COVID-19 activity during the same time frame which, averaged a 7-day incidence rate of 43 new cases per 100,000 residents. Locally and state-wide, the week-to-week COVID-19 incidence for the past 4 weeks has decreased. With the availability of home tests and lack of self-reporting to the health department, the true incidence is likely higher.

2. As of March 25th, Cuyahoga County continues to have a COVID-19 Community Level of "low". While COVID-19 continues to circulate in the community fewer people are experiencing severe illness or require hospitalization. At a low Community Level, CDC recommends that residents stay up-to-date with COVID-19 vaccines, including recommended booster doses.

3. 466 residents received their first COVID-19 vaccine during the month of March. As of March 28th, 57.9% of Cleveland residents have received any dose of a COVID-19 vaccine, 50.8% have completed their primary vaccination series, and 26.2% have received a booster dose. Appointments for adults and children can be made visiting gettheshot.coronavirus.gov.

4. March 11th marked the three-year anniversary of the World Health Organization declaring the COVID-19 outbreak a pandemic. Since then measures for COVID-19 prevention, treatment, and vaccination have evolved rapidly and currently the majority of US counties have a low COVID-19 Community Level. With the acute phase of the pandemic coming to an end, health experts anticipate shifting COVID-19 efforts to understand and treat long COVID.



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COVID-19 Summary*

102,792

Total Cases

6,057

Total Hospitalizations

1,071

Total Deaths***

COVID-19 in Previous 4 Weeks

972

Cases in Previous 4 Weeks

56

Hospitalizations in Previous 4 Weeks

Vaccine Summary (Total Counts & Percentage of Clevelanders)**

Total

222,040

58%

Completed

194,851

51%

Boosted

100,671

26%

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* Figures represent the total number of cases, hospitalizations and deaths in the City of Cleveland since February 15, 2020.

** Vaccine data were exported from the DataOhio Portal on March 28, 2023. The vaccine summary includes vaccinations administered to Cleveland residents by any supplier.

Completed: The number/percentage listed is the individuals who have completed a COVID-19 vaccine primary series. This includes one dose of a single-dose vaccine (Janssen) or all required doses in a primary series (Pfizer, Moderna, Novavax).

Boosted: The number/percentage listed are those who have received either an additional dose in their primary series or an updated bivalent booster dose of a COVID-19mRNA vaccine on or after Sept. 1, 2022

*** Final cause of death can take weeks to determine. The number of deaths in previous weeks are subject to change as more information becomes available from Ohio Department of Health.

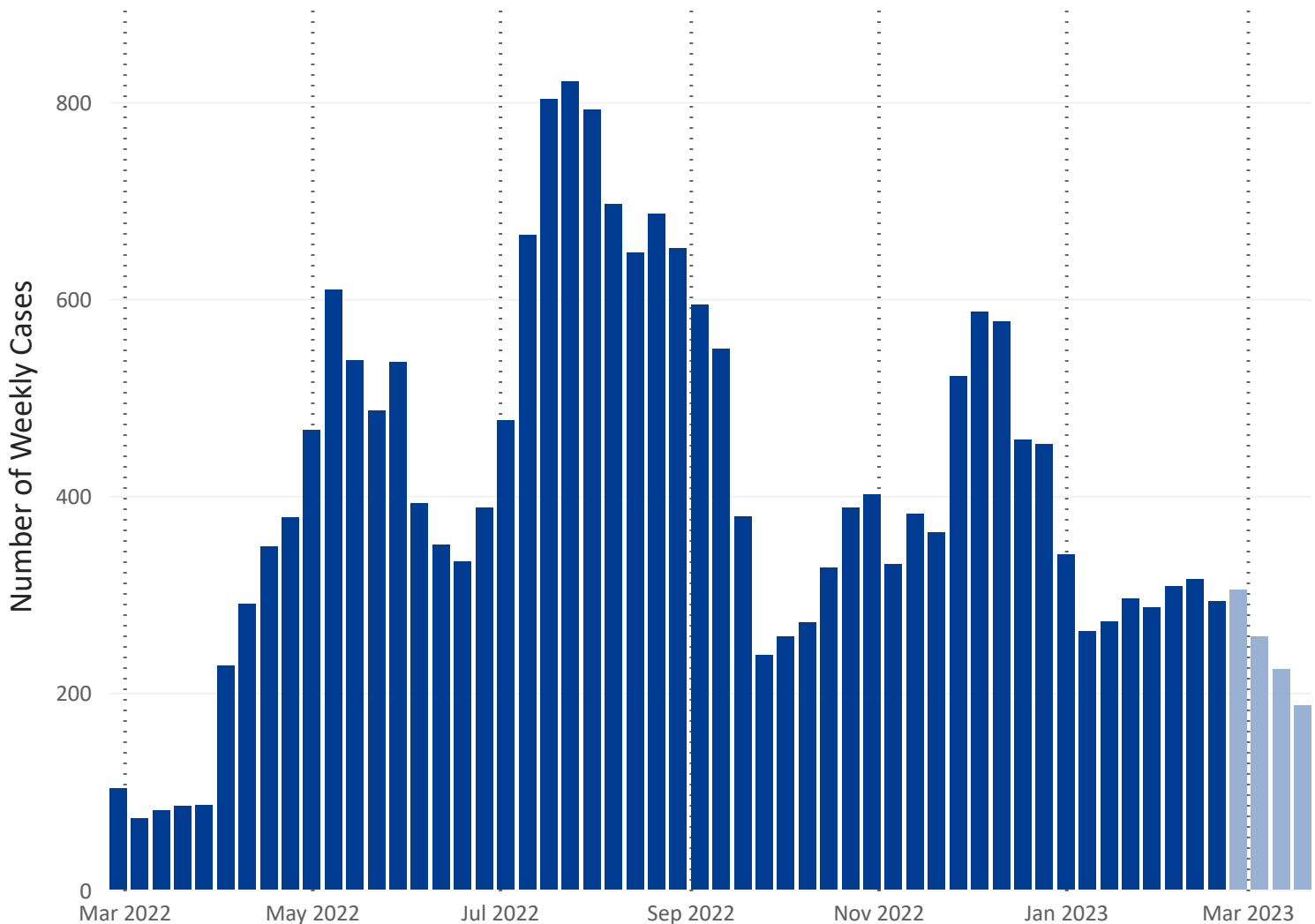


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Cases by Week of Test Date

Figure 1. City of Cleveland COVID-19 Total Cases by Test Month (Feb 27, 2022 - Mar 25, 2023) (based on 102,791 cases)



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Note: If test date is unknown, the earliest known date associated with a case is used. Ongoing data cleaning processes and delays in reporting will fluctuate the total number of cases from the previous reports.



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Cases by Age Group

Figure 2. City of Cleveland COVID-19 Cases by Age (Feb 26, 2023 - Mar 25, 2023) (based on 972 cases)

