## SUMMARY

- As of January 6, 2022, Fulton County has recorded **145,768 confirmed cases** and **25,577 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 6, 2022, Fulton County has recorded **1,736 confirmed COVID-19 deaths.** 83 deaths are currently under review by GA DPH to confirm cause of death.
- By city, new confirmed COVID-19 case rates range from 171.5 per 100,000 persons (Mountain Park) to 3187.9 per 100,000 persons (South Fulton). **[Fulton County Diagnoses Rates (per 100,000 persons): Cumulative –13665.2; Incidence – 2304.7**]. See map showing incident case rate by ZIP code on Pg.7.
- Of all PCR testing done in Fulton County between December 20, 2021 and January 2, 2022, **the percent positivity rate was 33.2%.**

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

Daily Probable Cases   Daily Confirmed Cases   Cumulative Confirmed Cases   Total Cumulative Cases
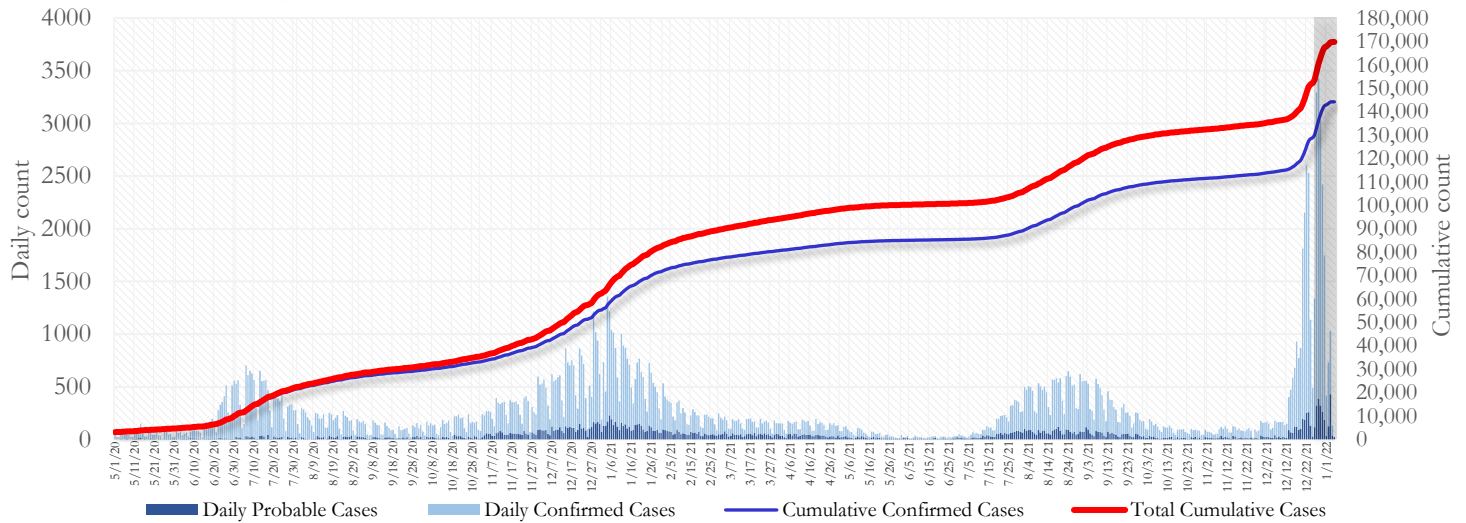
Counts shown reflect the number of cases as of 9:00 am on 1/6/22 using the date of first positive sample collection. Where date of sample collection was not available or missing, the date of report creation in GA SendSS was used instead. The Georgia Department of Public Health defines a confirmed cases 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.

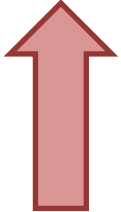**THE FOLLOWING ANALYSES (PAGES 1-19) ARE USING DATA ON CONFIRMED CASES ONLY.**

DISTRIBUTION OF COVID-19 CASES BY REGION

New cases: 41% of the new COVID-19 cases in the past 2 weeks occurred in Atlanta while 29% and 26% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	43.0%	41.2%
North[1]	31.5%	29.4%
South[2]	22.5%	26.1%
Unincorporated/Unknown	3.0%	3.3%

[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 12/16/21 – 12/29/21).*
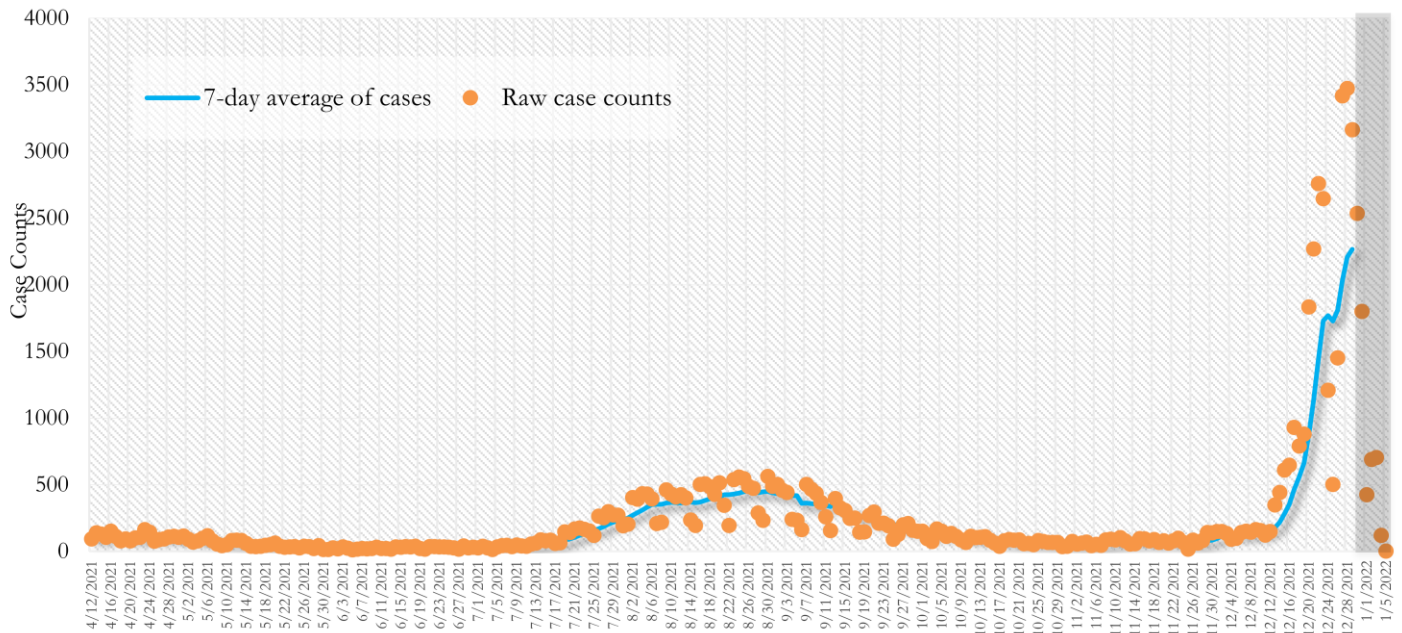
In the recent two week reporting period (12/16-12/29), there were more new cases of COVID-19 in Fulton County than the previous two weeks (12/2-12/15).

