# Dekalb COVID-19 Epidemiology Report
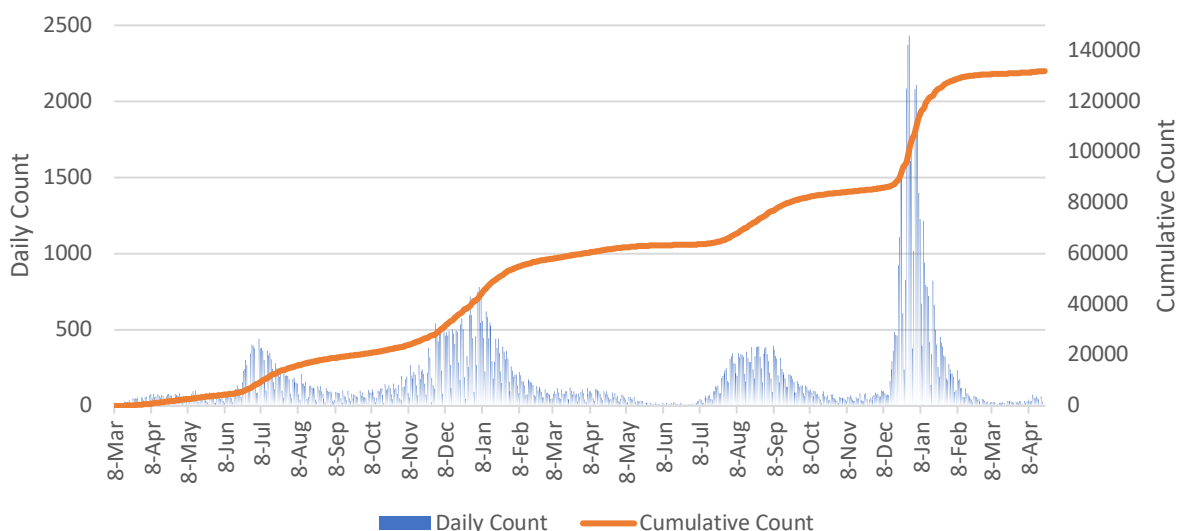
## April 22, 2022

## Overview

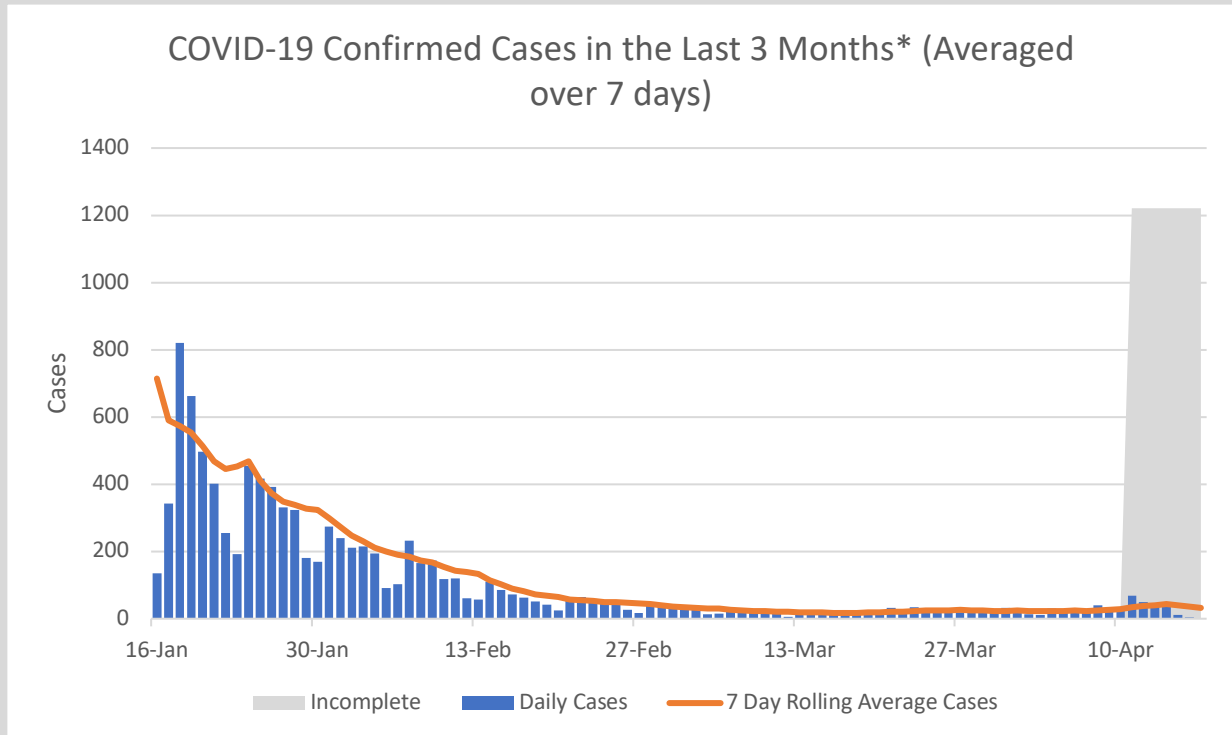| 131,995 Confirmed cases | 7.0% of cases in Georgia are in DeKalb | 59 cases per 100K people in the last 7 days | 8,265 hospitalizations | 1,553 deaths |

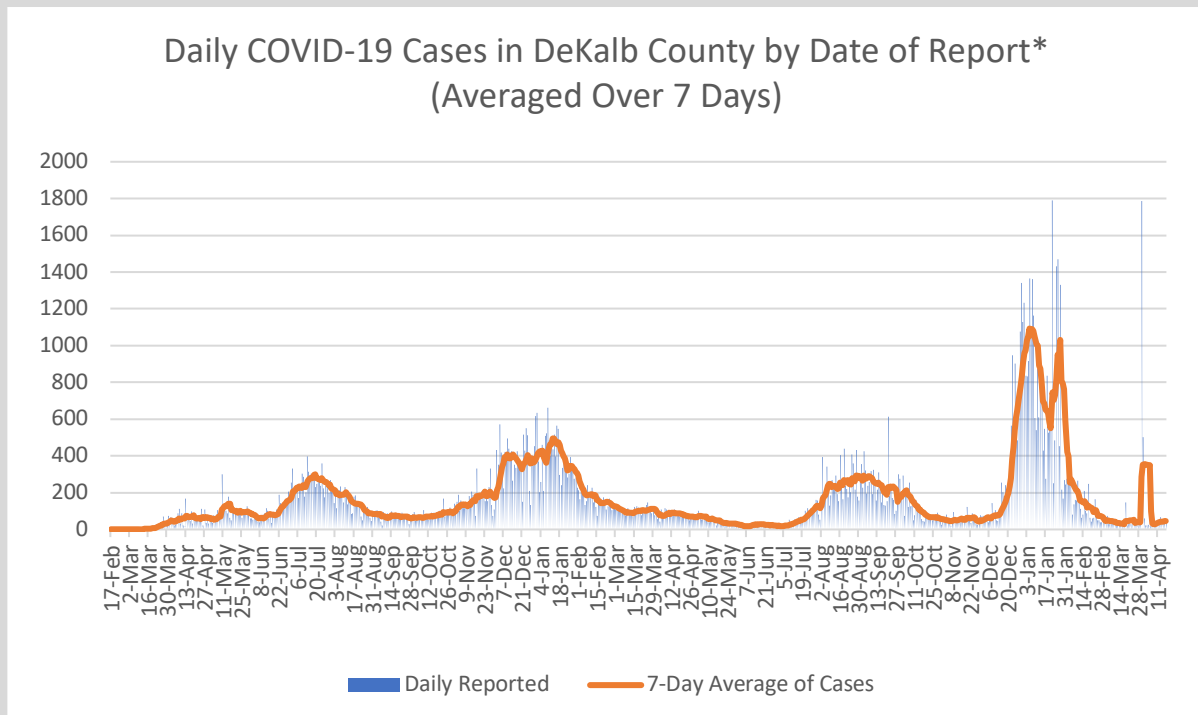## Daily and Cumulative COVID-19 Case Counts, DeKalb County*



