Dekalb COVID-19 Epidemiology Report

November 4, 2022

DEKALB COUNTY Board of Health
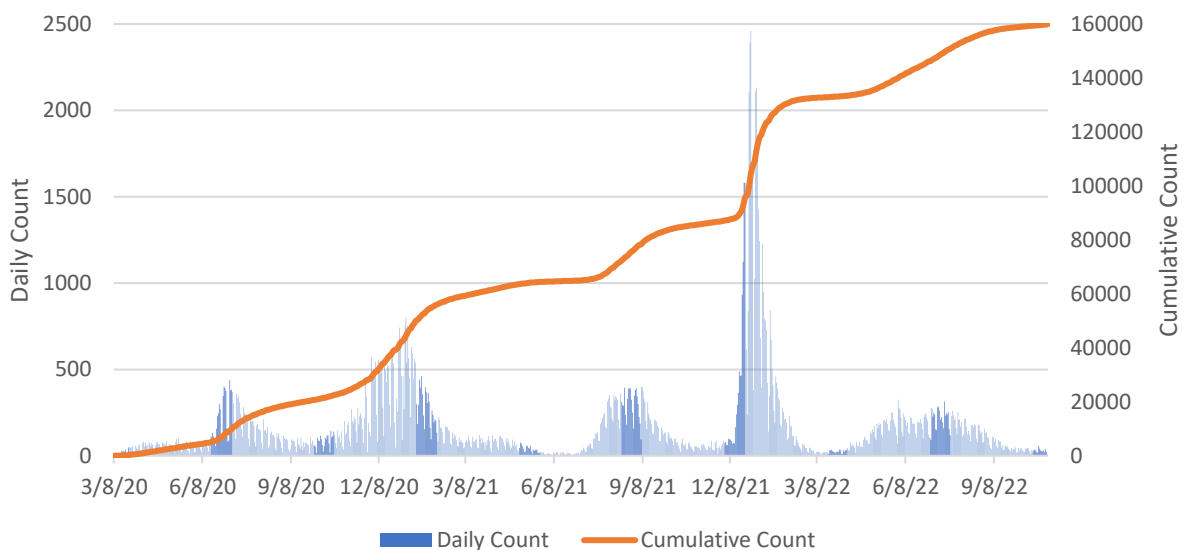
Overview

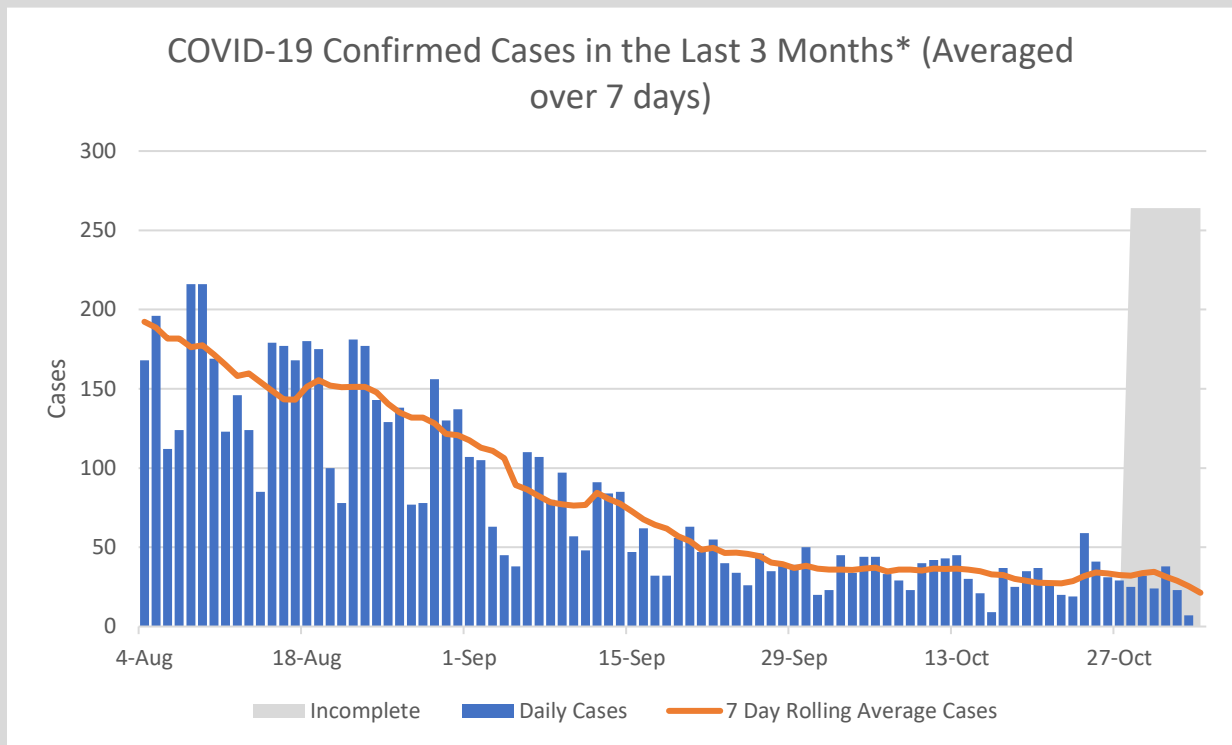| **159,825** Confirmed cases | **7.4%** of cases in Georgia are in DeKalb | **29.1** cases per 100K people in the last 7 days | **9,509** hospitalizations | **1,682** deaths |

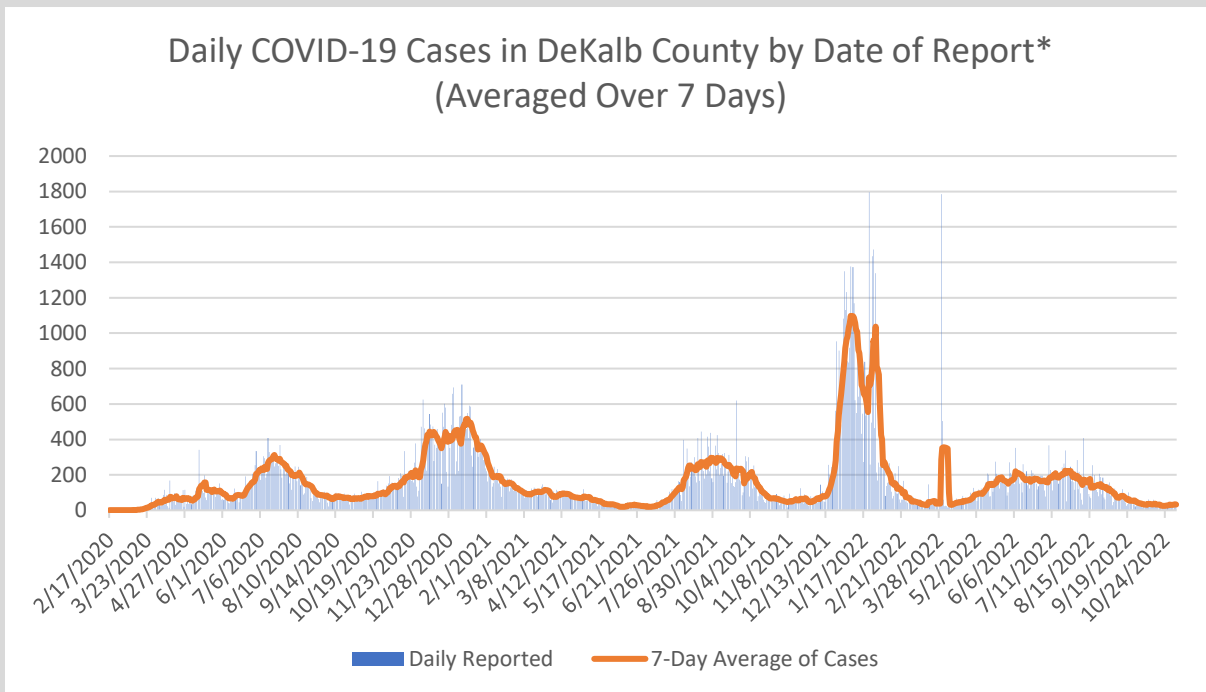
Daily and Cumulative COVID-19 Case Counts, DeKalb County*

*Counts shown reflect the number of confirmed cases as of 11/3/22 using the date of first positive sample collection. Where date of first positive sample collection were not available, the date of report creation in GA SENDSS was used instead. **Note: All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts, particularly within the last week.

