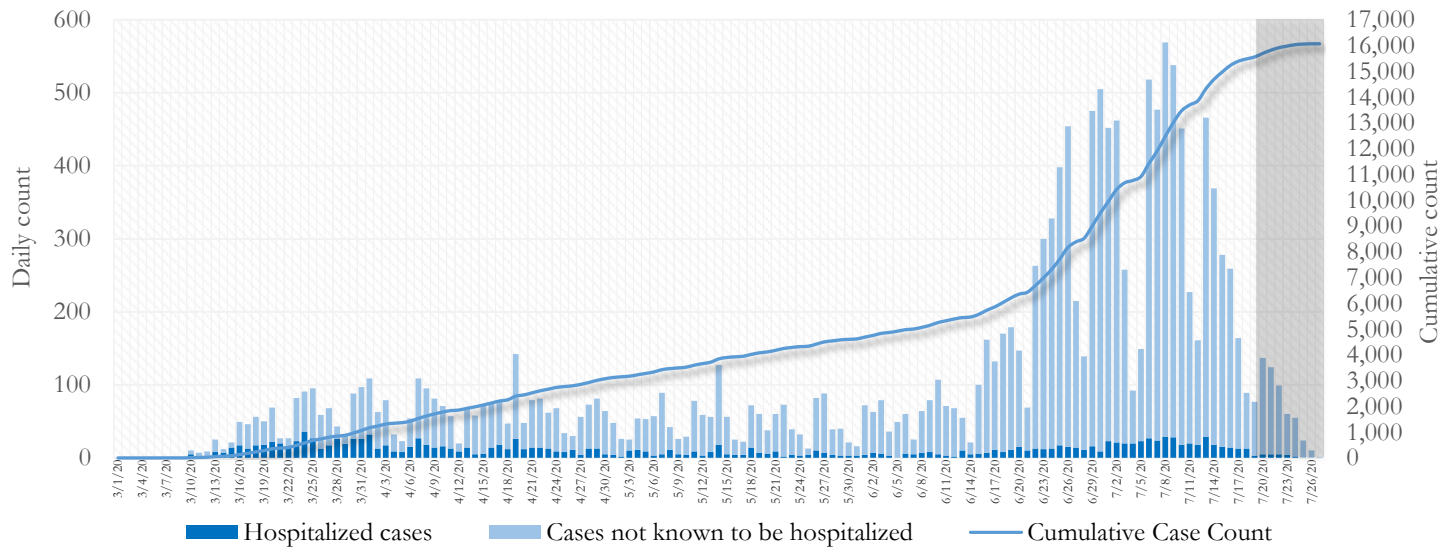


SUMMARY

- As of July 27, 2020, Fulton County has recorded **16,072** cases of the 2019 novel coronavirus (COVID-19) and **372** deaths.
- Of 4,780 **new diagnoses** made between July 07 and July 20, the central portion of the county (Atlanta metro) accounted for 44% while the northern and southern parts accounted for 20% and 21% respectively.
- By city, **new** COVID-19 diagnoses rates range from 155.4 per 100,000 persons (Johns Creek) to 617.6 per 100,000 persons (Palmetto). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 1,510.6.1; Incident – 449.3]. See map showing incident case rate by ZIP code on Pg.4.
- Among all persons diagnosed with COVID-19 in Fulton County, 10.1% required hospitalization and 2.3% died.
- Residents and staff of long-term care facilities account for 10.0% of COVID-19 diagnoses and 51.8% 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 7/27/20 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.

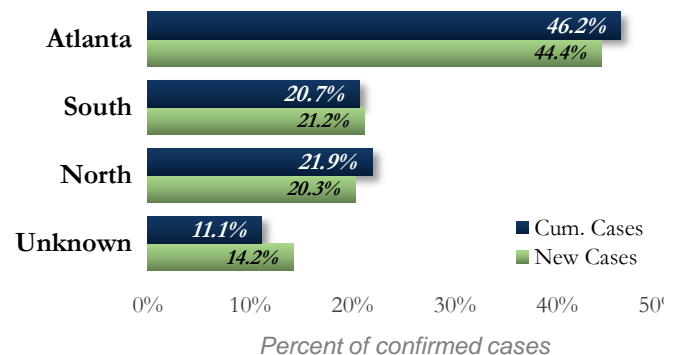
DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 44% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 20% and 21% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	46.2%	44.4%
North ¹	21.9%	20.3%
South ²	20.7%	21.2%
Unincorporated/Unknown	11.1%	14.2%

¹Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) | ²Includes 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 7/07/20 – 7/20/20).

Fig. 2. Distribution of COVID 19 cases by Region

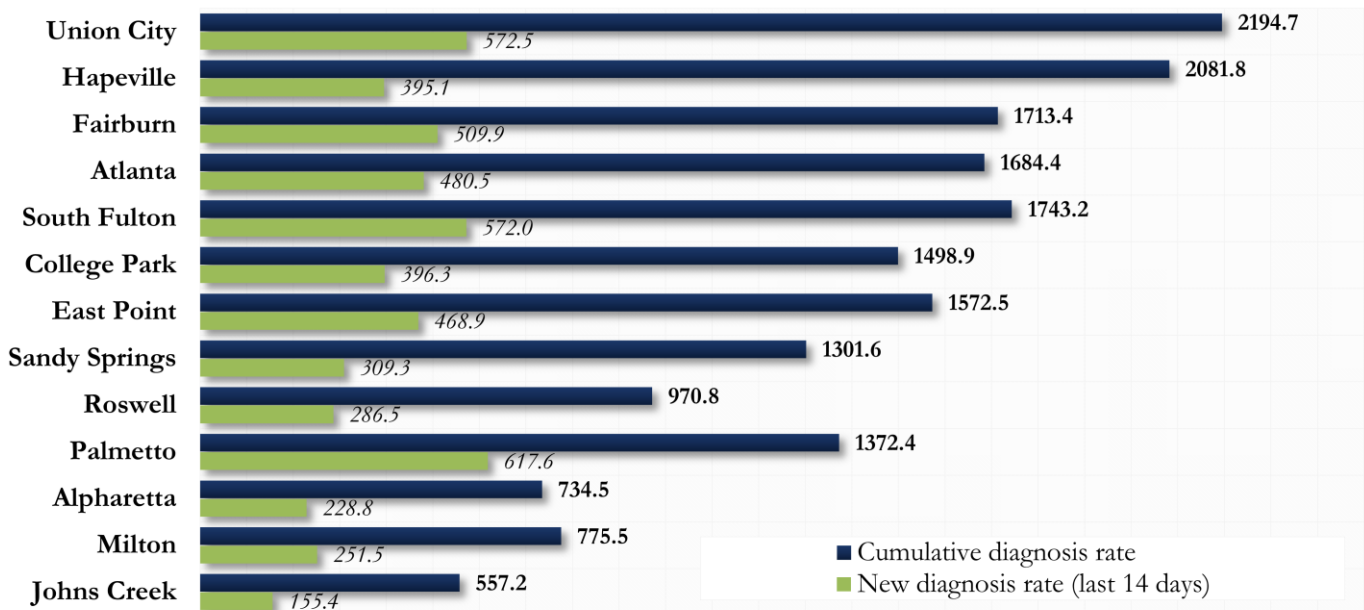


COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (7/24/20)	Current Total (7/27/20)			New Cases (Period: 6/22/20 – 7/20/20) ¹			
	Count	Count	%	Cum. Rate ²	Ist 14 d. (6/22–7/06)	Last 14 d. (7/07–7/20)	% change ³	Rate ⁴ (Last 14 d.)
Atlanta	6763	7431	46.2%	1684.4	2237	2120	↓ 5.2%	480.5
South Fulton	1449	1658	10.3%	1743.2	433	544	↑ 25.6%	572.0
Sandy Springs	1230	1372	8.5%	1301.6	374	326	↓ 12.8%	309.3
Roswell	759	915	5.7%	970.8	218	270	↑ 23.9%	286.5
East Point	472	550	3.4%	1572.5	156	164	↑ 5.1%	468.9
Johns Creek	380	466	2.9%	557.2	142	130	↓ 8.5%	155.4
Union City	408	460	2.9%	2194.7	98	120	↑ 22.4%	572.5
Alpharetta	396	475	3.0%	734.5	139	148	↑ 6.5%	228.8
Milton	250	296	1.8%	775.5	103	96	↓ 6.8%	251.5
Fairburn	213	252	1.6%	1713.4	55	75	↑ 36.4%	509.9
College Park	182	208	1.3%	1498.9	47	55	↑ 17.0%	396.3
Palmetto	47	60	0.4%	1372.4	15	27	↑ 80.0%	617.6
Hapeville	124	137	0.9%	2081.8	27	26	↓ 3.7%	395.1
Mountain Park	0	1	0.0%	160.0	0	0	-	0.0
Unknown	2553	1791	11.1%	-	445	676	-	-