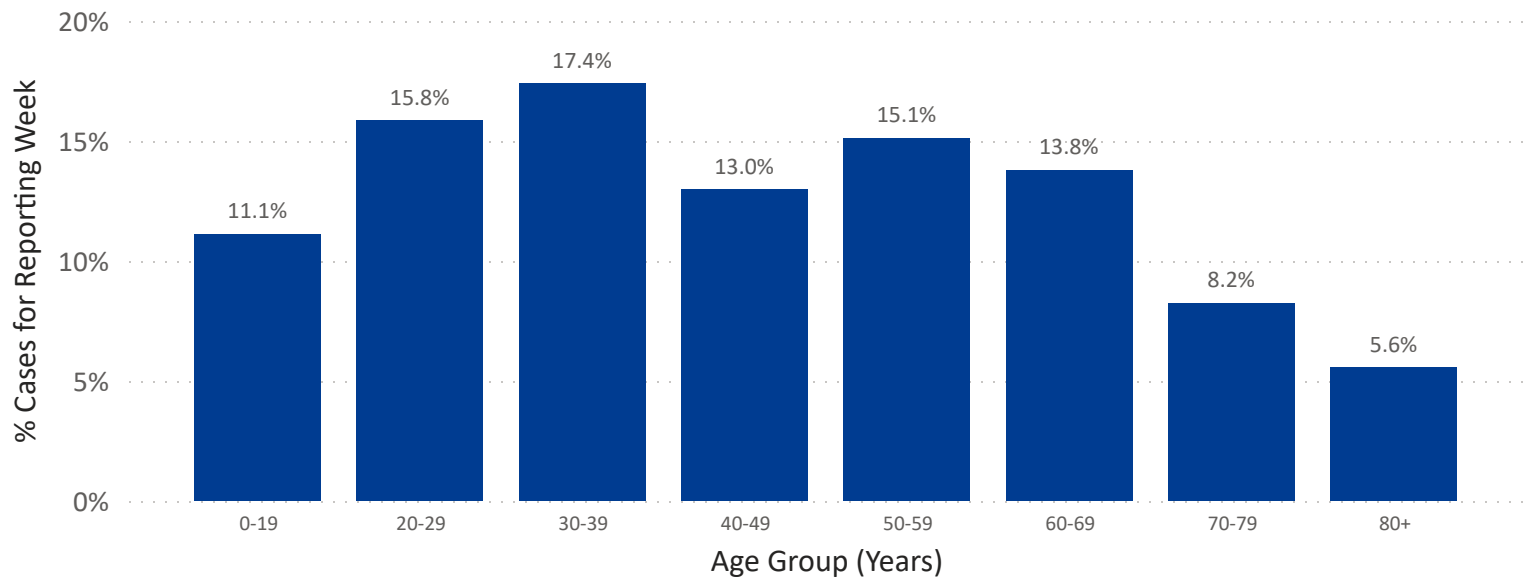
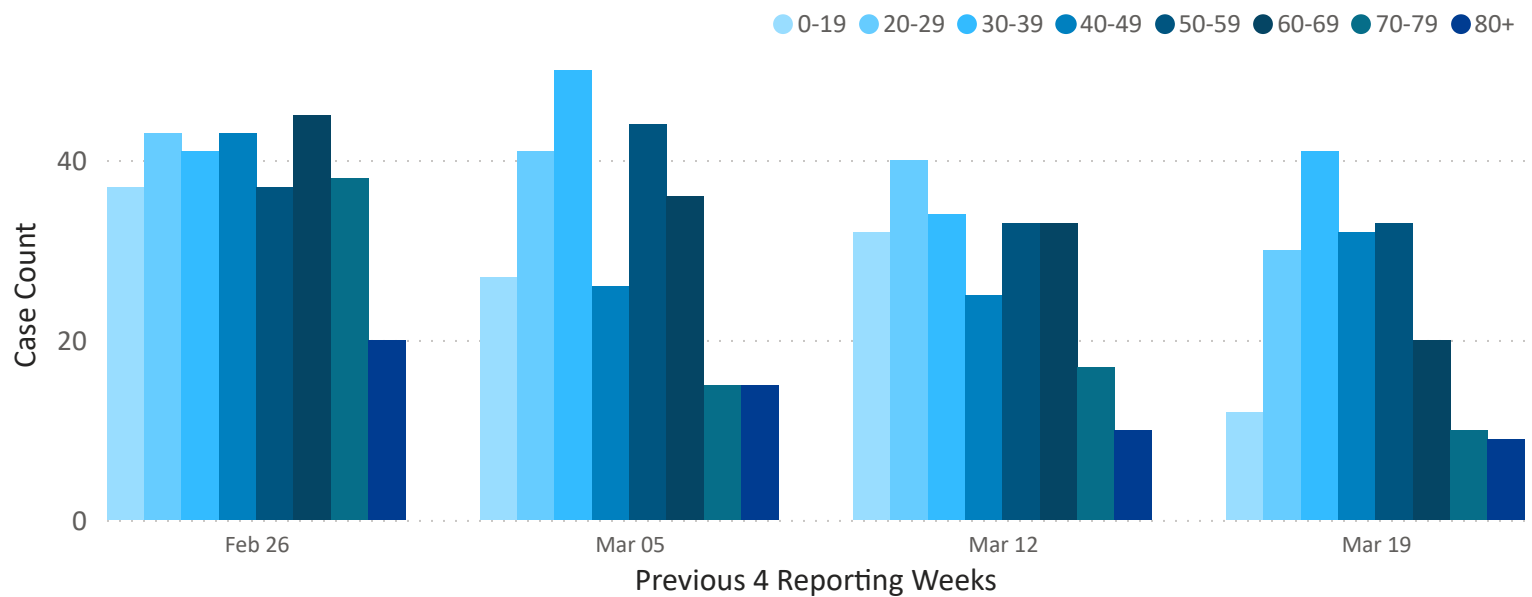


Figure 3. COVID-19 Cases in City of Cleveland by Age (Feb 26, 2023 - Mar 25, 2023) (based on 972 cases)



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Cases by Gender

Figure 4. City of Cleveland COVID-19 Cases by Gender (Feb 26, 2023 - Mar 25, 2023) (based on 970 cases)

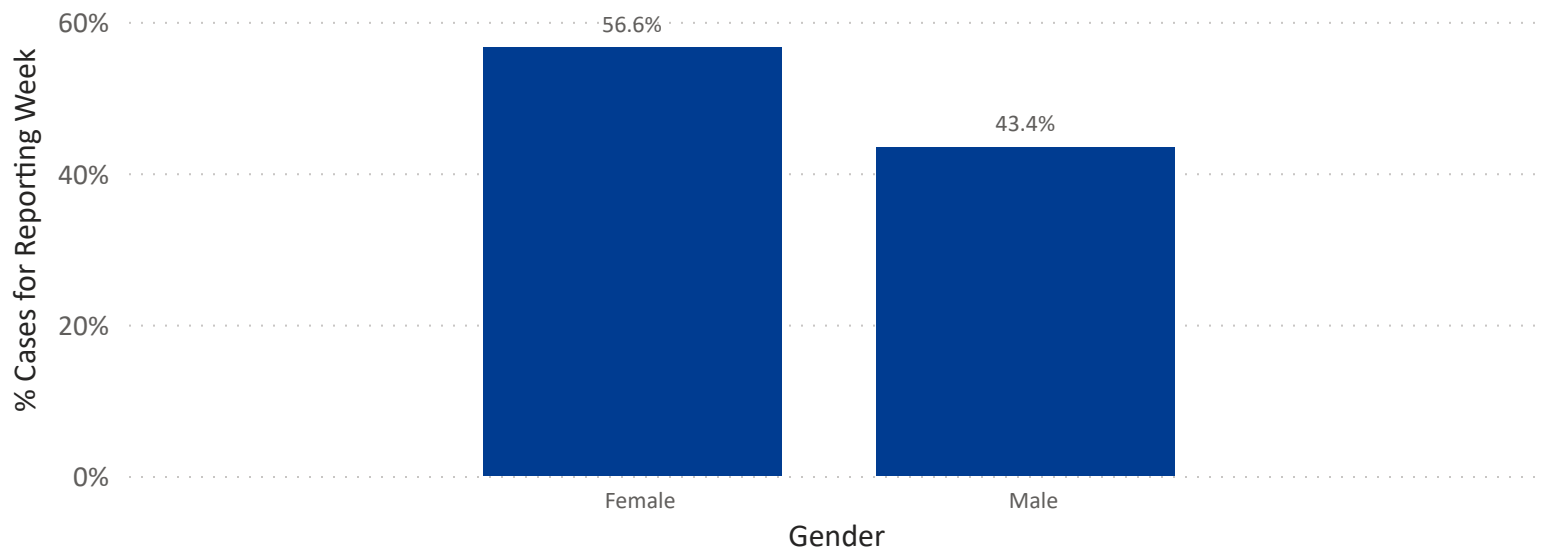
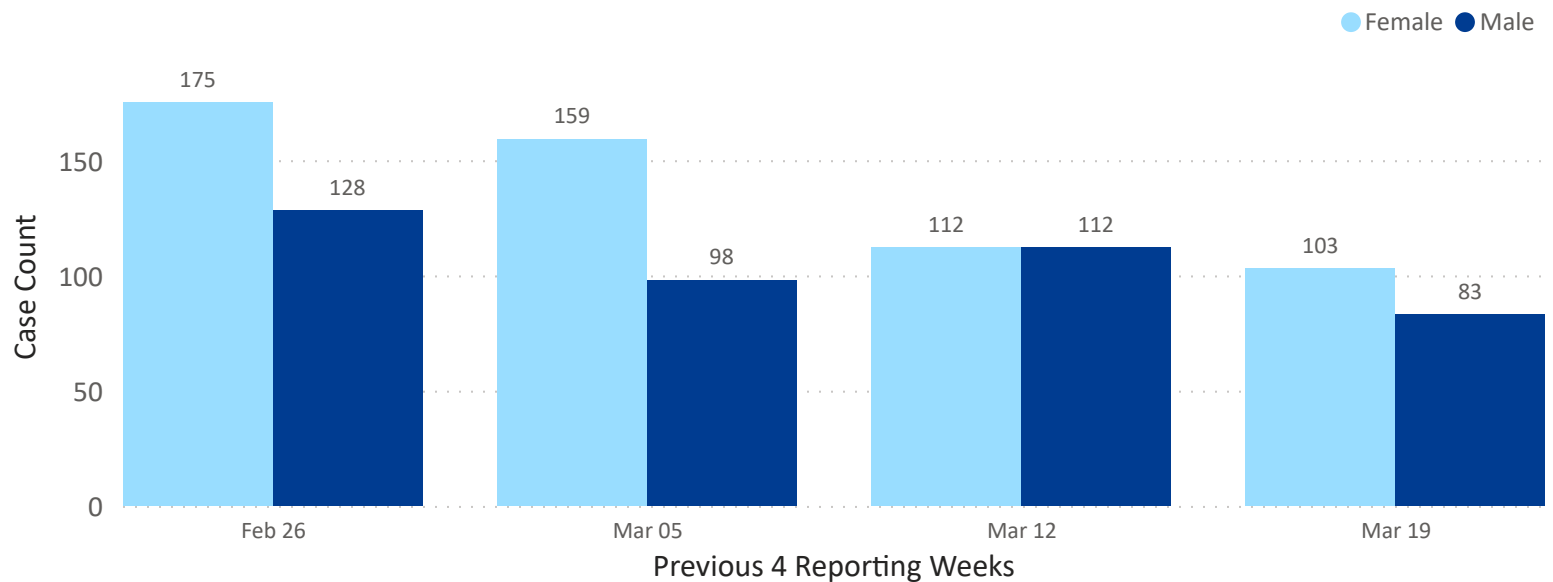


