Dekalb COVID-19 Epidemiology Report

September 30, 2022

Overview

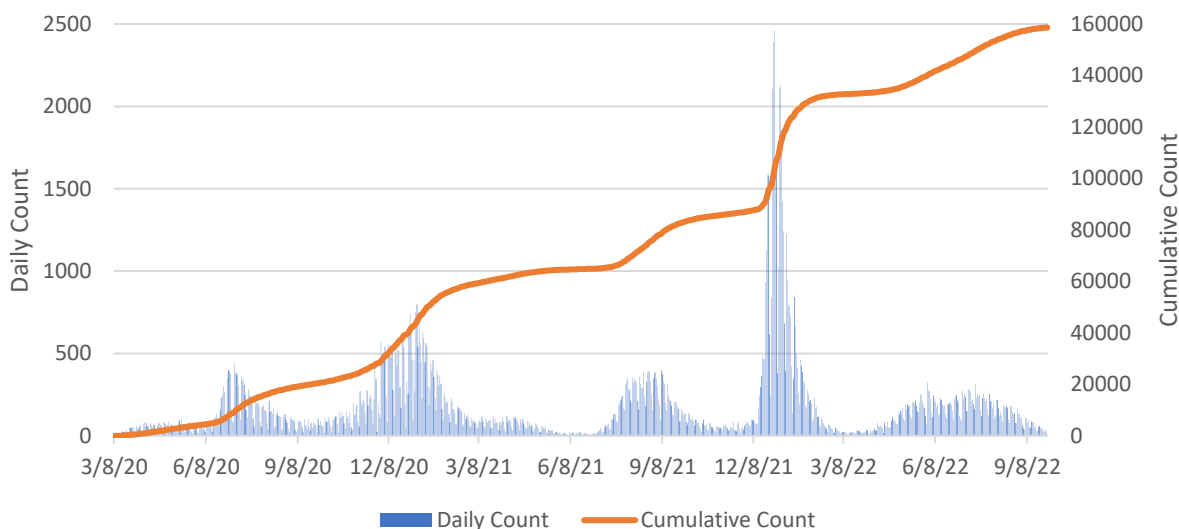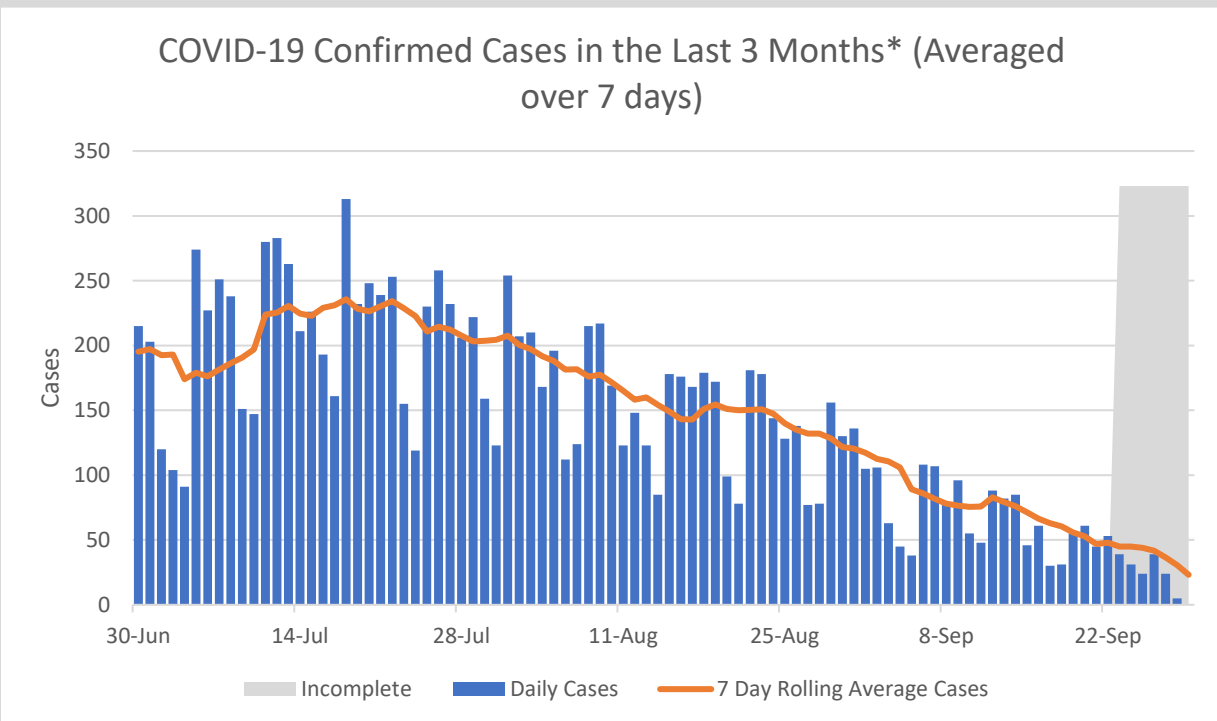| 158,602 Confirmed cases | 7.4% of cases in Georgia are in DeKalb | 56.5 cases per 100K people in the last 7 days | 9,346 hospitalizations | 1,657 deaths |

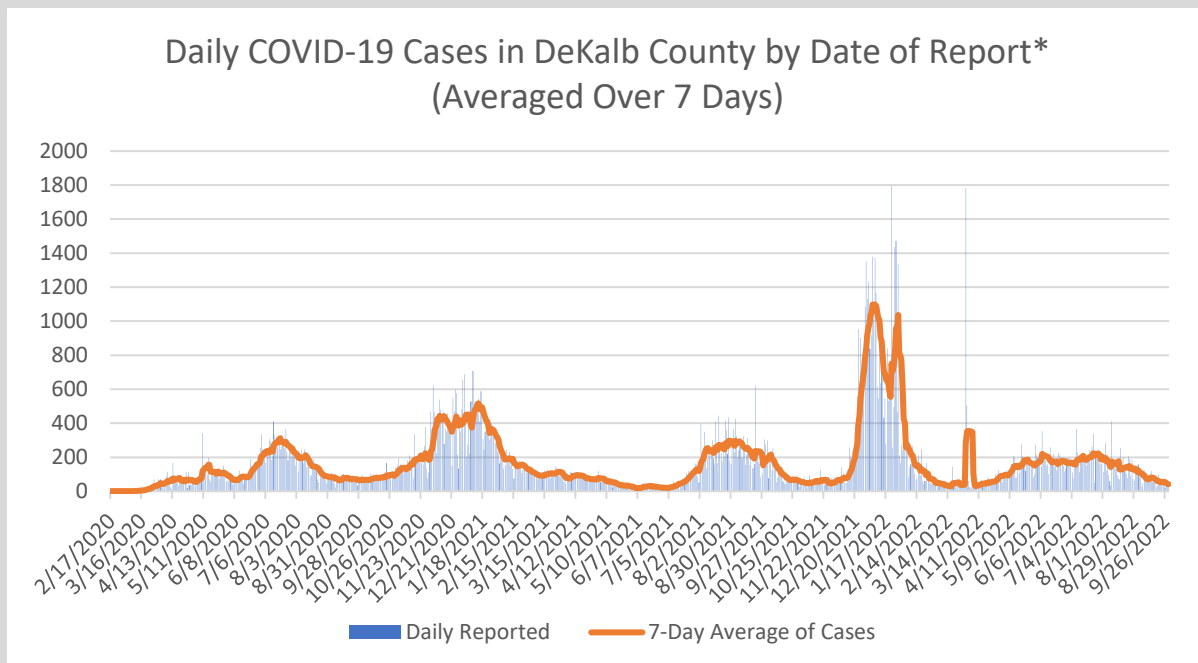
Daily and Cumulative COVID-19 Case Counts, DeKalb County*

