Dekalb COVID-19 Epidemiology Report

February 21, 2022

DEKALB COUNTY Board of Health

Overview

| **125,838** Confirmed cases | **6.6%** percent of Georgia cases are in Dekalb | **150** cases per 100K people in the last 7 days | **7,798** hospitalizations | **1,407** deaths |

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

*Counts shown reflect the number of confirmed cases as of 2/20/22 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.
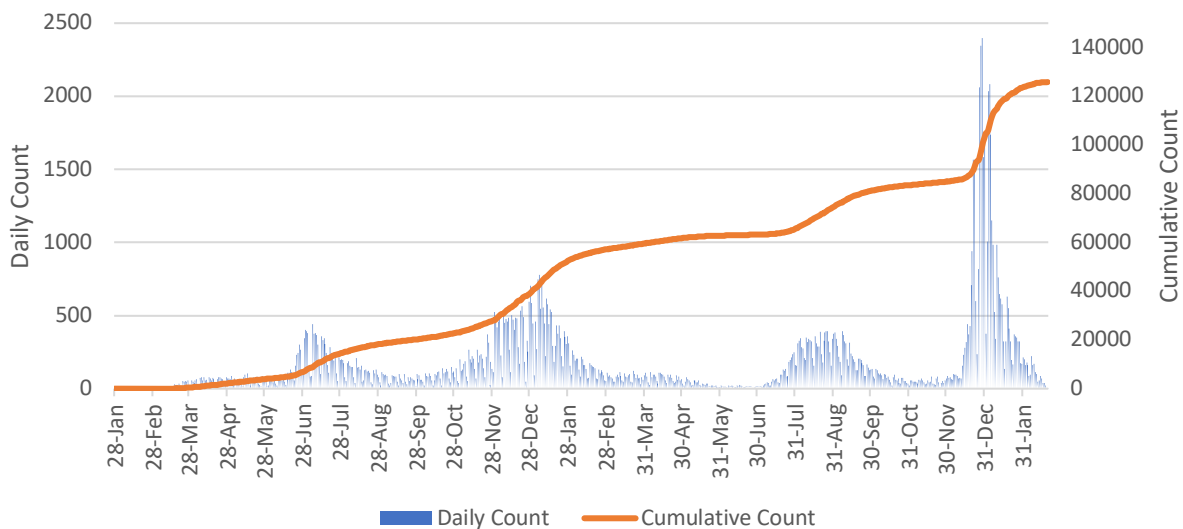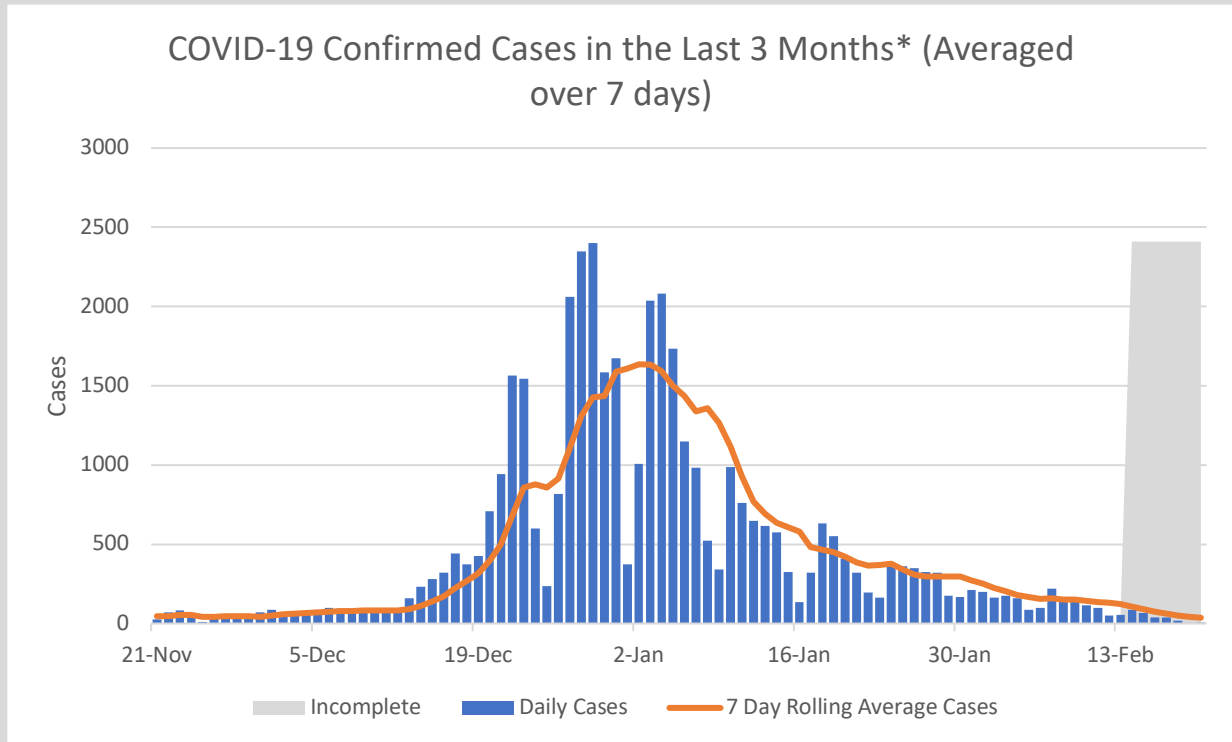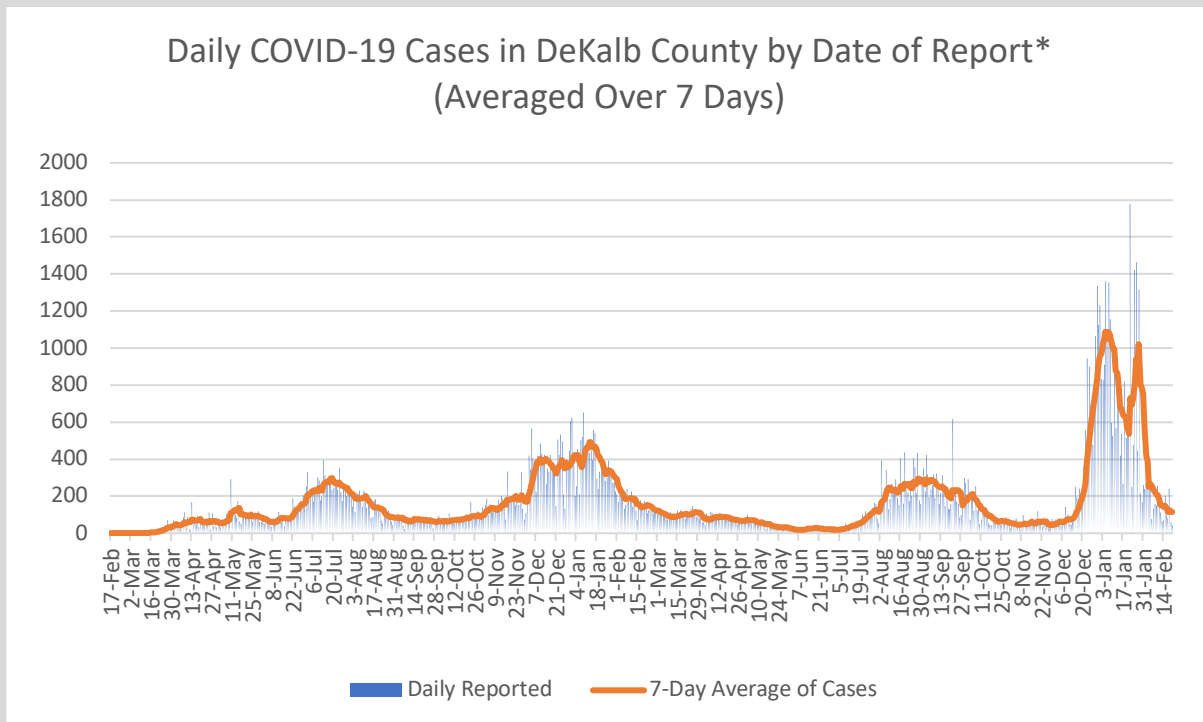
- As of February 20, DeKalb County has reported 125,838 confirmed cases of 2019 novel coronavirus disease (COVID-19) and 1,407 confirmed COVID-19 deaths, an increase of 624 cases (+0.5%) and 20 deaths (+1.4%) since the last report on February 16.
- During the week of 2/12 to 2/18, there were 150 COVID-19 cases per 100,000 people in Dekalb, which is defined as "high" community transmission by the CDC
- 1,839 COVID-19 cases (232 cases per 100,000 population) were diagnosed in the most recent 14-days (2/1–2/14), a **59.7% DECREASE** from the previous 14-days (1/18-1/31)
- Of all persons diagnosed with COVID-19 in DeKalb, 6.2% needed hospitalization and 1.1% died
- As of February 18, Georgia Department of Public Health reported that DeKalb accounted for 6.6% of the total number of COVID-19 cases in Georgia to date
- As of February 18, Georgia Department of Public Health reported that DeKalb has administered 1,095,212 vaccines, and has 474,885 residents with at least one dose (63%) and 431,349 fully vaccinated residents (58%)
  - 45% of fully vaccinated residents have received a third dose or booster dose.

