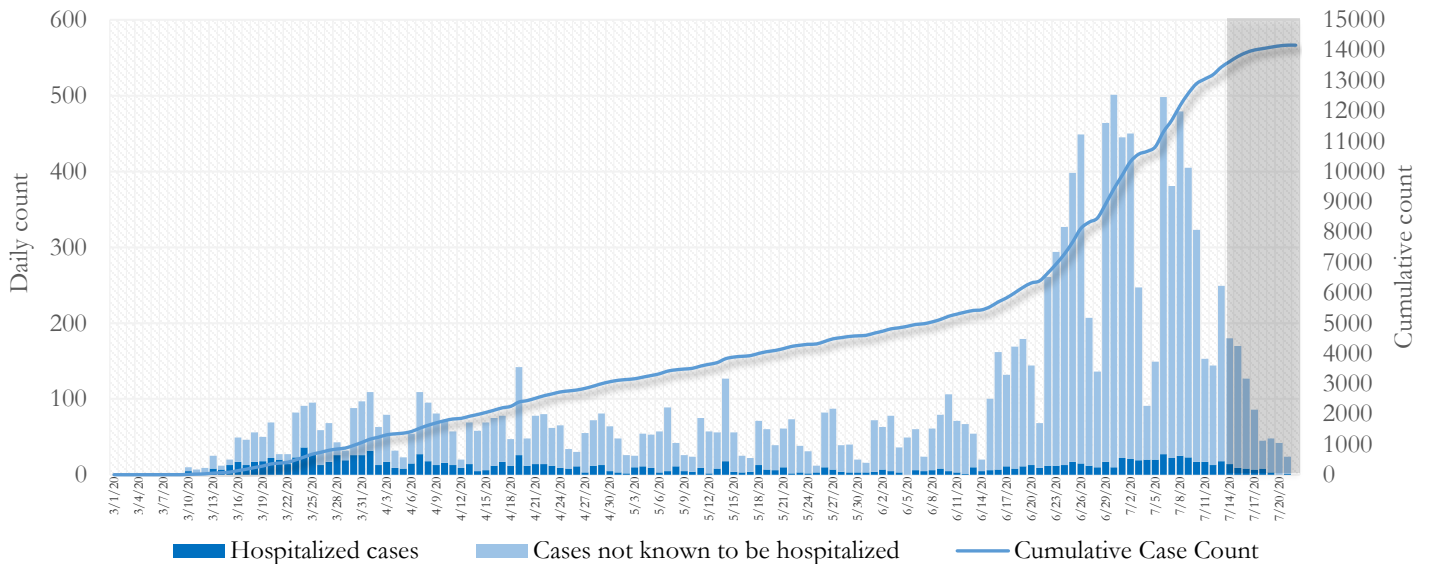


## SUMMARY

- As of July 22, 2020, Fulton County has recorded **14,164** cases of the 2019 novel coronavirus (COVID-19) and **351** deaths.
- Of 4,364 **new diagnoses** made between July 02 and July 15, the central portion of the county (Atlanta metro) accounted for 49% while the northern and southern parts accounted for 18% and 20% respectively.
- By city, **new** COVID-19 diagnoses rates range from 117.2 per 100,000 persons (Johns Creek) to 505.7 per 100,000 persons (South Fulton). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 1,331.3; Incident – 410.2]. See map showing incident case rate by ZIP code on Pg.4.
- Among all persons diagnosed with COVID-19 in Fulton County, 10.7% required hospitalization and 2.5% died.
- Residents and staff of long-term care facilities account for 10.6% of COVID-19 diagnoses and 54.6% of COVID-19 deaths in Fulton County.

**Fig 1. Daily and Cumulative COVID-19 diagnoses in Fulton County, GA**



\*Counts shown reflect the number of confirmed cases as of 9:00am on 7/22/20 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. **Note:** All data reported are preliminary and subject to change. Delays in data reporting may cause changes in data counts, particularly in the shaded portion.

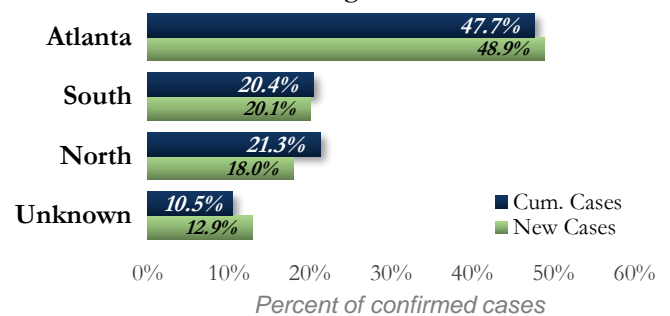
## DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

**New cases:** 49% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 18% and 20% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	47.7%	48.9%
North <sup>1</sup>	21.3%	18.0%
South <sup>2</sup>	20.4%	20.1%
Unincorporated/Unknown	10.5%	12.9%

<sup>1</sup>Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) | <sup>2</sup>Includes all cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, and Union City) \***New cases:** Cases diagnosed in the past 2 weeks only (between 7/02/20 – 7/15/20).

**Fig. 2. Distribution of COVID 19 cases by Region**

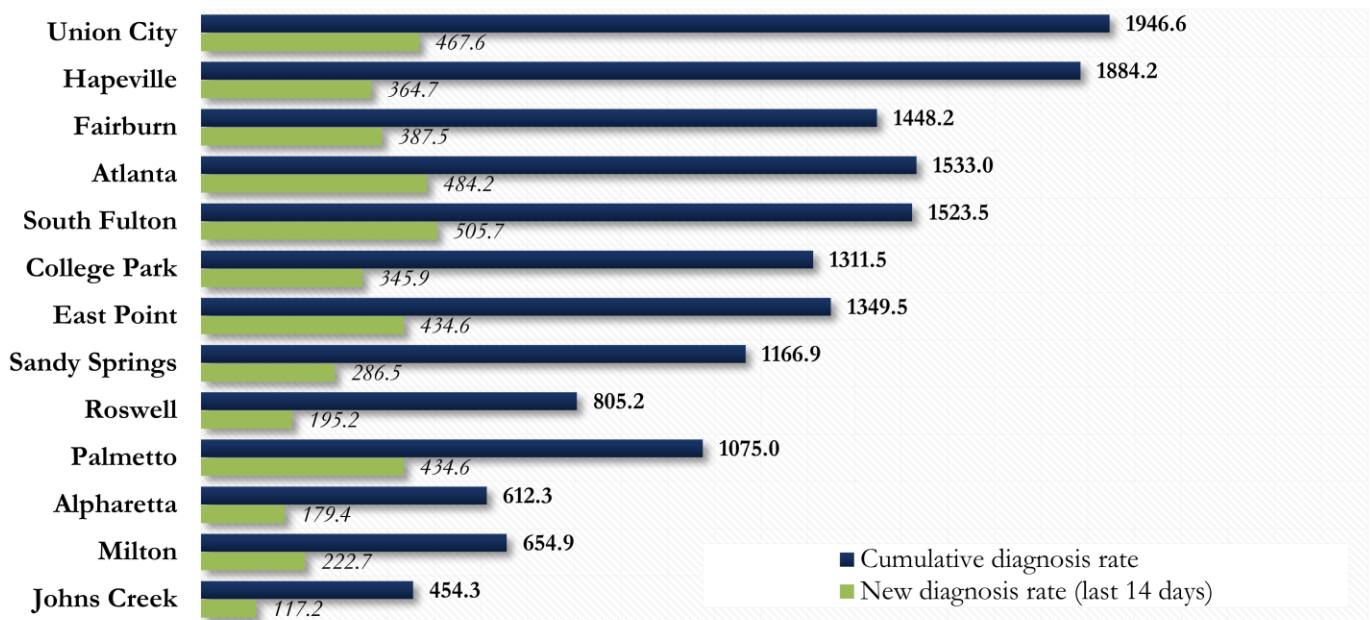


**COVID-19 CASE COUNTS AND RATES BY CITY**

	Prior (7/20/20)	Current Total (7/22/20)			New Cases (Period: 6/17/20 – 7/15/20) <sup>1</sup>			
	Count	Count	%	Cum. Rate <sup>2</sup>	Ist 14 d. (6/17-7/01)	Last 14 d. (7/02-7/15)	% change <sup>3</sup>	Rate <sup>4</sup> (Last 14 d.)
Atlanta	6376	6763	47.7%	1533.0	1886	2136	↑ 13.3%	484.2
South Fulton	1335	1449	10.2%	1523.5	357	481	↑ 34.7%	505.7
Sandy Springs	1182	1230	8.7%	1166.9	344	302	↓ 12.2%	286.5
Roswell	706	759	5.4%	805.2	197	184	↓ 6.6%	195.2
East Point	433	472	3.3%	1349.5	118	152	↑ 28.8%	434.6
Johns Creek	368	380	2.7%	454.3	118	98	↓ 16.9%	117.2
Union City	387	408	2.9%	1946.6	89	98	↑ 10.1%	467.6
Alpharetta	375	396	2.8%	612.3	122	116	↓ 4.9%	179.4
Milton	241	250	1.8%	654.9	68	85	↑ 25.0%	222.7
Fairburn	203	213	1.5%	1448.2	43	57	↑ 32.6%	387.5
College Park	174	182	1.3%	1311.5	33	48	↑ 45.5%	345.9
Palmetto	45	47	0.3%	1075.0	11	19	↑ 72.7%	434.6
Hapeville	120	124	0.9%	1884.2	23	24	↑ 4.3%	364.7
Mountain Park	0	0	0.0%	-	0	0	-	0.0
Unknown	1419	1491	10.5%	-	317	561	-	-

<sup>1</sup>**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. <sup>2</sup>**Cumulative diagnosis rate:** Population estimates from US Census Bureau used to calculate cumulative diagnoses rate. All rates shown are per 100,000 persons. <sup>3</sup>**Percent 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. Changes in cities with less than 10 cases in both 2 week intervals are not reported. <sup>4</sup>**Incidence Rate:** Rate of new diagnoses in the recent past 14 days. \*\*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 day’s count. 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. **Note:** Sharp increases in territorial COVID case counts often reflect new cases diagnosed at long term care facilities located in those territories during facility-wide /mass screening events **All data reported are preliminary and subject to change.**

**Fig. 3. Incident & Cumulative Diagnoses Rates for COVID-19 by City**



\*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 4. Density Map – New COVID 19 Diagnoses (Jul 02 – Jul 15, 2020) in Fulton County

