CITY OF CLEVELAND
Mayor Justin M. Bibb

cdph
Cleveland Department of Public Health

COVID-19 WATCH

Weekly Coronavirus Disease (COVID-19) Surveillance Report
Friday, December 16, 2022

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
Fax: 216-664-6159

The purpose of the COVID-19 Watch is to summarize the coronavirus surveillance in the City of Cleveland, Ohio. This summary report reflects the period starting from February 15, 2020 until December 10, 2022.

What Matters Most

1. Cleveland COVID-19 cases continued to increase during the week of December 4th with 590 new cases and a rate of 154 new cases per 100,000 residents. The previous week state-wide COVID-19 incidence held steady around 69 new cases per 100,000 residents, however, COVID-19 activity varies widely based on county. The true incidence is likely higher due to positive home tests throughout the state that may not be reported to the health department.

2. There were 30 COVID-19 hospitalizations this week which is a 50% increase compared to the week prior. 80% of the COVID-19 hospitalizations were among black residents; a demographic that has the lowest rates of COVID-19 boosters at 17%. Vaccination is the best way to avoid hospitalization and can help reduce racial disparities in COVID-19 outcomes.

3. 311 residents received their first COVID-19 shot this week. As of December 13th, 57.3% of Cleveland residents have received any dose of a COVID-19 vaccine, 50.4% have completed their primary vaccination series, and 25.6% have received a booster dose. Cleveland residents that already completed a primary vaccination series are also receiving the bivalent booster shots. Appointments for adults and children can be made by calling 216-664-2222 or visiting gettheshot.coronavirus.gov. COVID-19 and flu can be given at the same visit.

4. Hospitals continue to experience additional strain due to an increase in flu (influenza) and RSV (Respiratory Syncytial Virus) intensity during the fall and winter season. RSV and flu-associated hospitalizations indicate that activity for both infections is far higher than it has been in the last two years. COVID-19, RSV, and flu are all respiratory viruses where infection spread can be reduced with hand washing, cleaning contaminated surfaces, and practicing proper "respiratory etiquette". This entails covering your month when you cough and staying home if you are ill until you are fever-free and symptoms are improving.

5. Many of symptoms of the flu, RSV, and COVID-19 overlap, which can make it difficult to differentiate which respiratory infection you or someone you know has. However, there are a few symptoms that are distinct to the three infections that may be helpful to consider. A fever as high as 102 degree is often experienced during the flu, people experience RSV often experience wheezing, and COVID-19 infections often entail difficulty breathing.

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COVID-19 Summary

MEASURE	TOTAL	CONFIRMED	PROBABLE
Cases	97,896	87,160	10,736
Deaths*	1,037	945	92
Hospitalizations	5,757	5,712	45

Weekly Summary

MEASURE	TOTAL	CONFIRMED	PROBABLE
Cases	590	516	74
Hospitalizations	30	30	0

Vaccine Summary**

MEASURE	TOTAL
Total residents who received any dose	219,728
Completed	193,083
Boosted	98,291
Individuals vaccinated by CDPH***	44,220

*Final cause of death can take weeks to determine and so the number of deaths in the previous weeks are subject to change as more information is reported from ODH.

**Vaccine data were exported from the DataOhio Portal on December 13, 2022. Vaccination summaries include vaccinations administered to Cleveland residents by any supplier. In CDPH data reporting, individuals are counted in every group of which they meet the criteria. For example, a Cleveland resident who has completed a primary series and received a booster will be included in the counts of each group. Please note, the criteria to have "Completed a Primary Series" differs for individuals who are moderately to severely immunocompromised.

*** Includes both Cleveland residents and non-residents.

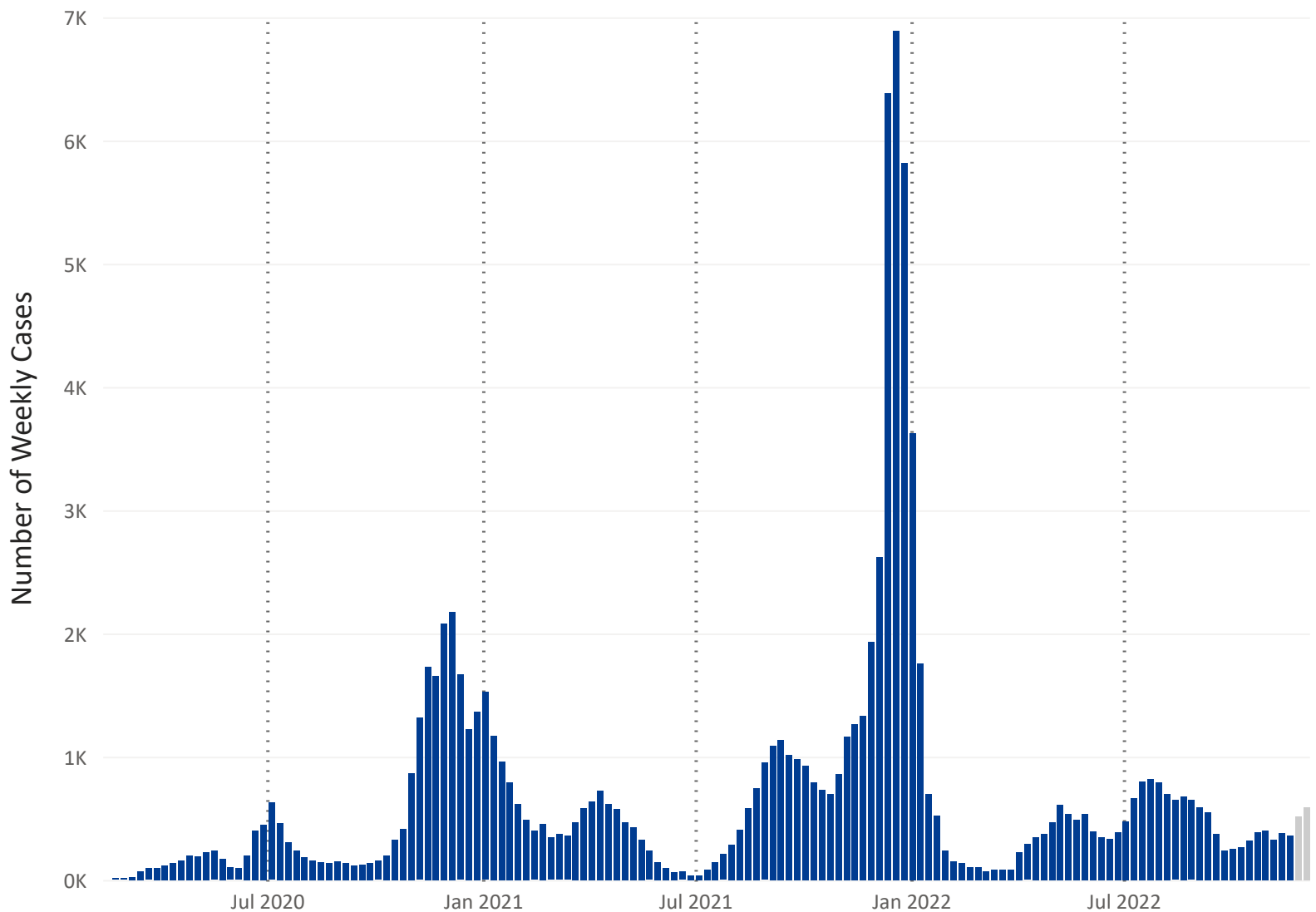**Note**: See page 18 for "Confirmed" and "Probable" case definitions.

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Total Cases by Specimen Collection Date as of December 10, 2022

Figure 1. City of Cleveland COVID-19 Total Cases by Reporting Week (Feb 15, 2020 - Dec 10, 2022) (based on 97,895 cases)

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Note: If test date is unknown, the earliest known date associated with a case is used. One confirmed case reported before February 15 is not included in this graph. Ongoing data cleaning processes and delays in reporting will fluctuate the total number of cases from the previous weeks.

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Cases by Age Group

Figure 2. Reporting Week City of Cleveland COVID-19 Cases by Age (Dec 04, 2022 - Dec 10, 2022) (based on 589 cases)

