FULTON COUNTY
BOARD OF HEALTH

SUMMARY

- As of January 20, 2022, Fulton County has recorded **163,744 confirmed cases** and **27,160 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 January 20, 2022, Fulton County has recorded **1,759 confirmed COVID-19 deaths.** 89 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 514.6 per 100,000 persons (Mountain Park) to 2416.7 per 100,000 persons (Palmetto). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative –15350.4; Incidence – 1914.4**]. See map showing incident case rate by ZIP code on Pg.7.
- Of all PCR testing done in Fulton County between January 3 and January 16, 2022, **the percent positivity rate was 25.2%.**

Fig 1. Daily and Cumulative Confirmed and Probable COVID-19 cases in Fulton County, GA

Legend: Daily Probable Cases | Daily Confirmed Cases | Cumulative Confirmed Cases | Total Cumulative Cases
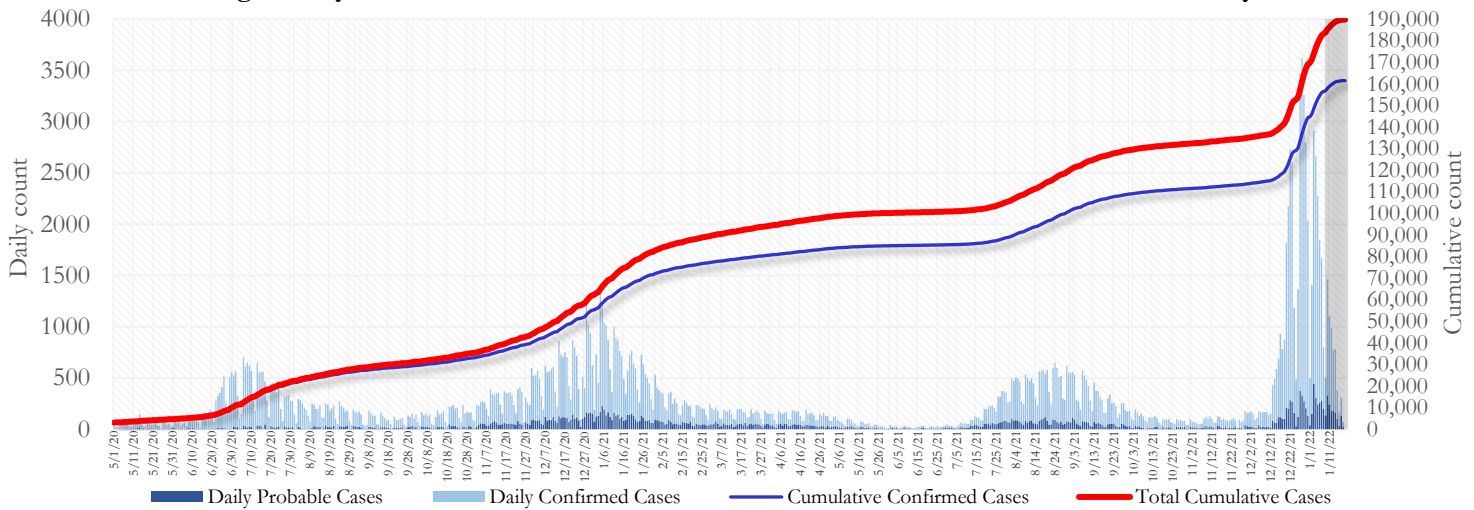
Counts shown reflect the number of cases as of 9:00 am on 1/20/22 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Public Health defines a confirmed cases 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: 38% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 36% and 23% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	42.5%	37.6%
North[1]	32.0%	35.7%
South[2]	22.4%	22.5%
Unincorporated/Unknown	3.0%	4.1%

[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 12/30/21 – 1/12/22).
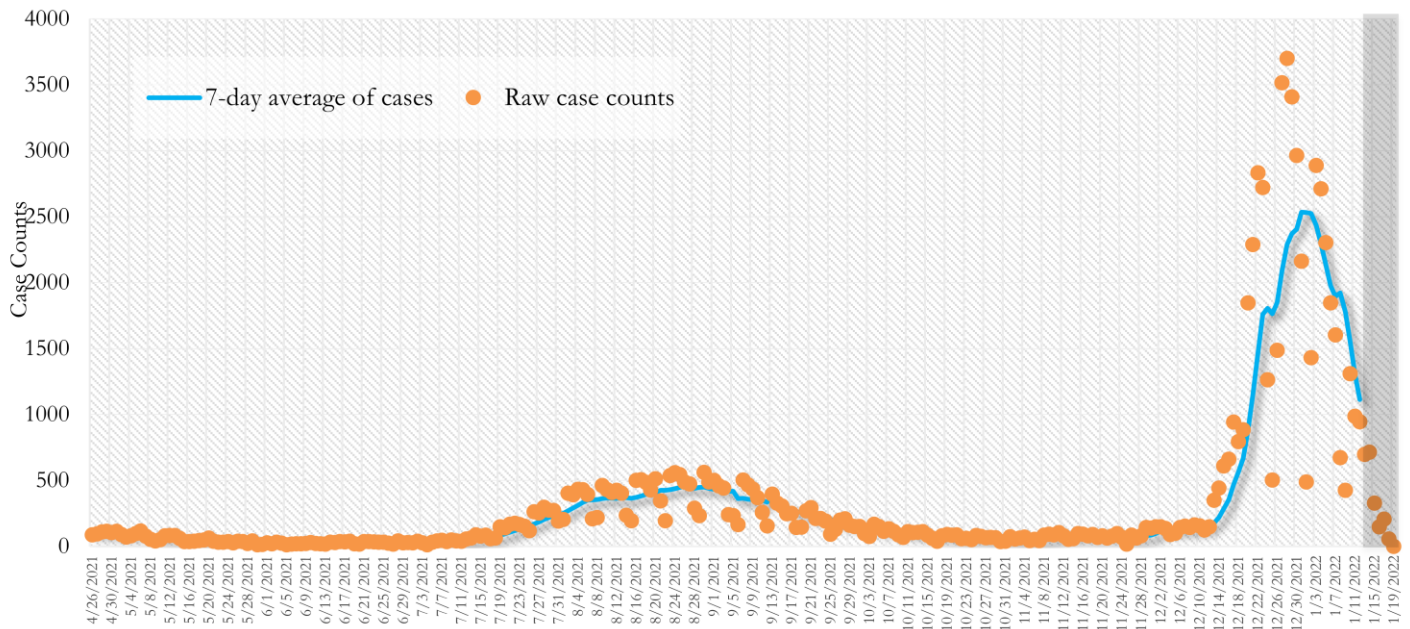
In the recent two week reporting period (12/30-1/12), there were more new cases of COVID-19 in Fulton County than the previous two weeks (12/16-12/29).
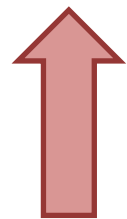
*Delayed a week to account for testing results turnaround time.

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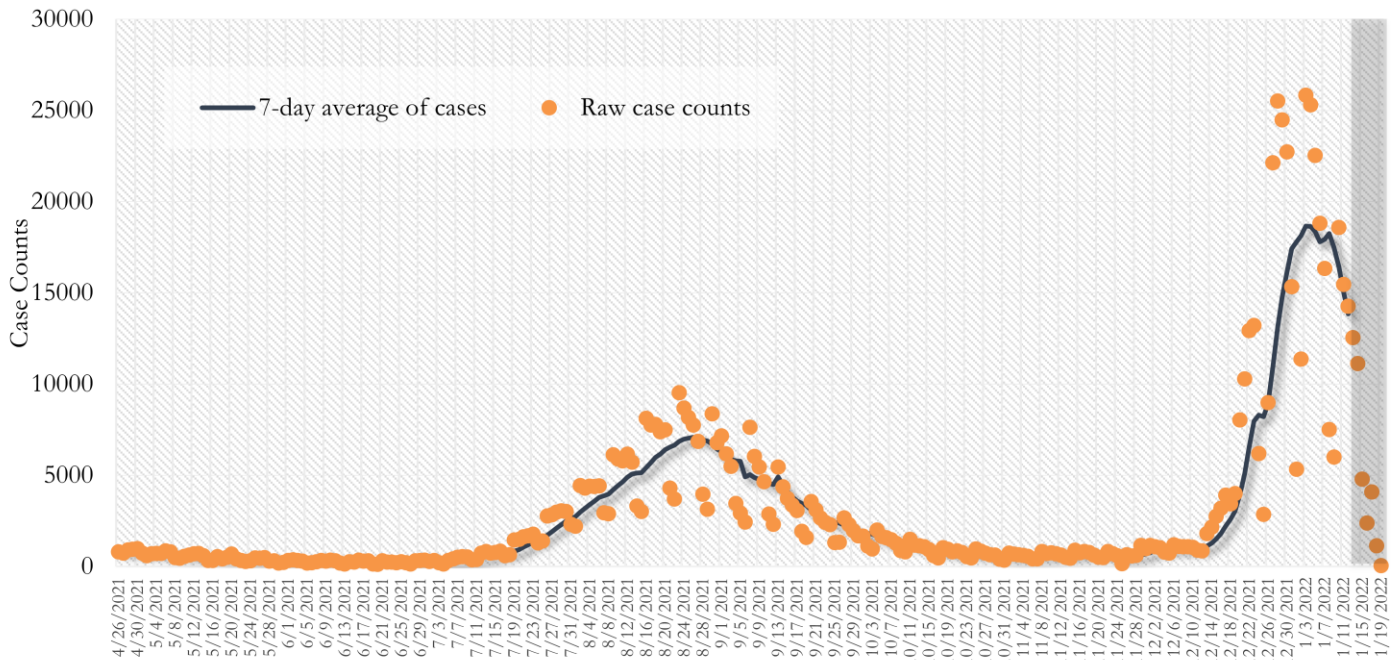
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to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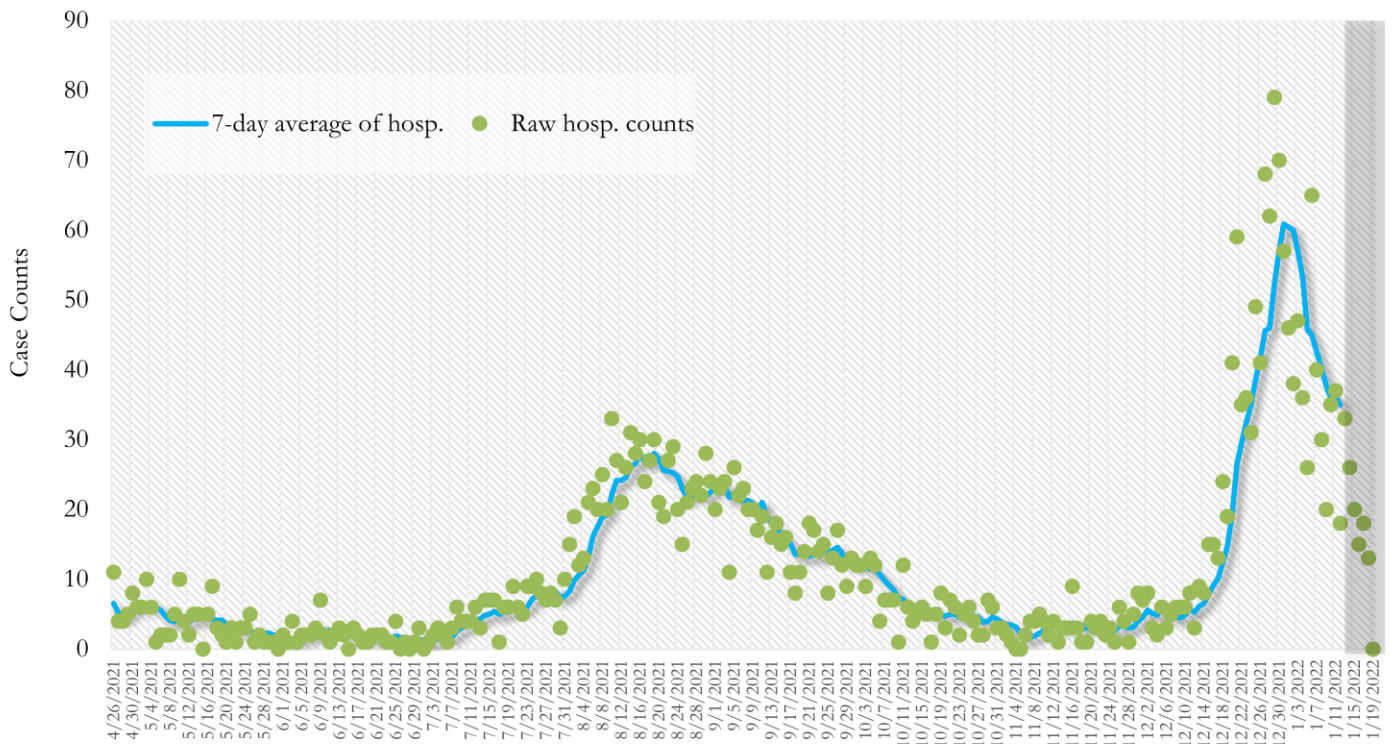

Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state 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)
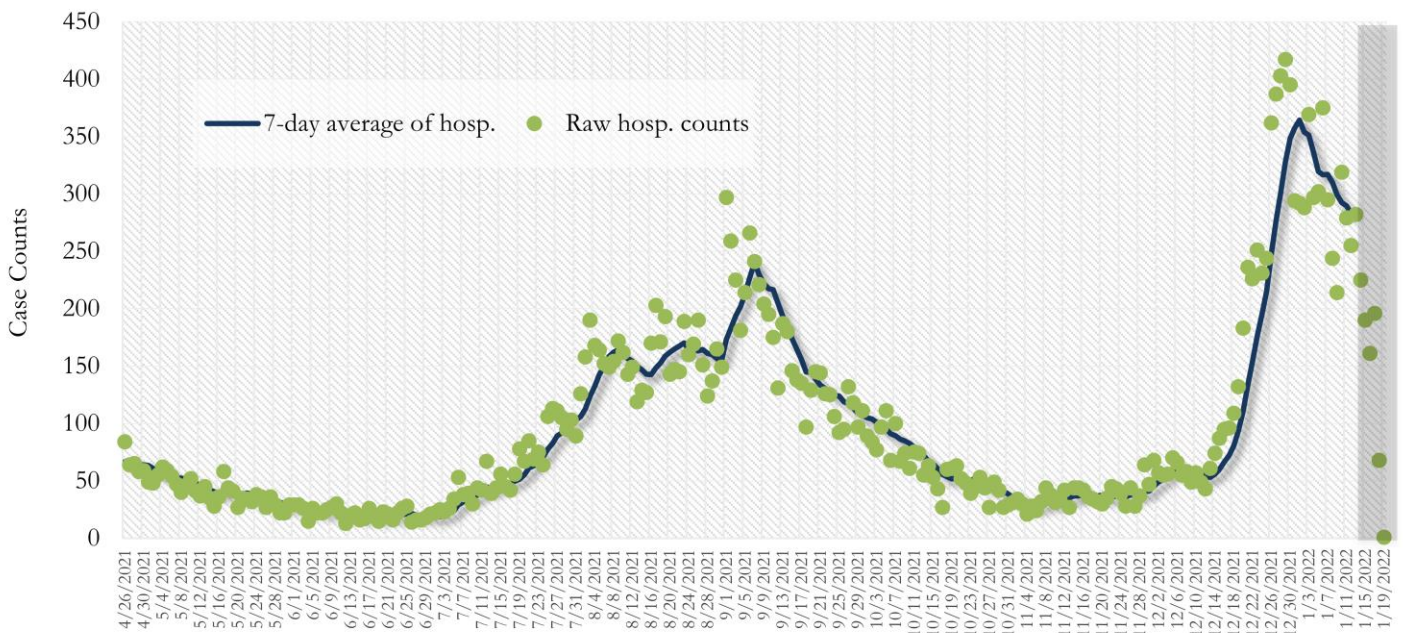
Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the state 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)
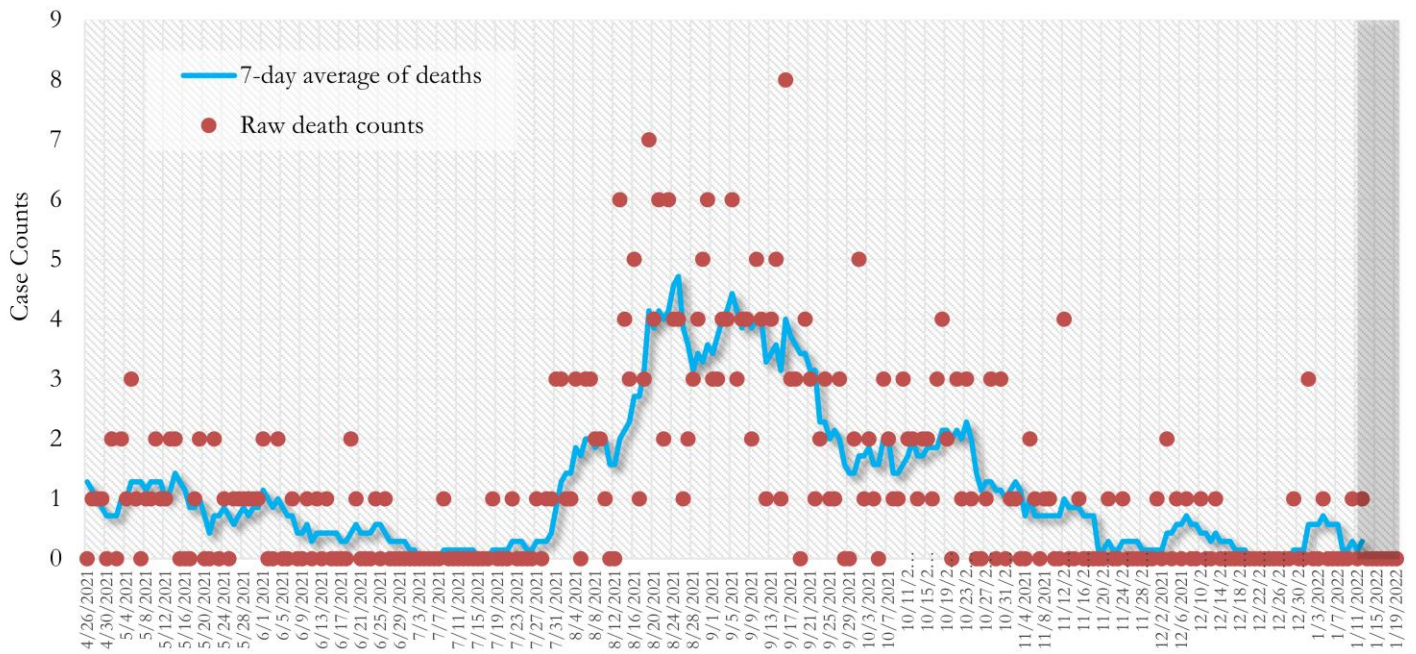
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

