Dekalb COVID-19 Epidemiology Report

July 15, 2022

DEKALB COUNTY Board of Health

Overview

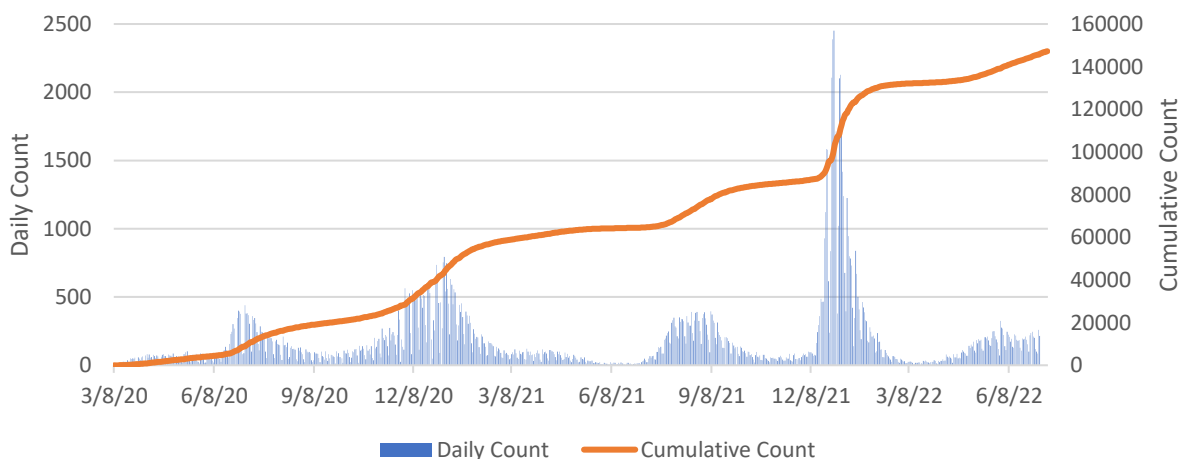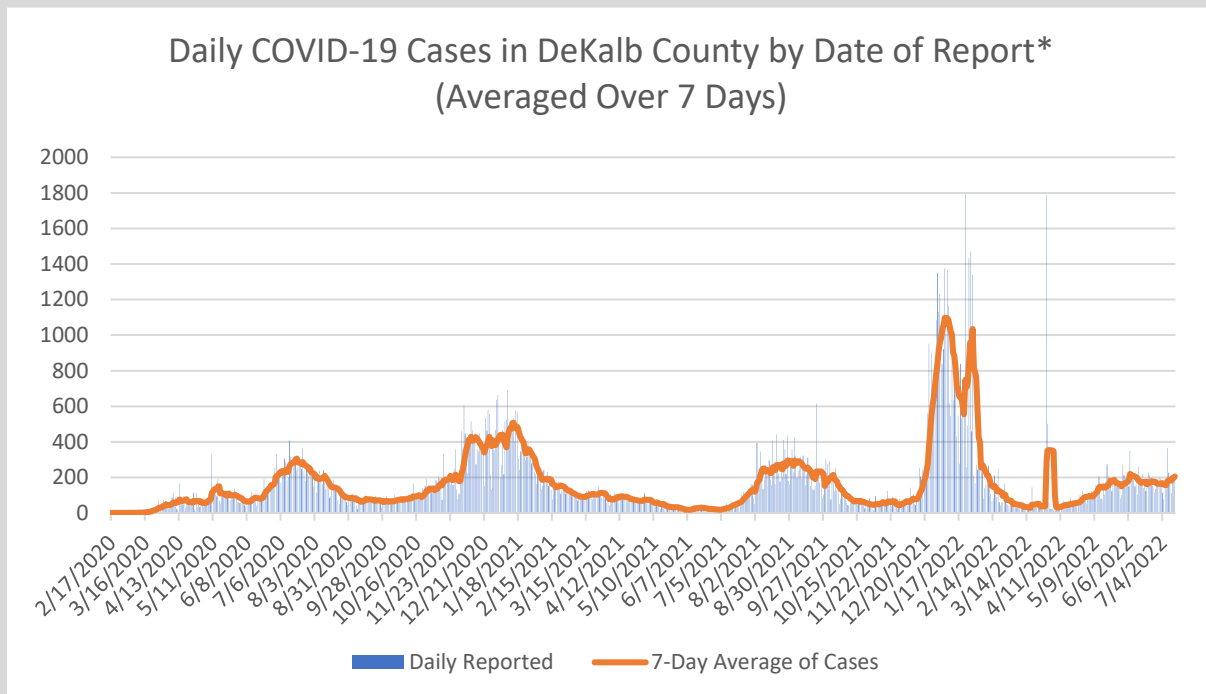| 147,229 Confirmed cases | 7.3% of cases in Georgia are in DeKalb | 267 cases per 100K people in the last 7 days | 8,695 hospitalizations | 1,597 deaths |

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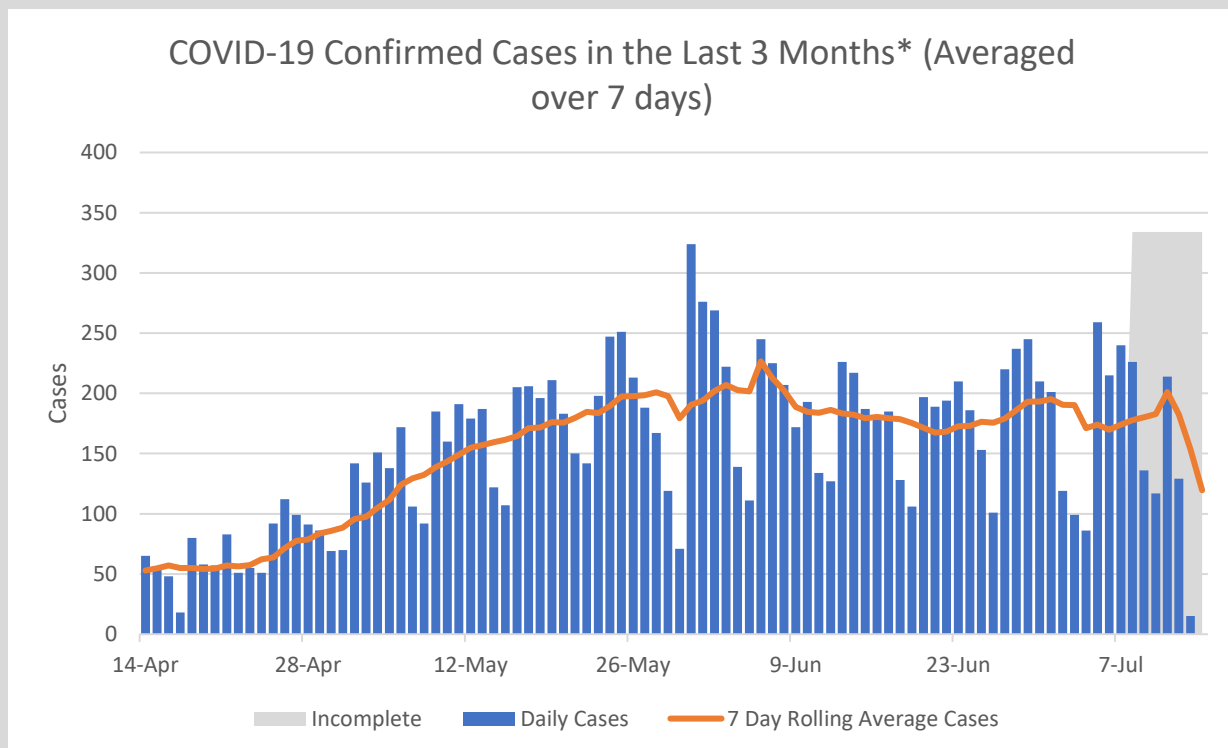