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 2/20/2022 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)

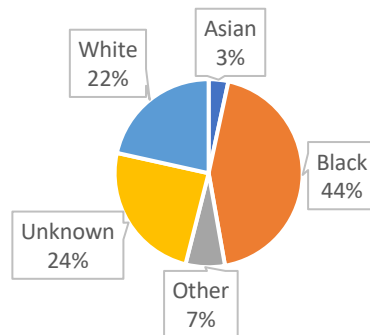Legend: Daily Reported | 7-Day Average of Cases

*Counts shown reflect the number of confirmed cases as of 2/20/2022 using date of report creating in GA SendSS. All data reported are preliminary and subject to change.
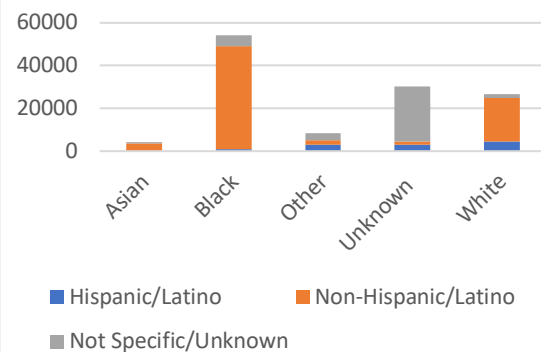
Demographic Distribution of COVID Cases

Demographics		
Gender	N	%
Female	69843	55.5%
Male	54958	43.7%
Unknown	1037	0.8%
Age		
9 and Under	8929	7.1%
10 to 19	13574	10.8%
20 to 29	24928	19.8%
30 to 39	25340	20.1%
40 to 49	19145	15.2%
50 to 59	16066	12.8%
60 to 69	9958	7.9%
70 and Over	7531	6.0%
Unknown	367	0.3%
Race		
Asian	4286	3.4%
Black	55039	43.7%
Other	8327	6.6%
Unknown	30926	24.6%
White	27260	21.7%
Ethnicity		
Hispanic/Latino	11807	9.4%
Non-Hispanic/Latino	76331	60.7%
Not Specific/Unknown	37700	30.0%

COVID-19 Cases by Race, DeKalb County

White 22%
Asian 3%
Black 44%
Other 7%
Unknown 24%

COVID-19 Cases 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

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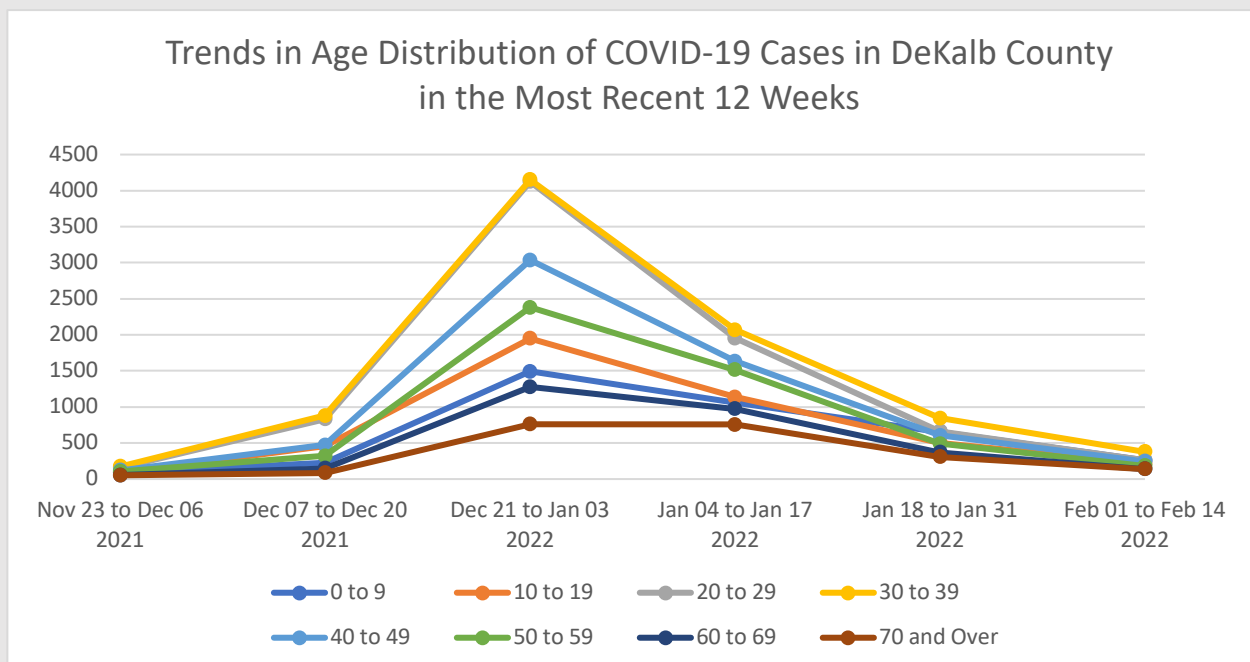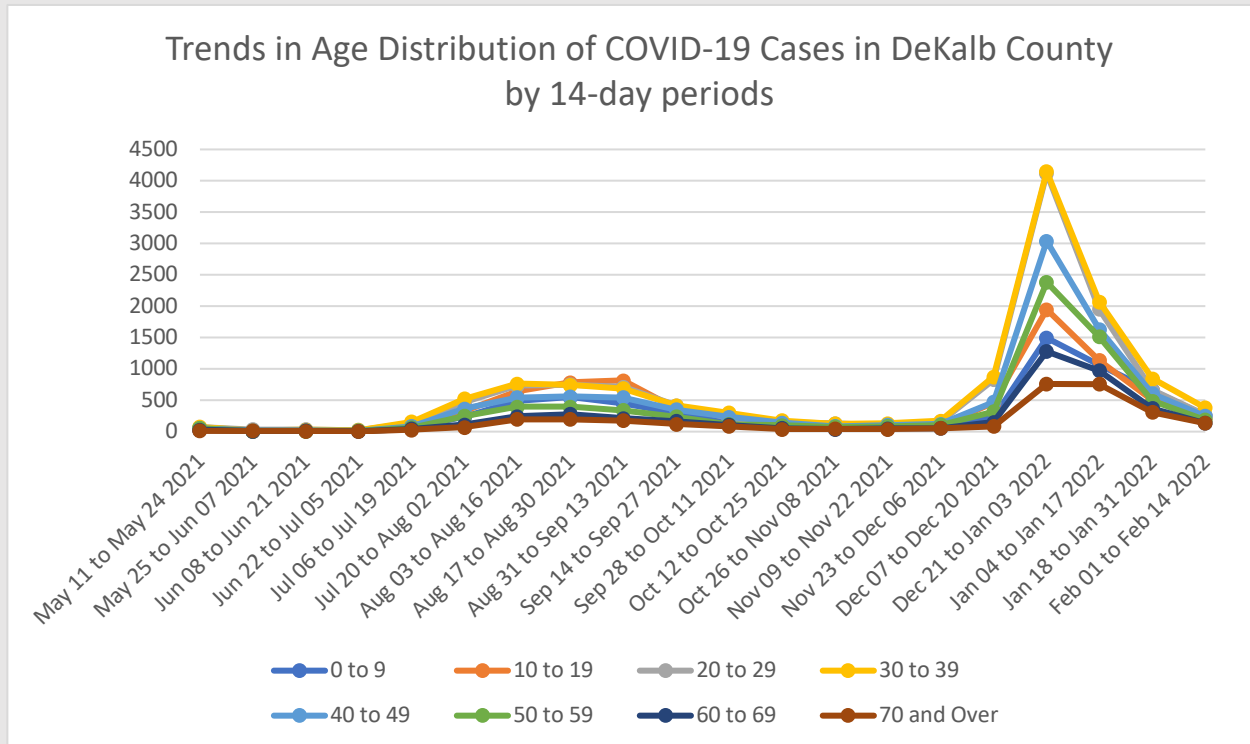
Trends in Age Distribution of COVID-19 Cases in DeKalb County by 14-day periods