Cases: Confirmed, Probable
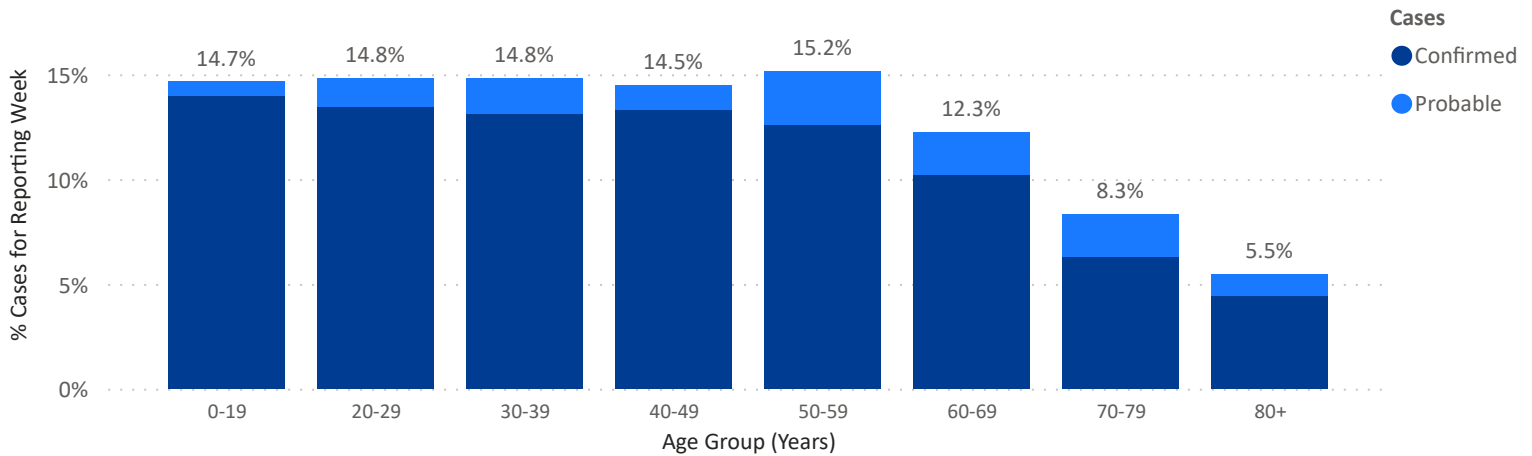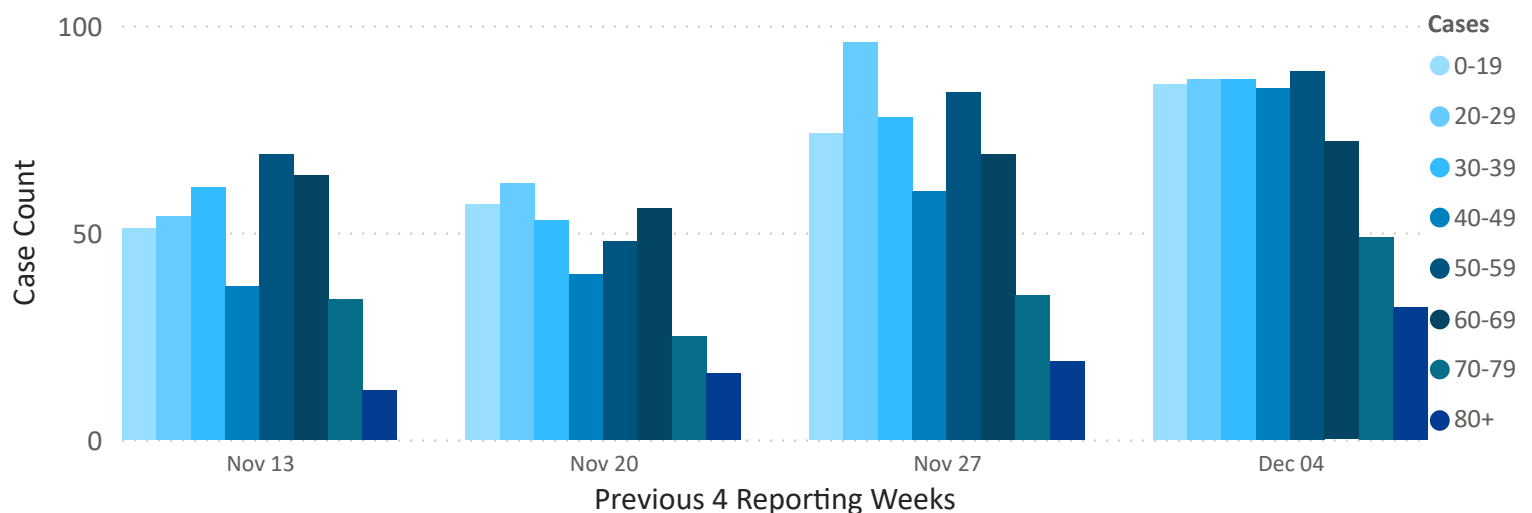
43.55	0	96
Average Age	Min Age	Max Age

Figure 3. COVID-19 Cases in City of Cleveland by Age (Nov 13, 2022 - Dec 10, 2022) (based on 1,843 cases)

Cases: 0-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+

42.85	0	96
Average Age	Min Age	Max Age

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Note: Figure 2 does not include 3 cases whose age are unknown. Figure 3 does not include 4 cases whose age are unknown. See page 18 for "Confirmed" and "Probable" case definitions.

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Cases by Gender

Figure 4. City of Cleveland COVID-19 Cases by Gender (Dec 04, 2022 - Dec 10, 2022) (based on 587 cases)

