COVID-19 WATCH

Monthly Coronavirus Disease (COVID-19) Surveillance Report
Friday, April 28, 2023

CITY OF CLEVELAND
Mayor Justin M. Bibb

cdph
Cleveland Department of Public Health

Report Contents

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

Cleveland Department of Public Health
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Cleveland, Ohio 44114
Office: 216-420-7743
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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 April 22, 2023. Data on COVID-19 case demographics focus on the last four full weeks prior to publication (March 26 - April 22, 2023).

What Matters Most

1. Cleveland COVID-19 activity decreased during the month of April with an average 7-day incidence rate of 39 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 19 new cases per 100,000 residents. As of April 22nd, all Ohio counties 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.

2. 353 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, 50.9% have completed their primary vaccination series, and 26.4% have received a booster dose. Appointments for adults and children can be made visiting gettheshot.coronavirus.gov.

3. The World Health Organization has elevated the Omicron subvariant XBB.1.16 as a variant of interest. This variant is responsible for an increasing percentage of new cases within our region. Like other Omicron subvariants it does not appear to be causing more severe illness than previous strains.

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COVID-19 Summary*

103,432	6,099	1,071
Total Cases	Total Hospitalizations	Total Deaths***

COVID-19 in Previous 4 Weeks

594	35
Cases in Previous 4 Weeks	Hospitalizations in Previous 4 Weeks

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

	Total Counts	Percentage
Total	222,393	58%
Completed	195,123	51%
Boosted	101,048	27%

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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 April 25, 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 (Jannsen) 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.
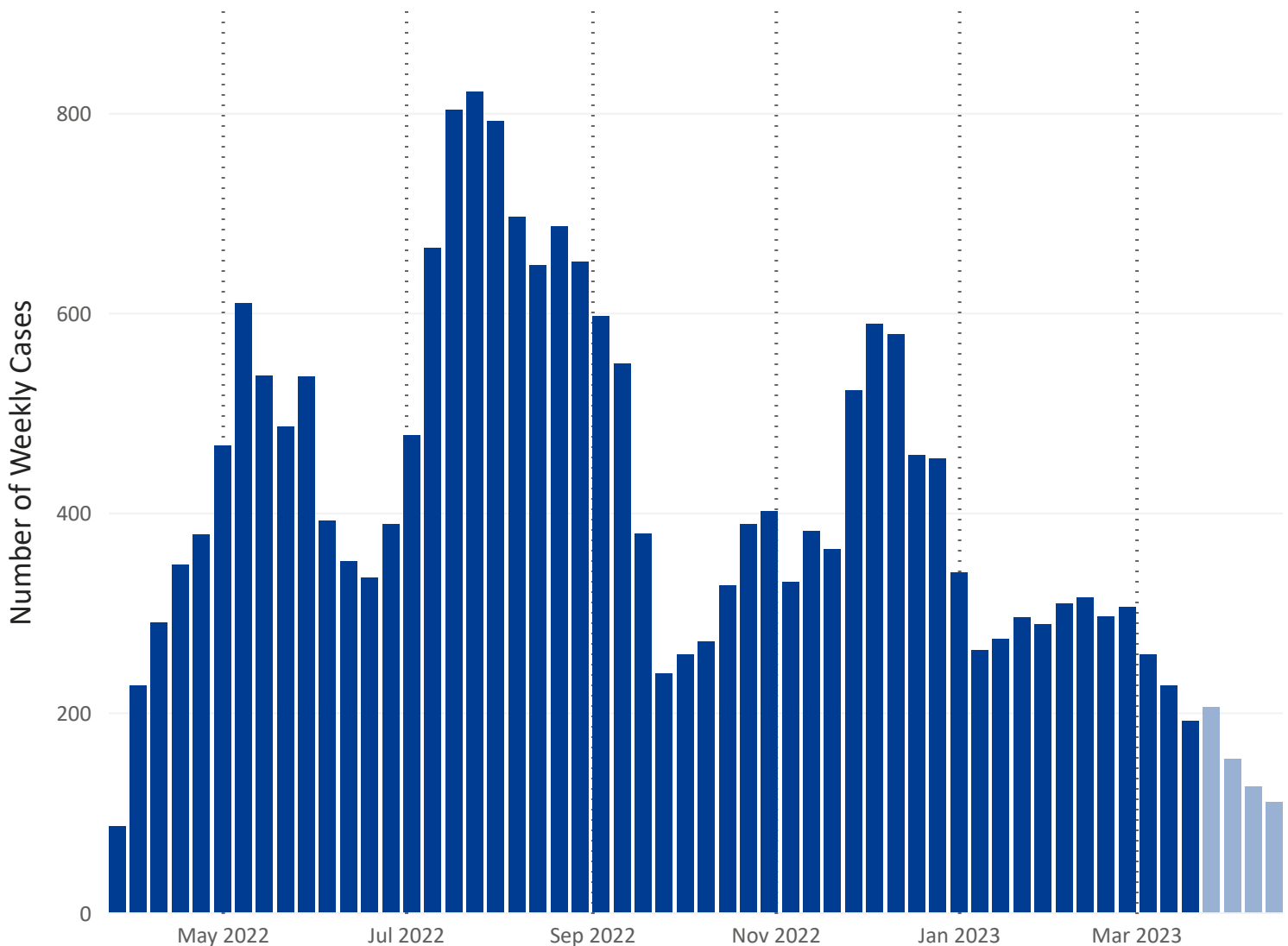
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Cases by Week of Test Date

Figure 1. City of Cleveland COVID-19 Total Cases by Test Week (Mar 27, 2022 - Apr 22, 2023) (based on 103,431 cases)