*Counts shown reflect the number of confirmed cases as of 9/29/22 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 September 29, DeKalb County has reported 158,602 confirmed cases of 2019 novel coronavirus disease (COVID-19) and 1,657 confirmed COVID-19 deaths, an increase of 381 cases (+0.2%) and 7 deaths (+0.4%) since the last report on September 23. 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 9/22 to 9/28 DeKalb County had "low" community levels, with 56.5 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 3.7% inpatient bed utilization rate for COVID-19 patients
- 779 COVID-19 cases (98 cases per 100,000 population) were diagnosed in the most recent 14-days (9/10-9/23), a **41.2% DECREASE** from the previous 14-days (8/27-9/9)
- Of all persons diagnosed with COVID-19 in DeKalb, 5.9% needed hospitalization and 1.0% died
- As of September 28, Georgia Department of Public Health reported that DeKalb accounted for 7.4% of the total number of COVID-19 cases in Georgia to date

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 9/29/2022 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)
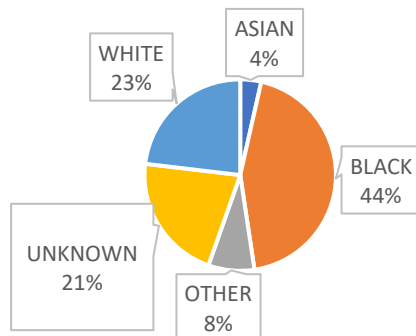

Legend: Daily Reported | 7-Day Average of Cases

*Counts shown reflect the number of confirmed cases as of 9/29/2022 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.
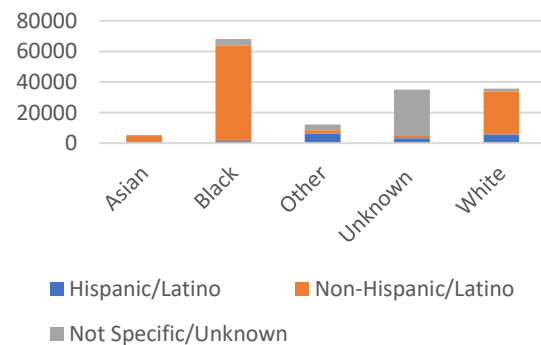
Demographic Distribution of COVID Cases

Demographics		
Gender	N	%
Female	88934	56.1%
Male	68572	43.2%
Unknown	1096	0.7%
Age		
9 and Under	11836	7.5%
10 to 19	16582	10.5%
20 to 29	29996	18.9%
30 to 39	31477	19.8%
40 to 49	24321	15.3%
50 to 59	20596	13.0%
60 to 69	13378	8.4%
70 and Over	10308	6.5%
Unknown	108	0.1%
Race		
Asian	5607	3.5%
Black	69920	44.1%
Other	12333	7.8%
Unknown	34085	21.5%
White	36657	23.1%
Ethnicity		
Hispanic/Latino	16807	10.6%
Non-Hispanic/Latino	101552	64.0%
Not Specific/Unknown	40243	25.4%

COVID-19 Cases by Race, DeKalb County

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

COVID-19 Cases by Race and Ethnicity, DeKalb County

Asian, Black, Other, Unknown, White

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

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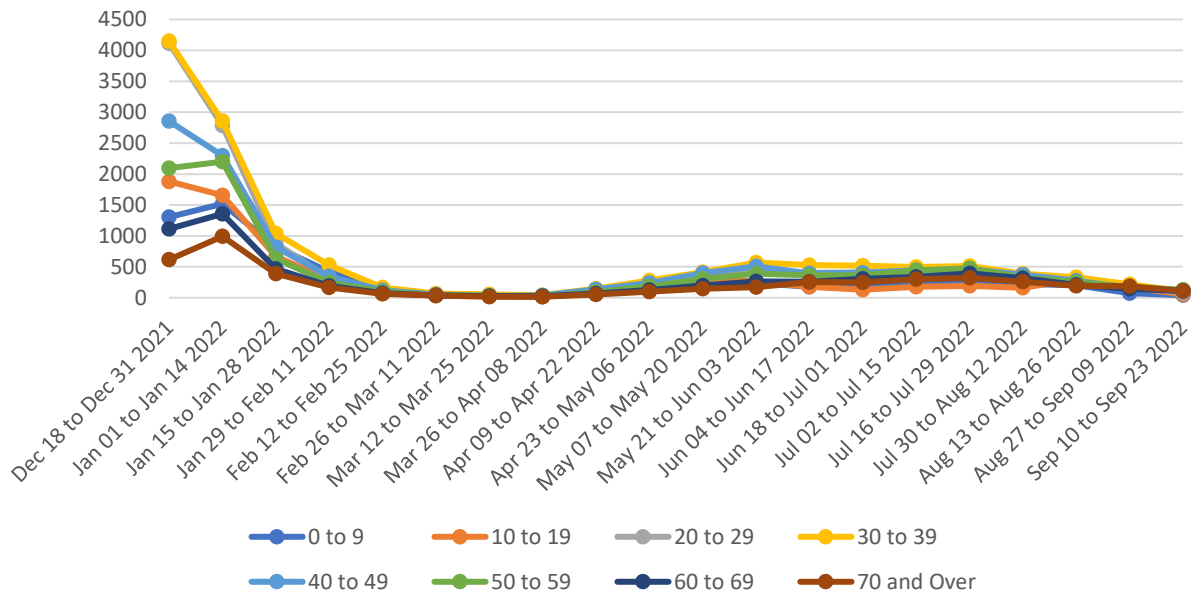
Trends in Age Distribution of COVID-19 Cases in DeKalb County in the Most Recent 12 Weeks
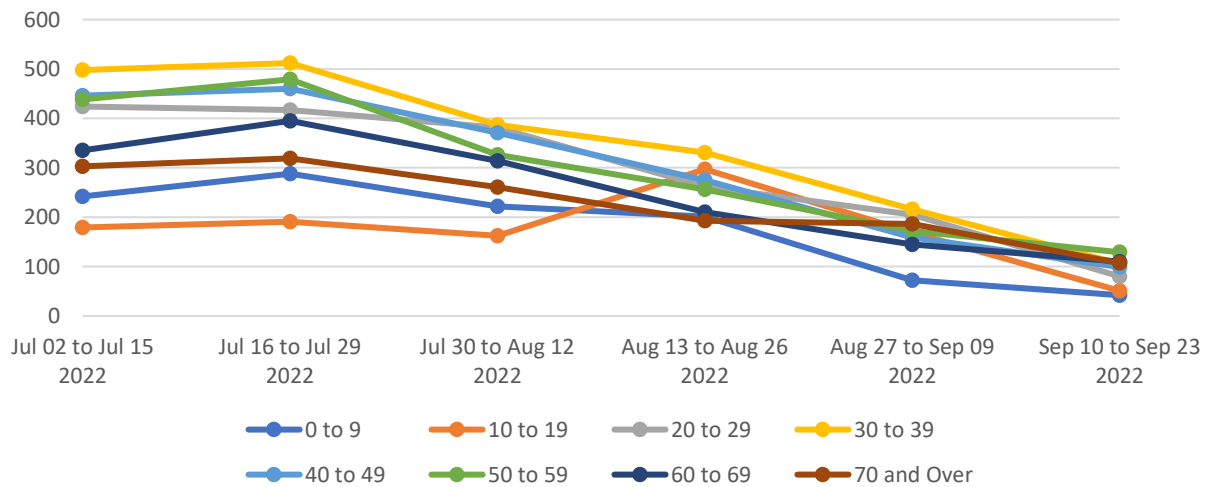
Legend: 0 to 9, 10 to 19, 20 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, 70 and Over