- As of November 3, DeKalb County has reported 159,825 confirmed cases of 2019 novel coronavirus disease (COVID-19) and 1,682 confirmed COVID-19 deaths, an increase of 318 cases (+0.2%) and 9 deaths (+0.5%) since the last report on October 27. Confirmed cases only count cases with a positive PCR test, and do not include antigen tests, at-home tests, or antibody tests.
- During the week of 10/27 to 11/2, DeKalb County had "low" community levels, with 29.11 new COVID-19 cases per 100,000 people in the last 7 days, 7.5 new COVID-19 hospital admissions per 100,000 people in Dekalb, and a 2.8% inpatient bed utilization rate for COVID-19 patients
- 416 COVID-19 cases (52 cases per 100,000 population) were diagnosed in the most recent 14-days (10/15-10/28), a **16.0% DECREASE** from the previous 14-days (10/1-10/14).
- Of all persons diagnosed with COVID-19 in DeKalb, 5.9% needed hospitalization and 1.1% died
- As of November 2, Georgia Department of Public Health reported that DeKalb accounted for 7.4% of the total number of COVID-19 cases in Georgia to date

Other Case Count Metrics

COVID-19 Confirmed Cases in the Last 3 Months* (Averaged over 7 days)

Legend: Incomplete | Daily Cases | 7 Day Rolling Average Cases

*Counts shown reflect the number of confirmed cases as of 11/3/2022 using date of collection. All data reported are preliminary and subject to change. Positive cases from the last 7 days (gray area) are still being collected, and likely to increase.

Daily COVID-19 Cases in DeKalb County by Date of Report* (Averaged Over 7 Days)
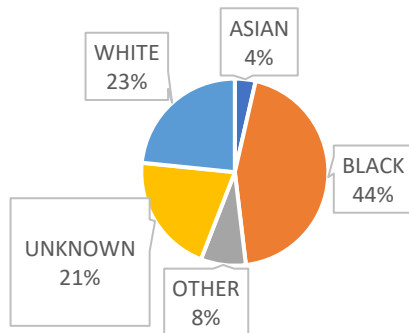

Legend: Daily Reported | 7-Day Average of Cases

*Counts shown reflect the number of confirmed cases as of 11/3/2022 using date of report creating in GA SendSS. All data reported are preliminary and subject to change. ** Note: GDPH reported a data backlog of approximately 9,600 previously unreported cases statewide on 3/30/2022.
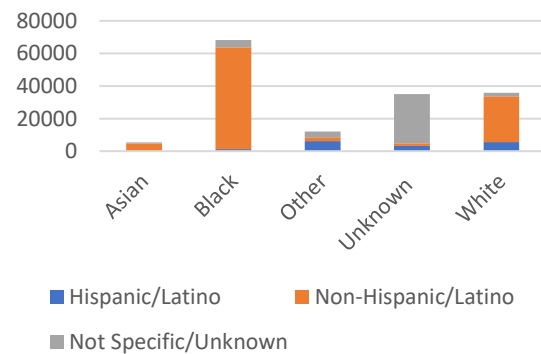
Demographic Distribution of COVID Cases

Demographics		
Gender	N	%
Female	89706	56.1%
Male	69071	43.2%
Unknown	1048	0.7%
Age		
9 and Under	11906	7.4%
10 to 19	16638	10.4%
20 to 29	30112	18.8%
30 to 39	31673	19.8%
40 to 49	24490	15.3%
50 to 59	20788	13.0%
60 to 69	13570	8.5%
70 and Over	10535	6.6%
Unknown	113	0.1%
Race		
Asian	5726	3.6%
Black	71140	44.5%
Other	12451	7.8%
Unknown	33087	20.7%
White	37421	23.4%
Ethnicity		
Hispanic/Latino	17164	10.7%
Non-Hispanic/Latino	103269	64.6%
Not Specific/Unknown	39392	24.6%

COVID-19 Cases by Race, DeKalb County

ASIAN 4%
WHITE 23%
BLACK 44%
UNKNOWN 21%
OTHER 8%

COVID-19 Cases by Race and Ethnicity, DeKalb County

■ Hispanic/Latino ■ Non-Hispanic/Latino ■ Not Specific/Unknown

Categories: Asian, Black, Other, Unknown, White
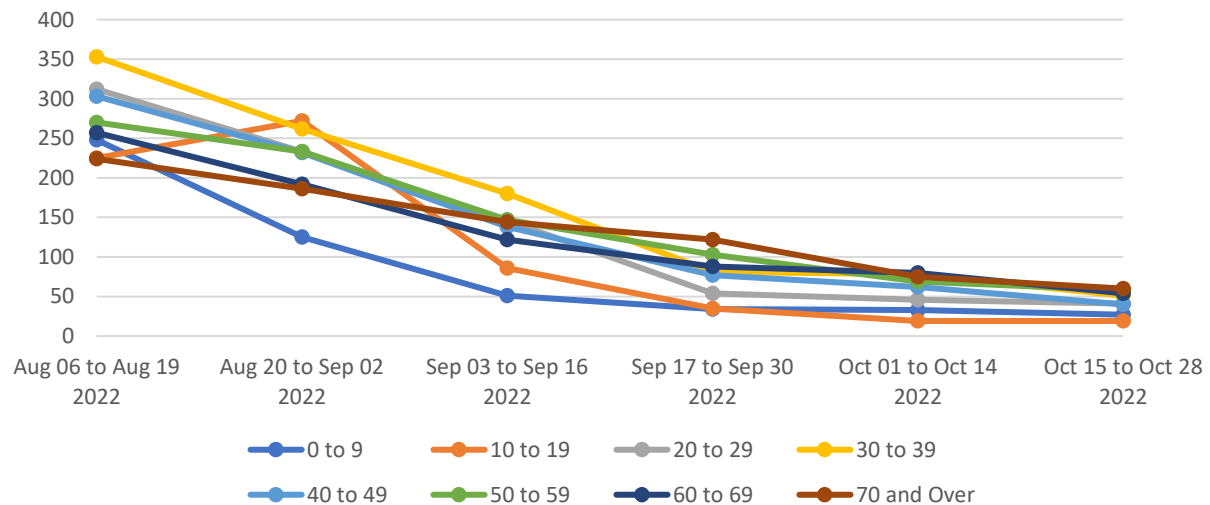
*"Other" includes Native Hawaiian/Pacific Islander and American Indian/Native American