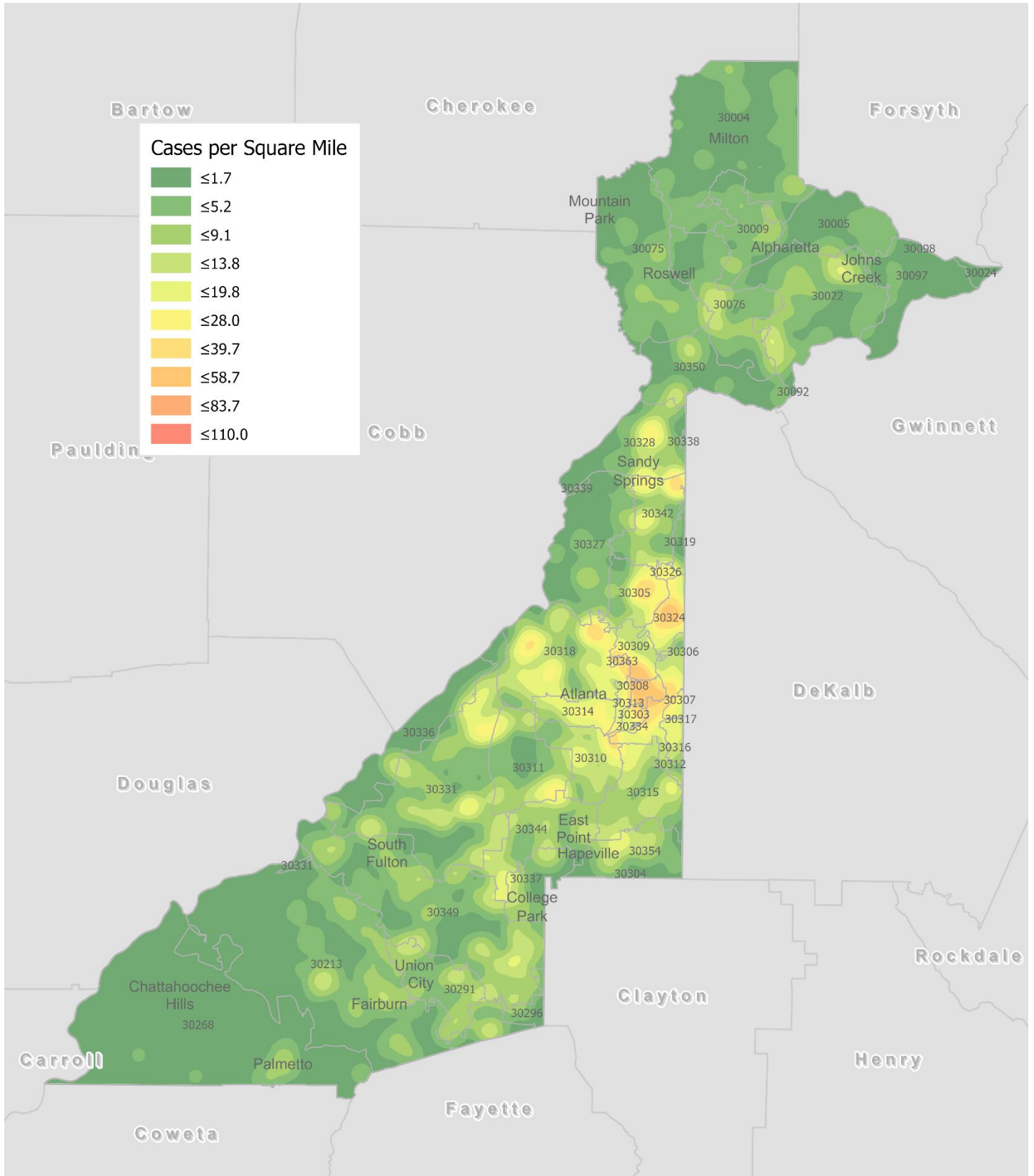
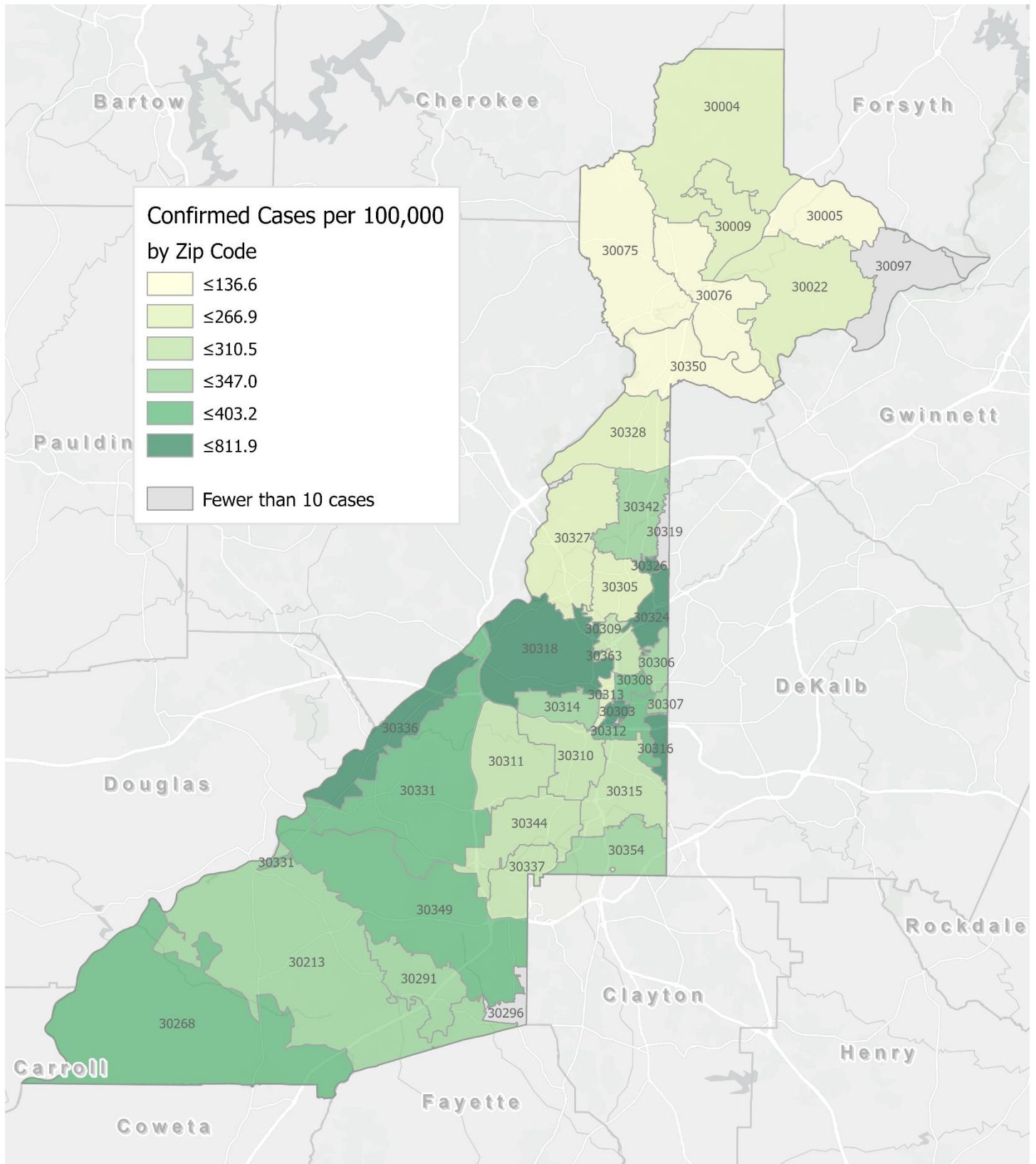


Fig. 5. New COVID-19 Diagnoses Rates by ZIP Code (Jul 02 – Jul 15, 2020)



\*Rates shown are per 1,000 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 Jul 2<sup>nd</sup> and Jul 15<sup>th</sup> 2020.



## COVID-19 CASE COUNTS BY ZIP CODE

	Prior (7/20/20)	Current Total (7/22/20)		New Cases (Period: 6/17/20 – 7/15/20) <sup>1</sup>		
	Count	Count	%	1st 14 days (Jun 17 – Jul 01)	Last 14 d. (Jul 02 – Jul 15)	% change <sup>2</sup>
<b>All Fulton</b>	13364	14164	100.0%	3729	4364	↑ 17.0%
30331	909	969	6.8%	218	306	↑ 40.4%
30318	873	909	6.4%	256	300	↑ 17.2%
30349	832	907	6.4%	234	338	↑ 44.4%
30213	510	541	3.8%	132	160	↑ 21.2%
30315	398	419	3.0%	95	133	↑ 40.0%
30344	388	423	3.0%	97	134	↑ 38.1%
30311	403	430	3.0%	116	130	↑ 12.1%
30342	607	632	4.5%	172	174	↑ 1.2%
30314	355	367	2.6%	57	85	↑ 49.1%
30310	415	440	3.1%	123	106	↓ 13.8%
30308	267	276	1.9%	92	94	↑ 2.2%
30022	404	429	3.0%	133	130	↓ 2.3%
30327	263	275	1.9%	103	55	↓ 46.6%
30004	353	369	2.6%	102	128	↑ 25.5%
30309	435	449	3.2%	161	132	↓ 18.0%
30076	302	328	2.3%	92	89	↓ 3.3%
30291	414	434	3.1%	88	95	↑ 8.0%
30350	260	270	1.9%	66	39	↓ 40.9%
30075	362	384	2.7%	90	87	↓ 3.3%
30328	360	377	2.7%	123	116	↓ 5.7%
30316	207	222	1.6%	47	100	↑ 112.8%
30312	491	514	3.6%	127	130	↑ 2.4%
30005	185	189	1.3%	71	51	↓ 28.2%
30305	416	437	3.1%	147	115	↓ 21.8%
30306	164	170	1.2%	47	67	↑ 42.6%
30324	522	540	3.8%	181	168	↓ 7.2%
30337	165	174	1.2%	26	47	↑ 80.8%
30009	145	157	1.1%	33	53	↑ 60.6%
30313	96	98	0.7%	21	30	↑ 42.9%
30326	117	122	0.9%	49	32	↓ 34.7%
30097	80	83	0.6%	20	13	↓ 35.0%
30354	229	238	1.7%	51	72	↑ 41.2%
30303	205	318	2.2%	32	240	↑ 650.0%
30339	157	155	1.1%	48	88	↑ 83.3%
30268	66	71	0.5%	13	35	↑ 169.2%
30307	85	93	0.7%	24	43	↑ 79.2%
30319	75	78	0.6%	32	<10	↓ 75.0%
30336	54	56	0.4%	12	15	↑ 25.0%
30296	19	22	0.2%	<10	<10	-
30363	36	40	0.3%	12	17	↑ 41.7%
30301	<10	<10	<0.1%	<10	<10	-
30345	25	25	0.2%	<10	<10	-
31131	<10	<10	<0.1%	<10	<10	-
30023	<10	<10	<0.1%	<10	<10	-
30080	<10	<10	<0.1%	0	0	-
30135	<10	<10	<0.1%	0	<10	-
30138	<10	<10	<0.1%	0	0	-
30139	-	-	-	0	0	-
30321	<10	<10	<0.1%	<10	<10	-

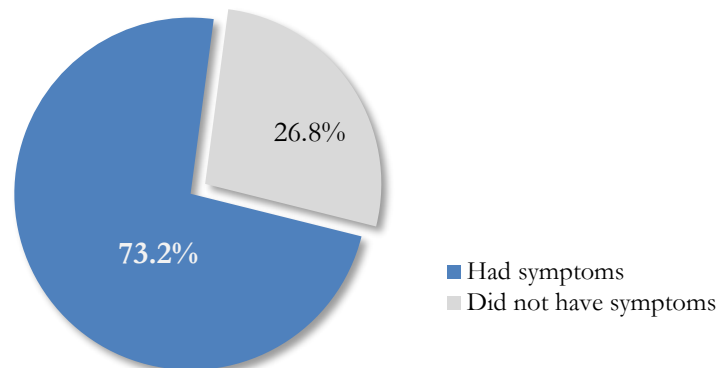
30340	24	24	0.2%	11	<10	↓ 90.9%
30341	24	25	0.2%	<10	<10	-
30358	<10	<10	<0.1%	0	0	-
30374	23	24	0.2%	<10	<10	-
30606	<10	<10	<0.1%	0	0	-
31150	<10	<10	<0.1%	0	0	-
30024	<10	<10	<0.1%	<10	<10	-
30098	-	-	-	0	0	-
30334	<10	10	<0.1%	<10	<10	-
30338	73	71	0.5%	17	44	↑ 158.8%
Unknown	524	539	3.8%	124	137	-

<sup>1</sup>**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. <sup>2</sup>**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\*\*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 day’s count. 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. **Note:** Sharp increases in territorial COVID case counts often reflect new cases diagnosed at long term care facilities located in those territories during facility-wide /mass screening events **All data reported are preliminary and subject to change.**