Figure 5. COVID-19 Cases in City of Cleveland by Gender (Feb 26, 2023 - Mar 25, 2023) (based on 970 cases)





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Cases by Race

Figure 6. City of Cleveland COVID-19 Cases by Race (Feb 26, 2023 - Mar 25, 2023) (based on 919 cases)

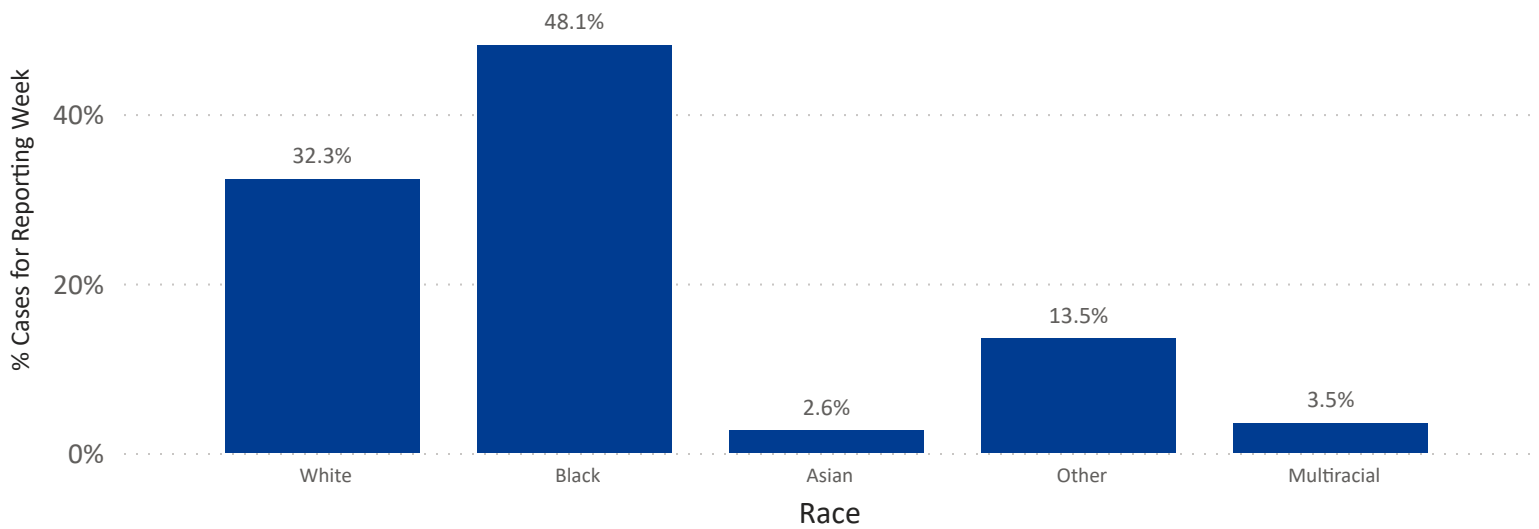
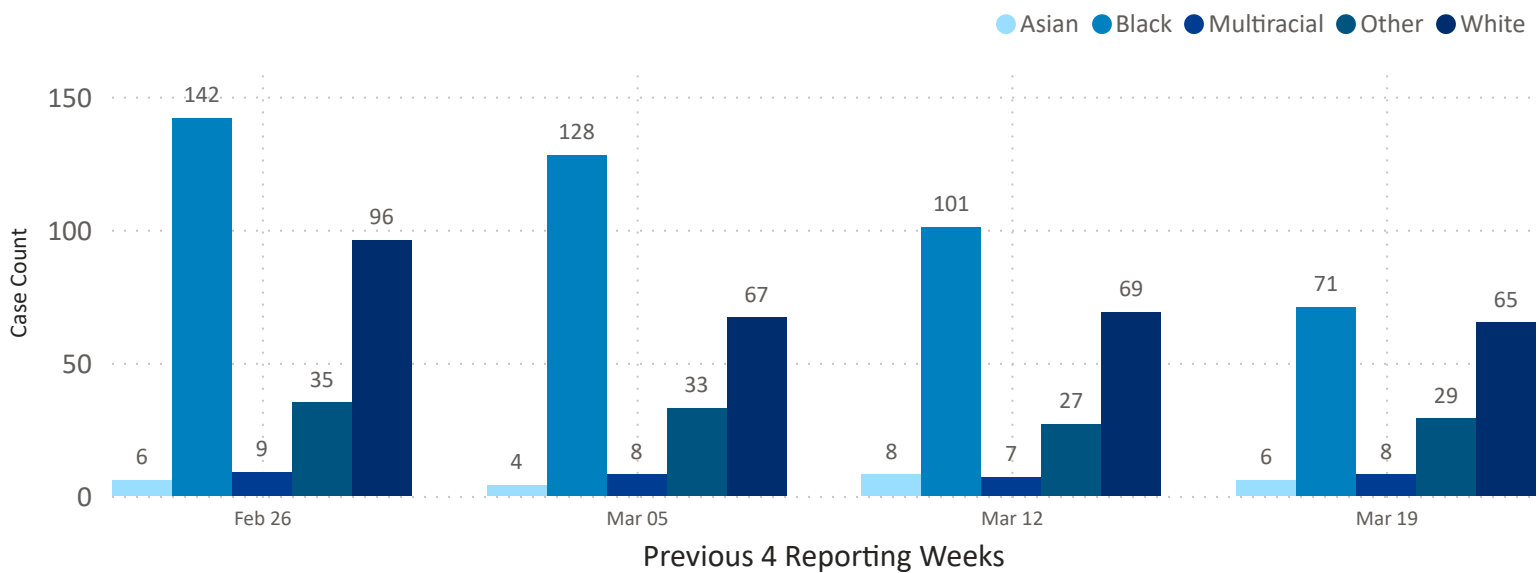