Daily Count ■ Cumulative Count —

*Counts shown reflect the number of confirmed cases as of 7/14/22 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 July 14, DeKalb County has reported 147,229 confirmed cases of 2019 novel coronavirus disease (COVID-19) and 1,597 confirmed COVID-19 deaths, an increase of 1,686 cases (+1.2%) and 5 deaths (+0.3%) since the last report on July 8. 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 7/7 to 7/13, DeKalb County had "high" community levels, with 267 new COVID-19 cases per 100,000 people in the last 7 days, 12 new COVID-19 hospital admissions per 100,000 people in Dekalb, and a 5.8% inpatient bed utilization rate for COVID-19 patients
- 2,611 COVID-19 cases (308 cases per 100,000 population) were diagnosed in the most recent 14-days (6/25 – 7/8), a **5.9% INCREASE** from the previous 14-days (6/11 – 6/24)
- Of all persons diagnosed with COVID-19 in DeKalb, 5.9% needed hospitalization and 1.1% died
- As of July 13, Georgia Department of Public Health reported that DeKalb accounted for 7.3% of the total number of COVID-19 cases in Georgia to date
- As of July 13, Georgia Department of Public Health reported that DeKalb has administered 1,243,595 vaccines, and has 513,122 residents with at least one dose (68%) and 460,704 fully vaccinated residents (61%)

Other Case Count Metrics

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 7/14/2022 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.

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

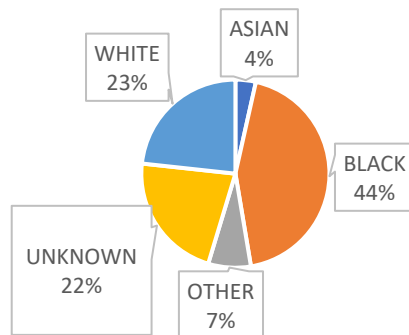Legend: Incomplete — Daily Cases — 7 Day Rolling Average Cases

*Counts shown reflect the number of confirmed cases as of 7/14/2022 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.
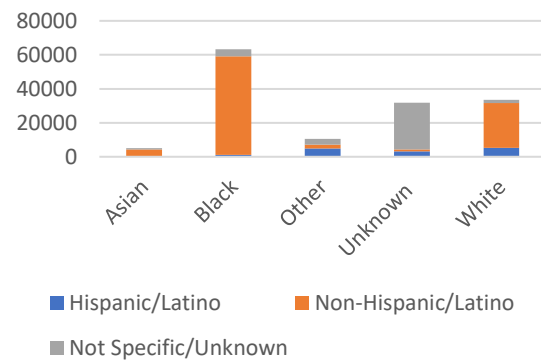
Demographic Distribution of COVID Cases

Demographics		
Gender	N	%
Female	82327	55.9%
Male	63842	43.4%
Unknown	1060	0.7%
Age		
9 and Under	10909	7.4%
10 to 19	15599	10.6%
20 to 29	28387	19.3%
30 to 39	29577	20.1%
40 to 49	22654	15.4%
50 to 59	18937	12.9%
60 to 69	12005	8.2%
70 and Over	9055	6.2%
Unknown	106	0.1%
Race		
Asian	5157	3.5%
Black	64451	43.8%
Other	10921	7.4%
Unknown	32513	22.1%
White	34187	23.2%
Ethnicity		
Hispanic/Latino	14902	10.1%
Non-Hispanic/Latino	93873	63.8%
Not Specific/Unknown	38454	26.1%

COVID-19 Cases by Race, DeKalb County

WHITE 23%
ASIAN 4%
BLACK 44%
OTHER 7%
UNKNOWN 22%

COVID-19 Cases 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

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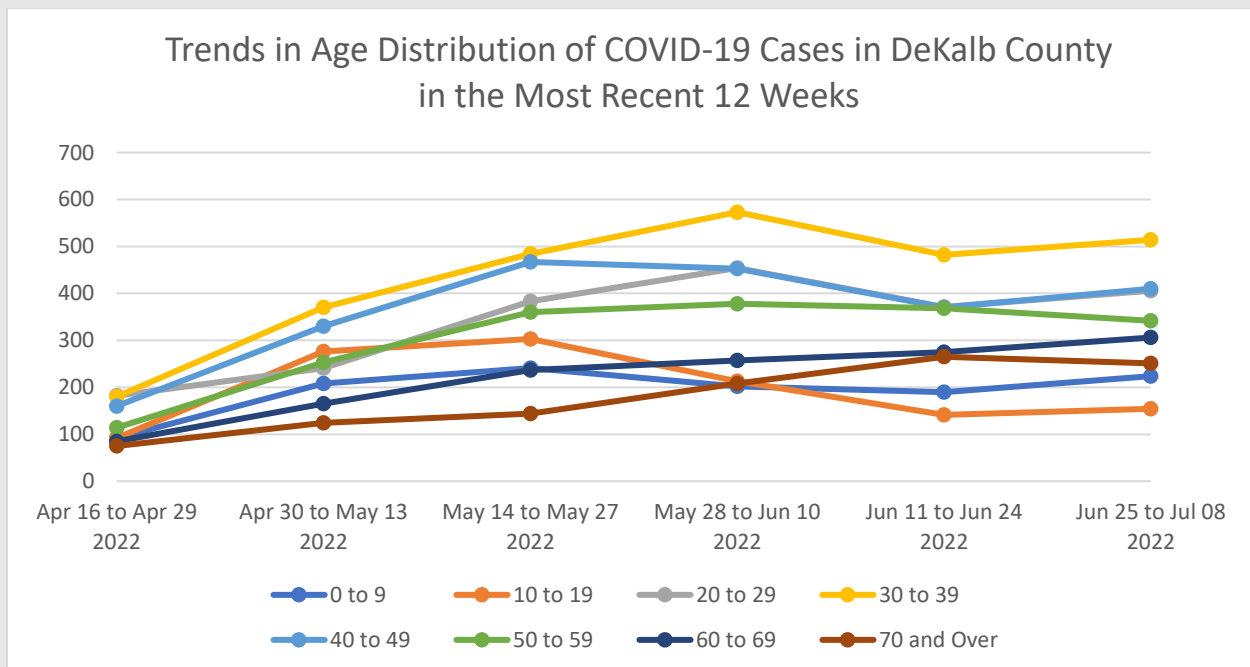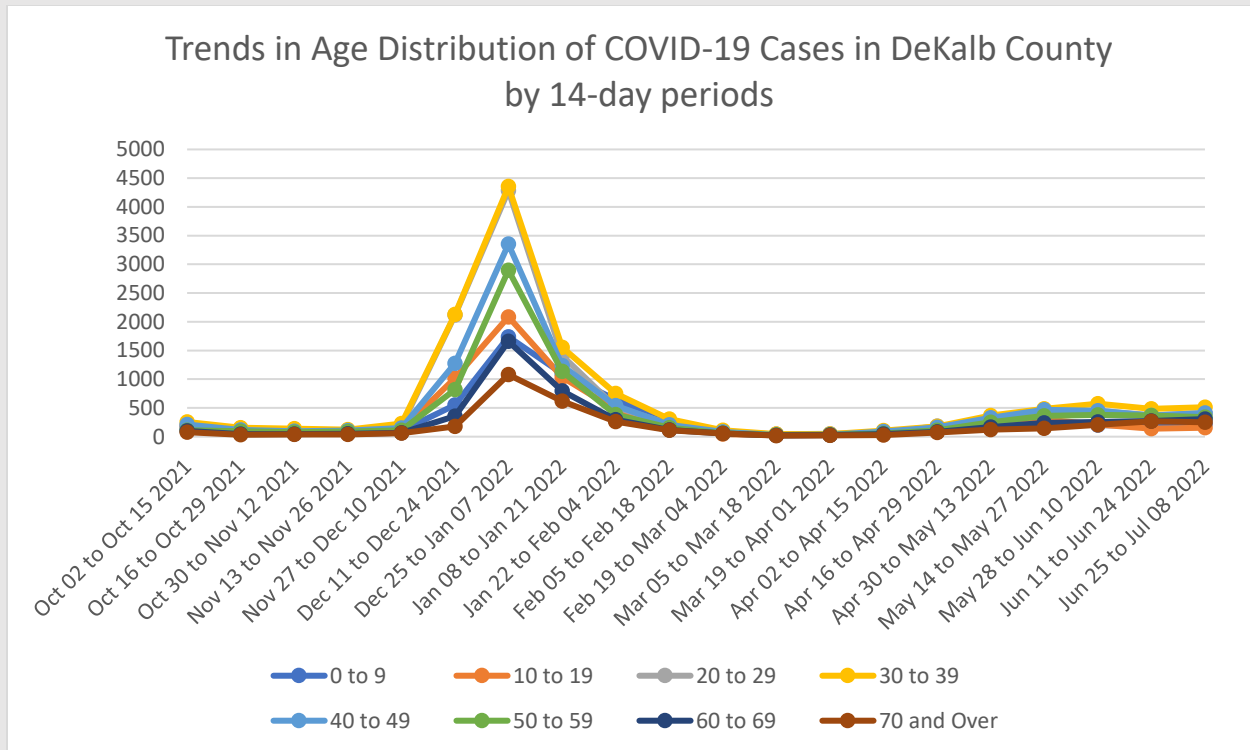
Trends in Age Distribution of COVID-19 Cases in DeKalb County by 14-day periods