## REPORTING SYMPTOMS AMONG PERSONS DIAGNOSED WITH COVID-19 IN FULTON

People with COVID-19 have reported a wide range of symptoms ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. Symptoms reported include: cough, shortness of breath/difficulty breathing, fever, chills, repeated shaking with chills, muscle pain, headache, sore throat, new loss of taste or smell – Centers for Disease Control and Prevention (CDC)  
<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

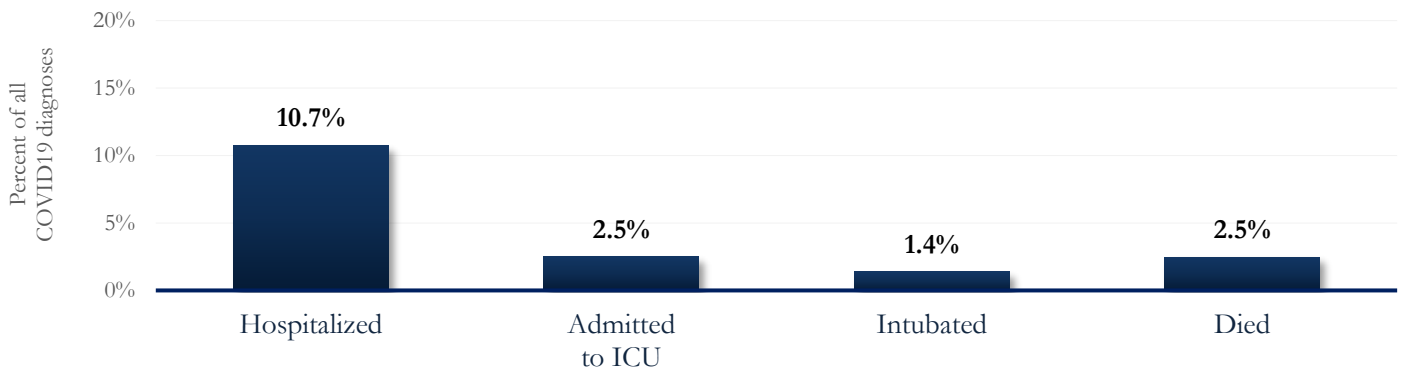
Fig. 6. Proportion Reporting Symptoms in Fulton County



\*\*\*COVID-19 cases who have been case interviewed or had medical charts reviewed as at 7/22/20 only\*\*\*

## COVID-19 HOSPITALIZATIONS, ICU ADMISSIONS AND DEATHS IN FULTON

Fig. 7. Hospitalizations, ICU Admissions and Deaths among COVID-19 Diagnoses in Fulton County



## DEMOGRAPHIC DISTRIBUTIONS – COVID 19 DIAGNOSES AND DEATHS IN FULTON

		COVID-19 Diagnoses (n=14,164)	COVID-19 Deaths (n=350)
		Count (%)	Count (%)
<b>Gender:</b>	Female	6802 (48.0%)	165 (47.1%)
	Male	6250 (44.1%)	185 (52.9%)
	Unknown/Missing	1112 (7.9%)	
<b>Age:</b>	0-9	278 (2.0%)	0
	10-19	895 (6.3%)	<10
	20-29	3519 (24.8%)	<10
	30-39	2878 (20.3%)	<10
	40-49	2087 (14.7%)	11 (3.1%)
	50-59	1773 (12.5%)	24 (6.9%)
	60-69	1247 (8.8%)	62 (17.7%)
	≥70	1450 (10.2%)	244 (69.7%)
	Unknown/Missing	37 (0.3%)	0
<b>Race:</b>	Asian, NH	190 (1.3%)	<10
	Black, NH	5215 (36.8%)	251 (71.7%)
	White, NH	2274 (16.1%)	77 (22.0%)
	Hispanic	1180 (8.3%)	11 (3.1%)
	Other, NH	409 (2.9%)	<10
	Unknown/Missing	4896 (34.6%)	<10

*Note: All data reported are preliminary and subject to change.*

## COVID-19 CASE TRENDS

**Fig. 8. Daily Case Counts for Atlanta Metro Districts (Averaged over 7 days)**

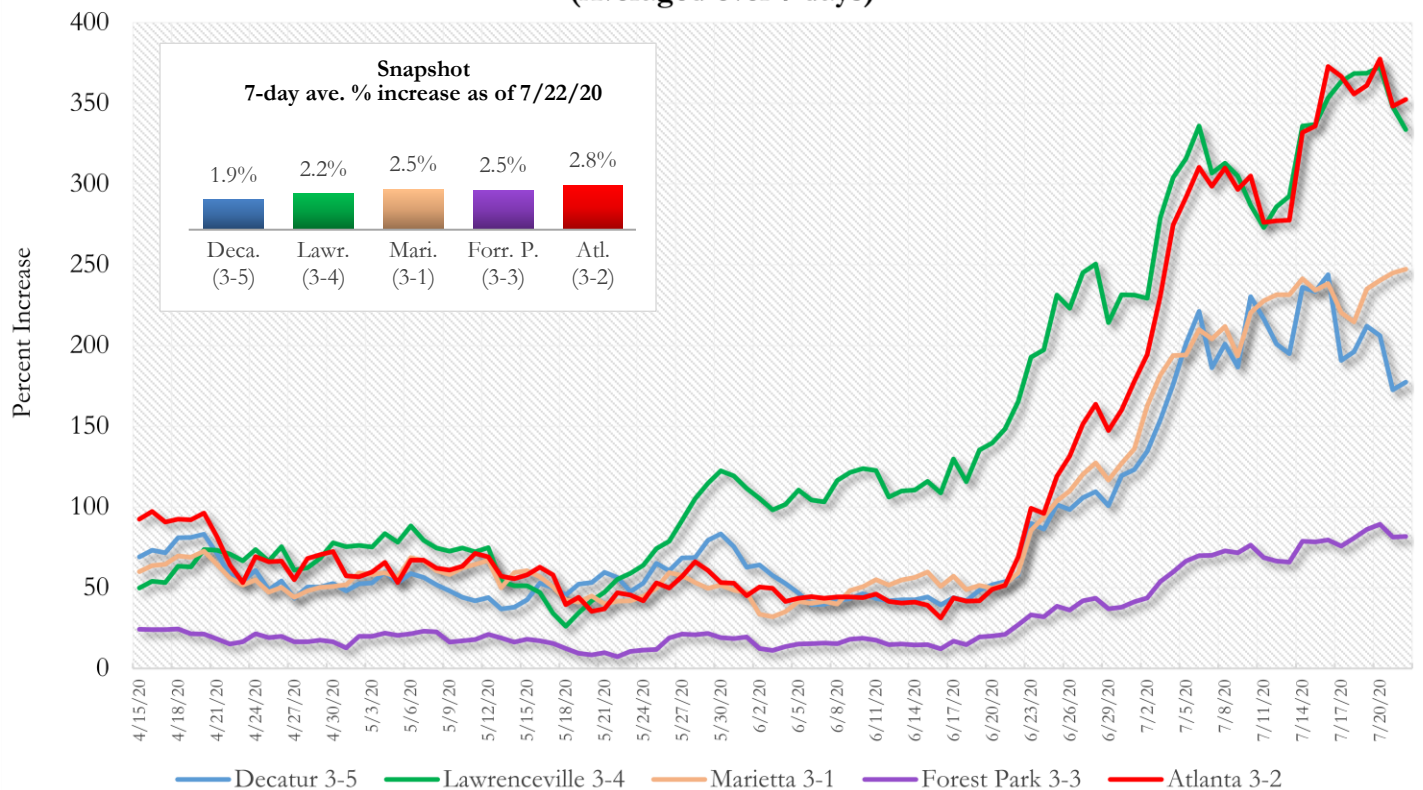
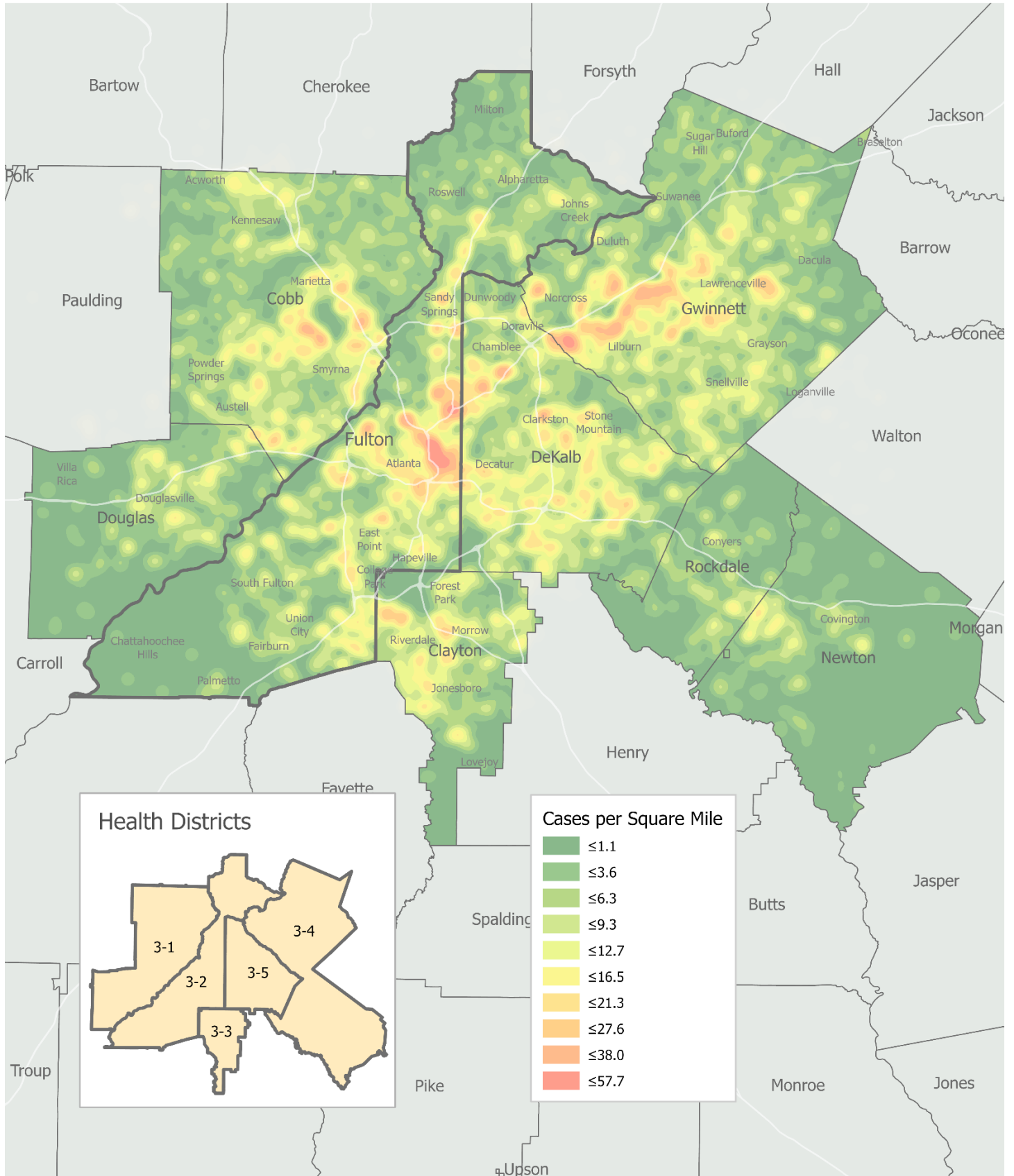
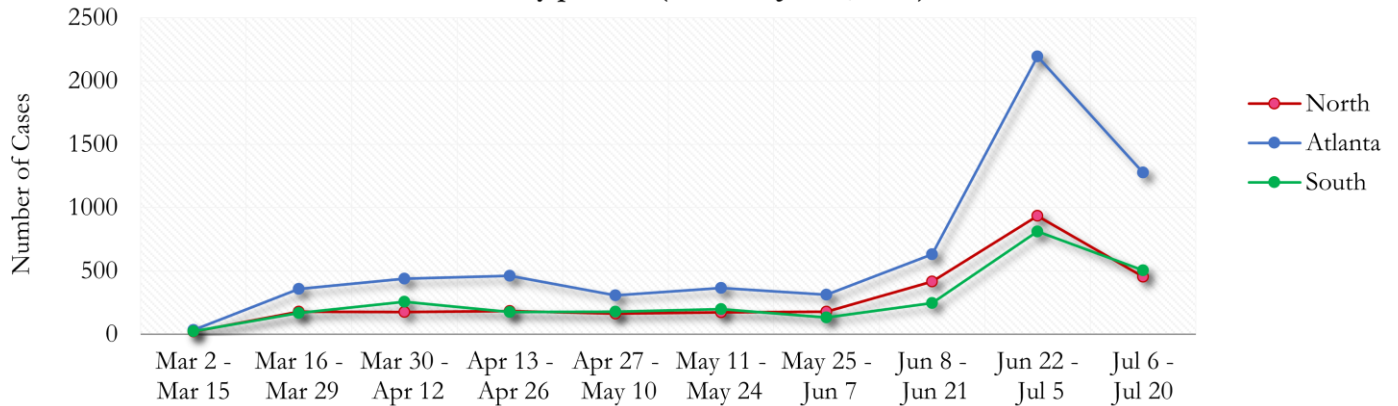