Figure 7. COVID-19 Cases in City of Cleveland by Race (Feb 26, 2023 - Mar 25, 2023) (based on 919 cases)





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Cases by Ethnicity

Figure 8. City of Cleveland COVID-19 Cases by Ethnicity (Feb 26, 2023 - Mar 25, 2023) (based on 972 cases)

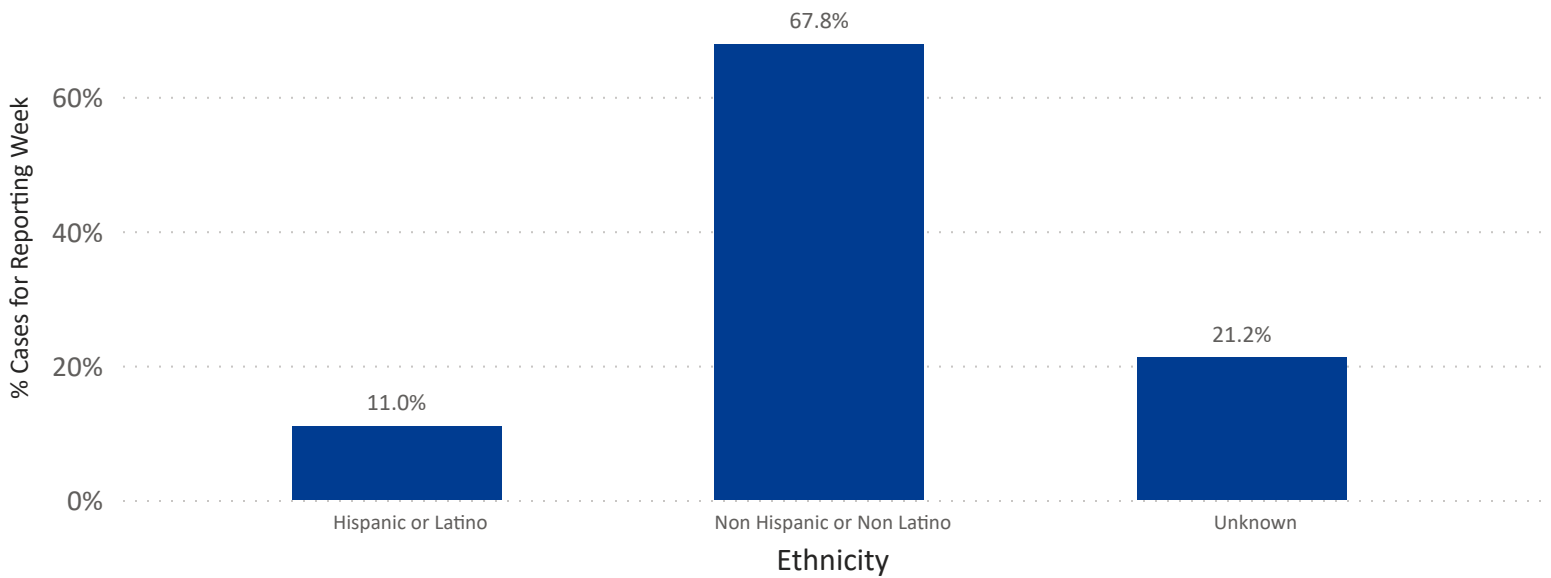
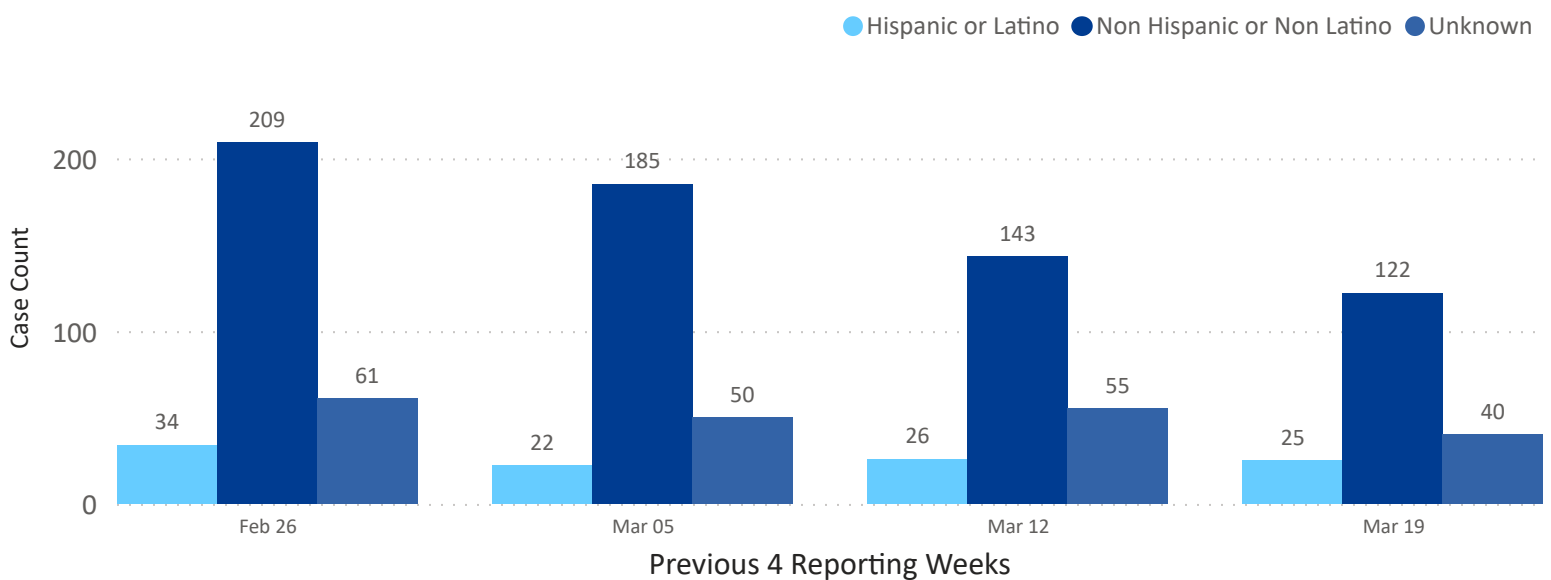


Figure 9. COVID-19 Cases in City of Cleveland by Ethnicity (Feb 26, 2023 - Mar 25, 2023) (based on 972 cases)