*Counts shown reflect the number of confirmed cases as of 9/29/22 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.

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

Legend: All PCR Tests | Percent Positivity

Data labels (Percent Positivity): 30.5%, 26.3%, 16.1%, 8.9%, 4.1%, 1.7%, 1.4%, 2.0%, 4.2%, 7.5%, 11.2%, 15.3%, 16.6%, 18.3%, 19.9%, 20.9%, 18.6%, 15.3%, 12.3%, 8.1%

X-axis periods: Dec 18 to Dec 31 2021, Jan 01 to Jan 14 2022, Jan 15 to Jan 28 2022, Jan 29 to Feb 11 2022, Feb 12 to Feb 25 2022, Feb 26 to Mar 11 2022, Mar 12 to Mar 25 2022, Mar 26 to Apr 08 2022, Apr 09 to Apr 22 2022, Apr 23 to May 06 2022, May 07 to May 20 2022, May 21 to Jun 03 2022, Jun 04 to Jun 17 2022, Jun 18 to Jul 01 2022, Jul 02 to Jul 15 2022, Jul 16 to Jul 29 2022, Jul 30 to Aug 12 2022, Aug 13 to Aug 26 2022, Aug 27 to Sep 09 2022, Sep 10 to Sep 23 2022

*Data as of 9/28/2022. 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)

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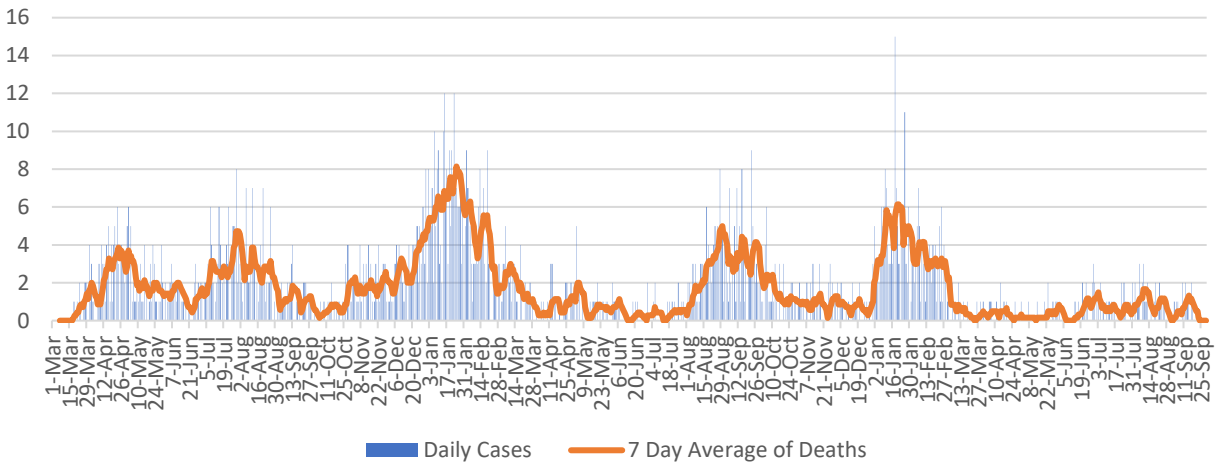
COVID-19 Deaths in Georgia Daily by Date of Case Report (Averaged over 7 days)
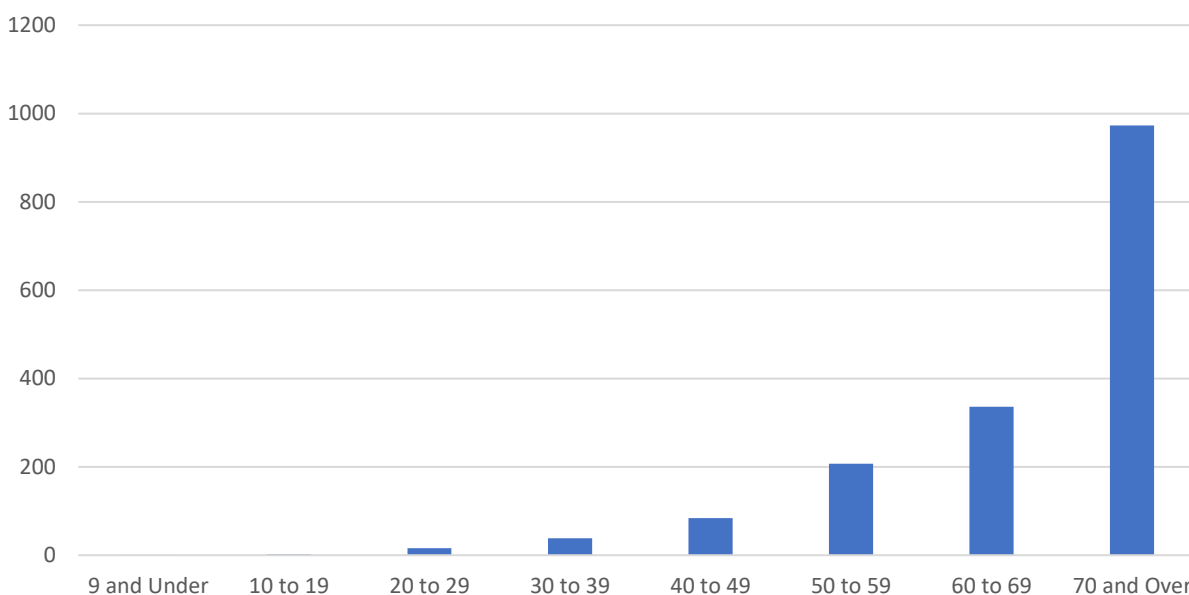