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 (Mar 26, 2023 - Apr 22, 2023) (based on 592 cases)
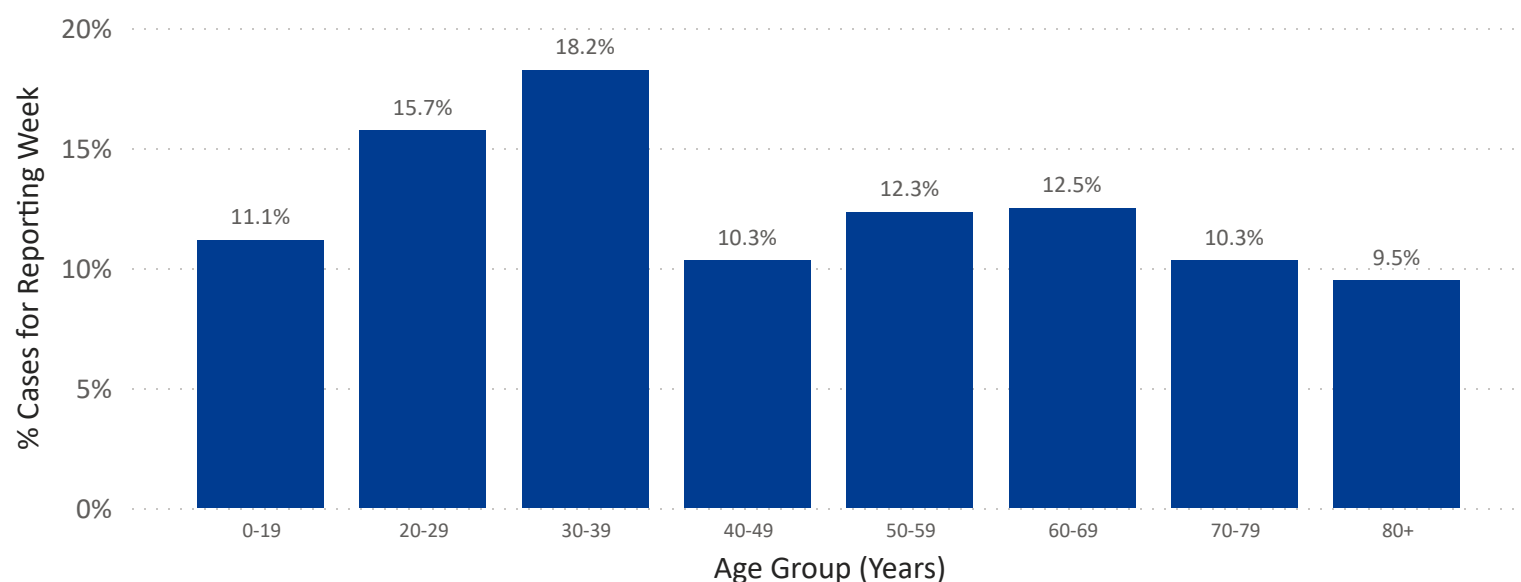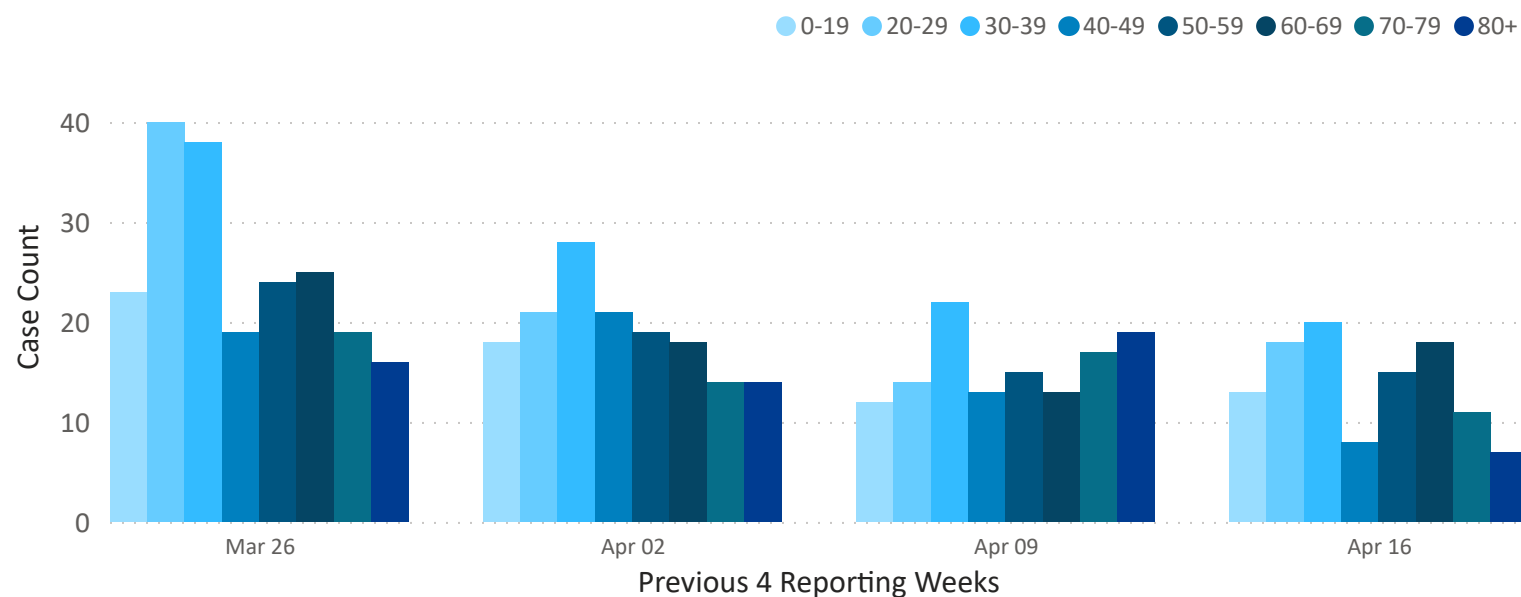

Figure 3. COVID-19 Cases in City of Cleveland by Age (Mar 26, 2023 - Apr 22, 2023) (based on 592 cases)

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Note:. Figure 2 and Figure 3 do not include 2 cases whose sex is unknown.