*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)**
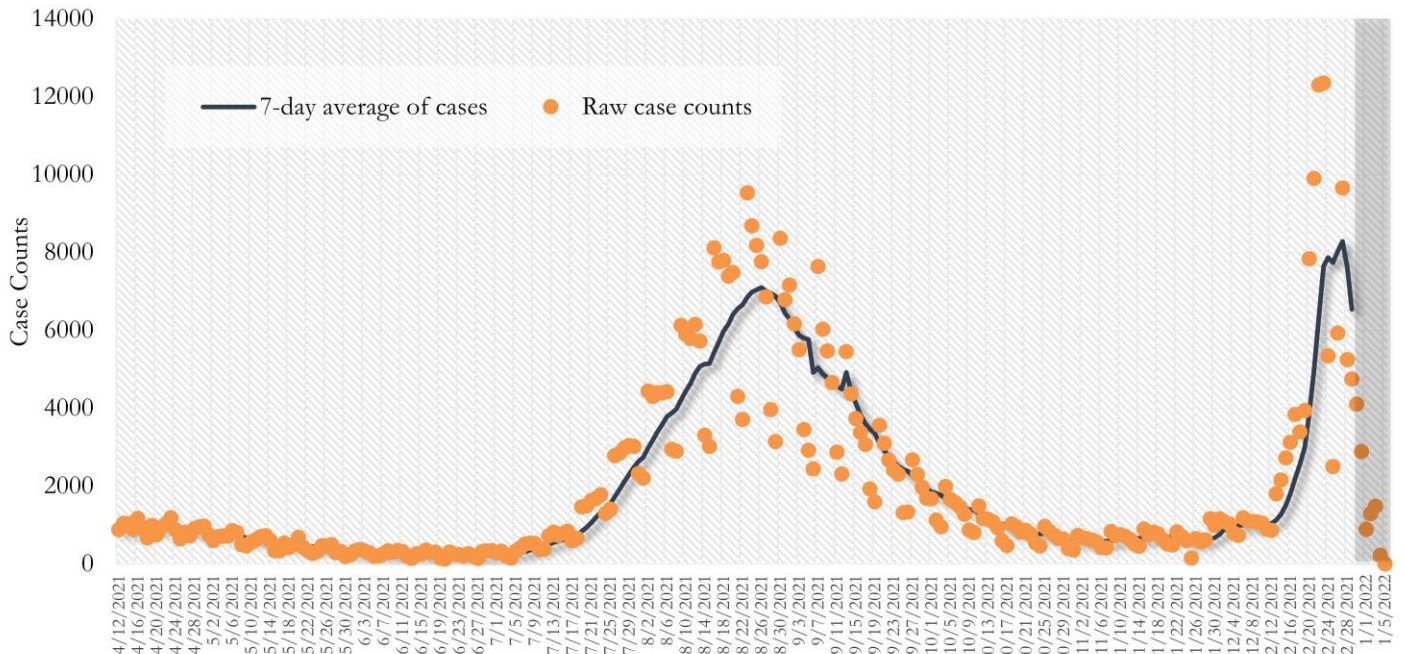
Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph above reflects the trend in COVID-19 diagnosis. Due to the high volume of testing in recent weeks, there have been delays in reporting lab results. Thus, the trend is subject to 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)
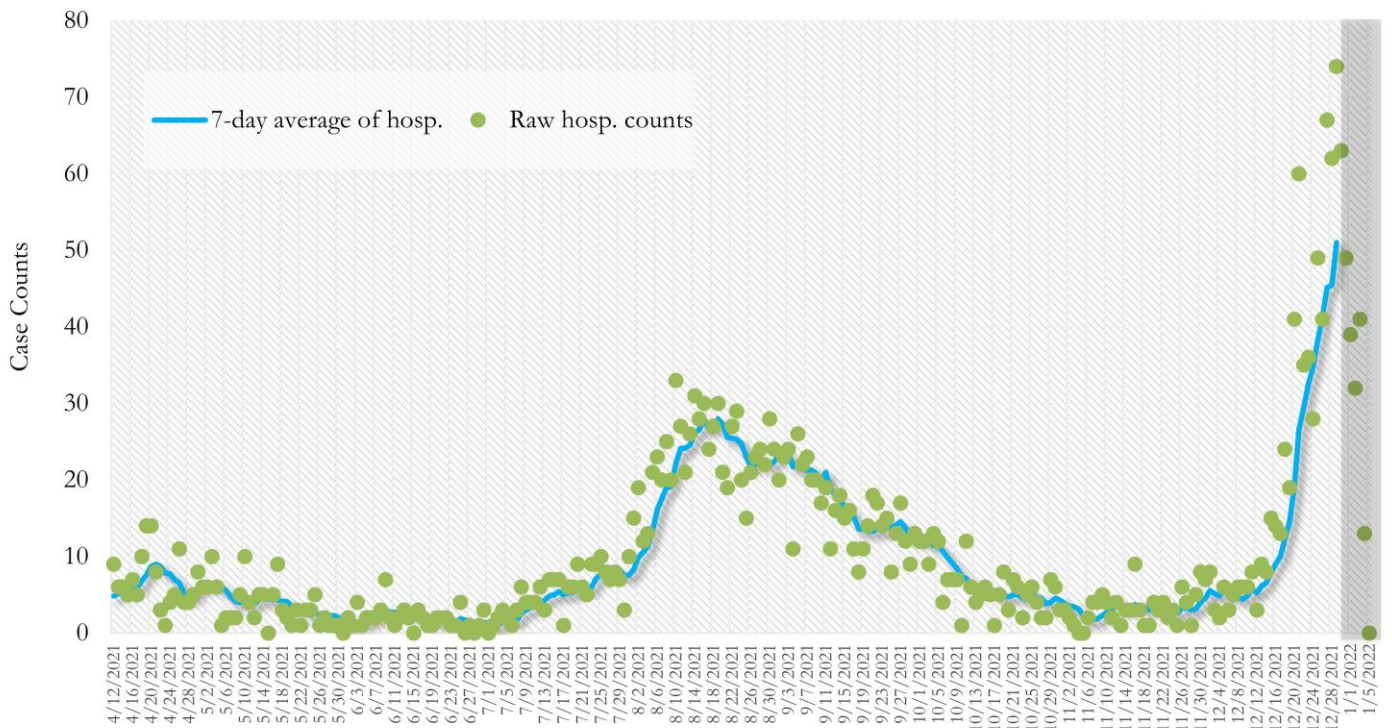
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the 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)
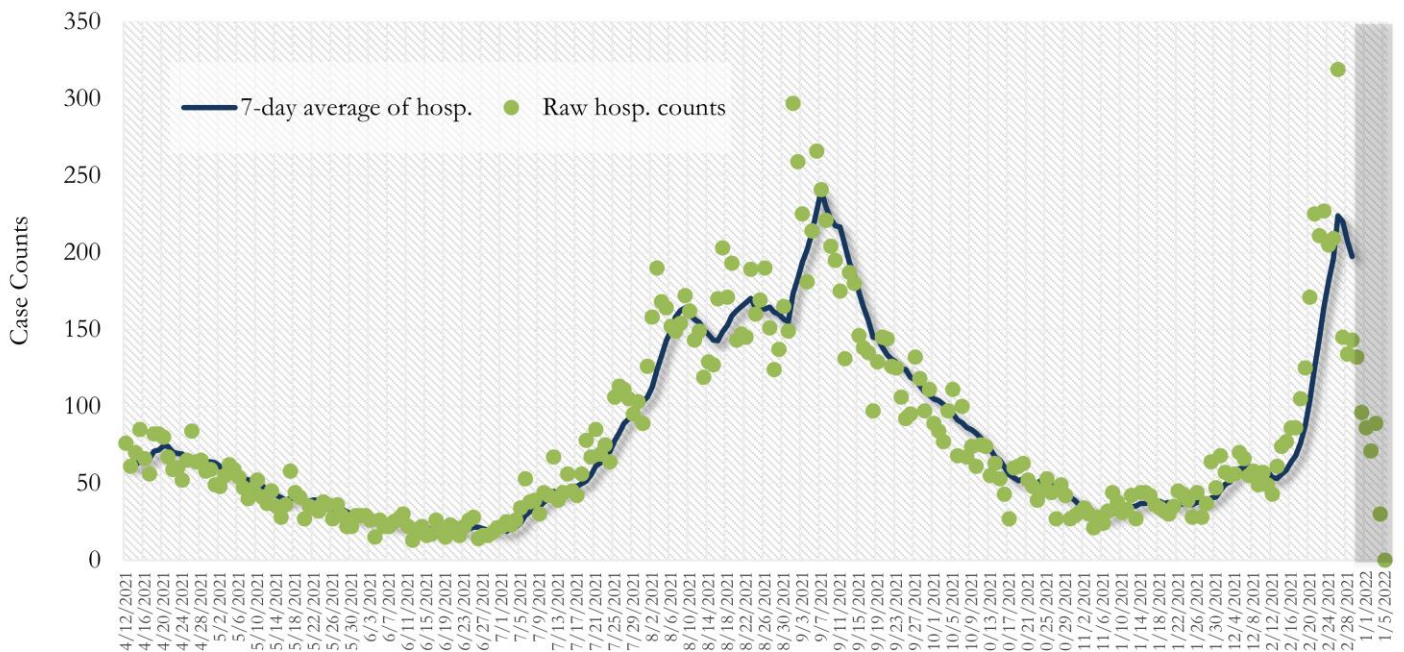
*Reported date of hospital admission used. Graph above reflects the trend in COVID-19 hospitalizations. Due to the high volume of new cases being added daily, there have been delays in reporting hospitalization data. Thus, the trend is likely to change as more hospitalization data is reported in the 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)
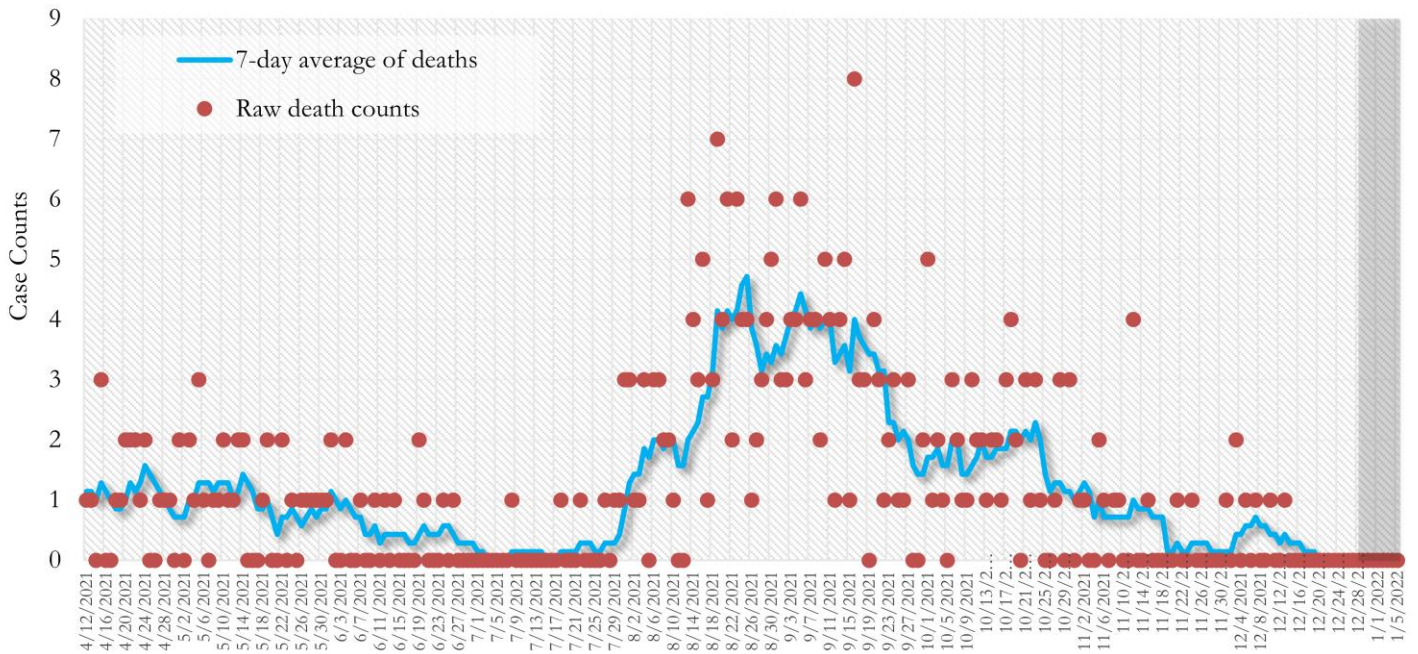
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

