Fulton County Board of Health Epidemiology Report
## COVID-19 Cases – 6/8/2022

SUMMARY

- As of June 8, 2022, Fulton County has recorded **198,939 confirmed cases** and **33,419 probable cases** of COVID-19.
- Figure 1 shows both confirmed and probable case counts but the ensuing tables and figures use data from **confirmed cases only.**
- As of June 8, 2022, Fulton County has recorded **2,134 confirmed COVID-19 deaths.** 25 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 178.1 per 100,000 persons (Palmetto) to 686.1 per 100,000 persons (Mountain Park). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 18649.8; Incidence – 381.0**]. See map showing incident case rate by ZIP code on Pg.7.
- Of all PCR testing done in Fulton County between May 23 and June 5, 2022, **the percent positivity rate was 15.9%.**

Fig 1. Daily and Cumulative Confirmed and Probable COVID-19 cases in Fulton County, GA
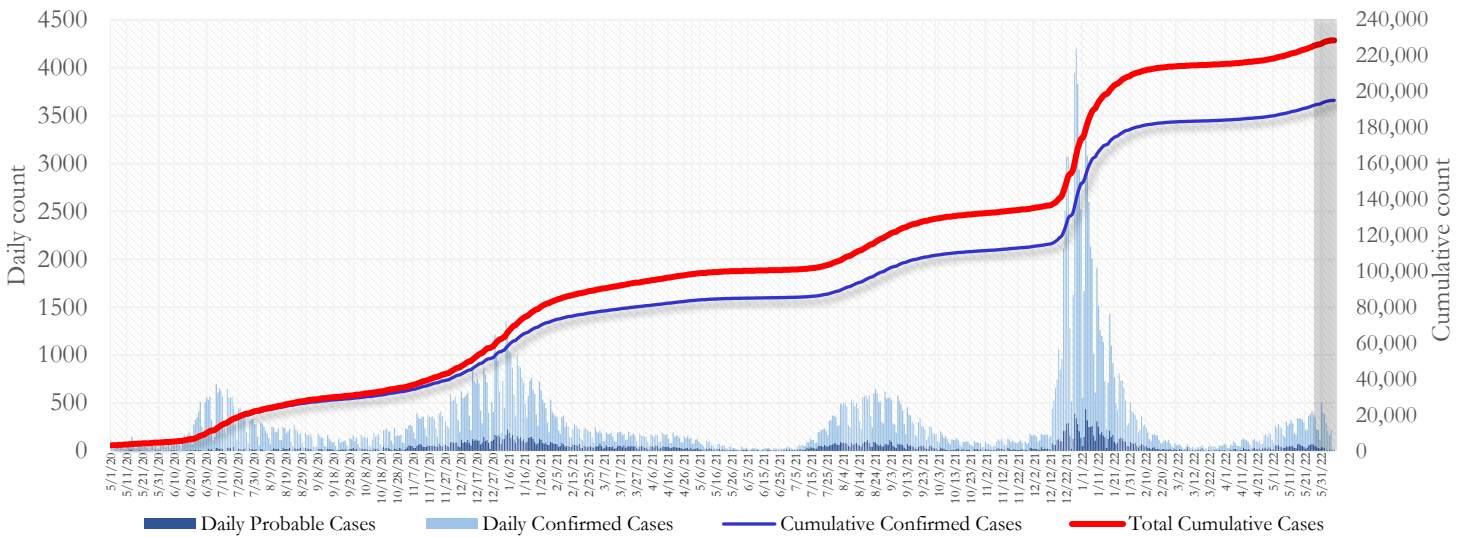
Counts shown reflect the number of cases as of 9:00 am on 6/8/22 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Public Health defines a confirmed cases as someone with a positive molecular test, also known as PCR. A probable case is defined as a positive antigen test, though probable cases are still considered positive cases and individuals who tested positive through an antigen test should follow all DPH isolation and quarantine guidance. **Note:** Delays in data reporting may cause changes in data counts, particularly in the shaded portion. Data throughout this report are preliminary and subject to ongoing data cleaning processes, and thus are subject to change.

THE FOLLOWING ANALYSES (PAGES 1-19) ARE USING DATA ON CONFIRMED CASES ONLY.

DISTRIBUTION OF COVID-19 CASES BY REGION

New cases: 44% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 38% and 17% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	43.6%	43.7%
North[1]	32.7%	37.8%
South[2]	21.2%	16.7%
Unincorporated/Unknown	2.5%	1.8%

*[1]Includes all Fulton County cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs,) |[2]Includes all cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City) *New cases: Cases diagnosed in the past 2 weeks only (between 5/18/22 – 6/1/22).*
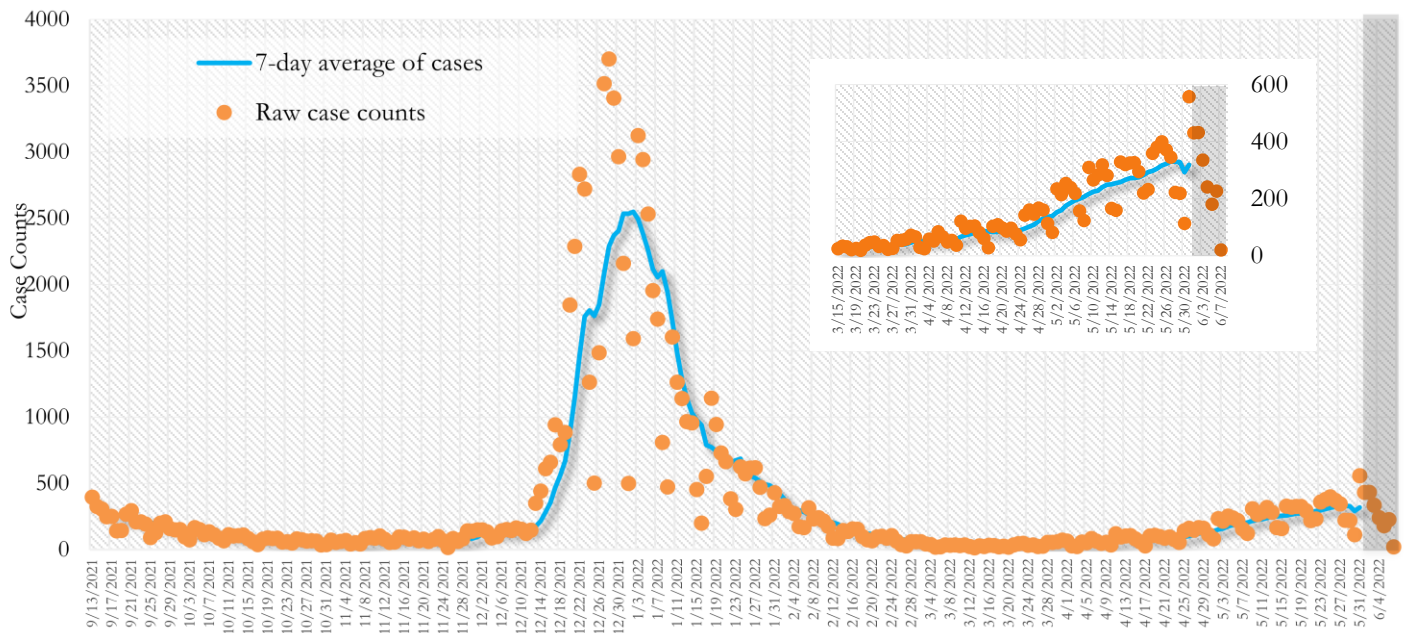
In the recent two week reporting period (5/18-6/1), there were more new cases of COVID-19 in Fulton County than the previous two weeks (5/4-5/17).
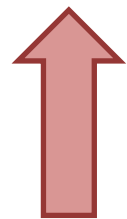
*Delayed a week to account for testing results turnaround time.*

TRENDS IN COVID-19 CASES, HOSPITALIZATIONS AND DEATHS (7-DAY MOVING AVE.)

Fig. 2. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)

Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.