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 7/14/22 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
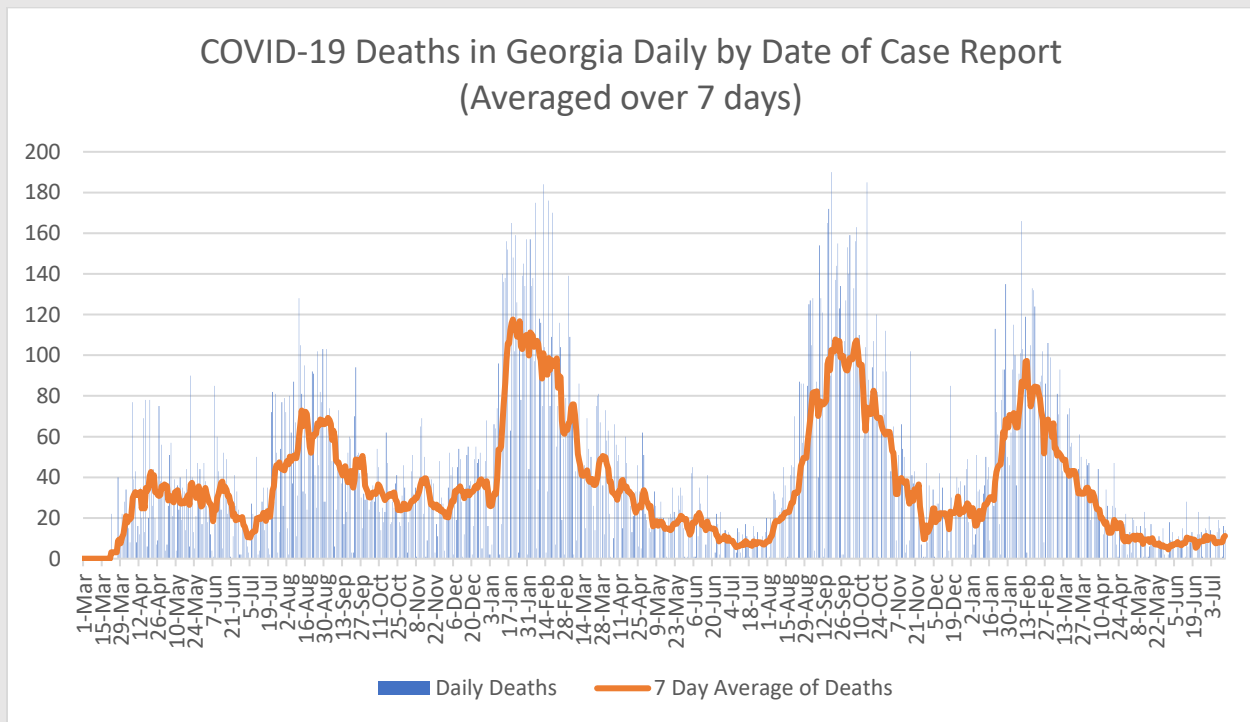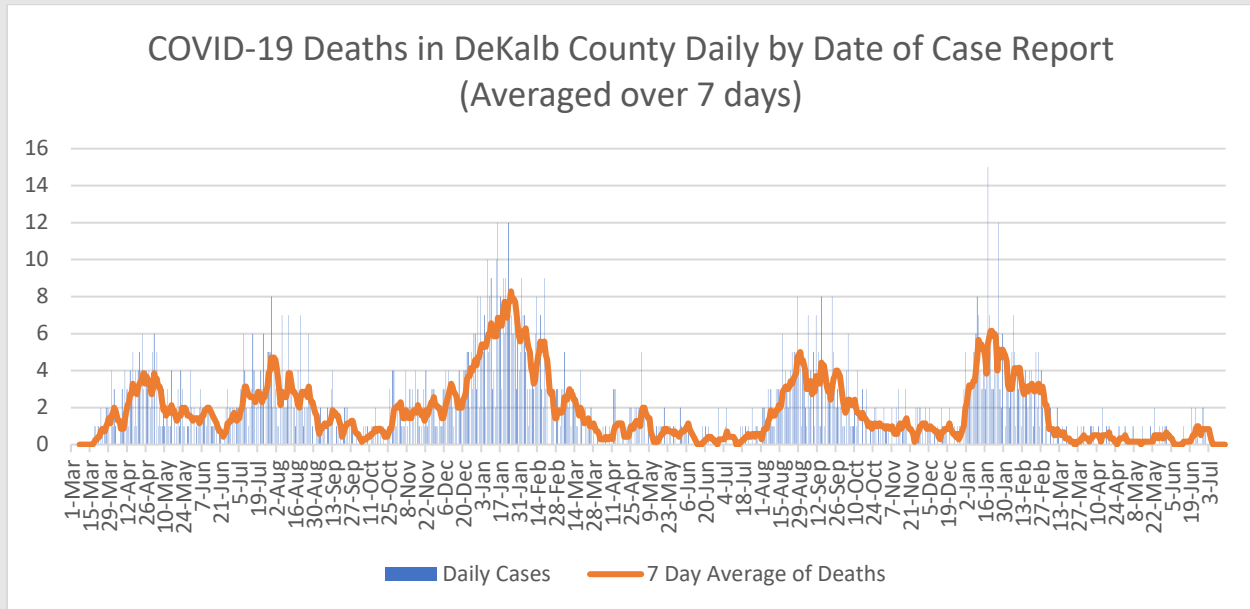

Legend: All PCR Tests, Percent Positivity

Data point labels (Percent Positivity): 5.1%, 3.6%, 2.9%, 3.2%, 3.7%, 18.6%, 33.2%, 19.8%, 12.3%, 6.2%, 2.7%, 1.3%, 1.6%, 3.2%, 5.4%, 10.0%, 12.8%, 16.1%, 17.1%, 19.9%

X-axis categories: Oct 02 to Oct 15 2021, Oct 16 to Oct 29 2021, Oct 30 to Nov 12 2021, Nov 13 to Nov 26 2021, Nov 27 to Dec 10 2021, Dec 11 to Dec 24 2021, Dec 25 to Jan 07 2022, Jan 08 to Jan 21 2022, 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

*Data as of 7/13/2022. 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 7/14/2022. Georgia data as 7//2022. Date of case reported used. All data reported are preliminary and subject to change.