Daily Deaths — 7 Day Average of Deaths
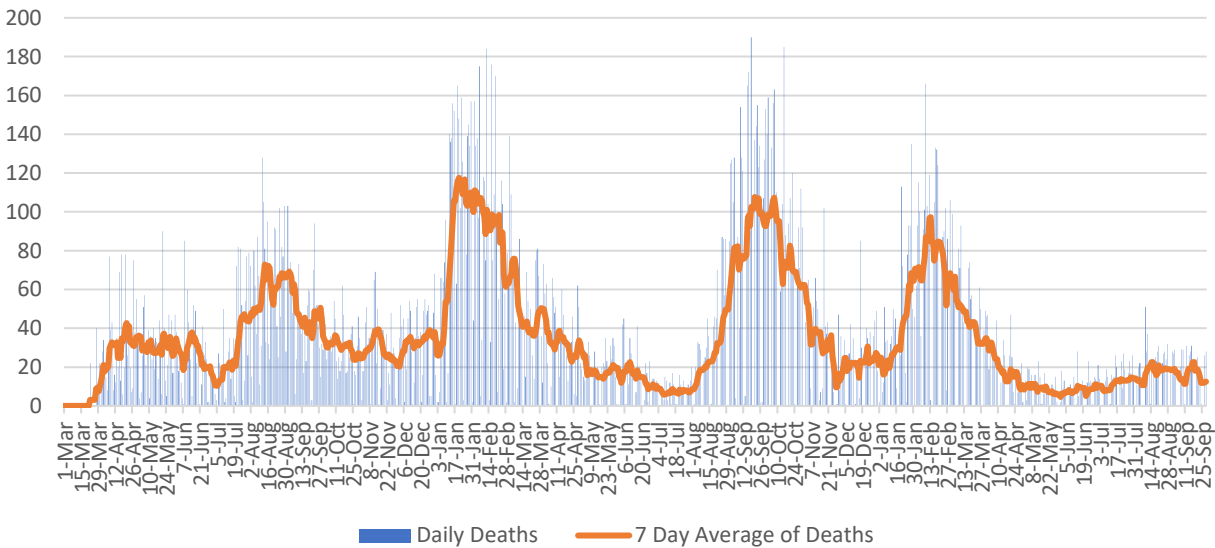
*DeKalb County Data as of 9/29/2022. Georgia data as 9/28/2022. Date of case reported used. All data reported are preliminary and subject to change.

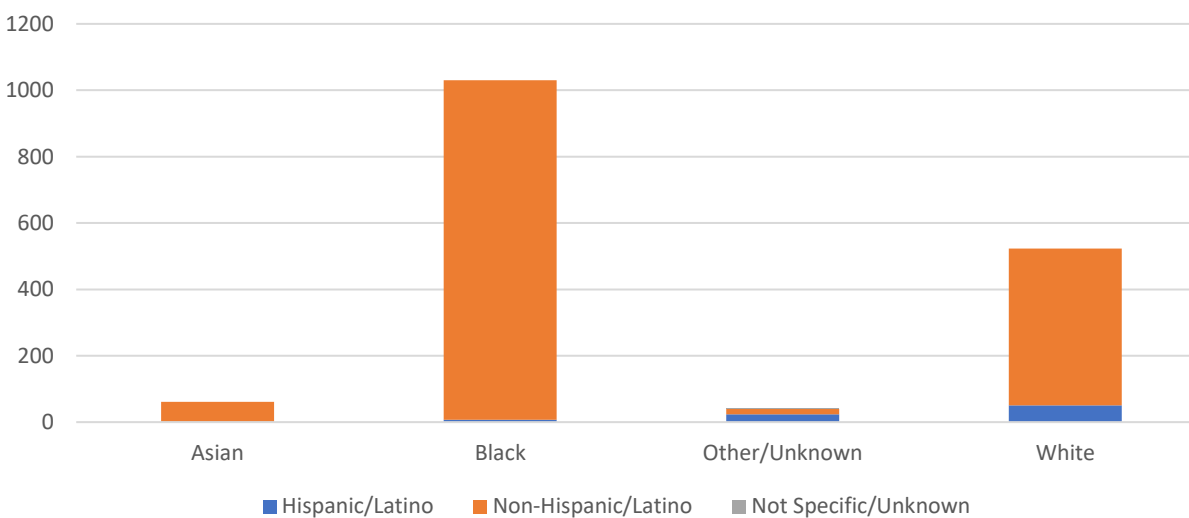| Total COVID-19 Related Hospitalizations/Deaths in DeKalb County, GA	Count	%
Hospitalization		
Needed Hospitalization	9346	5.9%
Not Known to Have Been Hospitalized	149256	94.1%
Deaths		
Died	1657	1.0%

COVID-19 Related Death Demographics

COVID-19 Related Deaths by Age, DeKalb County

Age Group	Deaths (approx.)
9 and Under	0
10 to 19	0
20 to 29	~20
30 to 39	~40
40 to 49	~85
50 to 59	~210
60 to 69	~335
70 and Over	~975

COVID-19 Related Deaths by Race and Ethnicity, DeKalb County

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

**"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
9/2 to 9/15 to 9/16 to 9/29

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

30350
30328
30338
30360
30346
30342
30071
285
30340
30093
30319
30341
85
30326
30345
30084
30329
30324
30033
30021
30083
30322
30079
30087
30306
30307
30030
30002
285
30317
30088
30039
30032
30058
30035
20
30316
285
30034
20
30012
30315
30038
30094
675
30294
30354 30288
30281