Fig. 3. New COVID-19 Cases in Georgia State Daily (Averaged over 7 days)
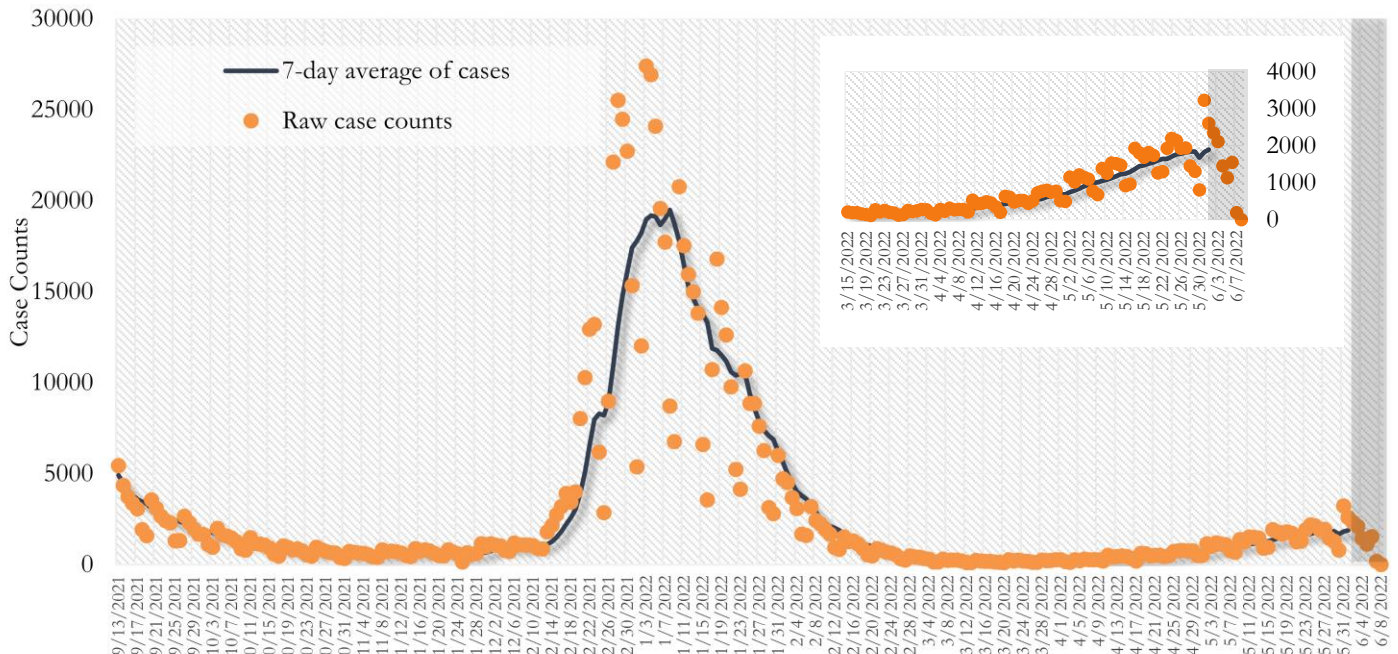
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to change as more lab results get added to the state surveillance database.
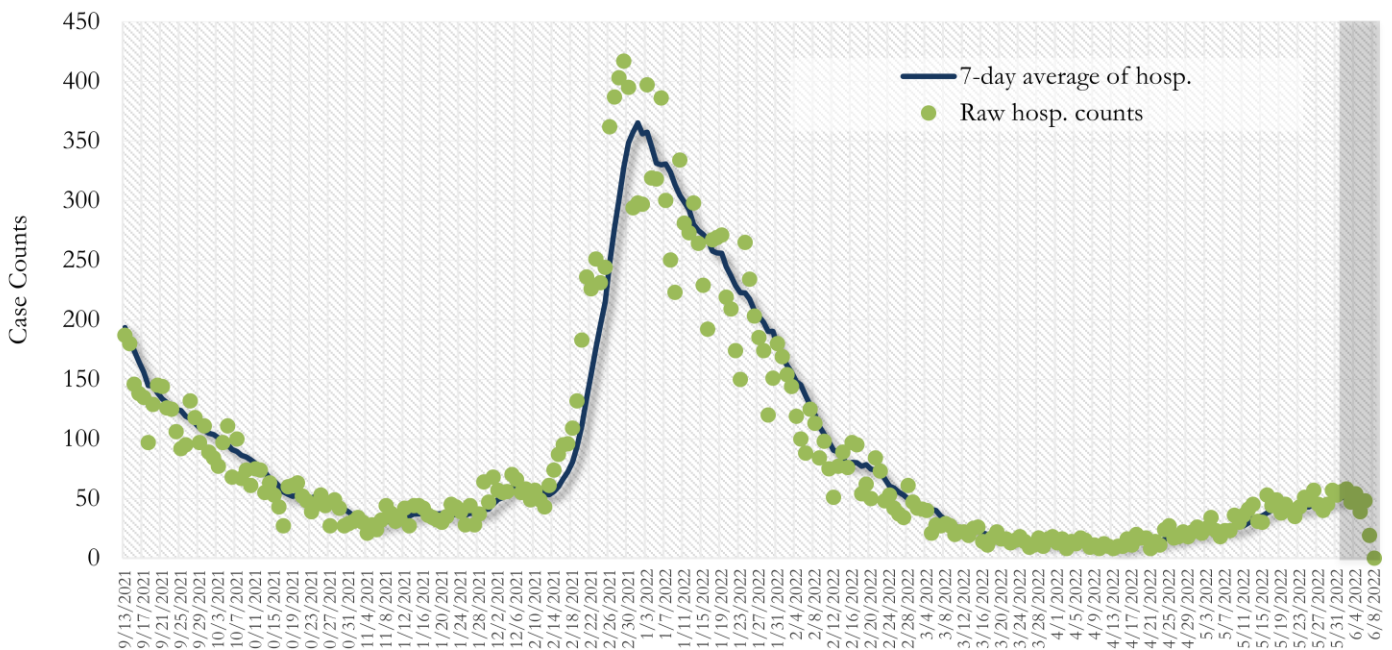
Fig. 4. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)
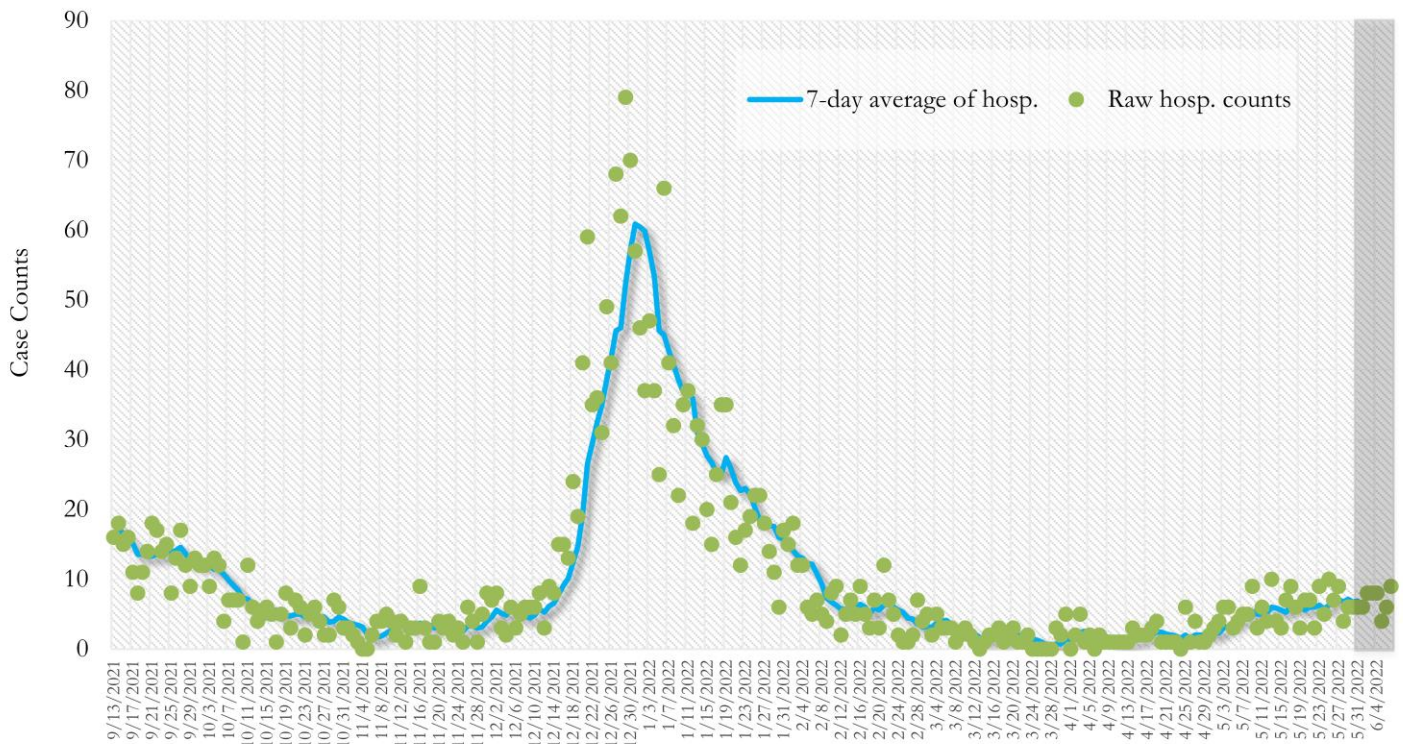
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database. Numbers may include those who tested positive for Covid-19 while hospitalized for a different reason.

Fig. 5. COVID-19 Hospitalizations in Georgia State Daily (Averaged over 7 days)

*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state surveillance database. Numbers may include those who tested positive for Covid-19 while hospitalized for a different reason.
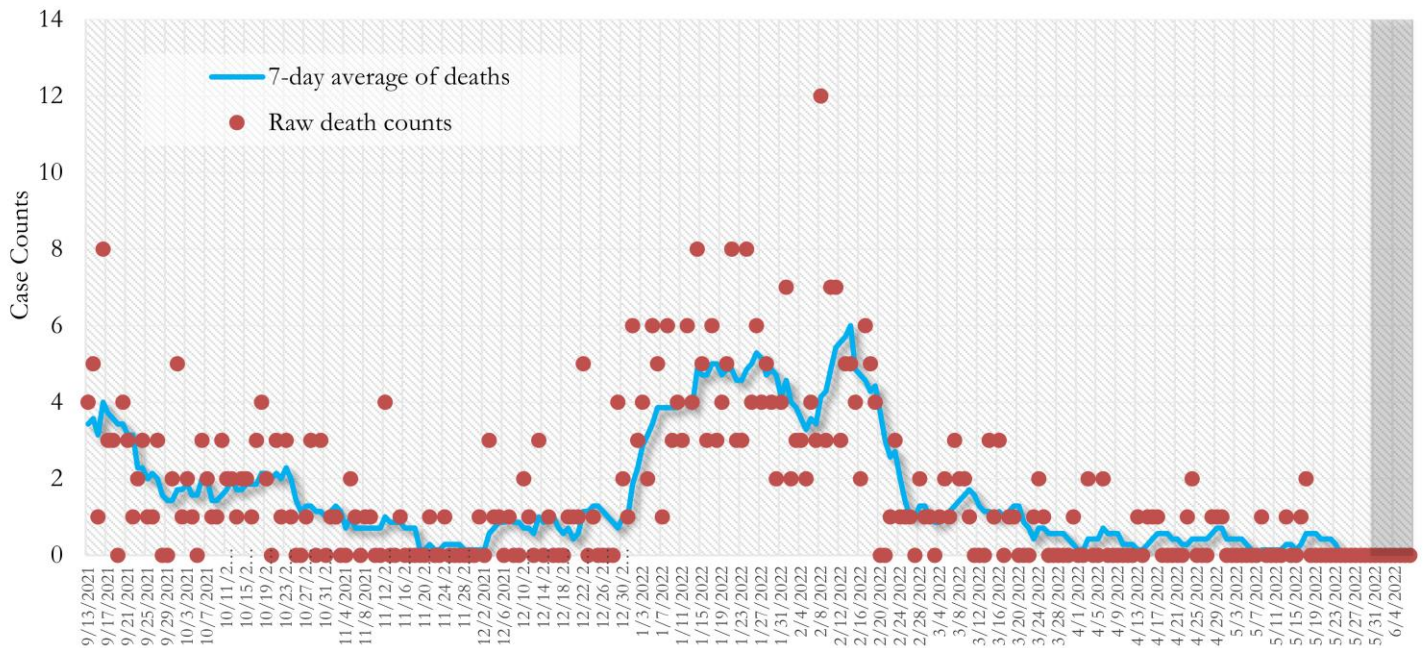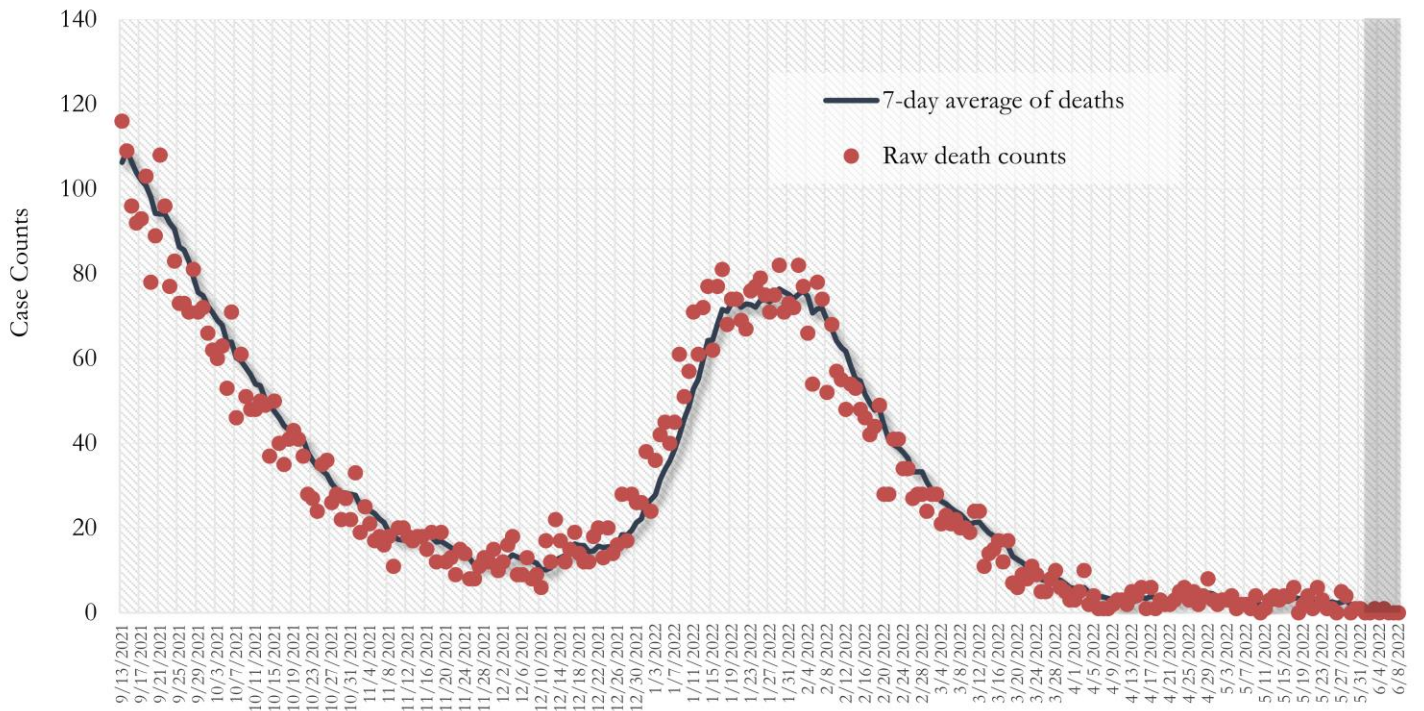
Fig. 6. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)

Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

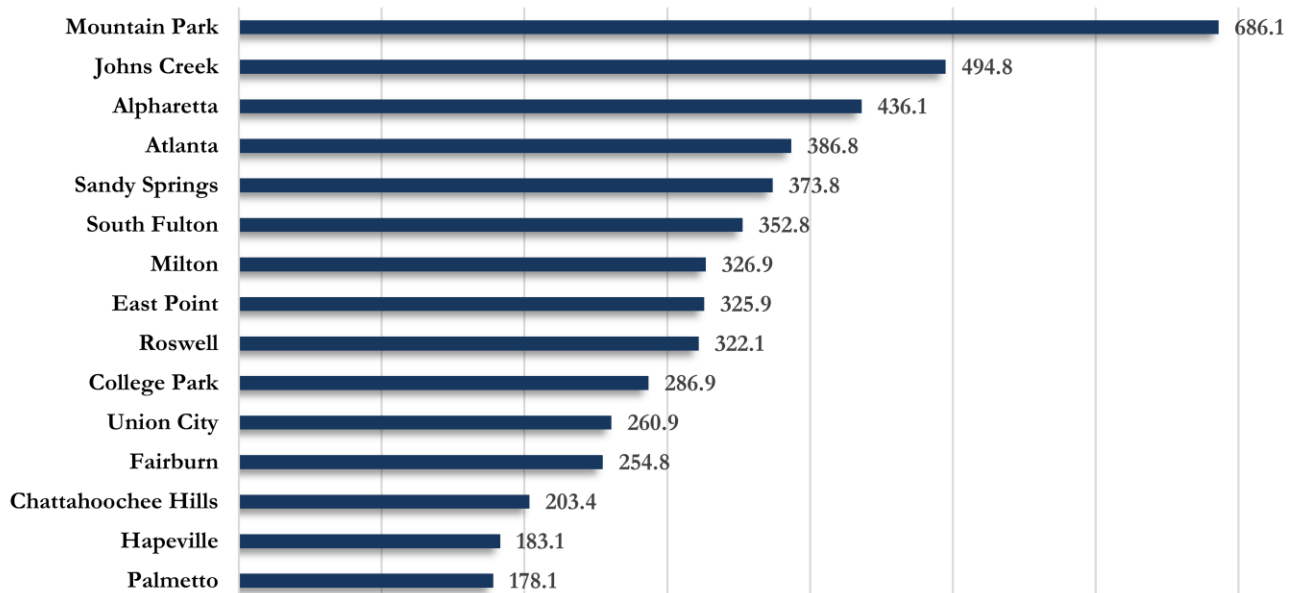**Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)**

Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

COVID-19 CASE COUNTS AND RATES BY CITY

|	Recent 14-day reporting period[1]	Preceding 14-day reporting period	% Change from preceding 14 days (%)[2]	14-Day Incidence Rate[3]
	5/18-6/1	*5/4-5/17*		
Alpharetta	287	171	↑ 67.8%	436.1
Atlanta	1774	1295	↑ 37.0%	386.8
Chattahoochee Hills	<10	<10	-	203.4
College Park	37	18	↑ 105.6%	286.9
East Point	125	65	↑ 92.3%	325.9
Fairburn	42	26	↑ 61.5%	254.8
Hapeville	12	<10	↑ 100.0%	183.1
Johns Creek	408	224	↑ 82.1%	494.8
Milton	135	82	↑ 64.6%	326.9
Mountain Park	<10	<10	-	686.1[4]
Palmetto	<10	<10	-	178.1
Roswell	299	188	↑ 59.0%	322.1
Sandy Springs	404	315	↑ 28.3%	373.8
South Fulton	379	220	↑ 72.3%	352.8
Union City	70	41	↑ 70.7%	260.9
Unknown	75	20	-	-

[1]***New cases:*** *Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week.* [2]***% change:*** *These reflect the percentage increase or decrease in new diagnoses between the 14 days preceding the most recent 7 days and the 14 days preceding that.* [3]***(Incidence) Rate:*** *Rate of new diagnoses in the last 14 day period preceding the immediate past week. Population estimates come from 2020 Census data.***Data cleaning (either during case interviews or address geo-coding) may lead to reassignment of few cases from one territory to another based on their corrected addresses. These may appear as "decreases" when compared to the previous counts. These do not reflect errors in the data collection or analysis process but only reflect the minor day-to-day fluctuations in case counts that arise in an evolving public health database like COVID's.* [4]*Incidence rate is skewed high due to small population.* **Note:** *All data reported are preliminary and subject to change*.

Fig. 8. Incidence Rates by Fulton City for Recent 14-day Reporting Period

| City	Rate
Mountain Park	686.1
Johns Creek	494.8
Alpharetta	436.1
Atlanta	386.8
Sandy Springs	373.8
South Fulton	352.8
Milton	326.9
East Point	325.9
Roswell	322.1
College Park	286.9
Union City	260.9
Fairburn	254.8
Chattahoochee Hills	203.4
Hapeville	183.1
Palmetto	178.1

*Rates shown are per 100,000 persons | All data shown are preliminary and are subject to change as testing results get updated.