Fig. 9. COVID-19 Cases in Fulton County and Surrounding Districts (Jul 02 – Jul 15, 2020)





**Fig. 10. Trends in Geographic distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20, 2020)**

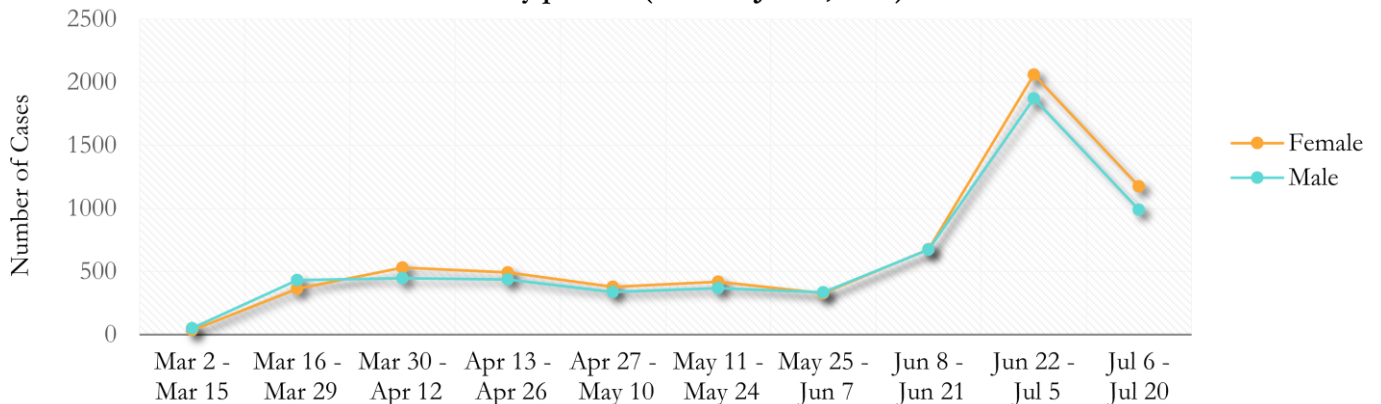


Atlanta metro has consistently accounted for the majority of newly diagnosed cases in Fulton County.

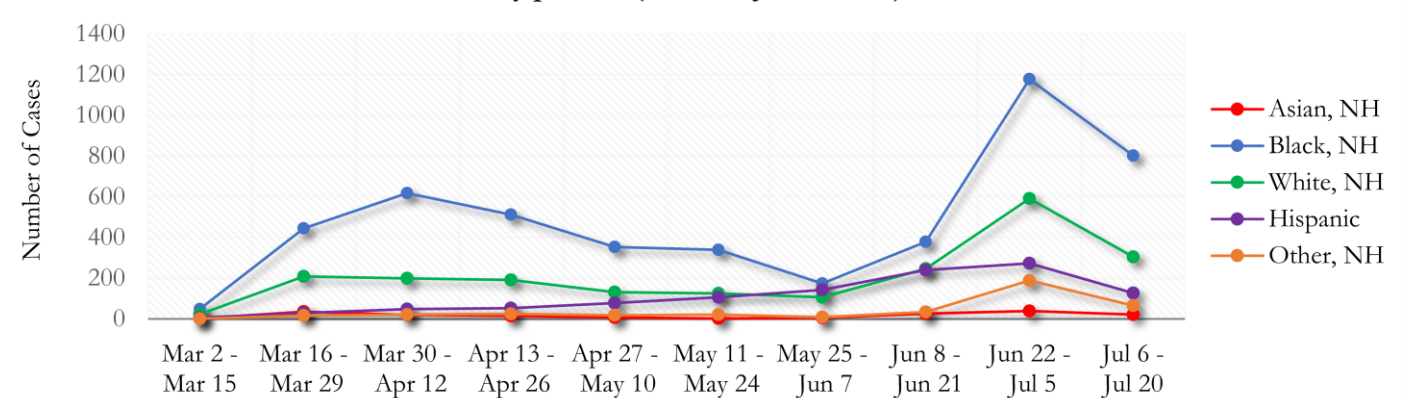
\*North - Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park)

\*South - Includes all Fulton County cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, and Union City)

**Fig. 11. Trends in Gender Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02- Jul 20, 2020)**

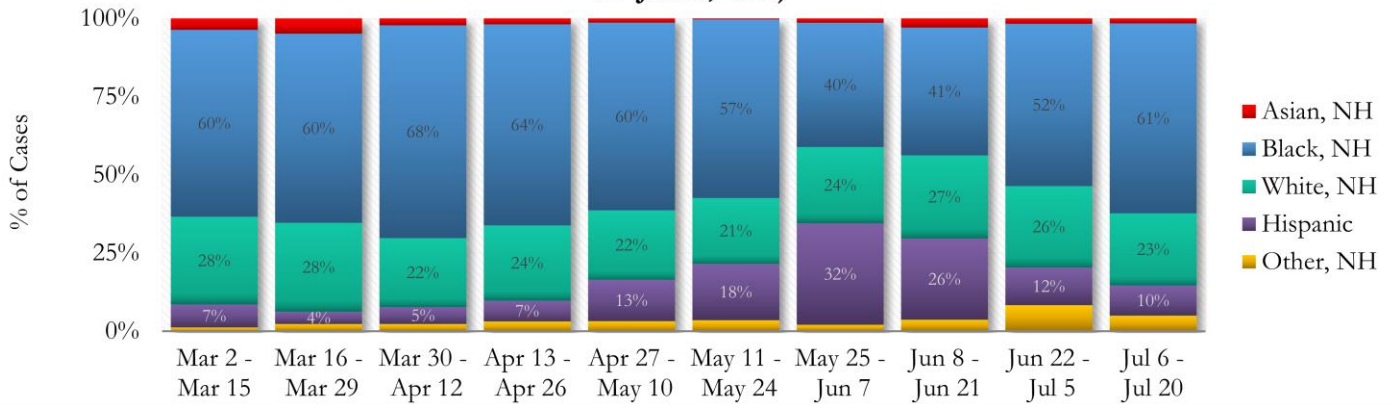


**Fig. 12. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20, 2020)**

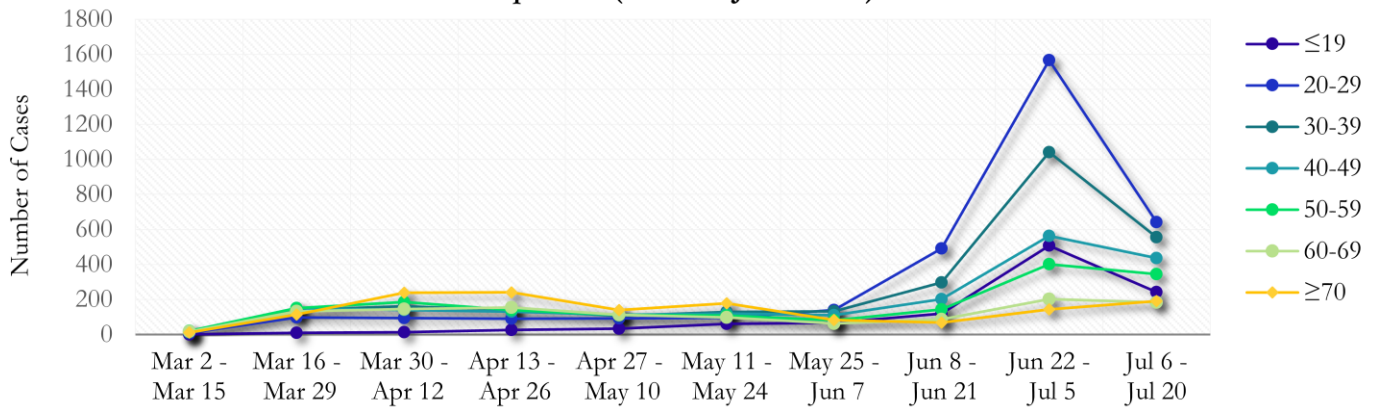


About 30% of COVID cases are missing data on patient race and ethnicity. Of cases with race and ethnicity reported, majority are Black non-Hispanic, followed by a smaller number of cases reporting White (non-Hispanic and Hispanic) race.