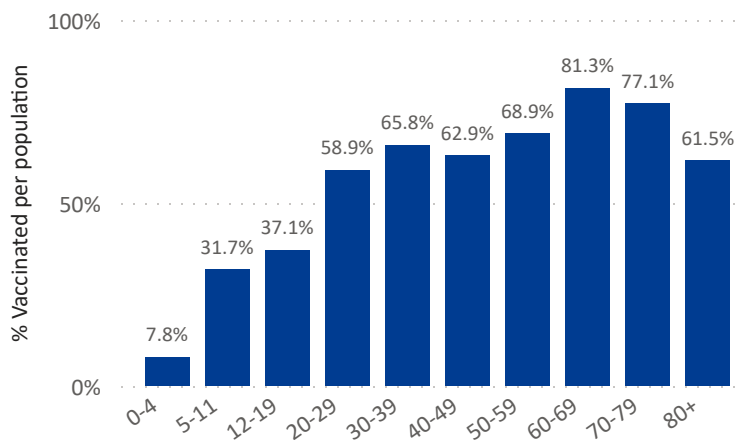
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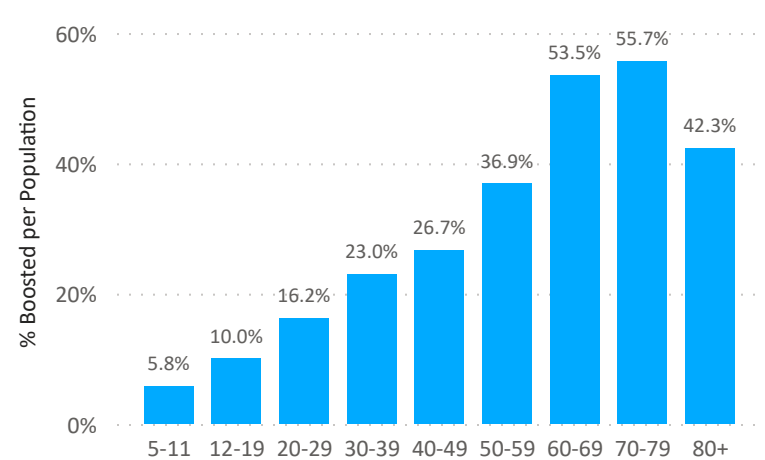
Vaccinations through March 28th, 2023 by Demographic

Age Groups

% of Cleveland Residents Vaccinated per Age Group

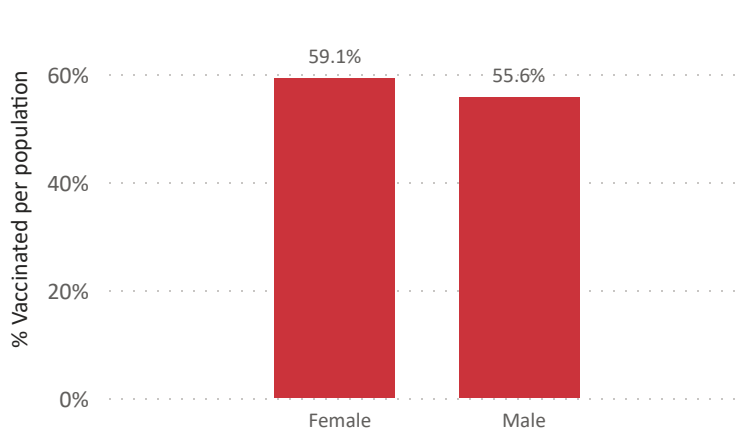


% of Cleveland Residents Boosted by Age Group

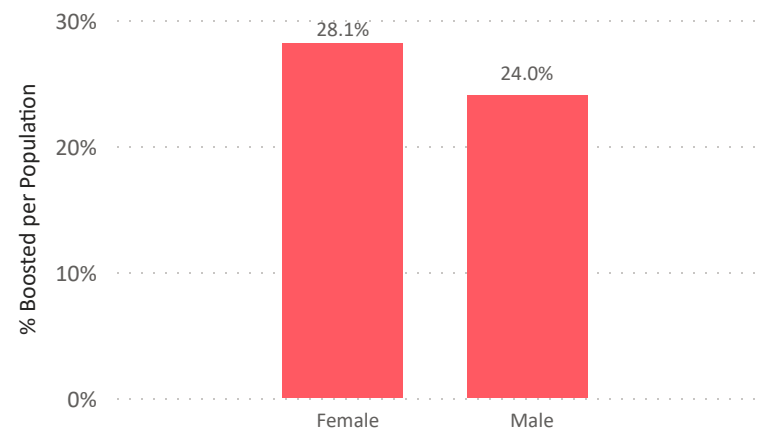


Sex

% of Cleveland Residents Vaccinated per Sex



% of Cleveland Residents Boosted per Sex



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The total Cleveland population of 383,331 along with the age, race, sex, and ethnicity data are estimates reported by the US Census Bureau 2020. There are no estimates for "Unknown" or "Other" sex and age groups, so percent of population cannot be calculated for these groups. Data for % Vaccinated out of total population graphs can be read, for example, "77.1 % of the 70-79 year old population in Cleveland have received at least one dose of the COVID-19 vaccine". Sex graphs does not include 1,899 "unknown" and 65 "other".



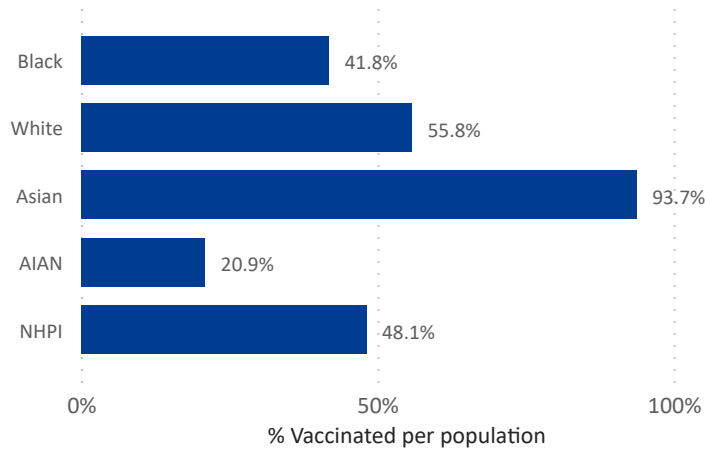
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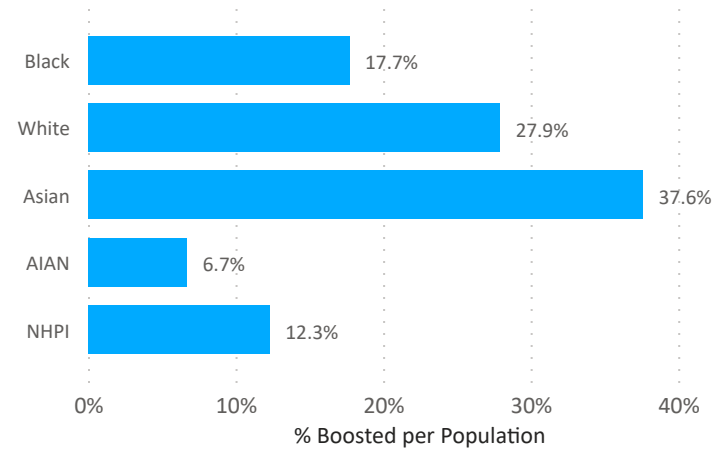
Vaccinations through March 28th, 2023 by Demographic