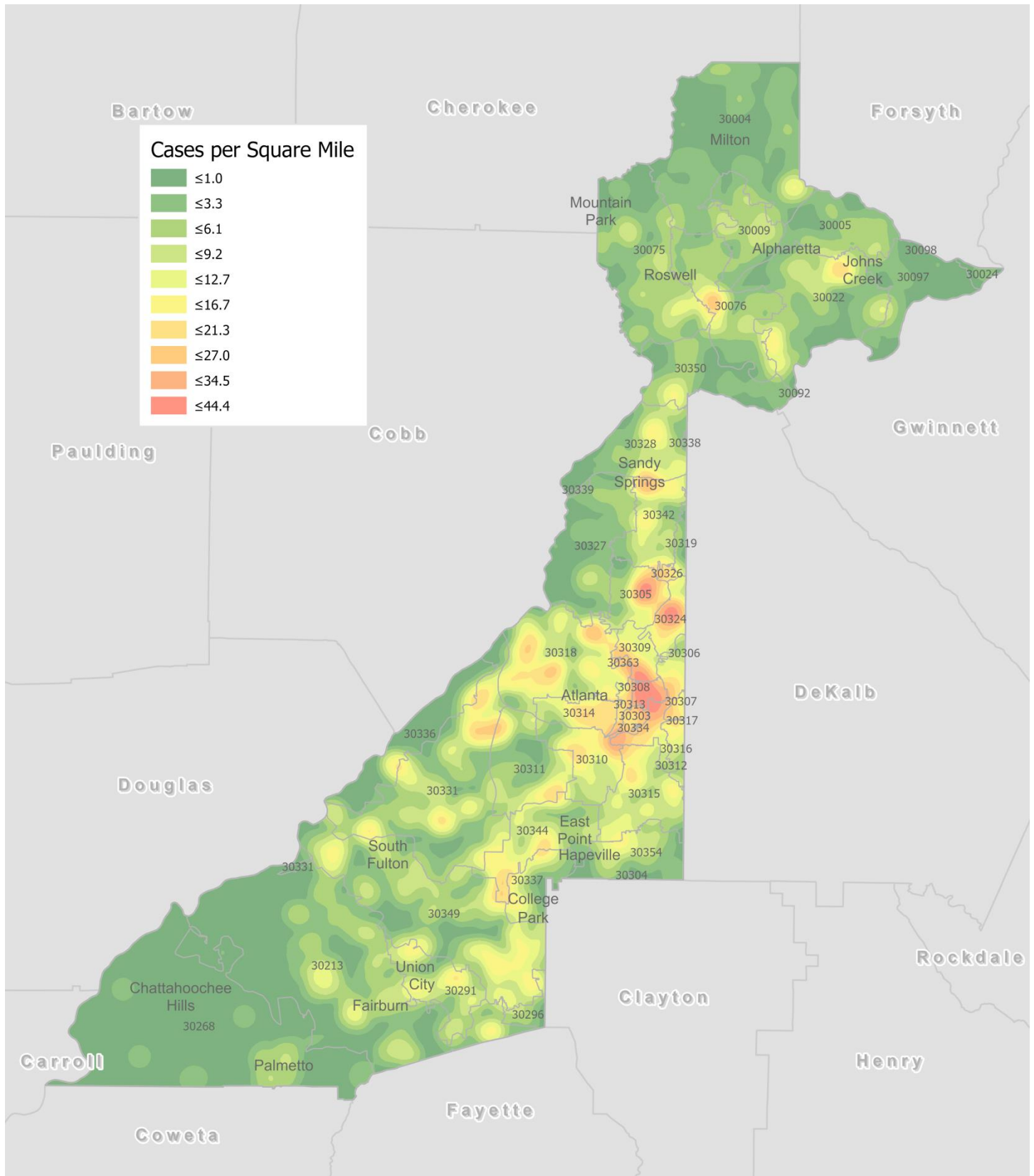
¹**New cases:** Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. ²**Cumulative diagnosis rate:** Population estimates from US Census Bureau used to calculate cumulative diagnoses rate. All rates shown are per 100,000 persons. ³**% 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. ⁴**(Incidence) Rate:** Rate of new diagnoses in the last 14 day period preceding the immediate past week. **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: All data reported are preliminary and subject to change.**

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



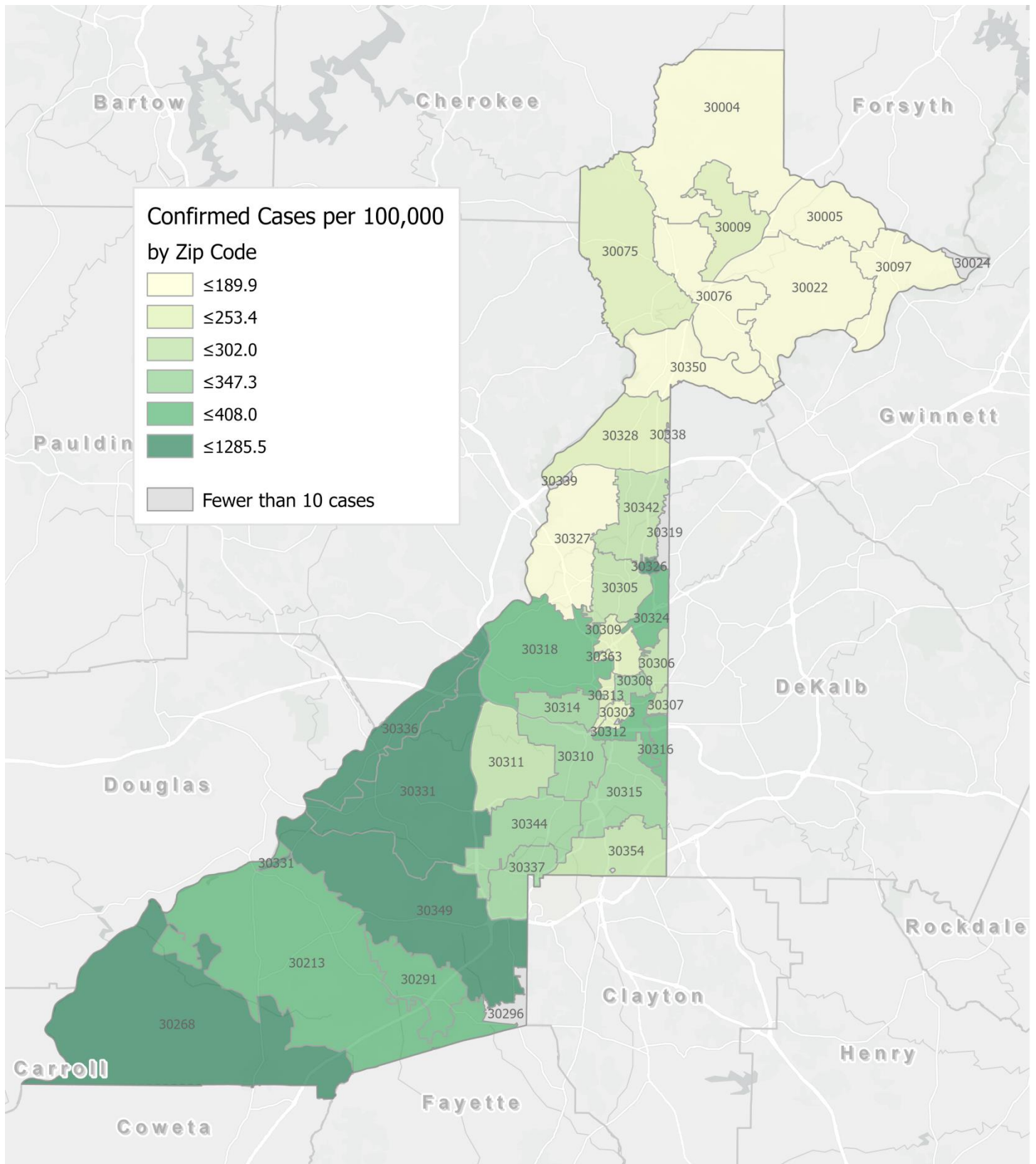
*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 4. Density Map – New COVID 19 Diagnoses (Jul 07 – Jul 20, 2020) in Fulton County