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 2/20/22 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.
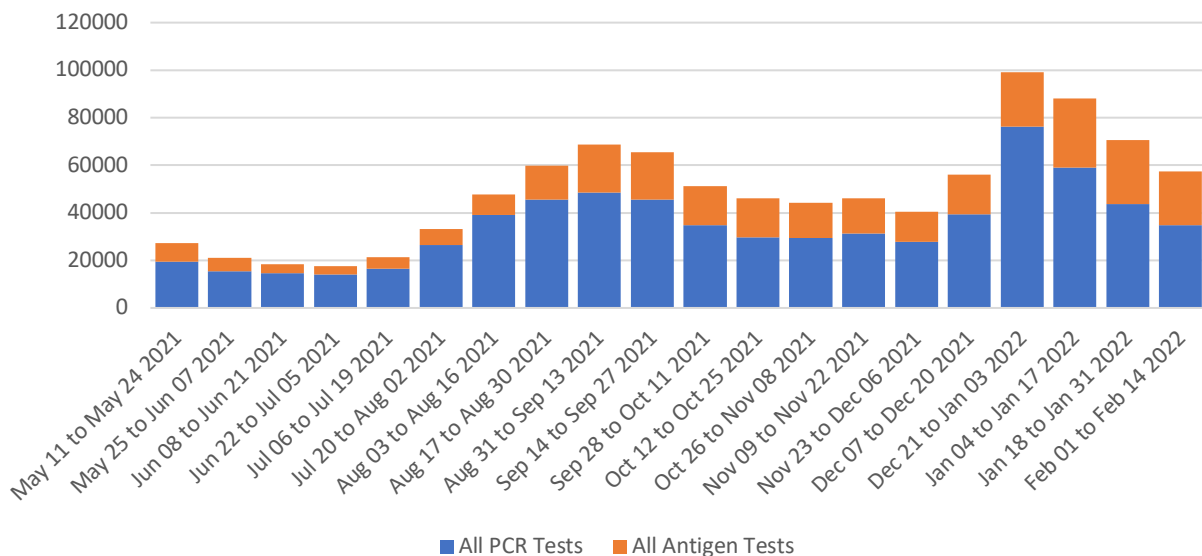
Trends in positive COVID-19 PCR Tests in DeKalb County by 14-day Periods

Legend: All PCR Tests (bars) — Percent Positivity (line)
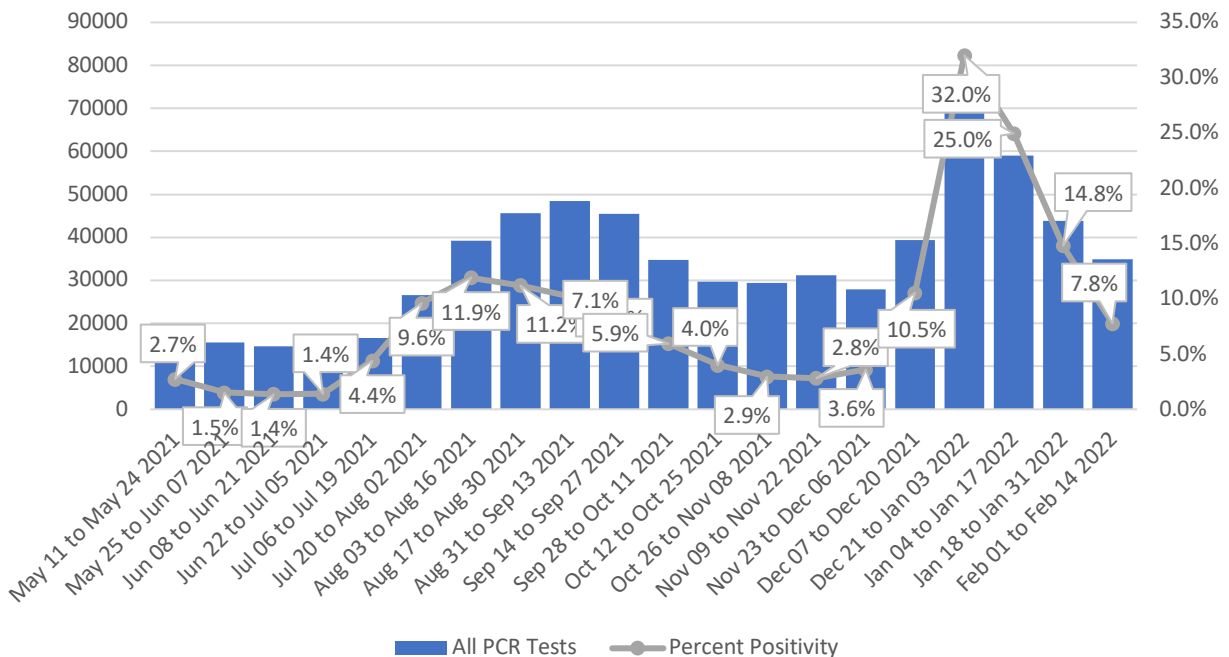
*Data as of 2/18/2022. Only data on Polymerase Chain Reaction (PCR) tests were included. All data reported are preliminary and subject to change

Total Testing in DeKalb County by 14-day Periods

Legend: All PCR Tests — All Antigen Tests

*Data as of 2/18/2022. Negative antigen tests from pop-up sites are not always reported and at-home kits do not report any results, leading to an underreporting of antigen test counts. All data reported are preliminary and subject to change.