N
W E
S

0 1 2 3 4 5 6 Miles

Note: Data are not complete
Created: September 30, 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 9/21	Current 9/29	Percent of Total	Previous 14 Days 8/27-9/9	Recent 14 Days 9/10-9/23	Percent Change in 14-day periods
All DeKalb	157788	158602	100.0%	1324	779	-41.2%
30058	12190	12248	7.7%	88	62	-29.5%
30083	10583	10636	6.7%	88	47	-46.6%
30034	10416	10463	6.6%	100	36	-64.0%
30032	9610	9664	6.1%	66	61	-7.6%
30038	9315	9362	5.9%	87	42	-51.7%
30319	8022	8064	5.1%	47	36	-23.4%
30338	7056	7105	4.5%	69	45	-34.8%
30341	6886	6915	4.4%	39	28	-28.2%
30329	6414	6441	4.1%	51	29	-43.1%
30033	6223	6261	3.9%	68	32	-52.9%
30084	5858	5890	3.7%	40	39	-2.5%
30030	5717	5757	3.6%	52	37	-28.8%
30088	5482	5507	3.5%	56	24	-57.1%
30087	5276	5302	3.3%	62	27	-56.5%
30340	5231	5253	3.3%	38	18	-52.6%
30316	5067	5091	3.2%	45	23	-48.9%
30345	4808	4840	3.1%	39	32	-17.9%
30035	4553	4579	2.9%	38	26	-31.6%
30294	4404	4427	2.8%	37	23	-37.8%
30021	3938	3953	2.5%	24	12	-50.0%
30317	2870	2889	1.8%	19	18	-5.3%
30360	2790	2805	1.8%	18	16	-11.1%
30307	2453	2465	1.6%	17	16	-5.9%
30306	1554	1559	1.0%	10	5	-50.0%
30346	1205	1207	0.8%	5	<5	NA
30002	1073	1085	0.7%	15	13	-13.3%
30324	994	997	0.6%	5	<5	NA
30322	814	827	0.5%	46	7	-84.8%
30288	751	755	0.5%	9	<5	NA
30079	708	712	0.4%	<5	<5	NA
30350	535	535	0.3%	<5	<5	NA
30328	296	297	0.2%	6	<5	NA
30039	158	158	0.1%	<5	<5	NA
30072	121	121	0.1%	<5	<5	NA
30094	95	96	0.1%	<5	<5	NA
30012	71	71	0.0%	<5	<5	NA
30315	28	28	0.0%	<5	<5	NA
Unknown	4223	4237	2.7%	<5	32	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.
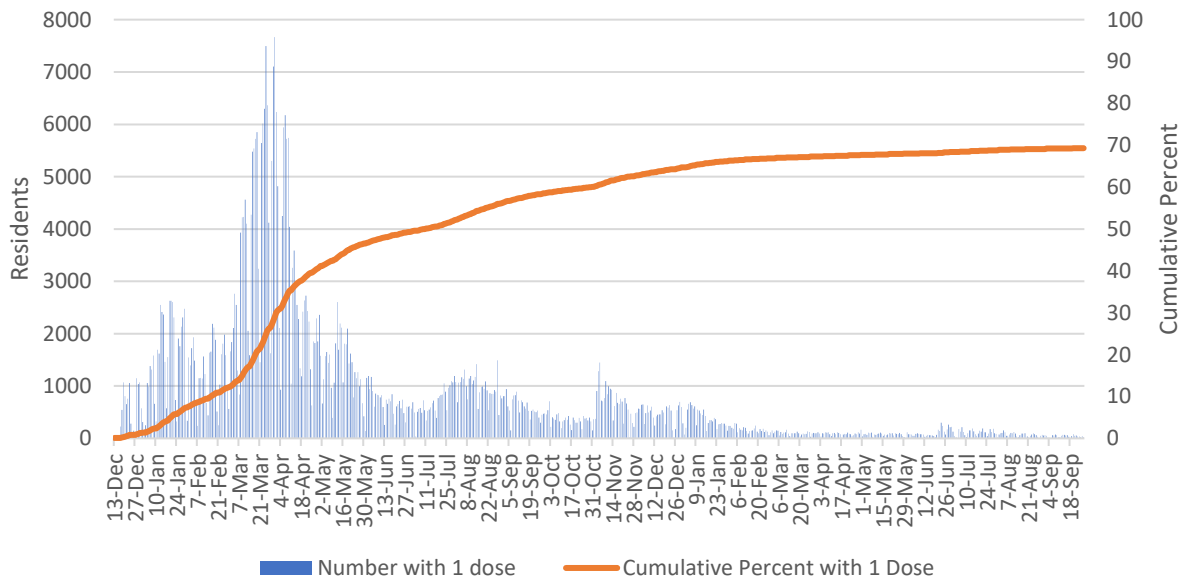
Vaccination Overview

1,298,401 total doses administered**

69.3% of residents with at least <u>one dose</u>
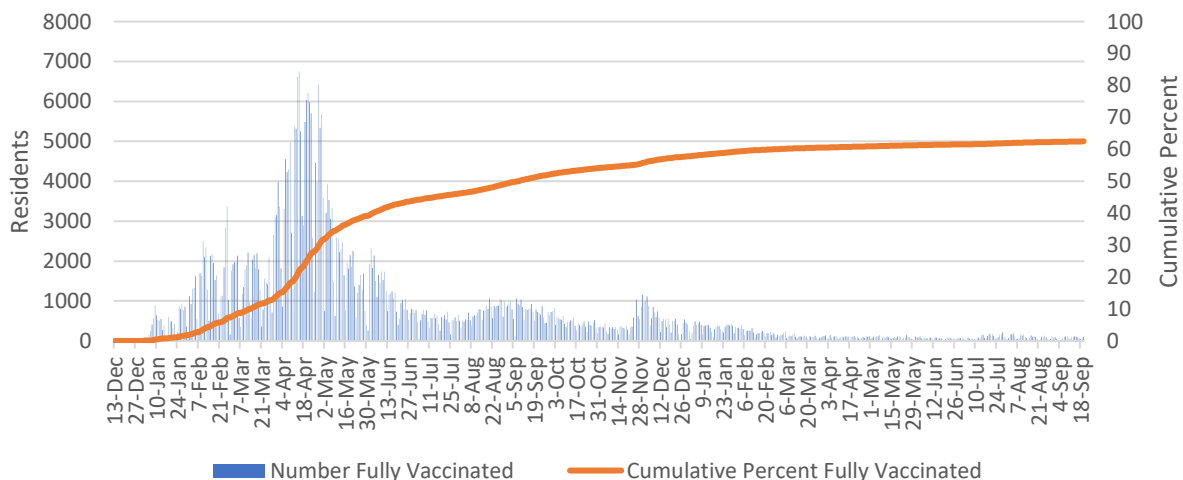
62.5% of residents <u>fully vaccinated</u>

32% residents have an <u>additional dose</u>***
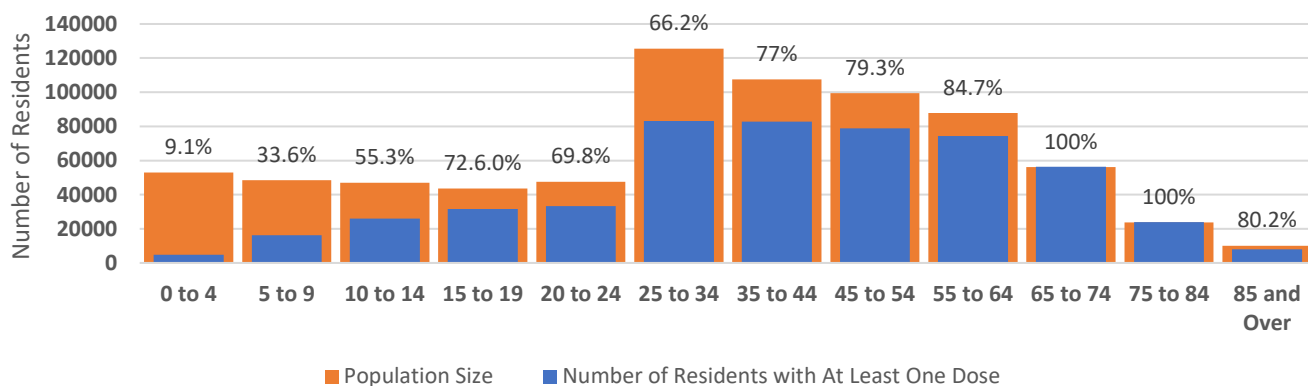
DeKalb County Residents with At Least 1 Dose