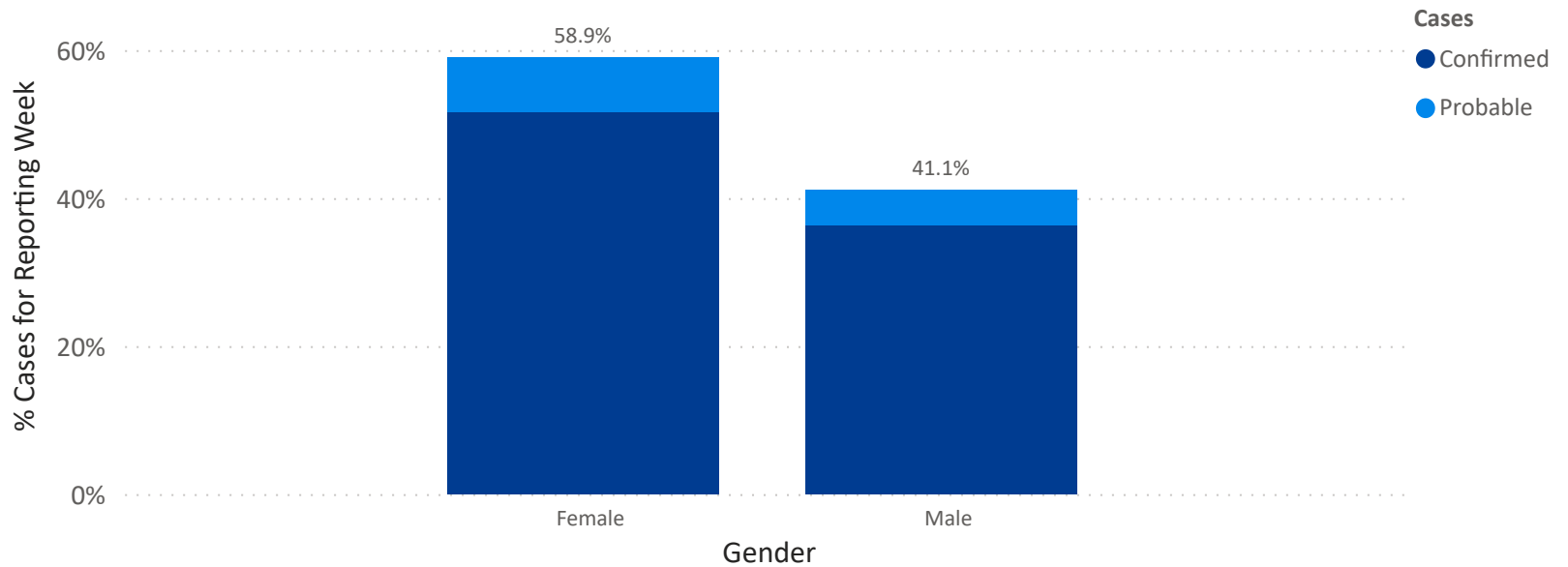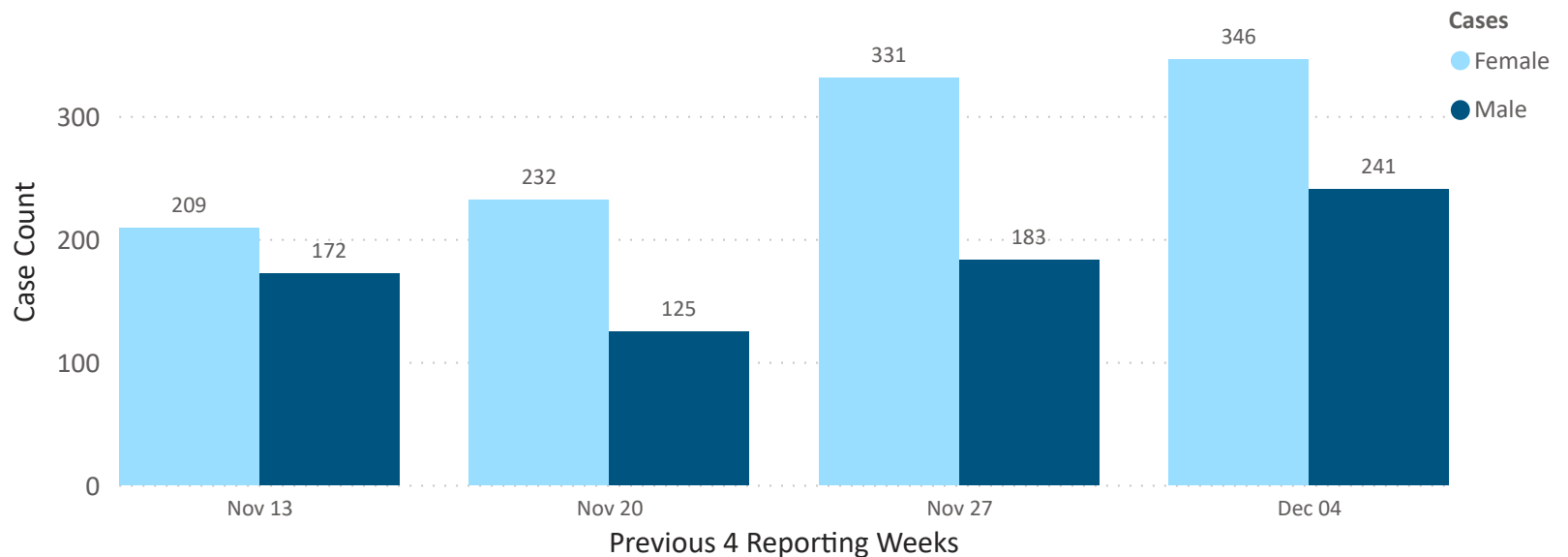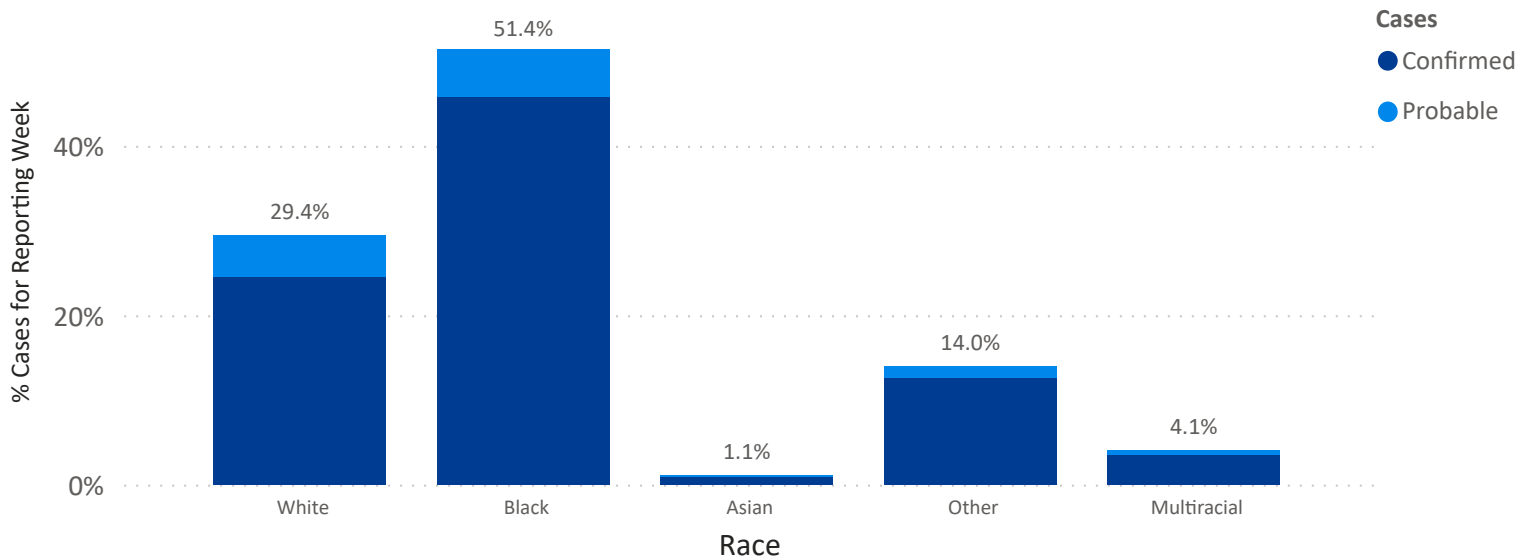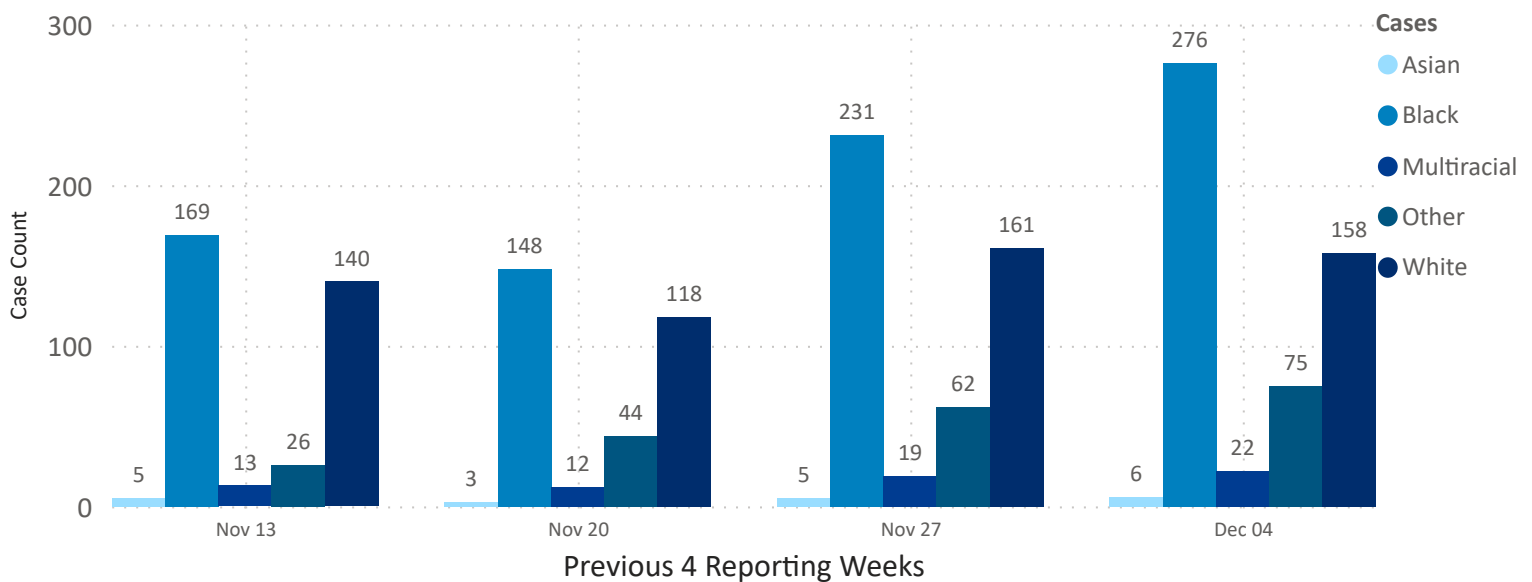Figure 5. COVID-19 Cases in City of Cleveland by Gender (Nov 13, 2022 - Dec 10, 2022) (based on 1,839 cases)

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Note:. Figure 4 does not include 3 case whose sex is unknown. Figure 5 does not include 6 cases whose sex is unknown.

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Cases by Race

Figure 6. City of Cleveland COVID-19 Cases by Race (Dec 04, 2022 - Dec 10, 2022) (based on 537 cases)

Figure 7. COVID-19 Cases in City of Cleveland by Race (Nov 13, 2022 - Dec 10, 2022) (based on 1,693 cases)

Note: Figure 6 does not include 53 cases whose race is unknown. Figure 7 does not include 152 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

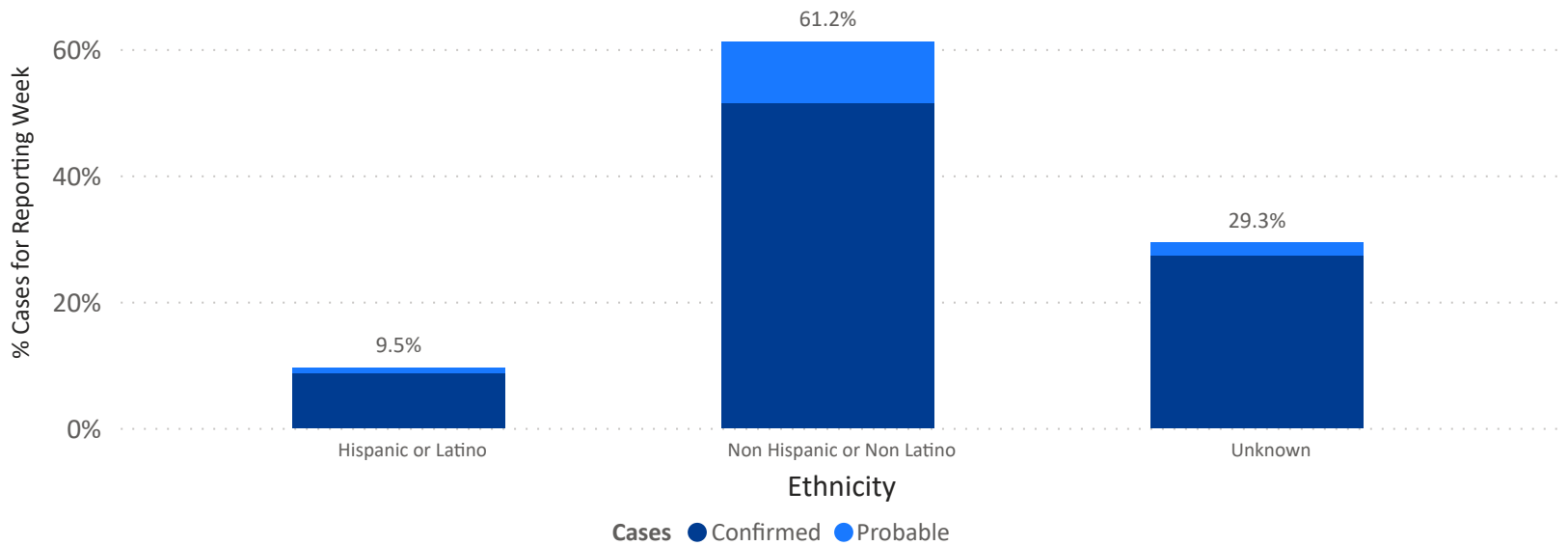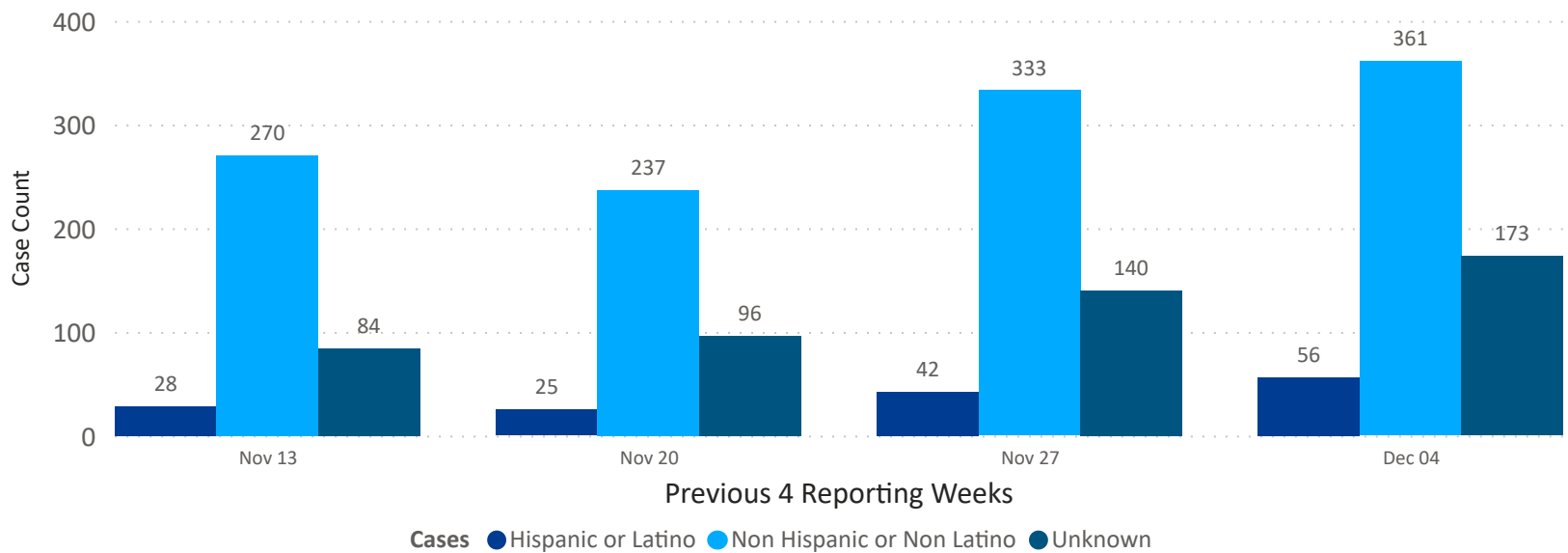Figure 8. City of Cleveland COVID-19 Cases by Ethnicity (Dec 04, 2022 - Dec 10, 2022) (based on 590 cases)