Fig. 9. Density Map – New COVID-19 Cases (May 18 – June 1, 2022) in Fulton County
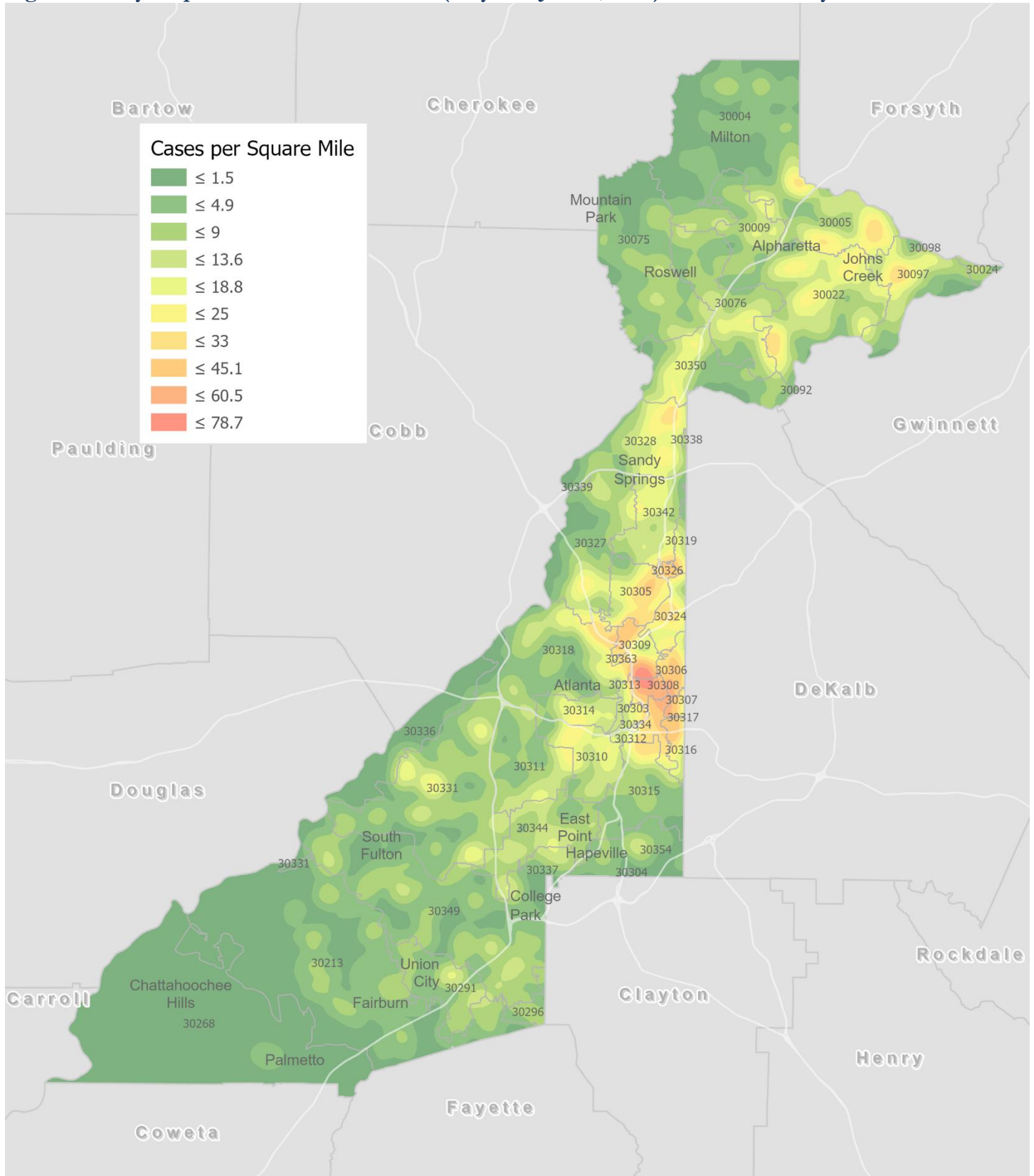
Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (May 18 – June 1, 2022)
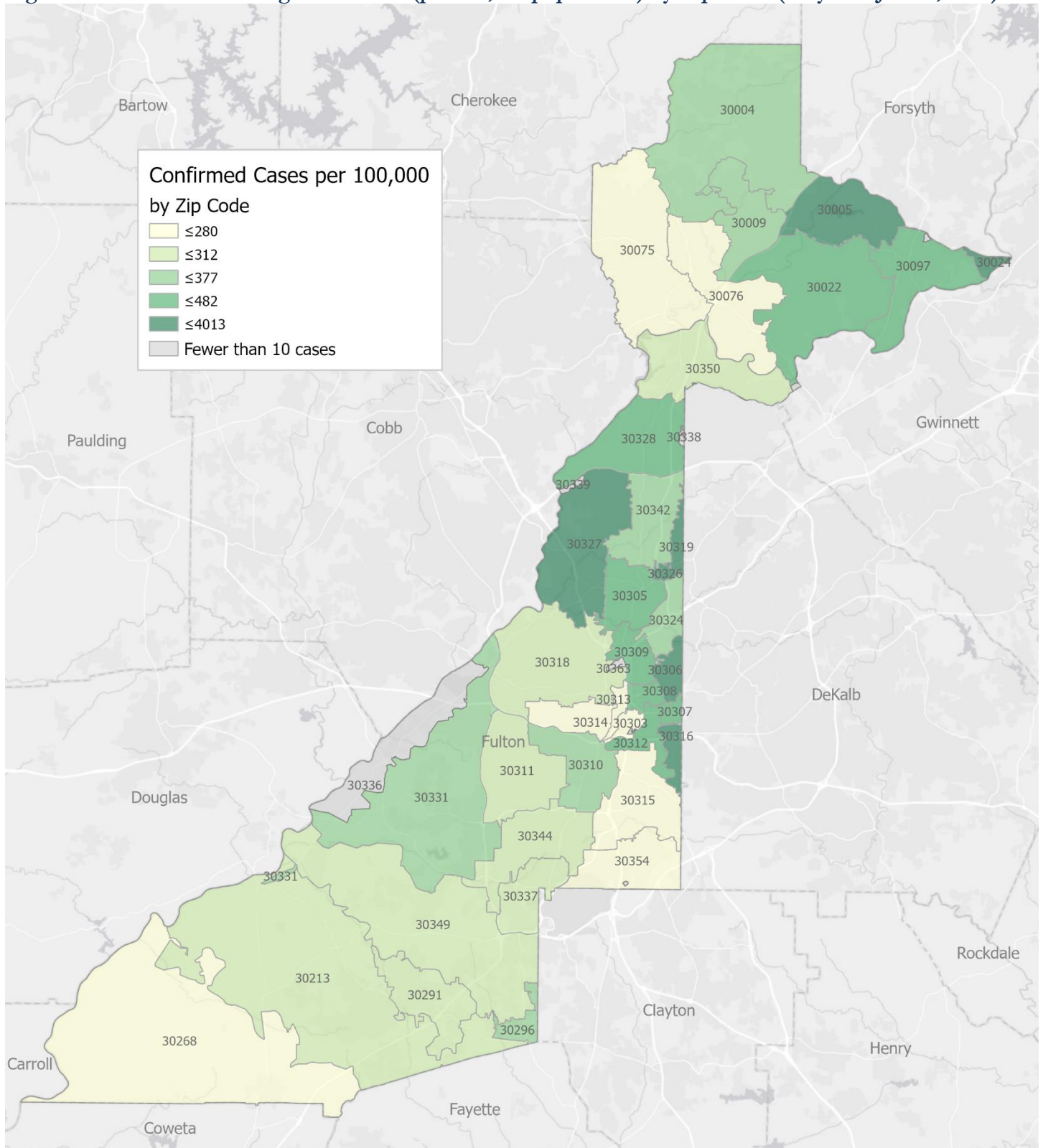
New COVID-19 cases: *Cases diagnosed in most recent 14 days (based on reported dates of positive sample collection). To allow for lag in reporting results of positive cases from samples collected in the immediate past7 days, data used for incident diagnoses analyses are moved back by one week. Data used excludes outbreak-related cases at long-term care facilities and map shown reflects only the new non-LTCF cases diagnosed between the dates shown in map title. See page 8 for zip code break down table.*

COVID-19 NEW CASE[1] COUNTS BY ZIP CODE

| Zip Code	Recent 14-day reporting period (5/18– 6/1)	Previous 14-day reporting period (5/4– 5/17)	% Change between reporting periods[2]
All Fulton	**4064**	**2685**	↑ **51.4%**
30004	171	104	↑ 64.4%
30005	185	91	↑ 103.3%
30009	64	33	↑ 93.9%
30022	312	183	↑ 70.5%
30024	12	13	↓ 7.7%
30075	127	80	↑ 58.8%
30076	142	88	↑ 61.4%
30092	<10	0	↑ 51.9%
30097	135	68	↑ 98.5%
30098	0	0	-
30213	124	75	↑ 65.3%
30268	13	10	↑ 30.0%
30291	64	43	↑ 48.8%
30296	20	<10	↑ 233.3%
30303	18	11	↑ 63.6%
30305	142	118	↑ 20.3%
30306	102	59	↑ 72.9%
30307	35	32	↑ 9.4%
30308	95	67	↑ 41.8%
30309	147	105	↑ 40.0%
30310	109	81	↑ 34.6%
30311	102	68	↑ 50.0%
30312	120	76	↑ 57.9%
30313	23	14	↑ 64.3%
30314	62	42	↑ 47.6%
30315	89	93	↓ 4.3%
30316	78	68	↑ 14.7%
30317	<10	<10	-
30318	194	140	↑ 38.6%
30319	36	18	↑ 100.0%
30324	93	66	↑ 40.9%
30326	41	27	↑ 51.9%
30327	140	78	↑ 79.5%
30328	171	126	↑ 35.7%
30331	233	132	↑ 76.5%
30334	<10	0	-
30336	<10	0	-
30337	37	17	↑ 117.6%

Zip Code	Recent 14-day reporting period (5/18– 6/1)	Previous 14-day reporting period (5/4– 5/17)	% Change between reporting periods
30338	<10	<10	-
30339	12	<10	↑ 140.0%
30340	0	0	-
30341	0	0	-
30342	119	97	↑ 22.7%
30344	113	64	↑ 76.6%
30349	184	129	↑ 42.6%
30350	117	104	↑ 12.5%
30354	34	23	↑ 47.8%
30358	0	0	-
30363	<10	10	↓ 10.0%
30606	0	0	-
31131	0	0	-
31150	0	<10	↓ 100.0%
Unknown	13	13	-

[1]New cases: Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. [2]Percent change: These reflect the percentage increase or decrease of new diagnoses between the 14 days preceding the past 7 days and the 14 days preceding that. Changes in ZIP codes with less than 10 cases in both 2 week intervals are not reported. Some zip codes that refer only to PO Box zip codes and not actual residential addresses were recently removed from the above table.
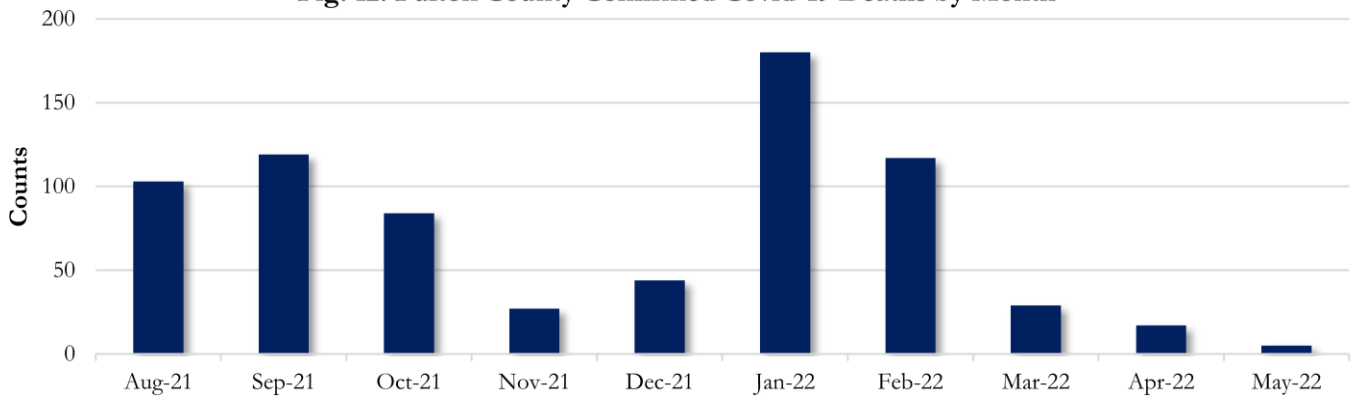
COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