COVID-19 Related Deaths

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

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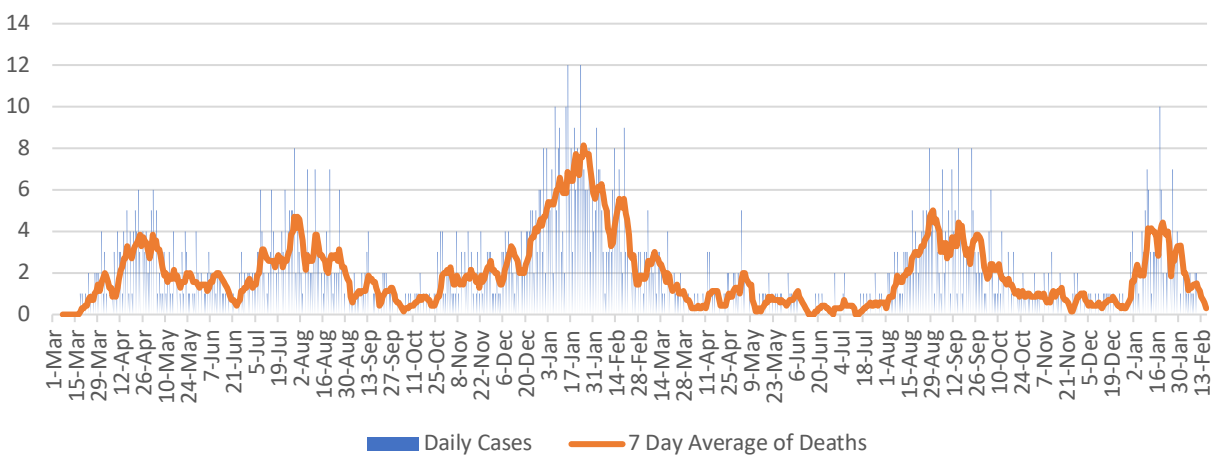
COVID-19 Deaths in Georgia Daily by Date of Case Report (Averaged over 7 days)

Legend: Daily Deaths, 7 Day Average of Deaths
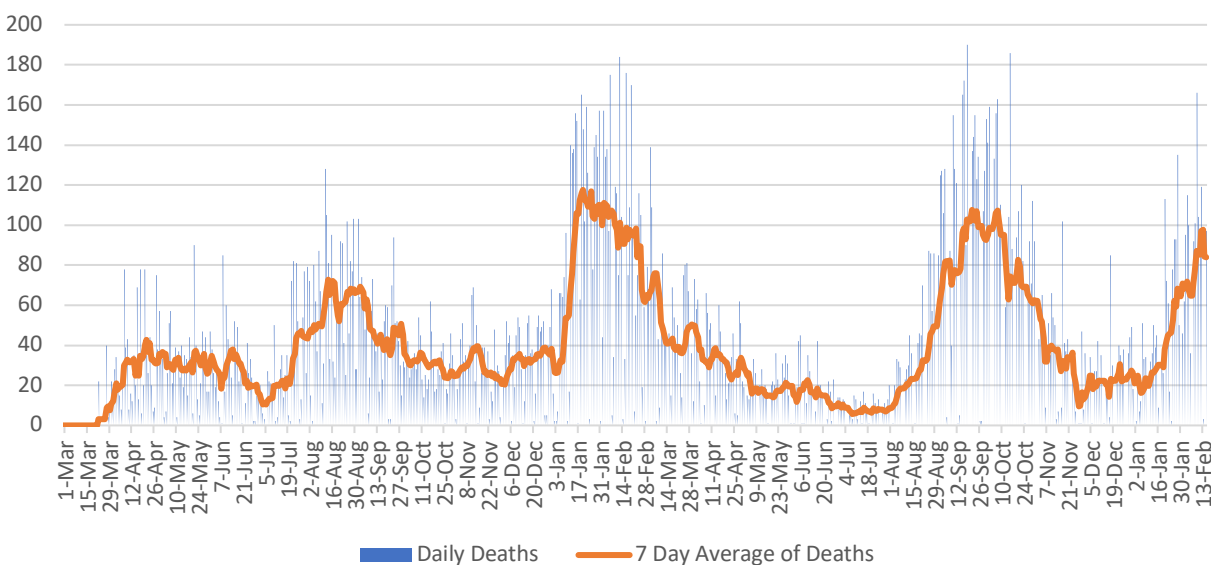
*DeKalb County Data as of 2/20/2022. Georgia data as 2/18/2022. Date of case reported used. All data reported are preliminary and subject to change.

Total COVID-19 Related Hospitalizations/Deaths in DeKalb County, GA	Count	%
Hospitalization		
Needed Hospitalization	7798	6.2%
Not Known to Have Been Hospitalized	118040	93.8%
Deaths		
Died	1407	1.1%

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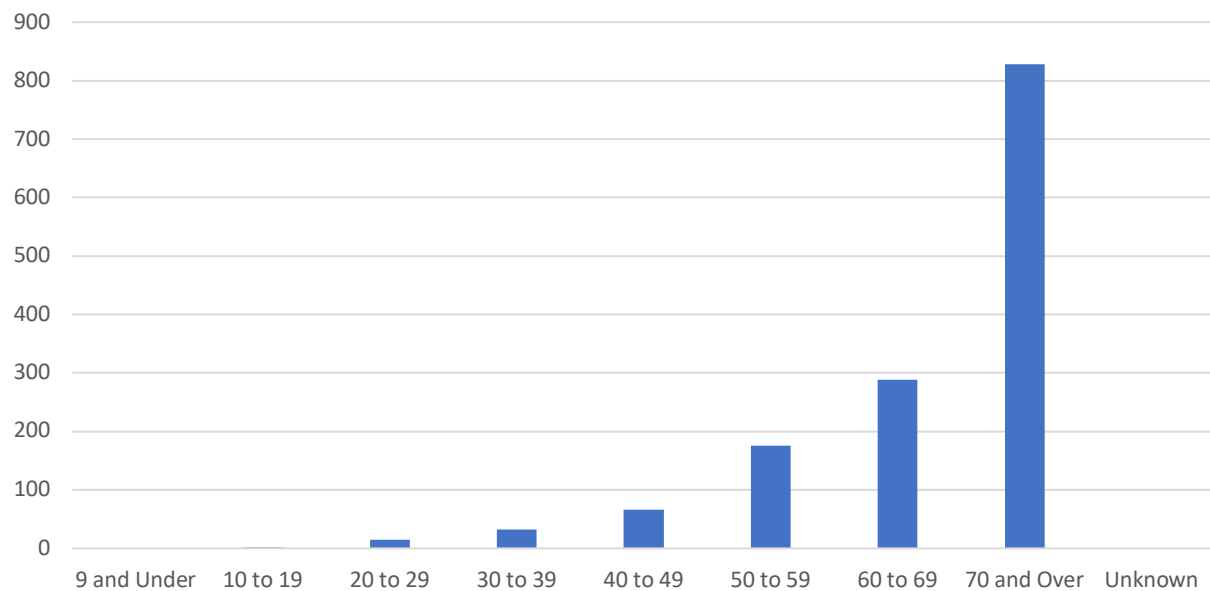
COVID-19 Related Deaths by Race and Ethnicity, DeKalb County