Legend: ■ Number with 1 dose ── Cumulative Percent with 1 Dose

Fully Vaccinated Dekalb County Residents

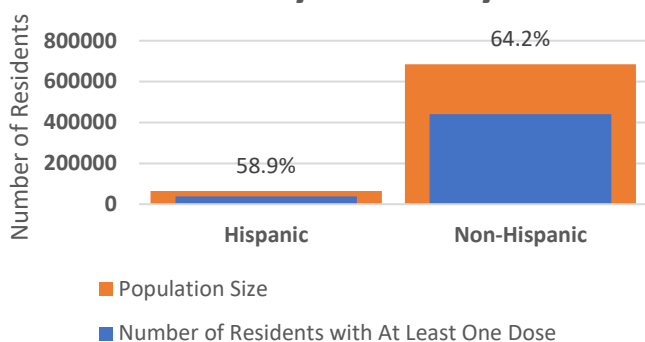Legend: ■ Number Fully Vaccinated ── Cumulative Percent Fully Vaccinated

*Counts shown reflect the number of vaccinated residents as of 9/28/2022 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
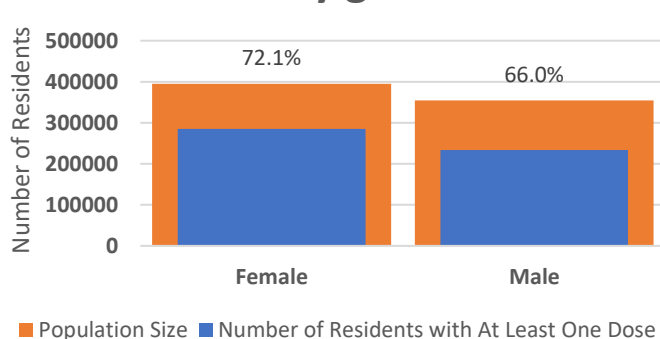
Vaccination Demographics
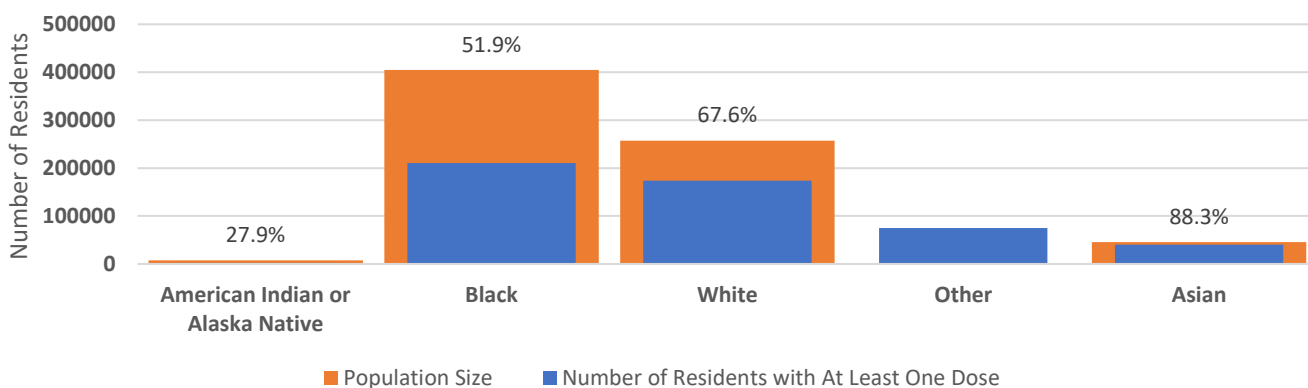
Residents with at least one dose by age

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

Percentages by age group:
- 0 to 4: 9.1%
- 5 to 9: 33.6%
- 10 to 14: 55.3%
- 15 to 19: 72.6.0%
- 20 to 24: 69.8%
- 25 to 34: 66.2%
- 35 to 44: 77%
- 45 to 54: 79.3%
- 55 to 64: 84.7%
- 65 to 74: 100%
- 75 to 84: 100%
- 85 and Over: 80.2%