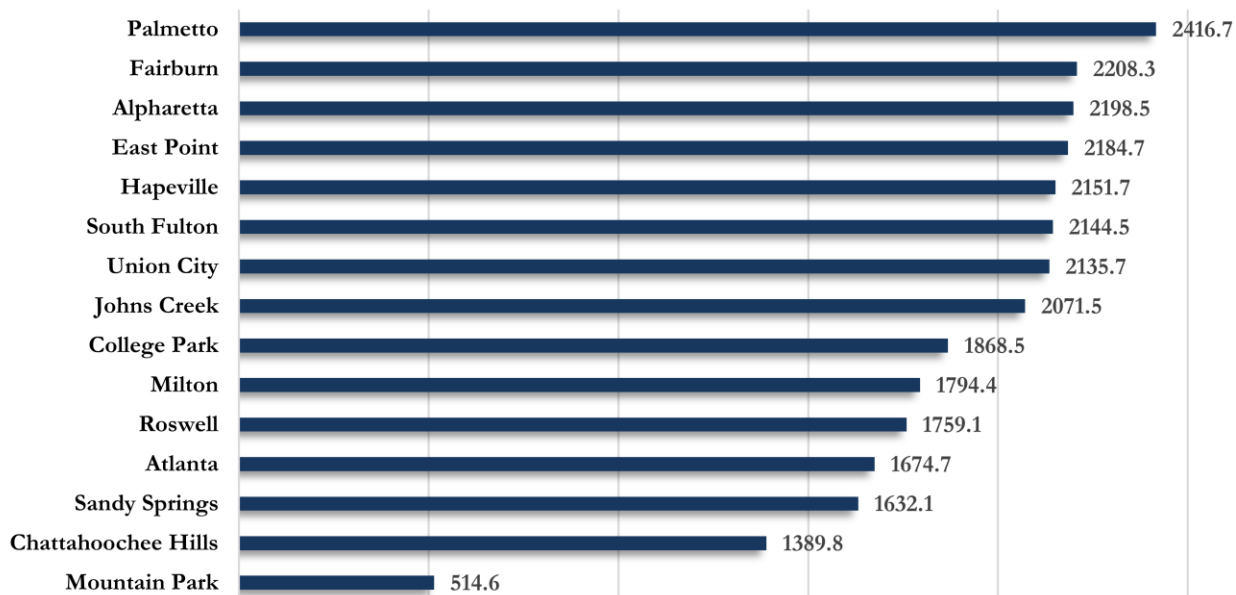## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
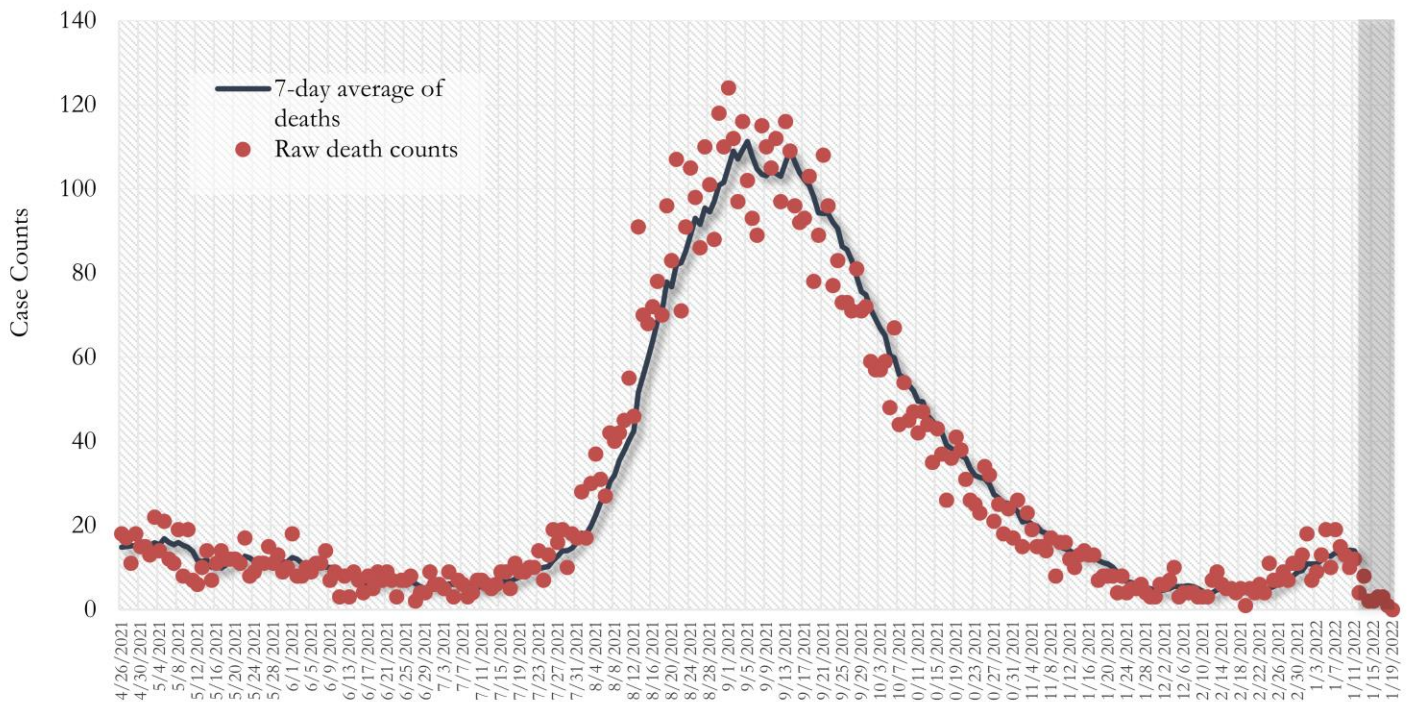
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]
	12/30-1/12	*12/16-12/29*		
Alpharetta	1447	1206	↑ 20.0%	2198.5
Atlanta	7681	9514	↓ 19.3%	1674.7
Chattahoochee Hills	41	63	↓ 34.9%	1389.8
College Park	241	278	↓ 13.3%	1868.5
East Point	838	1042	↓ 19.6%	2184.7
Fairburn	364	450	↓ 19.1%	2208.3
Hapeville	141	124	↑ 13.7%	2151.7
Johns Creek	1708	1418	↑ 20.5%	2071.5
Milton	741	591	↑ 25.4%	1794.4
Mountain Park	<10	<10	-	514.6
Palmetto	95	115	↓ 17.4%	2416.7
Roswell	1633	1453	↑ 12.4%	1759.1
Sandy Springs	1764	1973	↓ 10.6%	1632.1
South Fulton	2304	3180	↓ 27.5%	2144.5
Union City	573	802	↓ 28.6%	2135.7
Unknown	822	534	-	-

[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	Incidence Rate
Palmetto	2416.7
Fairburn	2208.3
Alpharetta	2198.5
East Point	2184.7
Hapeville	2151.7
South Fulton	2144.5
Union City	2135.7
Johns Creek	2071.5
College Park	1868.5
Milton	1794.4
Roswell	1759.1
Atlanta	1674.7
Sandy Springs	1632.1
Chattahoochee Hills	1389.8
Mountain Park	514.6

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

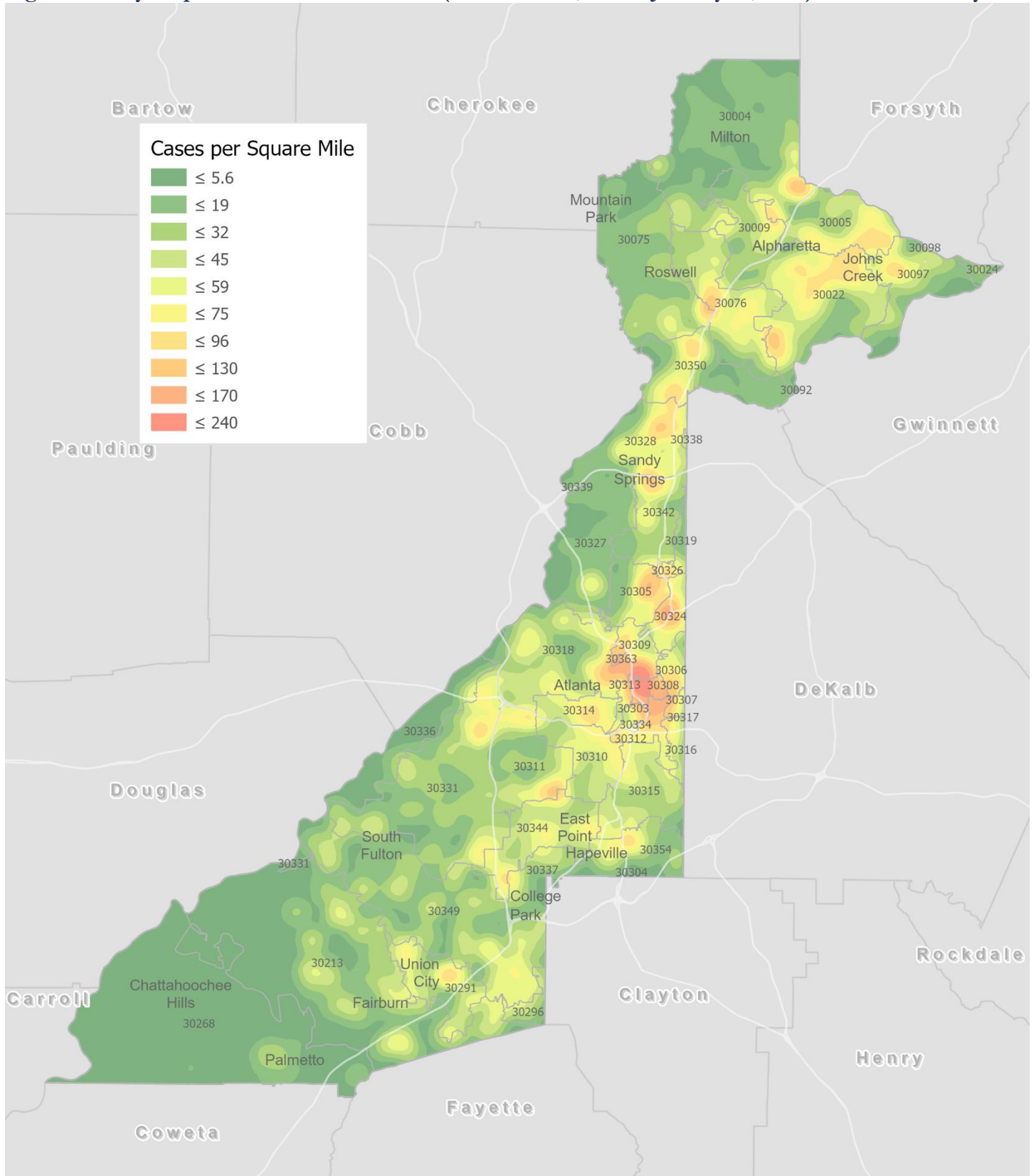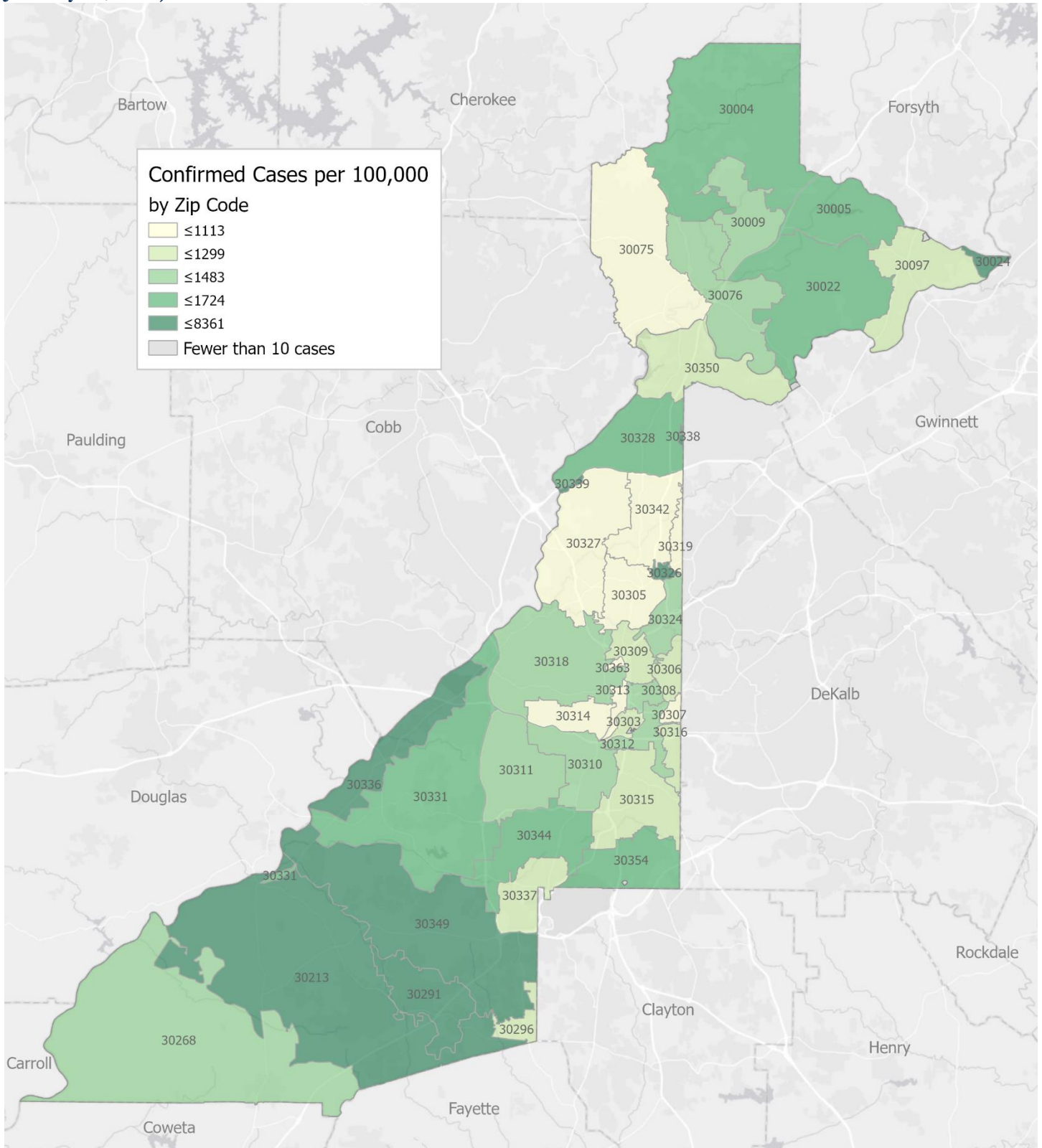**Fig. 9. Density Map – New COVID-19 Cases (December 30, 2021 – January 12, 2022) in Fulton County**

Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (December 30, 2021 – January 12, 2022)

Rates shown are per 100,000 populations.