**Fig. 13. Racial Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02- Jul 20, 2020)**

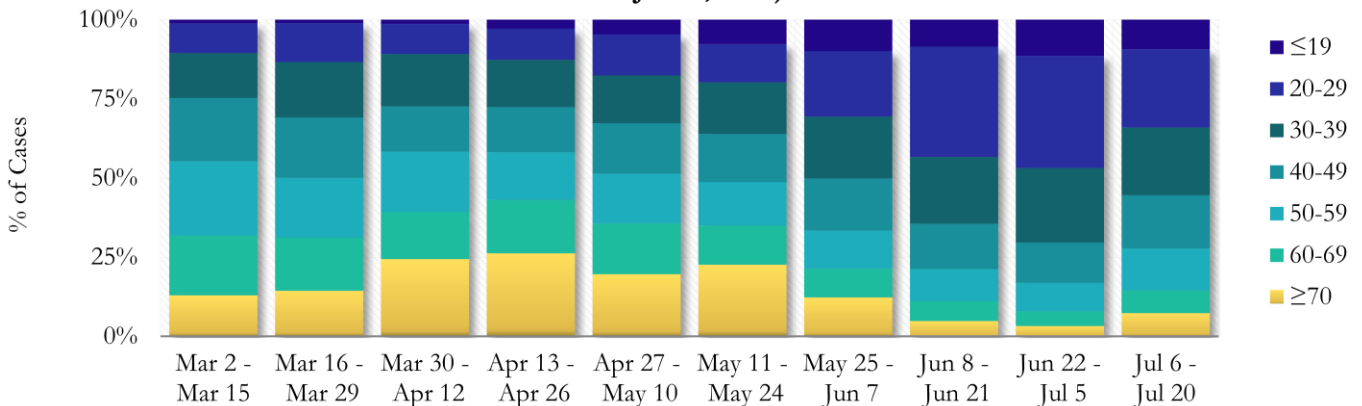


**Fig. 14. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20 2020)**

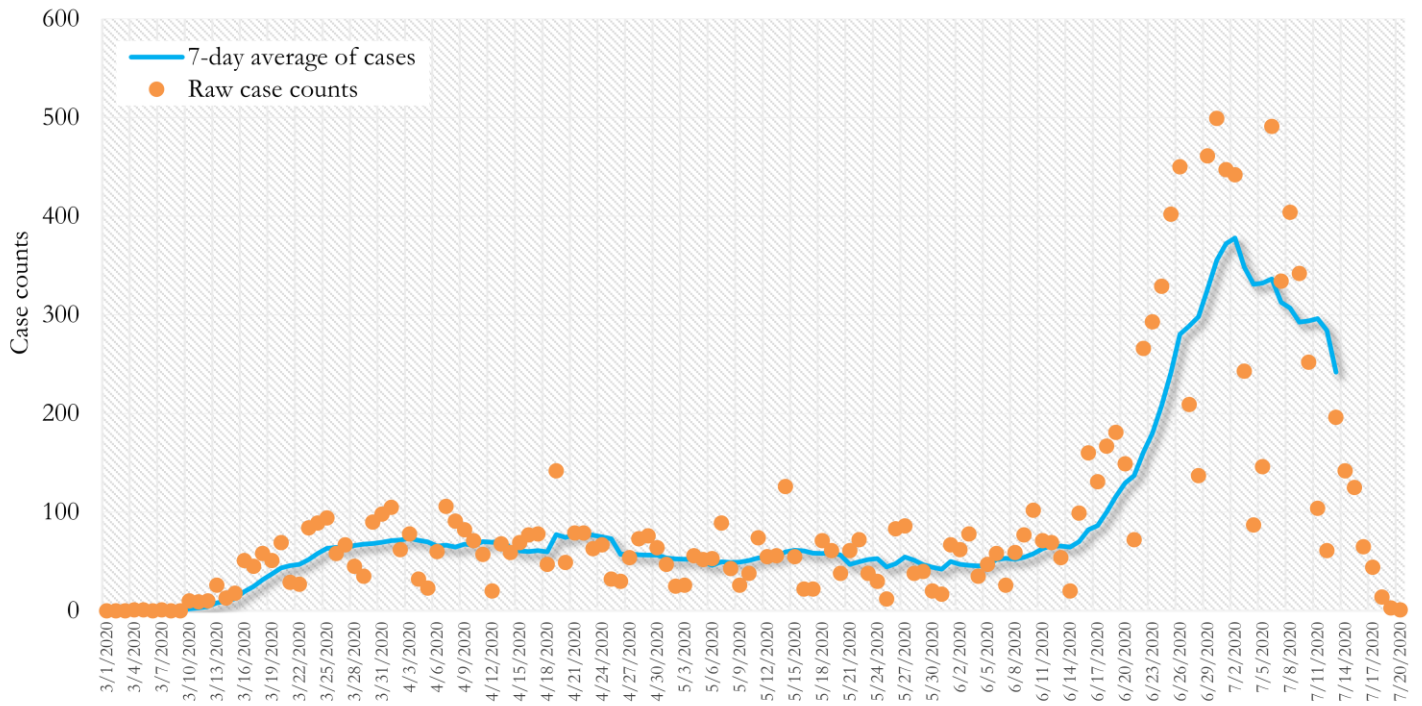


Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. However, starting in June, a much higher number of cases were among persons aged between 20-29 years.

**Fig. 15. Age Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02- Jul 20, 2020)**

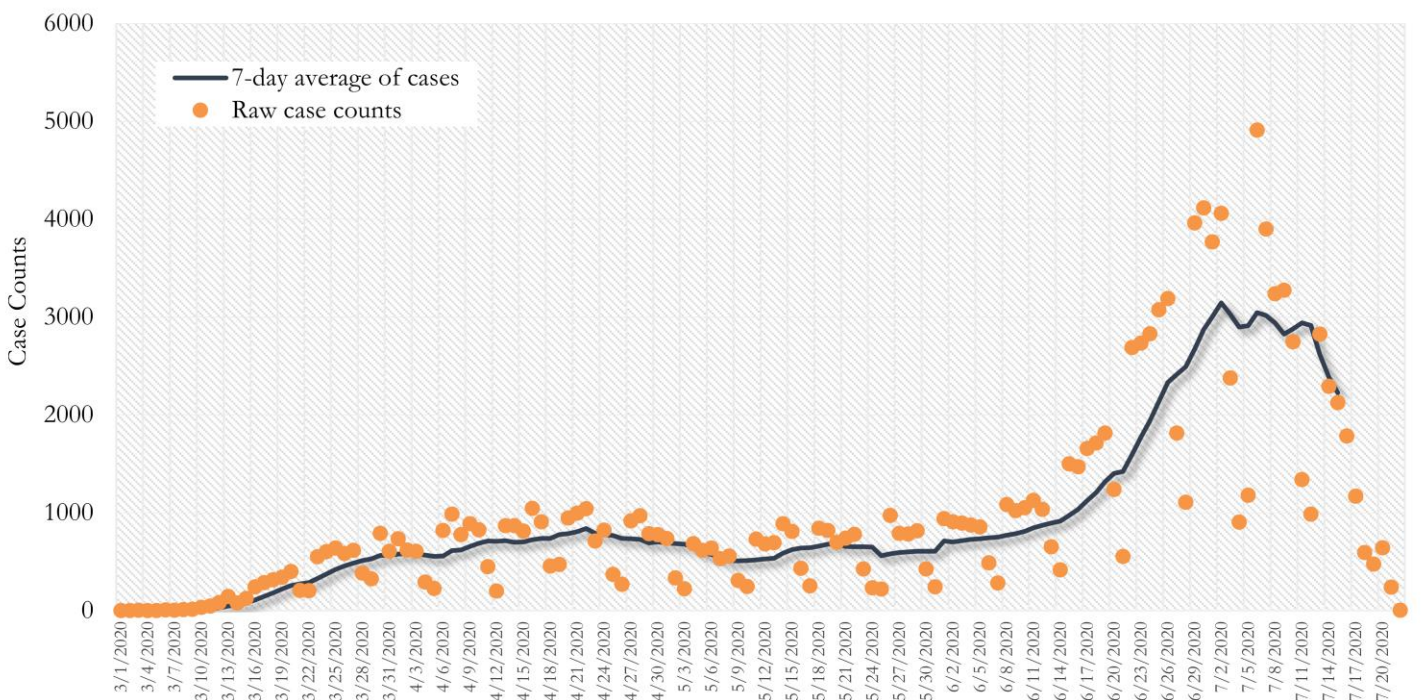


**Fig. 16. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)**



\*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

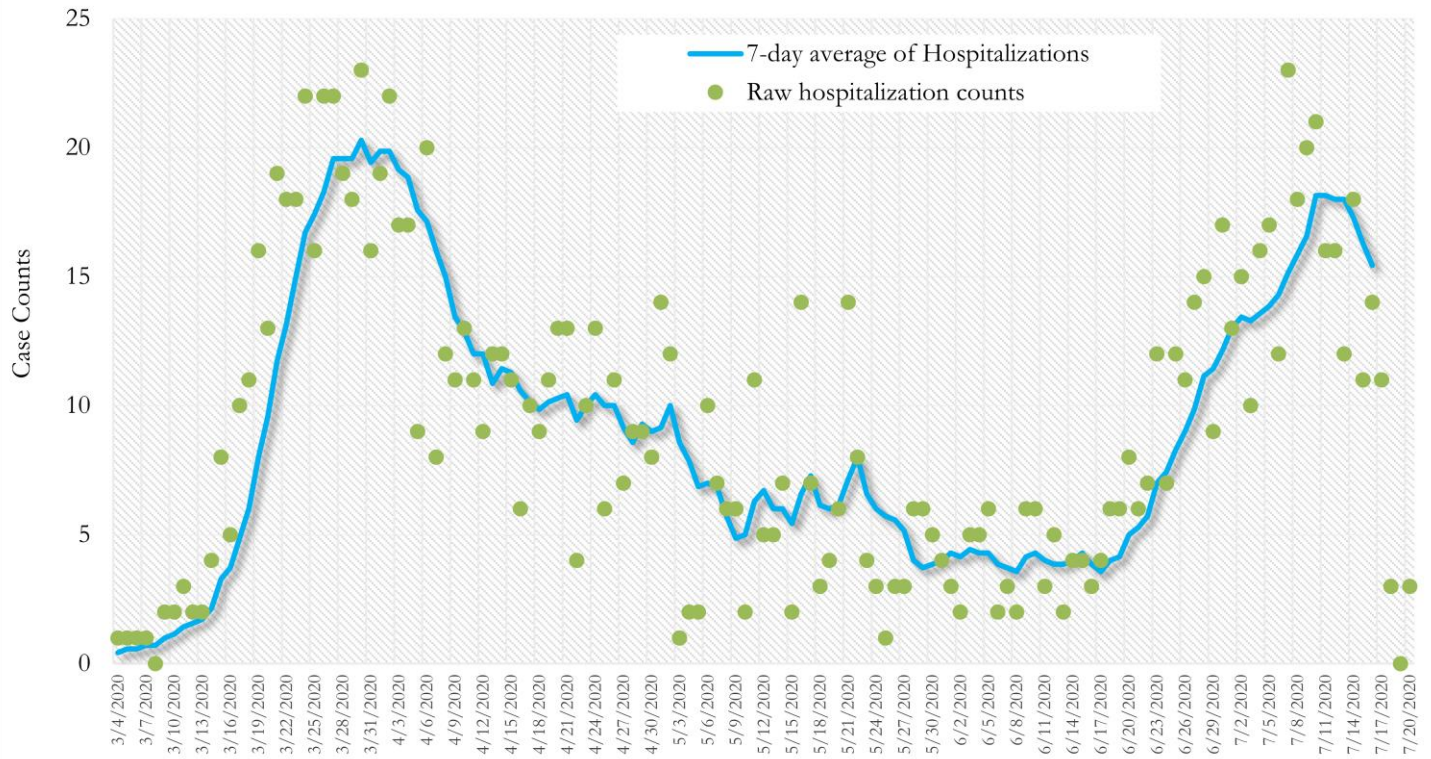
**Fig. 17. New COVID-19 Cases in Georgia State Daily (Averaged over 7 days)**