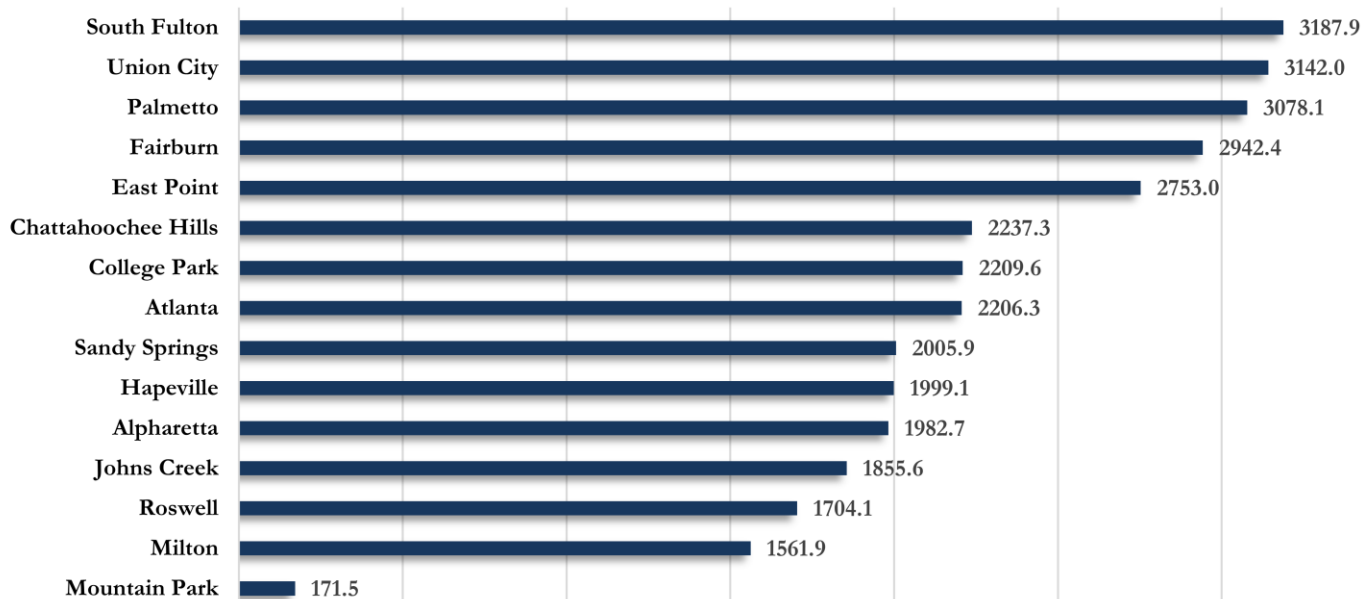## Fig. 7. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
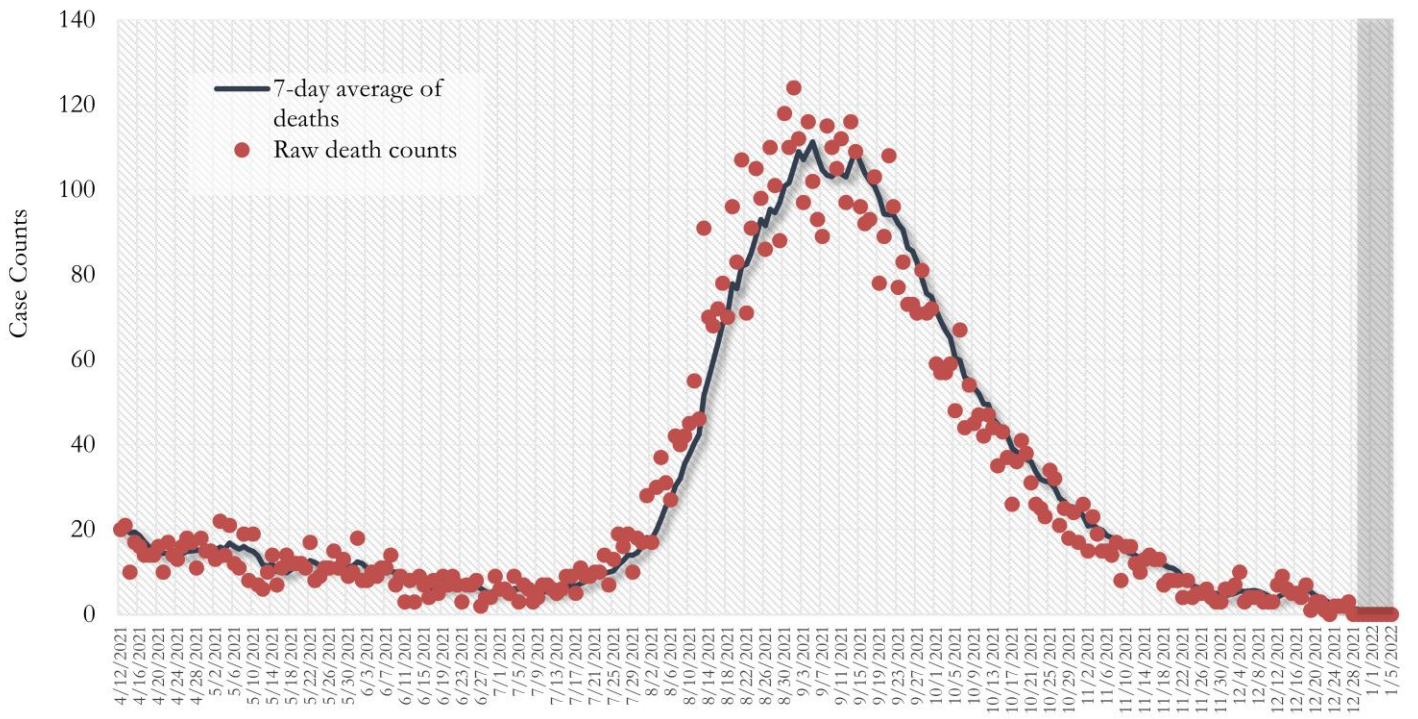
Reported date of death used. Graph above reflects the trend in deaths attributed to COVID-19. The trend is likely to change as more data on deaths among persons with COVID-19 is reported in the state surveillance database.

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]
	12/16-12/29	*12/2-12/15*		
Alpharetta	1305	116	↑ 1025.0%	1982.7
Atlanta	10119	1232	↑ 721.3%	2206.3
Chattahoochee Hills	66	<10	↑ 3200.0%	2237.3
College Park	285	35	↑ 714.3%	2209.6
East Point	1056	100	↑ 956.0%	2753.0
Fairburn	485	46	↑ 954.3%	2942.4
Hapeville	131	11	↑ 1090.9%	1999.1
Johns Creek	1530	149	↑ 926.8%	1855.6
Milton	645	62	↑ 940.3%	1561.9
Mountain Park	<10	0	-	171.5
Palmetto	121	<10	↑ 1412.5%	3078.1
Roswell	1582	170	↑ 830.6%	1704.1
Sandy Springs	2168	200	↑ 984.0%	2005.9
South Fulton	3425	247	↑ 1286.6%	3187.9
Union City	843	55	↑ 1432.7%	3142.0
Unknown	820	67	-	-

[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.* <u>***Note:***</u> ***All data reported are preliminary and subject to change***.

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

City	Rate
South Fulton	3187.9
Union City	3142.0
Palmetto	3078.1
Fairburn	2942.4
East Point	2753.0
Chattahoochee Hills	2237.3
College Park	2209.6
Atlanta	2206.3
Sandy Springs	2005.9
Hapeville	1999.1
Alpharetta	1982.7
Johns Creek	1855.6
Roswell	1704.1
Milton	1561.9
Mountain Park	171.5

*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 16 – December 29, 2021) in Fulton County

Cases per Square Mile
- ≤ 6
- ≤ 19
- ≤ 33
- ≤ 46
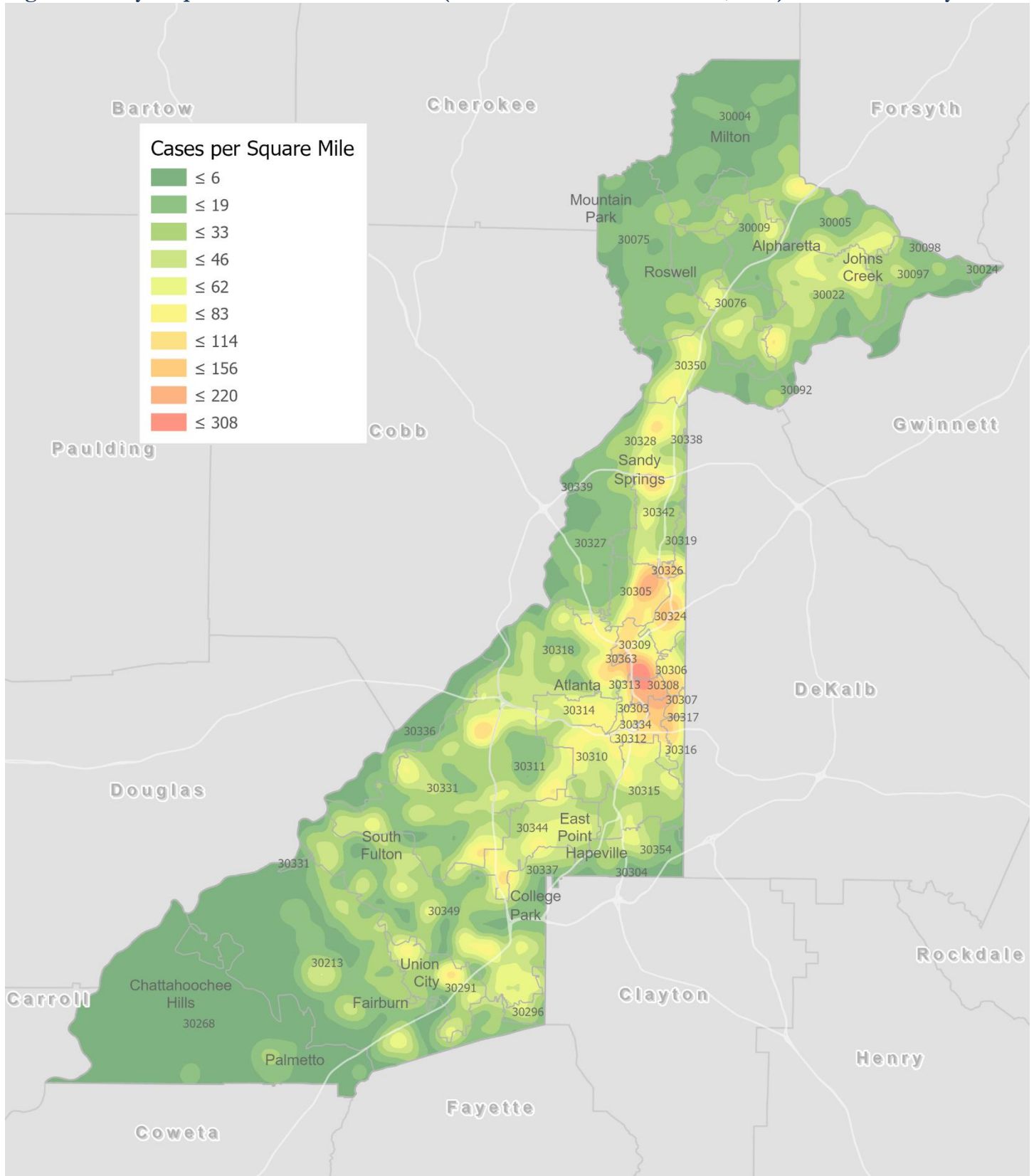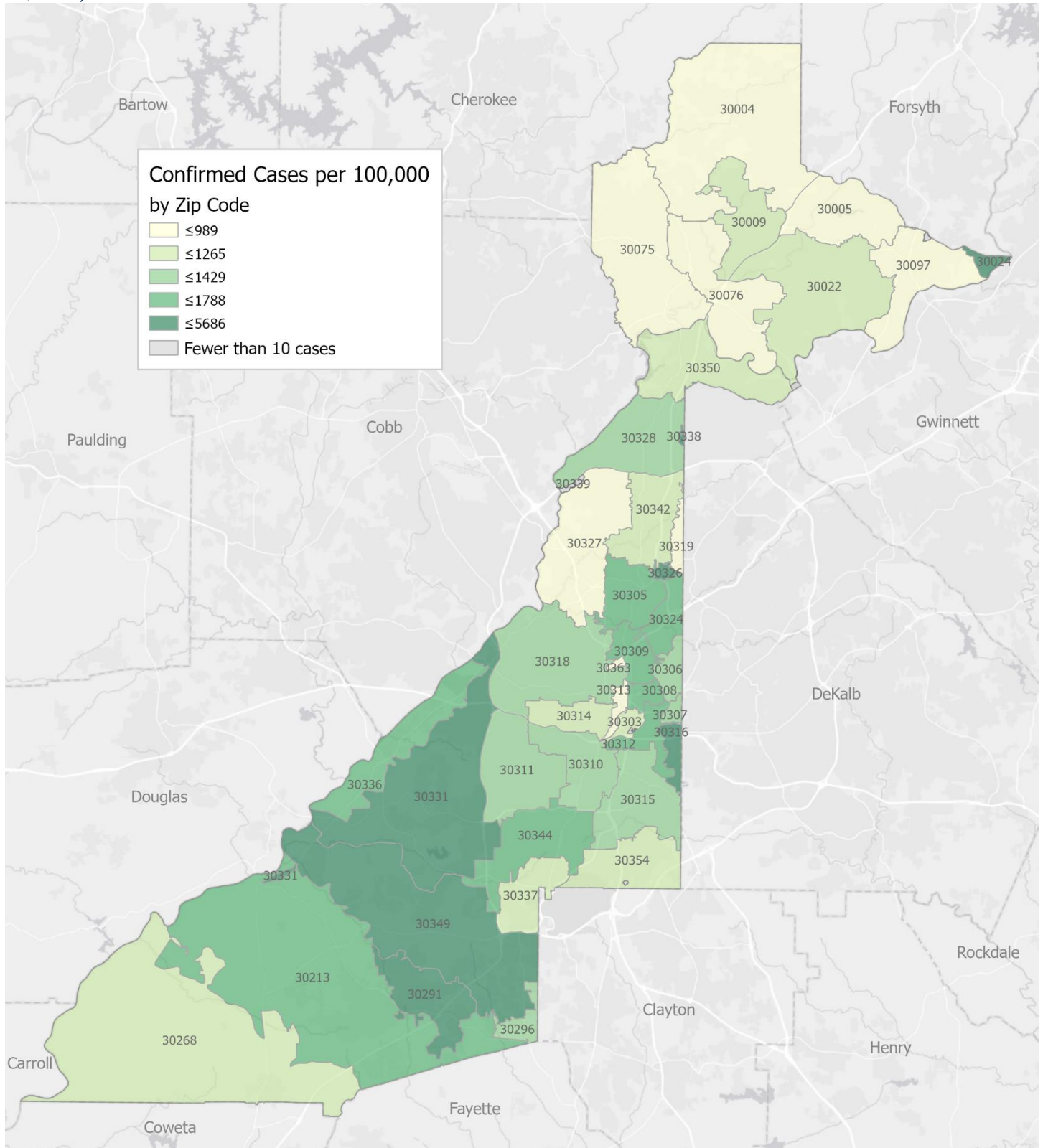- ≤ 62
- ≤ 83
- ≤ 114
- ≤ 156
- ≤ 220
- ≤ 308