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 past 7 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 *(12/30–1/12)*	Previous 14-day reporting period *(12/16–12/29)*	% Change between reporting periods[2]
All Fulton	**22791**	**20312**	↑ **12.2%**
30004	1118	696	↑ 60.6%
30005	876	485	↑ 80.6%
30009	387	307	↑ 26.1%
30022	1689	1157	↑ 46.0%
30024	45	24	↑ 87.5%
30075	641	473	↑ 35.5%
30076	1012	636	↑ 59.1%
30092	<10	0	↓ 27.4%
30097	533	294	↑ 81.3%
30098	0	0	-
30213	1137	1046	↑ 8.7%
30268	173	166	↑ 4.2%
30291	686	608	↑ 12.8%
30296	82	92	↓ 10.9%
30303	147	97	↑ 51.5%
30305	482	604	↓ 20.2%
30306	264	270	↓ 2.2%
30307	114	134	↓ 14.9%
30308	382	405	↓ 5.7%
30309	514	674	↓ 23.7%
30310	554	496	↑ 11.7%
30311	729	664	↑ 9.8%
30312	552	519	↑ 6.4%
30313	139	145	↓ 4.1%
30314	362	357	↑ 1.4%
30315	651	640	↑ 1.7%
30316	275	263	↑ 4.6%
30317	11	<10	↑ 37.5%
30318	1181	1103	↑ 7.1%
30319	103	80	↑ 28.8%
30324	571	579	↓ 1.4%
30326	127	175	↓ 27.4%
30327	296	341	↓ 13.2%
30328	767	657	↑ 16.7%
30331	1434	1581	↓ 9.3%
30334	<10	<10	-
30336	60	38	↑ 57.9%
30337	254	243	↑ 4.5%

Zip Code	Recent 14-day reporting period *(12/30–1/12)*	Previous 14-day reporting period *(12/16–12/29)*	% Change between reporting periods
30338	45	26	↑ 73.1%
30339	88	27	↑ 225.9%
30340	0	<10	↓ 100.0%
30341	0	<10	↓ 100.0%
30342	571	561	↑ 1.8%
30344	888	835	↑ 6.3%
30349	1537	1601	↓ 4.0%
30350	617	581	↑ 6.2%
30354	387	286	↑ 35.3%
30358	0	<10	↓ 100.0%
30363	66	75	↓ 12.0%
30606	0	0	-
31131	0	0	-
31150	0	0	-
Unknown	208	242	-

[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 <u>both</u> 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

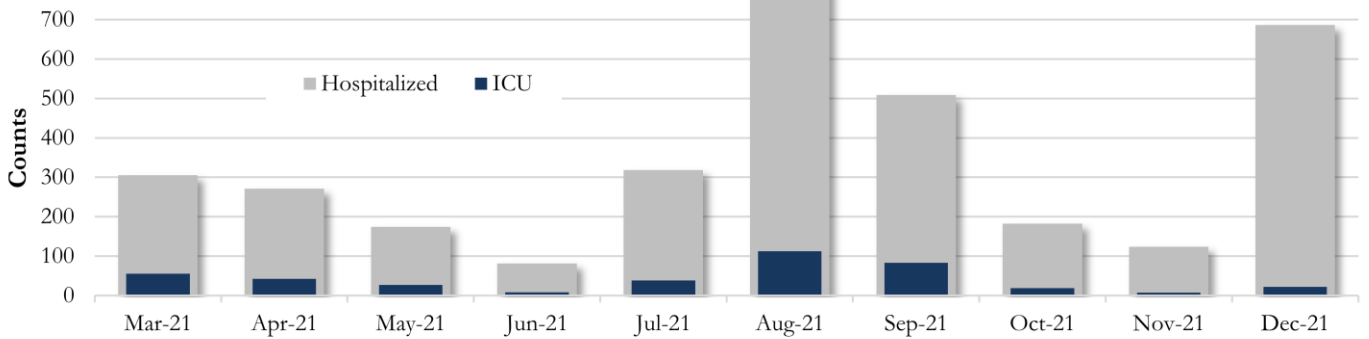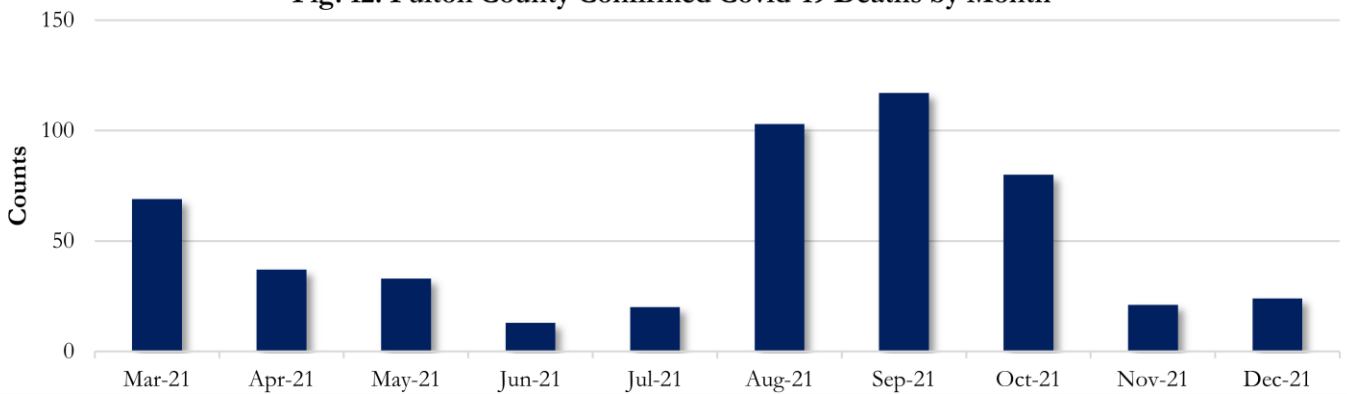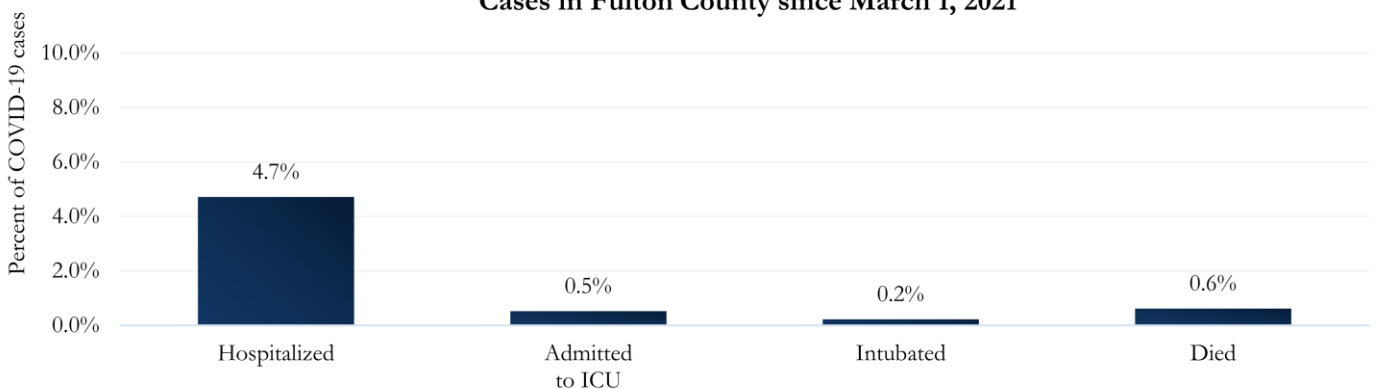

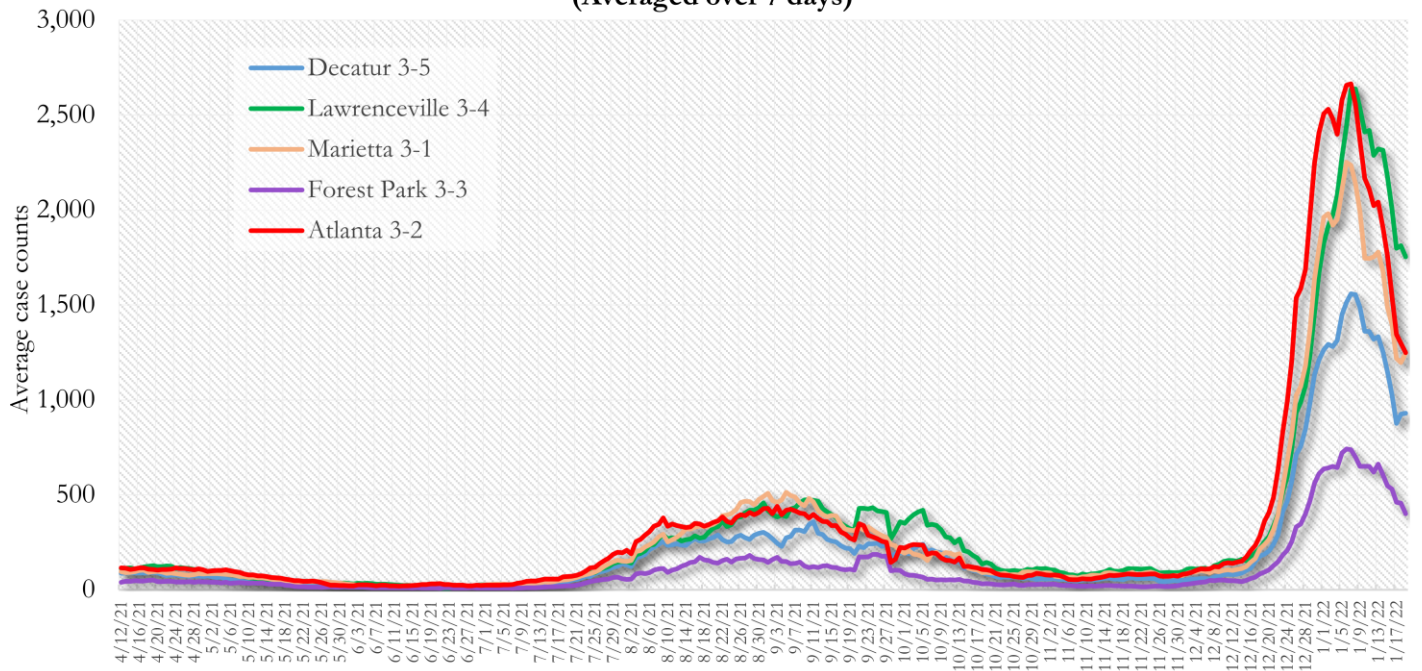**Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month**

Values for November and December 2021 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 March 1, 2021

COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

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

This figure uses date of report as provided from DPH.