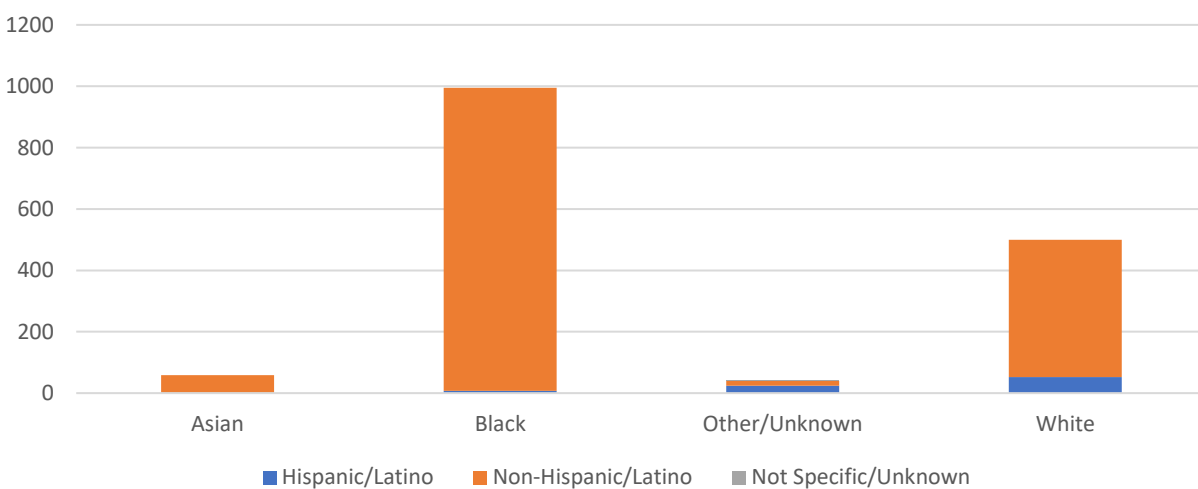| Total COVID-19 Related Hospitalizations/Deaths in DeKalb County, GA	Count	%
Hospitalization		
Needed Hospitalization	8695	5.9%
Not Known to Have Been Hospitalized	138534	94.1%
Deaths		
Died	1597	1.1%

COVID-19 Related Death Demographics

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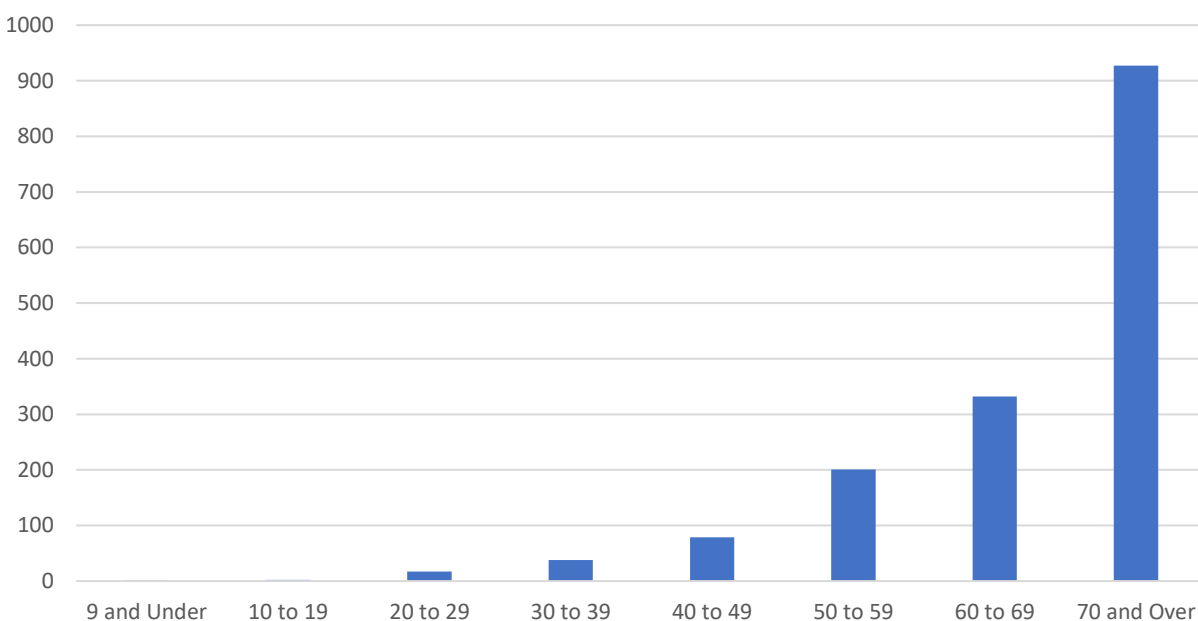
COVID-19 Related Deaths by Race and Ethnicity, DeKalb County

Legend: Hispanic/Latino, Non-Hispanic/Latino, Not Specific/Unknown

**"Other" includes Native Hawaiian/Pacific Islander and American Indian/Native American

DeKalb County, Georgia
Percent Change Diagnosed
Confirmed COVID-19 Cases
6/11-6/24, 6/25-7/8

Percent Change

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

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

0 1 2 3 4 5 6 Miles

N
W   E
S

Note: Data are not complete
Created: July 15, 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 6/7	Current 7/14	Percent of Total	Previous 14 Days 6/11 – 6/24	Recent 14 Days 6/25 – 7/8	Percent Change in 14-day periods
All DeKalb	145543	147229	100.0%	2465	2611	5.9%
30058	11248	11390	7.7%	152	190	25.0%
30083	9700	9814	6.7%	128	119	-7.0%
30034	9527	9648	6.6%	172	176	2.3%
30032	8790	8898	6.0%	127	158	24.4%
30038	8542	8646	5.9%	120	136	13.3%
30319	7576	7641	5.2%	115	106	-7.8%
30338	6542	6620	4.5%	135	144	6.7%
30341	6492	6533	4.4%	93	76	-18.3%
30329	5968	6033	4.1%	130	104	-20.0%
30033	5605	5685	3.9%	133	143	7.5%
30084	5423	5489	3.7%	92	99	7.6%
30030	5183	5271	3.6%	163	127	-22.1%
30088	4998	5055	3.4%	79	94	19.0%
30340	4933	4963	3.4%	69	63	-8.7%
30087	4769	4840	3.3%	87	111	27.6%
30316	4667	4714	3.2%	87	93	6.9%
30345	4472	4522	3.1%	103	105	1.9%
30035	4189	4239	2.9%	51	72	41.2%
30294	4065	4124	2.8%	62	78	25.8%
30021	3687	3721	2.5%	38	56	47.4%
30317	2608	2646	1.8%	55	68	23.6%
30360	2614	2632	1.8%	35	33	-5.7%
30307	2241	2272	1.5%	47	49	4.3%
30306	1438	1456	1.0%	36	33	-8.3%
30346	1135	1149	0.8%	18	18	0.0%
30002	959	973	0.7%	25	15	-40.0%
30324	923	934	0.6%	17	19	11.8%
30322	727	731	0.5%	<5	9	NA
30288	675	683	0.5%	12	19	58.3%
30079	641	648	0.4%	13	17	30.8%
30350	522	527	0.4%	5	<5	NA
30328	269	276	0.2%	7	10	42.9%
30039	149	151	0.1%	<5	<5	NA
30072	113	114	0.1%	<5	<5	NA
30094	91	91	0.1%	<5	<5	NA
30012	68	69	0.0%	<5	<5	NA
30315	26	26	0.0%	<5	<5	NA
Unknown	3968	4005	2.7%	35	49	40.0%