Age Distribution of COVID Cases

Trends in Age Distribution of COVID-19 Cases in DeKalb County by 14-day periods

Legend: 0 to 9, 10 to 19, 20 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, 70 and Over
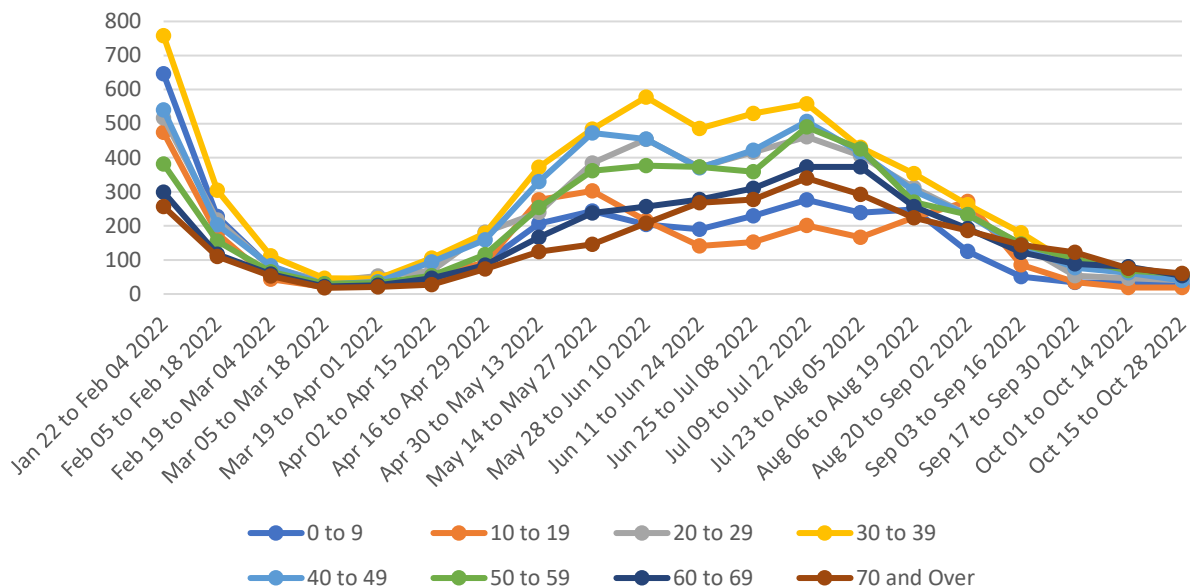
Trends in Age Distribution of COVID-19 Cases in DeKalb County in the Most Recent 12 Weeks

Legend: 0 to 9, 10 to 19, 20 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, 70 and Over

*Counts shown reflect the number of confirmed cases as of 11/3/22 using the date of first positive sample collection. Where date of first positive sample collection were not available, the date of report creation in GA SENDSS was used instead. All data reported are preliminary and subject to change.

COVID-19 Testing and Positivity

Trends in positive COVID-19 PCR Tests in DeKalb County by 14-day Periods

Legend: All PCR Tests (blue bars), Percent Positivity (line)

Data labels (Percent Positivity): 12.3%, 6.3%, 2.7%, 1.3%, 1.6%, 3.2%, 5.4%, 10.0%, 12.8%, 16.1%, 17.1%, 19.5%, 20.7%, 20.2%, 16.?, 13.7%, 9.7%, 5.9%, 4.9%, 4.4%

X-axis periods: Jan 22 to Feb 04 2022, Feb 05 to Feb 18 2022, Feb 19 to Mar 04 2022, Mar 05 to Mar 18 2022, Mar 19 to Apr 01 2022, Apr 02 to Apr 15 2022, Apr 16 to Apr 29 2022, Apr 30 to May 13 2022, May 14 to May 27 2022, May 28 to Jun 10 2022, Jun 11 to Jun 24 2022, Jun 25 to Jul 08 2022, Jul 09 to Jul 22 2022, Jul 23 to Aug 05 2022, Aug 06 to Aug 19 2022, Aug 20 to Sep 02 2022, Sep 03 to Sep 16 2022, Sep 17 to Sep 30 2022, Oct 01 to Oct 14 2022, Oct 15 to Oct 28 2022

*Data as of 11/2/2022. Only data on Polymerase Chain Reaction (PCR) tests were included. All data reported are preliminary and subject to change

COVID-19 Deaths in DeKalb County Daily by Date of Case Report (Averaged over 7 days)

Legend: Daily Cases | 7 Day Average of Deaths
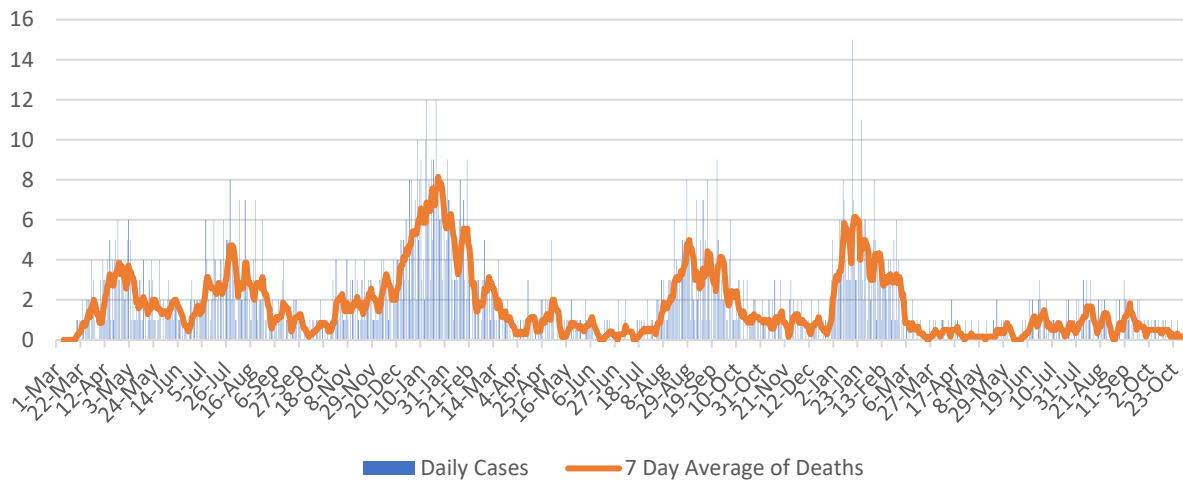
COVID-19 Deaths in Georgia Daily by Date of Case Report (Averaged over 7 days)

Legend: Daily Deaths | 7 Day Average of Deaths
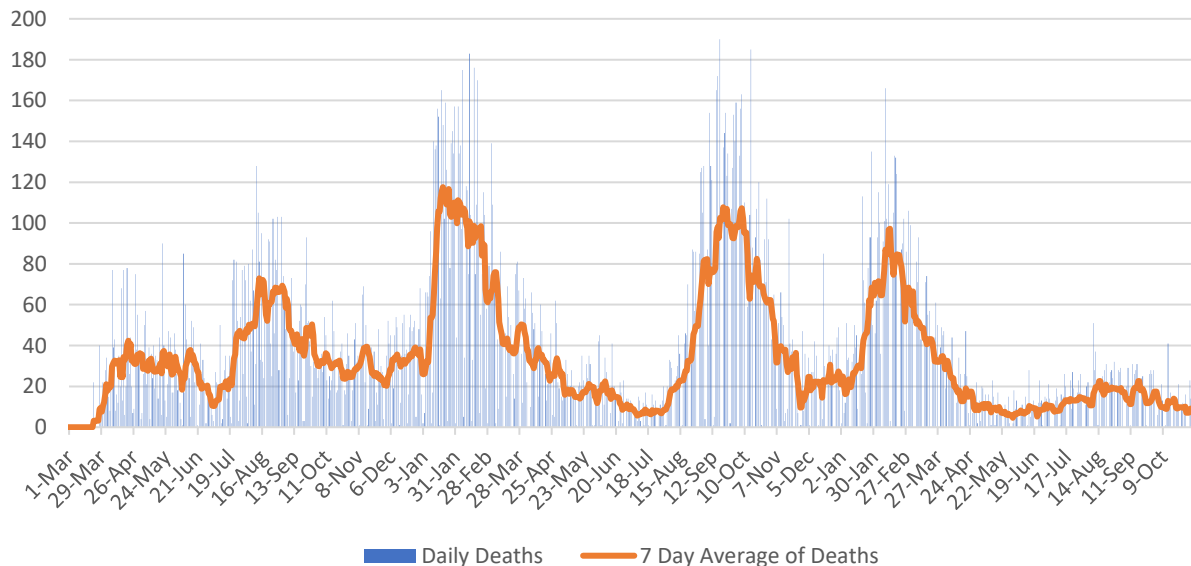
*DeKalb County Data as of 11/3/2022. Georgia data as 11/2/2022. Date of case reported used. All data reported are preliminary and subject to change.