Fig. 10. New COVID-19 Diagnoses Rates (per 100,000 population) by Zip Code (December 16 – December 29, 2021)

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 *(12/16–12/29)*	Previous 14-day reporting period *(12/2–12/15)*	% Change between reporting periods[2]
All Fulton	**22950**	**2116**	↑ **984.6%**
30004	793	75	↑ 957.3%
30005	614	67	↑ 816.4%
30009	336	25	↑ 1244.0%
30022	1332	143	↑ 831.5%
30024	28	<10	↑ 833.3%
30075	524	58	↑ 803.4%
30076	768	72	↑ 966.7%
30092	<10	0	↑ 1266.7%
30097	311	23	↑ 1252.2%
30098	0	0	-
30213	1204	83	↑ 1350.6%
30268	191	16	↑ 1093.8%
30291	724	56	↑ 1192.9%
30296	110	<10	↑ 2100.0%
30303	109	15	↑ 626.7%
30305	655	71	↑ 822.5%
30306	304	27	↑ 1025.9%
30307	156	18	↑ 766.7%
30308	458	40	↑ 1045.0%
30309	728	86	↑ 746.5%
30310	568	75	↑ 657.3%
30311	751	68	↑ 1004.4%
30312	598	81	↑ 638.3%
30313	175	22	↑ 695.5%
30314	392	37	↑ 959.5%
30315	692	75	↑ 822.7%
30316	294	39	↑ 653.8%
30317	<10	0	-
30318	1224	127	↑ 863.8%
30319	101	11	↑ 818.2%
30324	664	47	↑ 1312.8%
30326	205	15	↑ 1266.7%
30327	357	48	↑ 643.8%
30328	741	66	↑ 1022.7%
30331	1759	135	↑ 1203.0%
30334	<10	<10	-
30336	46	<10	↑ 2200.0%
30337	258	27	↑ 855.6%

Zip Code	Recent 14-day reporting period *(12/16–12/29)*	Previous 14-day reporting period *(12/2–12/15)*	% Change between reporting periods
30338	32	<10	↑ 3100.0%
30339	145	<10	↑ 1971.4%
30340	0	0	-
30341	<10	0	-
30342	635	61	↑ 941.0%
30344	912	76	↑ 1100.0%
30349	1818	110	↑ 1552.7%
30350	673	49	↑ 1273.5%
30354	309	24	↑ 1187.5%
30358	<10	<10	-
30363	86	<10	↑ 855.6%
30606	0	0	-
31131	0	0	-
31150	0	0	-
Unknown	139	18	-

[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

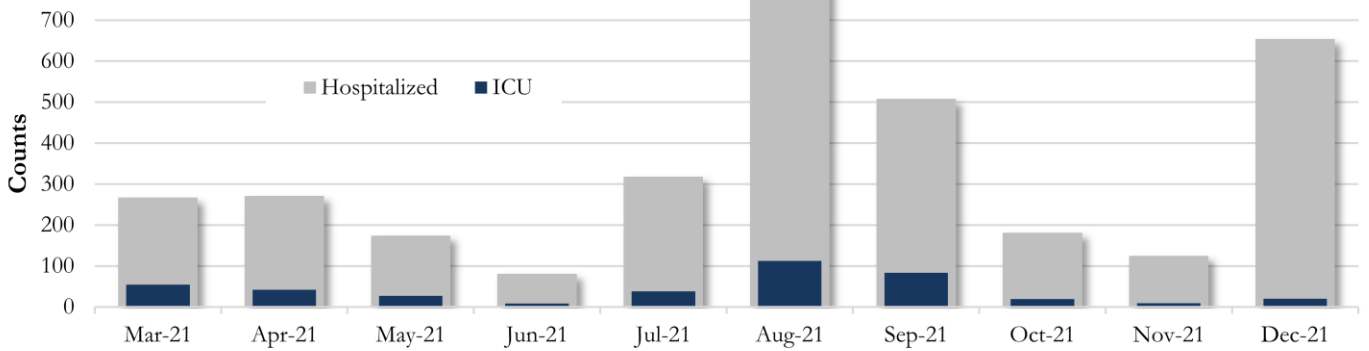**Fig. 11. Fulton County Covid-19 Cases Hospitalized and Admitted to ICU by Month**
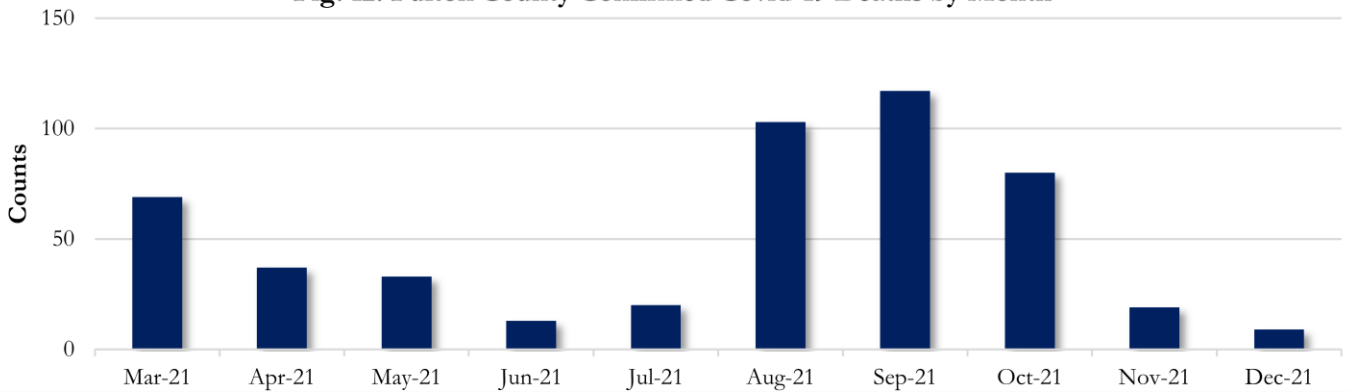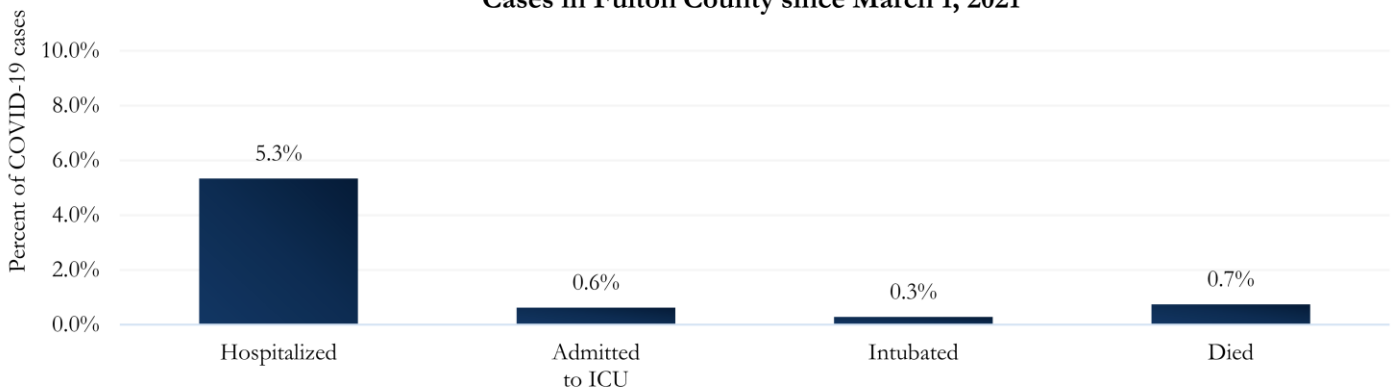

Fig. 12. Fulton County Confirmed Covid-19 Deaths by Month


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)
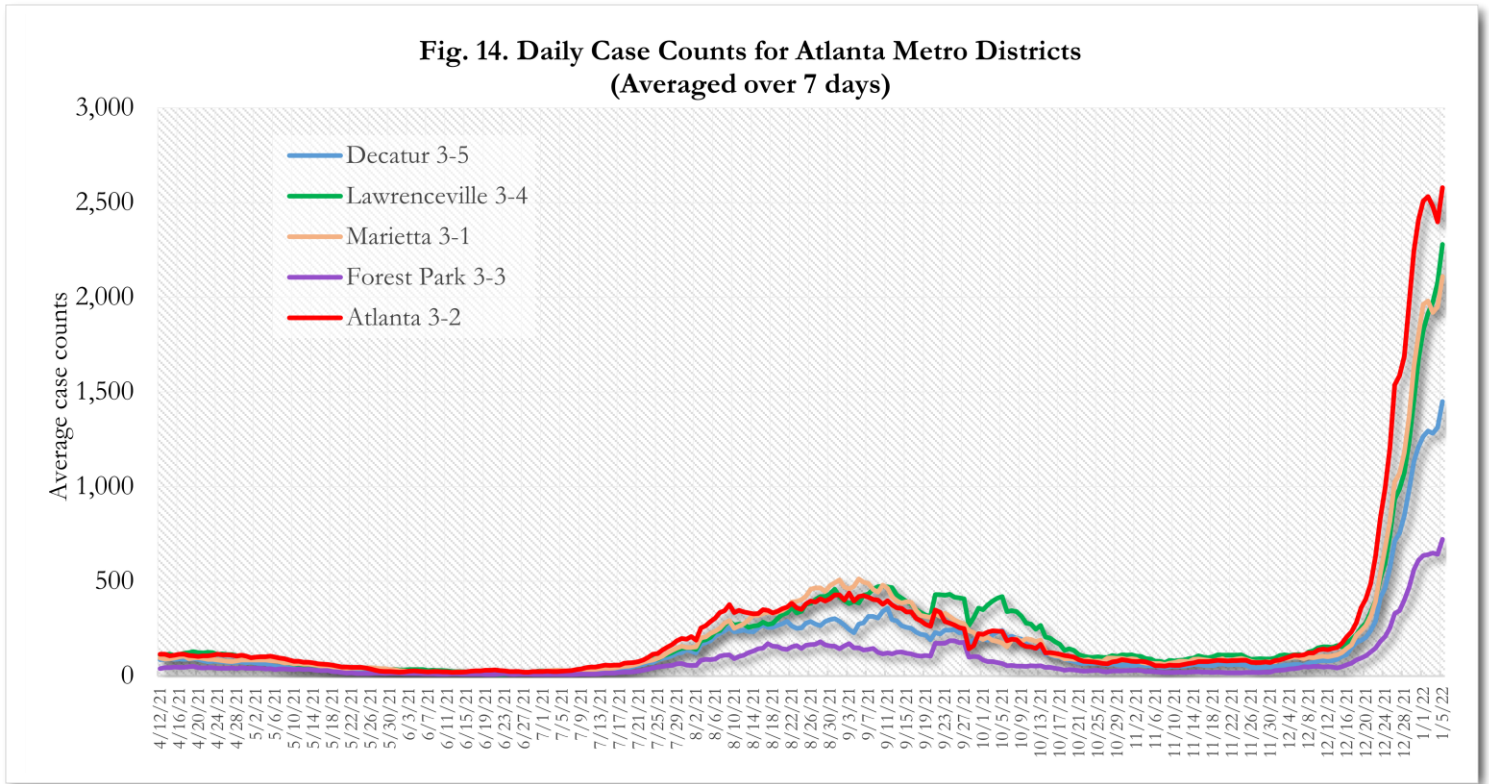
This figure uses date of report as provided from DPH.