Figure 9. COVID-19 Cases in City of Cleveland by Ethnicity (Nov 13, 2022 - Dec 10, 2022) (based on 1,845 cases)

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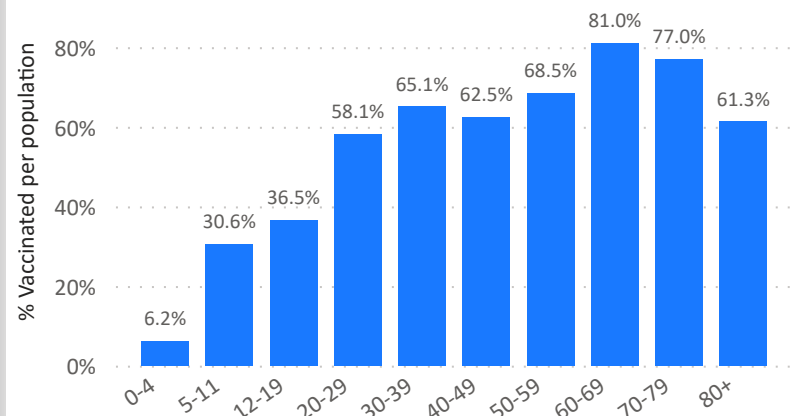Friday, December 16, 2022

Demographics of Cleveland Residents who have received any dose of vaccine through December 10, 2022

Age Groups

Number of Vaccinated Cleveland Residents by Age Group (based on 219,728 residents)
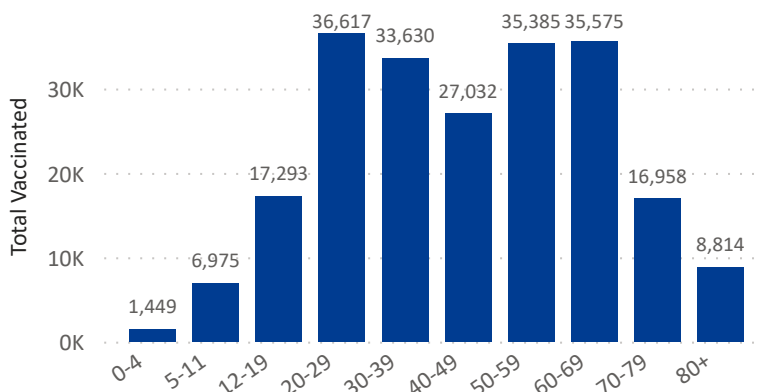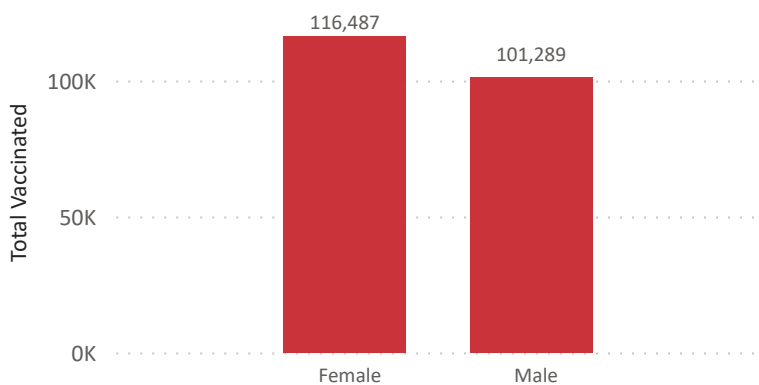

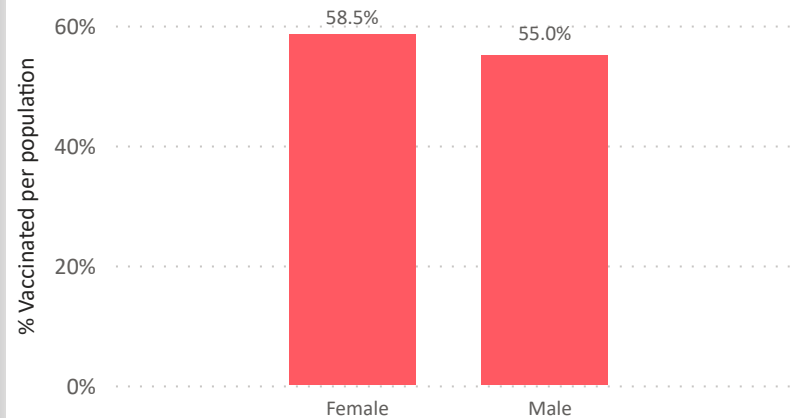% of Cleveland Residents Vaccinated per Age Group

Sex

Number of Vaccinated Cleveland Residents by Sex (based on 217,776 residents)

% of Cleveland Residents Vaccinated 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 2019. 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, "77.0 % of the 70-79 year old population in Cleveland have received at least one dose of the COVID-19 vaccine". Sex graph does not include 1,887 "unknown" and 65 "other".

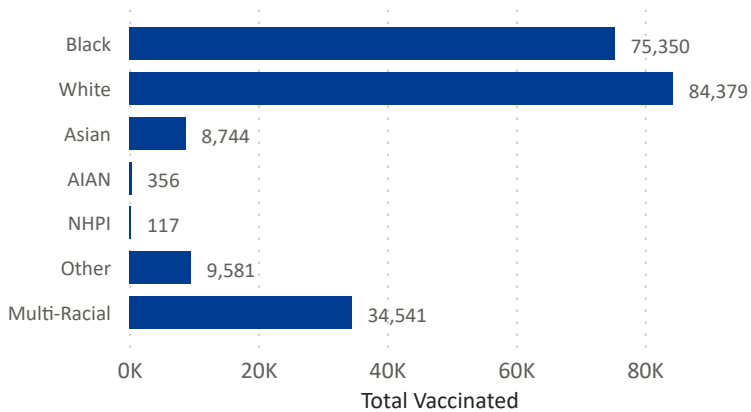These graphs represent Cleveland residents who received any dose of a COVID-19 vaccine.