NB. **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. Map reflects new COVID-19 cases diagnosed between July 7th and Jul 20th, 2020 across Fulton County.

Fig. 5. New COVID-19 Diagnoses Rates (per 100,000 population) by ZIP Code (Jul 07 – Jul 20, 2020)



*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.

COVID-19 CASE COUNTS BY ZIP CODE

	Prior (7/24/20)	Current Total (7/27/20)		New Cases (Period: 6/22/20 – 7/20/20) ¹		
	Count	Count	%	1st 14 days (Jun 22 – Jul 06)	Last 14 d. (Jul 07 – Jul 20)	% change ²
All Fulton	14164	16072	100.0%	4490	4780	↑ 6.5%
30331	969	1090	6.8%	273	323	↑ 18.3%
30318	909	986	6.1%	292	300	↑ 2.7%
30349	907	1048	6.5%	302	377	↑ 24.8%
30213	541	611	3.8%	149	182	↑ 22.1%
30315	419	474	2.9%	127	138	↑ 8.7%
30344	423	497	3.1%	133	148	↑ 11.3%
30311	430	475	3.0%	138	124	↓ 10.1%
30342	632	701	4.4%	187	192	↑ 2.7%
30314	367	392	2.4%	81	83	↑ 2.5%
30310	440	478	3.0%	138	121	↓ 12.3%
30308	276	304	1.9%	107	90	↓ 15.9%
30022	429	521	3.2%	163	163	-
30327	275	302	1.9%	116	52	↓ 55.2%
30004	369	450	2.8%	144	155	↑ 7.6%
30309	449	492	3.1%	191	112	↓ 41.4%
30076	328	414	2.6%	107	133	↑ 24.3%
30291	434	488	3.0%	98	114	↑ 16.3%
30350	270	308	1.9%	63	54	↓ 14.3%
30075	384	471	2.9%	108	136	↑ 25.9%
30328	377	431	2.7%	148	113	↓ 23.6%
30316	222	242	1.5%	76	91	↑ 19.7%
30312	514	553	3.4%	144	134	↓ 6.9%
30005	189	231	1.4%	77	68	↓ 11.7%
30305	437	476	3.0%	150	111	↓ 26.0%
30306	170	193	1.2%	63	69	↑ 9.5%
30324	540	585	3.6%	223	141	↓ 36.8%
30337	174	194	1.2%	38	51	↑ 34.2%
30009	157	181	1.1%	45	59	↑ 31.1%
30313	98	105	0.7%	24	28	↑ 16.7%
30326	122	141	0.9%	56	33	↓ 41.1%
30097	83	106	0.7%	19	29	↑ 52.6%
30354	238	268	1.7%	67	69	↑ 3.0%
30303	318	365	2.3%	38	280	↑ 636.8%
30339	155	171	1.1%	74	76	↑ 2.7%
30268	71	97	0.6%	17	56	↑ 229.4%
30307	93	102	0.6%	30	42	↑ 40.0%
30319	78	84	0.5%	33	<10	↓ 75.8%
30336	56	63	0.4%	15	16	↑ 6.7%
30296	22	27	0.2%	<10	11	↑ 1000.0%
30363	40	47	0.3%	17	19	↑ 11.8%
30301	<10	<10	<0.1%	<10	<10	-
30345	25	29	0.2%	<10	<10	-
31131	<10	<10	<0.1%	<10	<10	-
30023	<10	<10	<0.1%	<10	<10	-
30080	<10	<10	<0.1%	0	<10	-
30135	<10	<10	<0.1%	0	<10	-
30138	<10	<10	<0.1%	0	0	-
30139	-	-	-	0	0	-
30321	<10	<10	<0.1%	<10	<10	-

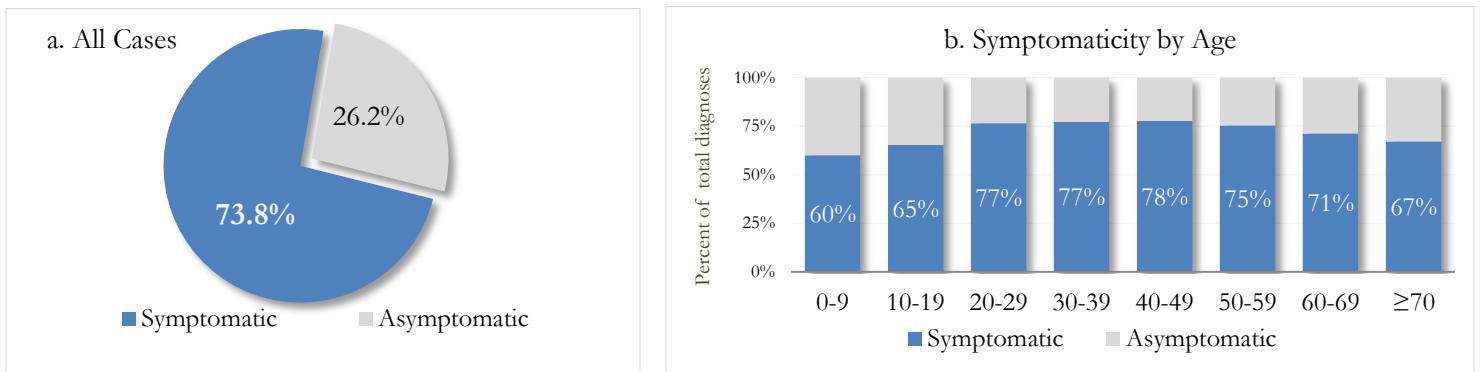
30340	24	26	0.2%	<10	<10	-
30341	25	27	0.2%	<10	<10	-
30358	<10	<10	<0.1%	0	0	-
30374	24	26	0.2%	<10	<10	-
30606	<10	<10	<0.1%	0	0	-
31150	<10	<10	<0.1%	0	0	-
30024	<10	<10	<0.1%	0	<10	-
30098	-	-	-	0	0	-
30334	10	12	<0.1%	<10	<10	-
30338	71	88	0.5%	31	44	↑ 41.9%
Unknown	1601	651	4.1%	<10	<10	-

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**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>