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 2 – December 29, 2021

	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	**145768**		**25066**		**1736**		**8**	
Female	78788	54.1%	14307	57.1%	832	47.9%	<10	50.0%
Male	66337	45.5%	10574	42.2%	904	52.1%	<10	50.0%
Unknown*	643	<1%	185	<1%	0	-	0	-
0-9	8350	5.7%	1624	6.5%	0	-	0	-
10-19	17308	11.9%	2879	11.5%	<10	<1%	0	-
20-29	31751	21.8%	5938	23.7%	<10	<1%	0	-
30-39	28898	19.8%	5726	22.8%	50	2.9%	<10	12.5%
40-49	21964	15.1%	3848	15.4%	64	3.7%	0	-
50-59	18249	12.5%	2852	11.4%	188	10.8%	0	-
60-69	10456	7.2%	1333	5.3%	331	19.1%	<10	37.5%
≥70	8692	6.0%	848	3.4%	1096	63.1%	<10	50.0%
Unknown*	100	<1%	<10	<1%	0	-	0	-
Asian, NH	5750	3.9%	910	3.6%	25	1.4%	0	-
Black, NH	65870	45.2%	10853	43.3%	1107	63.8%	<10	50.0%
White, NH	42772	29.3%	4874	19.4%	520	30.0%	<10	25.0%
Hispanic, all races	13421	9.2%	1528	6.1%	74	4.3%	<10	12.5%
Other, NH	4371	3.0%	647	2.6%	10	<1%	<10	12.5%
Unknown*	13584	9.3%	6254	25.0%	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 1/5/2022

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 6, 2021 – January 2, 2022
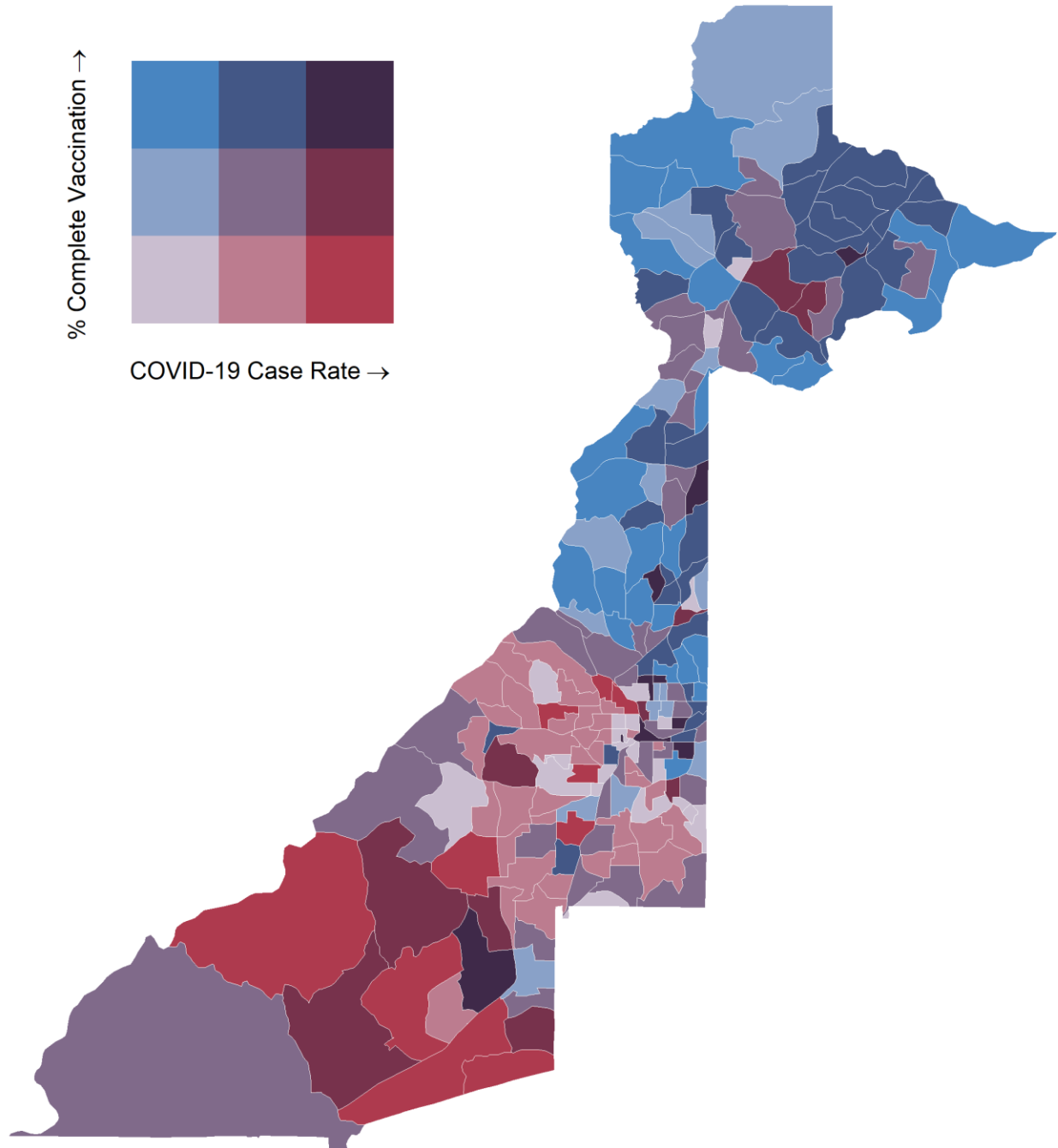
How to interpret these colors: *The darker the blue, the better. The upper most blue box indicates low COVID-19 case rates and high vaccination coverage. Red is not ideal as red indicates high COVID-19 case rates and low vaccination coverage. Colors in between indicate varying combinations of COVID-19 case rates and vaccination coverage. COVID-19 case rate reflects new COVID-19 cases diagnosed between December 6, 2021 and January 2, 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
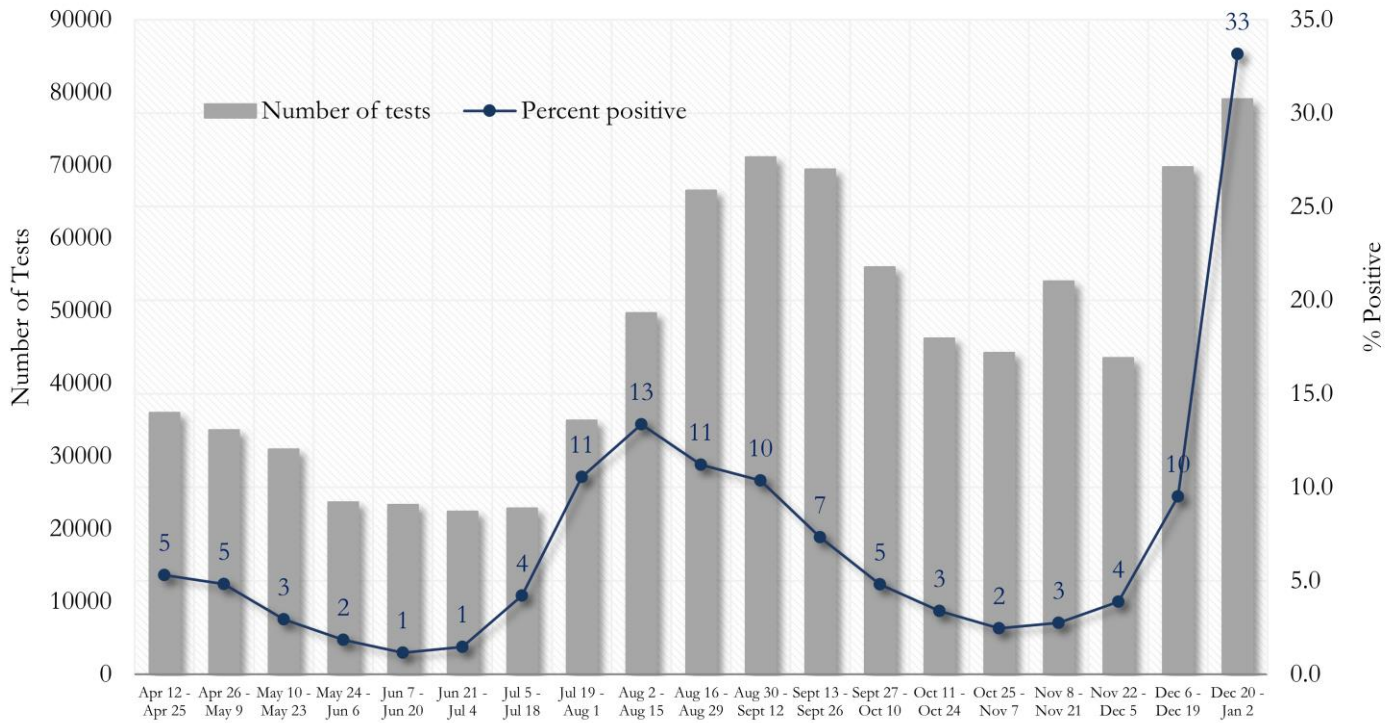
Data on Polymerase Chain Reaction (PCR) tests only included.