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Cases by Gender

Figure 4. City of Cleveland COVID-19 Cases by Gender (Mar 26, 2023 - Apr 22, 2023) (based on 594 cases)
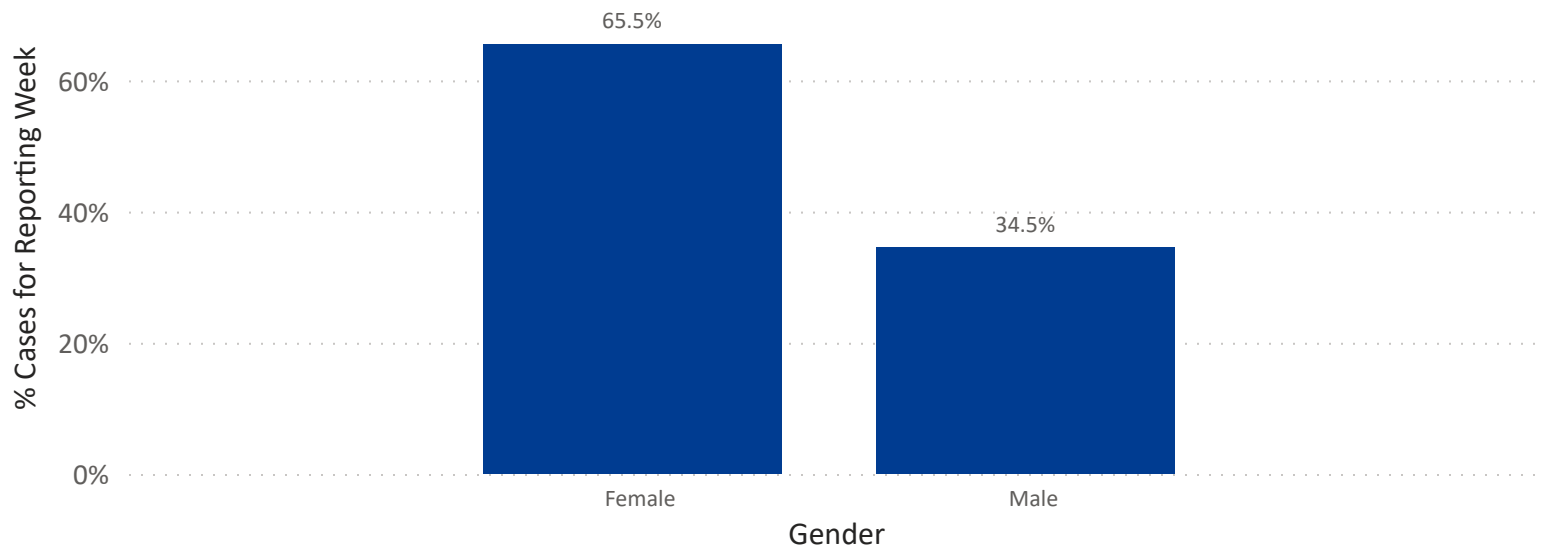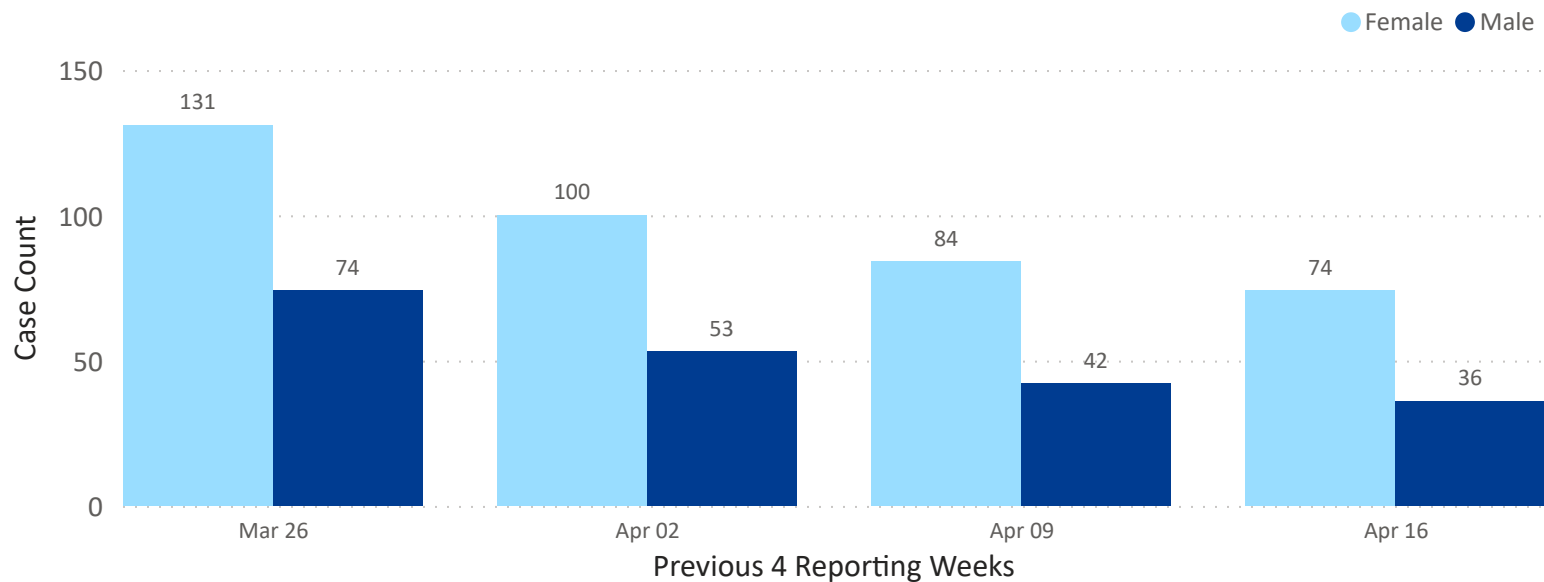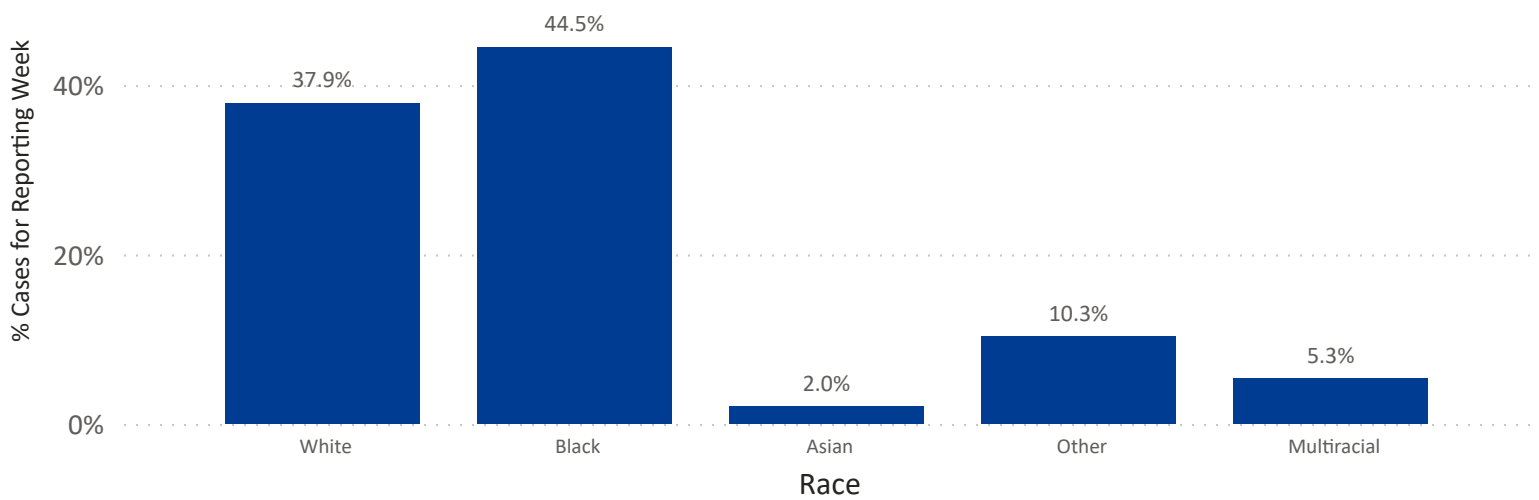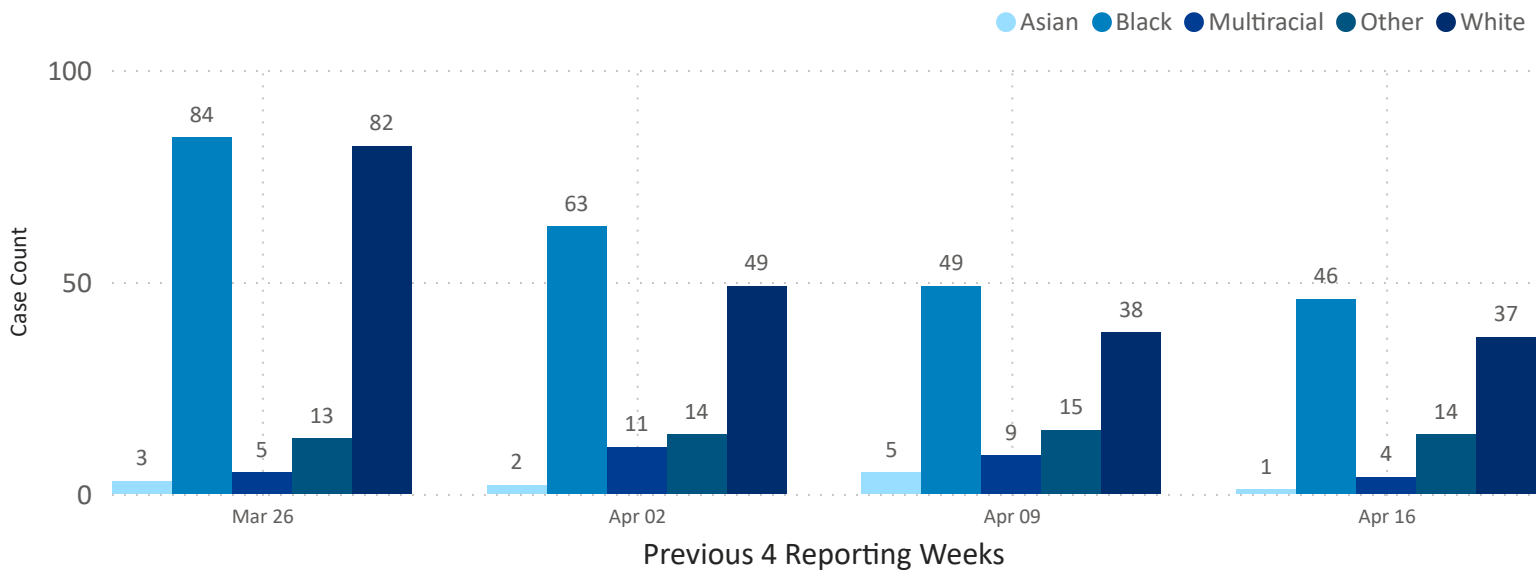

Figure 5. COVID-19 Cases in City of Cleveland by Gender (Mar 26, 2023 - Apr 22, 2023) (based on 594 cases)

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Cases by Race

Figure 6. City of Cleveland COVID-19 Cases by Race (Mar 26, 2023 - Apr 22, 2023) (based on 544 cases)

Figure 7. COVID-19 Cases in City of Cleveland by Race (Mar 26, 2023 - Apr 22, 2023) (based on 544 cases)

Note: Figure 6 and Figure 7 do not include 50 cases whose race is unknown. American Indian/Alaska Native and Native Hawaiian/Pacific Islander are included under Other races.