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 1/18-1/31 to 2/1-2/14

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

Note: Data are not complete
Created: February 21, 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 2/16	Current 2/20	Percent of Total	Previous 14 Days 1/18-1/31	Recent 14 Days 2/1-2/14	Percent Change in 14-day periods
All DeKalb	125216	125838	100.0%	4558	1839	-59.7%
30058	10106	10134	8.1%	300	103	-65.7%
30083	8766	8804	7.0%	271	101	-62.7%
30034	8313	8342	6.6%	208	84	-59.6%
30032	7637	7670	6.1%	215	95	-55.8%
30038	7514	7537	6.0%	197	91	-53.8%
30319	6505	6551	5.2%	290	124	-57.2%
30341	5760	5786	4.6%	231	88	-61.9%
30338	5267	5300	4.2%	256	118	-53.9%
30329	5032	5069	4.0%	174	109	-37.4%
30084	4732	4756	3.8%	172	70	-59.3%
30340	4510	4523	3.6%	183	57	-68.9%
30088	4437	4451	3.5%	143	51	-64.3%
30033	4350	4392	3.5%	223	99	-55.6%
30087	4194	4214	3.3%	129	49	-62.0%
30316	3887	3906	3.1%	145	57	-60.7%
30035	3784	3799	3.0%	125	42	-66.4%
30030	3737	3766	3.0%	192	85	-55.7%
30345	3715	3745	3.0%	183	63	-65.6%
30294	3549	3564	2.8%	98	35	-64.3%
30021	3352	3364	2.7%	115	26	-77.4%
30360	2357	2366	1.9%	82	25	-69.5%
30317	2013	2023	1.6%	83	33	-60.2%
30307	1636	1651	1.3%	80	31	-61.3%
30306	1130	1137	0.9%	57	27	-52.6%
30346	1011	1014	0.8%	32	18	-43.8%
30002	758	763	0.6%	37	12	-67.6%
30324	757	762	0.6%	18	18	0.0%
30322	622	627	0.5%	41	28	-31.7%
30288	577	581	0.5%	17	<5	NA
30079	561	565	0.4%	15	10	-33.3%
30350	482	483	0.4%	6	<5	NA
30328	223	222	0.2%	11	<5	NA
30039	128	128	0.1%	10	<5	NA
30072	94	95	0.1%	<5	<5	NA
30094	80	81	0.1%	<5	<5	NA
30012	59	59	0.0%	<5	<5	NA
30315	25	25	0.0%	<5	<5	NA
Unknown	3551	3583	2.8%	59	213	261.0%

*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.
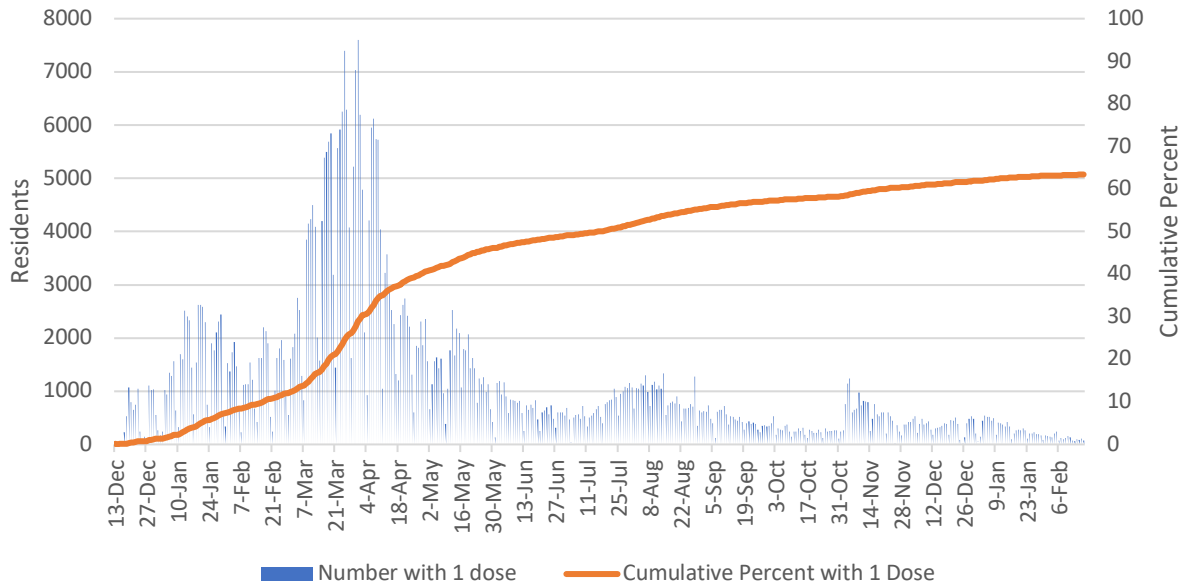
Vaccination Overview

1,095,212 total doses administered**
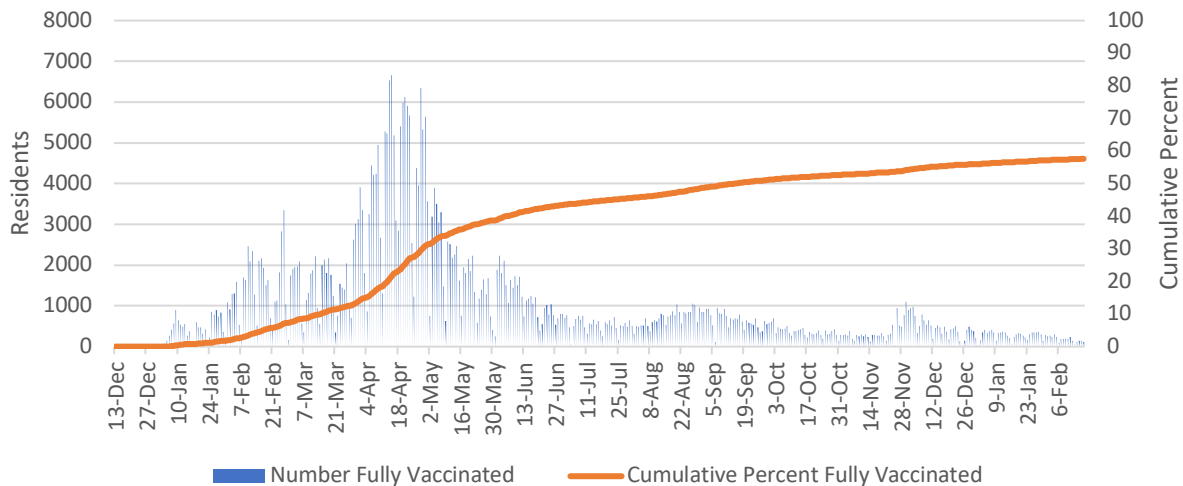
63.4% of residents with at least one dose

57.6% of residents fully vaccinated

25% residents have an additional dose***

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 2/18/2022 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)