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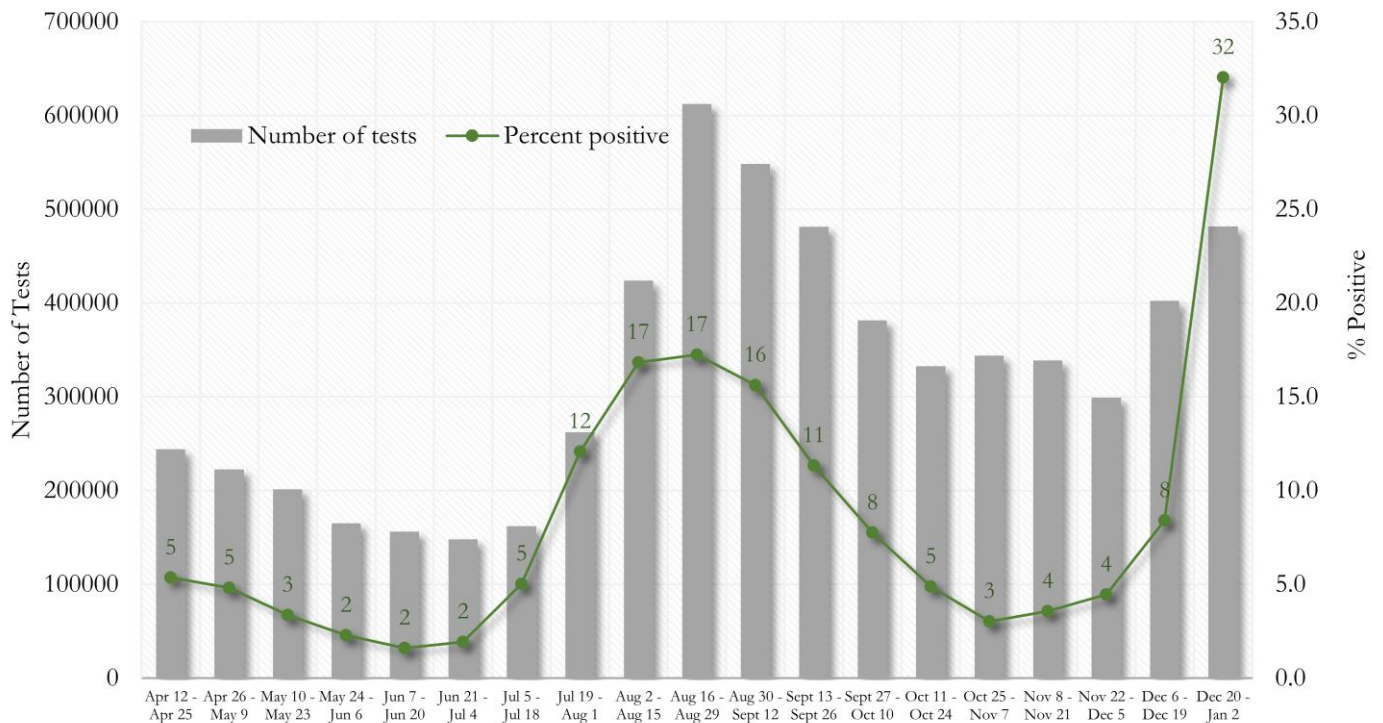
Data on Polymerase Chain Reaction (PCR) tests only included.

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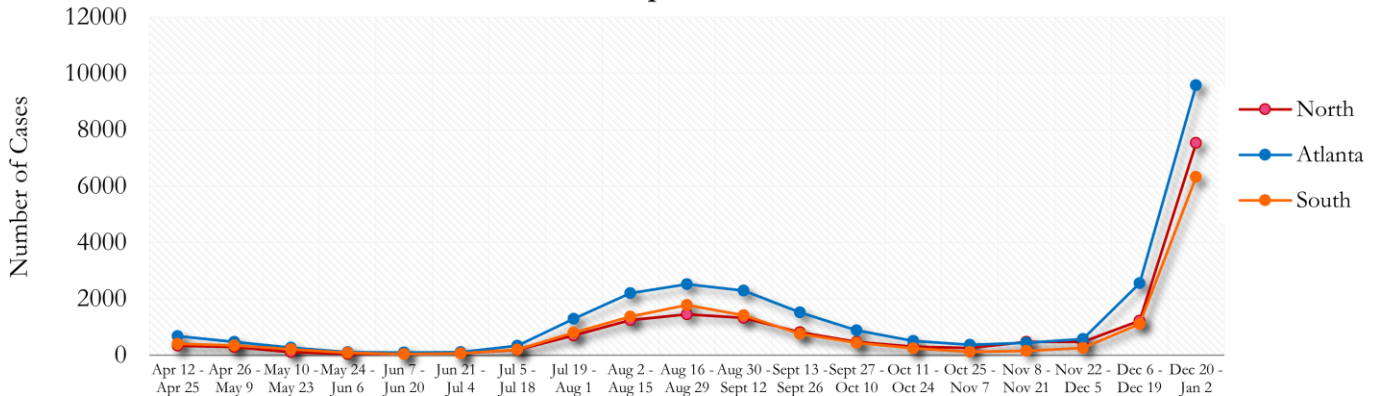
In the past two weeks, Atlanta accounted for the majority of new cases.
*North -Includes all Fulton cities north of Atlanta (Alpharetta, Johns Creek, Milton, Mountain Park, Roswell, Sandy Springs)
*South - Includes all Fulton cities south of Atlanta (Chattahoochee Hills, College Park, East Point, Fairburn,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

Fig. 19. Trends in Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
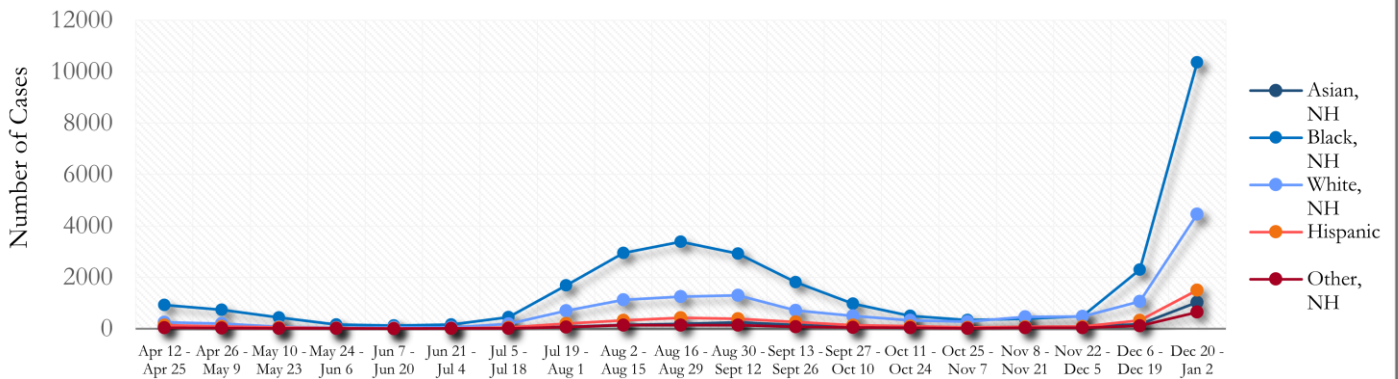
Fig. 20. Racial Distribution of Covid-19 Cases in Fulton County by 14-day periods
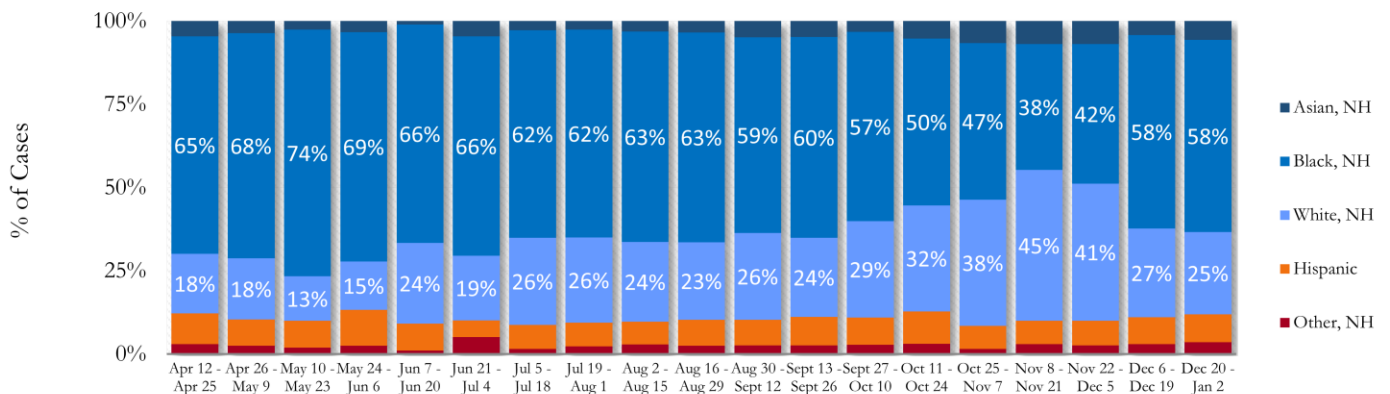
About 9% of all Fulton County COVID cases are missing data on patient race and ethnicity and in the past two weeks, about 26% of cases are missing this data. Percentages do not include the missing data and thus are subject to change as data are cleaned.

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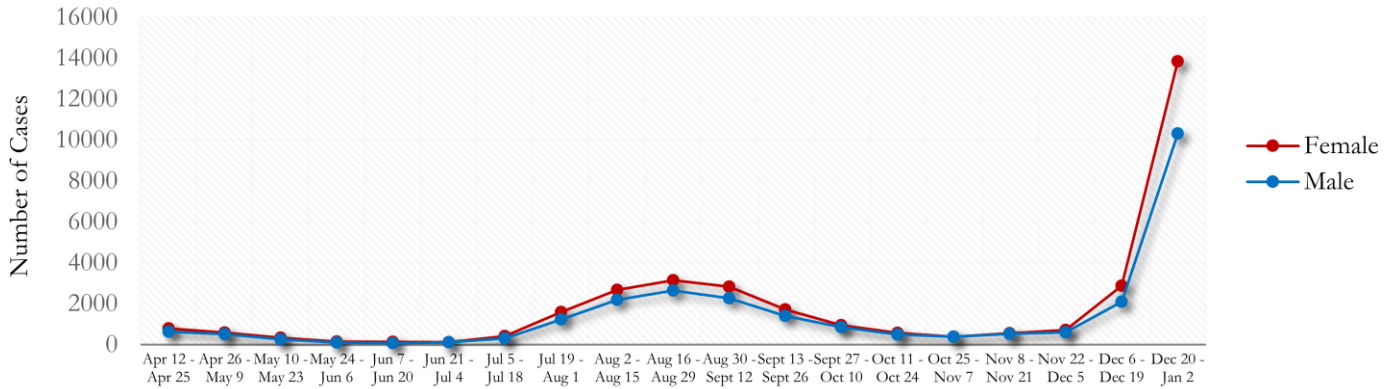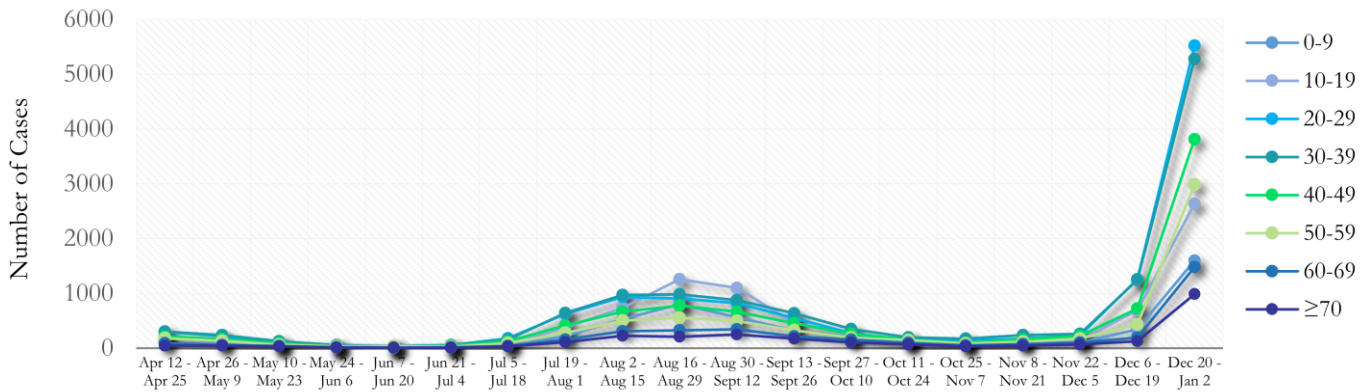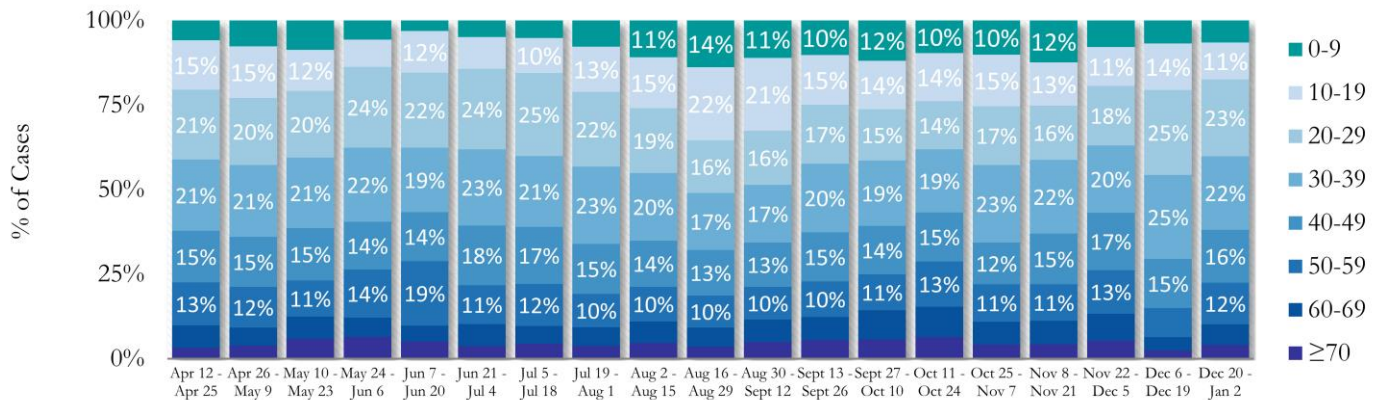