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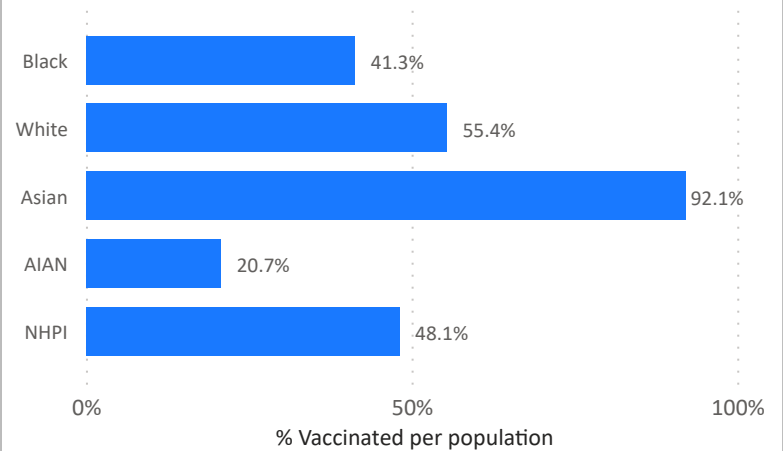Friday, December 16, 2022

Demographics of Cleveland Residents who have received any dose of vaccine through December 10, 2022

Race

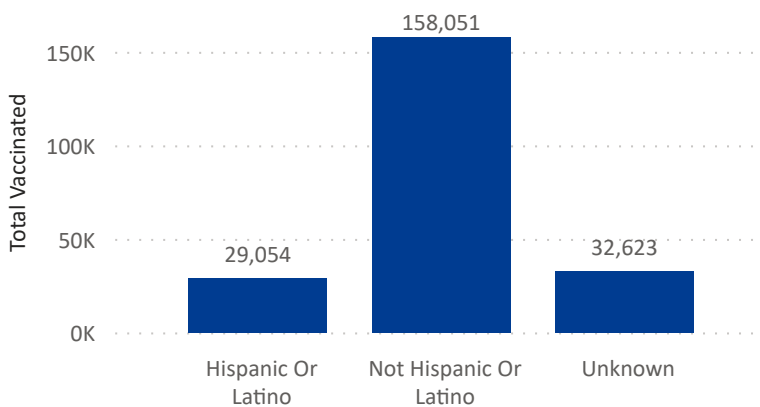**Number of Vaccinated Cleveland Residents by Race (based on 213,068 residents)**

Race	Total Vaccinated
Black	75,350
White	84,379
Asian	8,744
AIAN	356
NHPI	117
Other	9,581
Multi-Racial	34,541

% of Cleveland Residents Vaccinated per Race Population

Race	% Vaccinated per population
Black	41.3%
White	55.4%
Asian	92.1%
AIAN	20.7%
NHPI	48.1%

Ethnicity

Number of Vaccinated Cleveland Residents by Ethnicity (based on 219,728 residents)

Ethnicity	Total Vaccinated
Hispanic Or Latino	29,054
Not Hispanic Or Latino	158,051
Unknown	32,623

% of Cleveland Residents Vaccinated per Ethnicity
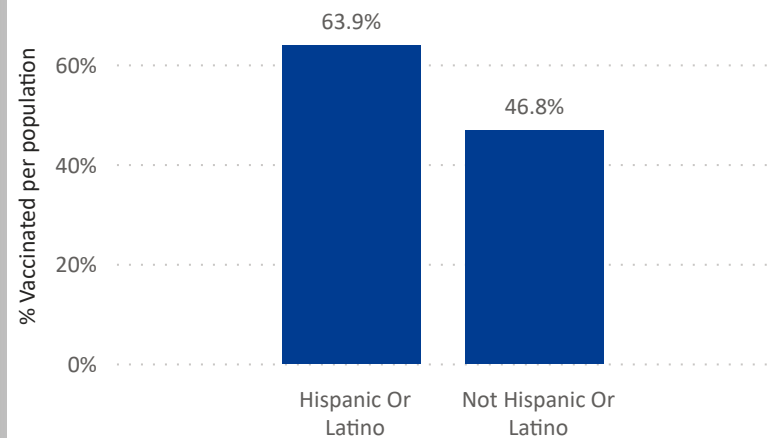
Ethnicity	% Vaccinated per population
Hispanic Or Latino	63.9%
Not Hispanic Or Latino	46.8%

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These graphs represent Cleveland residents who received any dose of a COVID-19 vaccine.

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Demographics of Cleveland Residents who received a booster dose through December 10, 2022

Age Groups

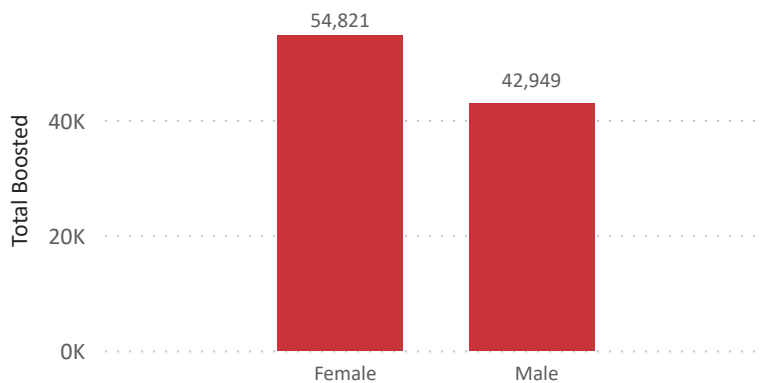### Number of Boosted Cleveland Residents by Age Group (based on 98,289 residents)
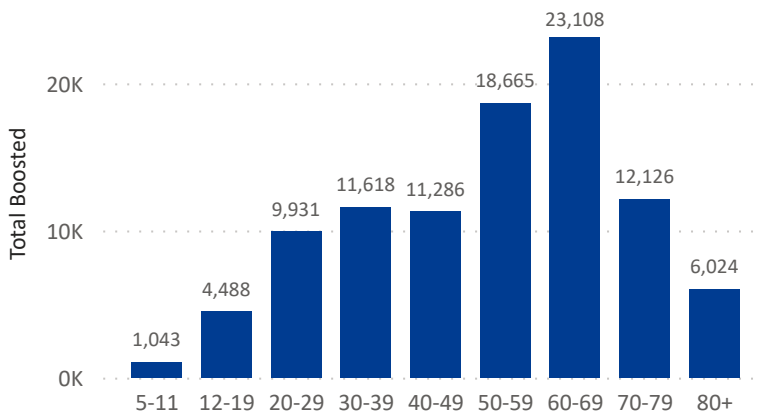
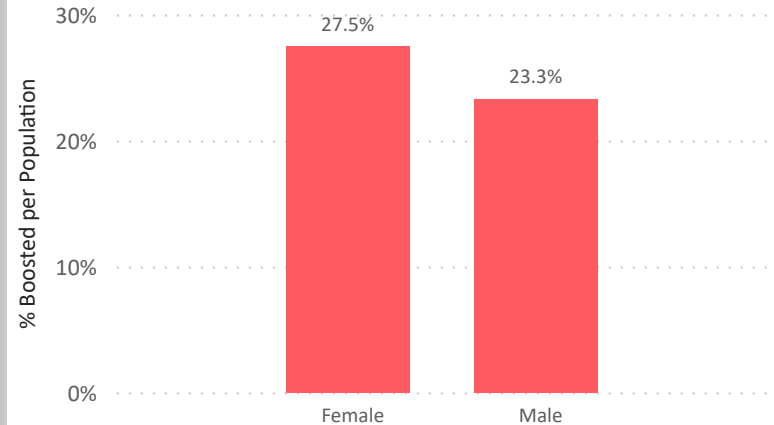### % of Cleveland Residents Boosted by Age Group
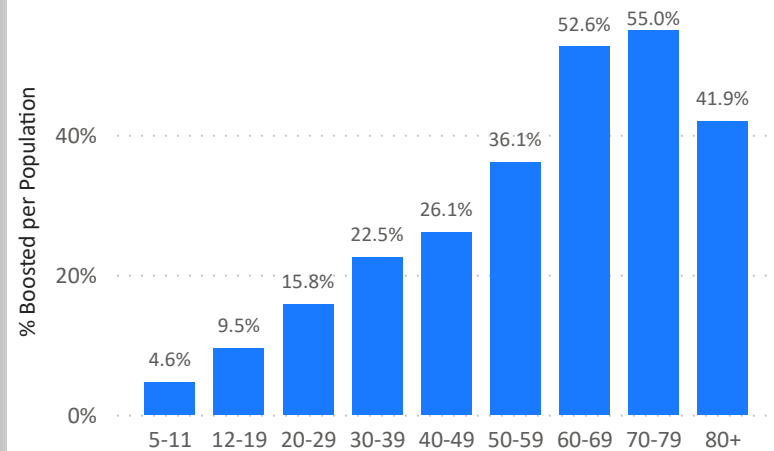
Sex

Number of Boosted Cleveland Residents by Sex (based on 97,770 residents)

% 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 2019.There are no estimates for "Unknown" or "Other" sex and age groups, so percent of population cannot be calculated for these groups. Data for % boosted out of total population graphs can be read as, for example, "41.9% of the 80+ year old population in Cleveland have received their booster dose". Sex graph does not include 501 "Unknown" and 20 "Other". These graphs represent Cleveland residents who received a booster dose. Boosted % represents number of people who received their booster dose among the population of that group.
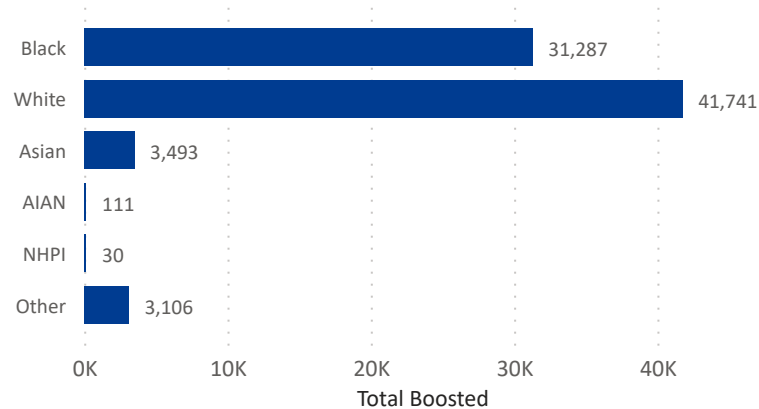
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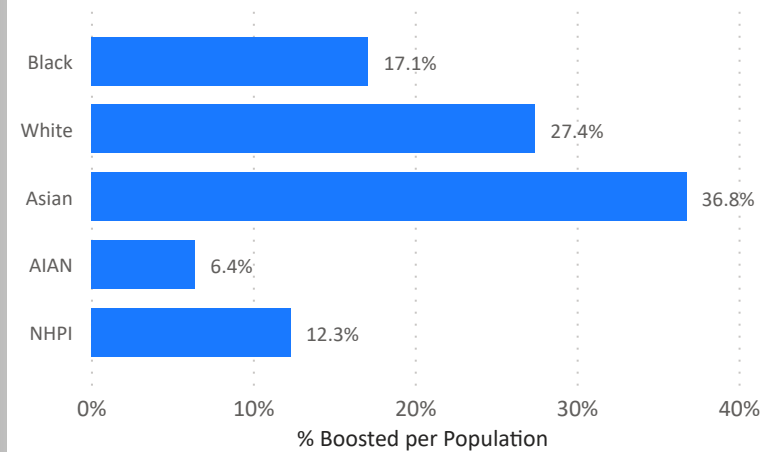Weekly Coronavirus Disease (COVID-19) Surveillance Report
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Demographics of Cleveland Residents who received a booster dose through December 10, 2022