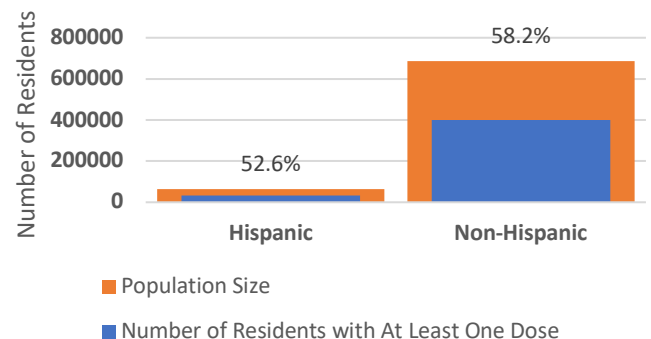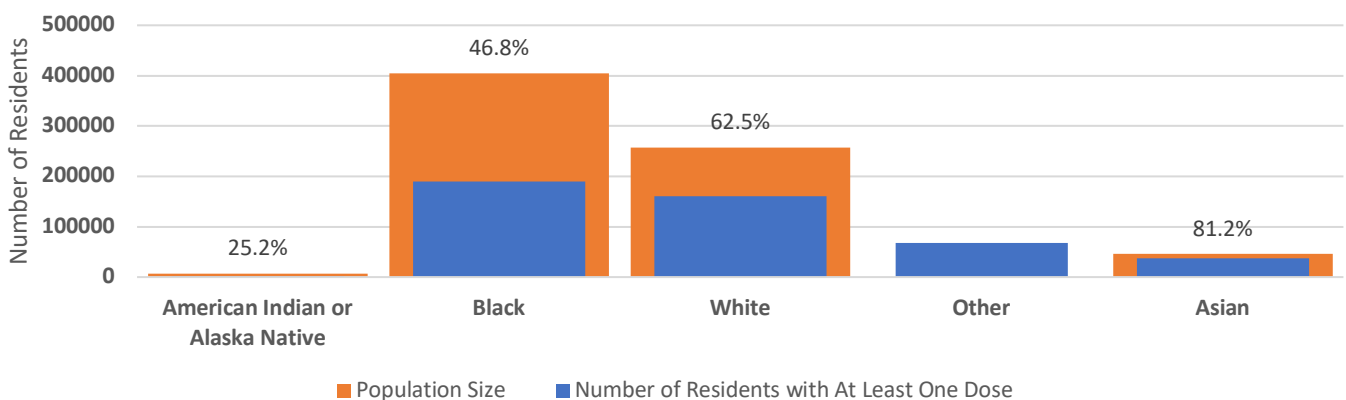| Age Group	Percentage
0 to 4	0.2%
5 to 9	26.4%
10 to 14	50%
15 to 19	67.9.0%
20 to 24	61.9%
25 to 34	58.5%
35 to 44	70.7%
45 to 54	74.7%
55 to 64	80.5%
65 to 74	96.7%
75 to 84	98.4%
85 and Over	78%

■ Population Size   ■ Number of Residents with At Least One Dose
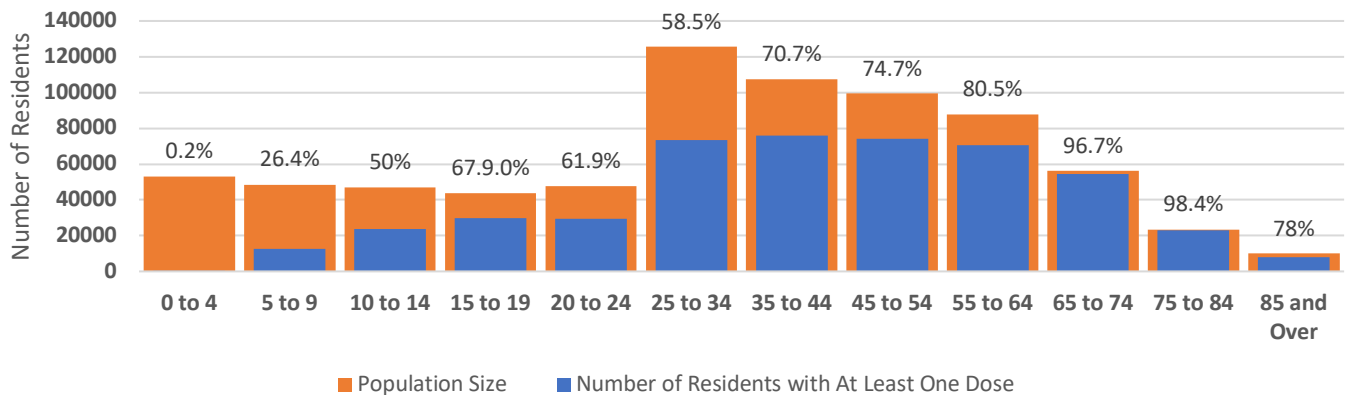
Residents with at least one dose by gender

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

- Female: 66.3%
- Male: 59.9%

■ Population Size   ■ Number of Residents with At Least One Dose
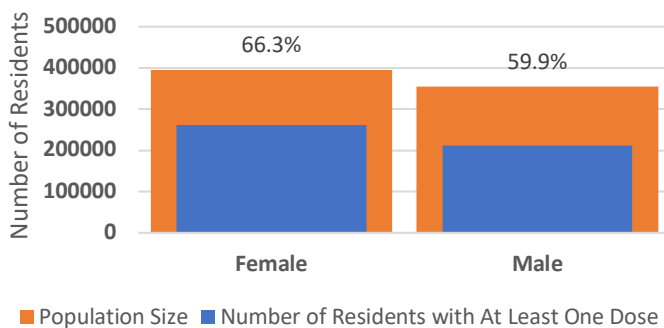
Residents with at least one dose by ethnicity

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

- Hispanic: 52.6%
- Non-Hispanic: 58.2%

■ 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: 25.2%
- Black: 46.8%
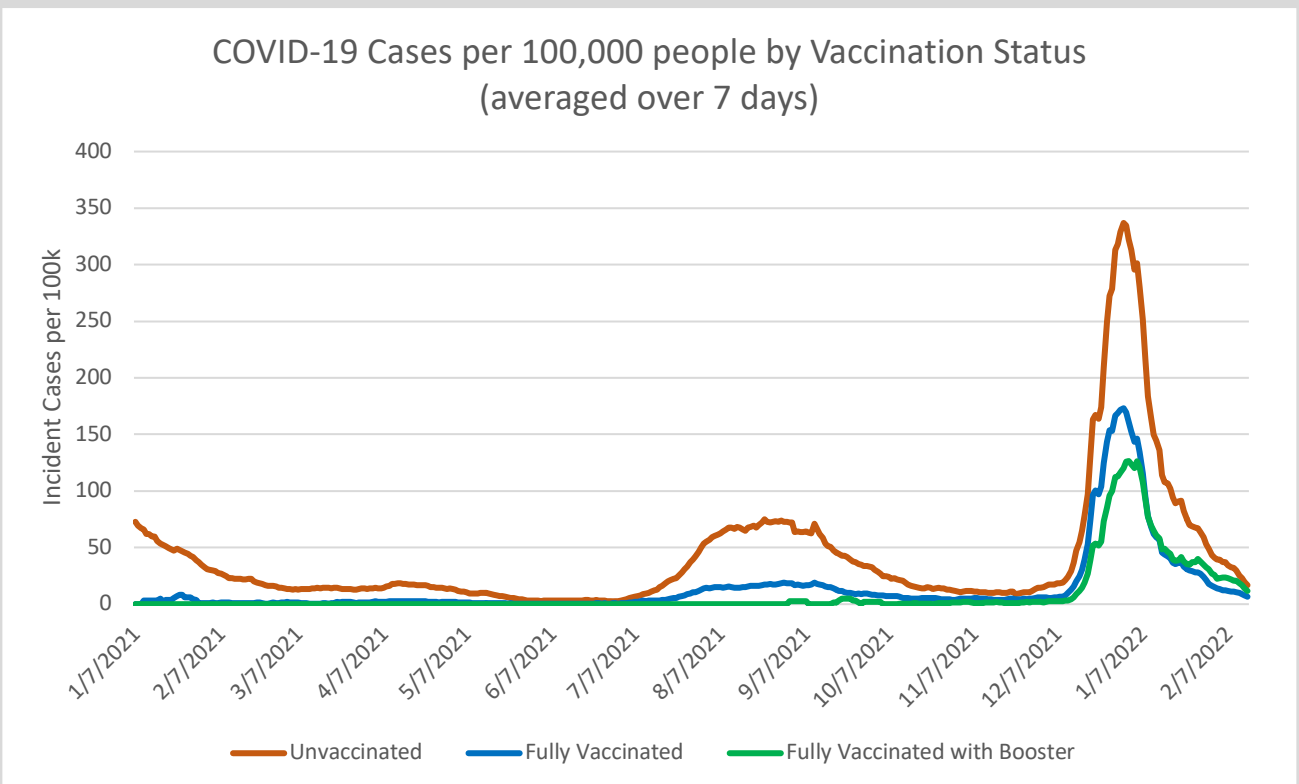- White: 62.5%
- Other
- Asian: 81.2%