Race

% of Cleveland Residents Vaccinated per Race Population

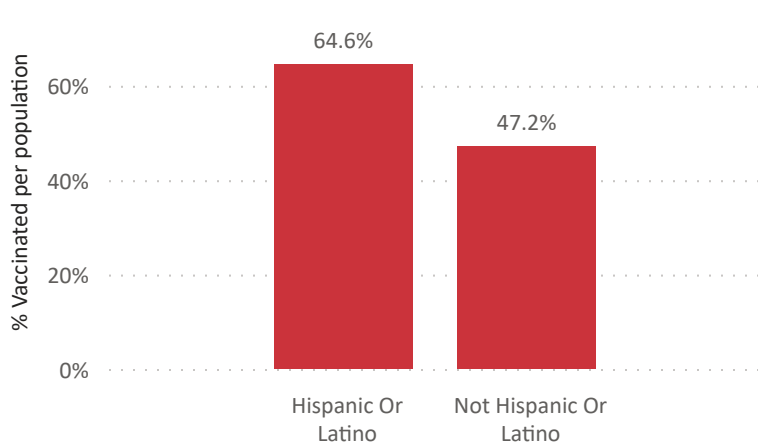


% of Cleveland Residents Boosted per Race Population

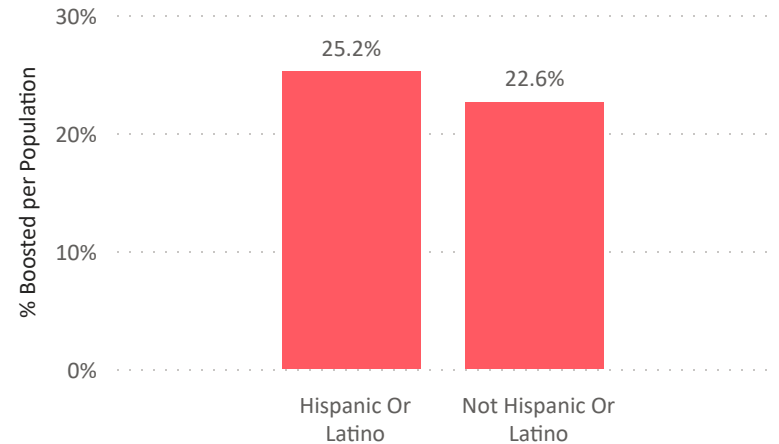


Ethnicity

% of Cleveland Residents Vaccinated per Ethnicity



% of Cleveland Residents Boosted per Ethnicity



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The total Cleveland population of 383,331 along with the age, race, sex, and ethnicity data are estimates reported by the US Census Bureau 2020. There are no population estimates for "Unknown" and "Other" race and ethnicity categories, so % population cannot be calculated for these groups. AIAN = American Indian/Alaska Native; NHPI = Native Hawaiian/Pacific Islander. Other race does not include two or more races. Race graph does not include 6,806 unknown race.



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Hospitalization by Admission Date

Figure 10. City of Cleveland COVID-19 Hospitalizations by Reporting Week (Feb 27, 2022 - Mar 25, 2023) (based on 980 cases)

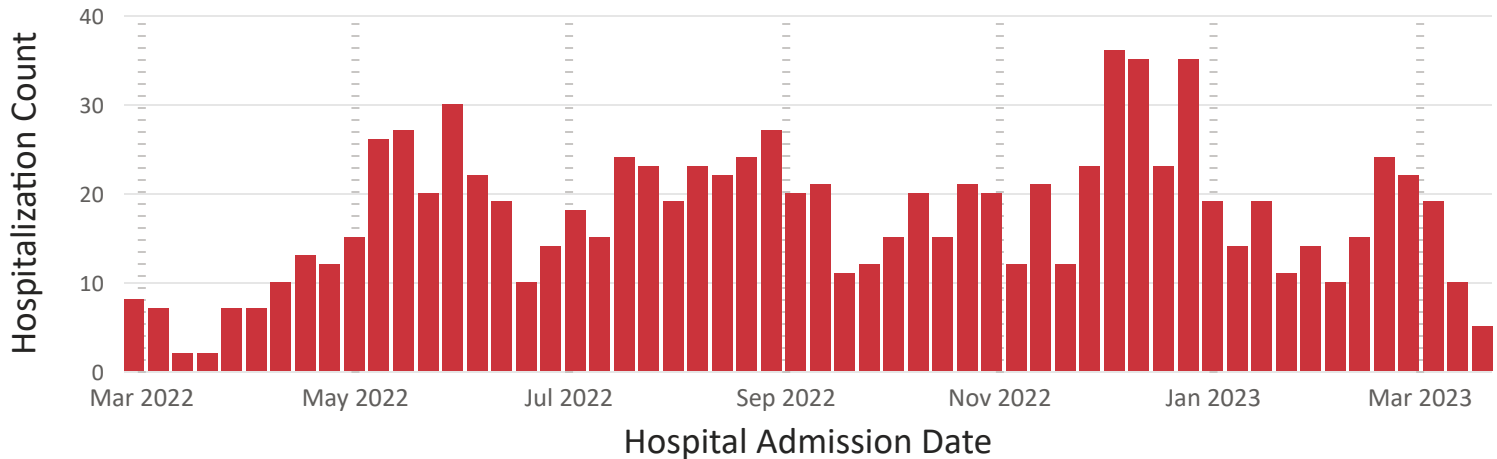
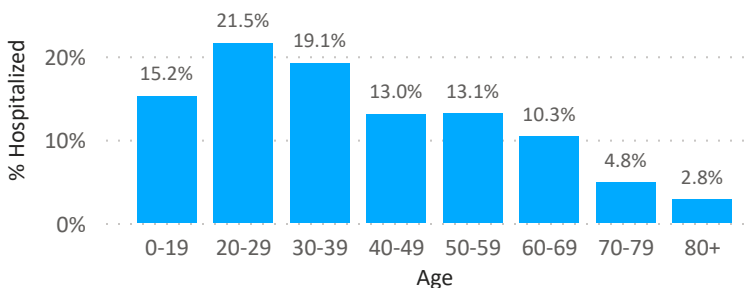


Figure 11. City of Cleveland COVID-19 Hospitalizations by Demographics (Feb 15, 2020 - Mar 25, 2023) (based on 6,057 cases)

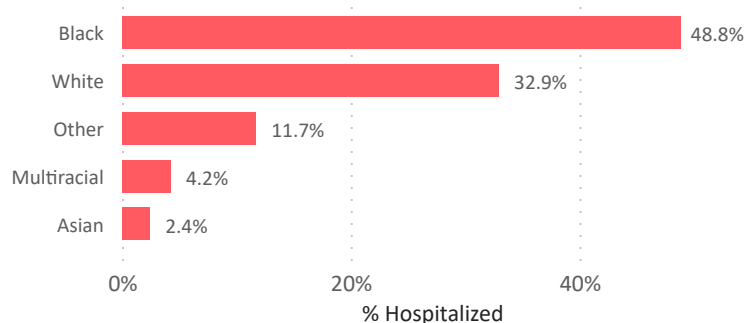
By Age



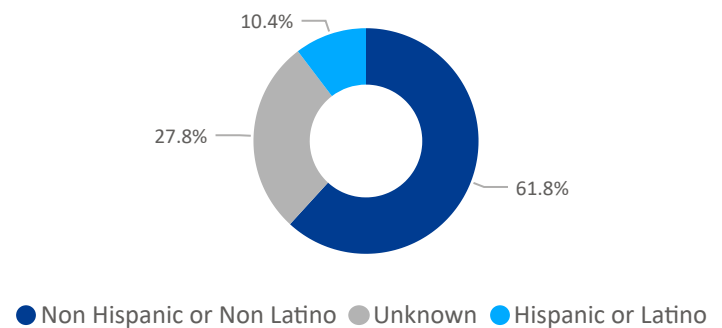
By Gender



By Race



By Ethnicity



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* As of February 12, 2021, hospitalization counts are shown in the present report by hospital admission date. Prior to this date, they had been shown by test date.

* Hospitalization data is preliminary and will be updated in subsequent weeks due to reporting delays.

* **By Race** graph does not include 53 cases with unknown races.



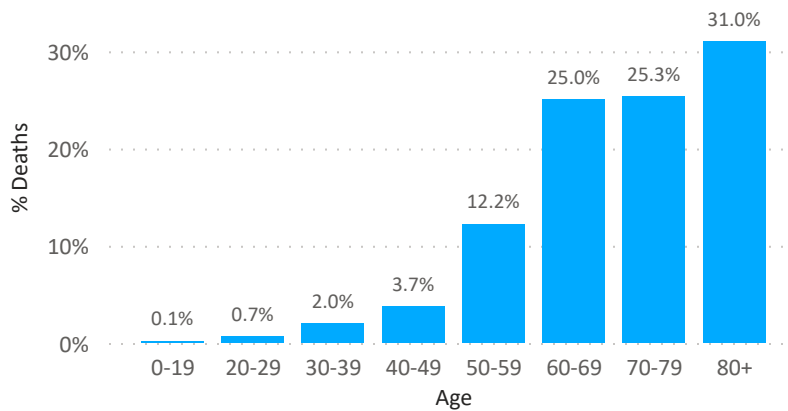
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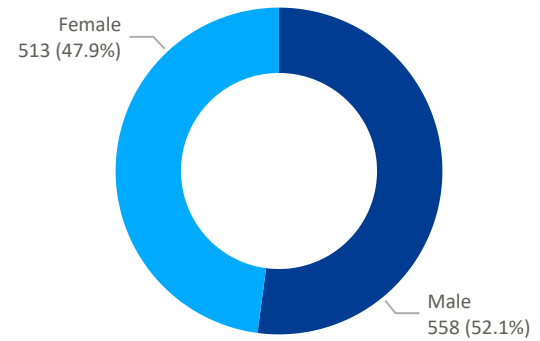
Total Deaths