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Cases by Ethnicity

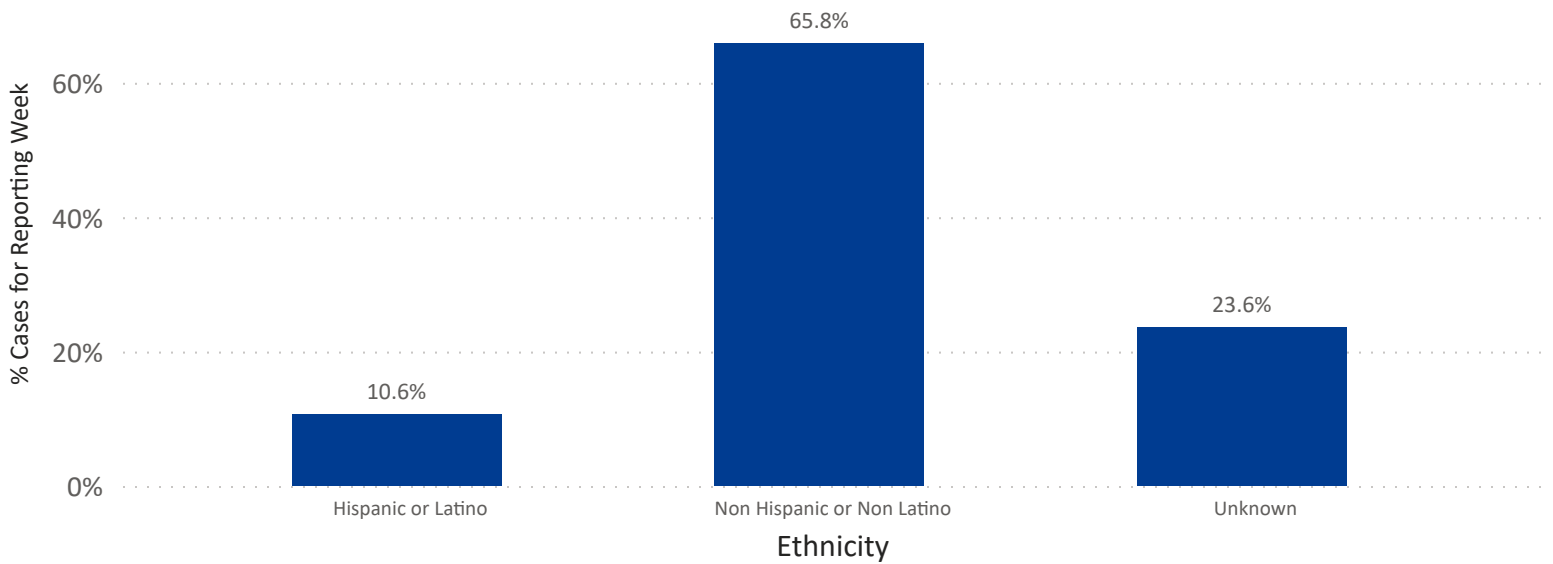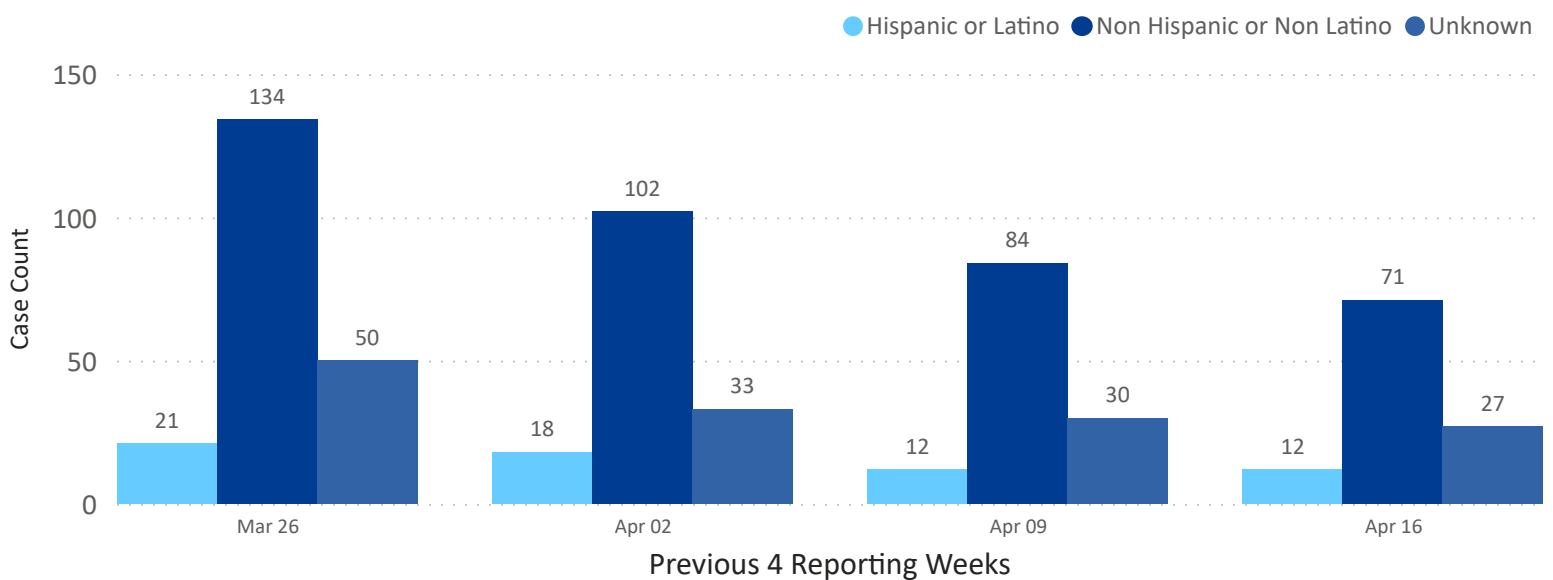Figure 8. City of Cleveland COVID-19 Cases by Ethnicity (Mar 26, 2023 - Apr 22, 2023) (based on 594 cases)

Figure 9. COVID-19 Cases in City of Cleveland by Ethnicity (Mar 26, 2023 - Apr 22, 2023) (based on 594 cases)

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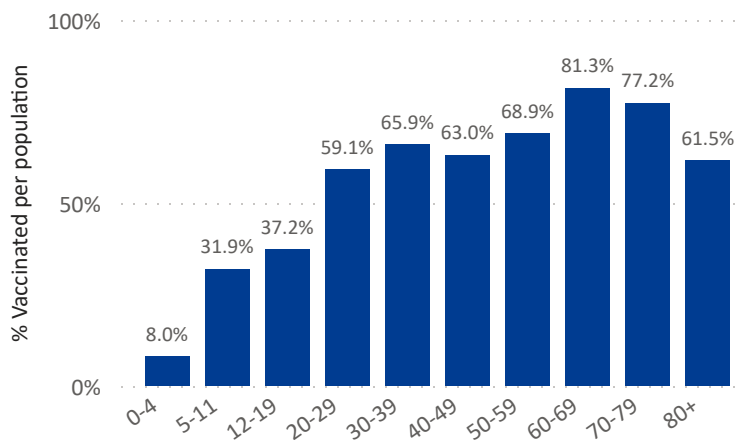Office: 216-420-7743
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Monthly Coronavirus Disease (COVID-19) Surveillance Report
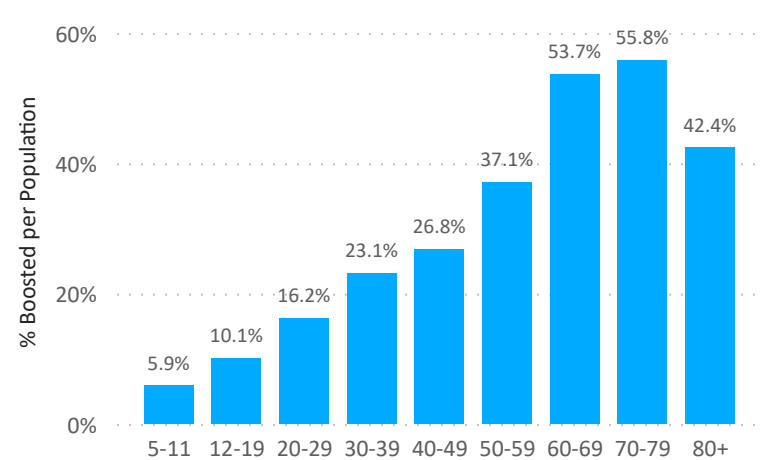Friday, April 28, 2023