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

Residents with at least one dose by ethnicity

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

- Hispanic: 58.9%
- Non-Hispanic: 64.2%

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

Residents with at least one dose by gender

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

- Female: 72.1%
- Male: 66.0%

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

Residents with at least one dose by race

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

- American Indian or Alaska Native: 27.9%
- Black: 51.9%
- White: 67.6%
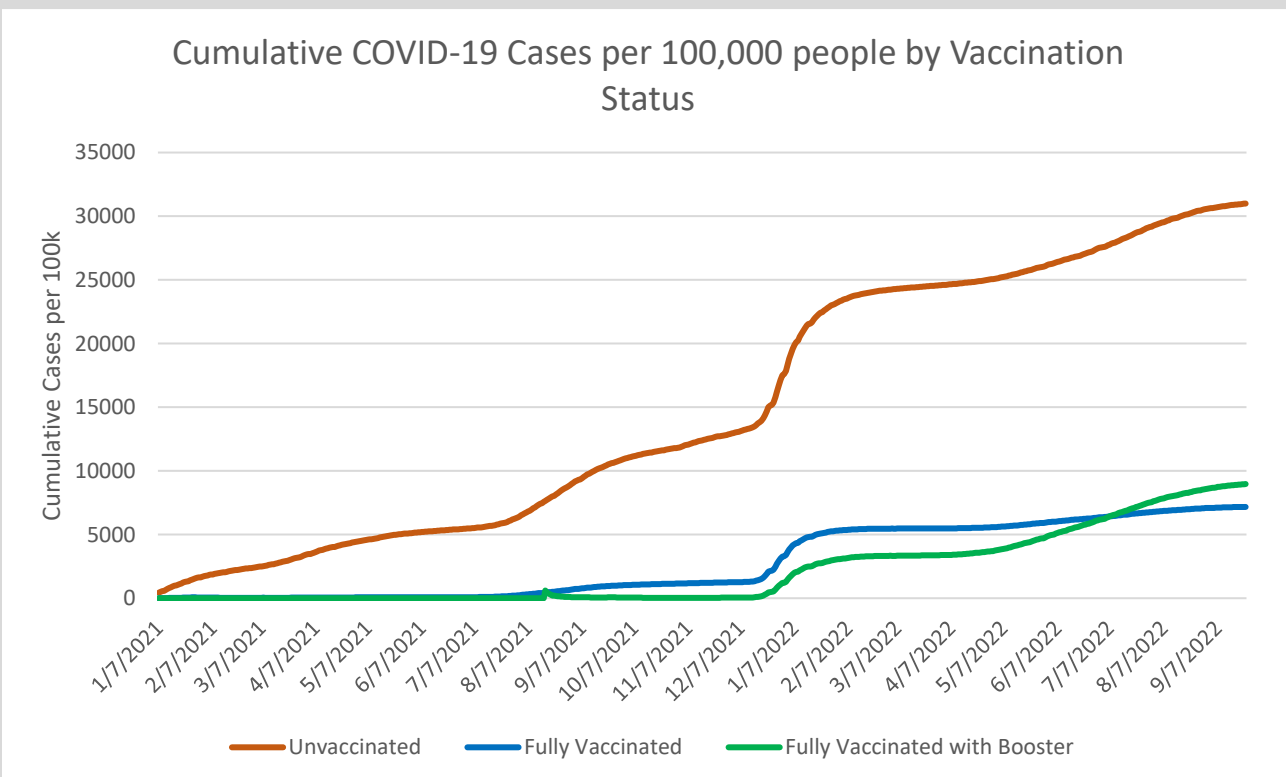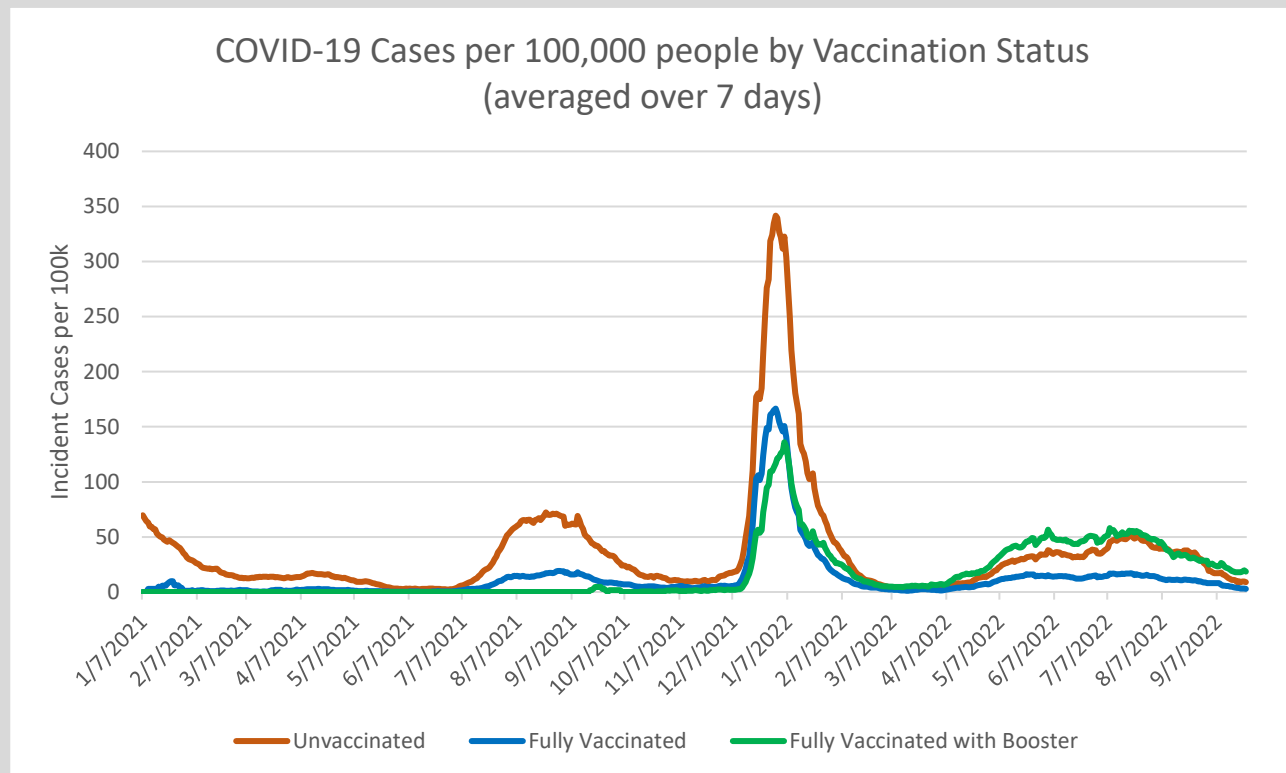- Other: (no percentage)
- Asian: 88.3%

Legend: ■ 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 9/28/22. These graphs do not include: 586 individuals (0.1%) with unknown gender, 17,5686 individuals (3.4%) with unknown race, and 41,533 individuals (8.1%) 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)

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

*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 9/28/2022.

Confirmed Cases Hospitalized for Any Reason by Vaccination Status

7.1%

15.0%

77.9%
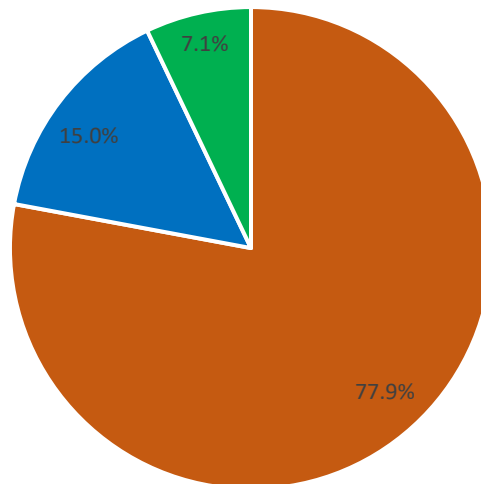
■ Unvaccinated ■ Fully Vaccinated without Booster ■ Fully Vaccinated with Booster