Total COVID-19 Related Hospitalizations/Deaths in DeKalb County, GA	Count	%
Hospitalization		
Needed Hospitalization	9509	5.9%
Not Known to Have Been Hospitalized	150316	94.1%
Deaths		
Died	1682	1.1%

COVID-19 Related Death Demographics

COVID-19 Related Deaths by Age, DeKalb County

COVID-19 Related Deaths by Race and Ethnicity, DeKalb County
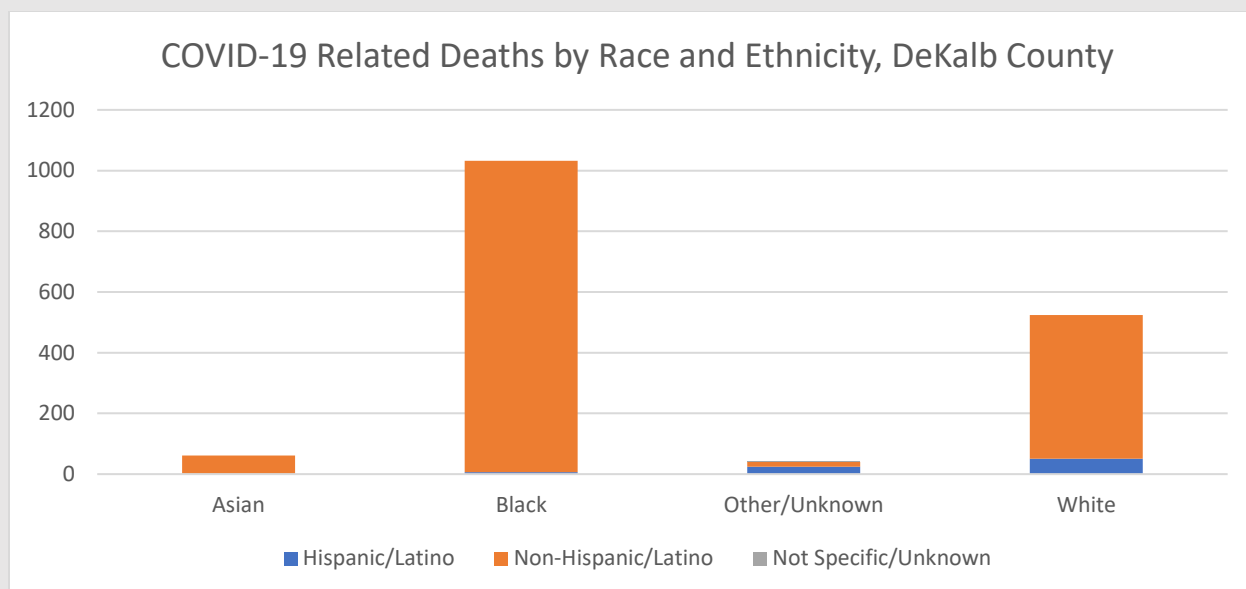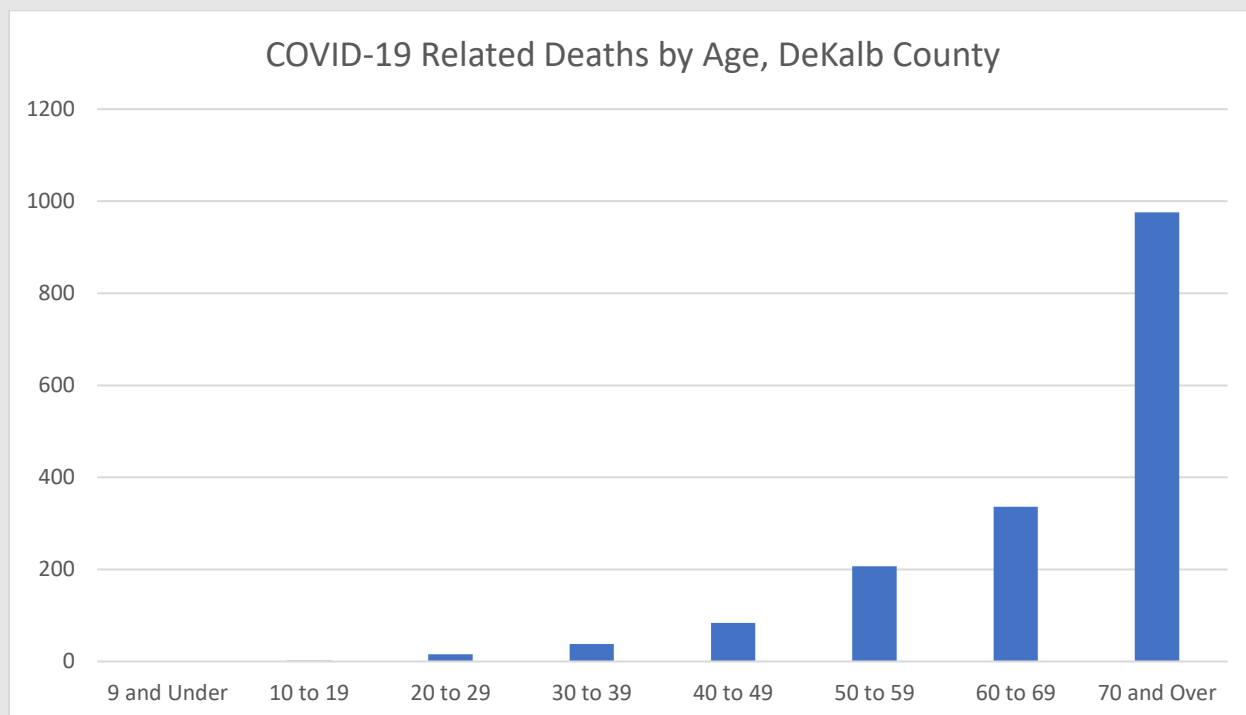
**"Other" includes Native Hawaiian/Pacific Islander and American Indian/Native American

Map of Change in COVID-19 Cases by Zip Code

**DeKalb County, Georgia
Percent Change Diagnosed
Confirmed COVID-19 Cases
9/30-10/13 to 10/14-10/27**

% Change

- Increasing: 5% or greater change
- Decreasing: -5% or greater change
- Less than 5% change
- Not Calculated: <5 cases reported

30350
30328
30338
30360
30346
30342
30071
30340 30093
30319
30341
30326
30345
30084
30329
30324
30033
30021
30083
30087
30322
30079
30306
30307
30030
30002
30088
30039
30317
30032
30058
30035
30316
30034
30012
30315
30094
30354 30288
30294
30038
30281

N
W E
S

0 1 2 3 4 5 6 Miles

Note: Data are not complete
Created: November 4, 2022
Projection: GA State Plane West
Source: DeKalb County Board of Health and Georgia Department of Public
Health, State Electronic Notifiable Disease Surveillance System

*Note: Please see table below for more details on COVID-19 cases reported by zip code.