■ 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 2/18/22. These graphs do not include: 641 individuals (0.1%) with unknown gender, 17,594 individuals (3.7%) with unknown race, and 42,539 individuals (9.0%) with unknown ethnicity. Vaccinations are currently only available to children under 5 who are participating in clinical trials. **All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts.

Cases by Vaccination Status

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

Cumulative Cases per 100k

25000
20000
15000
10000
5000
0

1/7/2021 2/7/2021 3/7/2021 4/7/2021 5/7/2021 6/7/2021 7/7/2021 8/7/2021 9/7/2021 10/7/2021 11/7/2021 12/7/2021 1/7/2022 2/7/2022

— Unvaccinated — Fully Vaccinated — Fully Vaccinated with Booster

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

Incident Cases per 100k

400
350
300
250
200
150
100
50
0

1/7/2021 2/7/2021 3/7/2021 4/7/2021 5/7/2021 6/7/2021 7/7/2021 8/7/2021 9/7/2021 10/7/2021 11/7/2021 12/7/2021 1/7/2022 2/7/2022

— 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 2/18/2022.
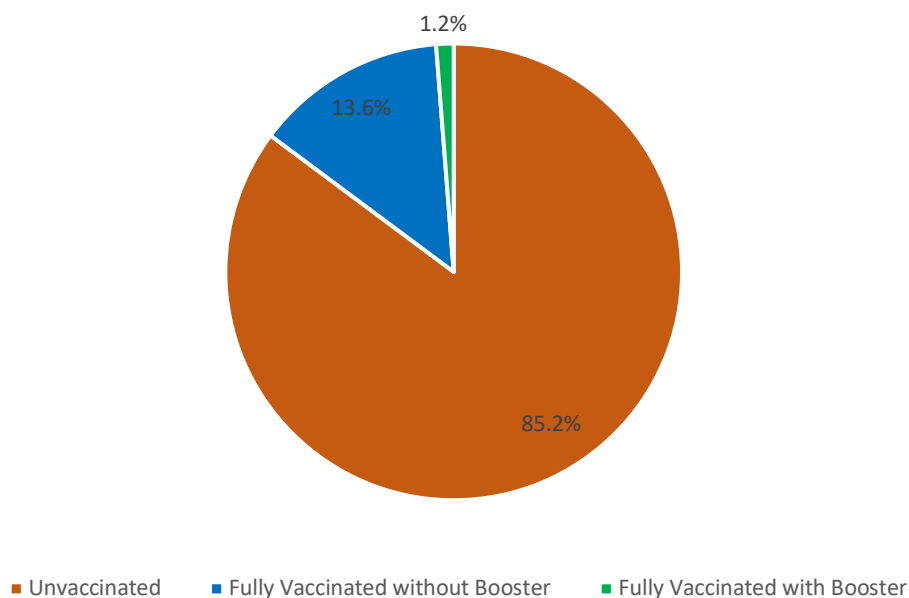
Case Outcomes by Vaccination Status

Confirmed Cases Hospitalized for Any Reason by Vaccination Status

1.7%

11.8%

86.5%

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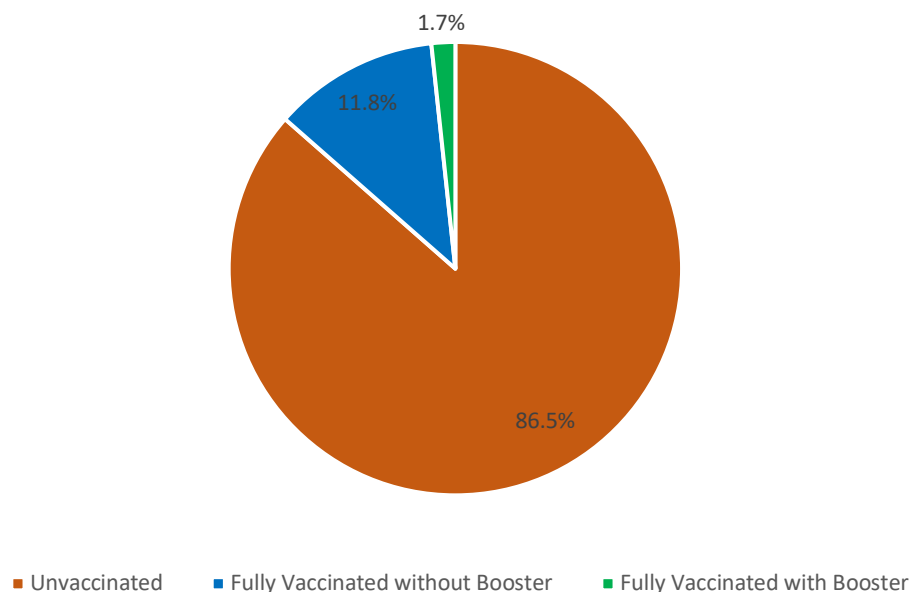
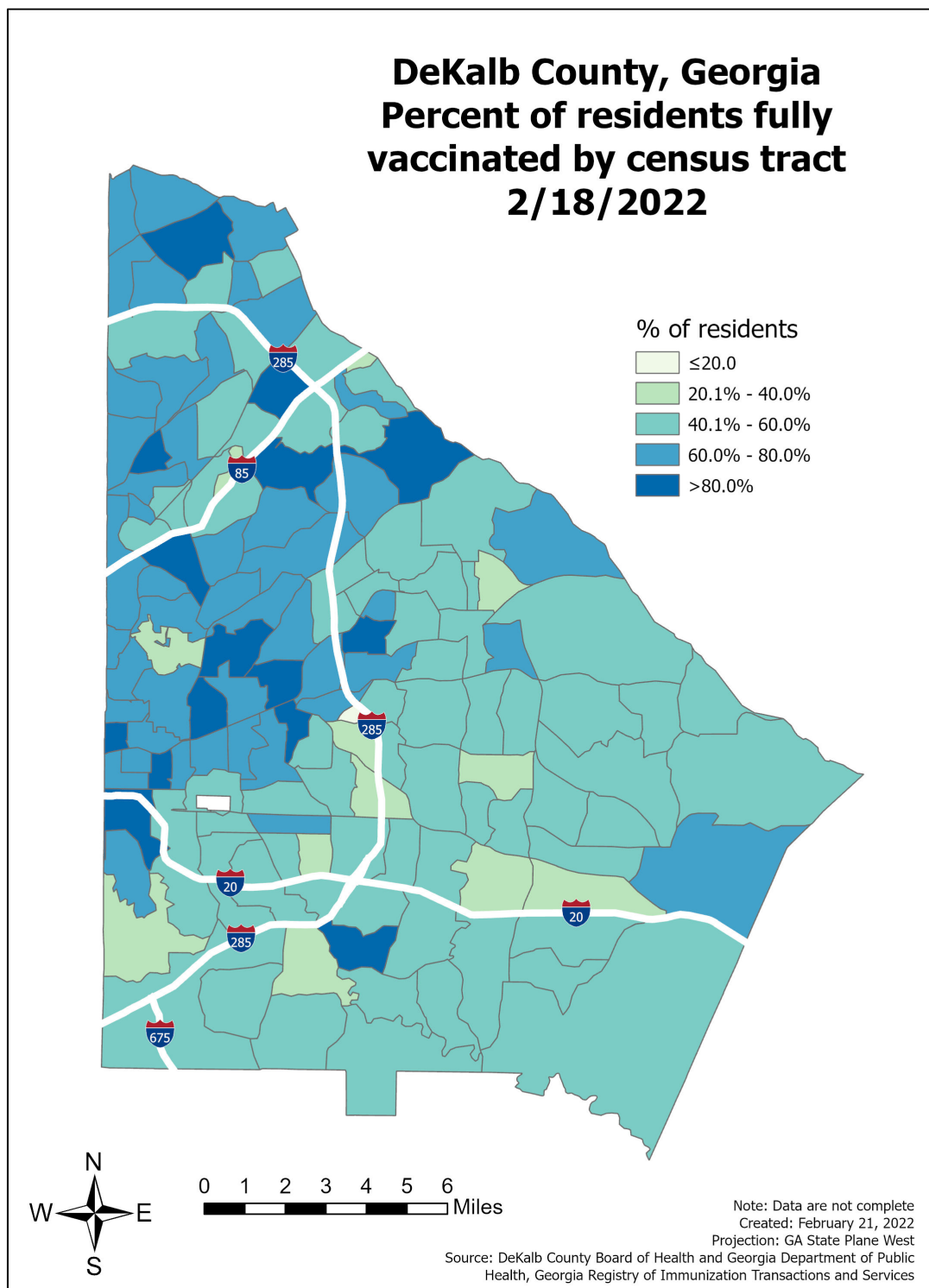In accordance with DPH, data is displayed as confirmed cases hospitalized "for any reason" and tested positive for COVID-19. Hospitalizations are not necessarily due to the COVID-19 infection.