\*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

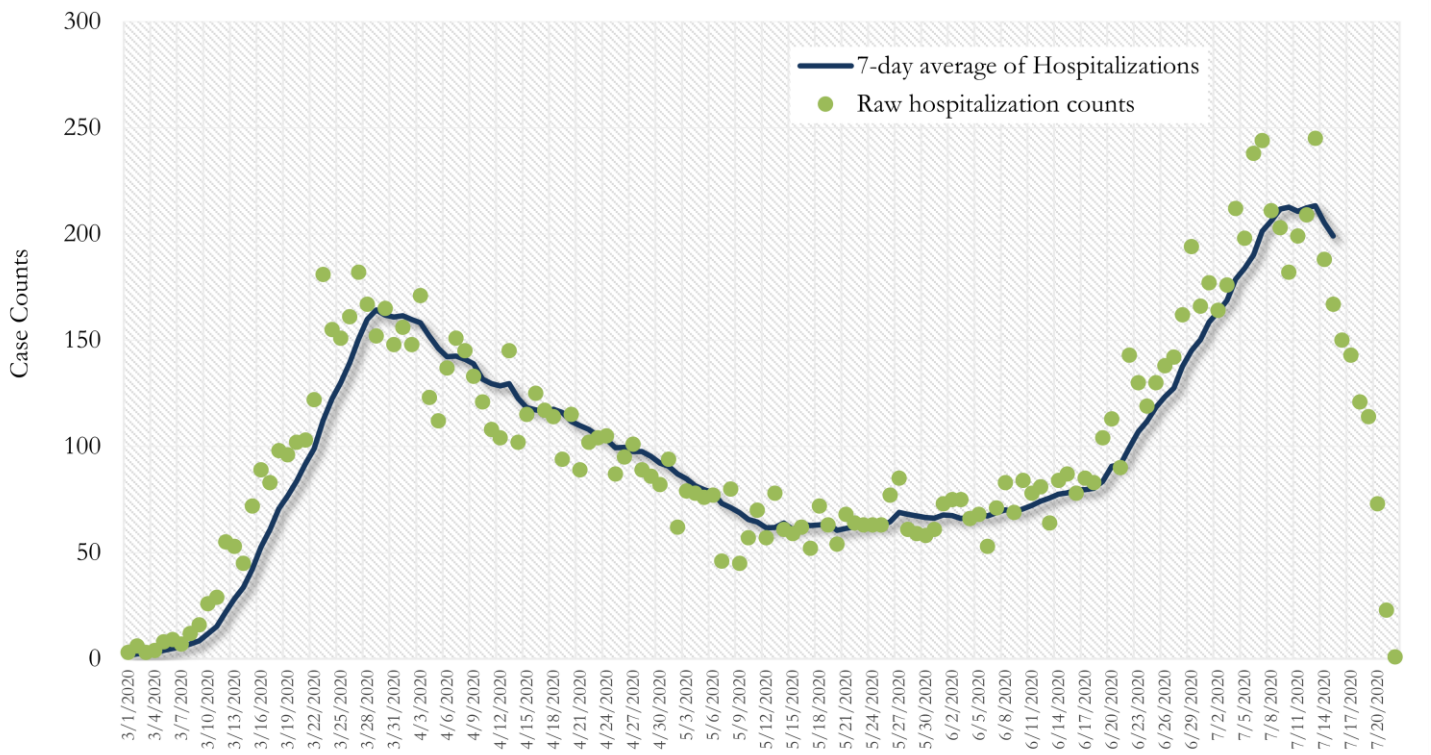


**Fig. 18. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)**



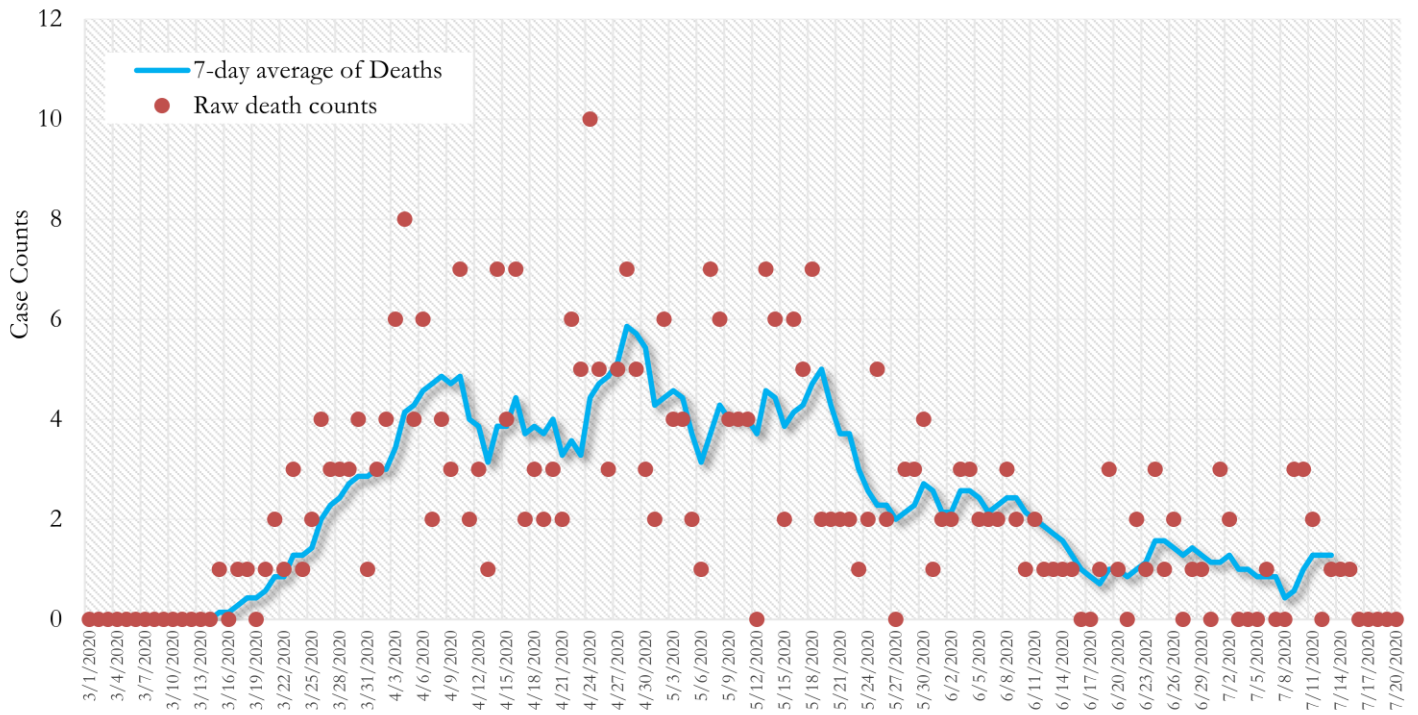
\*Reported date of hospital admission used.

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



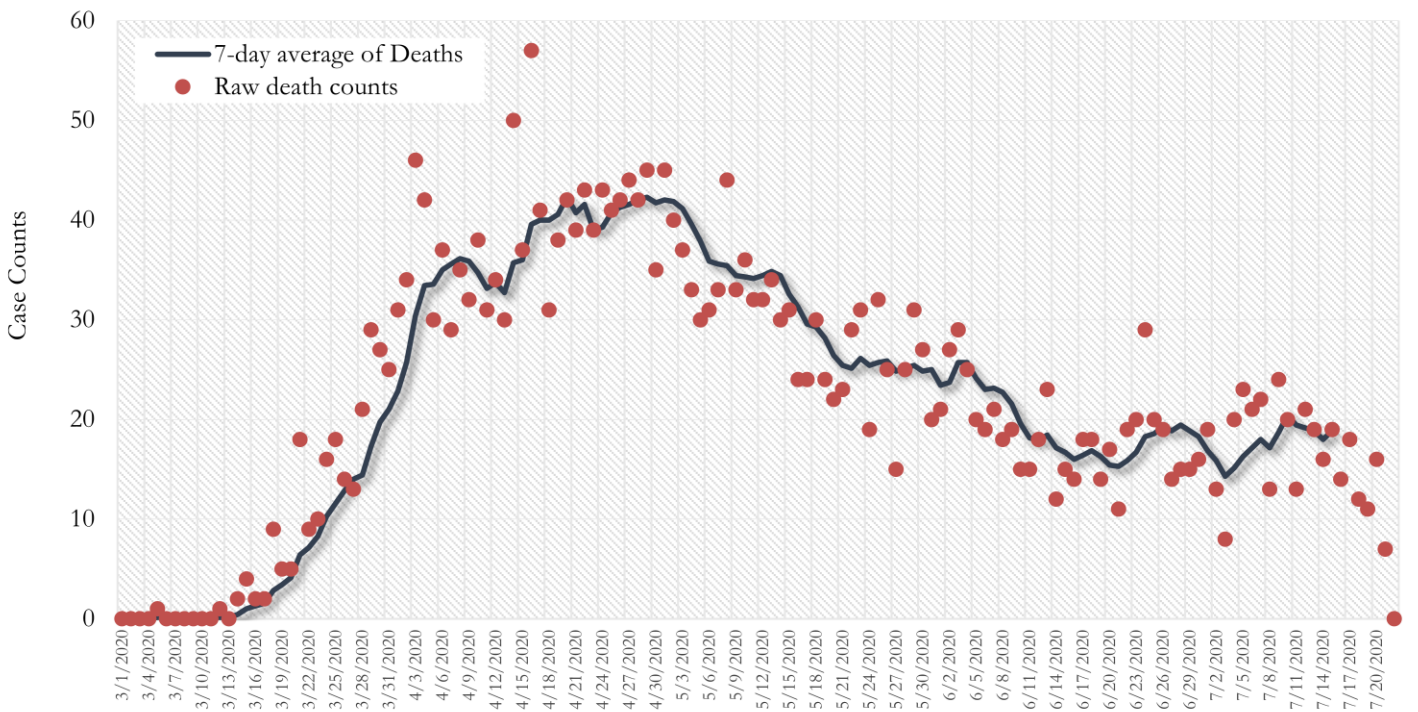
\* Reported date of hospital admission used.

**Fig. 20. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)**



\*Reported date of death used.

**Fig. 21. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)**



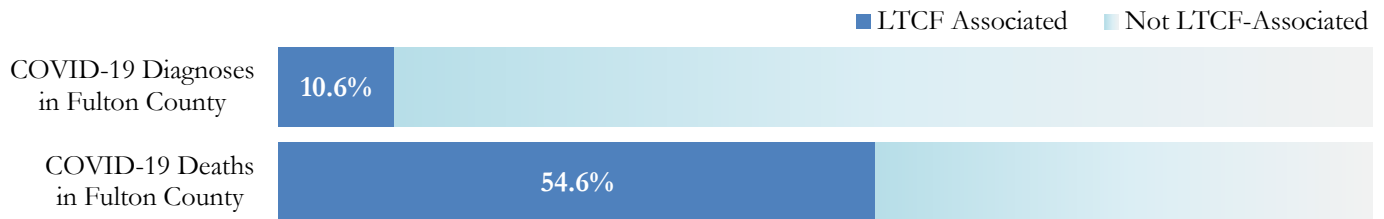
\* Reported date of death used.



## COVID-19 IN LONG-TERM CARE FACILITIES IN FULTON

Older persons (aged 65 years and older) and persons who live in nursing homes or other long-term care facilities seem to be at higher risk for developing more serious complications from COVID-19. Extra precautions are recommended for individuals within this risk groups – Centers for Disease Control and Prevention (CDC 2020) <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-at-higher-risk.html>

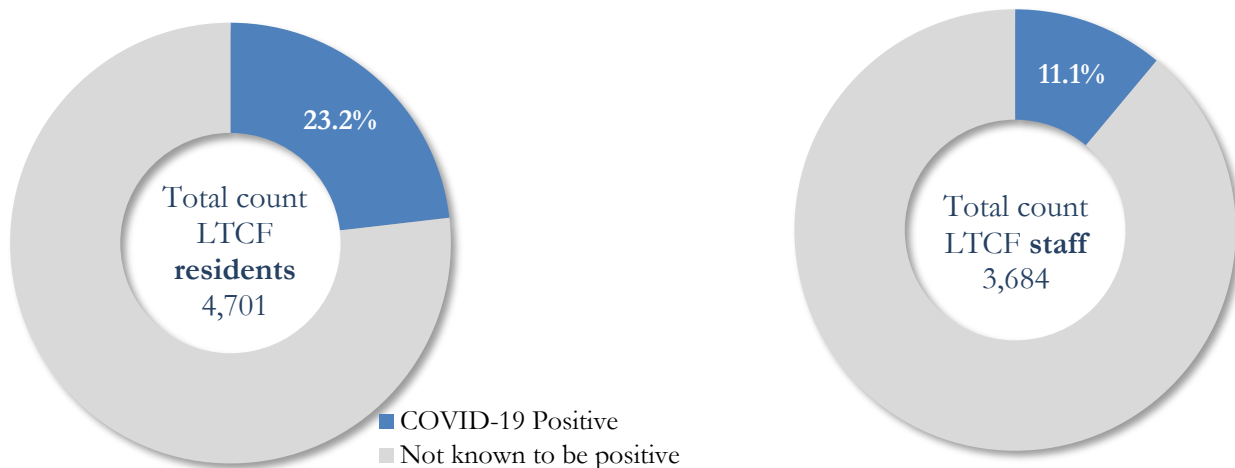
Fig. 22. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