*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.
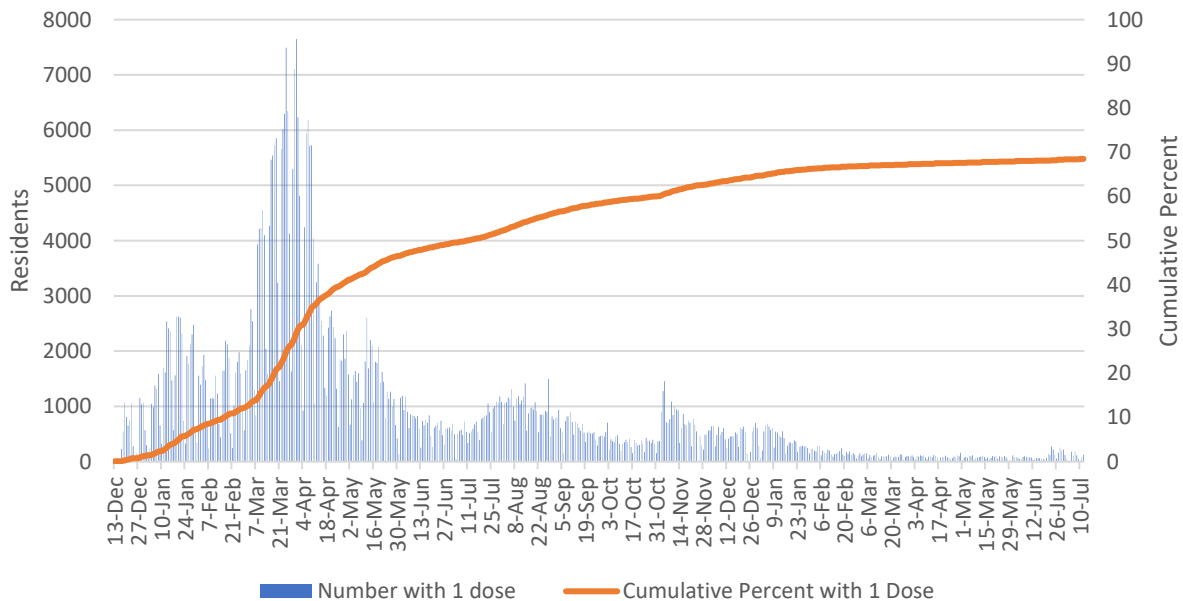
Vaccination Overview

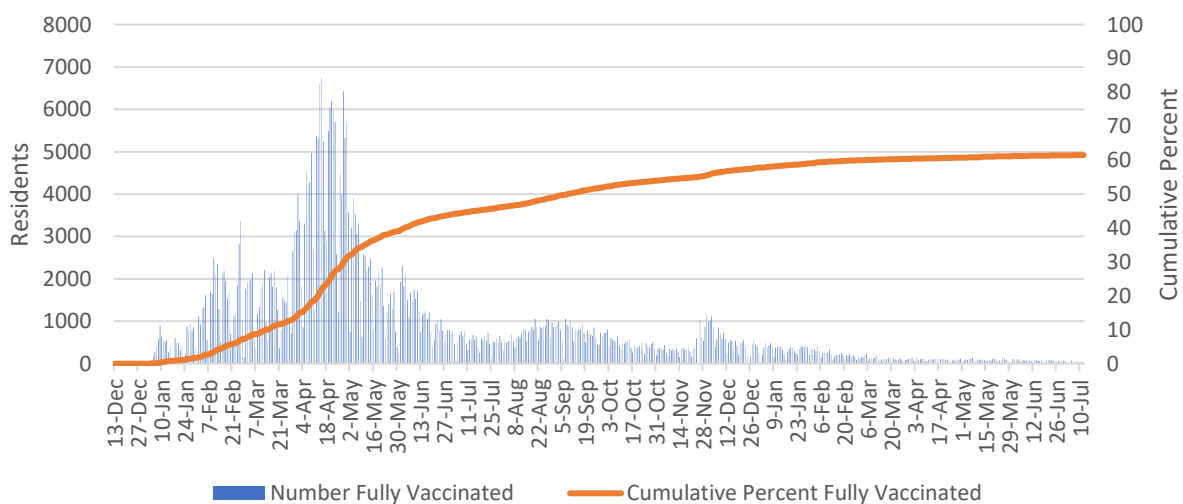|			
1,243,595 total doses administered**	**68.5%** of residents with at least <u>one dose</u>	**61.5%** of residents <u>fully vaccinated</u>	**31%** residents have an <u>additional dose</u>***

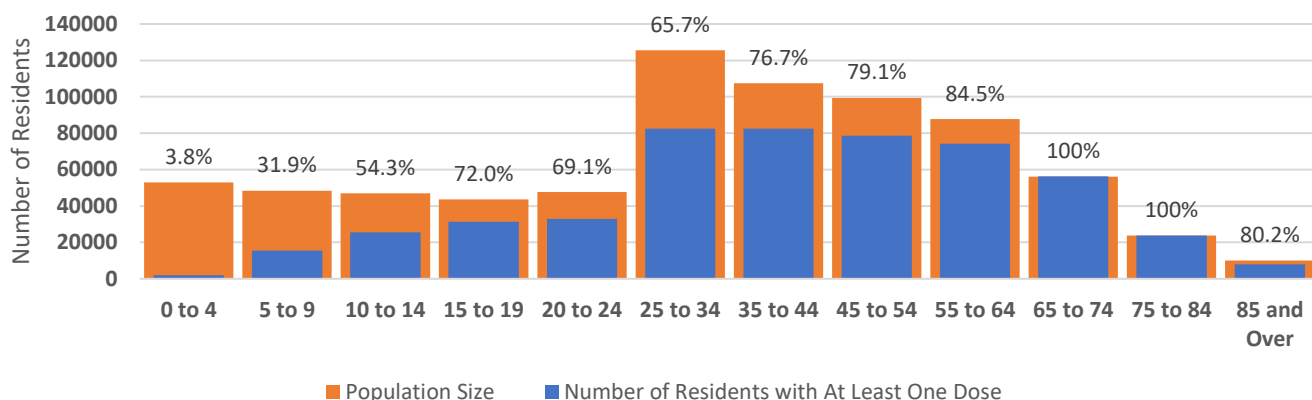## DeKalb County Residents with At Least 1 Dose

Legend: Number with 1 dose (blue bars) — Cumulative Percent with 1 Dose (orange line)