Table of COVID-19 Cases by Zip Code

Zip	Previous 10/27	Current 11/3	Percent of Total	Previous 14 Days 10/15-10/28	Recent 14 Days 10/1-10/14	Percent Change in 14-day periods
All DeKalb	159507	159825	100.0%	495	416	-16.0%
30058	12302	12318	7.7%	36	19	-47.2%
30083	10685	10703	6.7%	19	21	10.5%
30034	10521	10532	6.6%	25	18	-28.0%
30032	9708	9725	6.1%	28	15	-46.4%
30038	9401	9417	5.9%	32	16	-50.0%
30319	8112	8131	5.1%	25	28	12.0%
30338	7144	7162	4.5%	19	19	0.0%
30341	6946	6960	4.4%	18	18	0.0%
30329	6490	6510	4.1%	23	25	8.7%
30033	6302	6324	4.0%	31	19	-38.7%
30084	5926	5933	3.7%	18	15	-16.7%
30030	5809	5830	3.6%	30	21	-30.0%
30088	5533	5540	3.5%	14	11	-21.4%
30087	5344	5356	3.4%	24	18	-25.0%
30340	5273	5278	3.3%	8	11	37.5%
30316	5136	5150	3.2%	20	18	-10.0%
30345	4886	4895	3.1%	26	18	-30.8%
30035	4610	4616	2.9%	18	9	-50.0%
30294	4452	4459	2.8%	11	15	36.4%
30021	3973	3977	2.5%	8	10	25.0%
30317	2912	2919	1.8%	13	11	-15.4%
30360	2820	2824	1.8%	11	8	-27.3%
30307	2478	2487	1.6%	7	9	28.6%
30306	1568	1574	1.0%	<5	7	NA
30346	1214	1218	0.8%	<5	5	NA
30002	1100	1104	0.7%	6	6	0.0%
30324	1003	1008	0.6%	<5	5	NA
30322	830	832	0.5%	<5	<5	NA
30288	760	763	0.5%	<5	<5	NA
30079	716	718	0.4%	<5	<5	NA
30350	536	536	0.3%	<5	<5	NA
30328	302	302	0.2%	<5	<5	NA
30039	158	159	0.1%	<5	<5	NA
30072	123	123	0.1%	<5	<5	NA
30094	99	99	0.1%	<5	<5	NA
30012	71	71	0.0%	<5	<5	NA
30315	28	28	0.0%	<5	<5	NA
Unknown	4236	4244	2.7%	<5	<5	NA

*To account for reporting lag of new diagnoses, the 14-day periods were calculated from a week prior. Data cleaning may lead to reassignment of cases from one territory to another based on corrected addresses which may appear as "decreases" when compared to previous counts. Zip codes with fewer than 5 cases reported were omitted from the table. "Unknown" includes Dekalb residents without a zip code or with an incorrectly entered zip code.
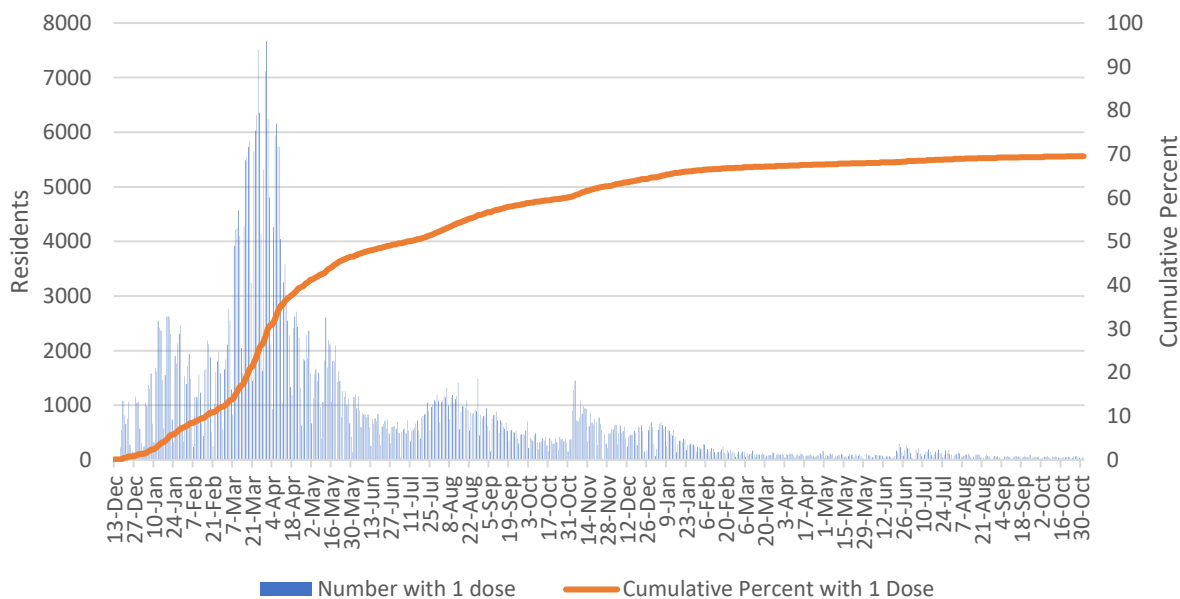
Vaccination Overview

1,347,437 total doses administered**
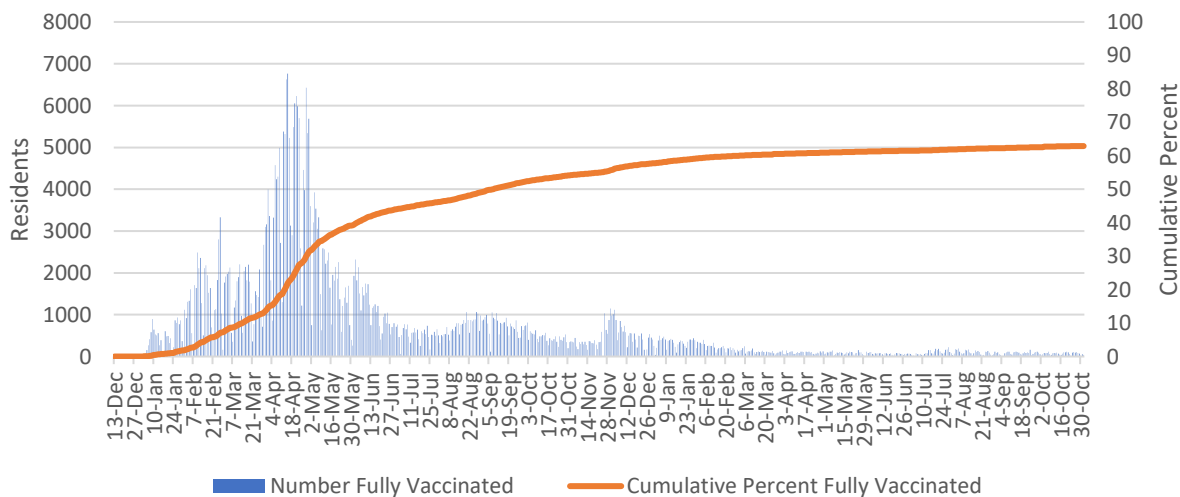
70% of residents with at least <u>one dose</u>

63% of residents <u>fully vaccinated</u>

33% residents have an <u>additional dose</u>***
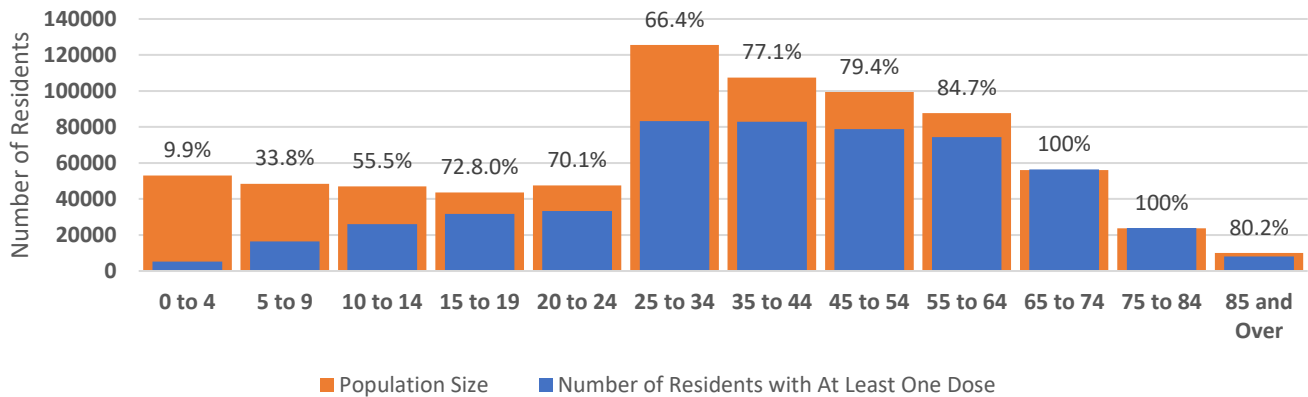
DeKalb County Residents with At Least 1 Dose