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 December 16, 2021 – January 12, 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	**163744**		**43140**		**1759**		**17**	
Female	88539	54.1%	24150	56.0%	842	47.9%	<10	41.2%
Male	74134	45.3%	18415	42.7%	917	52.1%	10	58.8%
Unknown*	1071	<1%	575	<1%	0	-	0	-
0-9	9885	6.0%	3058	7.1%	0	-	0	-
10-19	19145	11.7%	4655	10.8%	<10	<1%	0	-
20-29	35289	21.6%	9457	21.9%	<10	<1%	0	-
30-39	32237	19.7%	8981	20.8%	51	2.9%	0	-
40-49	24733	15.1%	6718	15.6%	65	3.7%	<10	5.9%
50-59	20625	12.6%	5338	12.4%	189	10.7%	<10	5.9%
60-69	11978	7.3%	2914	6.8%	336	19.1%	<10	23.5%
≥70	9736	5.9%	1986	4.6%	1111	63.2%	11	64.7%
Unknown*	116	<1%	<10	<1%	0	-	0	-
Asian, NH	6984	4.3%	2176	5.0%	26	1.5%	<10	5.9%
Black, NH	72588	44.3%	17874	41.4%	1119	63.6%	<10	47.1%
White, NH	46632	28.5%	8223	19.1%	529	30.1%	<10	41.2%
Hispanic, all races	15010	9.2%	2975	6.9%	74	4.2%	0	-
Other, NH	4907	3.0%	1178	2.7%	10	<1%	0	-
Unknown*	17623	10.8%	10714	24.8%	<10	<1%	<10	5.9%

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 1/19/2022

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 December 20, 2021 – January 16, 2022
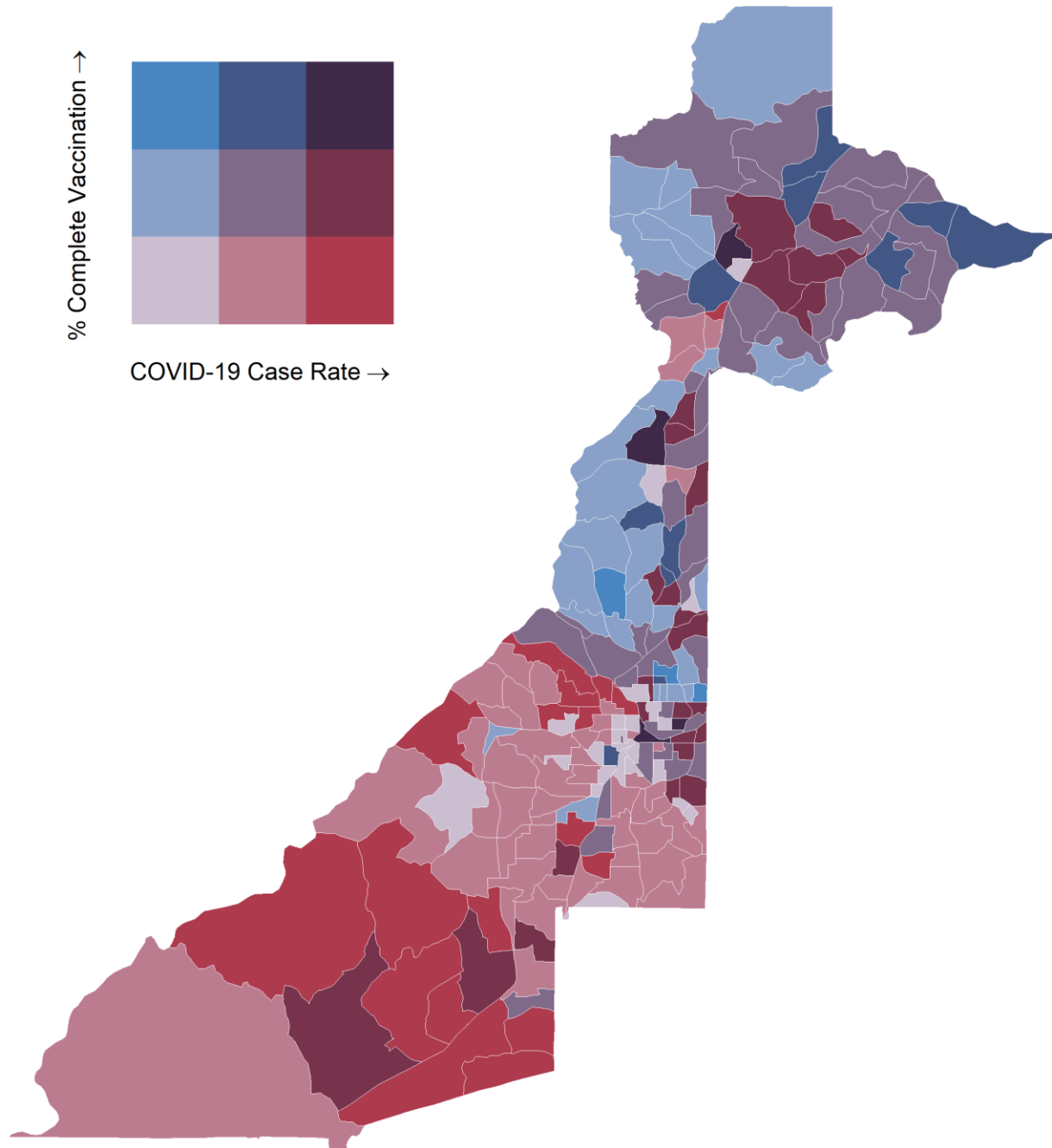
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY AND GEORGIA

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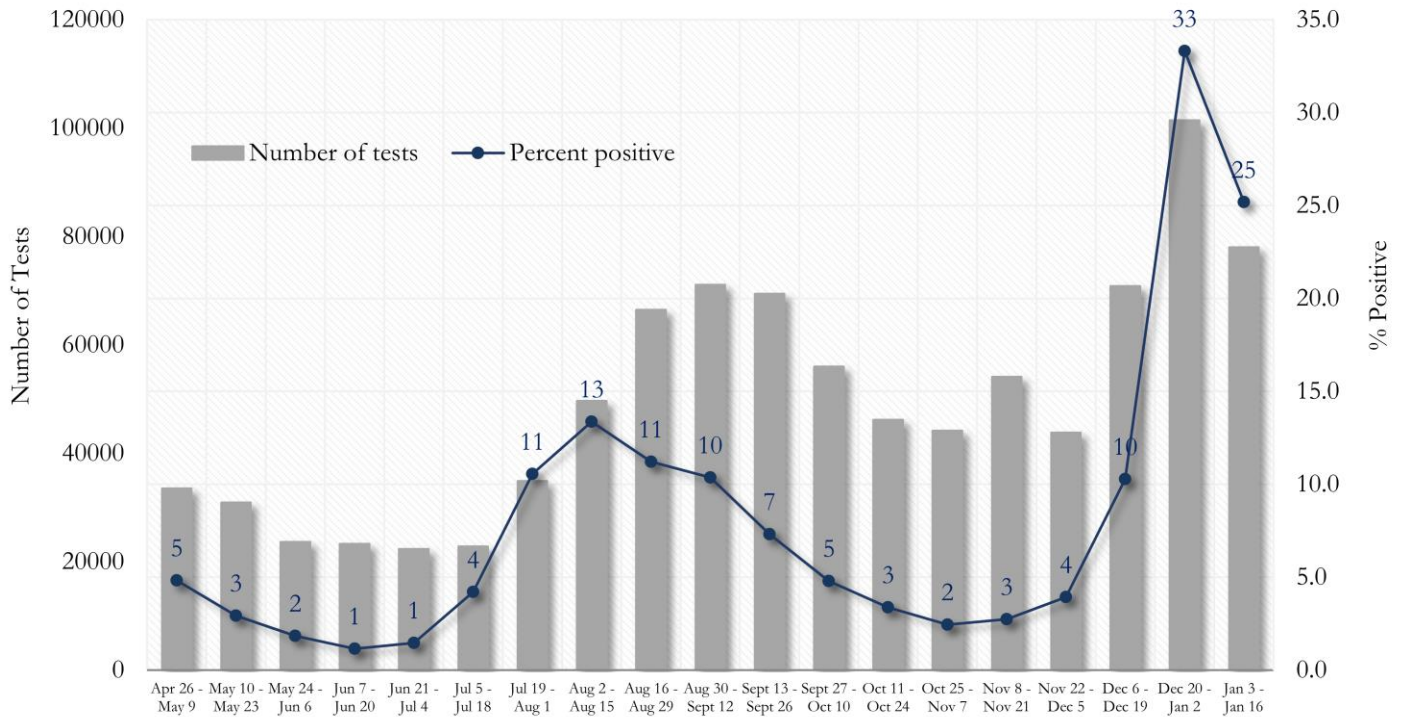
Data on Polymerase Chain Reaction (PCR) tests only included.

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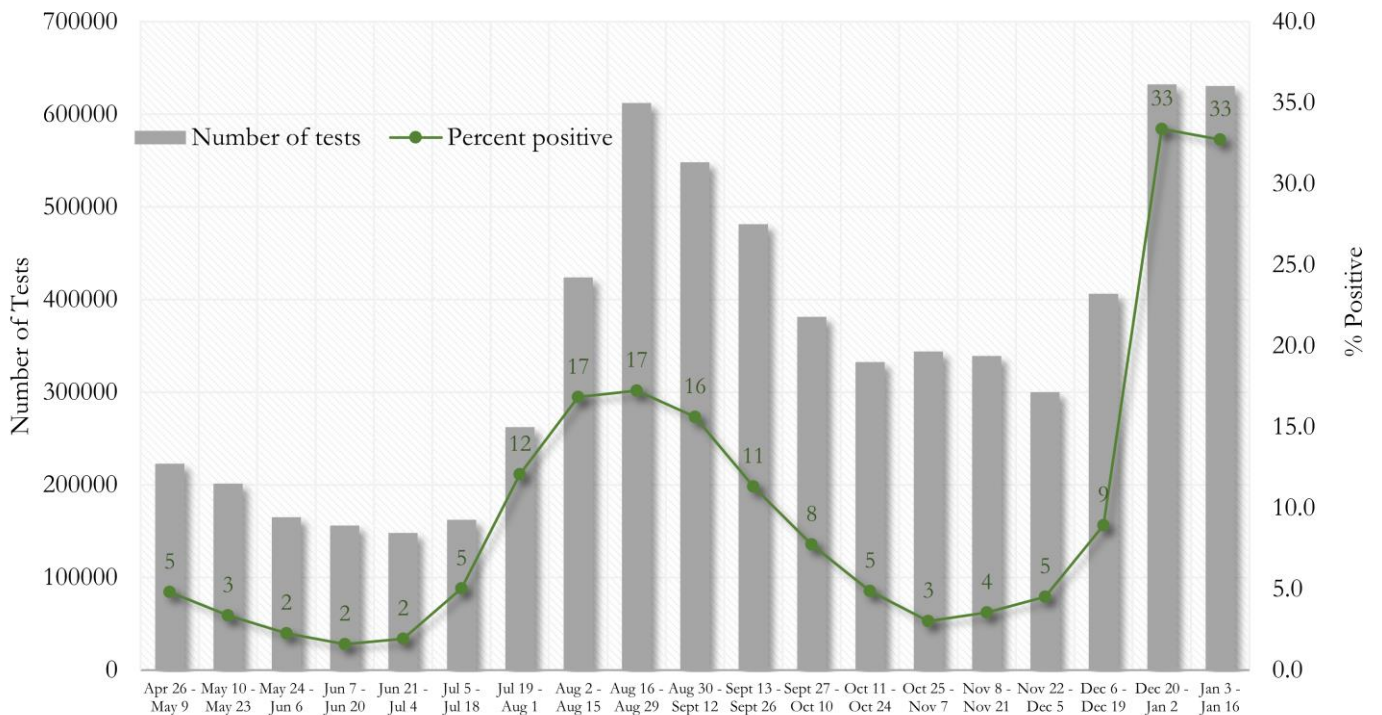
Data on Polymerase Chain Reaction (PCR) tests only included.