Vaccinations through April 25th, 2023 by Demographic

Age Groups
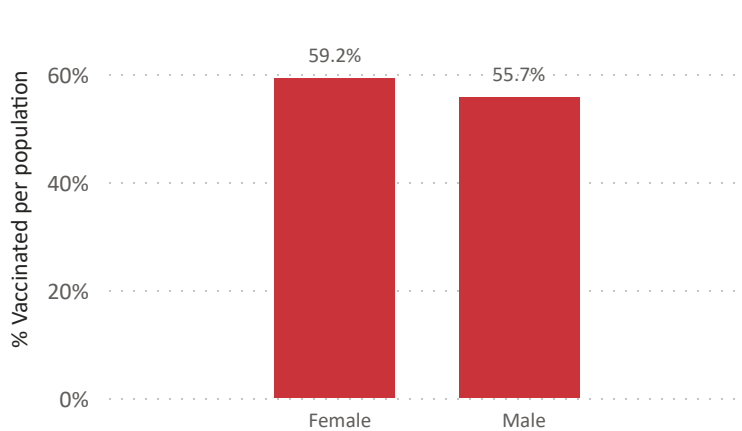
% of Cleveland Residents Vaccinated per Age Group

Age	%
0-4	8.0%
5-11	31.9%
12-19	37.2%
20-29	59.1%
30-39	65.9%
40-49	63.0%
50-59	68.9%
60-69	81.3%
70-79	77.2%
80+	61.5%

% of Cleveland Residents Boosted by Age Group

Age	%
5-11	5.9%
12-19	10.1%
20-29	16.2%
30-39	23.1%
40-49	26.8%
50-59	37.1%
60-69	53.7%
70-79	55.8%
80+	42.4%

Sex

% of Cleveland Residents Vaccinated per Sex

Sex	%
Female	59.2%
Male	55.7%

% of Cleveland Residents Boosted per Sex
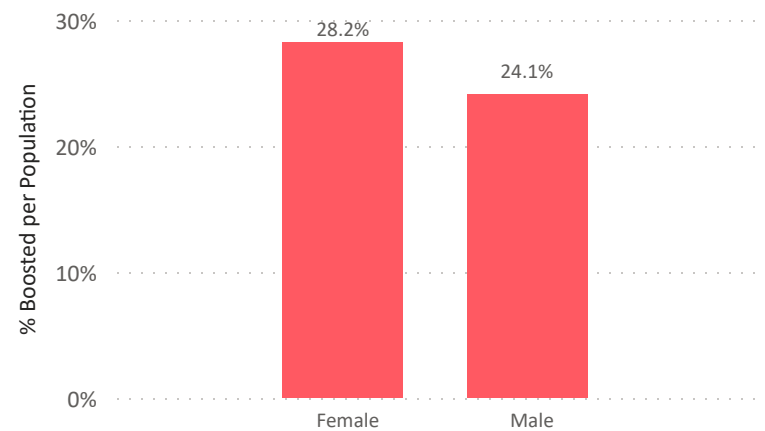
Sex	%
Female	28.2%
Male	24.1%

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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, "77.2 % 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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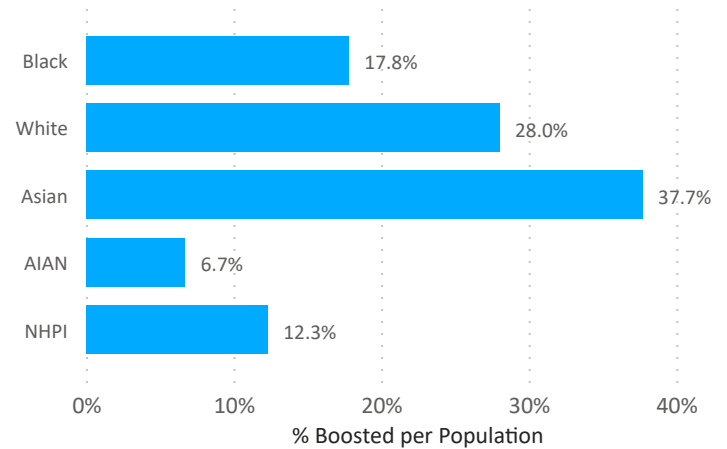Monthly Coronavirus Disease (COVID-19) Surveillance Report
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Vaccinations through April 25th, 2023 by Demographic

Race

% of Cleveland Residents Vaccinated per Race Population

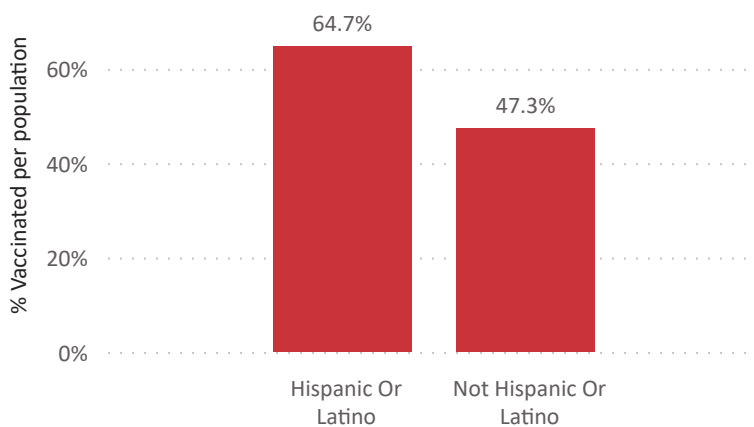| Race	% Vaccinated per population
Black	41.9%
White	55.8%
Asian	93.8%
AIAN	20.9%
NHPI	48.1%
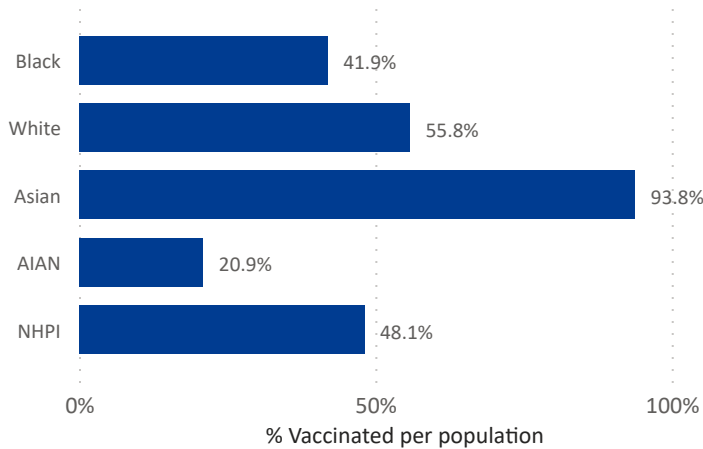
% of Cleveland Residents Boosted per Race Population

Race	% Boosted per Population
Black	17.8%
White	28.0%
Asian	37.7%
AIAN	6.7%
NHPI	12.3%

Ethnicity

% of Cleveland Residents Vaccinated per Ethnicity

Ethnicity	% Vaccinated per population
Hispanic Or Latino	64.7%
Not Hispanic Or Latino	47.3%