Fully Vaccinated Dekalb County Residents

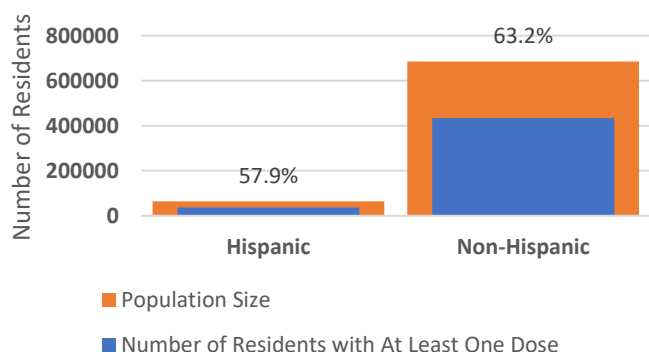Legend: Number Fully Vaccinated (blue bars) — Cumulative Percent Fully Vaccinated (orange line)

*Counts shown reflect the number of vaccinated residents as of 7/13/2022 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
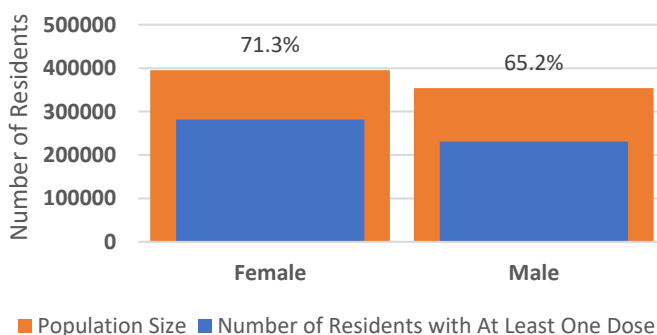
Vaccination Demographics
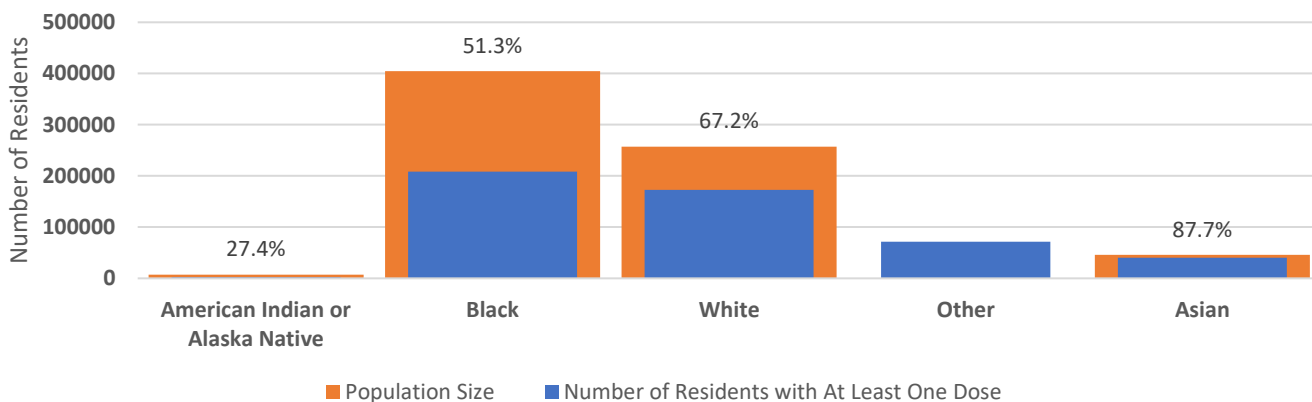
Residents with at least one dose by age

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

0 to 4: 3.8%
5 to 9: 31.9%
10 to 14: 54.3%
15 to 19: 72.0%
20 to 24: 69.1%
25 to 34: 65.7%
35 to 44: 76.7%
45 to 54: 79.1%
55 to 64: 84.5%
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: 57.9%
Non-Hispanic: 63.2%

■ 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: 71.3%
Male: 65.2%

■ 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: 27.4%
Black: 51.3%
White: 67.2%
Other: (no label)
Asian: 87.7%

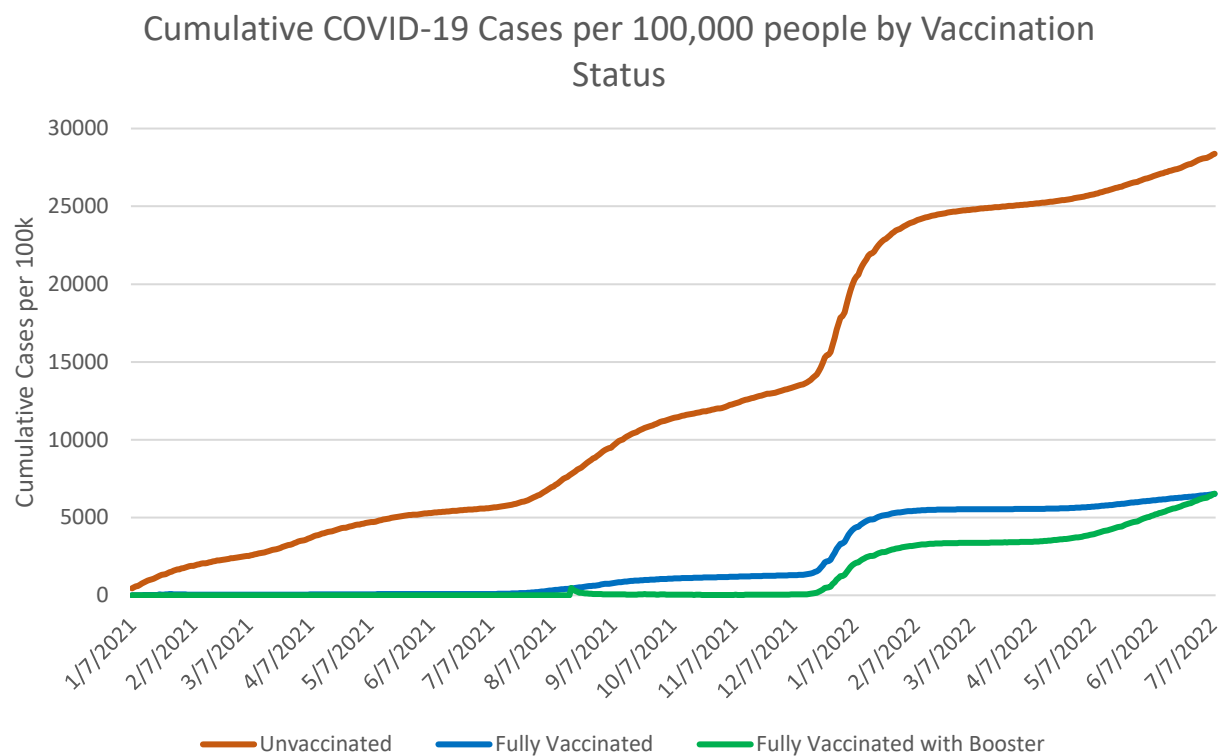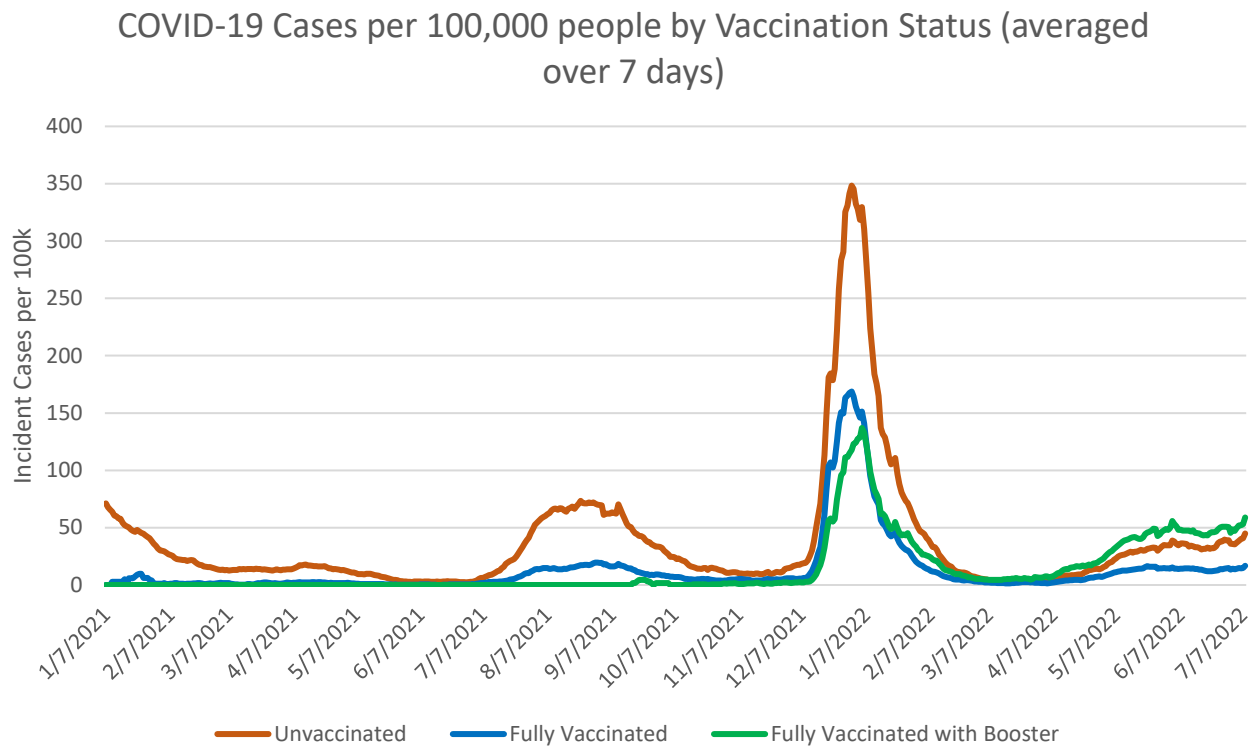■ Population Size   ■ Number of Residents with At Least One Dose