Legend: Number with 1 dose — Cumulative Percent with 1 Dose

Fully Vaccinated Dekalb County Residents

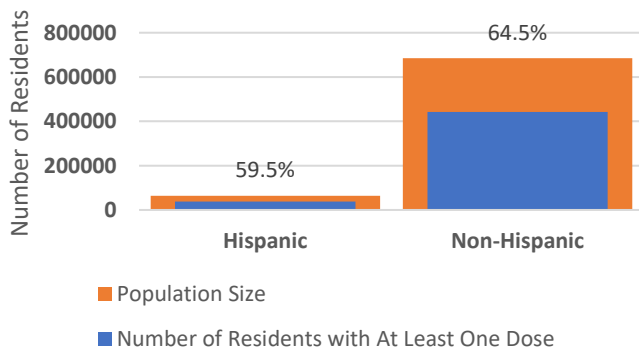Legend: Number Fully Vaccinated — Cumulative Percent Fully Vaccinated

*Counts shown reflect the number of vaccinated residents as of 11/2/2022 using the date of administration. A completed vaccination course refers to an individual receiving two doses of a two-dose series, or one dose of a one-dose series. Individuals are considered fully vaccinated 14 days after their final dose. **Note: All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts. ***Note: Additional dose includes booster doses and third doses for immunocompromised persons
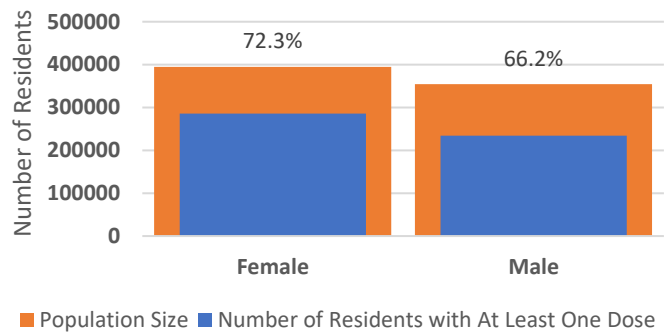
Vaccination Demographics
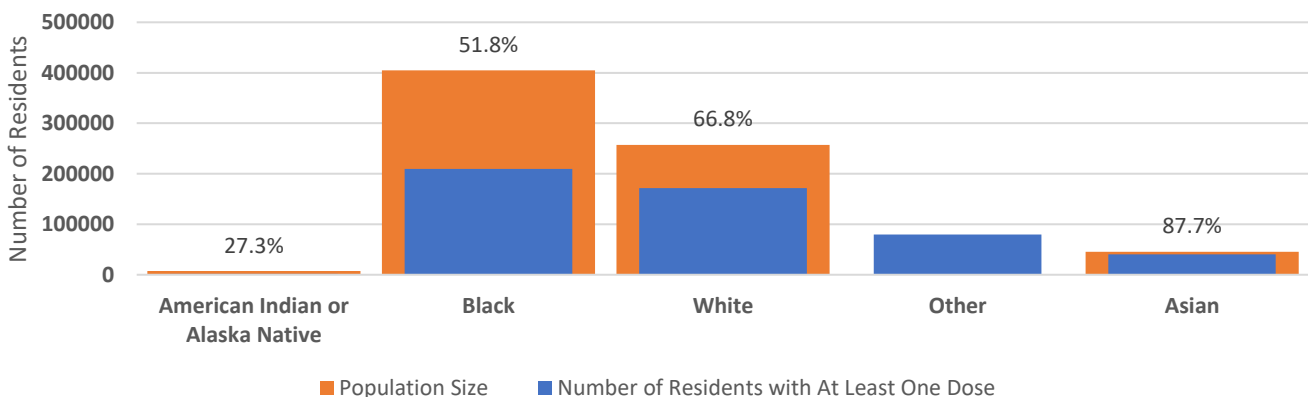
Residents with at least one dose by age

Number of Residents (y-axis: 0 to 140000)

Age group	Percentage
0 to 4	9.9%
5 to 9	33.8%
10 to 14	55.5%
15 to 19	72.8.0%
20 to 24	70.1%
25 to 34	66.4%
35 to 44	77.1%
45 to 54	79.4%
55 to 64	84.7%
65 to 74	100%
75 to 84	100%
85 and Over	80.2%

■ Population Size ■ Number of Residents with At Least One Dose

Residents with at least one dose by ethnicity

Number of Residents (y-axis: 0 to 800000)

- Hispanic: 59.5%
- Non-Hispanic: 64.5%

■ Population Size
■ Number of Residents with At Least One Dose

Residents with at least one dose by gender

Number of Residents (y-axis: 0 to 500000)

- Female: 72.3%
- Male: 66.2%

■ Population Size ■ Number of Residents with At Least One Dose

Residents with at least one dose by race

Number of Residents (y-axis: 0 to 500000)