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
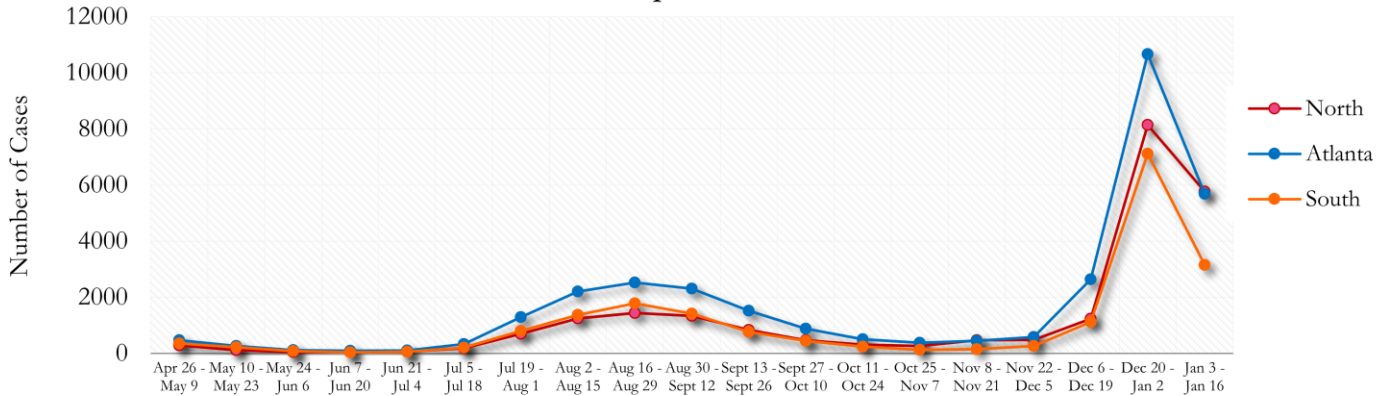
In the past two weeks, Atlanta and North Fulton accounted for roughly the same amount of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College 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
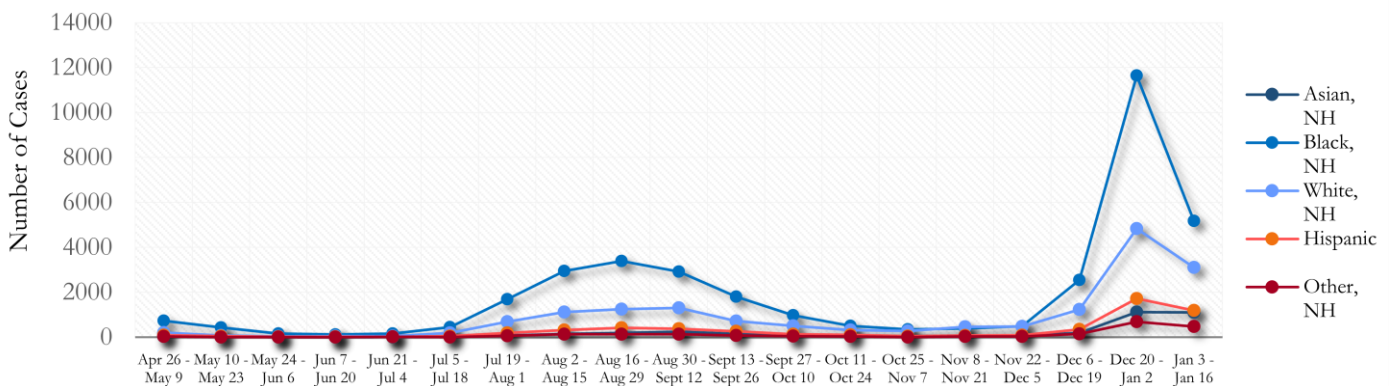
Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
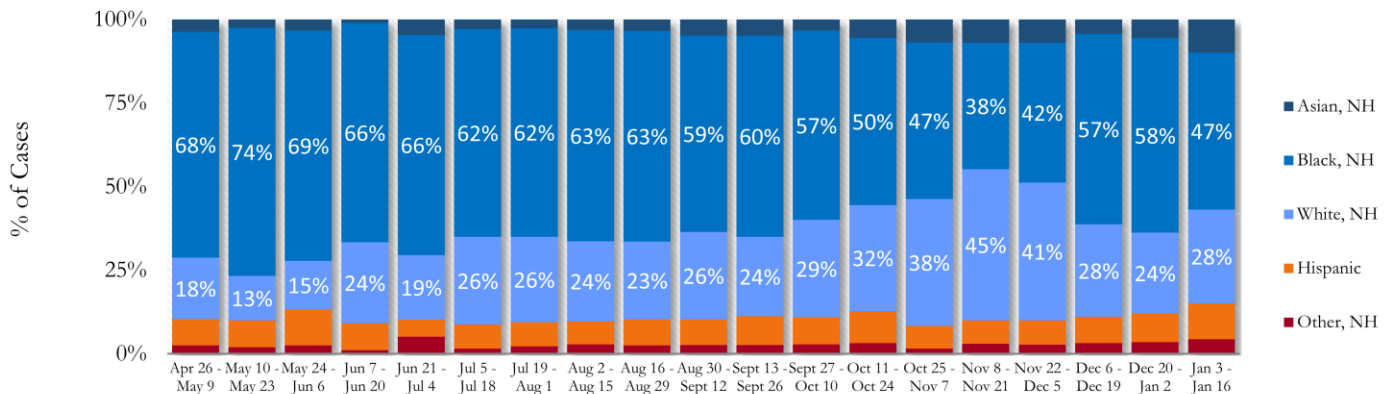
About 11% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 28% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

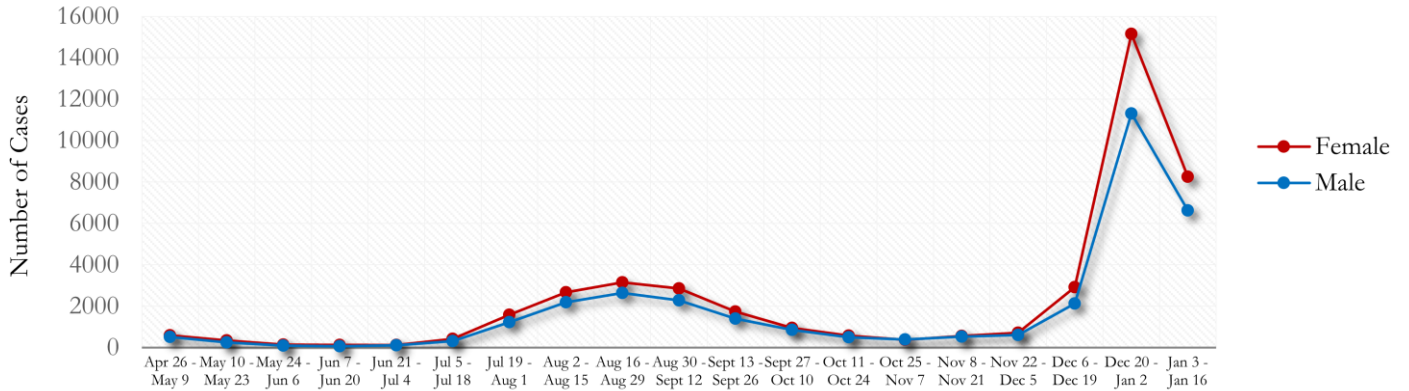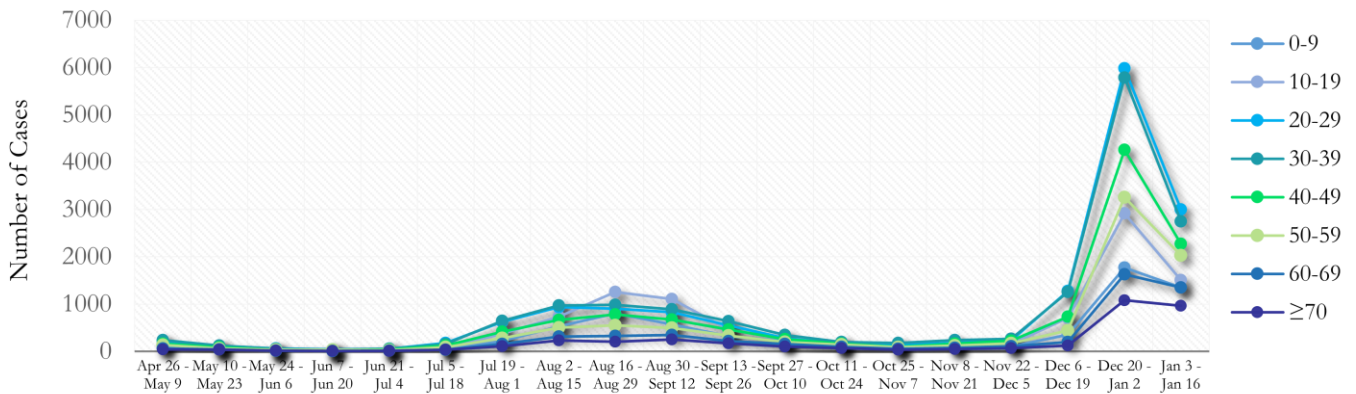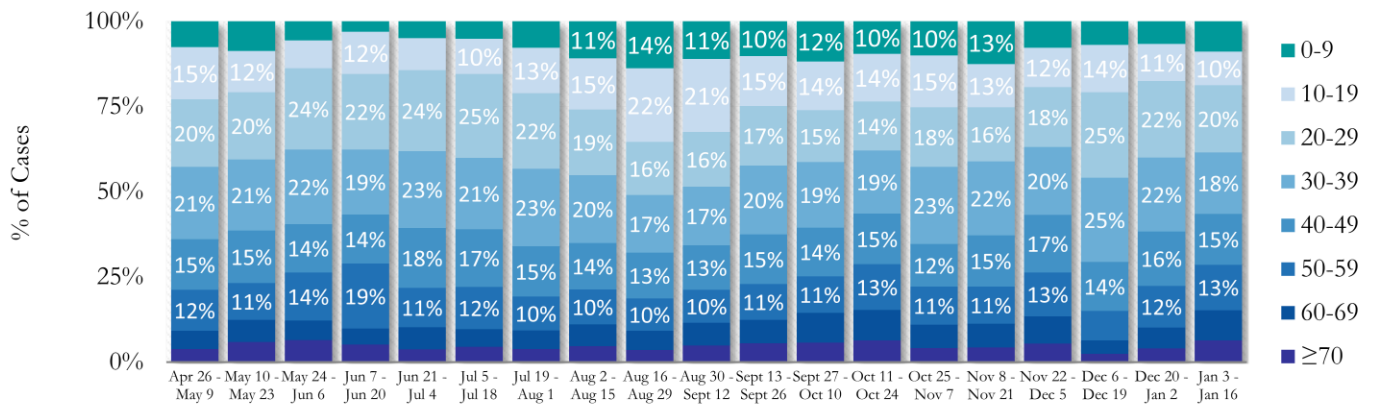**Fig. 21. Trends in Sex Distribution of Covid-19 Cases in Fulton County by 14-day periods**