*Counts shown reflect the number of confirmed cases as of 4/21/22 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 April 21, DeKalb County has reported 131,995 confirmed cases of 2019 novel coronavirus disease (COVID-19) and 1,553 confirmed COVID-19 deaths, an increase of 273 cases (+0.2%) and 8 deaths (+0.5%) since the last report on April 18. 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 4/14 to 4/20, DeKalb County had "low" community levels, with 59 new COVID-19 cases per 100,000 people in the last 7 days, 3 COVID-19 hospital admissions per 100,000 people in Dekalb, and a 1.6% inpatient bed utilization rate for COVID-19 patients
- 529 COVID-19 cases (67 cases per 100,000 population) were diagnosed in the most recent 14-days (4/2–4/15), a **55.1% INCREASE** from the previous 14-days (3/19-4/1)
- Of all persons diagnosed with COVID-19 in DeKalb, 6.3% needed hospitalization and 1.2% died
- As of April 20, Georgia Department of Public Health reported that DeKalb accounted for 7.0% of the total number of COVID-19 cases in Georgia to date
- As of April 20, Georgia Department of Public Health reported that DeKalb has administered 1,140,790 vaccines, and has 481,264 residents with at least one dose (64%) and 439,587 fully vaccinated residents (59%)

## 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 4/21/2022 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)
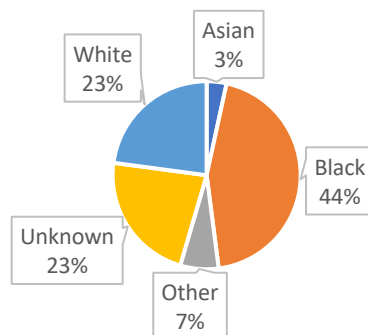


Legend: Daily Reported | 7-Day Average of Cases

*Counts shown reflect the number of confirmed cases as of 4/21/2022 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.
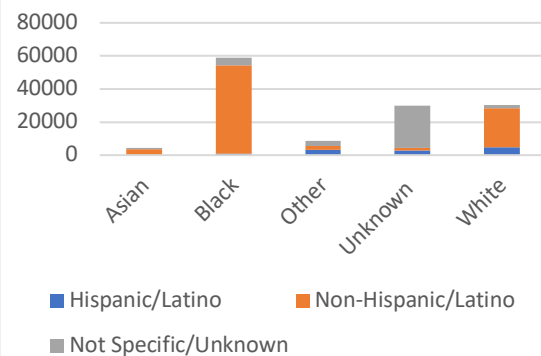
# Demographic Distribution of COVID Cases

| Demographics | | |
|---|---|---|
| **Gender** | N | % |
| **Female** | 73286 | 55.5% |
| **Male** | 57544 | 43.6% |
| **Unknown** | 1165 | 0.9% |
| **Age** | | |
| **9 and Under** | 9641 | 7.3% |
| **10 to 19** | 14267 | 10.8% |
| **20 to 29** | 25934 | 19.6% |
| **30 to 39** | 26576 | 20.1% |
| **40 to 49** | 20082 | 15.2% |
| **50 to 59** | 16790 | 12.7% |
| **60 to 69** | 10489 | 7.9% |
| **70 and Over** | 7871 | 6.0% |
| **Unknown** | 345 | 0.3% |
| **Race** | | |
| **Asian** | 4513 | 3.4% |
| **Black** | 58780 | 44.5% |
| **Other** | 8701 | 6.6% |
| **Unknown** | 29803 | 22.6% |
| **White** | 30198 | 22.9% |
| **Ethnicity** | | |
| **Hispanic/Latino** | 12314 | 9.3% |
| **Non-Hispanic/Latino** | 83561 | 63.3% |
| **Not Specific/Unknown** | 36120 | 27.4% |

### COVID-19 Cases by Race, DeKalb County



Asian 3%
White 23%
Black 44%
Unknown 23%
Other 7%

### COVID-19 Cases by Race and Ethnicity, DeKalb County



Categories: Asian, Black, Other, Unknown, White

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
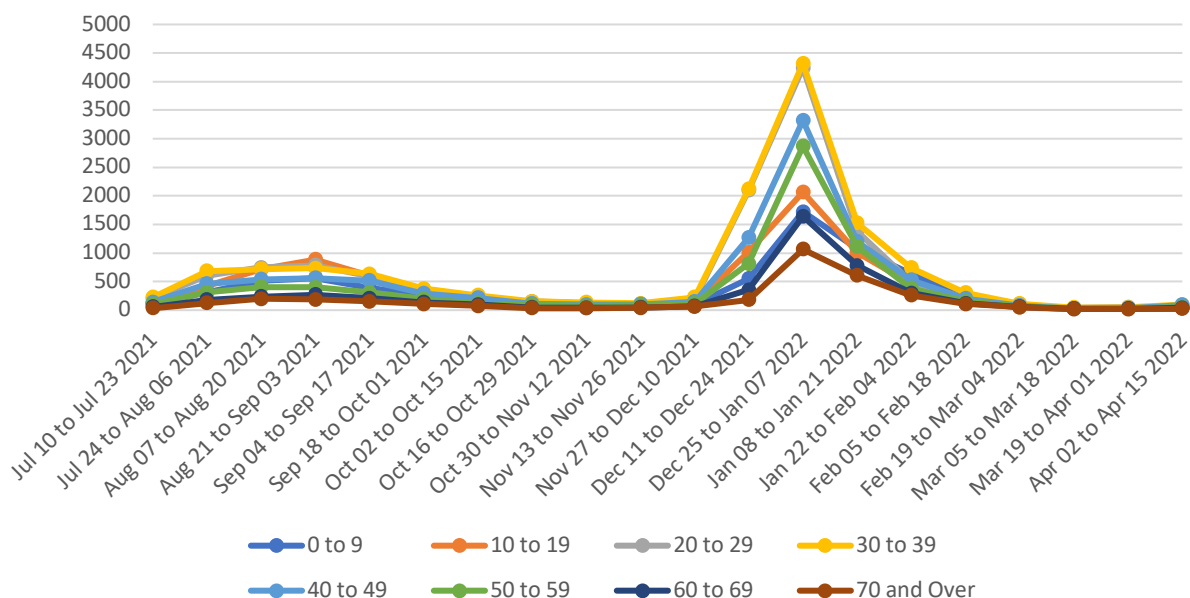
## Trends in Age Distribution of COVID-19 Cases in DeKalb County in the Most Recent 12 Weeks
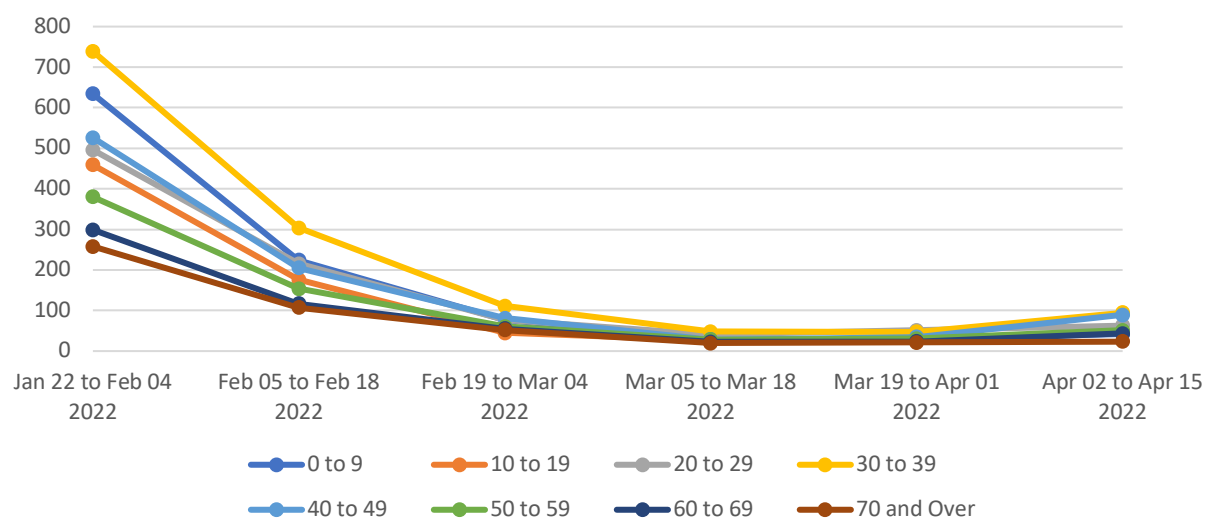