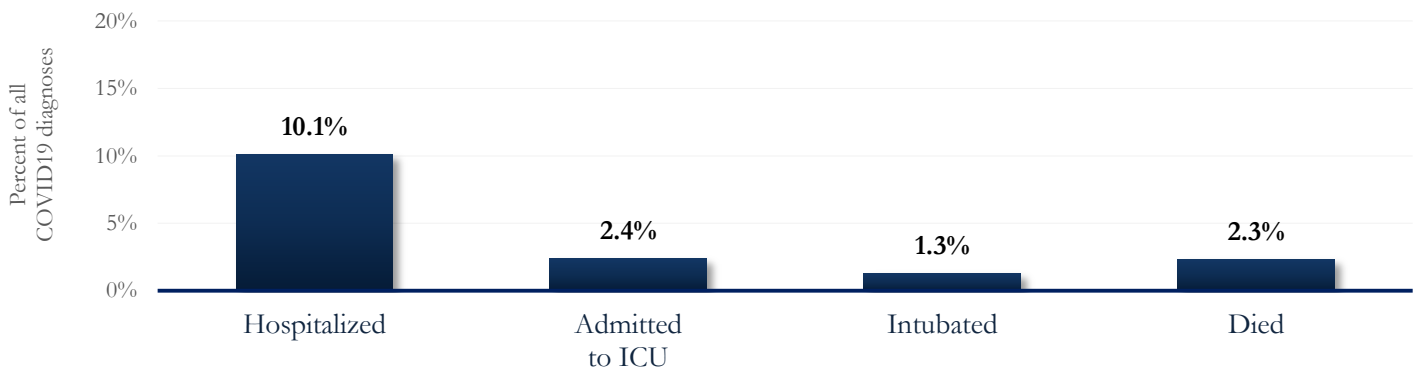
Fig. 6a & b. Proportion Reporting Symptoms in Fulton



COVID-19 cases who have been case interviewed or had medical charts reviewed as at 7/27/20 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

A. Distribution of COVID-19 diagnoses in Fulton County by Fulton Region

	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 cases	3525	7431	3325	1791	16072
Gender: Female	1693 (48.0%)	3412 (45.9%)	1778 (53.5%)	871 (48.6%)	7754 (48.2%)
Male	1666 (47.3%)	3317 (44.6%)	1308 (39.3%)	807 (45.1%)	7098 (44.2%)
Unknown	166 (4.7%)	702 (9.4%)	239 (7.2%)	113 (6.3%)	1220 (7.6%)
Age: 0-9	101 (2.9%)	113 (1.5%)	73 (2.2%)	51 (2.8%)	338 (2.1%)
10-19	395 (11.2%)	423 (5.7%)	176 (5.3%)	108 (6.0%)	1102 (6.9%)
20-29	806 (22.9%)	2120 (28.5%)	649 (19.5%)	465 (26.0%)	4040 (25.1%)
30-39	591 (16.8%)	1609 (21.7%)	659 (19.8%)	388 (21.7%)	3247 (20.2%)
40-49	561 (15.9%)	969 (13.0%)	595 (17.9%)	269 (15.0%)	2394 (14.9%)
50-59	486 (13.8%)	840 (11.3%)	482 (14.5%)	216 (12.1%)	2024 (12.6%)
60-69	290 (8.2%)	580 (7.8%)	346 (10.4%)	130 (7.3%)	1346 (8.4%)
≥70	290 (8.2%)	758 (10.2%)	338 (10.2%)	158 (8.8%)	1544 (9.6%)
Unknown	<10	19 (0.3%)	<10	<10	37 (0.2%)
Race: Asian, NH	83 (2.4%)	91 (1.2%)	12 (0.4%)	28 (1.6%)	214 (1.3%)
Black, NH	366 (10.4%)	3091 (41.6%)	1884 (56.7%)	499 (27.9%)	5840 (36.3%)
White, NH	983 (27.9%)	1172 (15.8%)	129 (3.9%)	306 (17.1%)	2590 (16.1%)
Hispanic	595 (16.9%)	396 (5.3%)	179 (5.4%)	197 (11.0%)	1367 (8.5%)
Other, NH	137 (3.9%)	185 (2.5%)	63 (1.9%)	73 (4.1%)	458 (2.8%)
Unknown	1361 (38.6%)	2496 (33.6%)	1058 (31.8%)	688 (38.4%)	5603 (34.9%)

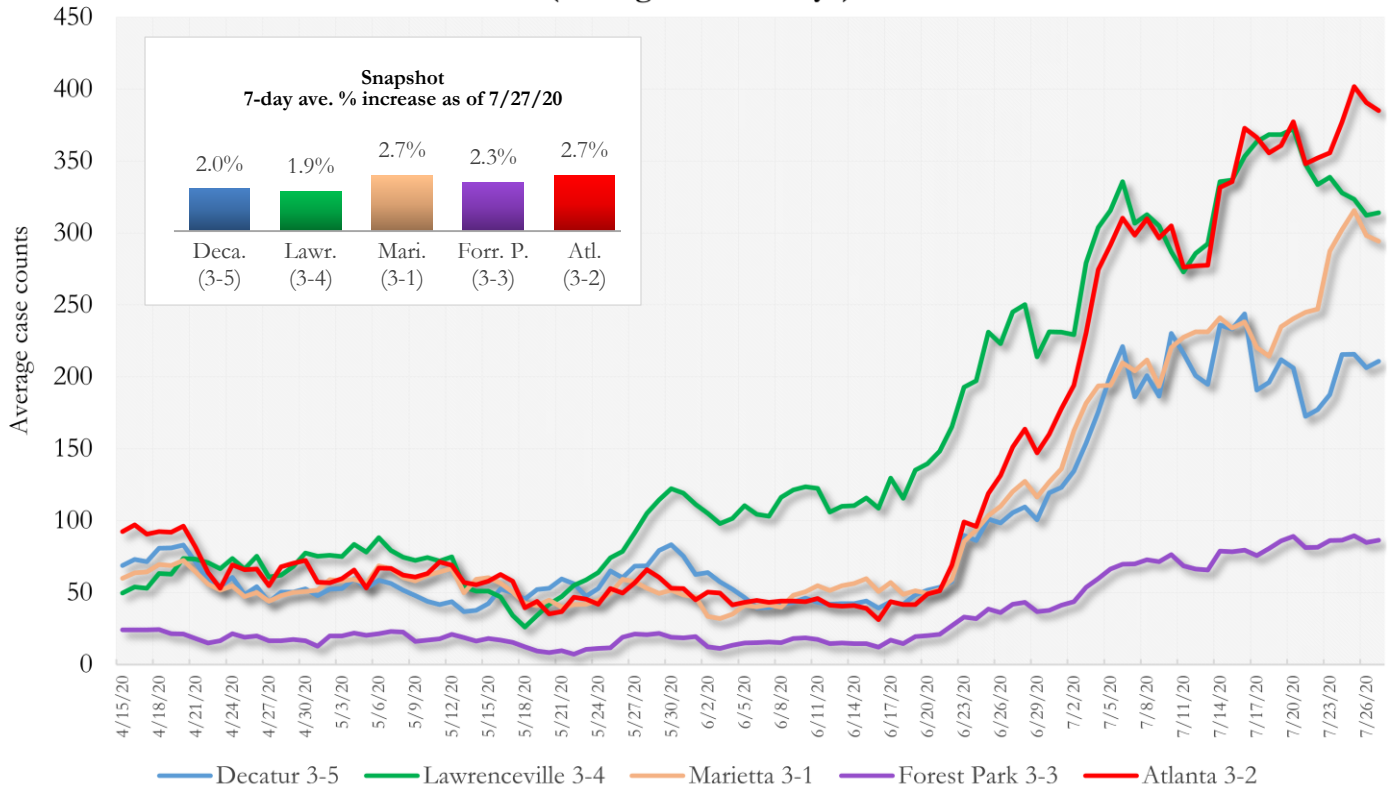
B. Distribution of COVID-19 deaths in Fulton County by Fulton Region