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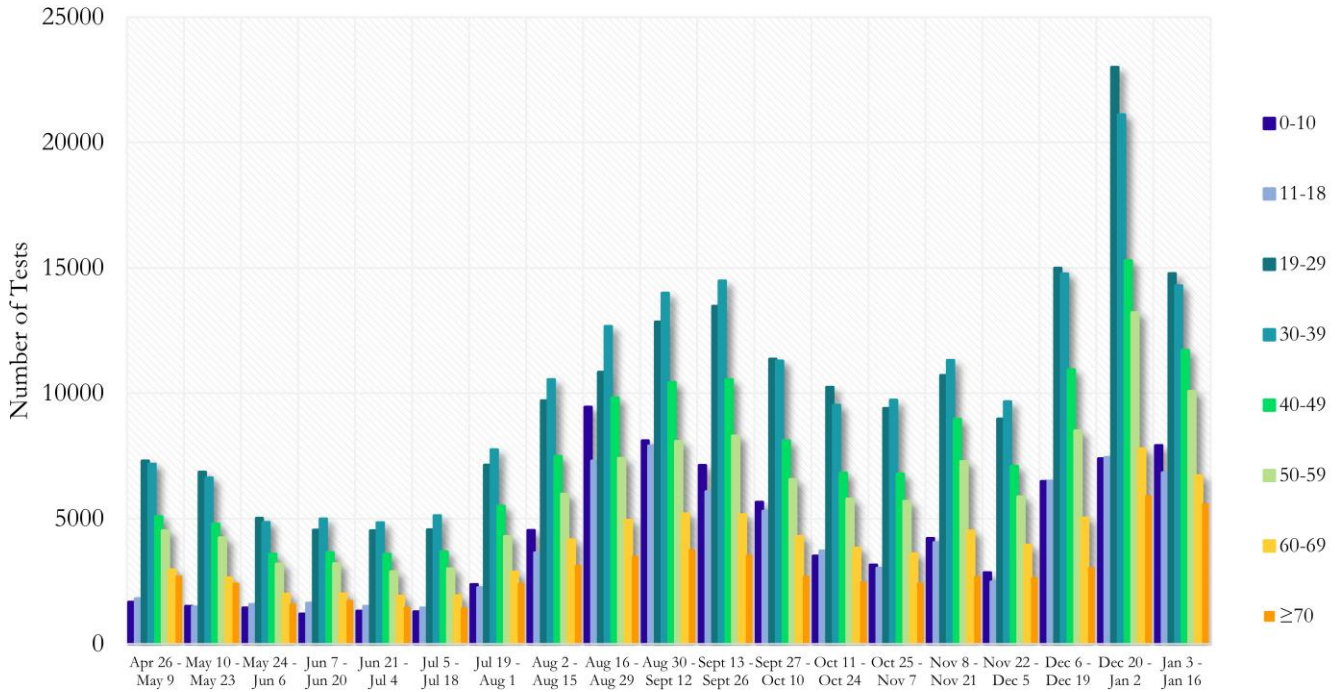
Fig. 23. Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

Value labels under 10% are not shown. Percentages do not include the missing data and thus are subject to change as data are cleaned.
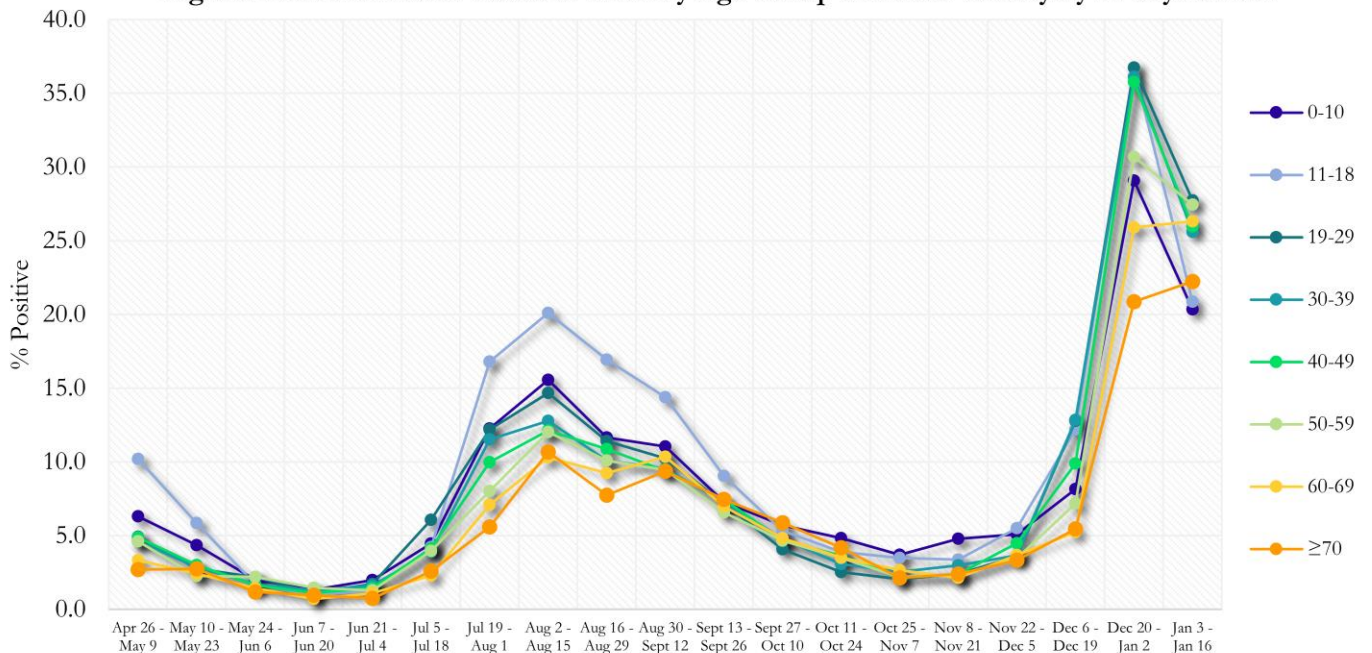
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

Fig. 24. Covid-19 Tests by Age in Fulton County by 14-day Periods
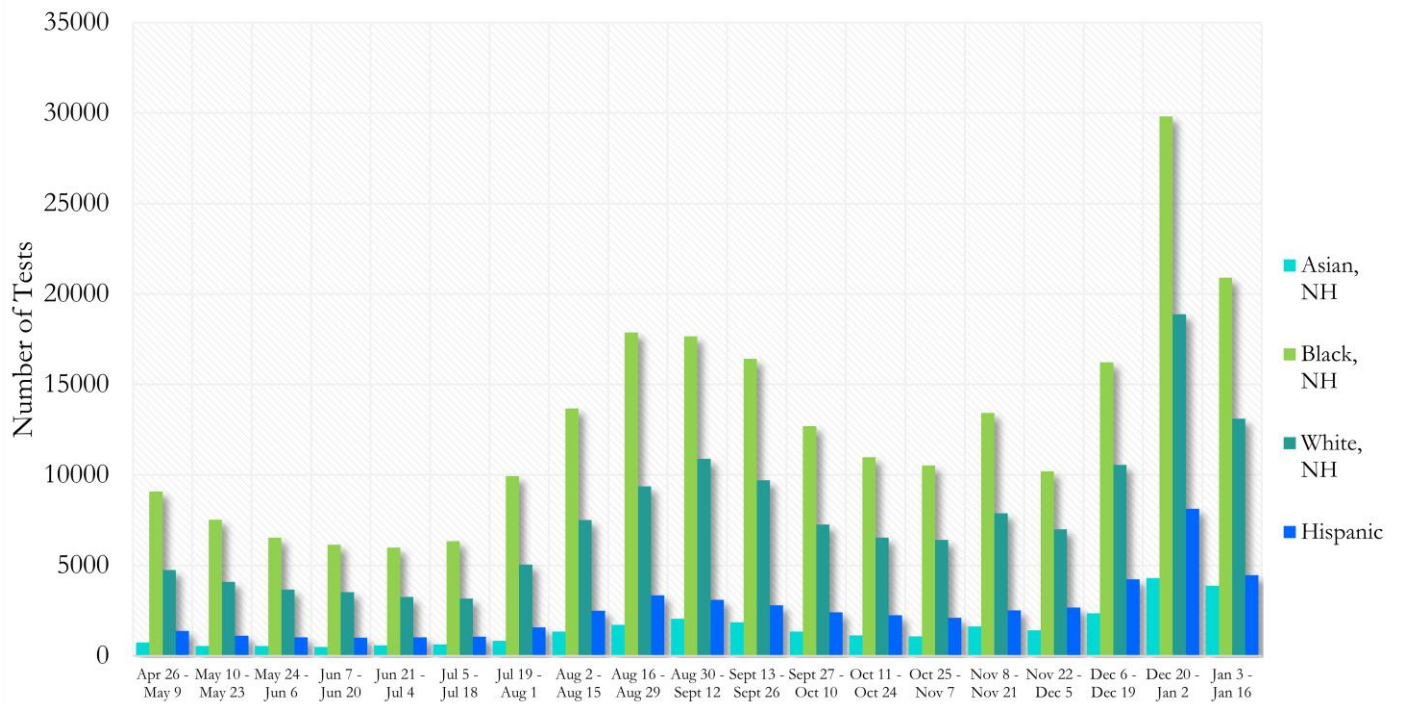

Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 25. Percent Positive Covid-19 Tests by Age Group in Fulton County by 14-day Periods
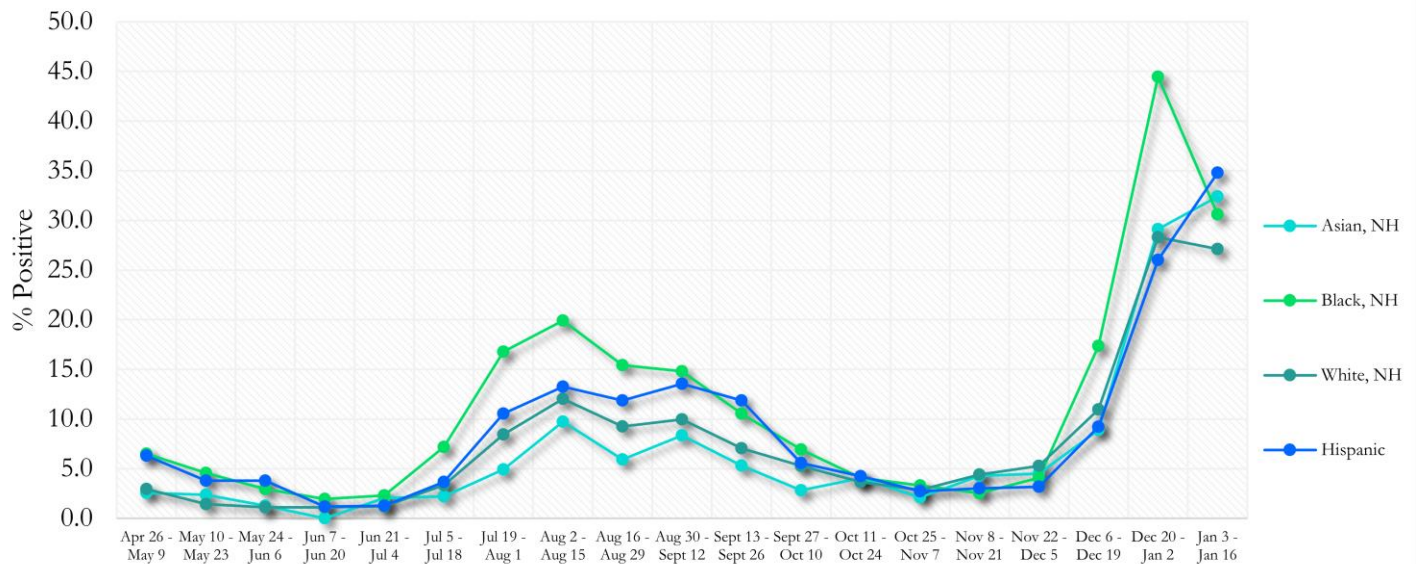

Data on Polymerase Chain Reaction (PCR) tests only included.

Fig. 26. Covid-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

Data on Polymerase Chain Reaction (PCR) tests only included. For the recent two weeks, 51% of test results did not have race/ethnicity information.

Fig. 27. Percent Positive Covid-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods
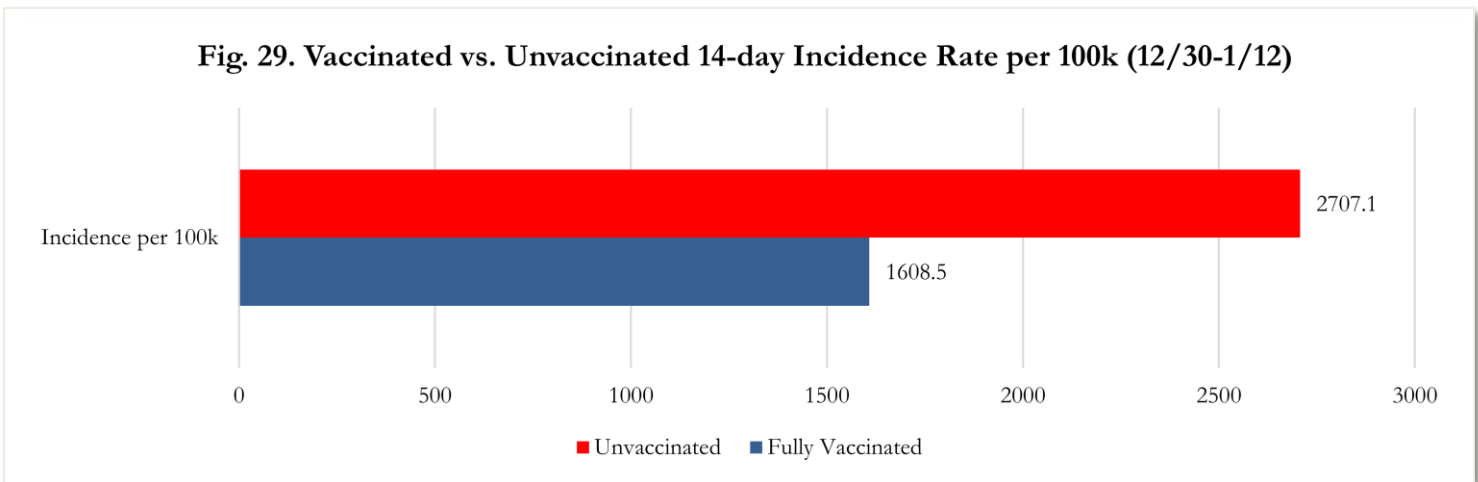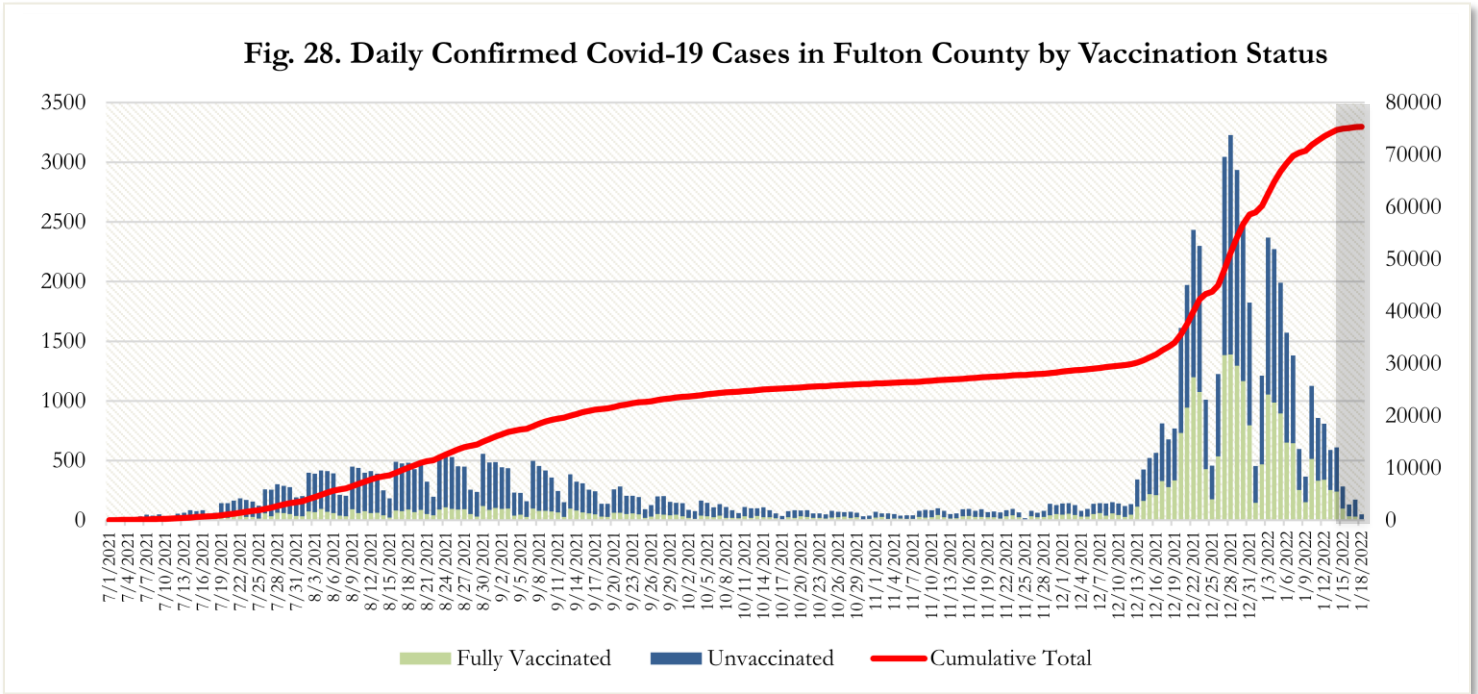

Data on Polymerase Chain Reaction (PCR) tests only included.

FULTON COUNTY VACCINATION CASE DATA

There are currently **602,159 fully vaccinated residents** in Fulton County, of which **4% have been a confirmed case of Covid-19 since 12/31/20.** Of the **464,551 partially vaccinated or unvaccinated** Fulton County residents, **17% have been a confirmed case of Covid-19 since 12/31/20.**

Since July 1, 2021, Fulton County has reported **75,362 new confirmed Covid-19 cases**. **65%** (48,941) of these new cases occurred in **unvaccinated individuals. 35%** (26,421) of these new cases occurred in **fully vaccinated individuals.**

Fig. 28. Daily Confirmed Covid-19 Cases in Fulton County by Vaccination Status

Fully Vaccinated   Unvaccinated   Cumulative Total

Fig. 29. Vaccinated vs. Unvaccinated 14-day Incidence Rate per 100k (12/30-1/12)

Incidence per 100k

2707.1

1608.5

Unvaccinated   Fully Vaccinated

Incidence rate for each population is calculated using the number of new Covid-19 cases during the 14 day reporting period by vaccination status over the number of individuals in each population (vaccinated residents vs. unvaccinated residents). The number of individuals in each population is provided on the DPH Covid-19 Vaccine Dashboard.

SEVERE OUTCOMES BY VACCINATION STATUS

Fig. 30. Confirmed Cases Hospitalized for Any Reason by Vaccination Status

8%

92%

■ Fully Vaccinated   ■ Unvaccinated
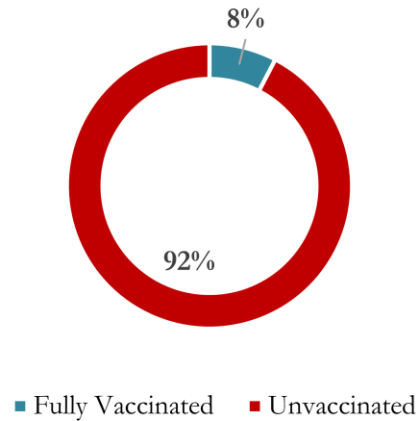
In accordance with DPH, data is displayed as confirmed **cases hospitalized "for any reason" and tested positive for Covid-19.** They were not necessarily hospitalized due to Covid-19.

Fig. 31. Confirmed Covid-19 Deaths by Vaccination Status

4%

96%

■ Fully Vaccinated   ■ Unvaccinated
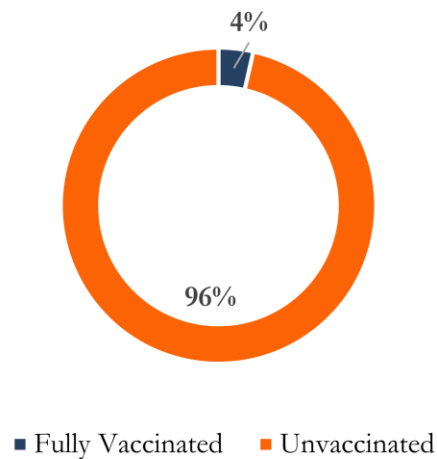
Of the **4%** of deaths that occurred in vaccinated individuals, **95% were over the age of 60.** Of that, **85% were over the age of 70.**

Data on breakthrough cases among those fully vaccinated with booster is forthcoming.