Legend: 0 to 9 | 10 to 19 | 20 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 to 69 | 70 and Over

*Counts shown reflect the number of confirmed cases as of 4/21/22 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: 5.8%, 11.0%, 11.8%, 11.2%, 9.0%, 6.9%, 5.1%, 3.6%, 2.9%, 3.1%, 3.7%, 18.6%, 33.4%, 19.9%, 12.4%, 6.3%, 2.7%, 1.3%, 1.6%, 3.5%

X-axis categories: Jul 10 to Jul 23 2021, Jul 24 to Aug 06 2021, Aug 07 to Aug 20 2021, Aug 21 to Sep 03 2021, Sep 04 to Sep 17 2021, Sep 18 to Oct 01 2021, 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 2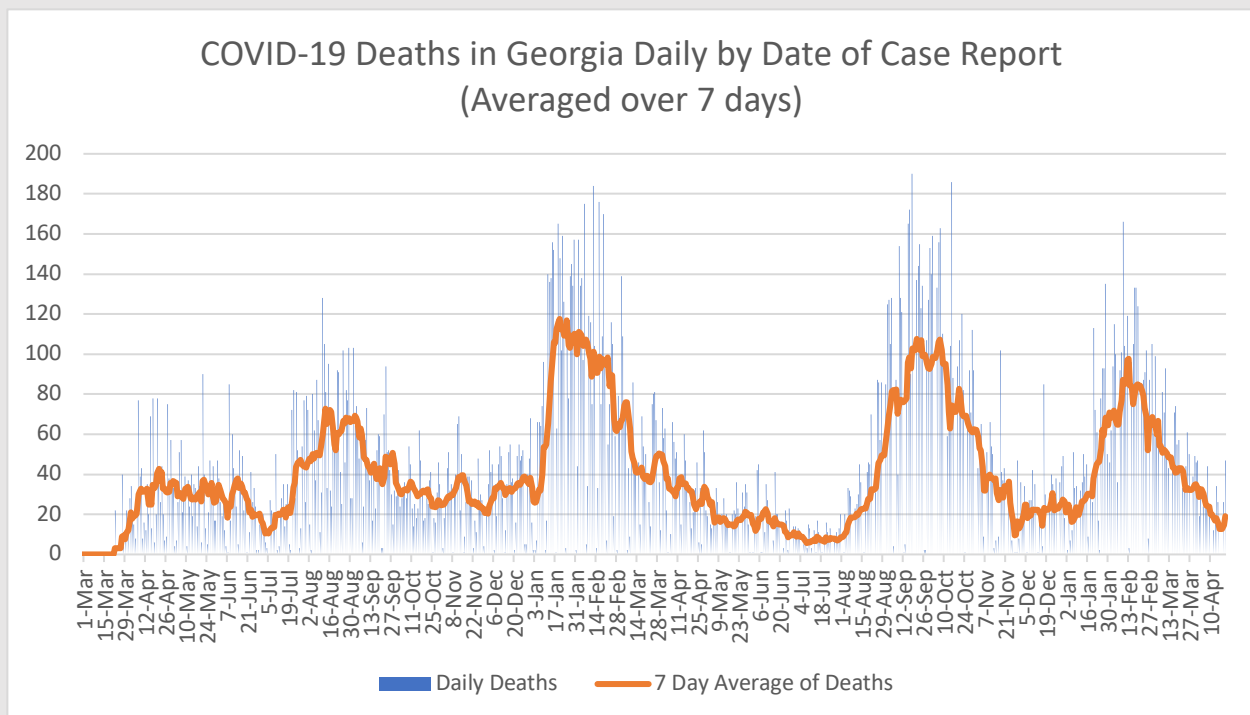021, Dec 11 to Dec 24 2021, Dec 25 to Jan 07 2022, Jan 08 to Jan 21 2022, Jan 22 to Feb 04 2022, Feb 05 to Feb 18 2022, Feb 19 to Mar 04 2022, Mar 05 to Mar 18 2022, Mar 19 to Apr 01 2022, Apr 02 to Apr 15 2022