Race

Number of Boosted Cleveland Residents by Race (based on 79,768 residents)
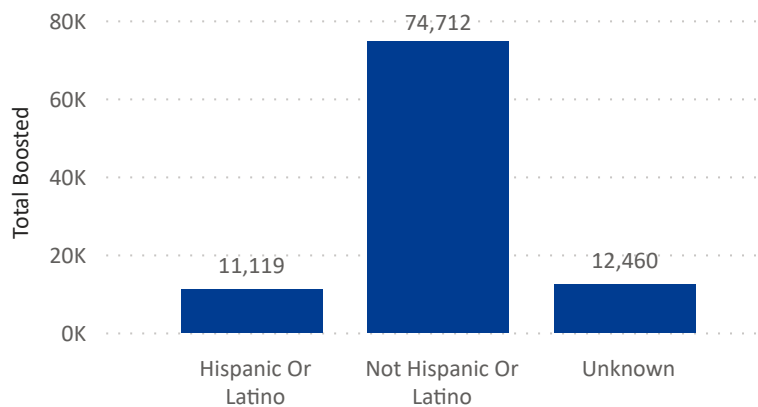

% of Cleveland Residents Boosted per Race Population
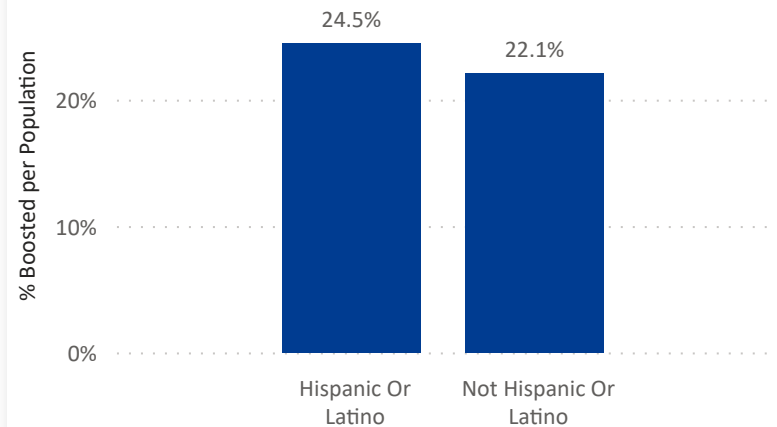

Ethnicity

Number of Boosted Cleveland Residents by Ethnicity (based on 98,291 residents)

% 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 2019. 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 16,667 multi-racial and 1,856 unknown race.

These graphs represent Cleveland residents who received a booster dose. Booster % represents number of people who received their booster dose among the population of that group.
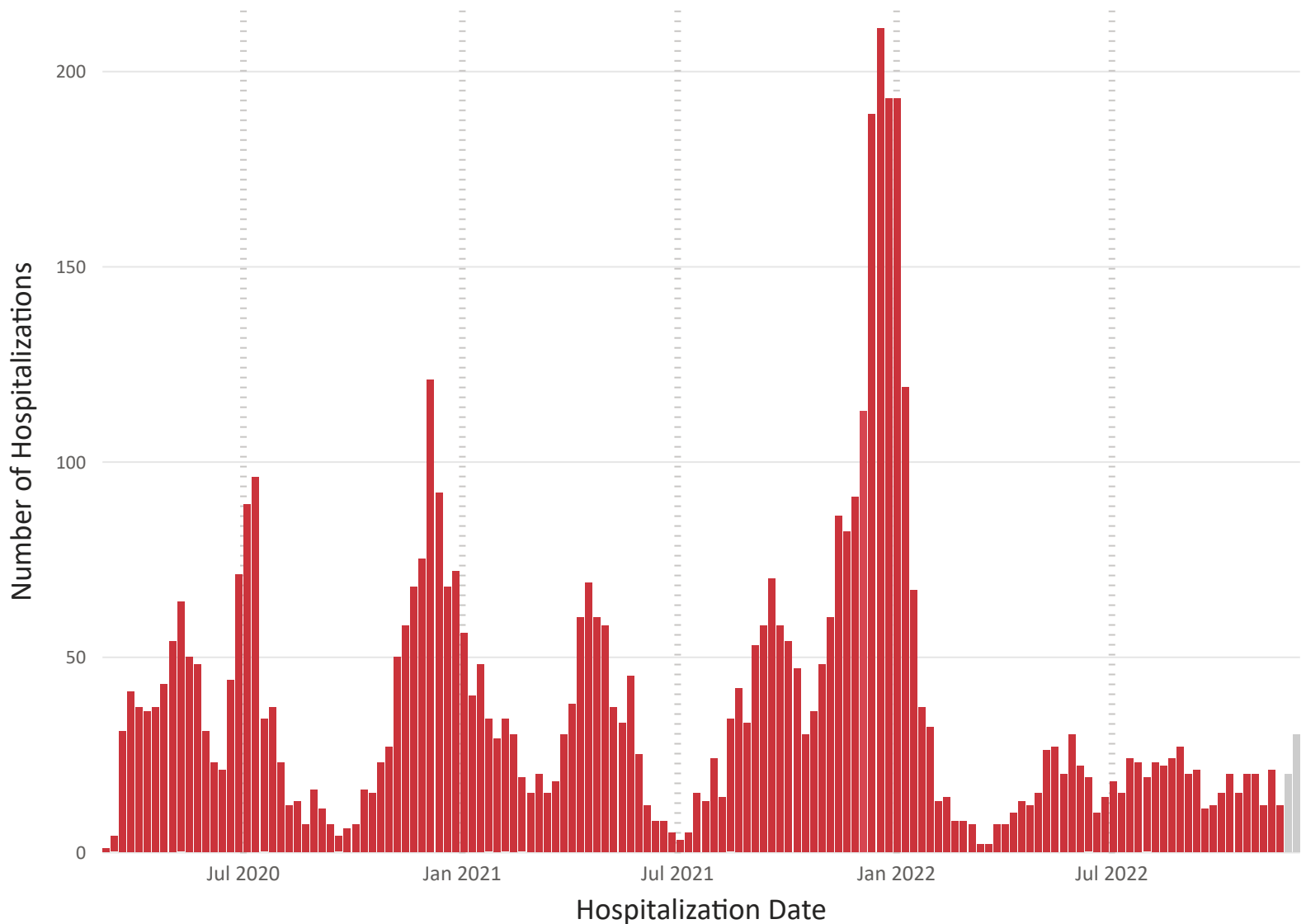
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Hospitalization by Admission Date

Figure 10. City of Cleveland COVID-19 Hospitalizations by Reporting Week (Feb 15, 2020 - Dec 10, 2022) (based on 5,369 cases)

* 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.

Note: Figure 10 does not include 387 cases for whom hospital admission date is unknown and 1 case with an admission date prior to February 15, 2020.
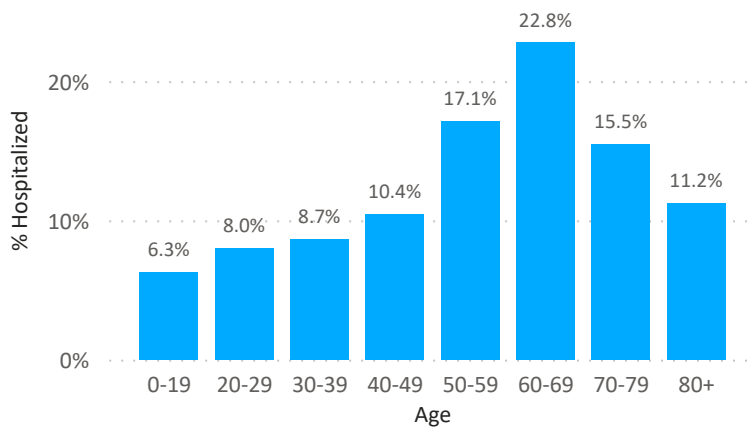
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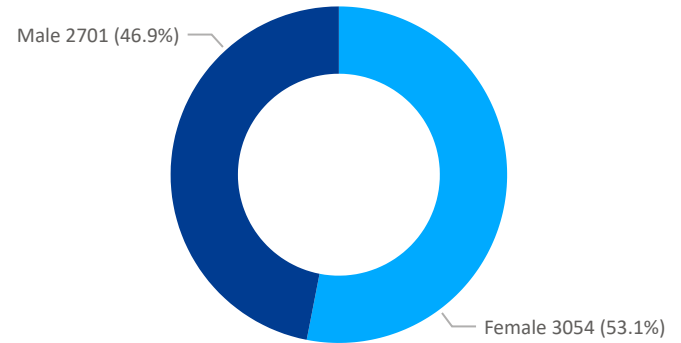Friday, December 16, 2022