**Fig. 11. Fulton County Covid-19 Cases Hospitalized and Admitted to ICU by Month**
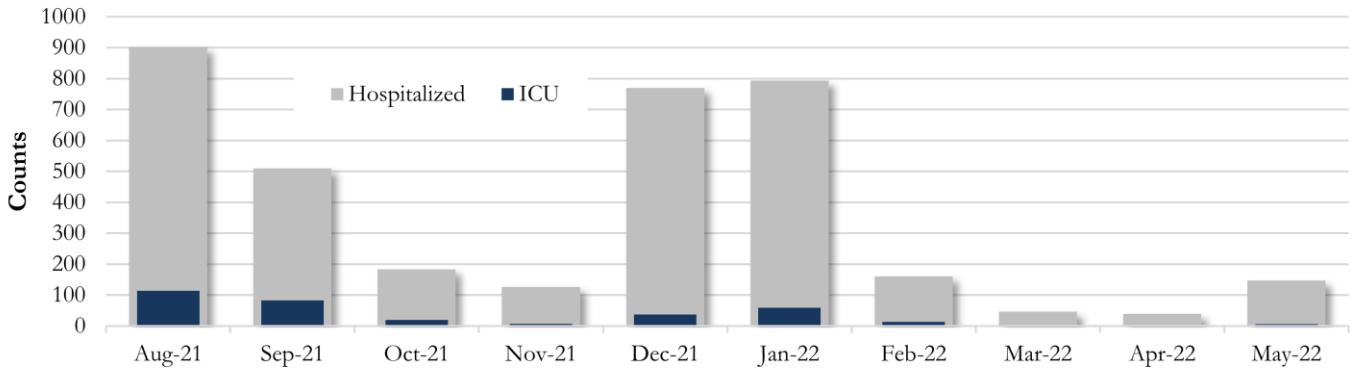
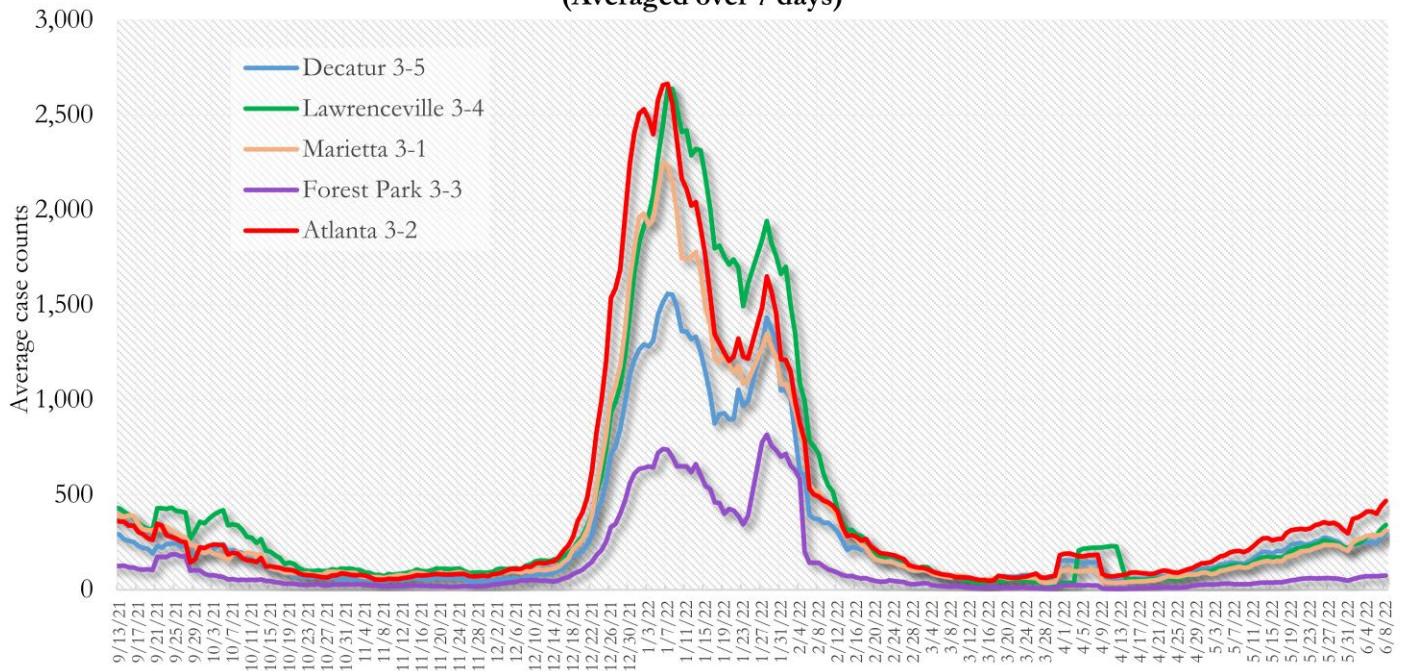**Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month**

Values for March and April 2022 in figures 11 and 12 are subject to change as more hospitalizations, ICU admissions, and deaths get reported to state and local entities.

Fig. 13. Hospitalizations, ICU Admissions, Intubations, and Deaths among all Covid-19 Cases in Fulton County since August 1, 2021
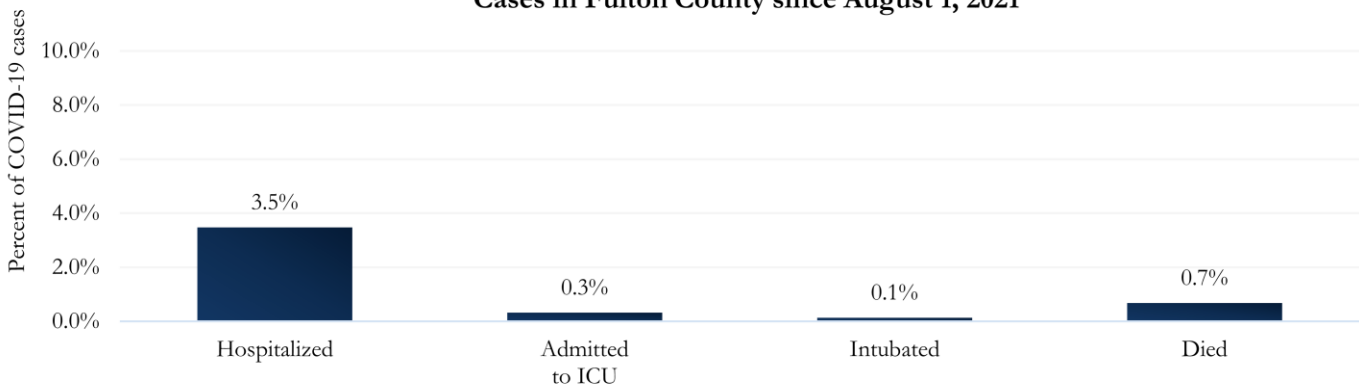
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

Fig. 14. Daily Case Counts for Atlanta Metro Districts
(Averaged over 7 days)

DEMOGRAPHIC DISTRIBUTIONS – COVID-19 CASES AND DEATHS

Table A - Cumulative and recent confirmed Covid-19 case and death counts by gender, age, and race/ethnicity in Fulton County, Georgia. Past 28 day period refers to May 4 – June 1, 2022

	Total Confirmed Cases	% of Total Cases	Confirmed Cases past 28 days	% of Confirmed Cases past 28 days	Total Confirmed Deaths	% of Total Deaths	Confirmed Deaths past 28 days	% of Confirmed Deaths past 28 days
TOTAL	**198939**		**6749**		**2134**		**<10**	
Female	108160	54.4%	3808	56.4%	1023	47.9%	<10	80.0%
Male	89732	45.1%	2856	42.3%	1111	52.1%	<10	20.0%
Unknown*	1047	<1%	85	1.3%	0	-	0	-
0-9	13716	6.9%	555	8.2%	0	-	0	-
10-19	23275	11.7%	692	10.3%	<10	<1%	0	-
20-29	41602	20.9%	1121	16.6%	<10	<1%	0	-
30-39	39074	19.6%	1331	19.7%	63	3.0%	0	-
40-49	29939	15.0%	1050	15.6%	78	3.7%	0	-
50-59	24749	12.4%	933	13.8%	227	10.6%	0	-
60-69	14615	7.3%	588	8.7%	418	19.6%	0	-
≥70	11787	5.9%	479	7.1%	1340	62.8%	<10	100.0%
Unknown*	182	<1%	0	-	0	-	0	-
Asian, NH	10477	5.3%	602	8.9%	32	1.5%	0	-
Black, NH	86224	43.3%	2135	31.6%	1356	63.5%	<10	20.0%
White, NH	61070	30.7%	2124	31.5%	646	30.3%	<10	80.0%
Hispanic, all races	18887	9.5%	810	12.0%	91	4.3%	0	-
Other, NH	5693	2.9%	146	2.2%	<10	<1%	0	-
Unknown*	16588	8.3%	932	13.8%	0	-	0	-

Unknown includes cases not yet interviewed. 28 days delayed by seven to account for lag in reporting lab results. Deaths refer to all persons who had a positive PCR test result for Covid-19 and there is evidence that Covid-19 was the cause of death or a significant contributor to their death.

# The following data are updated every two weeks.

Last updated 6/8/2022

Data are from confirmed cases and PCR testing only.

These data are generated using a fixed start date and counted forward in 14-day intervals. Using these time blocks allows for the stability in trends over time and accounts for delays in reporting lab results.

Please visit the Georgia Department of Public Health Daily Status Report here for cumulative daily counts.