	North Fulton Cities ¹ Count (%)	Atlanta Count (%)	South Fulton Cities ² Count (%)	Unknown City Count (%)	All Fulton Count (%)
Total COVID-19 deaths	59	178	100	35	372
Gender: Female	23 (39.0%)	76 (42.7%)	54 (54.0%)	20 (57.1%)	173 (46.5%)
Male	36 (61.0%)	102 (57.3%)	46 (46.0%)	15 (42.9%)	199 (53.5%)
Unknown	0	0	0	0	0
Age: ≤ 29	0	<10	<10	0	<10
30-39	<10	<10	<10	<10	<10
40-49	<10	<10	<10	0	11 (3.0%)
50-59	<10	12 (6.7%)	10	<10	26 (7.0%)
60-69	<10	33 (18.5%)	26 (26.0%)	<10	68 (18.3%)
≥70	46 (78.0%)	124 (69.7%)	58 (58.0%)	29 (82.9%)	257 (69.1%)
Unknown	0	0	0	0	0
Race: Asian, NH	0	<10	0	<10	<10
Black, NH	12 (20.3%)	149 (83.7%)	87 (87.0%)	18 (51.4%)	266 (71.5%)
White, NH	44 (74.6%)	20 (11.2%)	<10	14 (40.0%)	87 (23.4%)
Hispanic	<10	<10	<10	<10	11 (3.0%)
Other, NH	0	<10	<10	0	<10
Unknown	0	<10	0	0	<10

¹Includes all Fulton County cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park) ²Includes all cities south of Atlanta (College Park, Chattahoochee Hills, East Point, Hapeville, Palmetto, South Fulton, Fairburn, Union City). **Note:** All data reported are preliminary and subject to change.

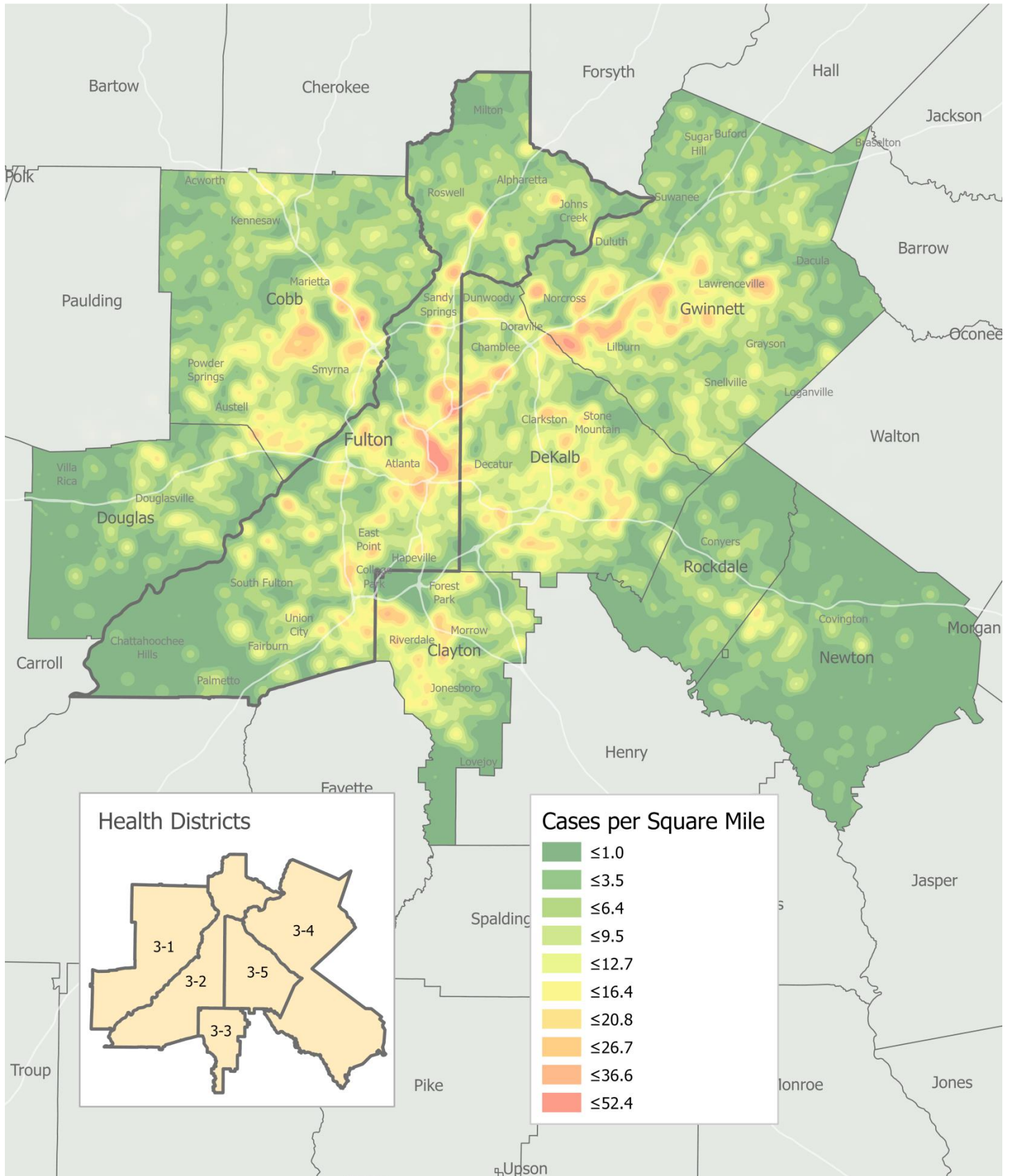
COVID-19 CASE TRENDS IN FULTON AND SURROUNDING DISTRICTS

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



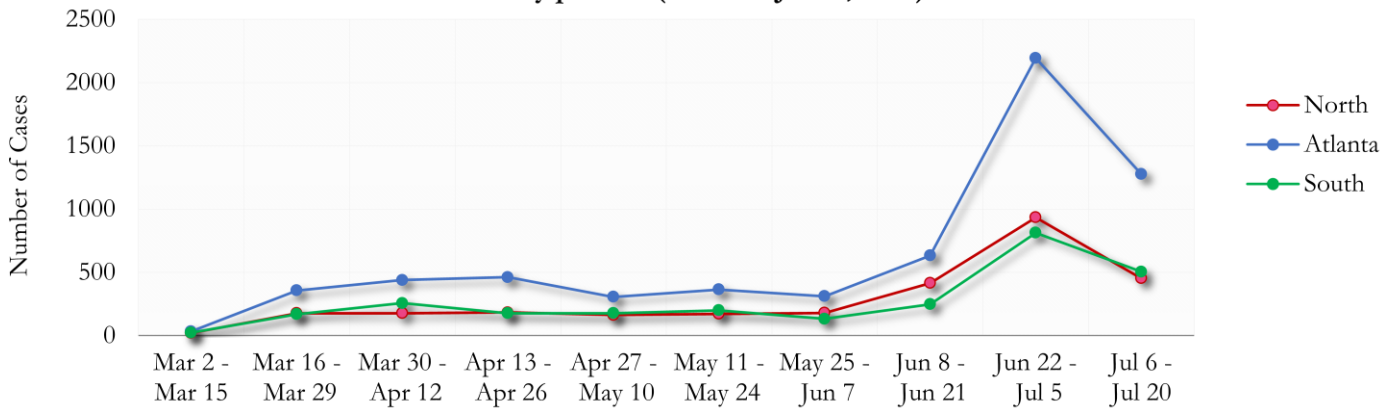
*Graph shows the average number of cases calculated from the daily cumulative case counts in the metro Atlanta districts. Increases in daily cumulative case counts may include cases diagnosed earlier during the pandemic but were only recently reported to the state as cases diagnosed belonging to these districts.