Total Hospitalizations

Figure 11. City of Cleveland COVID-19 Hospitalizations by Demographics (Feb 15, 2020 - Dec 10, 2022) (based on 5,757 cases)
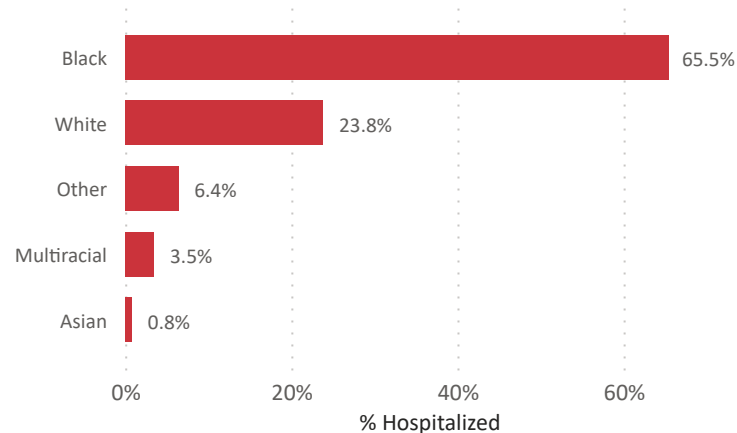
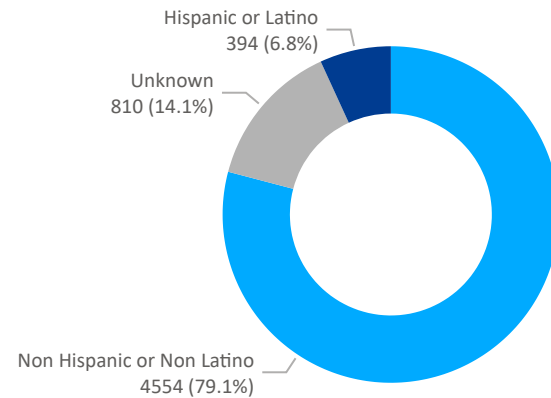### By Age

By Gender

Male 2701 (46.9%)
Female 3054 (53.1%)

By Race

Black 65.5%
White 23.8%
Other 6.4%
Multiracial 3.5%
Asian 0.8%

By Ethnicity

Hispanic or Latino 394 (6.8%)
Unknown 810 (14.1%)
Non Hispanic or Non Latino 4554 (79.1%)

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

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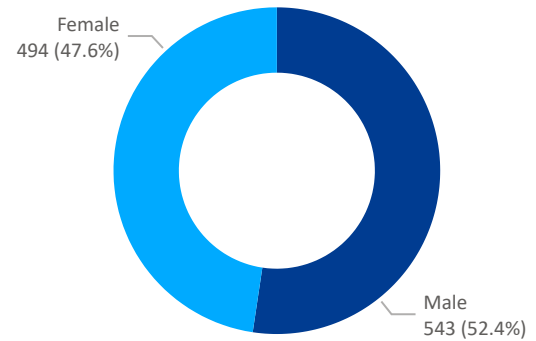Friday, December 16, 2022

Cleveland Department of Public Health

Total Deaths

Figure 12. City of Cleveland COVID-19 Deaths by Demographics (Feb 15, 2020 - Dec 10, 2022) (based on 1,037 cases)

By Age

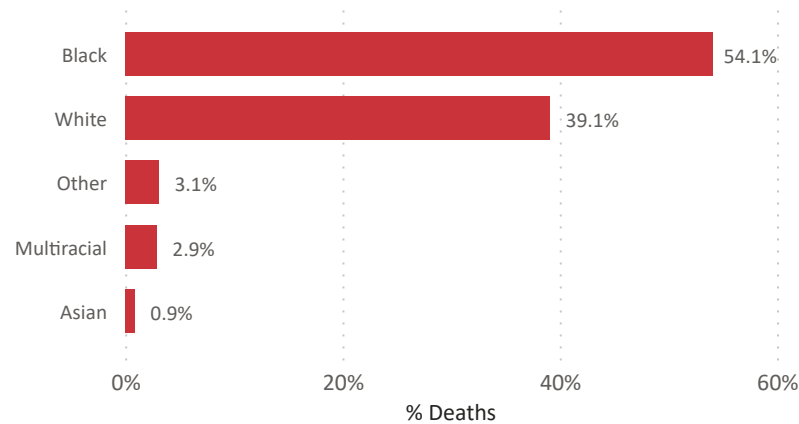| Age	% Deaths
0-19	0.1%
20-29	0.7%
30-39	2.0%
40-49	3.9%
50-59	12.2%
60-69	25.3%
70-79	25.4%
80+	30.5%

By Gender

Female 494 (47.6%)
Male 543 (52.4%)

By Race

Race	% Deaths
Black	54.1%
White	39.1%
Other	3.1%
Multiracial	2.9%
Asian	0.9%

By Ethnicity

Hispanic or Latino 89 (8.6%)
Non Hispanic or Non Latino 947 (91.3%)
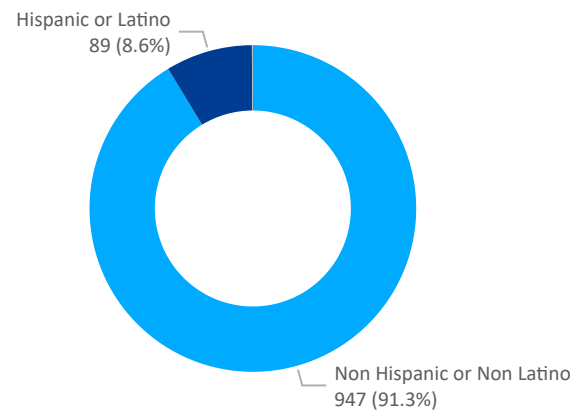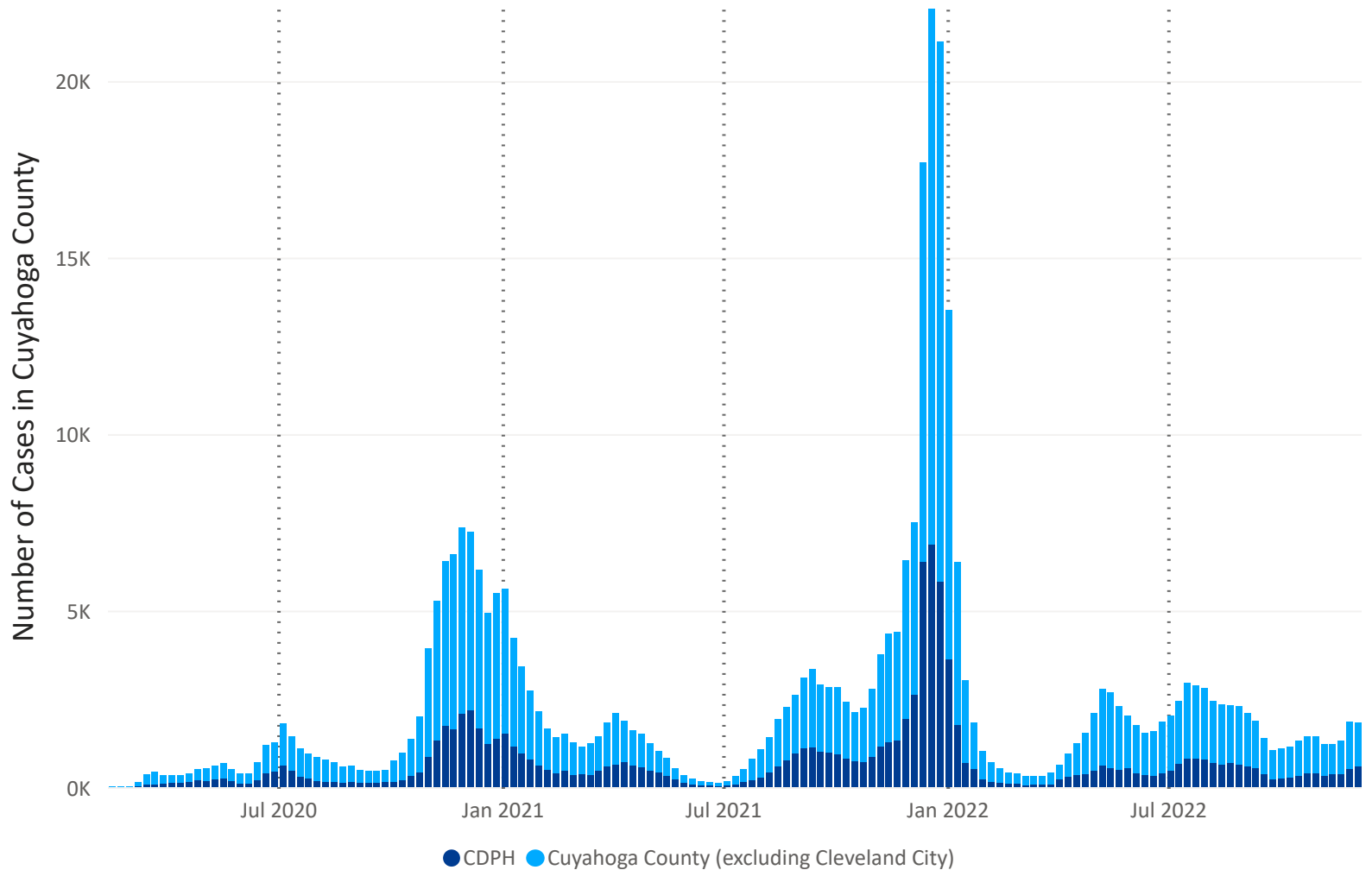
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City vs. County Comparisons—Total Number of Cases