\*\*\*LTCF → Long-term Care Facility (Includes residents and Staff)\*\*\*

## COVID-19 POSITIVITY:

Fig. 23. COVID-19 Positivity at 58 reporting Long-Term Care Facilities (LTCF) in Fulton County



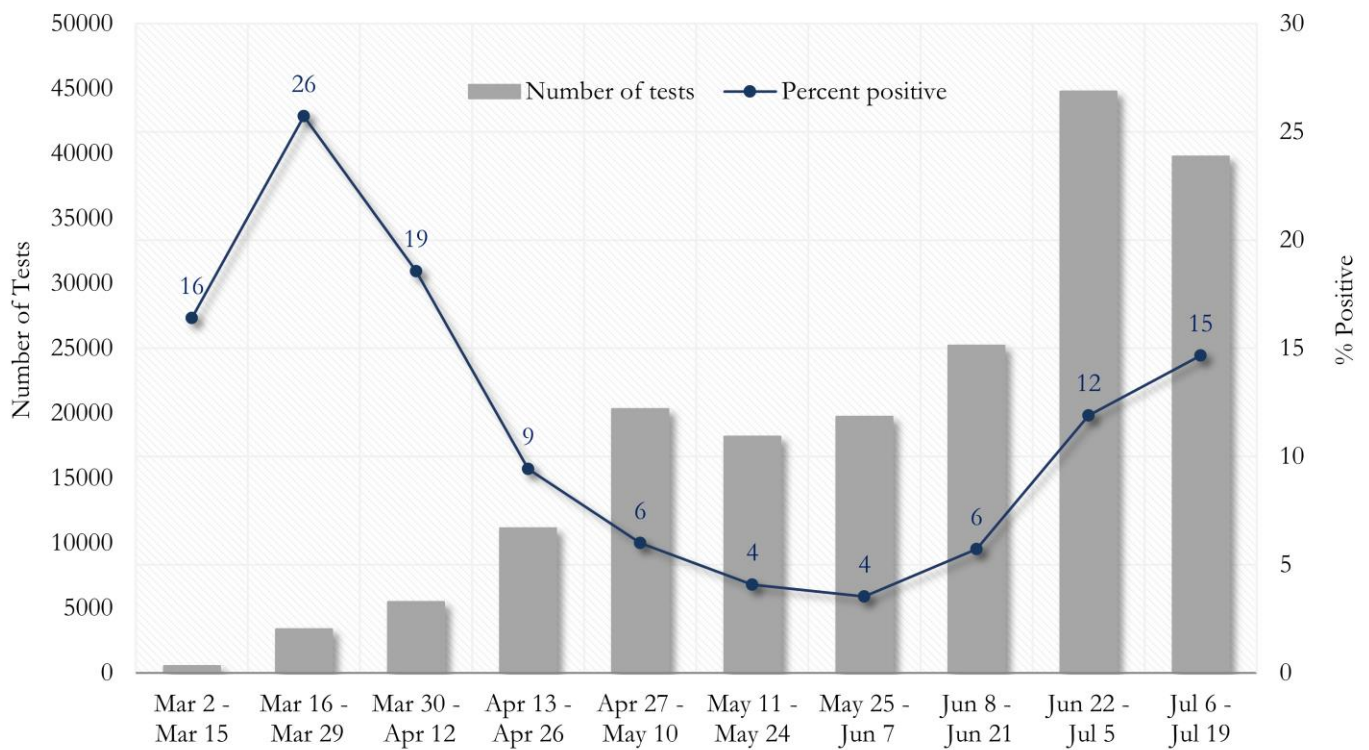
COVID-19 Cases, Hospitalizations, and Deaths among 54 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,701)			LTCF Staff (n=3,684)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) <sup>1</sup>	19	5	3	7	1	<0.1
Median (count per fac.) <sup>1</sup>	3	3	0	3	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	136	48	29	41	8	1
Total Count	1089 (23.2%) <sup>a</sup>	273 (25.1%) <sup>b</sup>	189 (17.4%) <sup>b</sup>	408 (11.1%) <sup>a</sup>	29 (7.1%) <sup>b</sup>	2 (<0.1%) <sup>b</sup>

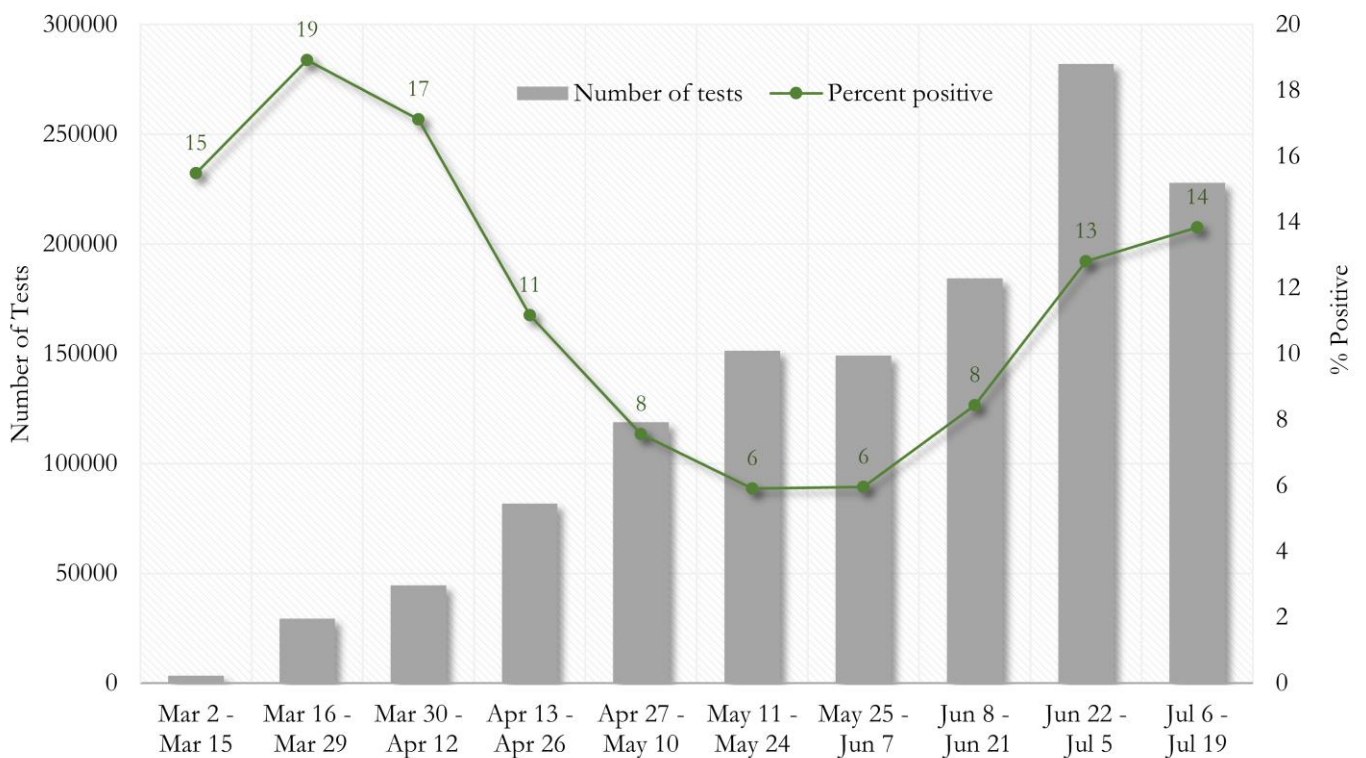
<sup>a</sup> Percentage shown reflects proportion of total residents/staff tested who were positive (i.e. COVID-19 Positivity). | <sup>b</sup> Percentages shown are proportions of persons residents/staff diagnosed with COVID-19 who were hospitalized or died after diagnoses.

**COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY**

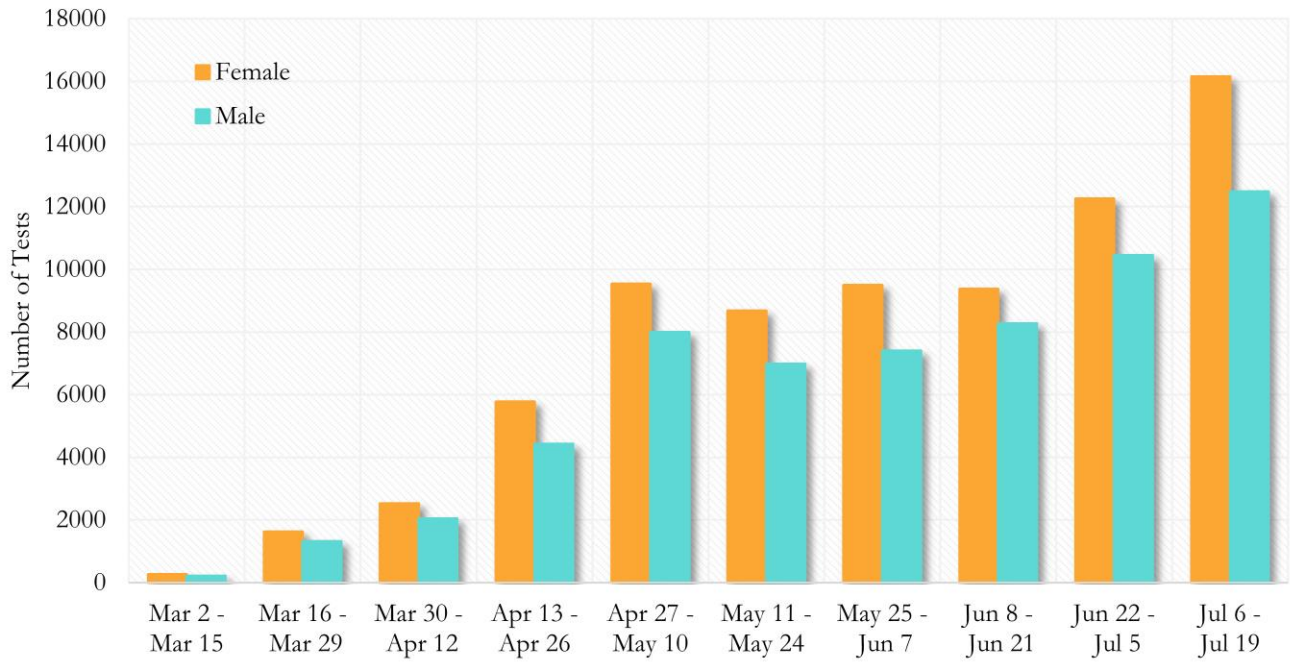
**Fig. 24. Trends in Positive COVID-19 Tests in Fulton County by 14-day Periods**