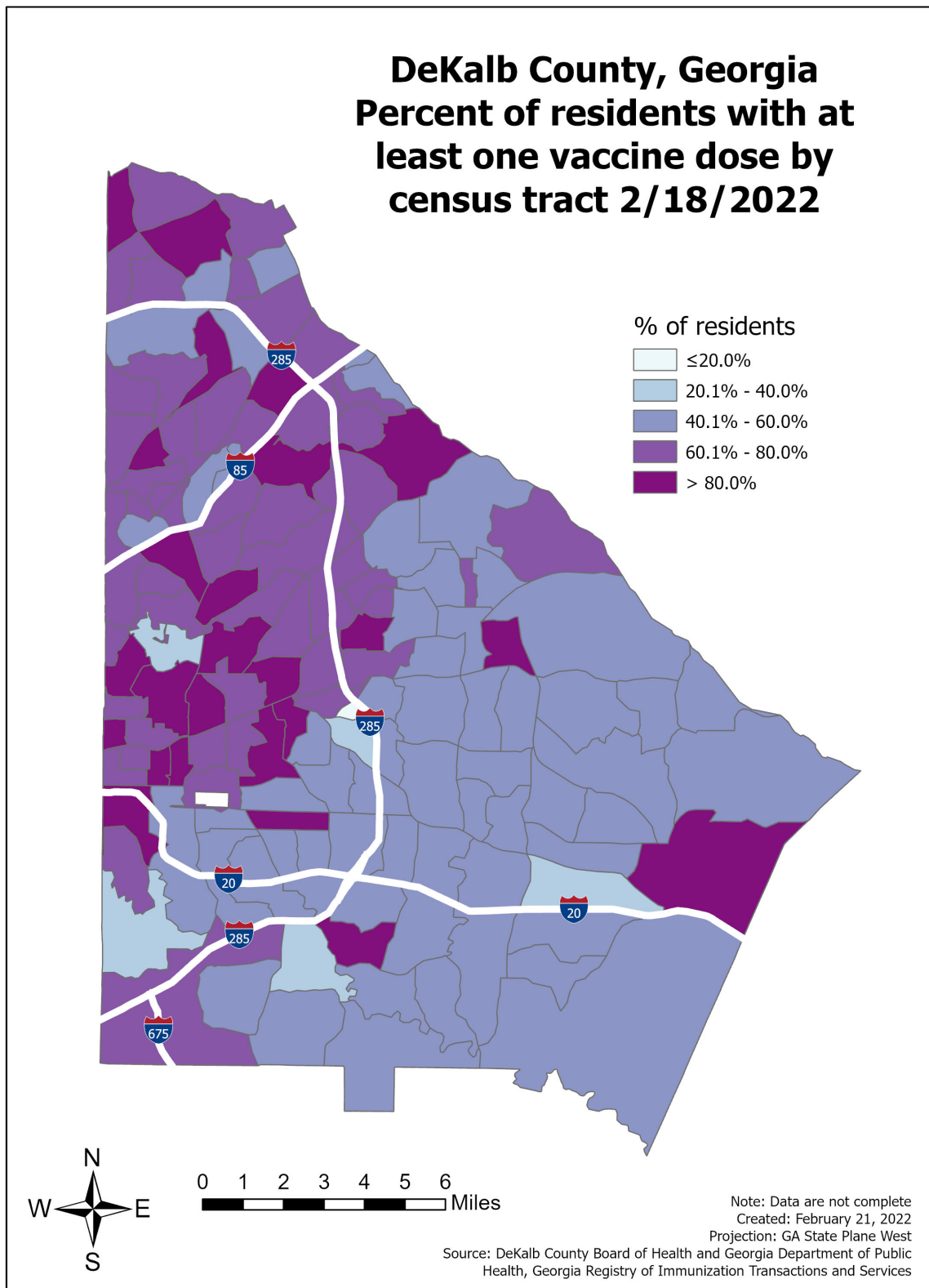## Confirmed COVID-19 Deaths by Vaccination Status

1.2%

13.6%

85.2%

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

Note: Data reflects cases with an onset between 1/7/2021 and 2/14/2022

**DeKalb County, Georgia
Percent of residents fully
vaccinated by census tract
2/18/2022**

% of residents

≤20.0
20.1% - 40.0%
40.1% - 60.0%
60.0% - 80.0%
>80.0%

Note: Data are not complete
Created: February 21, 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 2/18/2022

**DeKalb County, Georgia
Percent of residents with at
least one vaccine dose by
census tract 2/18/2022**

% of residents
- ≤20.0%
- 20.1% - 40.0%
- 40.1% - 60.0%
- 60.1% - 80.0%
- > 80.0%

N
W E
S

0 1 2 3 4 5 6 Miles

Note: Data are not complete
Created: February 21, 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
2/18/2022