Fig. 9. COVID-19 Cases in Fulton County and Surrounding Districts (Jul 07 – Jul 20, 2020)



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

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 cities north of Atlanta metro (Alpharetta, Milton, Johns Creek, Roswell, Sandy Springs, Mountain Park)

*South - Includes all Fulton 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)

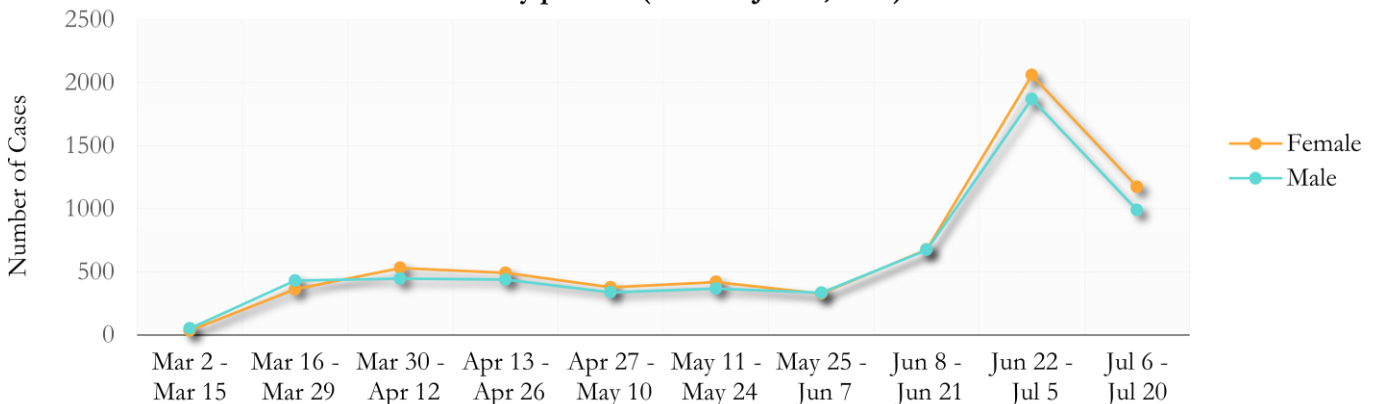
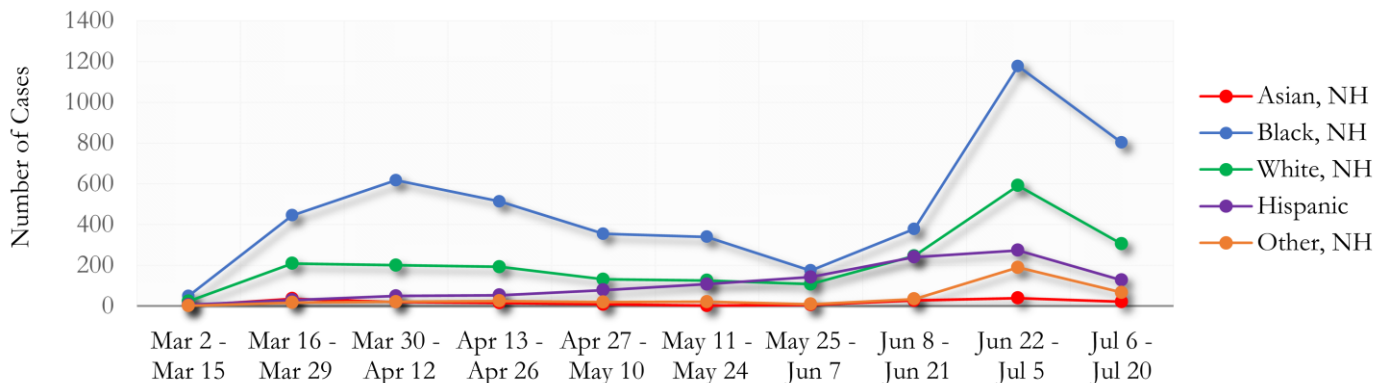


Fig. 12. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20, 2020)



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)

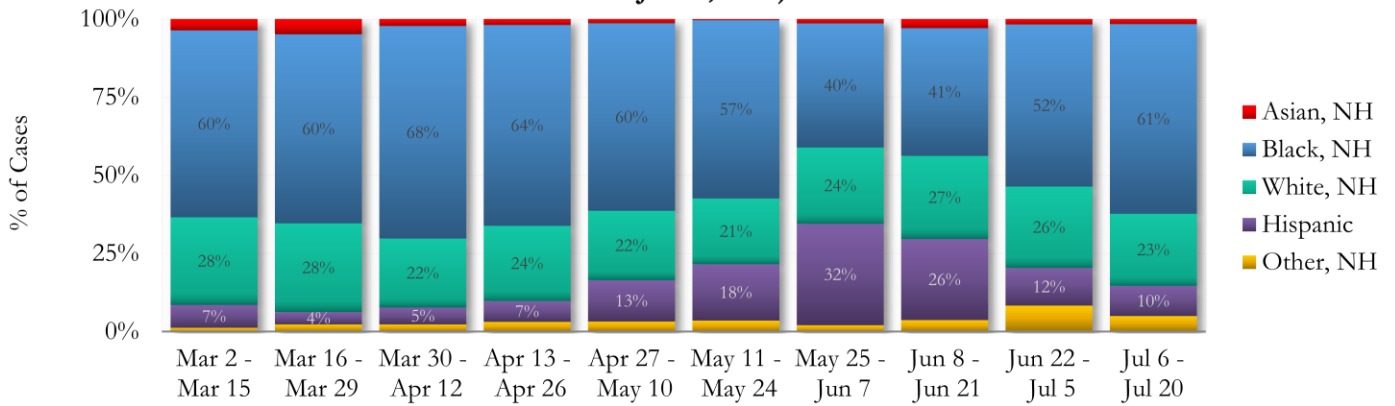
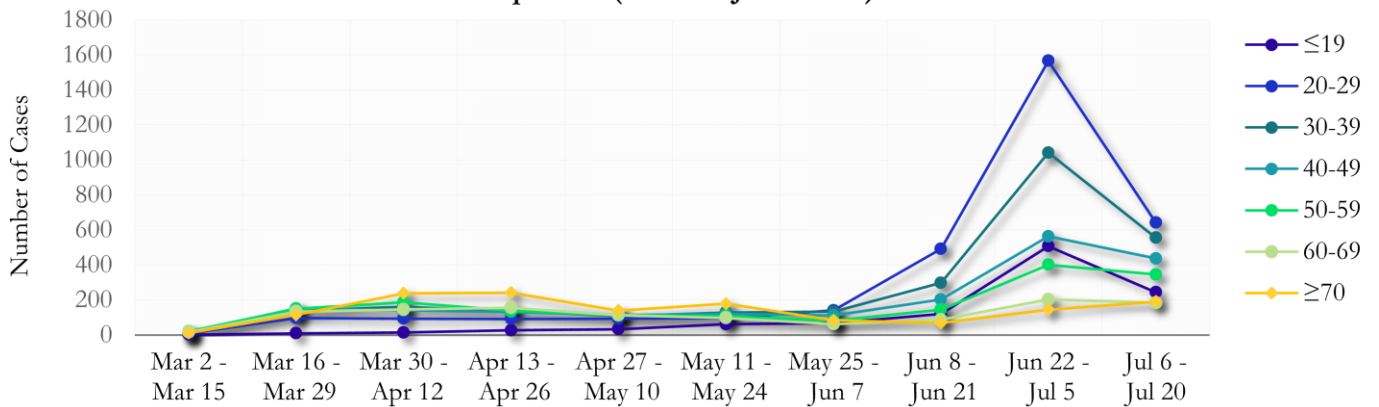
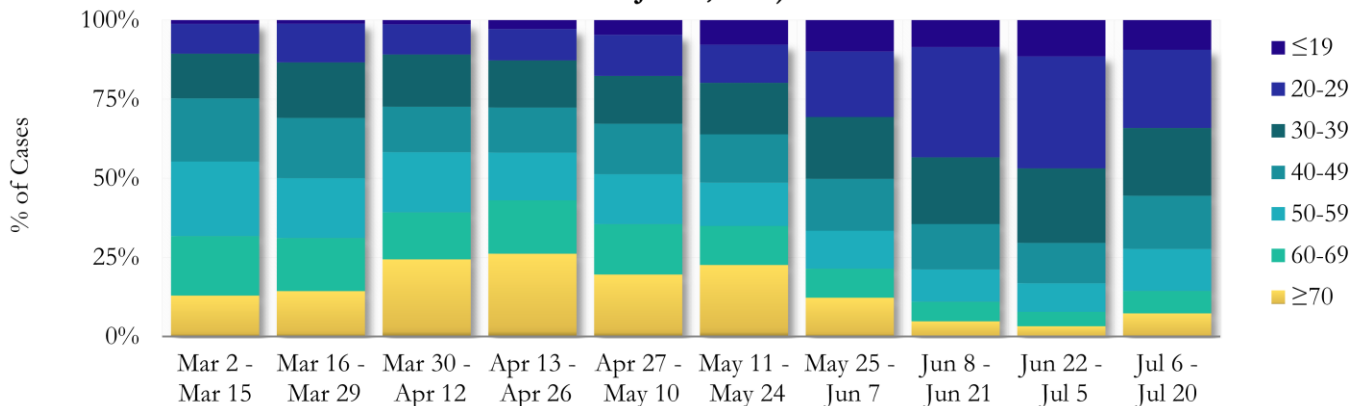