*Counts shown reflect the number of residents with at least one dose of a COVID-19 vaccine as of 7/13/22. These graphs do not include: 604 individuals (0.1%) with unknown gender, 17,723 individuals (3.5%) with unknown race, and 42,957 individuals (8.4%) with unknown ethnicity. Vaccinations have only recently become available for children under 5.

**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

— Unvaccinated — Fully Vaccinated — Fully Vaccinated with Booster

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

Cumulative Cases per 100k

— 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 7/13/2022.
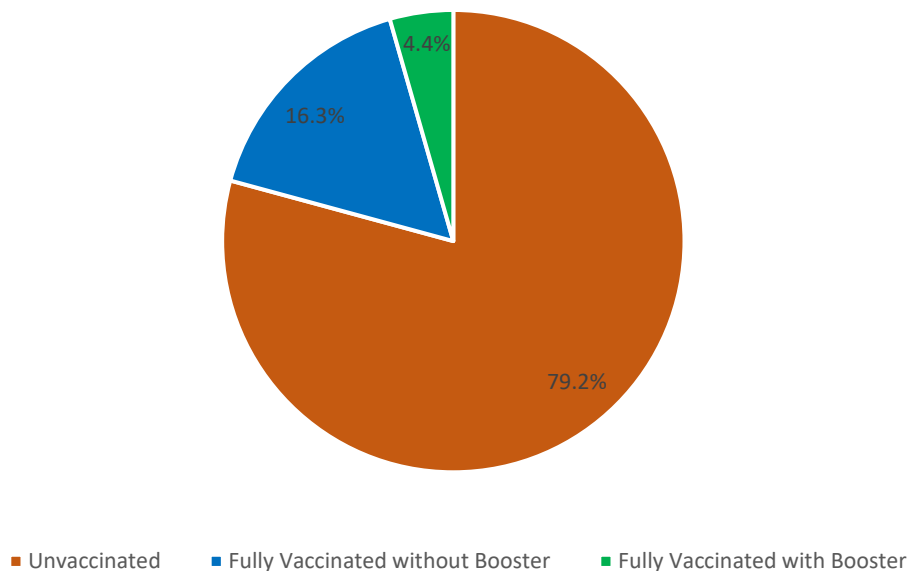
Case Outcomes by Vaccination Status

Confirmed Cases Hospitalized for Any Reason by Vaccination Status

4.5%

14.0%

81.5%

■ Unvaccinated   ■ Fully Vaccinated without Booster   ■ Fully Vaccinated with Booster
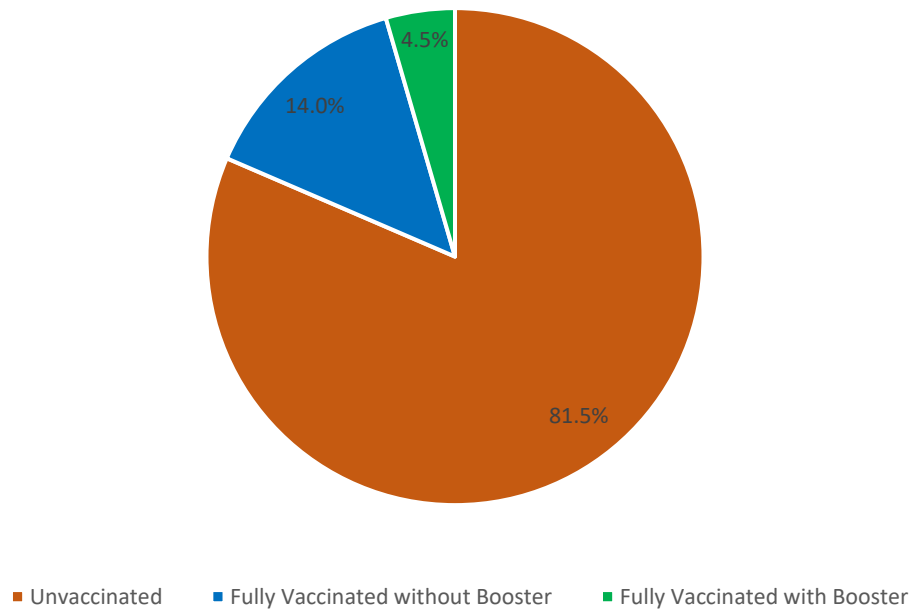
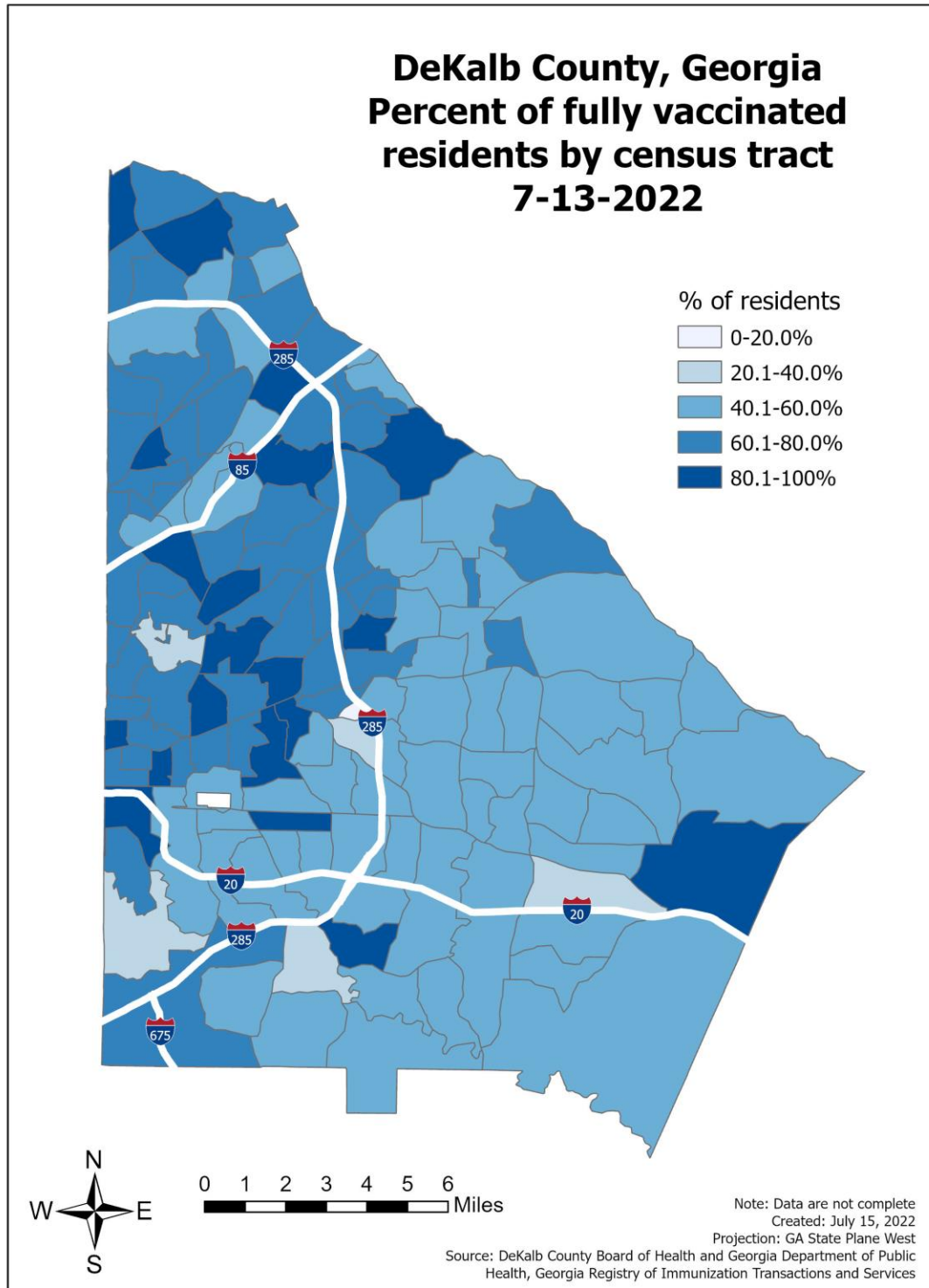In accordance with DPH, data is displayed as confirmed cases hospitalized "for any reason" and tested positive for COVID-19. Hospitalizations are not necessarily due to the COVID-19 infection.