**Fig. 15. Percent Complete Vaccination and COVID-19 Case Rate (per 100,000 population) by Census Tract
May 9 – June 5 2022**
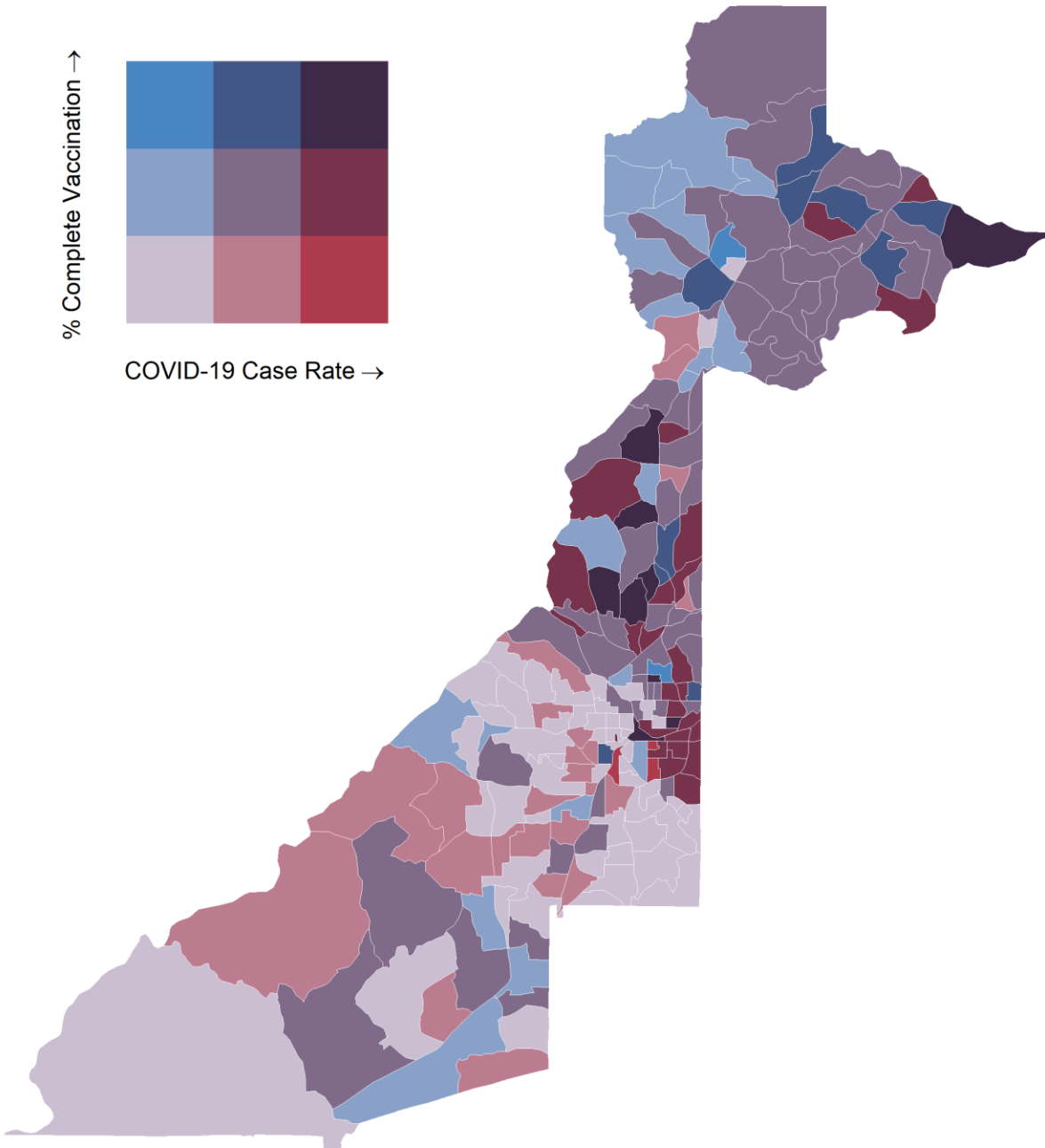
How to interpret these colors: *The brighter the blue, the better. The upper most blue box indicates low COVID-19 case rates and high vaccination coverage. Red is not ideal as red indicates high COVID-19 case rates and low vaccination coverage. Colors in between indicate varying combinations of COVID-19 case rates and vaccination coverage. COVID-19 case rate reflects new COVID-19 cases diagnosed between May 9 and June 5, 2022 across Fulton County. Vaccination data from:*
https://experience.arcgis.com/experience/3d8eea39f5c1443db1743a4cb8948a9c

COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY AND GEORGIA

Fig. 16. Trends in Positive Covid-19 Tests in Fulton County by 14-day Periods
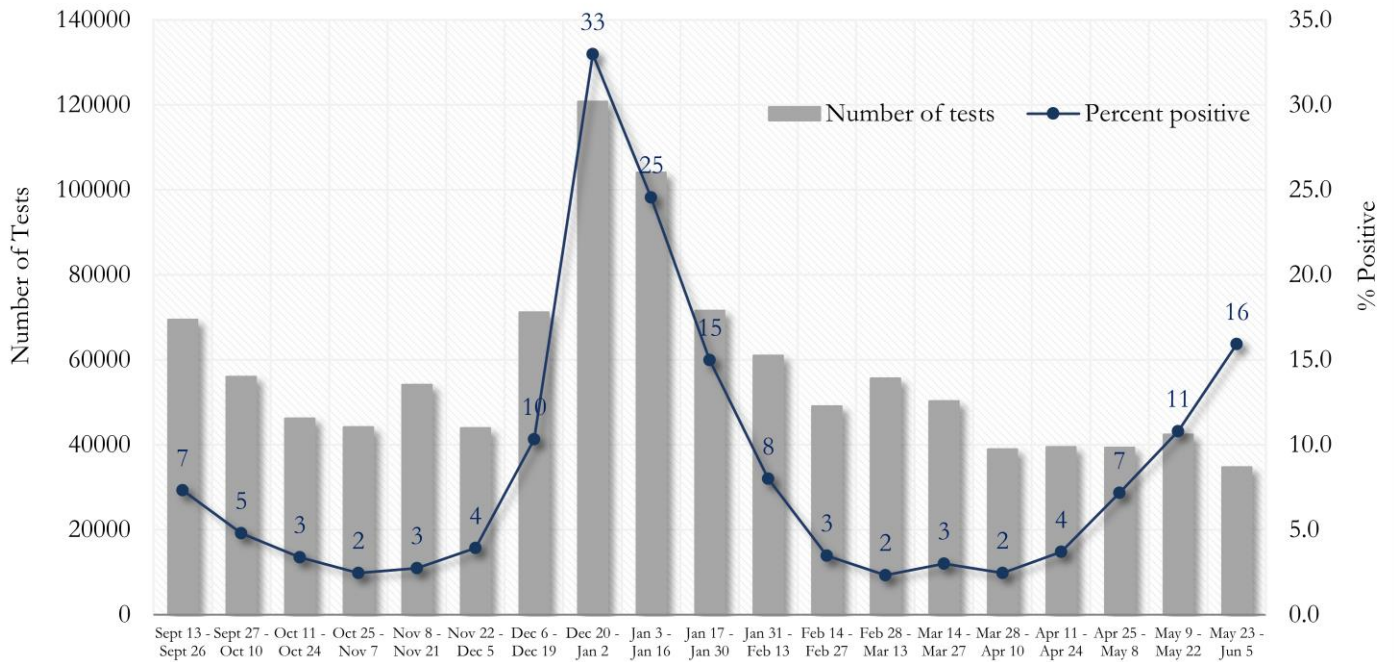
Data on Polymerase Chain Reaction (PCR) tests only included.

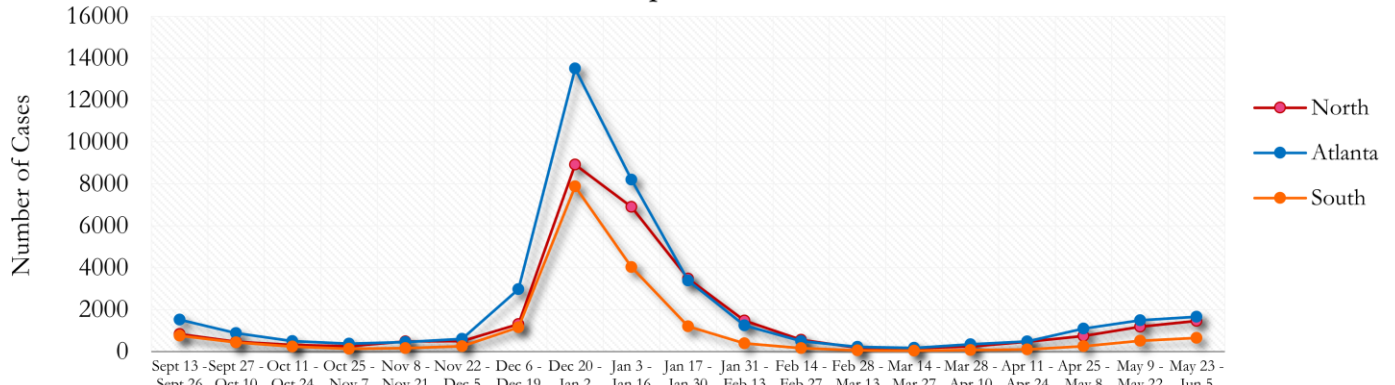**Fig. 17. Trends in Positive Covid-19 Tests in Georgia by 14-day Periods**
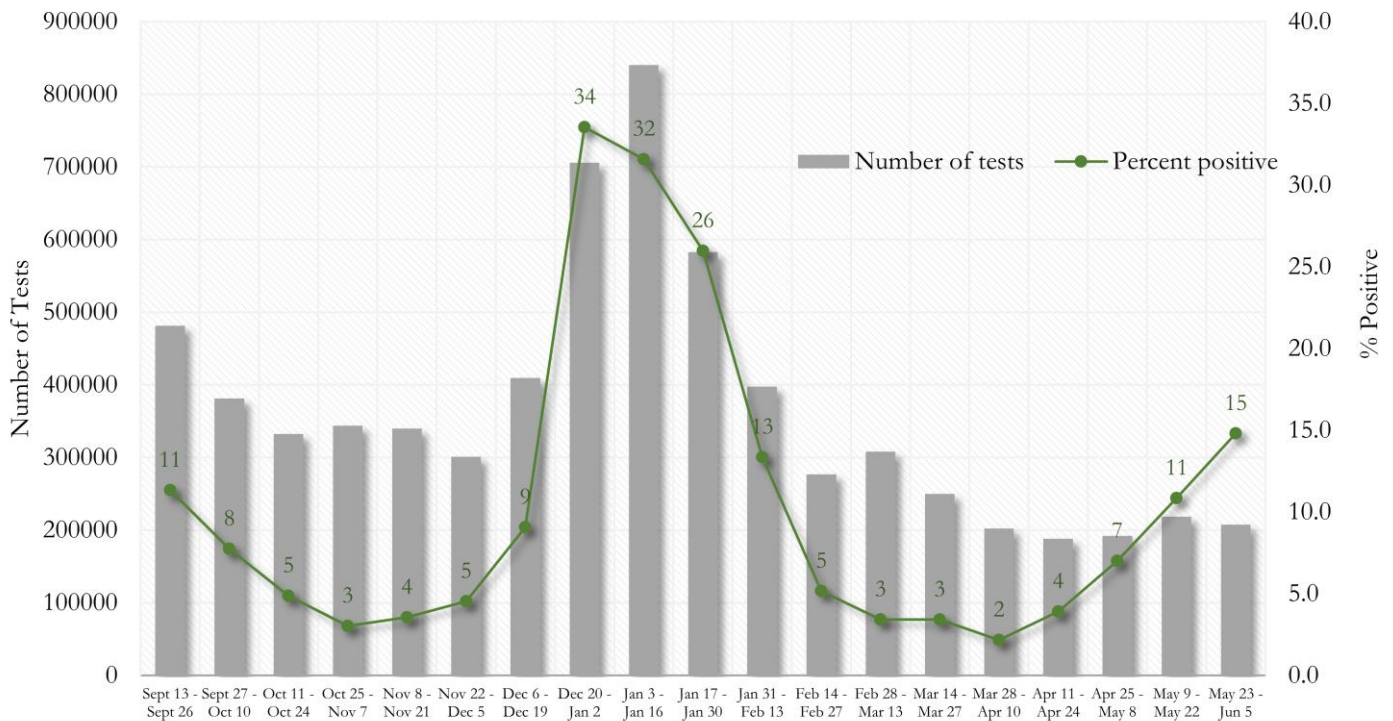
Data on Polymerase Chain Reaction (PCR) tests only included.