*Data as of 4/20/2022. 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
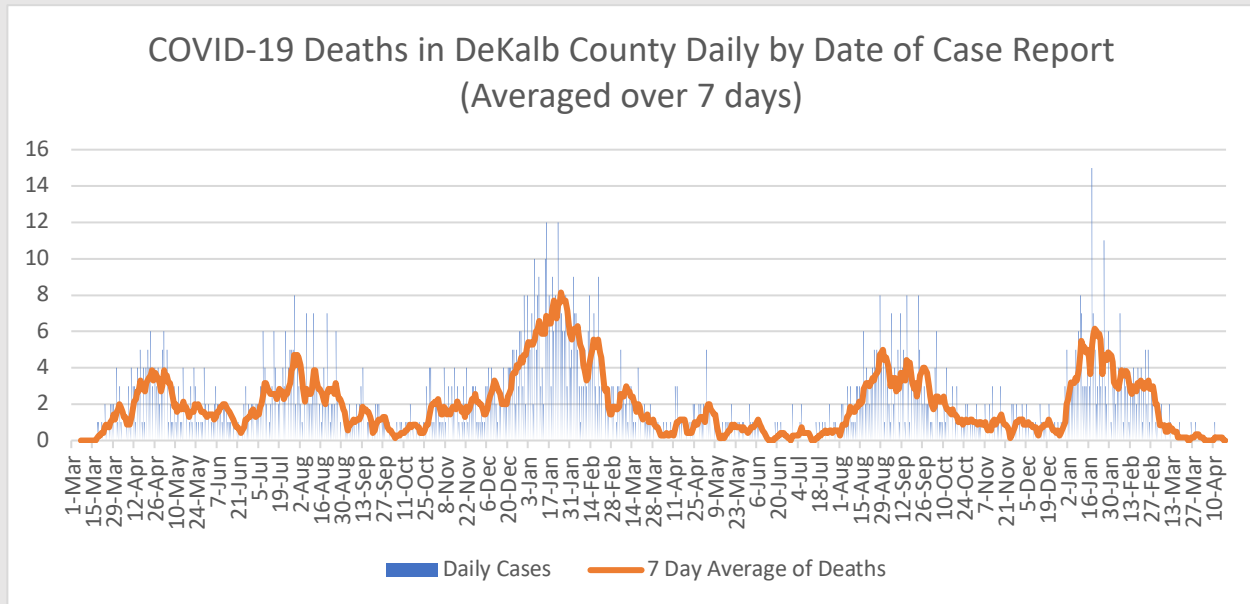
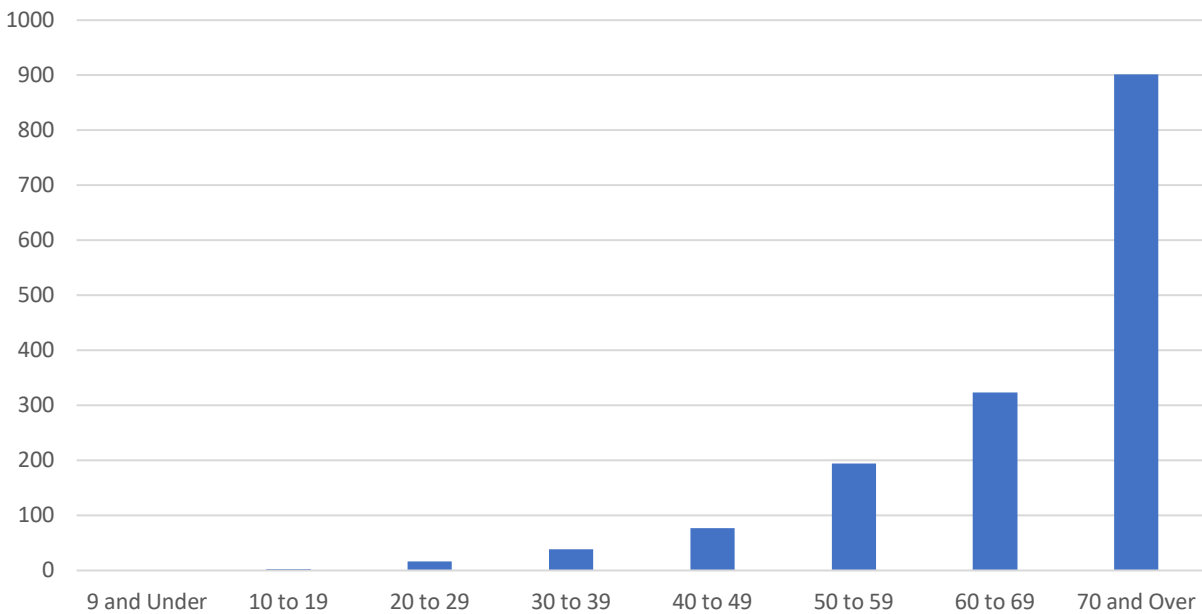*DeKalb County Data as of 4/21/2022. Georgia data as 4/20/2022. Date of case reported used. All data reported are preliminary and subject to change.

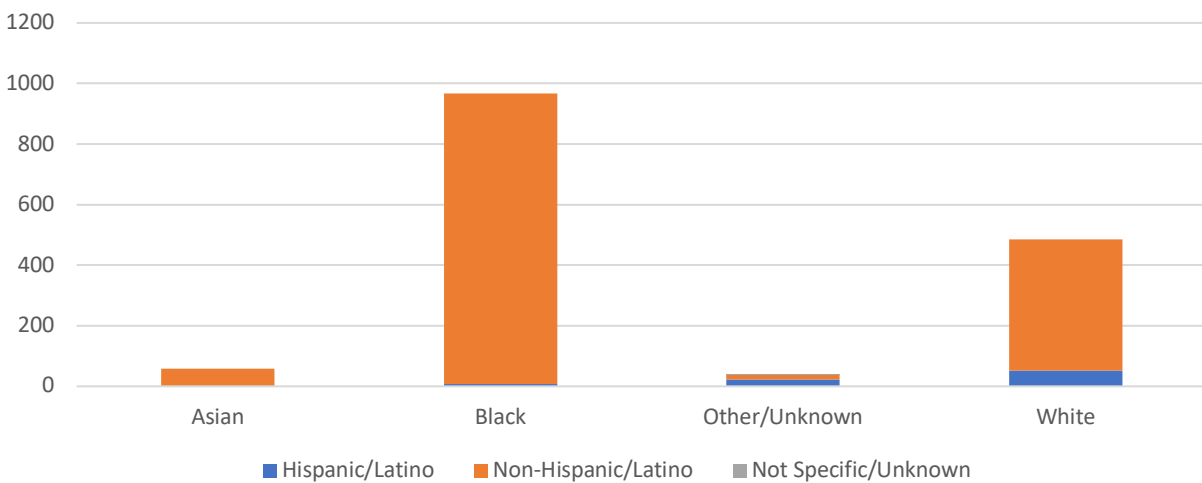| Total COVID-19 Related Hospitalizations/Deaths in DeKalb County, GA | Count | % |
|---|---|---|
| **Hospitalization** | | |
| **Needed Hospitalization** | 8265 | 6.3% |
| **Not Known to Have Been Hospitalized** | 123730 | 93.7% |
| **Deaths** | | |
| **Died** | 1553 | 1.2% |

# COVID-19 Related Death Demographics

## COVID-19 Related Deaths by Age, DeKalb County



Age groups (left to right): 9 and Under, 10 to 19, 20 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, 70 and Over. Values approximately: 9 and Under ~0, 10 to 19 ~2, 20 to 29 ~15, 30 to 39 ~40, 40 to 49 ~80, 50 to 59 ~195, 60 to 69 ~325, 70 and Over ~900. Y-axis scale 0 to 1000.

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



Categories: Asian, Black, Other/Unknown, White. Legend: ■ Hispanic/Latino, ■ Non-Hispanic/Latino, ■ Not Specific/Unknown. Y-axis scale 0 to 1200.