- American Indian or Alaska Native: 27.3%
- Black: 51.8%
- White: 66.8%
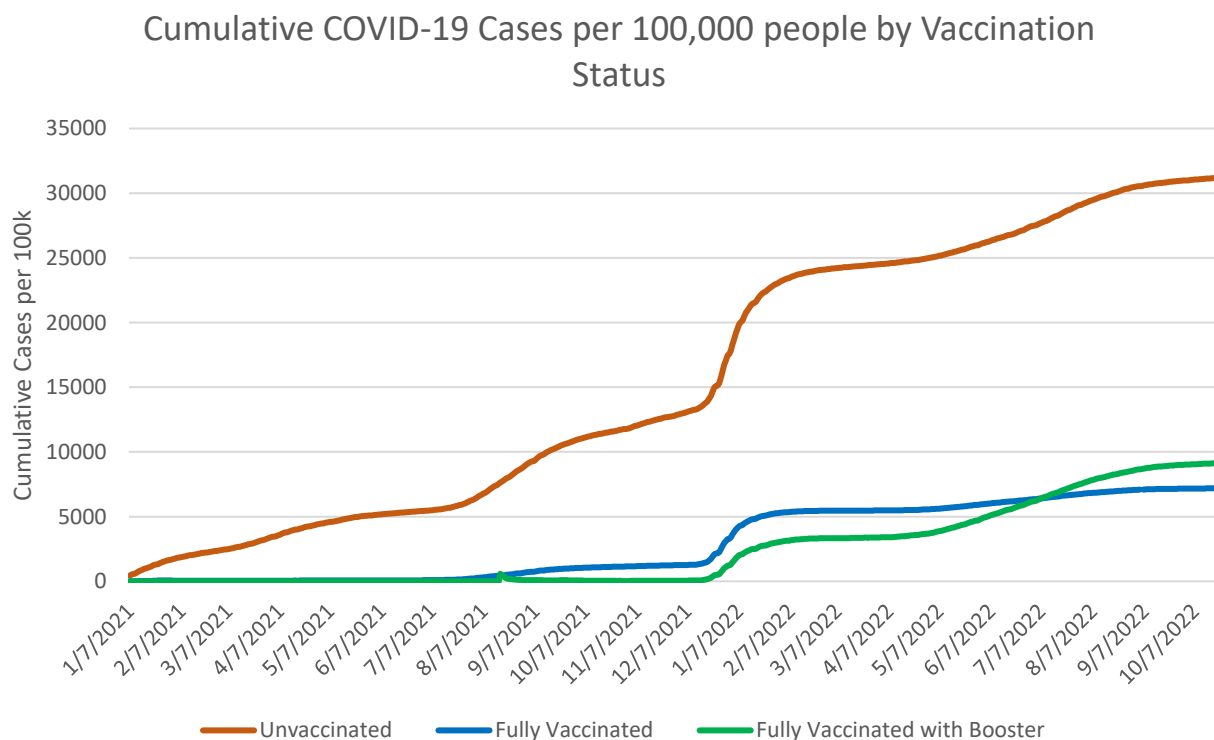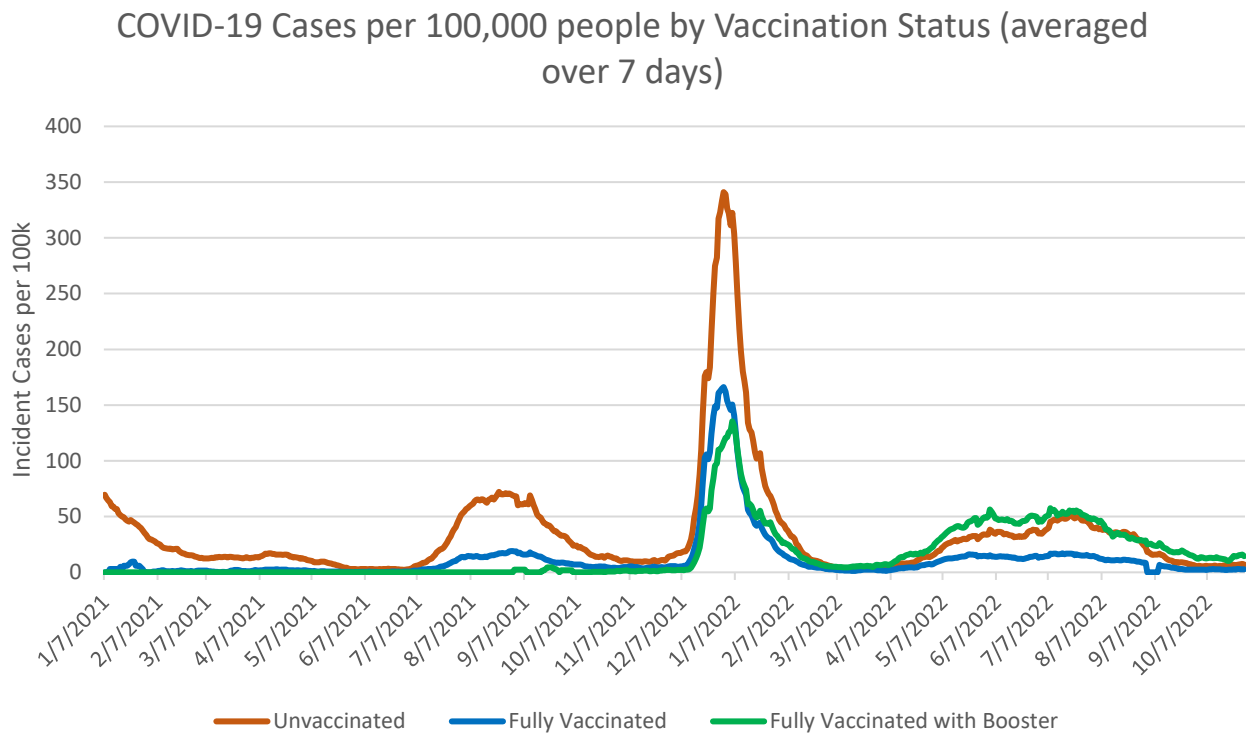- Other: (no percentage shown)
- Asian: 87.7%

■ Population Size ■ Number of Residents with At Least One Dose

*Counts shown reflect the number of residents with at least one dose of a COVID-19 vaccine as of 11/2/2022. These graphs do not include: 588 individuals (0.1%) with unknown gender, 17,468 individuals (3.4%) with unknown race, and 41,215 individuals (7.9%) with unknown ethnicity.

**All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts.

Cases by Vaccination Status

COVID-19 Cases per 100,000 people by Vaccination Status (averaged over 7 days)

Incident Cases per 100k

Legend: Unvaccinated — Fully Vaccinated — Fully Vaccinated with Booster

Cumulative COVID-19 Cases per 100,000 people by Vaccination Status

Cumulative Cases per 100k

Legend: Unvaccinated — Fully Vaccinated — Fully Vaccinated with Booster

*Note: An individual is considered fully vaccinated if it has been at least 14 days (2 weeks) since the completion of the COVID-19 vaccination series (two doses in a two-dose series OR one dose in a one-dose series). Vaccination data obtained from the Georgia Department of Public Health's COVID-19 vaccination dashboard, last updated on 11/2/2022.

Case Outcomes by Vaccination Status

Confirmed Cases Hospitalized for Any Reason by Vaccination Status

7.4%

15.1%

77.5%
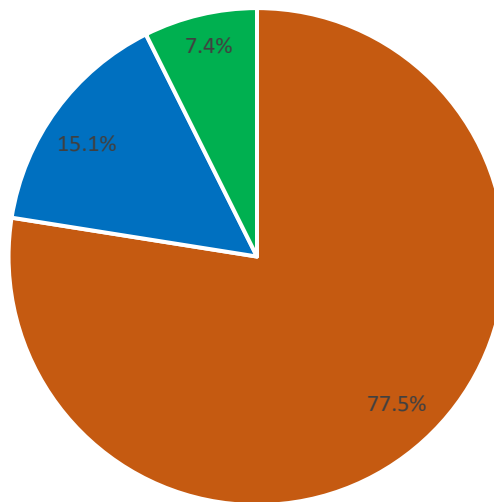
■ Unvaccinated   ■ Fully Vaccinated without Booster   ■ Fully Vaccinated with Booster