% of Cleveland Residents Boosted per Ethnicity
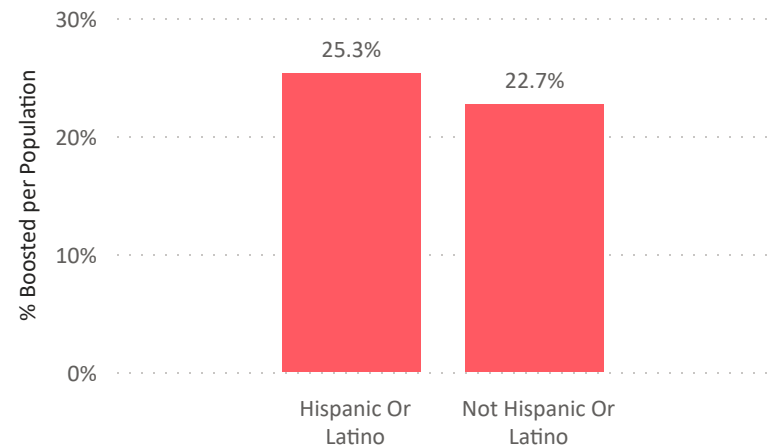
Ethnicity	% Boosted per Population
Hispanic Or Latino	25.3%
Not Hispanic Or Latino	22.7%

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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 includes 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 (Mar 27, 2022 - Apr 22, 2023) (based on 1,001 cases)
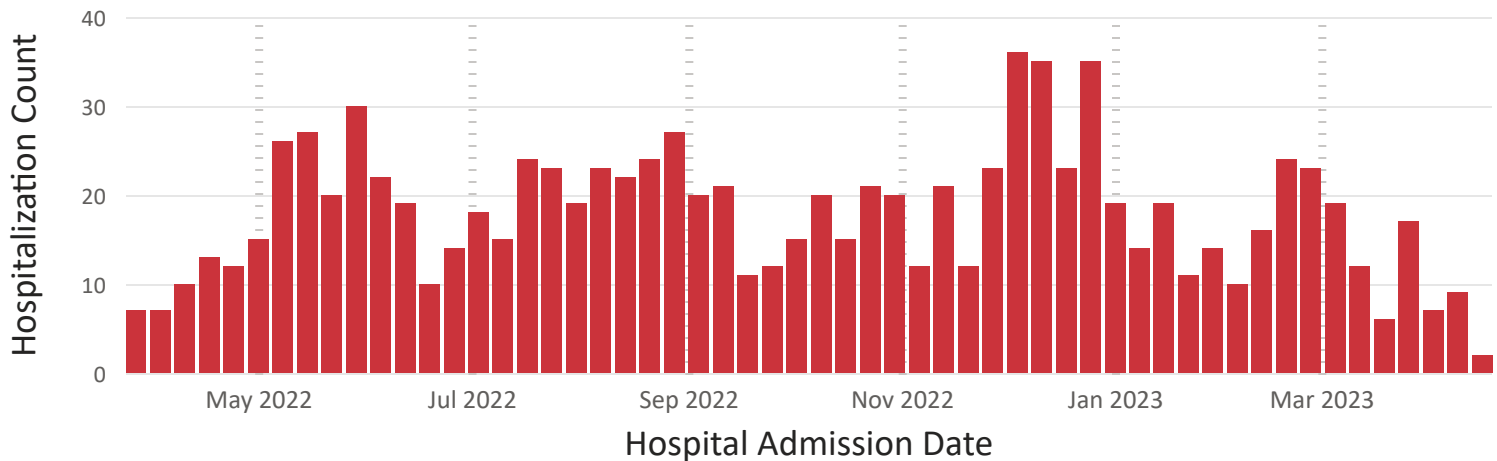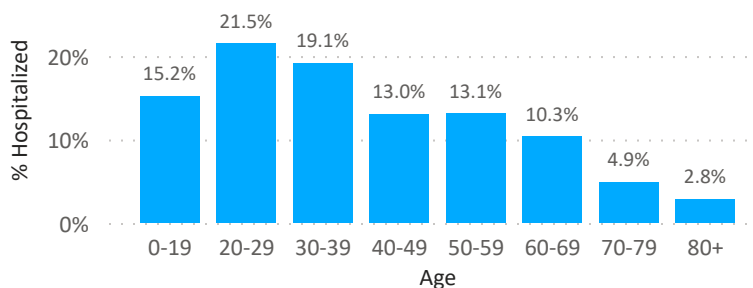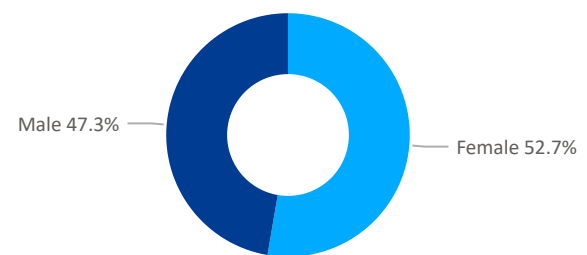

Figure 11. City of Cleveland COVID-19 Hospitalizations by Demographics (Feb 15, 2020 - Apr 22, 2023) (based on 6,099 cases)

By Age

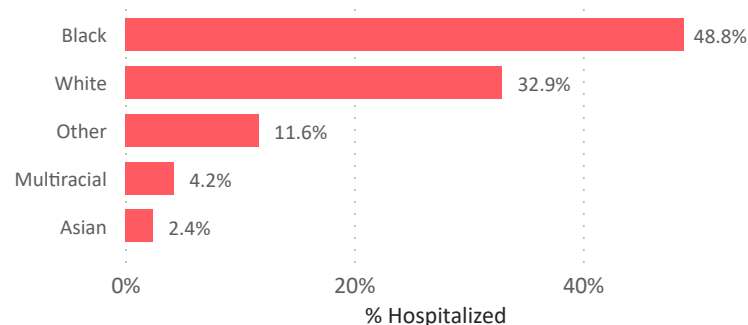
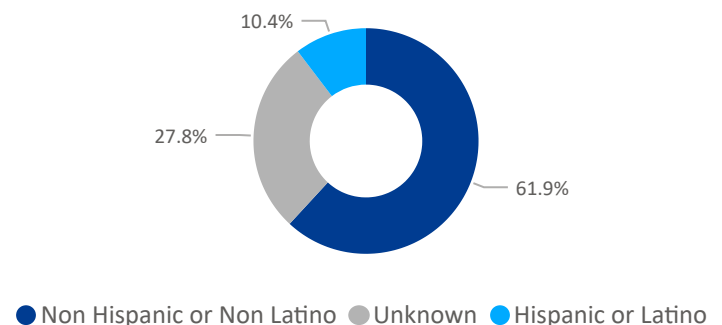### By Gender

Male 47.3%
Female 52.7%

By Race

Black 48.8%
White 32.9%
Other 11.6%
Multiracial 4.2%
Asian 2.4%

By Ethnicity

10.4%
27.8%
61.9%

● Non Hispanic or Non Latino ● Unknown ● Hispanic or Latino

* 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.

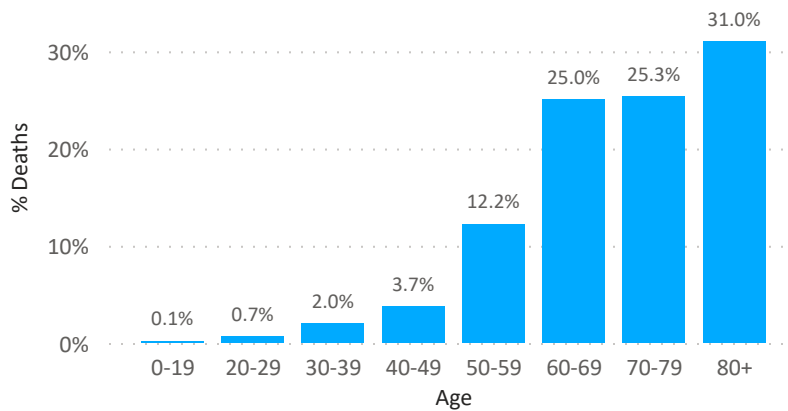* **By Race** graph does not include 53 cases with unknown races.