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

**DeKalb County, Georgia Percent Change Diagnosed Confirmed COVID-19 Cases 3/19-4/1, 4/2-4/15**

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

Note: Data are not complete
Created: April 22, 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 4/17 | Current 4/21 | Percent of Total | Previous 14 Days 3/19-4/1 | Recent 14 Days 4/2- 4/115 | Percent Change in 14-day periods |
|---|---|---|---|---|---|---|
| All DeKalb | 131722 | 131995 | 100.0% | 341 | 529 | 55.1% |
| 30058 | 10423 | 10432 | 7.9% | 9 | 20 | 122.2% |
| 30083 | 9050 | 9059 | 6.9% | 13 | 14 | 7.7% |
| 30034 | 8756 | 8763 | 6.6% | 9 | 17 | 88.9% |
| 30032 | 8083 | 8094 | 6.1% | 33 | 16 | -51.5% |
| 30038 | 7881 | 7891 | 6.0% | 8 | 25 | 212.5% |
| 30319 | 6829 | 6845 | 5.2% | 27 | 37 | 37.0% |
| 30341 | 5973 | 5986 | 4.5% | 16 | 25 | 56.3% |
| 30338 | 5710 | 5730 | 4.3% | 16 | 63 | 293.8% |
| 30329 | 5362 | 5373 | 4.1% | 18 | 27 | 50.0% |
| 30084 | 4952 | 4964 | 3.8% | 11 | 14 | 27.3% |
| 30033 | 4815 | 4827 | 3.7% | 25 | 31 | 24.0% |
| 30340 | 4632 | 4637 | 3.5% | 9 | 6 | -33.3% |
| 30088 | 4609 | 4613 | 3.5% | 5 | 16 | 220.0% |
| 30087 | 4343 | 4351 | 3.3% | 6 | 14 | 133.3% |
| 30030 | 4126 | 4156 | 3.1% | 32 | 49 | 53.1% |
| 30316 | 4130 | 4141 | 3.1% | 10 | 14 | 40.0% |
| 30345 | 3940 | 3952 | 3.0% | 18 | 17 | -5.6% |
| 30035 | 3926 | 3930 | 3.0% | <5 | 6 | NA |
| 30294 | 3712 | 3715 | 2.8% | <5 | 8 | NA |
| 30021 | 3467 | 3468 | 2.6% | 5 | 8 | 60.0% |
| 30360 | 2433 | 2438 | 1.8% | 8 | 10 | 25.0% |
| 30317 | 2178 | 2192 | 1.7% | 10 | 17 | 70.0% |
| 30307 | 1840 | 1851 | 1.4% | 13 | 27 | 107.7% |
| 30306 | 1216 | 1224 | 0.9% | 7 | 15 | 114.3% |
| 30346 | 1045 | 1049 | 0.8% | <5 | 5 | NA |
| 30002 | 814 | 816 | 0.6% | <5 | <5 | NA |
| 30324 | 809 | 811 | 0.6% | <5 | 6 | NA |
| 30322 | 657 | 663 | 0.5% | 6 | <5 | NA |
| 30288 | 607 | 607 | 0.5% | <5 | <5 | NA |
| 30079 | 579 | 580 | 0.4% | <5 | <5 | NA |
| 30350 | 497 | 499 | 0.4% | <5 | <5 | NA |
| 30328 | 229 | 230 | 0.2% | <5 | <5 | NA |
| 30039 | 135 | 135 | 0.1% | <5 | <5 | NA |
| 30072 | 99 | 99 | 0.1% | <5 | <5 | NA |
| 30094 | 86 | 86 | 0.1% | <5 | <5 | NA |
| 30012 | 63 | 63 | 0.0% | <5 | <5 | NA |
| 30315 | 26 | 26 | 0.0% | <5 | <5 | NA |
| Unknown | 3690 | 3699 | 2.8% | <5 | 7 | 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.
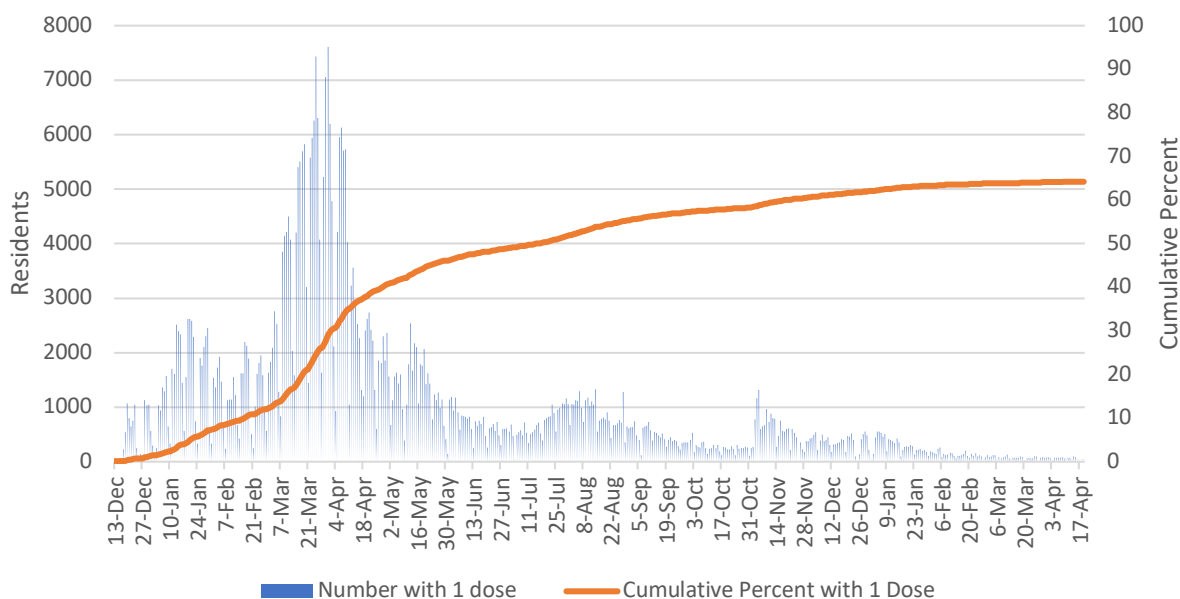
# Vaccination Overview

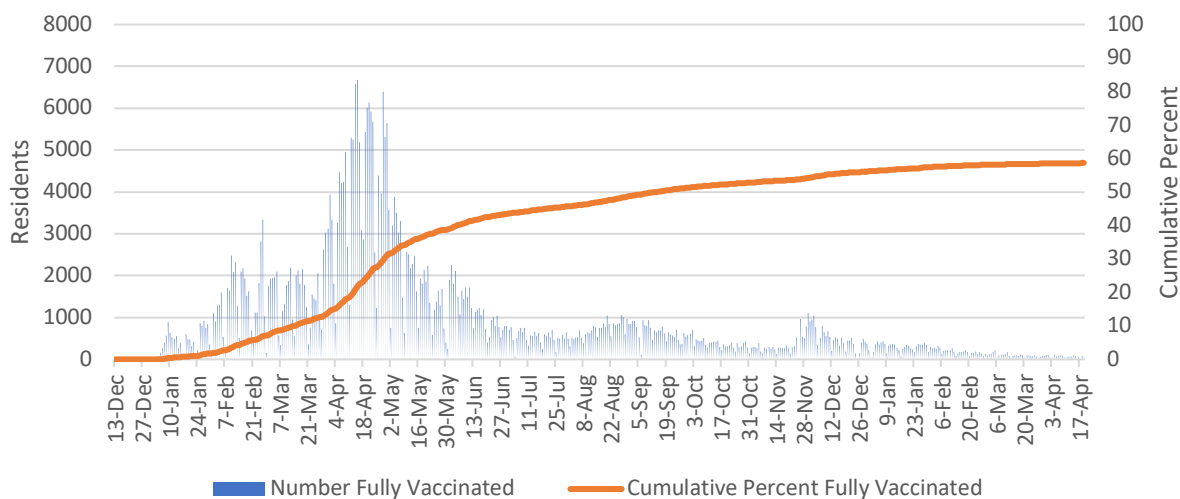| | | | |
|---|---|---|---|
| **1,140,790** total doses administered** | **64.2%** of residents with at least <u>one dose</u> | **58.7%** of residents <u>fully vaccinated</u> | **28%** residents have an <u>additional dose</u>*** |