Fig. 14. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 20 2020)



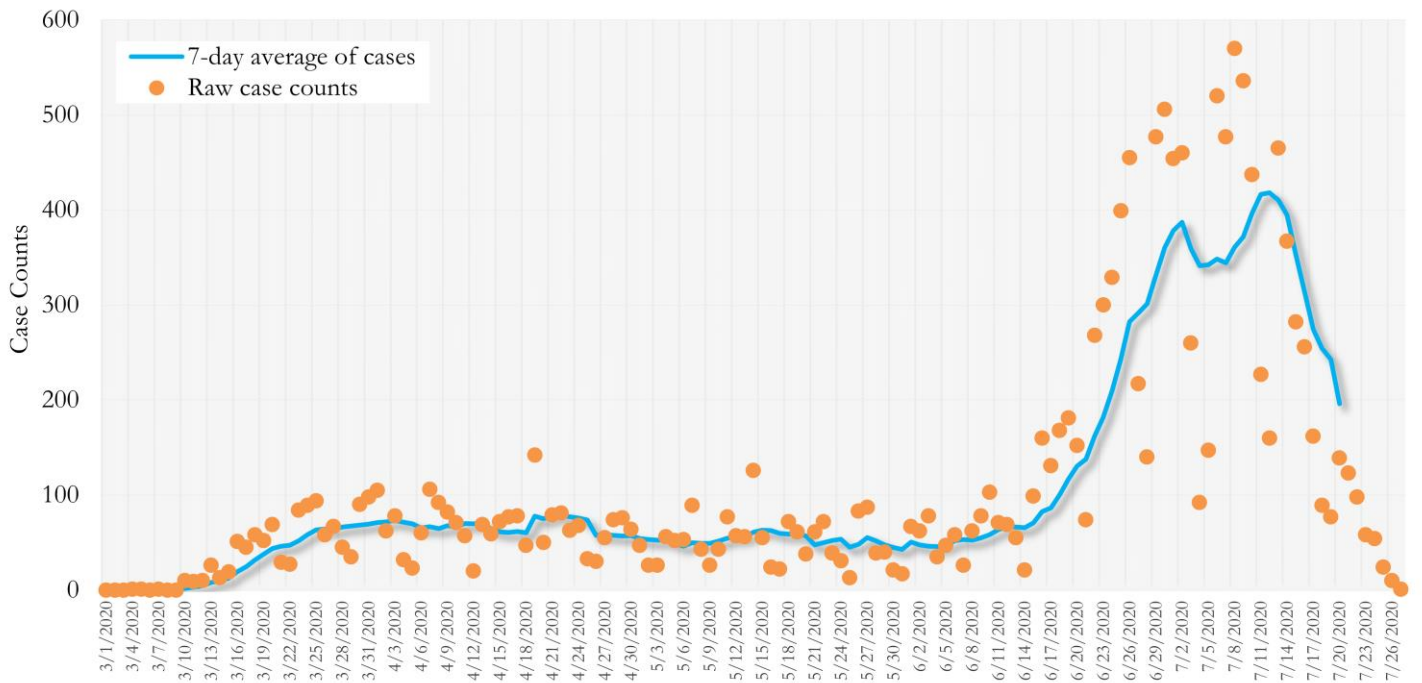
Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. However, starting in June, a much higher number of cases were among persons aged between 20-29 years.

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



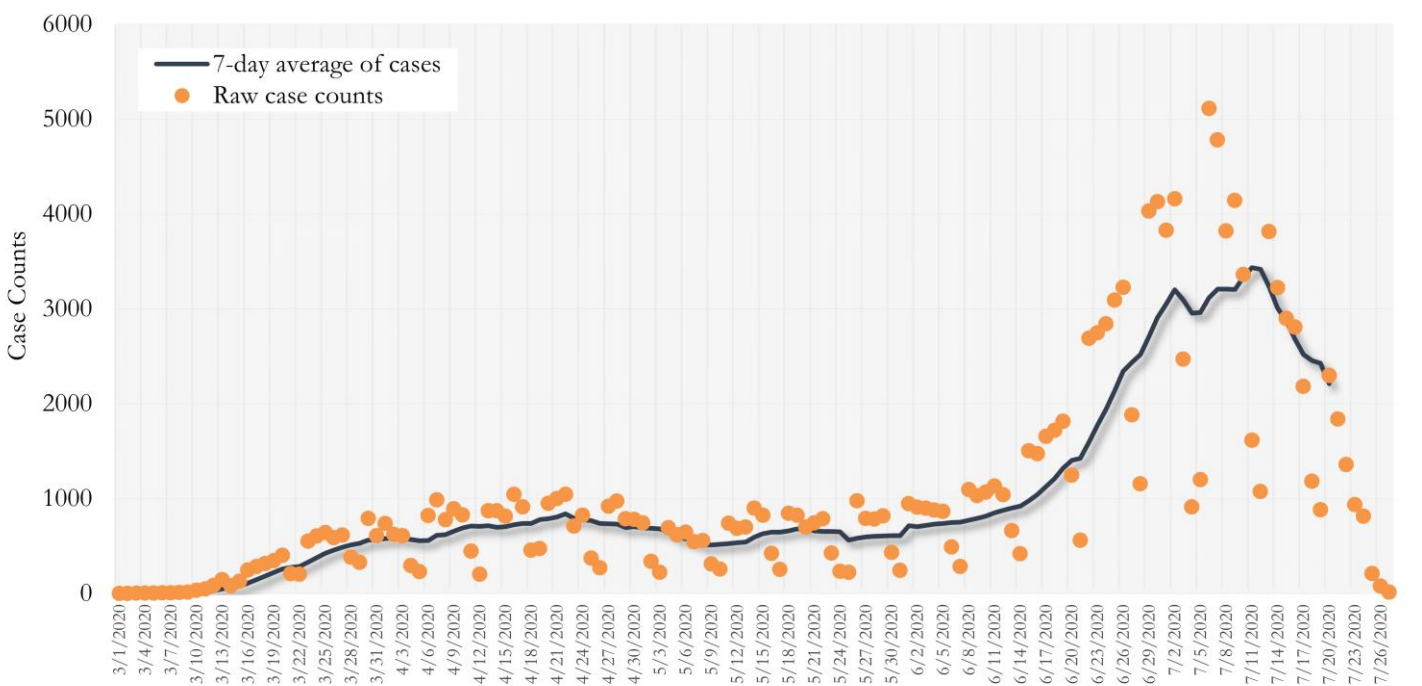
TRENDS IN COVID-19 CASES, HOSPITALIZATIONS AND DEATHS (7-DAY MOVING AVE.)