TRENDS IN COVID-19 CASES AMONG DEMOGRAPHIC GROUPS (14 DAY PERIODS)

Fig. 18. Trends in Geographic Distribution of Covid-19 Cases in Fulton County by 14-day periods

In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn, Hapeville, Palmetto, South Fulton, and Union City)

Fig. 19. Trends in Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
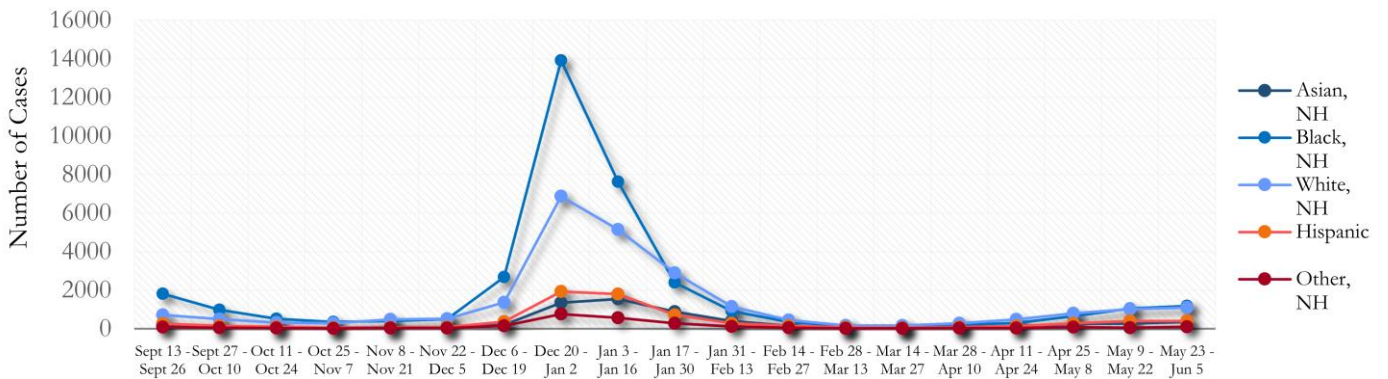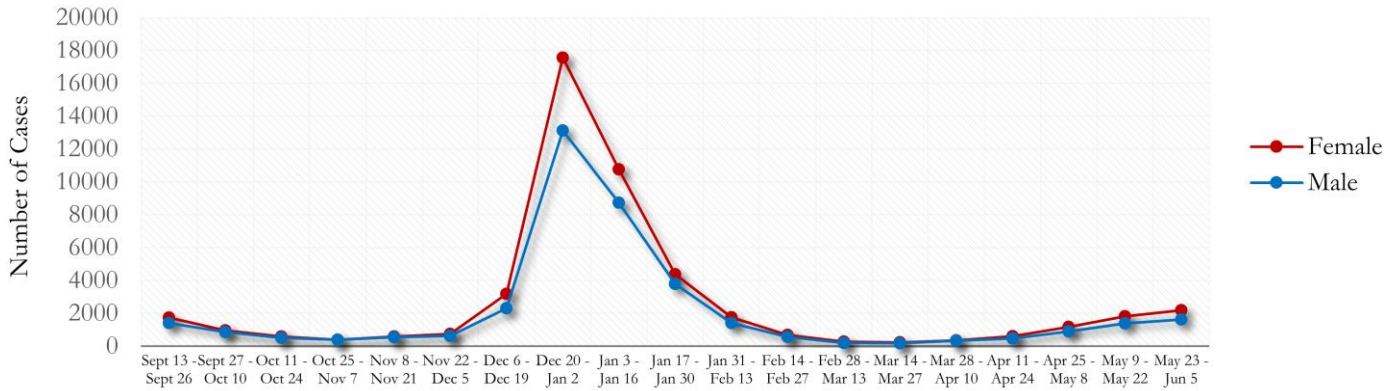
Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
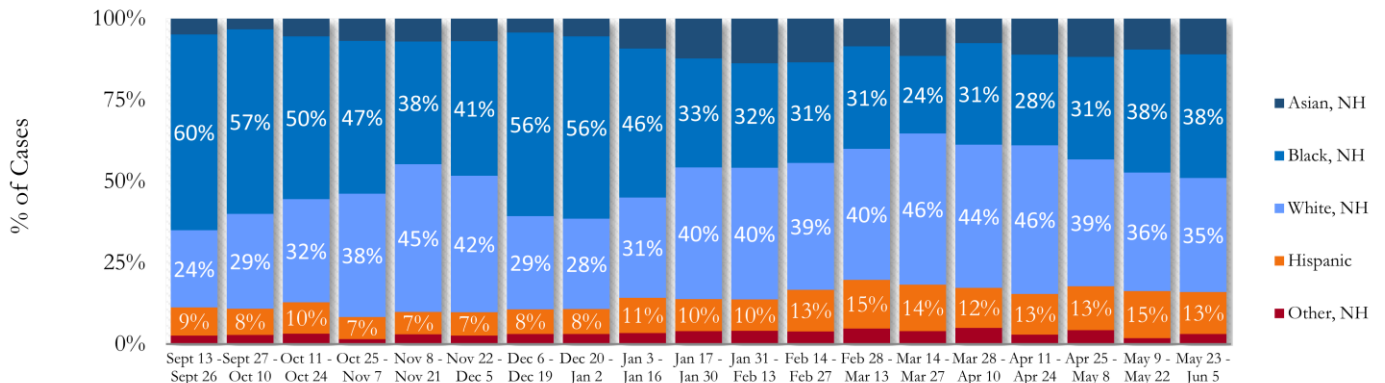
About 13% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 19% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

Fig. 21. Trends in Sex Distribution of Covid-19 Cases in Fulton County by 14-day periods
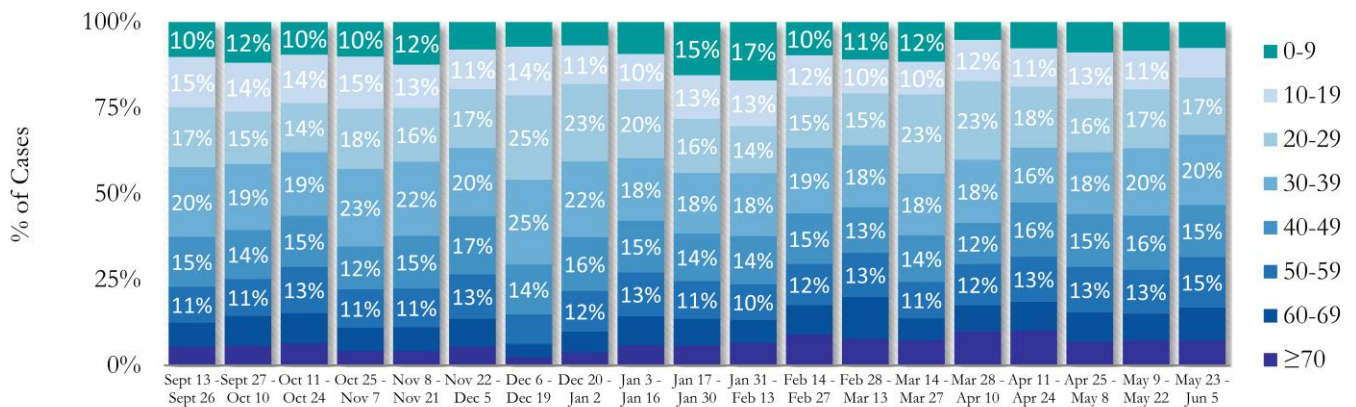

Fig. 22. Trends in Age Distribution of Covid-19 Cases in Fulton County by 14-day periods
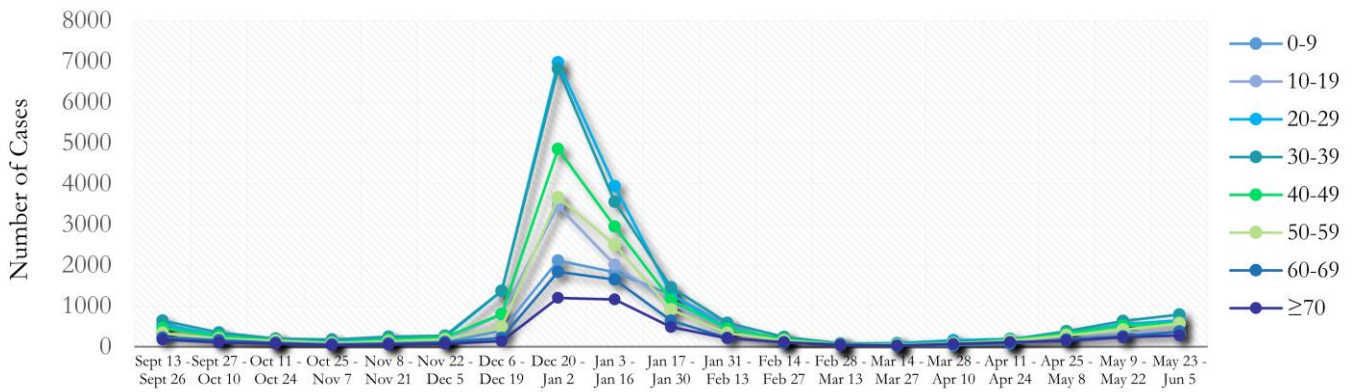
In the most recent two weeks, 20-29 year olds and 30-39 year olds accounted for the majority of new cases.

Fig. 23. Age Distribution of Covid-19 Cases in Fulton County by 14-day periods


Value labels under 10% are not shown. Percentages do not include the missing data and thus are subject to change as data are cleaned.