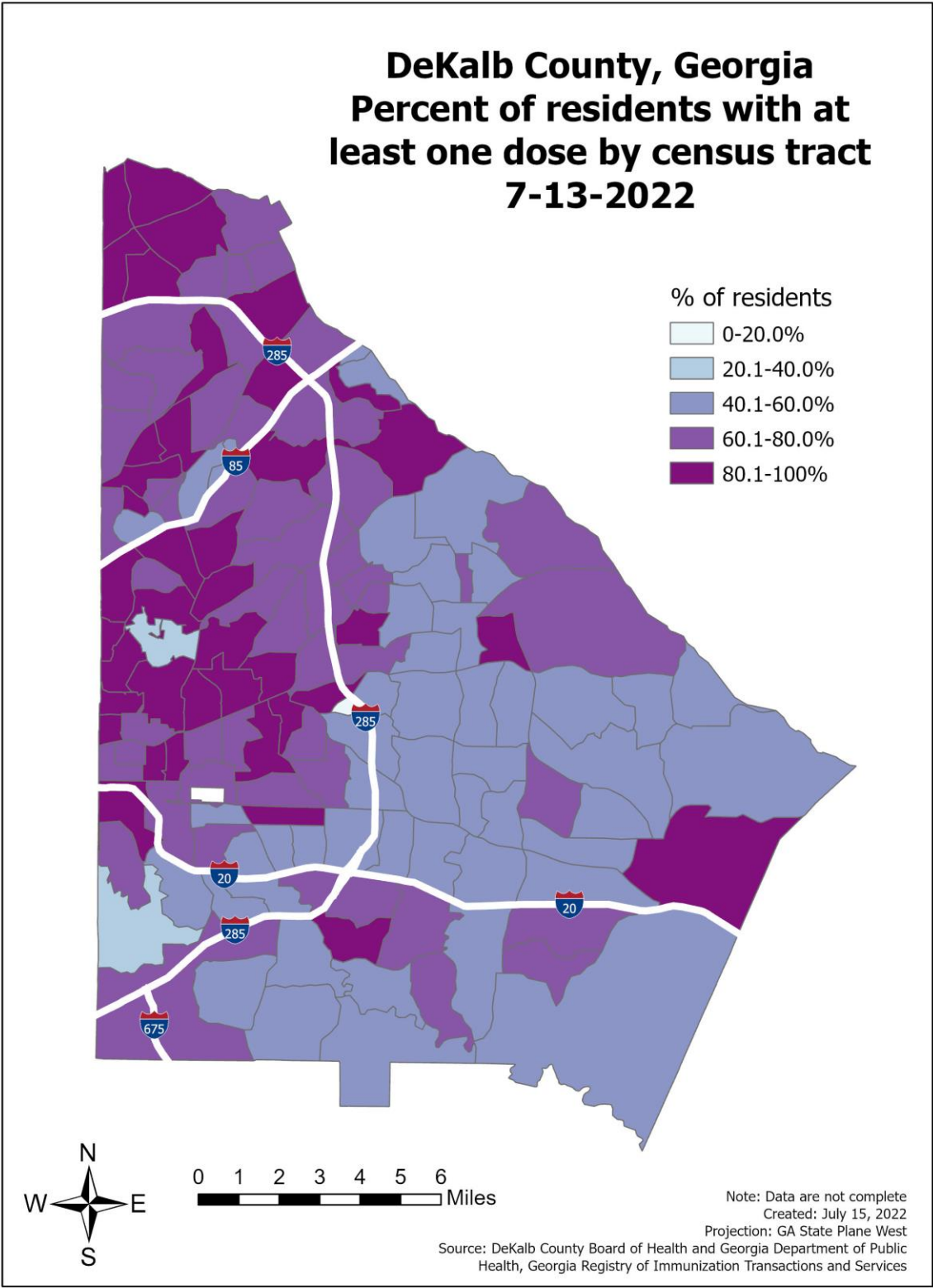## Confirmed COVID-19 Deaths by Vaccination Status

4.4%

16.3%

79.2%

■ Unvaccinated   ■ Fully Vaccinated without Booster   ■ Fully Vaccinated with Booster

Note: Data reflects cases with an onset between 1/15/2021 and 7/8/2022

**DeKalb County, Georgia
Percent of fully vaccinated
residents by census tract
7-13-2022**

% 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

Note: Data are not complete
Created: July 15, 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 Vapartment of Public Health's COVID-19 vaccination dashboard, last updated on 7/13/2022

DeKalb County, Georgia
Percent of residents with at least one dose by census tract
7-13-2022

% 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

Note: Data are not complete
Created: July 15, 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 7/13/2022