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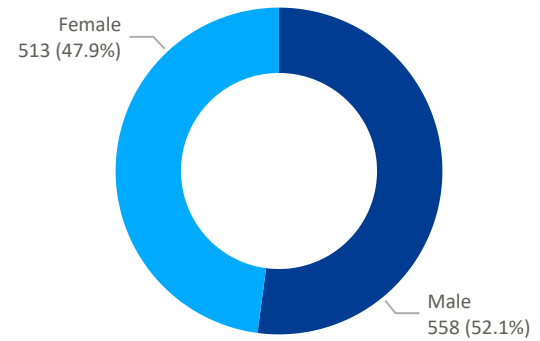Friday, April 28, 2023

Total Deaths

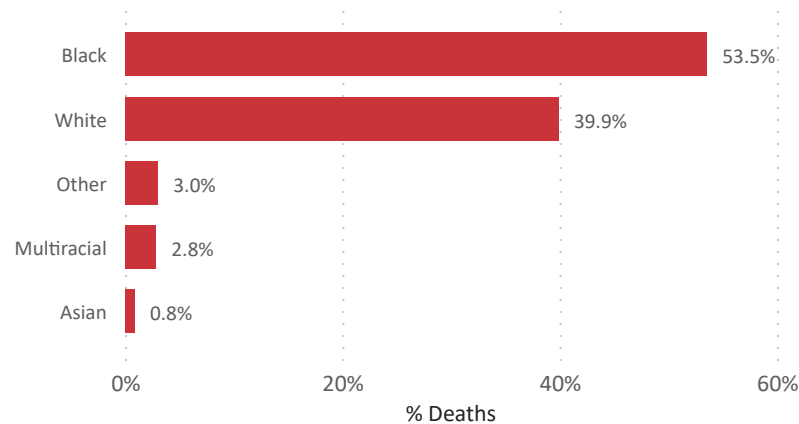Figure 12. City of Cleveland COVID-19 Deaths by Demographics (Feb 15, 2020 - Apr 22, 2023) (based on 1,071 cases)
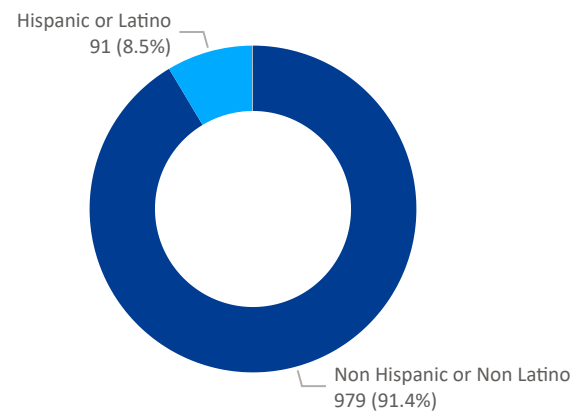
By Age

By Gender

Female 513 (47.9%)
Male 558 (52.1%)

By Race

Black 53.5%
White 39.9%
Other 3.0%
Multiracial 2.8%
Asian 0.8%

By Ethnicity

Hispanic or Latino 91 (8.5%)
Non Hispanic or Non Latino 979 (91.4%)

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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 Count, Reported Weekly (Feb 15, 2020 - Apr 22, 2023)

● CDPH   ● Cuyahoga County (excluding Cleveland City)
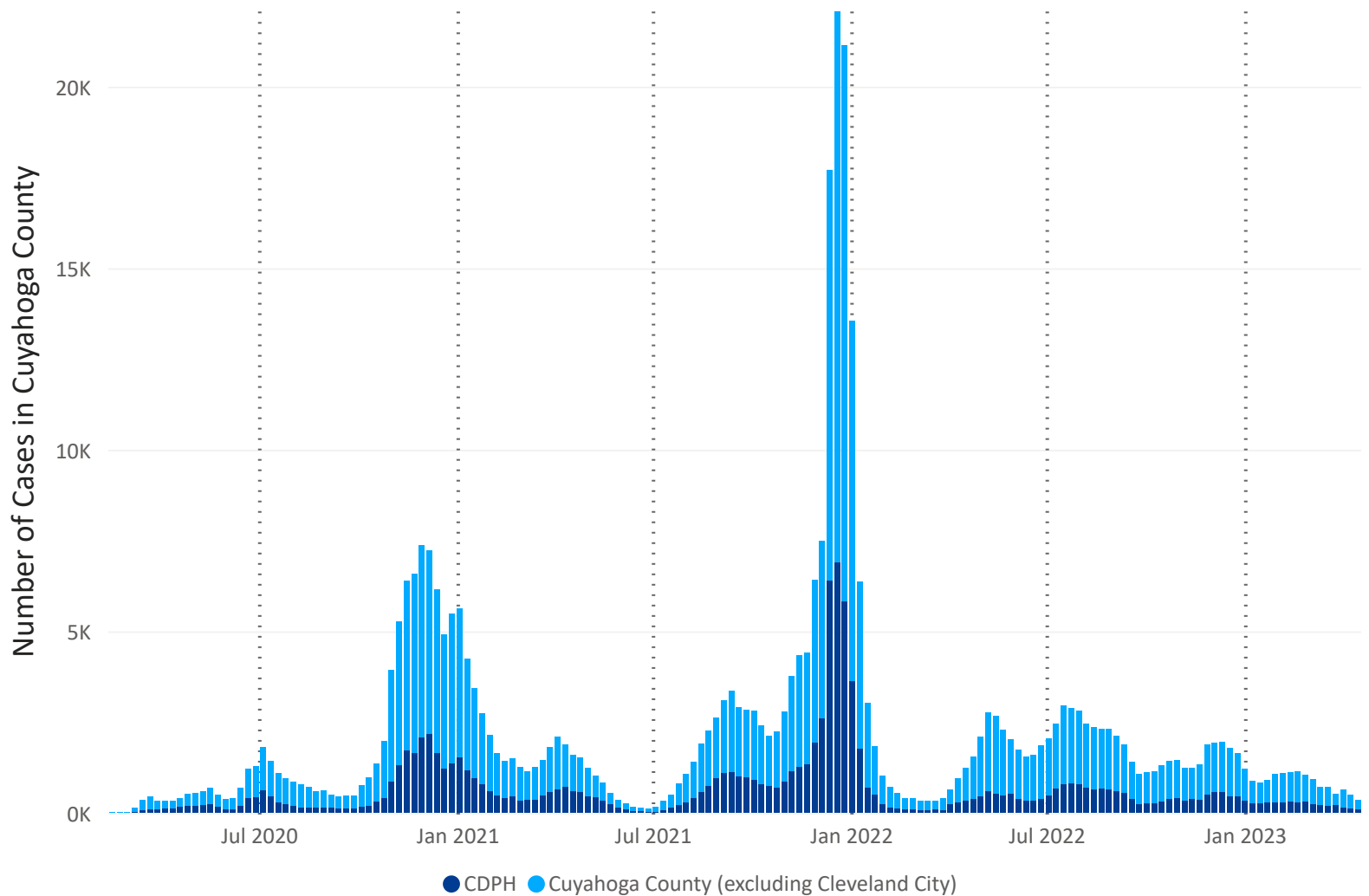
103,432
Total Cases in Cleveland City