## 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
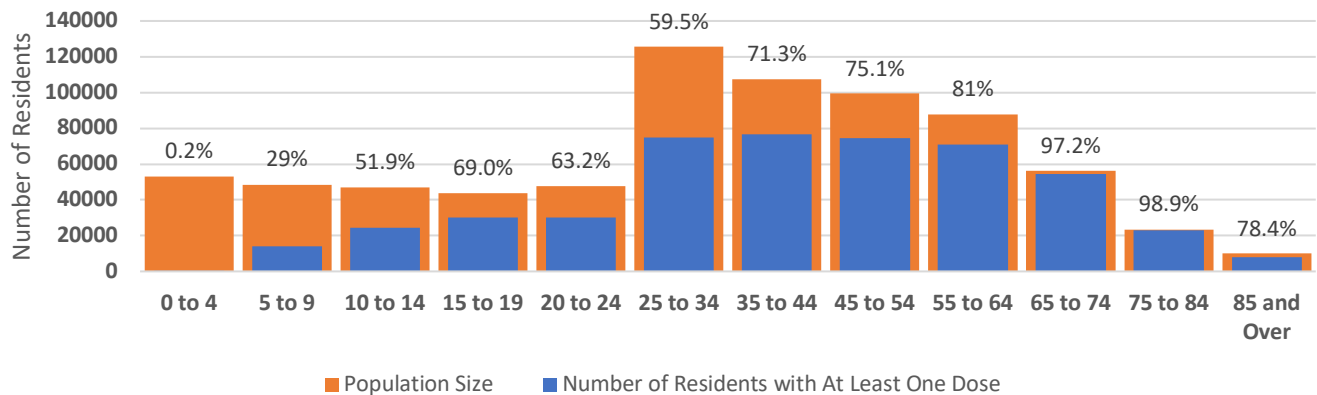
*Counts shown reflect the number of vaccinated residents as of 4/20/2022 using the date of administration. A completed vaccination course refers to an individual receiving two doses of a two-dose series, or one dose of a one-dose series. Individuals are considered fully vaccinated 14 days after their 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

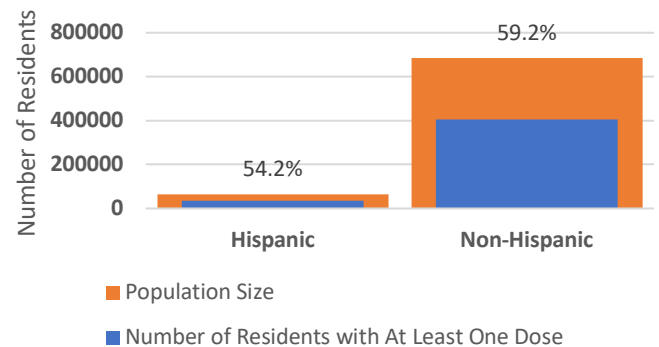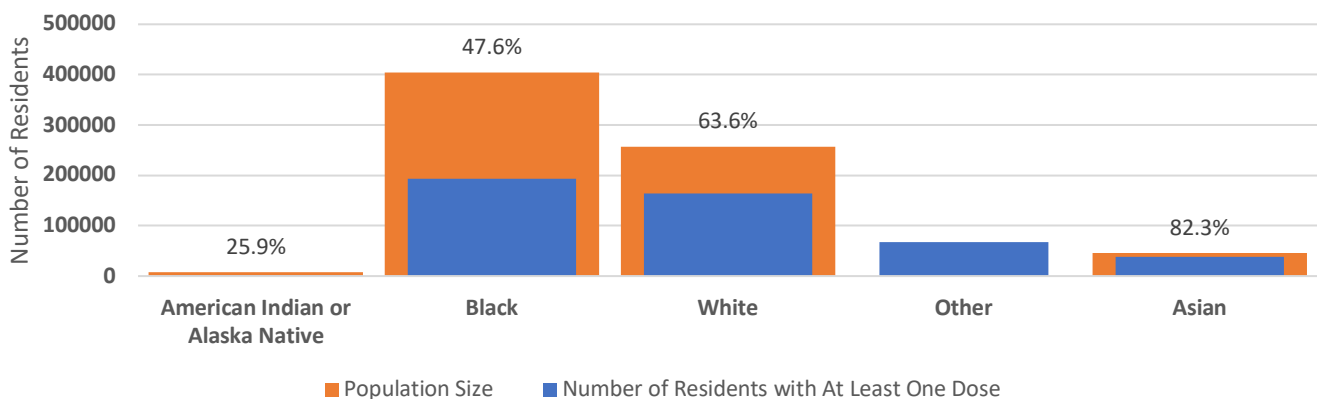## Residents with at least one dose by age



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

Percentages by age group:
- 0 to 4: 0.2%
- 5 to 9: 29%
- 10 to 14: 51.9%
- 15 to 19: 69.0%
- 20 to 24: 63.2%
- 25 to 34: 59.5%
- 35 to 44: 71.3%
- 45 to 54: 75.1%
- 55 to 64: 81%
- 65 to 74: 97.2%
- 75 to 84: 98.9%
- 85 and Over: 78.4%

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: 67.2%
- Male: 60.7%

Legend: Population Size | Number of Residents with At Least One Dose
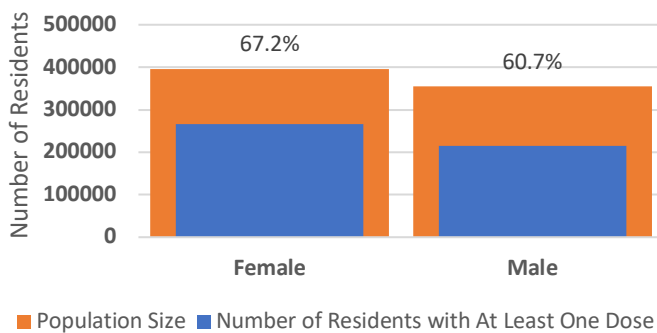
## Residents with at least one dose by ethnicity



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

- Hispanic: 54.2%
- Non-Hispanic: 59.2%

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: 25.9%
- Black: 47.6%
- White: 63.6%
- Other: (no percentage shown)
- Asian: 82.3%