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.
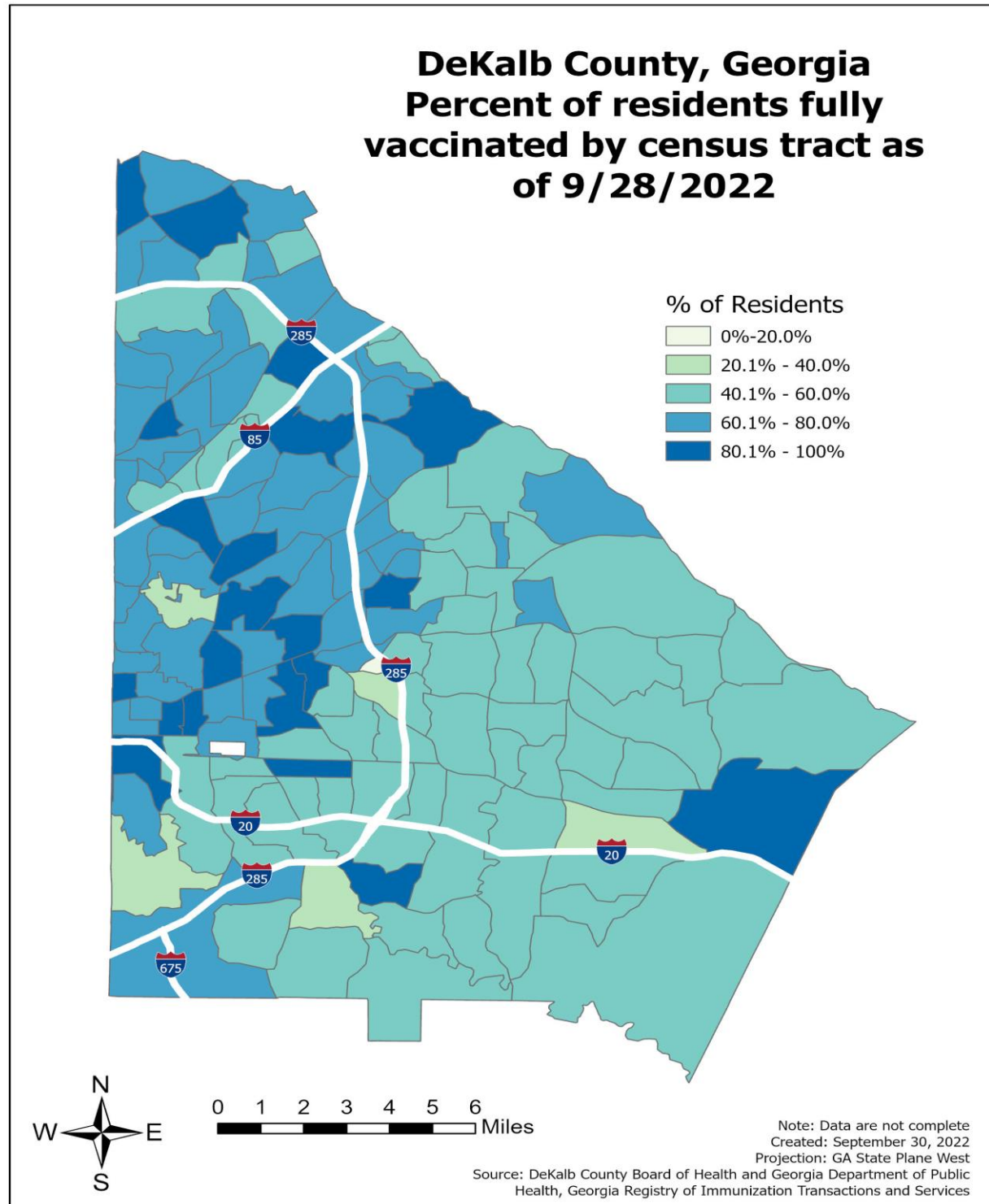
Confirmed COVID-19 Deaths by Vaccination Status
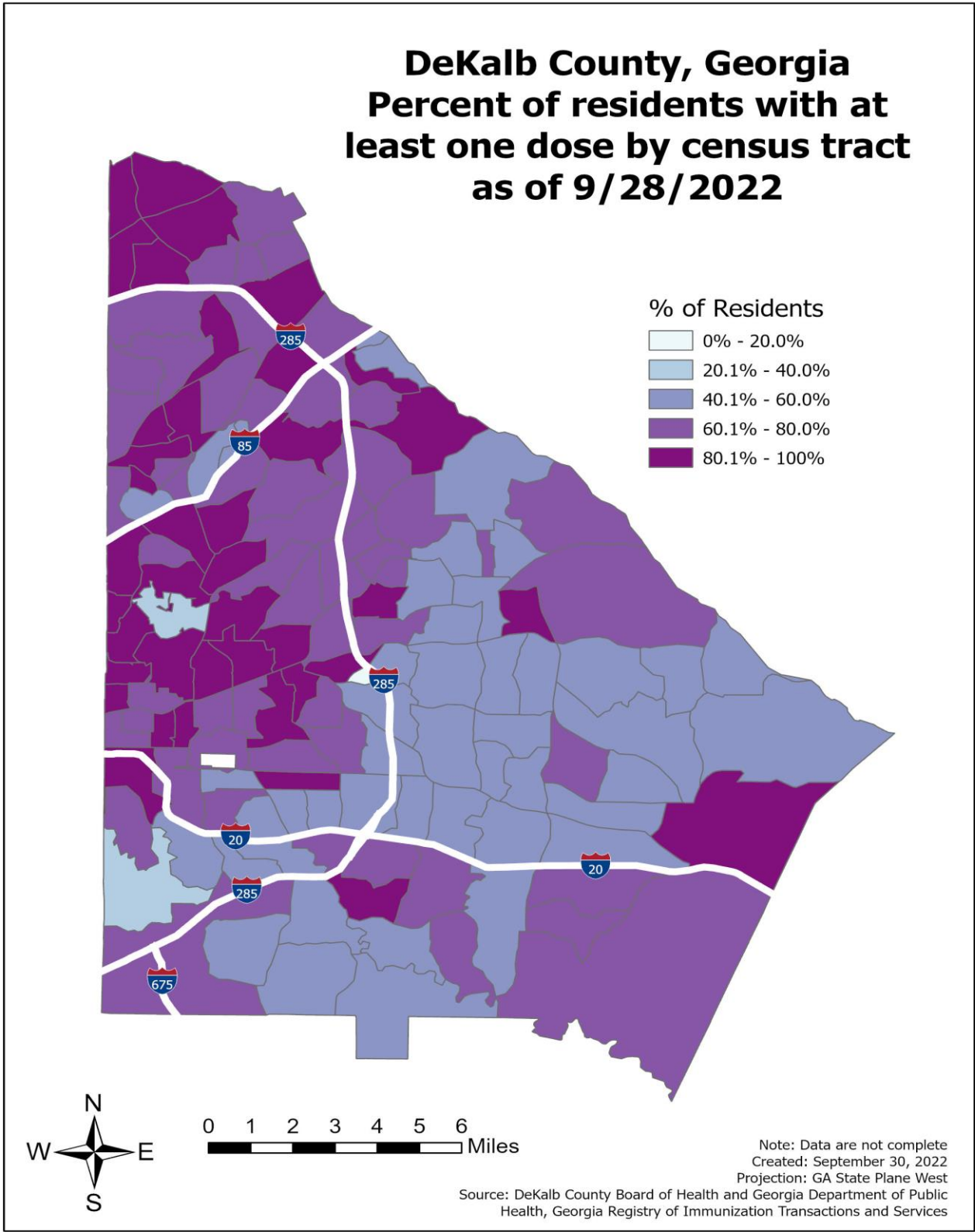
7.5%

16.8%

75.7%
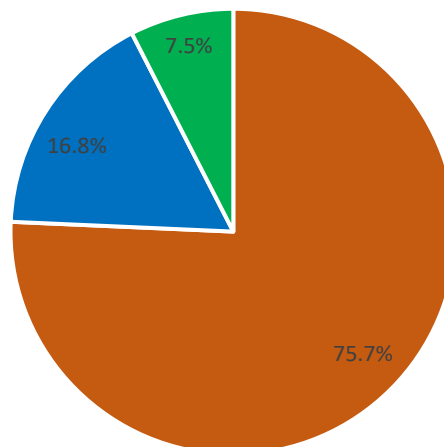
■ Unvaccinated ■ Fully Vaccinated without Booster ■ Fully Vaccinated with Booster

Note: Data reflects cases with an onset between 1/15/2021 and 9/22/2022

**DeKalb County, Georgia
Percent of residents fully
vaccinated by census tract as
of 9/28/2022**

% of Residents

- 0%-20.0%
- 20.1% - 40.0%
- 40.1% - 60.0%
- 60.1% - 80.0%
- 80.1% - 100%

Note: Data are not complete
Created: September 30, 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 Vdapartment of Public Health's COVID-19 vaccination dashboard, last updated on 9/28/2022

**DeKalb County, Georgia
Percent of residents with at
least one dose by census tract
as of 9/28/2022**

% of Residents

☐ 0% - 20.0%
☐ 20.1% - 40.0%
☐ 40.1% - 60.0%
☐ 60.1% - 80.0%
☐ 80.1% - 100%

0 1 2 3 4 5 6 Miles

N
W E
S

Note: Data are not complete
Created: September 30, 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
9/28/2022