Figure 12. City of Cleveland COVID-19 Deaths by Demographics (Feb 15, 2020 - Mar 25, 2023) (based on 1,071 cases)

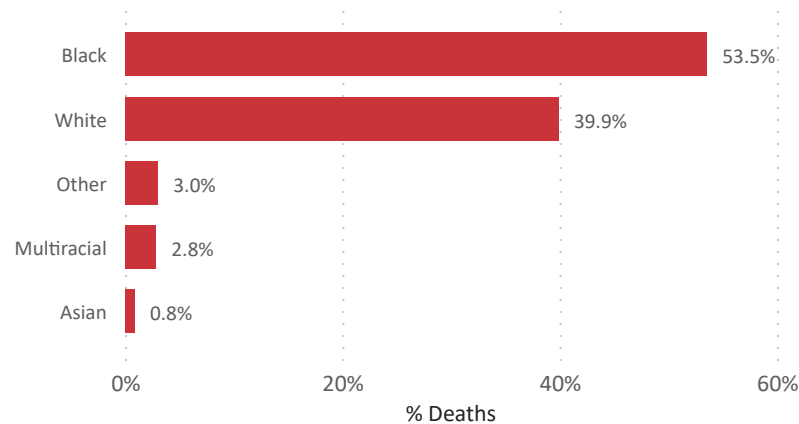
By Age



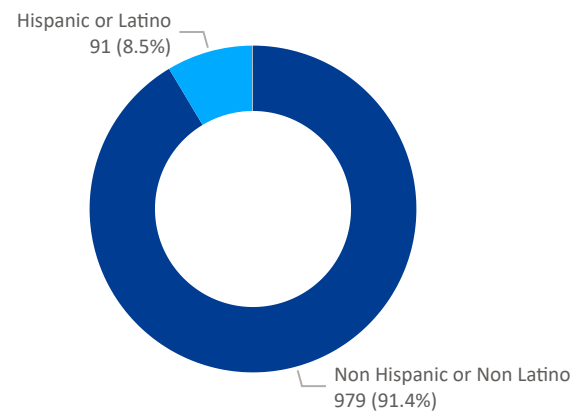
By Gender



By Race



By Ethnicity



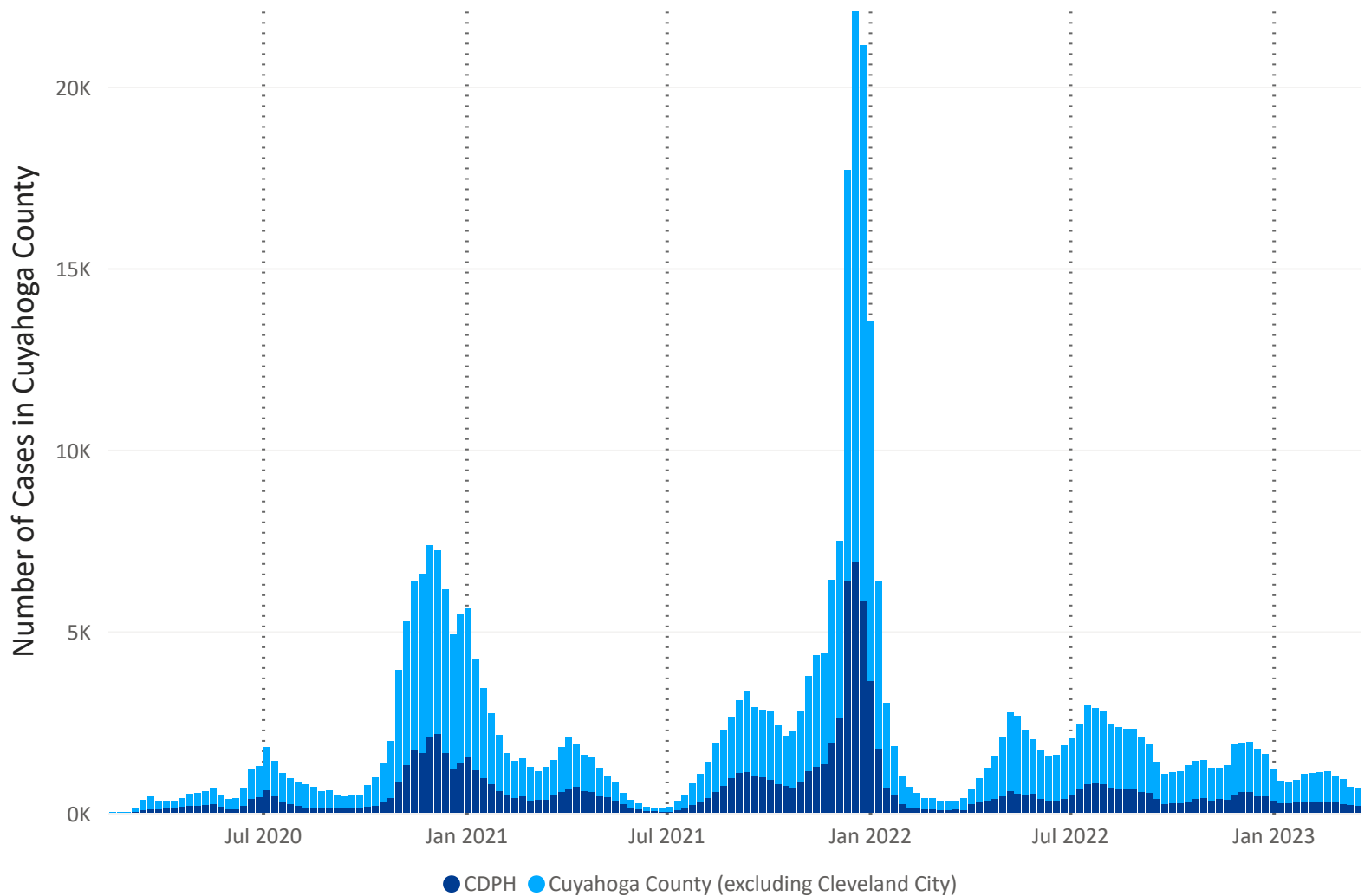


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City vs. County Comparisons—Total Number of Cases

Figure 13. Comparison of Total Number of Cases Between the City of Cleveland & Cuyahoga County, Reported Weekly (Feb 15, 2020 - Mar 25, 2023)



102,792

Total Cases in Cleveland City

354,479

Total Cases in Cuyahoga County

29.0%

of Cuyahoga County Cases in
Cleveland City

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Note: According to the US Census Bureau, City of Cleveland residents represent 31% of the Cuyahoga County population.