Figure 13. Comparison of Total Number of Cases Between the City of Cleveland & Cuyahoga Count, Reported Weekly (Feb 15, 2020 - Dec 10, 2022)

97,896
Total Case in Cleveland City

337,293
Total Cases in Cuyahoga County

22.6 %
of Cuyahoga County Cases in Cleveland City

Note: According to the US Census Bureau, the City of Cleveland represents 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 - Dec 10, 2022)

5,757
Total Hospitalizations in Cleveland City

14,852
Total Hospitalizations in Cuyahoga County

28.5%
of Cuyahoga County Hospitalizations in Cleveland City

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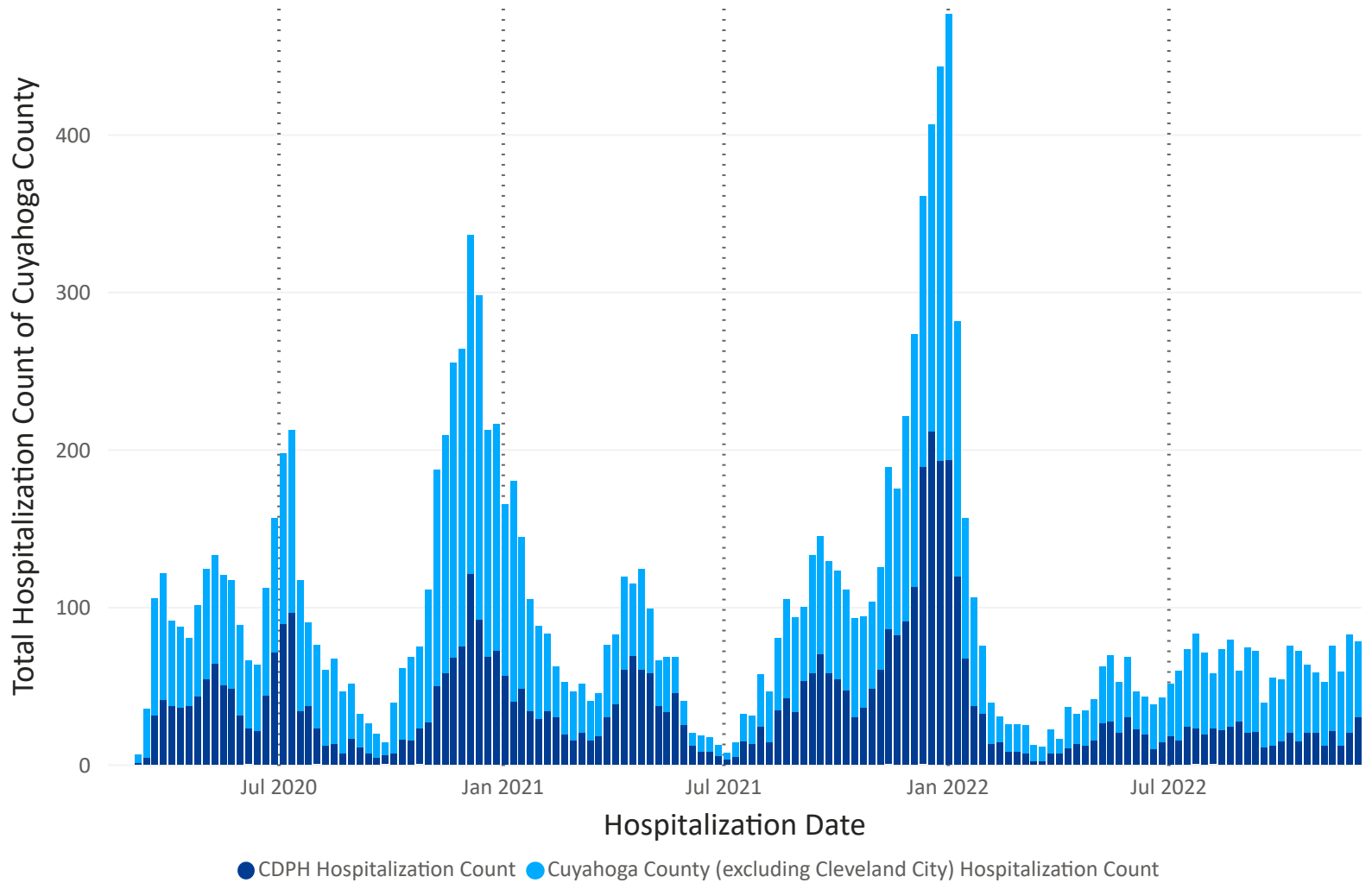Cleveland, Ohio 44114
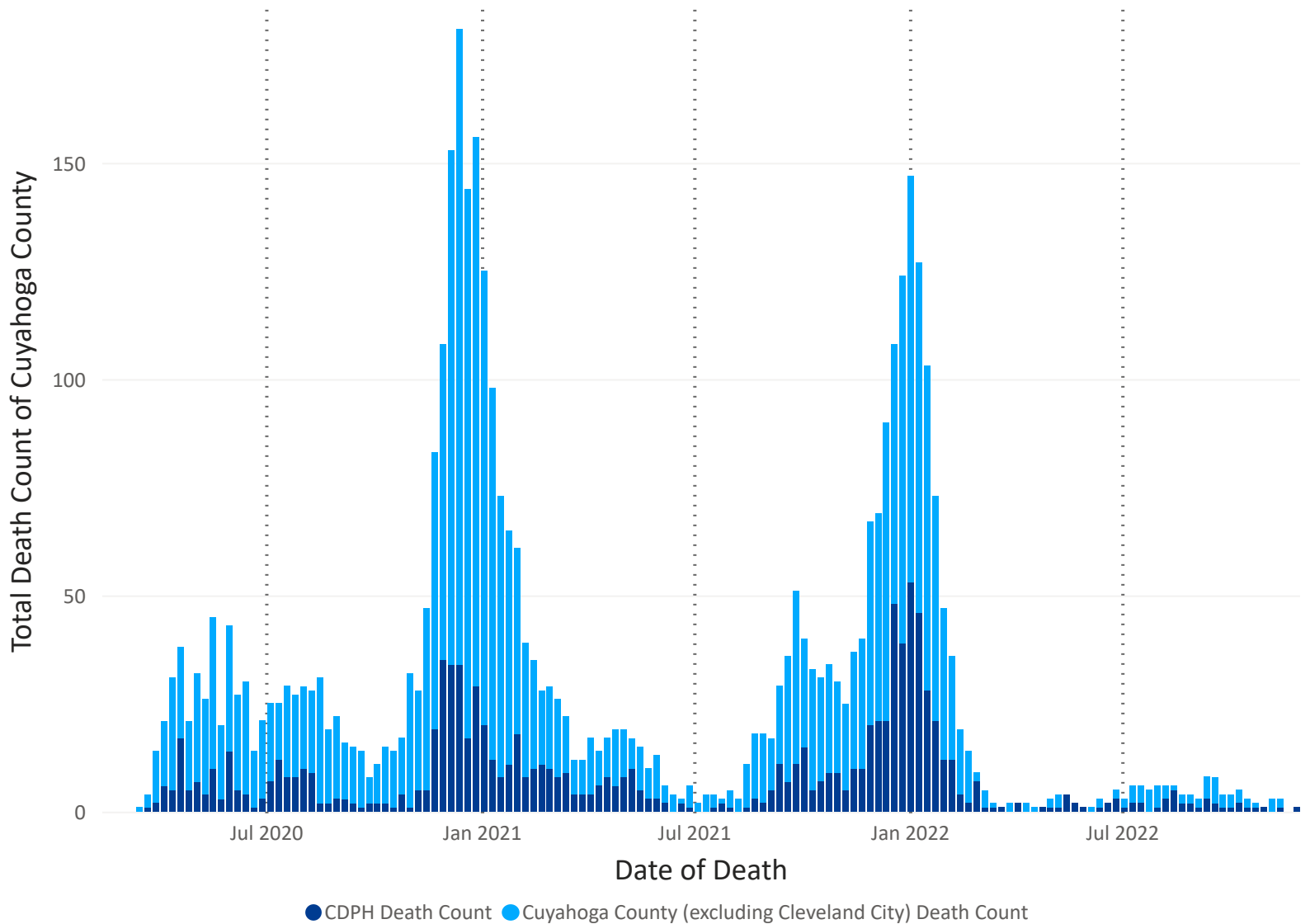Office: 216-420-7743
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City vs. County Comparisons—Deaths

Figure 15. Comparison of Death Counts Between the City of Cleveland & Cuyahoga County, Reported Weekly (Feb 15, 2020 - Dec 10, 2022)

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Disclaimers

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

Case Definitions: Confirmed: Meets confirmatory laboratory evidence. NOTE: People with no symptoms and with a confirmatory positive test are reportable as confirmed cases. **Probable:** 1} Does not have a confirmatory positive test but meets symptom(s) criteria **AND** has had close contact with someone who has a confirmed case of SARS-CoV-2. 2} Has a positive antigen test **AND** was reported on or after 11/1/2020. (For reports received prior to 11/1/2020: Has a positive antigen test **AND** either meets symptom(s) criteria **OR** has had close contact with someone who has a confirmed case of SARS-CoV-2). 3}No confirmatory positive test for but SARS-CoV-2 is listed on the death certificate as a cause of death.

Metadata

This data report reflects the period starting from February 15, 2020 through December 10, 2022 for the City of Cleveland, Ohio.

Total Cases represent confirmed and probable cases.

Cleveland City data and Cuyahoga County data are compiled on December 13, 2022 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, date reported is used as a substitute for the test date. The number of cases can vary based on date used for analysis.

Primary Source: Cleveland Department of Public Health

Organization: Cleveland Department of Public Health

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