In accordance with DPH, data is displayed as confirmed cases hospitalized "for any reason" and tested positive for COVID-19. Hospitalizations are not necessarily due to the COVID-19 infection.
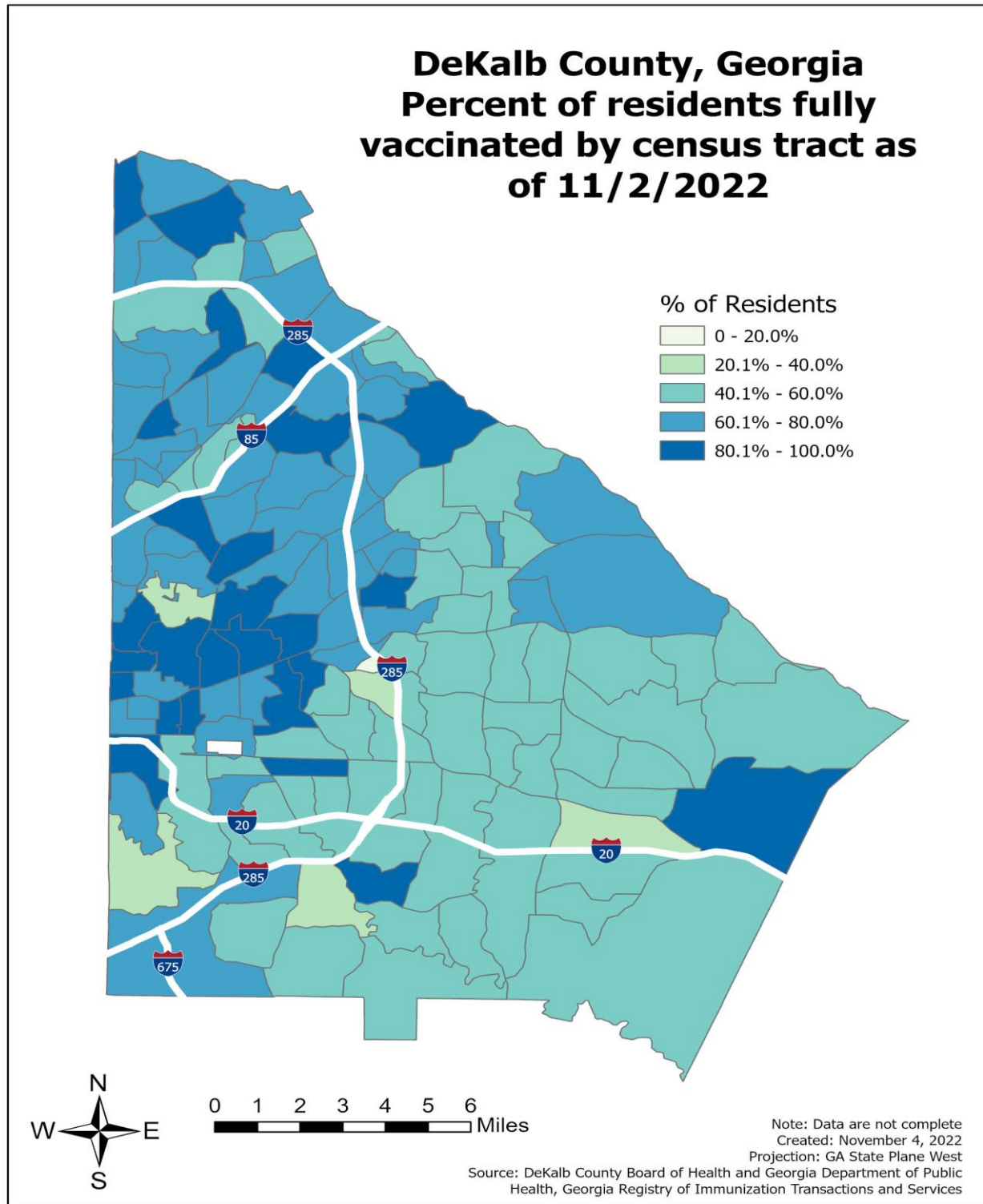
Confirmed COVID-19 Deaths by Vaccination Status
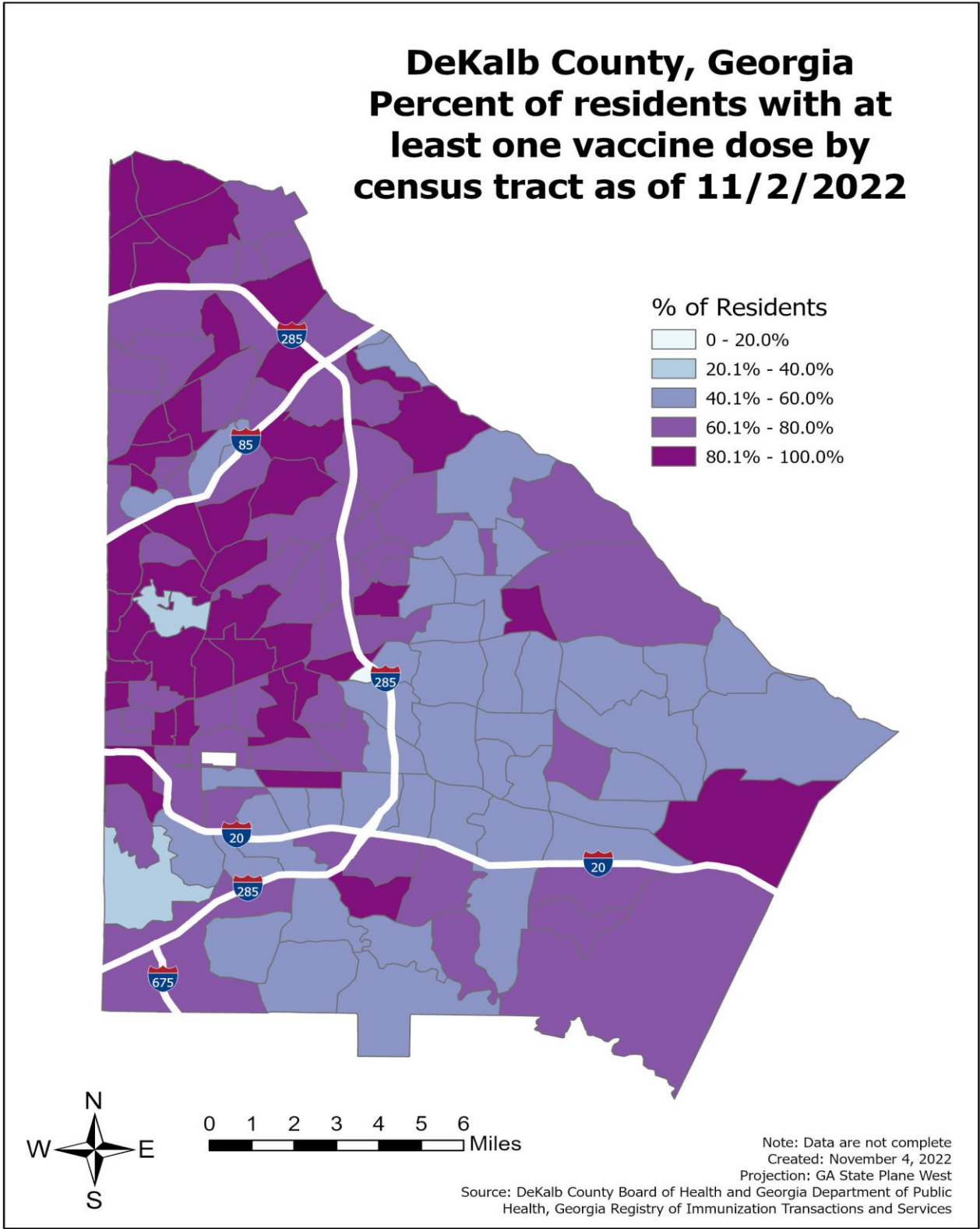

7.9%

16.6%

75.5%
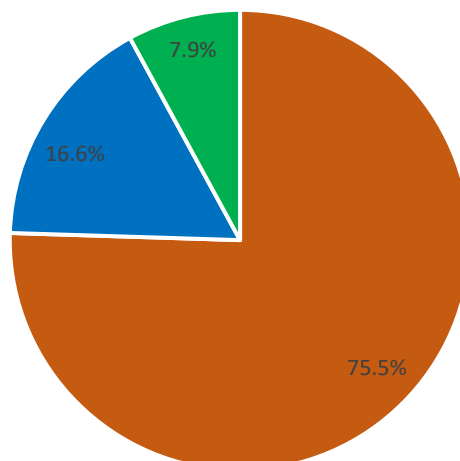
■ Unvaccinated   ■ Fully Vaccinated without Booster   ■ Fully Vaccinated with Booster

Note: Data reflects cases with an onset between 1/15/2021 and 10/27/2022

**DeKalb County, Georgia
Percent of residents fully
vaccinated by census tract as
of 11/2/2022**

% of Residents
- 0 - 20.0%
- 20.1% - 40.0%
- 40.1% - 60.0%
- 60.1% - 80.0%
- 80.1% - 100.0%

Note: Data are not complete
Created: November 4, 2022
Projection: GA State Plane West
Source: DeKalb County Board of Health and Georgia Department of Public
Health, Georgia Registry of Immunization Transactions and Services

*Note: An individual is considered fully vaccinated if it has been at least 14 days (2 weeks) since the completion of the COVID-19 vaccination series (two doses in a two-dose series OR one dose in a one-dose series). Data obtained from the Georgia Department of Public Health's COVID-19 vaccination dashboard, last updated on 11/2/2022

**DeKalb County, Georgia
Percent of residents with at
least one vaccine dose by
census tract as of 11/2/2022**

% of Residents

0 - 20.0%
20.1% - 40.0%
40.1% - 60.0%
60.1% - 80.0%
80.1% - 100.0%

Note: Data are not complete
Created: November 4, 2022
Projection: GA State Plane West
Source: DeKalb County Board of Health and Georgia Department of Public
Health, Georgia Registry of Immunization Transactions and Services

*Note: Data obtained from the Georgia Department of Public Health's COVID-19 vaccination dashboard, last updated on
11/2/2022