**Fig. 25. Trends in Positive COVID-19 Tests in Georgia by 14-day Periods**



**Fig. 26. COVID-19 Tests by Gender in Fulton County by 14-day Periods**



**Fig. 27. Percent Positive COVID-19 Tests by Gender in Fulton County by 14-day Periods**

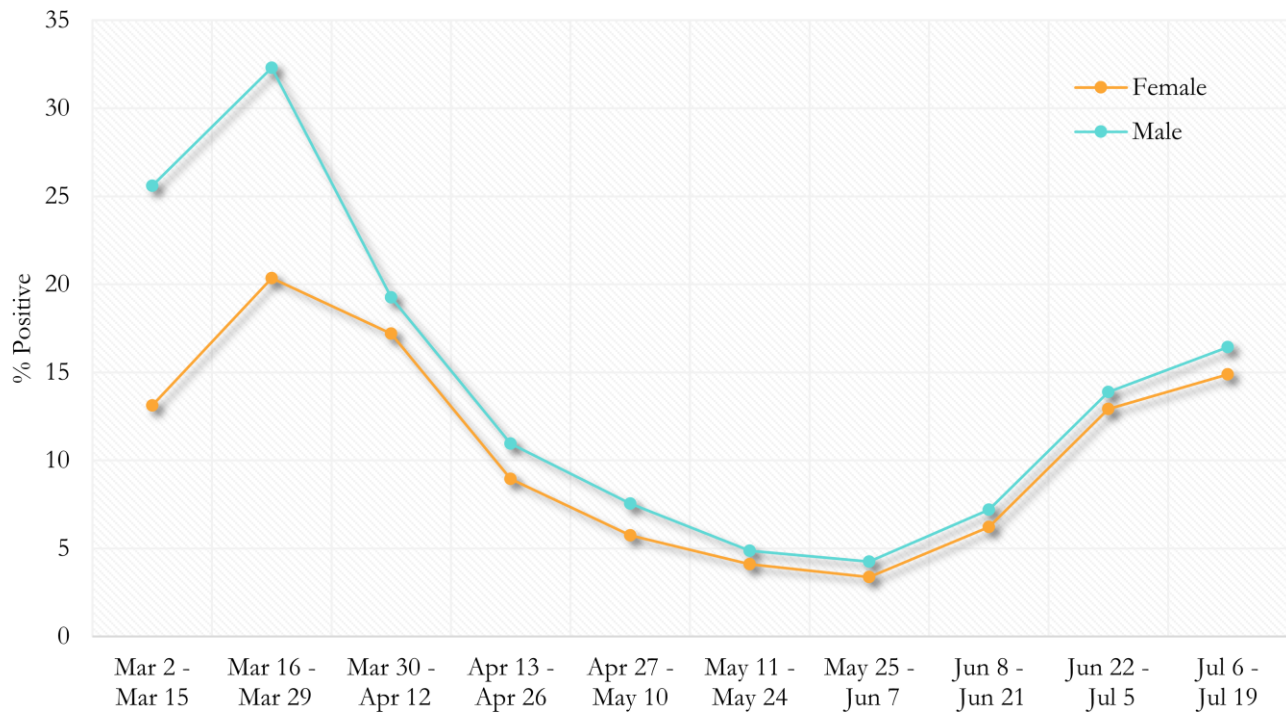


Fig. 28. COVID-19 Tests by Age in Fulton County by 14-day Periods

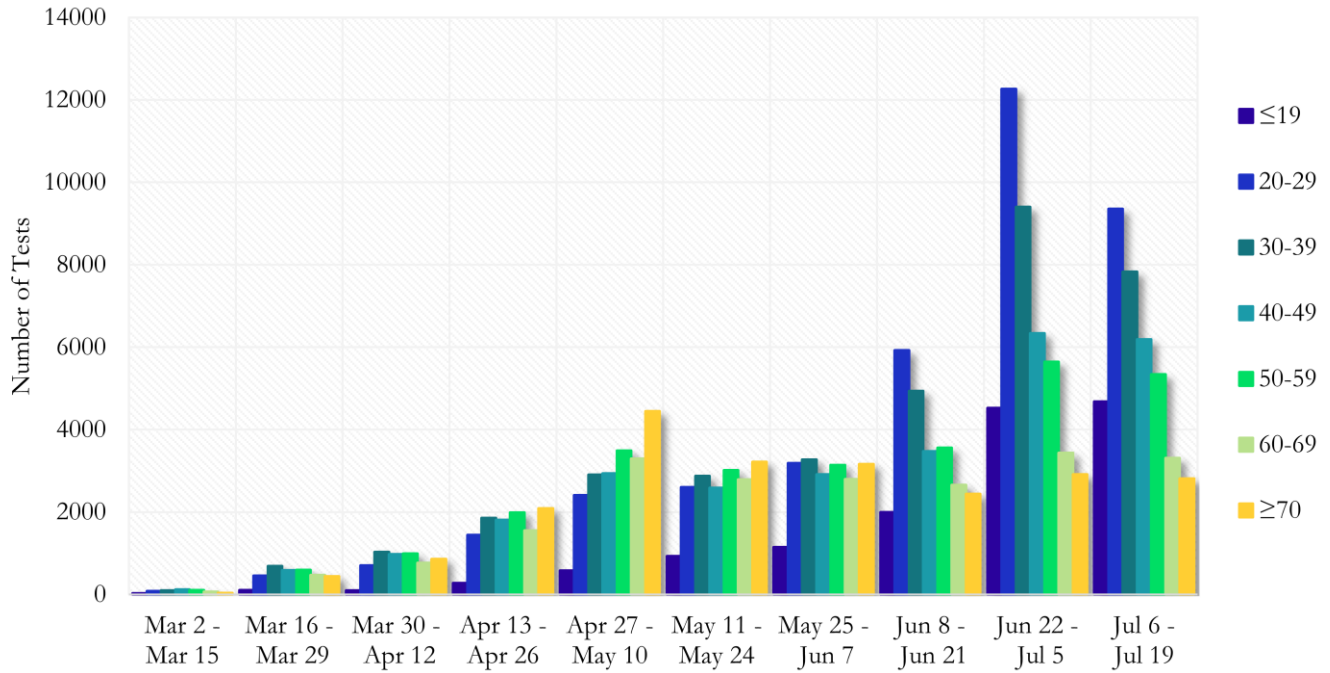
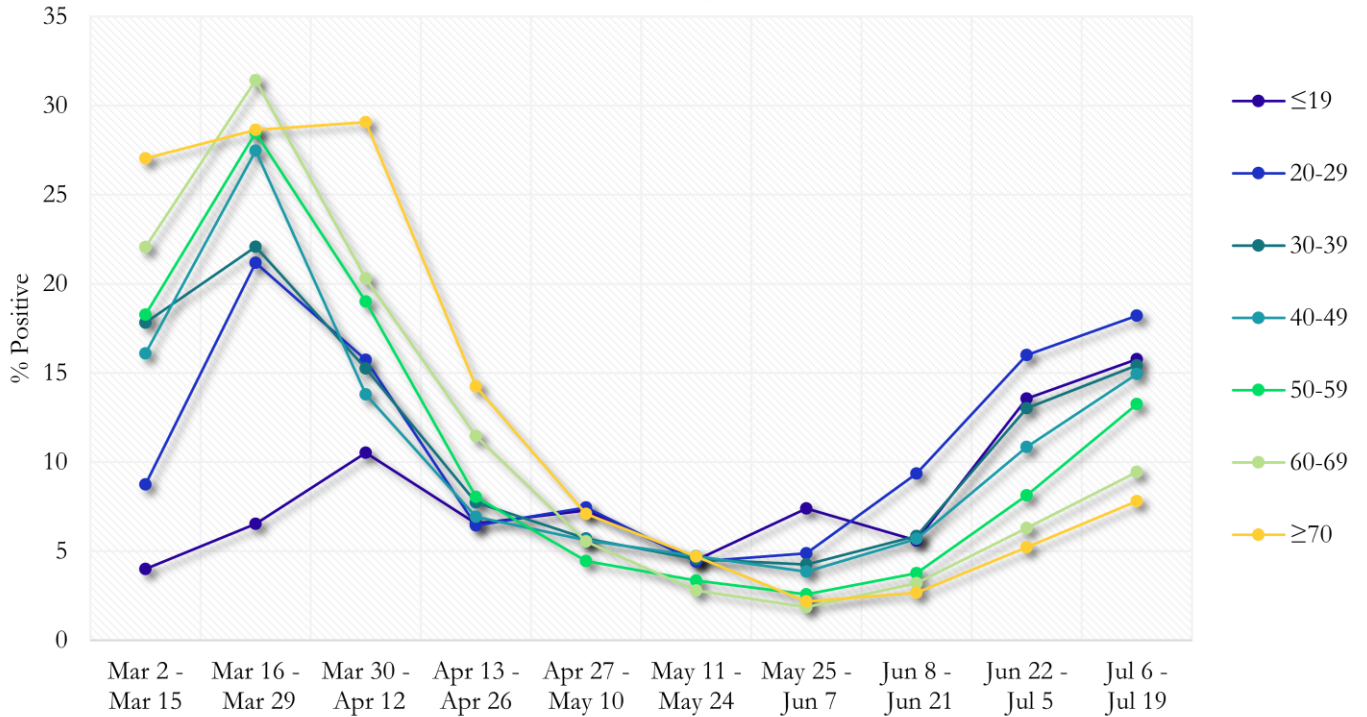
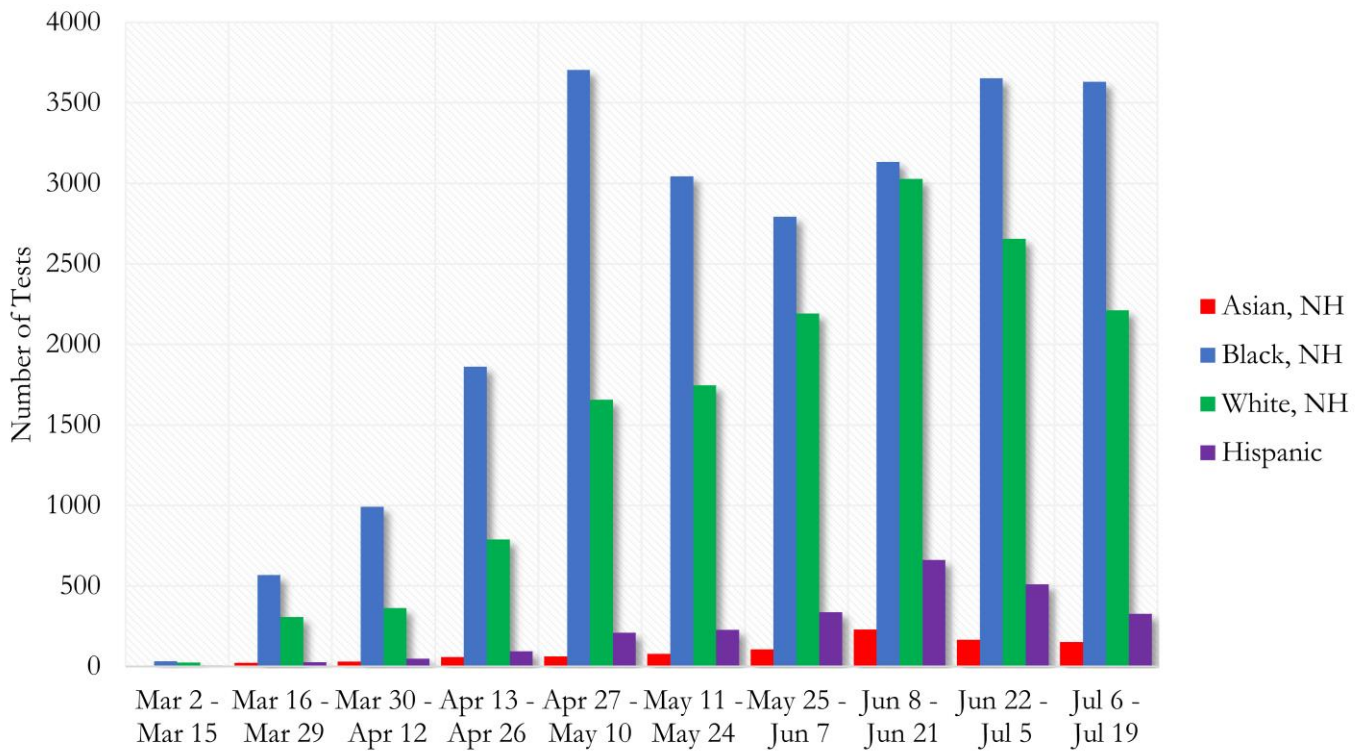


Fig. 29. Percent Positive COVID-19 Tests by Age Group in Fulton County by 14-day Periods





**Fig. 30. COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods**



**Fig. 31. Percent Positive COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods**