Fig. 22. Trends in Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

In the most recent two weeks, 20-29 year olds and 30-39 year olds accounted for the majority of new cases.
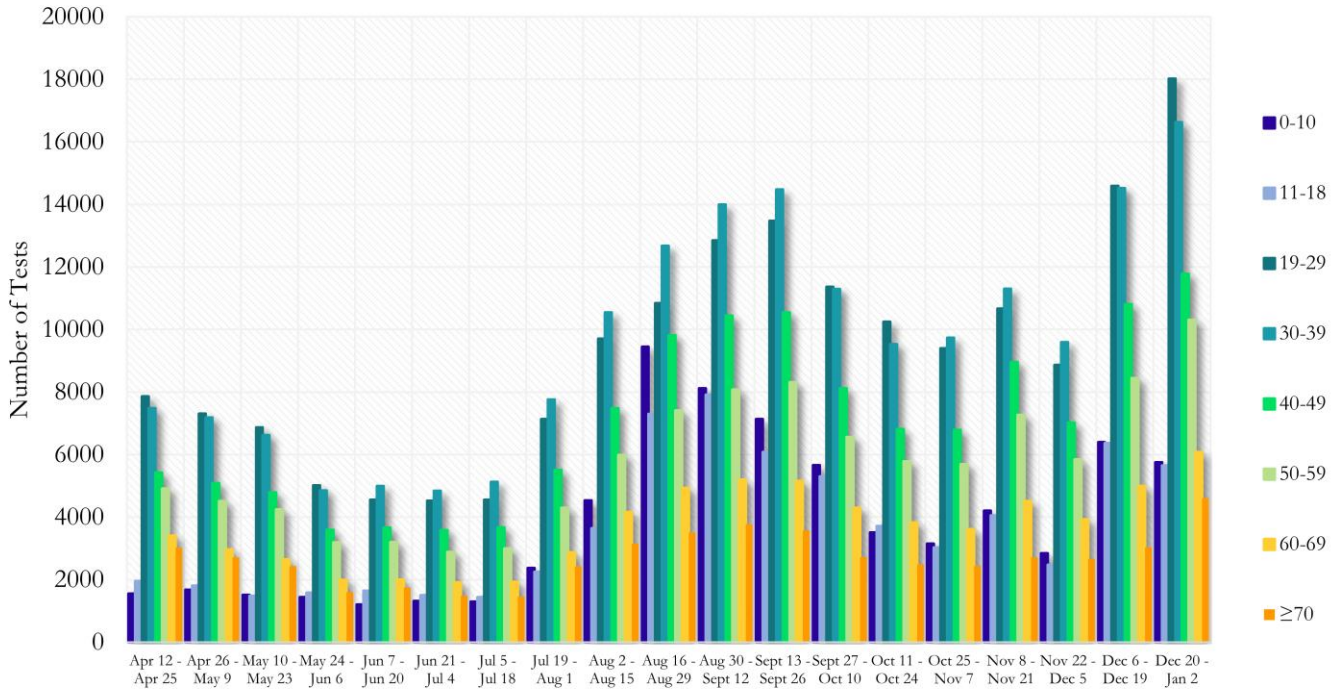
Fig. 23. Age Distribution of Covid-19 Cases in Fulton County by 14-day periods

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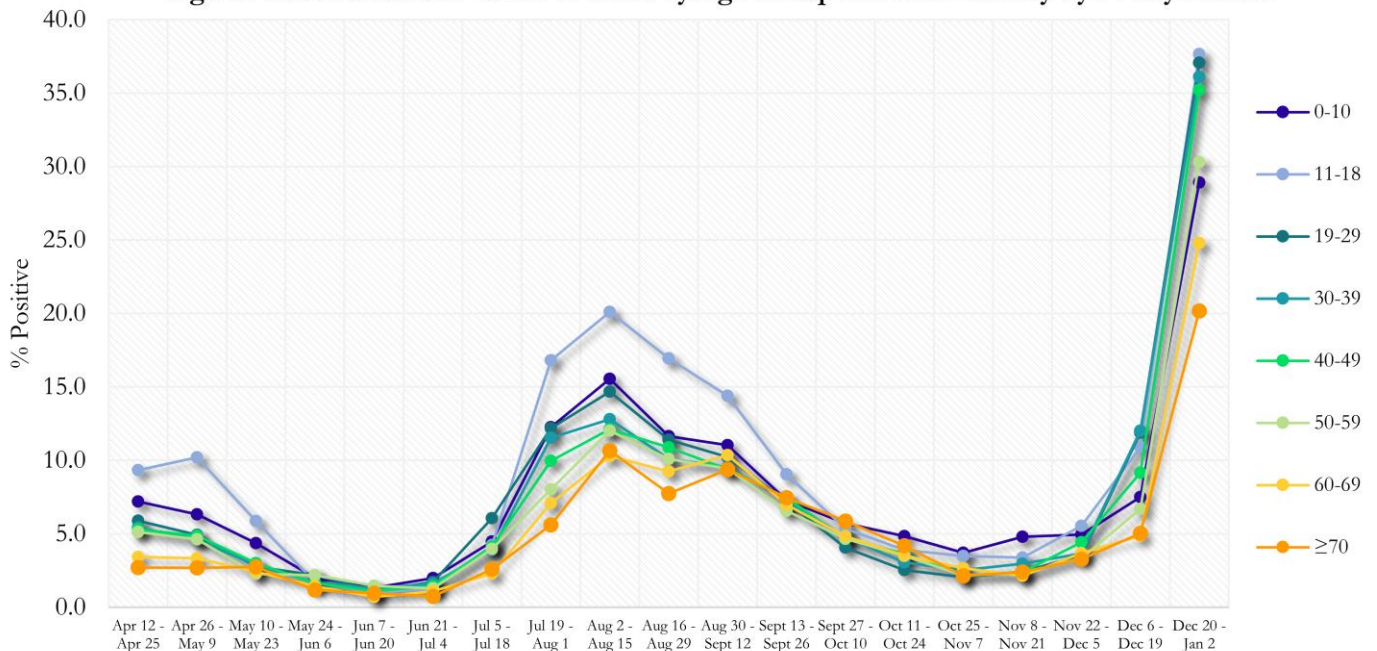
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY BY AGE AND RACE

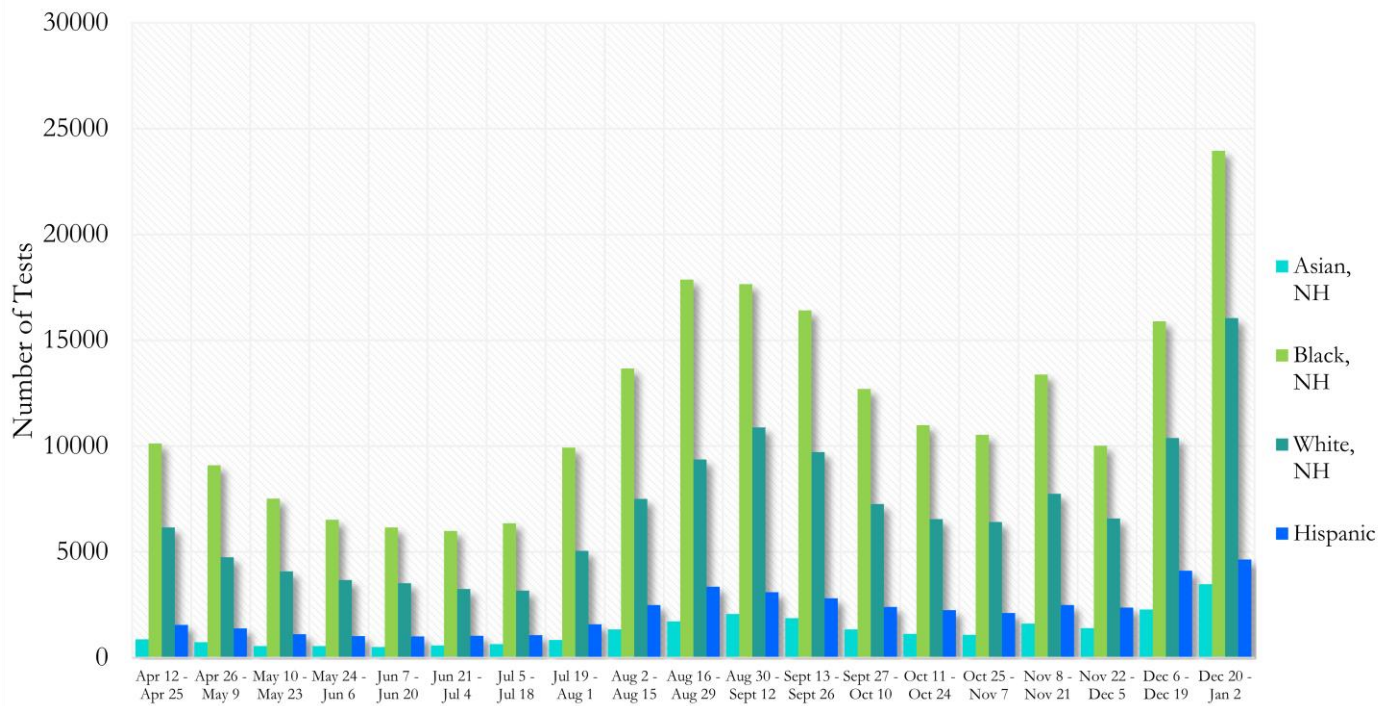### Fig. 24. Covid-19 Tests by Age in Fulton County by 14-day Periods