FULTON COUNTY VACCINATION CASE DATA

There are currently **325,718 fully vaccinated plus boosted residents** in Fulton County, of which **4% have been a confirmed case of Covid-19 since 12/31/20.** There are **321,755 fully vaccinated but not boosted residents** in Fulton County, of which **10% have been a confirmed case of Covid-19 since 12/31/20.** Of the **388,727 partially vaccinated or unvaccinated** Fulton County residents, **25% have been a confirmed case of Covid-19 since 12/31/20.**

Since July 1, 2021, Fulton County has reported **109,212 new confirmed Covid-19 cases**. **61%** (66,339) of these new cases occurred in **unvaccinated individuals. 39%** (42,873) of these new cases occurred in **fully vaccinated individuals.**

Fig. 24. Daily Confirmed Covid-19 Cases in Fulton County by Vaccination Status
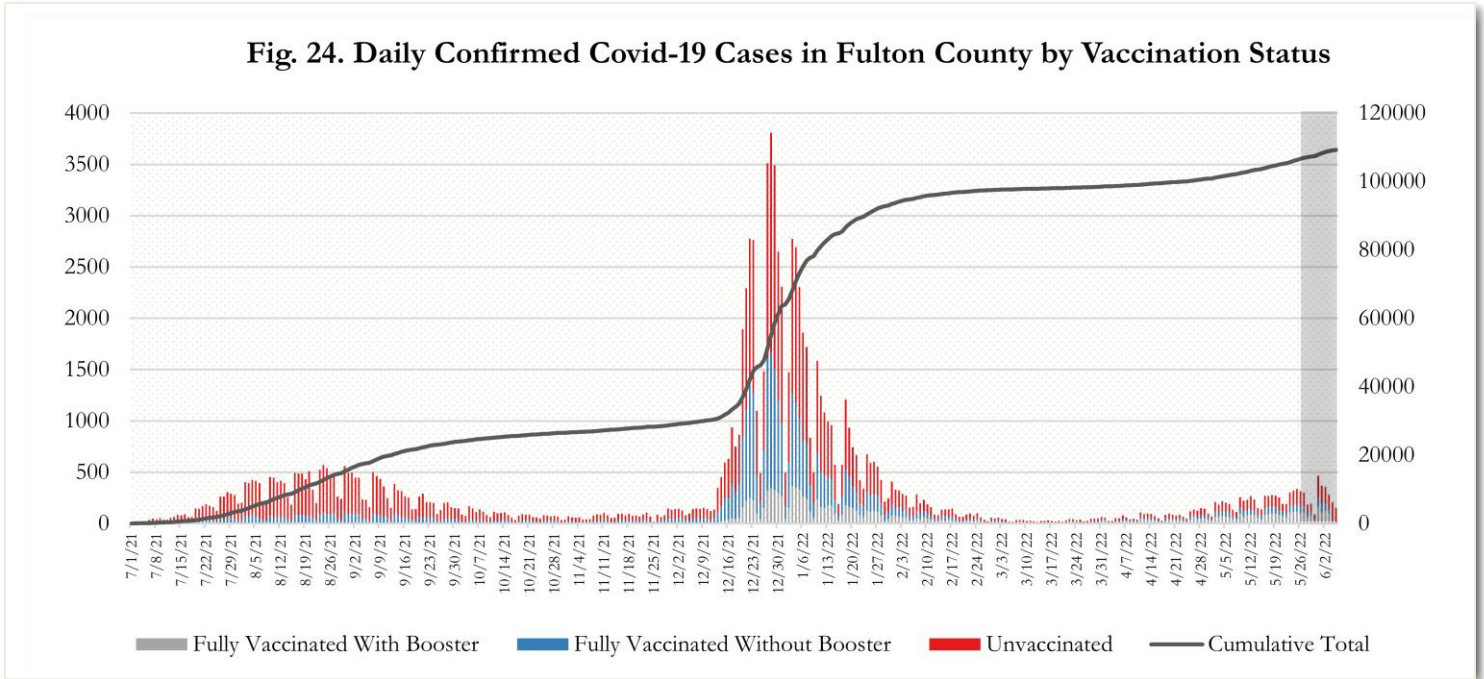
Fully vaccinated without booster includes those who are not yet eligible for a booster due to age or date of receiving their primary series.

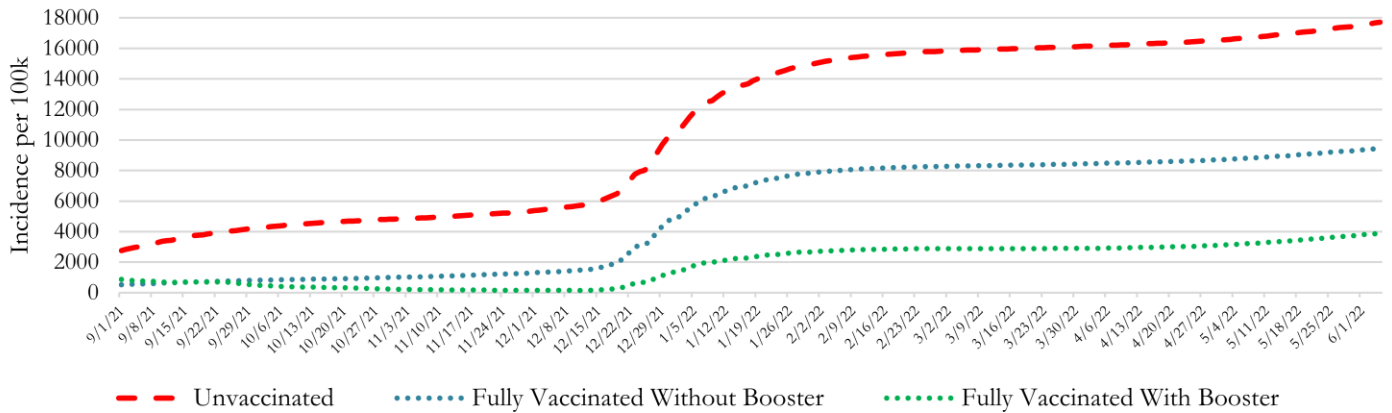## CASE COUNTS AND RATES BY VACCINATION AND BOOSTER STATUS

### Fig. 25. Fulton County Cumulative Case Counts of Covid-19 by Vaccination and Booster Status
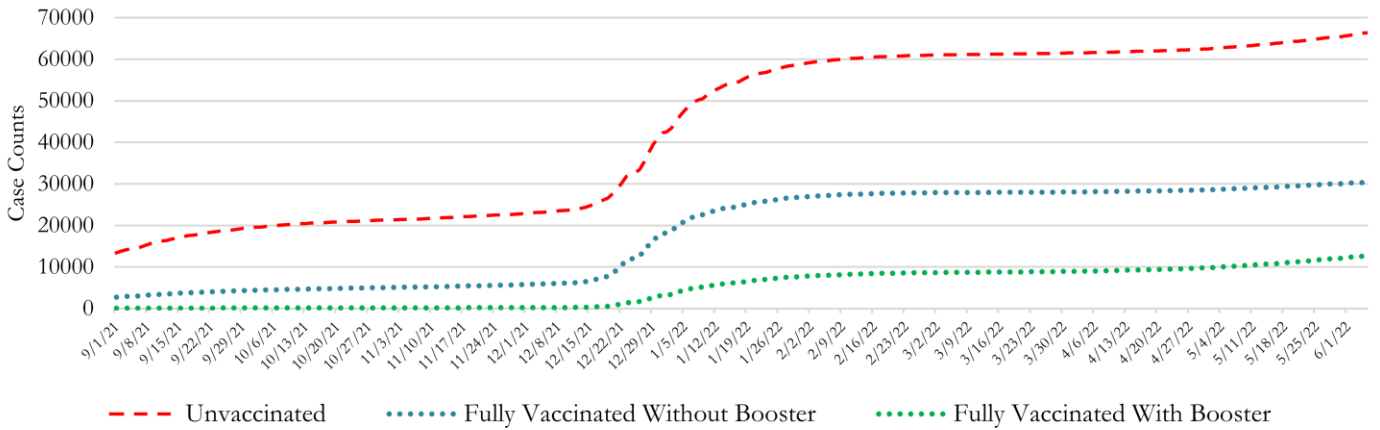
### Fig. 26. Fulton County Cumulative Incidence Rates of Covid-19 by Vaccination and Booster Status

SEVERE OUTCOMES BY VACCINATION STATUS

Fig. 27. Confirmed Cases Hospitalized for Any Reason by Vaccination Status

8%

2%

90%

- Fully Vaccinated Without Booster
- Fully Vaccinated With Booster
- Unvaccinated
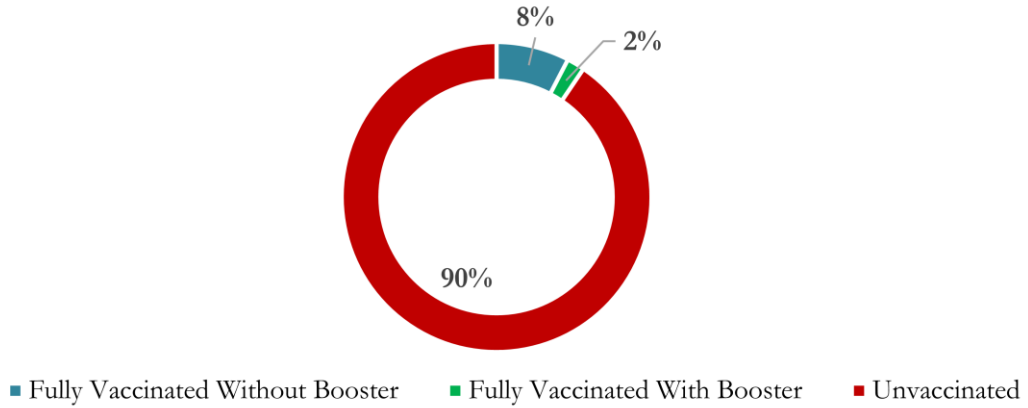
In accordance with DPH, data is displayed as confirmed **cases hospitalized "for any reason" and tested positive for Covid-19.** They were not necessarily hospitalized due to Covid-19.

Fig. 28. Confirmed Covid-19 Deaths by Vaccination Status

7%

2%

91%

- Fully Vaccinated
- Fully Vaccinated With Booster
- Unvaccinated
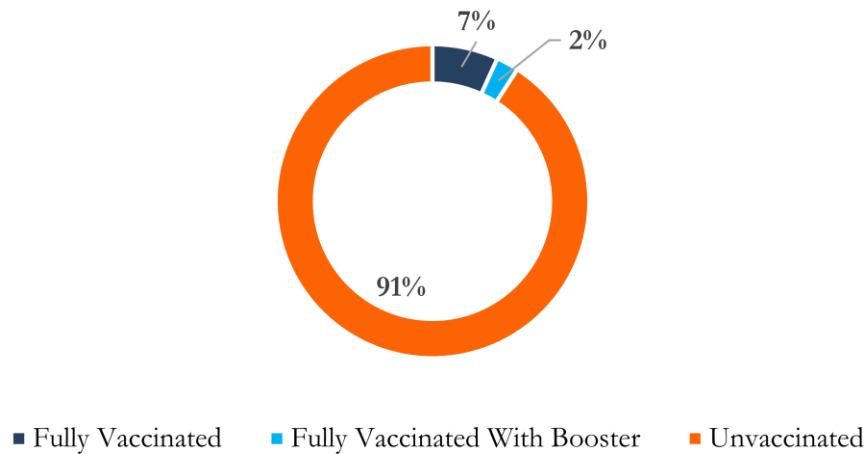
Of the **9%** of deaths that occurred in vaccinated individuals, **92% were over the age of 60.** Of that, **83% were over the age of 70.**