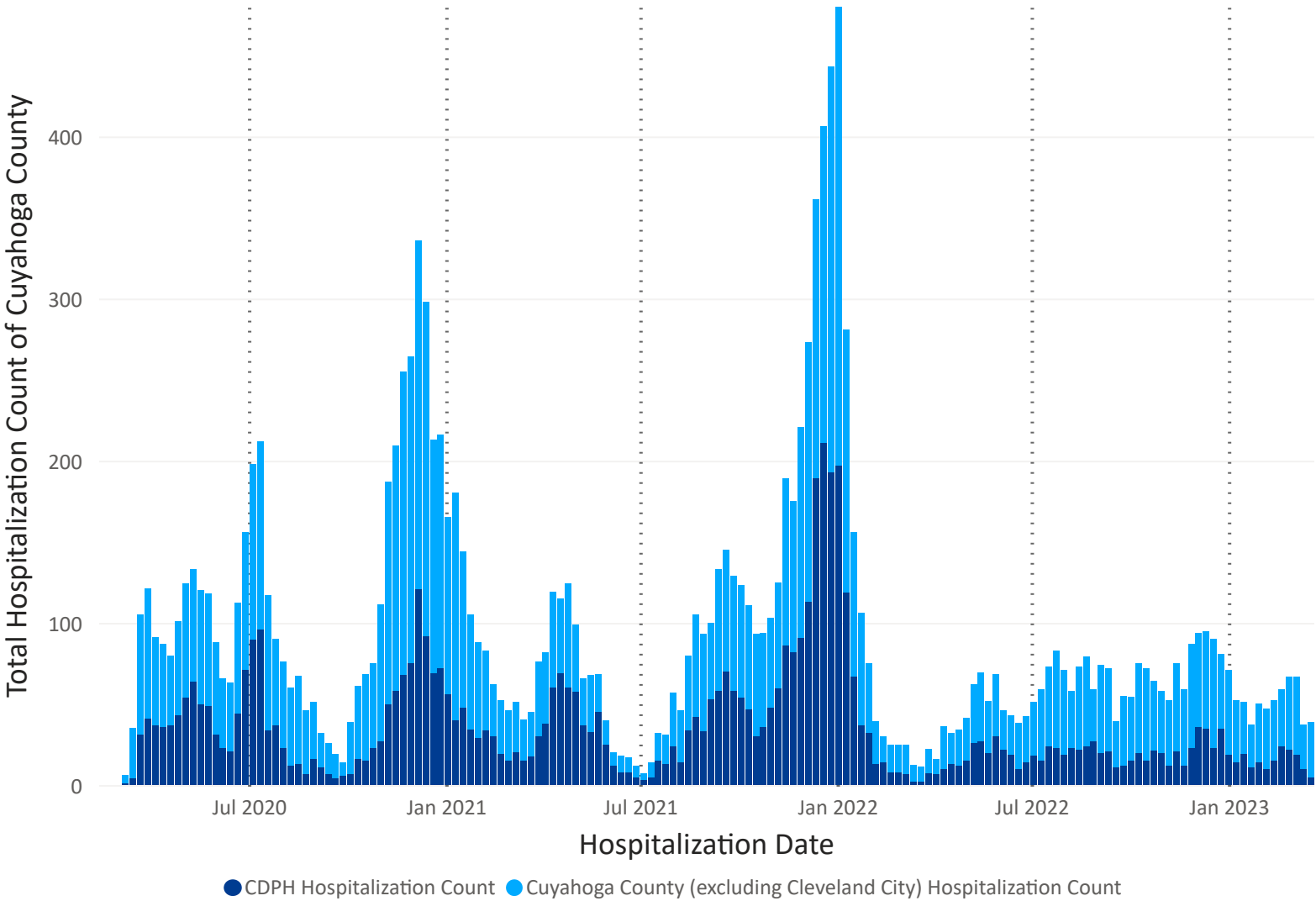


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City vs. County Comparisons—Hospitalization Count

Figure 14. Comparison of Hospitalization Counts Between the City of Cleveland & Cuyahoga County, Reported Weekly (Feb 15, 2020 - Mar 25, 2023)



6,057

Total Hospitalizations in Cleveland City

15,814

Total Hospitalizations in Cuyahoga County

28.5%

of Cuyahoga County Hospitalizations
in Cleveland City

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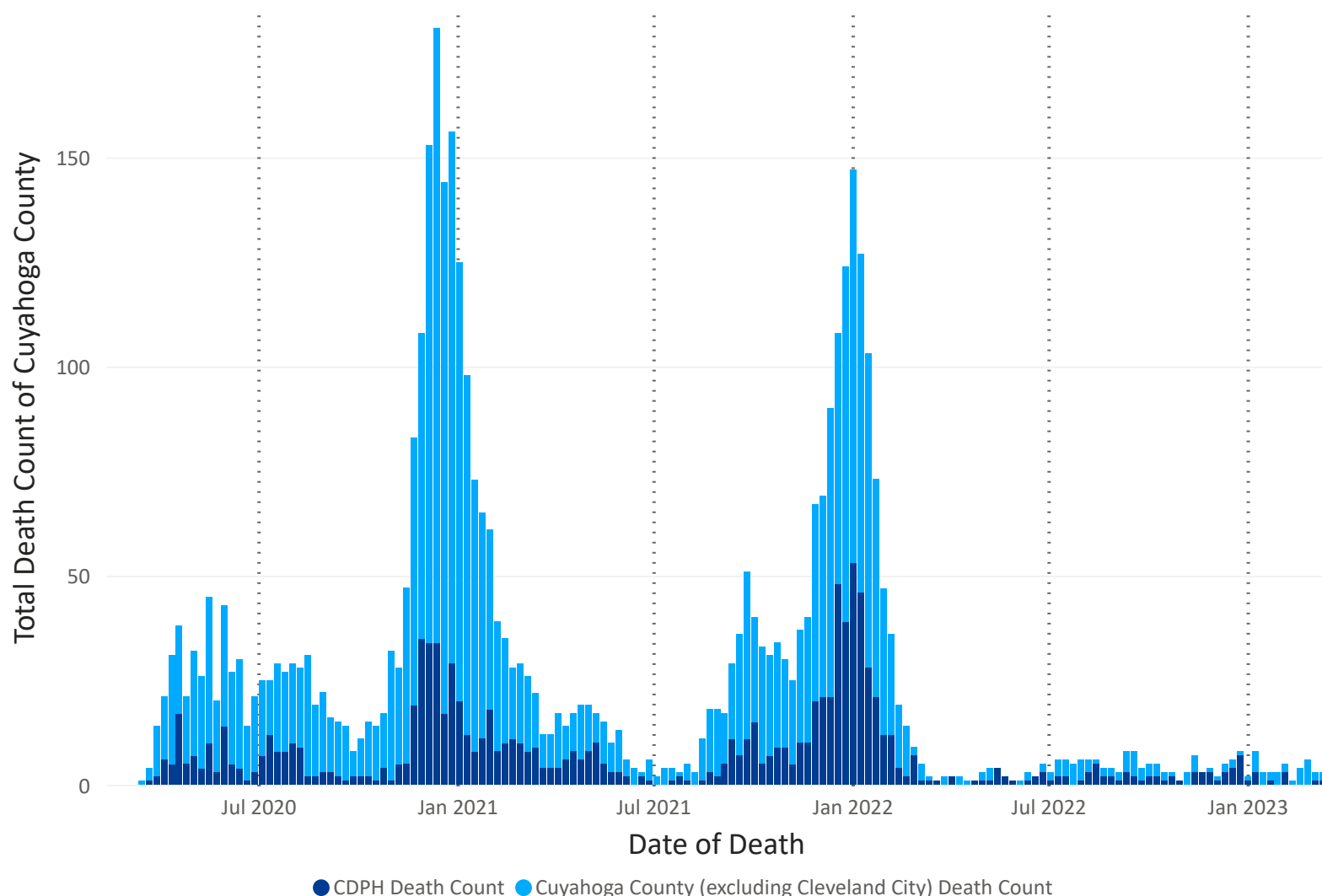


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City vs. County Comparisons—Deaths

Figure 15. Comparison of Death Counts Between the City of Cleveland & Cuyahoga County, Reported Weekly (Feb 15, 2020 - Mar 25, 2023)





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Disclaimers

MetaData

The Cuyahoga County numbers are approximate and have been populated using the DataOhio Portal.

This data report reflects the period starting from February 15, 2020 through March 25, 2023 for the City of Cleveland, Ohio.

Total Cases represent confirmed and probable cases.

Cleveland City data and Cuyahoga County data are compiled on March 28, 2023 using the DataOhio Portal.

Population and demographic data are from the US Census Bureau's 2020 estimates.

Data is preliminary and subject to change.

There may be a delay in reporting.

Data is reported by test date. If test date is unknown, the date a case is reported to Ohio Department of Health is used as a substitute for the test date. The number of cases can vary based on dates used for analysis.

Primary Source: Cleveland Department of Public Health

Organization: Cleveland Department of Public Health

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