Legend: Population Size | Number of Residents with At Least One Dose
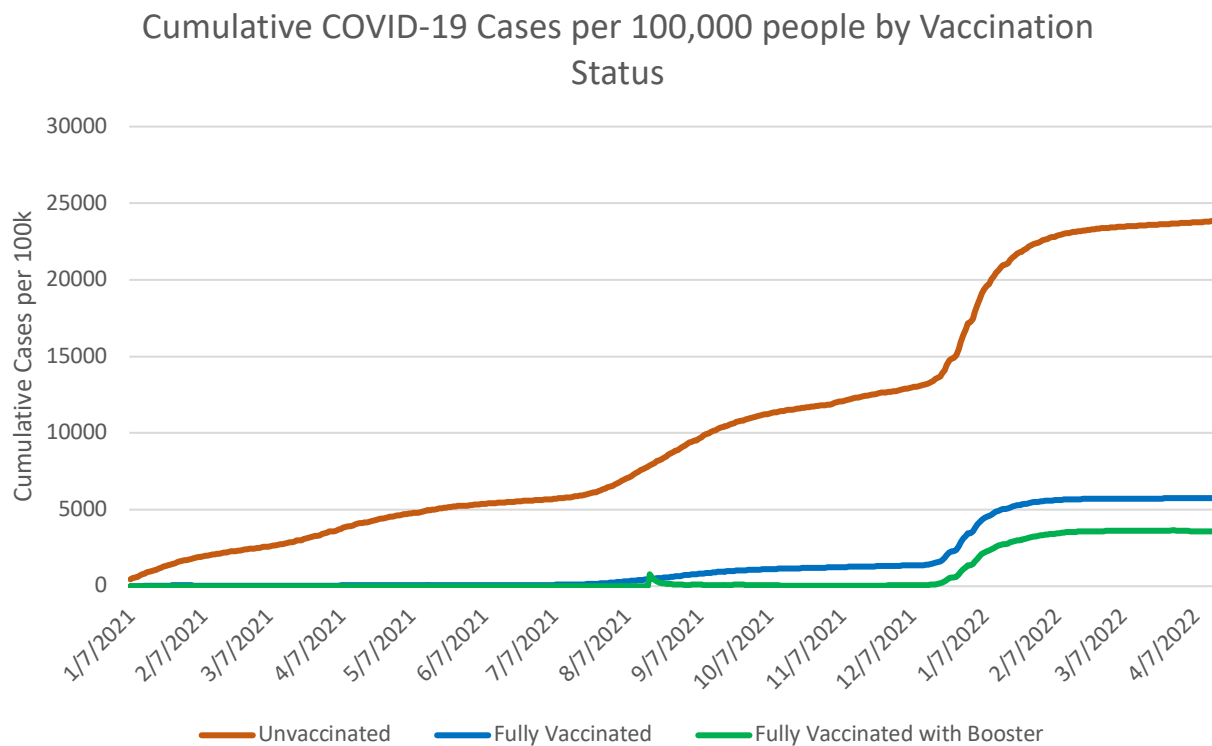
*Counts shown reflect the number of residents with at least one dose of a COVID-19 vaccine as of 4/20/22. These graphs do not include: 624 individuals (0.1%) with unknown gender, 16,964 individuals (3.5%) with unknown race, and 40,927 individuals (8.5%) with unknown ethnicity. Vaccinations are currently 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

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



Y-axis: Incident Cases per 100k (0, 50, 100, 150, 200, 250, 300, 350)

X-axis: 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, 3/7/2022, 4/7/2022

Legend: Unvaccinated — Fully Vaccinated — Fully Vaccinated with Booster

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



Y-axis: Cumulative Cases per 100k (0, 5000, 10000, 15000, 20000, 25000, 30000)

X-axis: 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, 3/7/2022, 4/7/2022

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 4/20/2022.
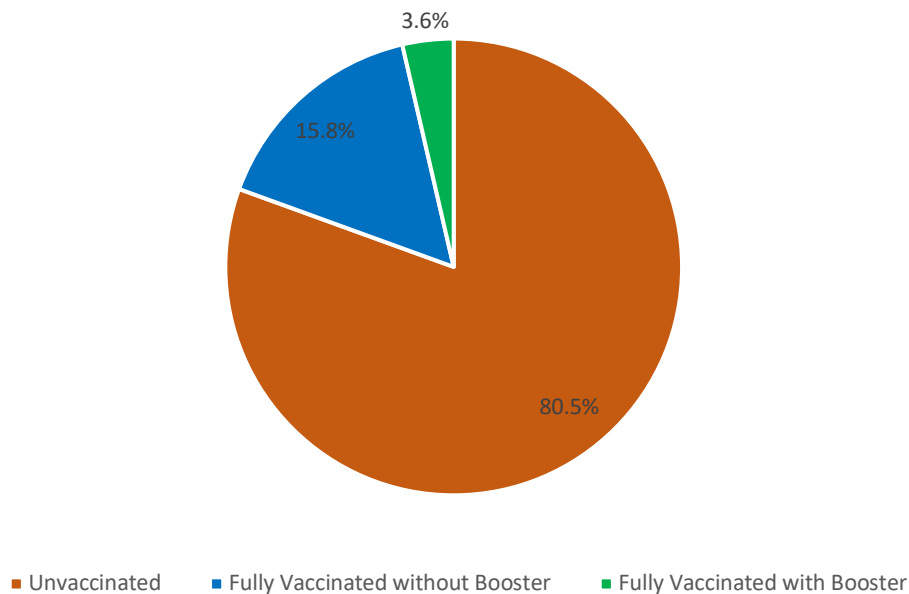
# Case Outcomes by Vaccination Status

## Confirmed Cases Hospitalized for Any Reason by Vaccination Status

2.8%

12.7%

84.4%

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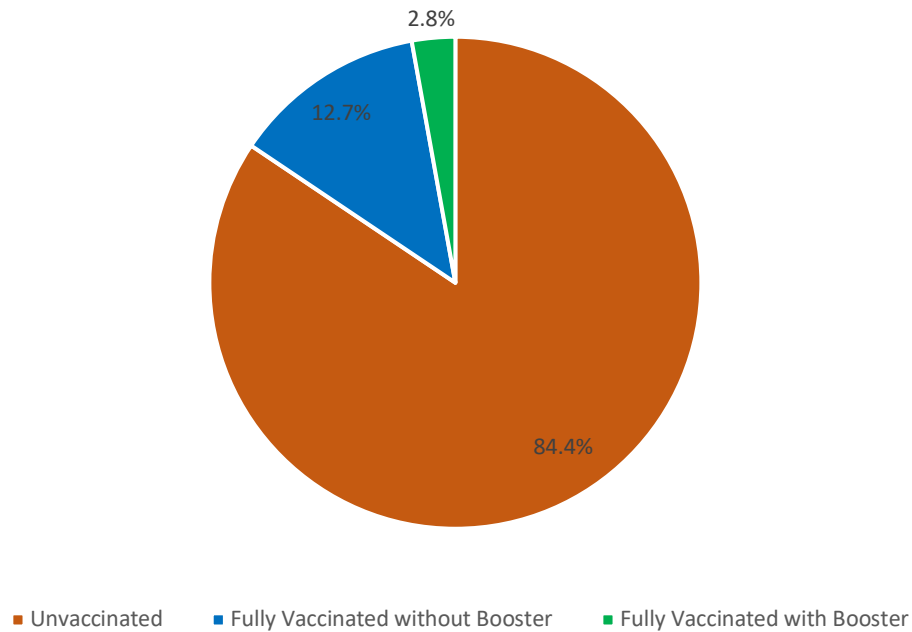
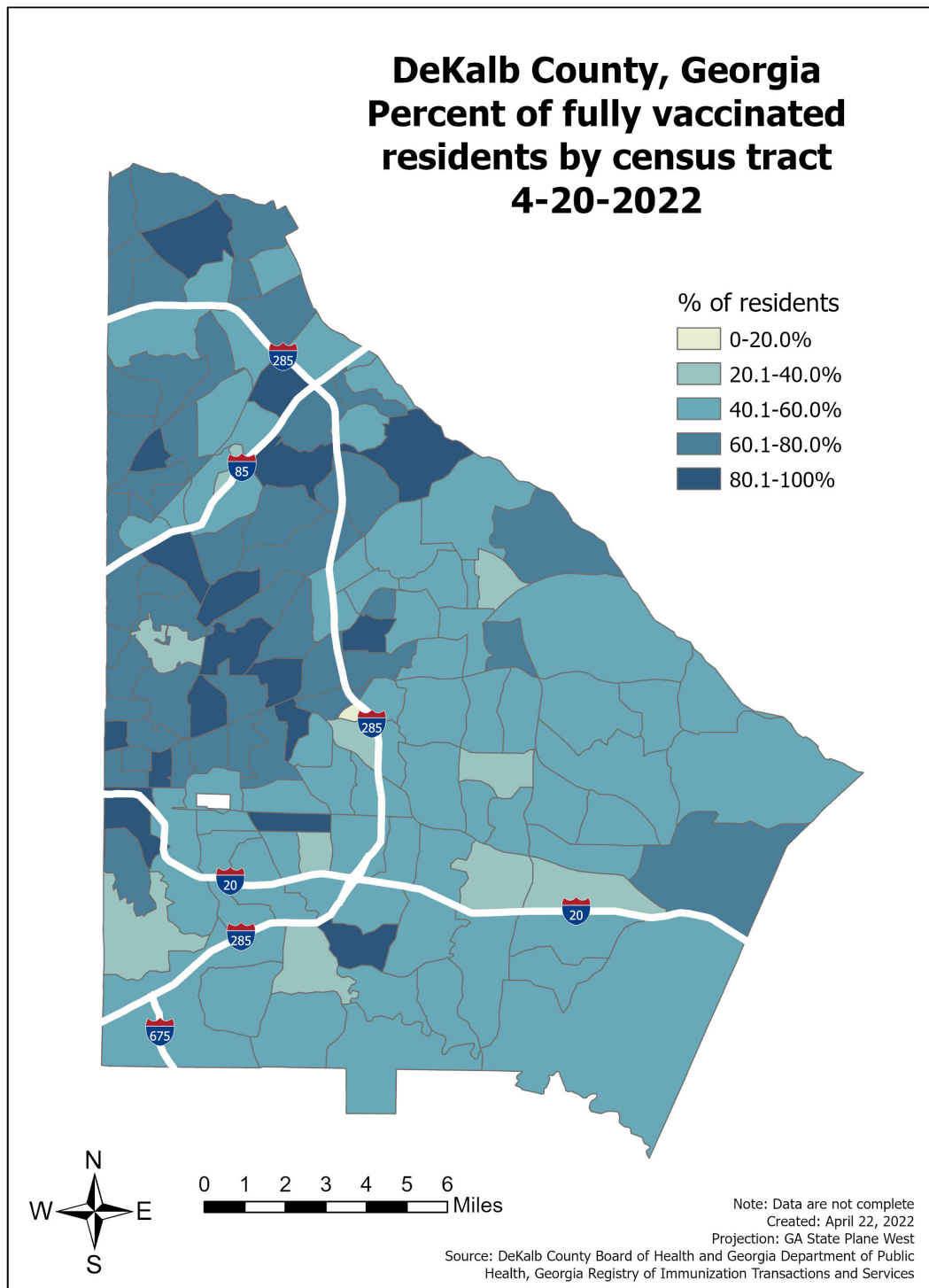In accordance with DPH, data is displayed as confirmed cases hospitalized "for any reason" and tested positive for COVID-19. Hospitalizations are not necessarily due to the COVID-19 infection.