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
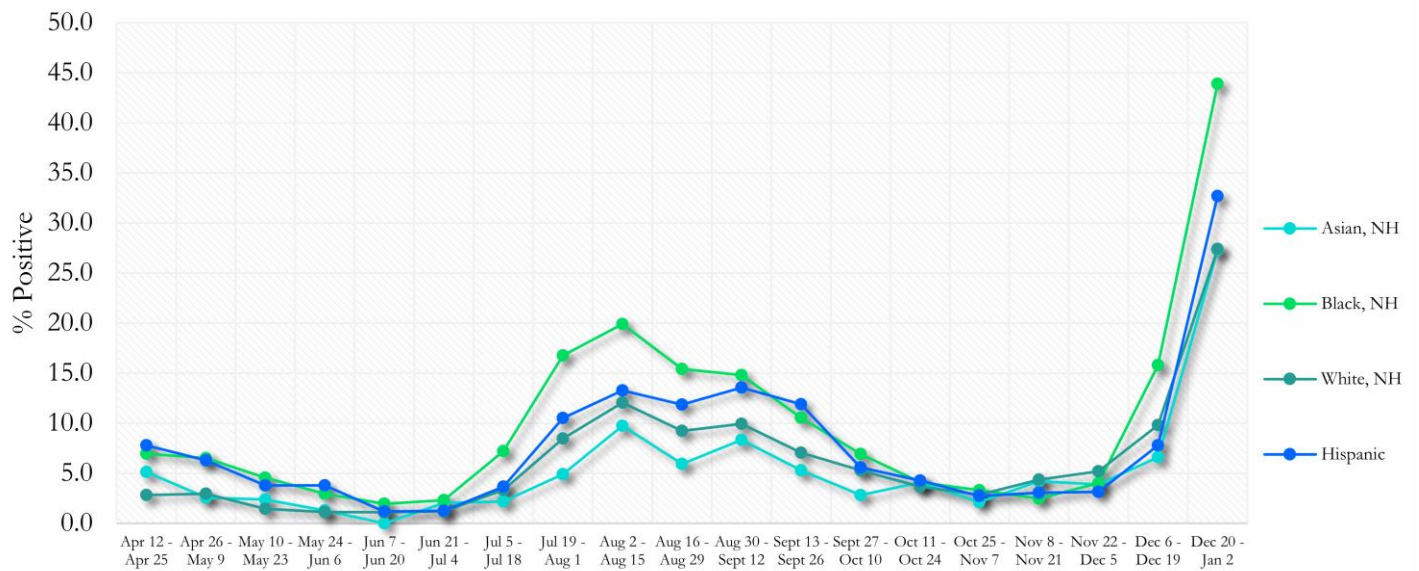

Data on Polymerase Chain Reaction (PCR) tests only included.

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
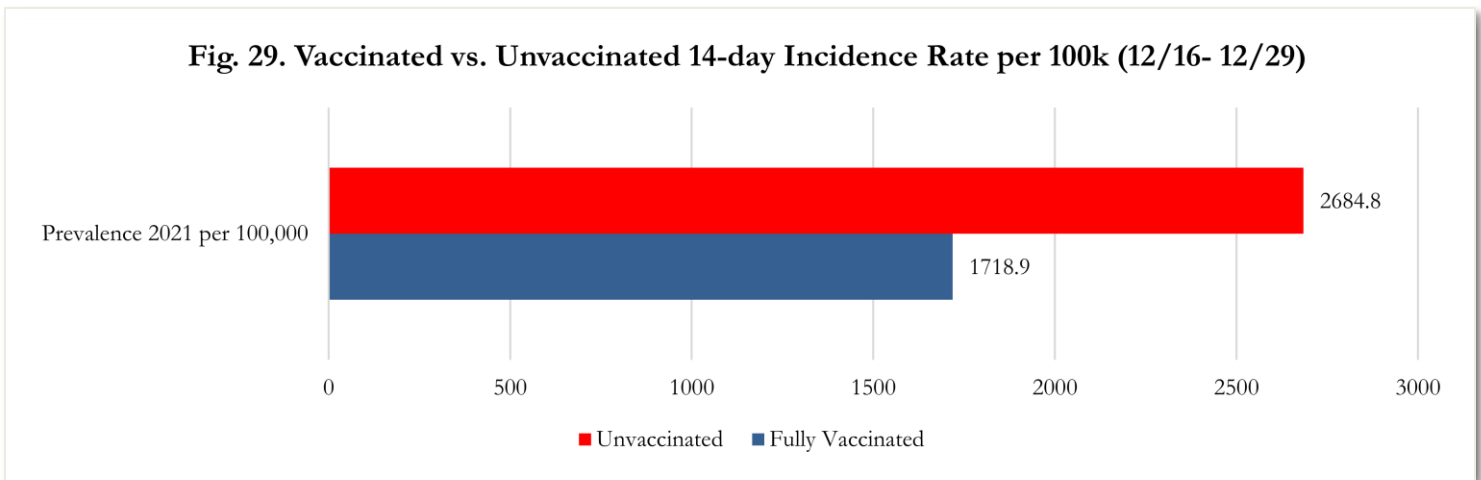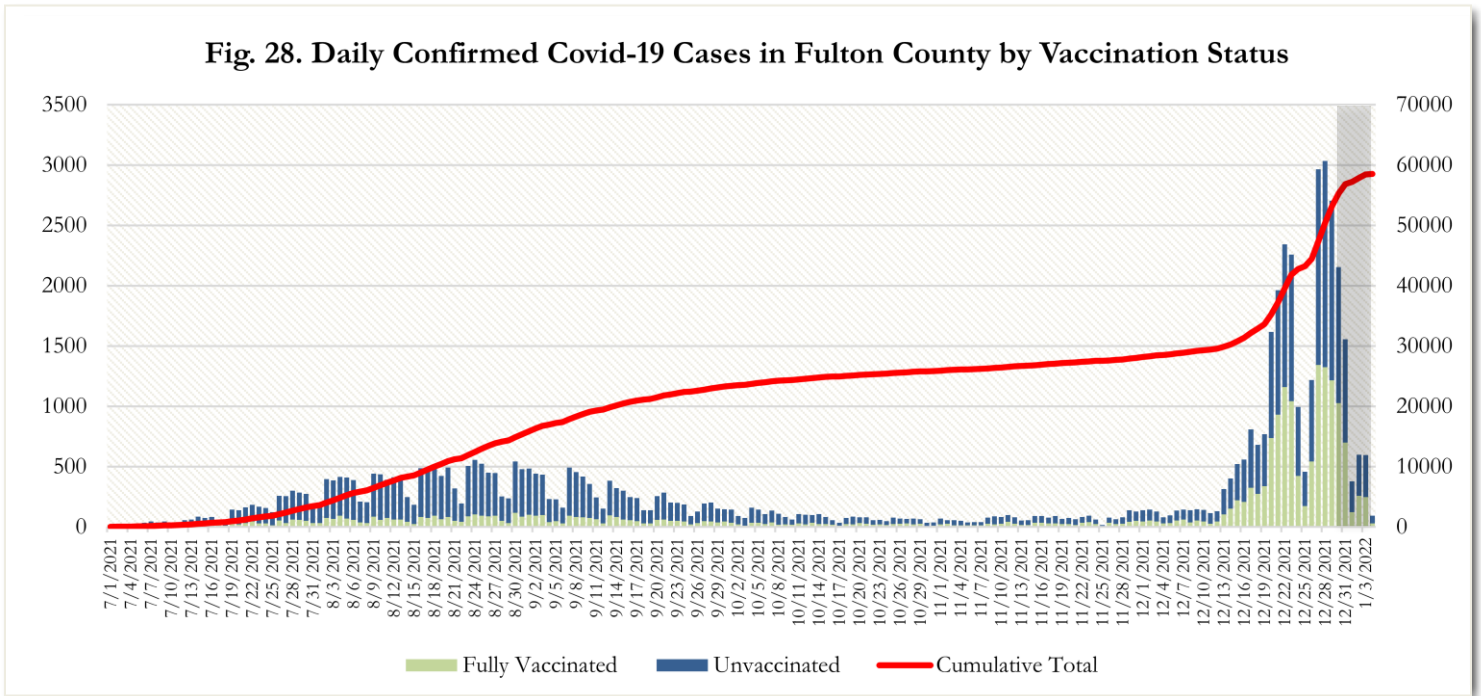

Data on Polymerase Chain Reaction (PCR) tests only included.

FULTON COUNTY VACCINATION CASE DATA

There are currently **596,247 fully vaccinated residents** in Fulton County, of which **3% have been a confirmed case of Covid-19 since 12/31/20.** Of the **470,463 partially vaccinated or unvaccinated** Fulton County residents, **15% have been a confirmed case of Covid-19 since 12/31/20.**

Since July 1, 2021, Fulton County has reported **58,519 new confirmed Covid-19 cases**. **67%** (39,244) of these new cases occurred in **unvaccinated individuals. 33%** (19,275) of these new cases occurred in **fully vaccinated individuals.**

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

Fig. 29. Vaccinated vs. Unvaccinated 14-day Incidence Rate per 100k (12/16- 12/29)

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

7%

93%

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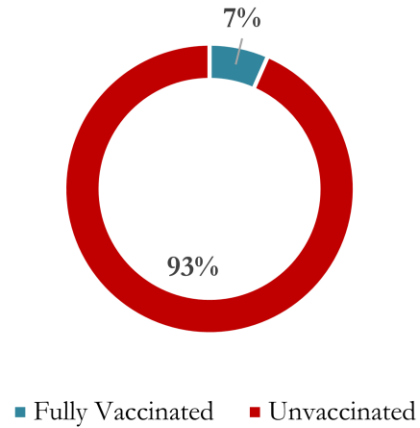
In accordance with DPH, data is displayed as confirmed **cases hospitalized "for any reason" and tested positive for Covid-19.** They were not necessarily hospitalized due to Covid-19.

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

4%

96%

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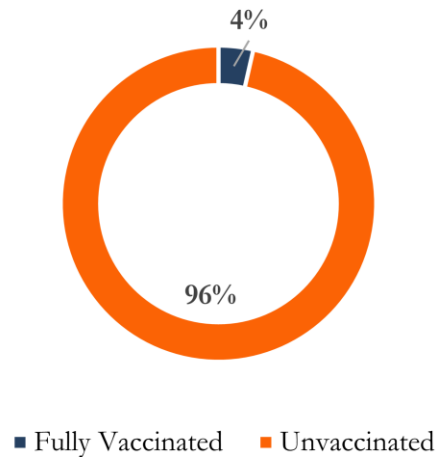
Of the **4%** of deaths that occurred in vaccinated individuals, **95% were over the age of 60.** Of that, **85% were over the age of 70.**

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