356,607
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.
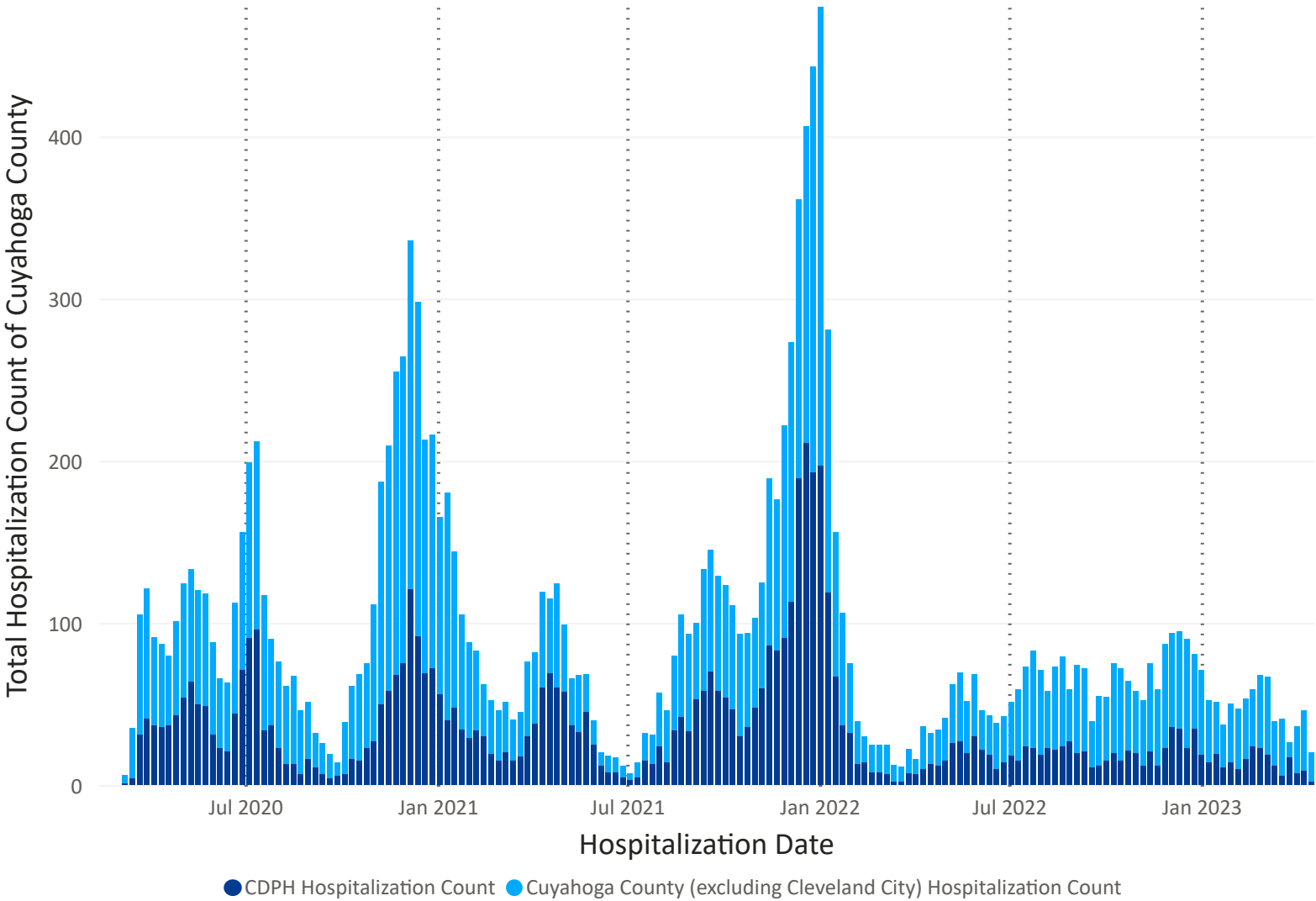
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City vs. County Comparisons—Hospitalization Count

Figure 14. Comparison of Hospitalization Counts Between the City of Cleveland & Cuyahoga County, Reported Weekly (Feb 15, 2020 - Apr 22, 2023)

6,099
Total Hospitalizations in Cleveland City

15,953
Total Hospitalizations in Cuyahoga County

28.5%
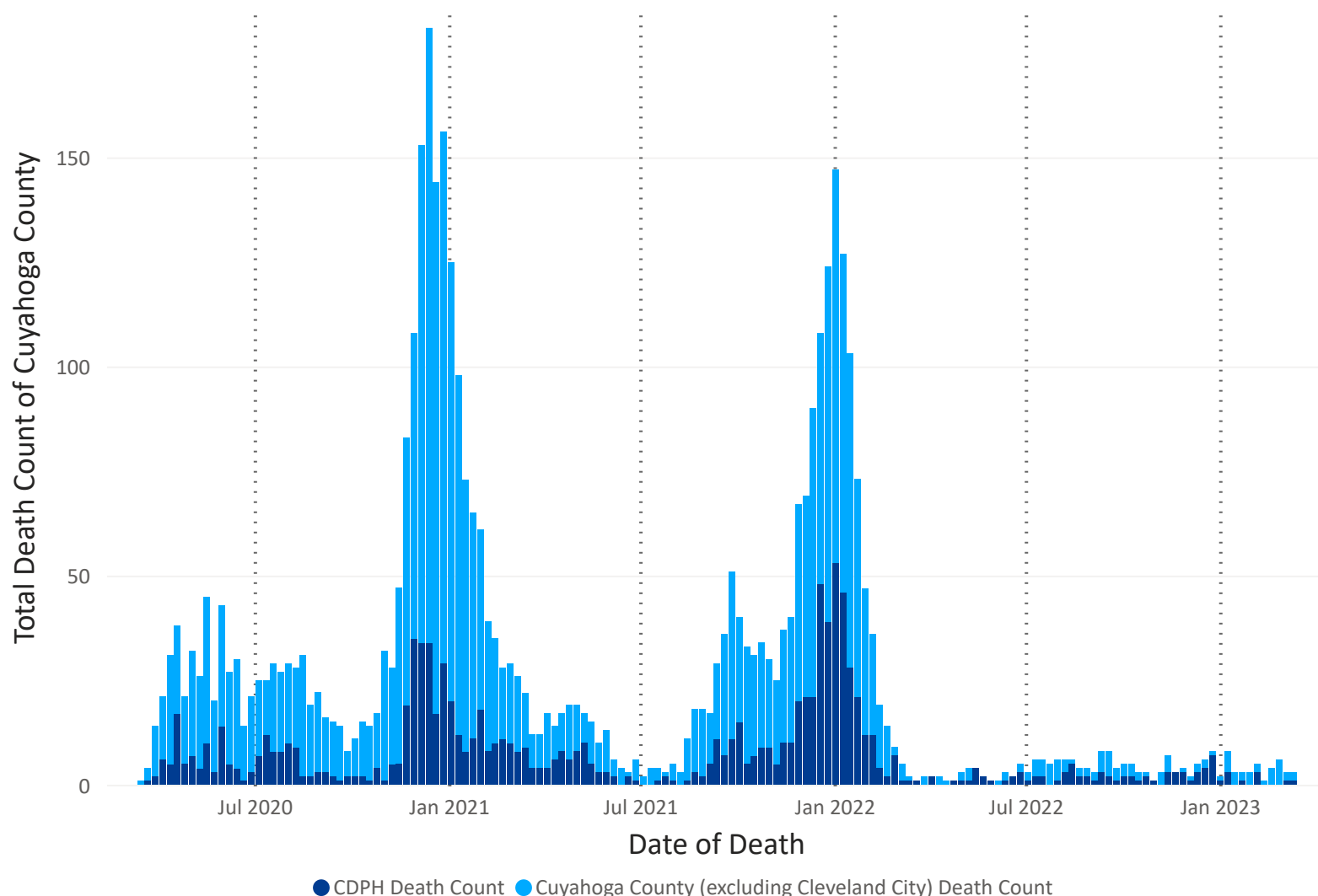of Cuyahoga County Hospitalizations in Cleveland City

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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 - Apr 22, 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 April 22, 2023 for the City of Cleveland, Ohio.

Total Cases represent confirmed and probable cases.

Cleveland City data and Cuyahoga County data are compiled on April 25, 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