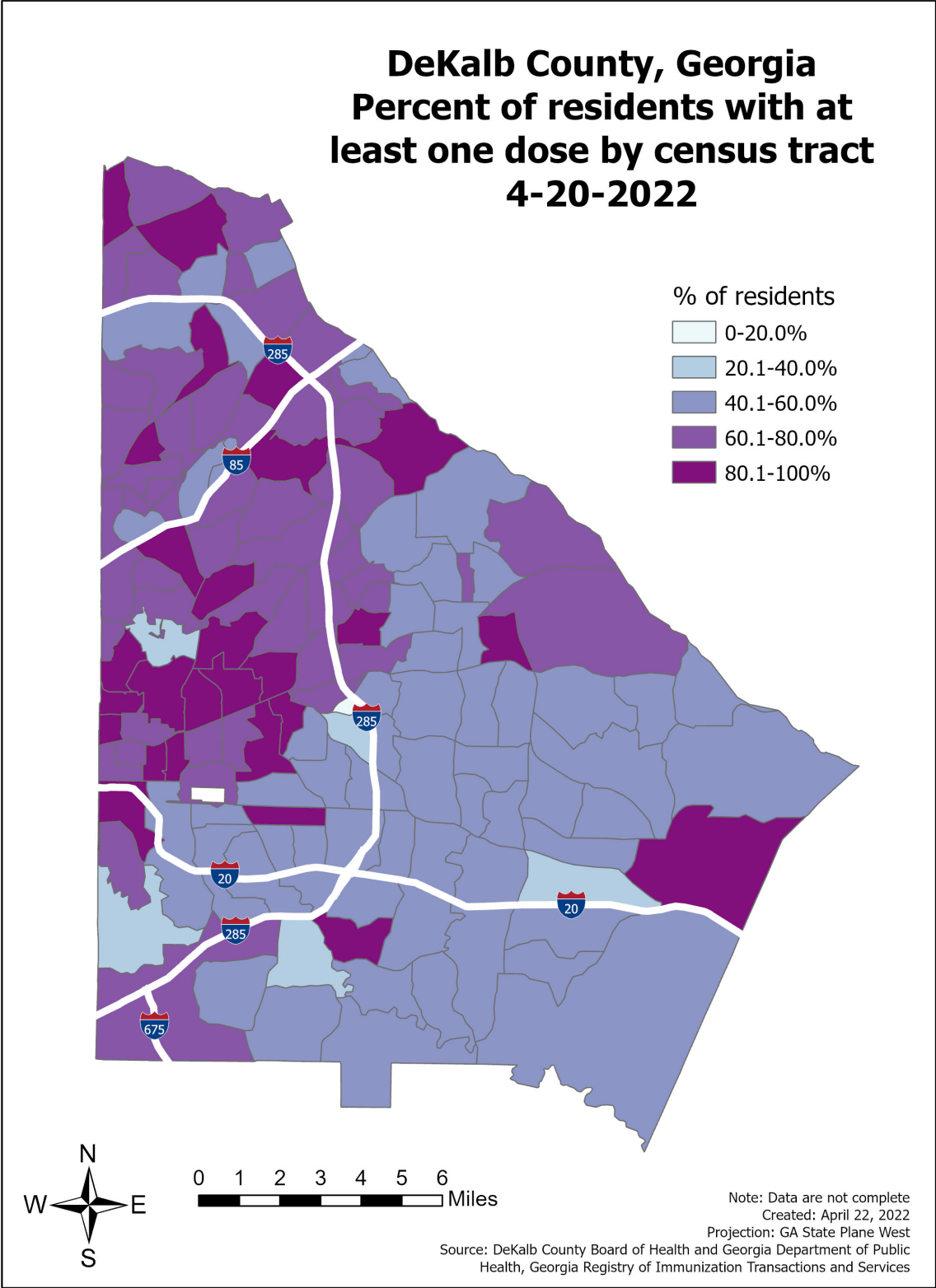## Confirmed COVID-19 Deaths by Vaccination Status

3.6%

15.8%

80.5%

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

Note: Data reflects cases with an onset between 1/15/2021 and 4/15/2022

## DeKalb County, Georgia
## Percent of fully vaccinated residents by census tract
## 4-20-2022

**% 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: April 22, 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 4/20/2022

**DeKalb County, Georgia
Percent of residents with at
least one dose by census tract
4-20-2022**

% of residents

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

N
W E
S

0  1  2  3  4  5  6  Miles

Note: Data are not complete
Created: April 22, 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
4/20/2022