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



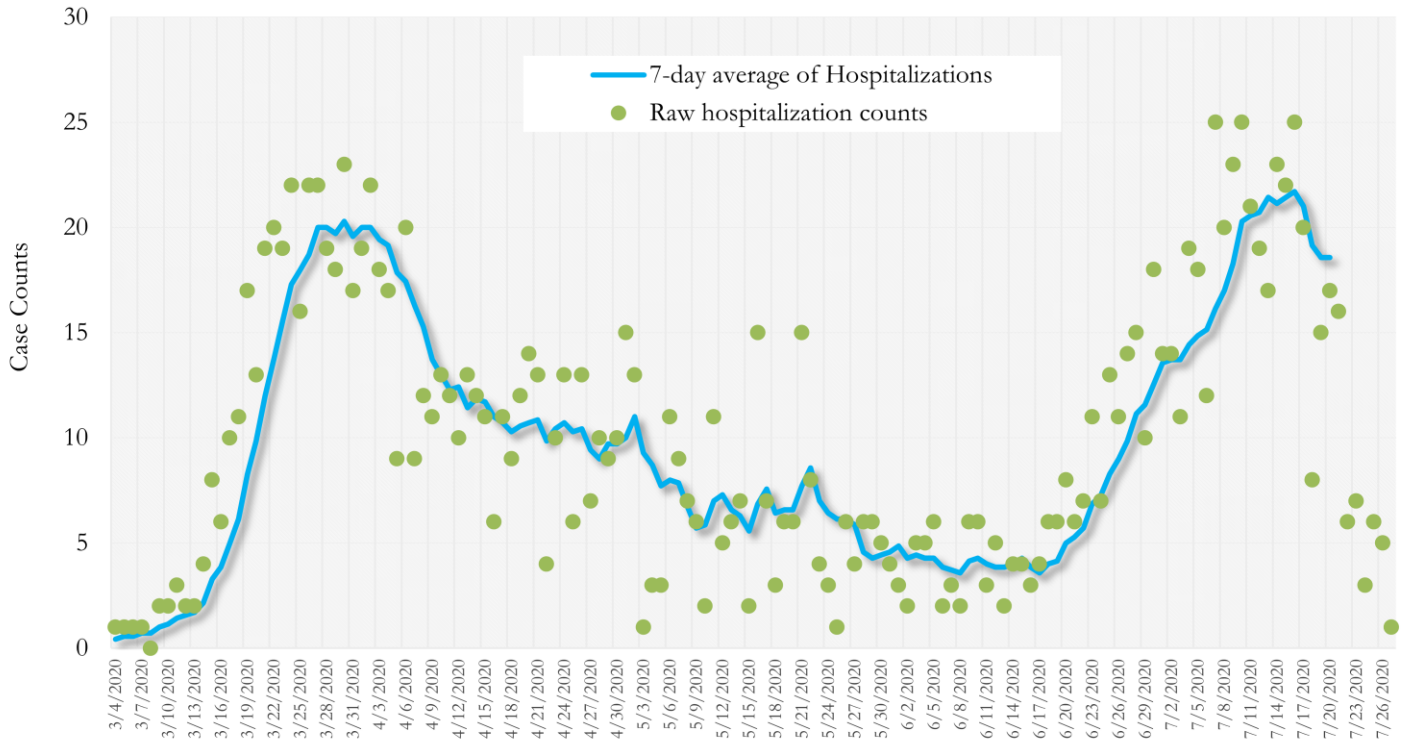
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph reflects trend in the cases based primarily on the date each test was performed.

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



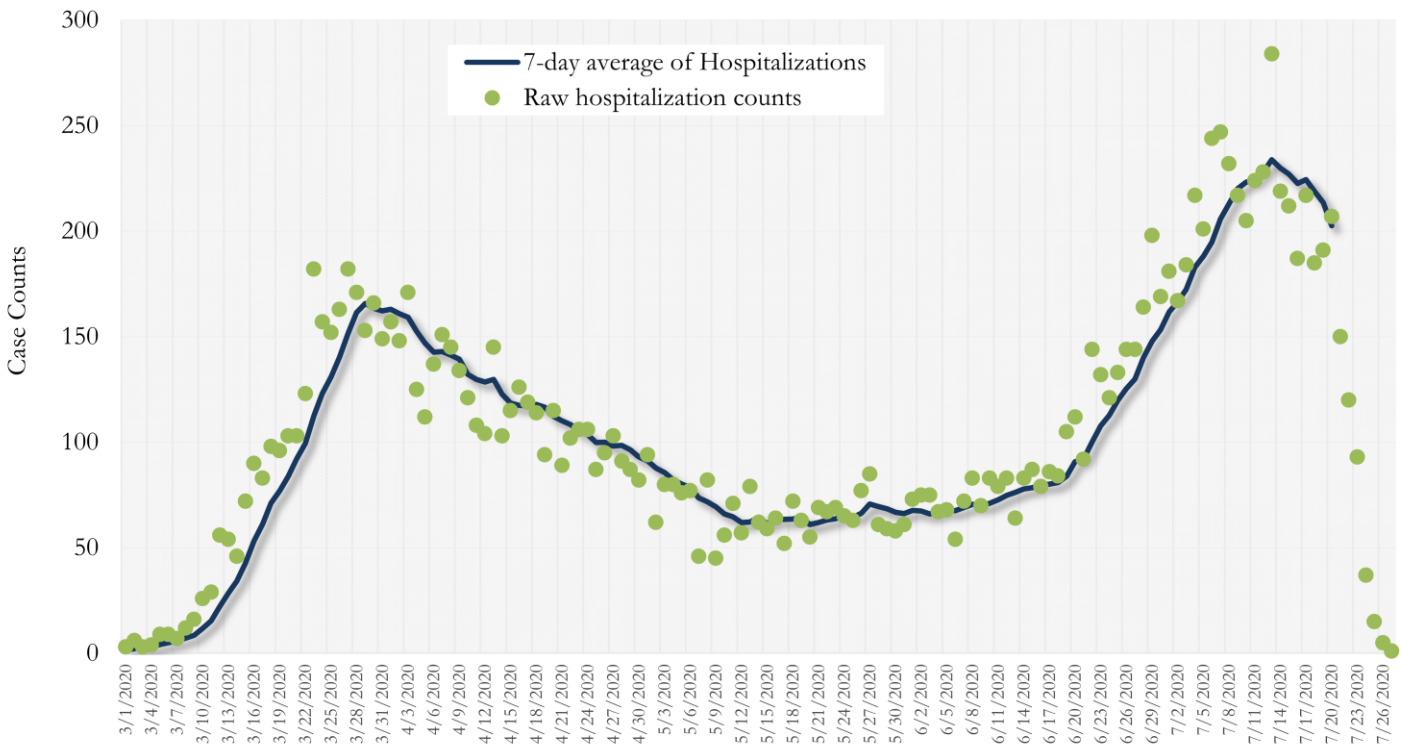
*Date of collection of first positive sample used (report creation date used where sample collection date is missing). Graph reflects trend in the cases based primarily on the date each test was performed.

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



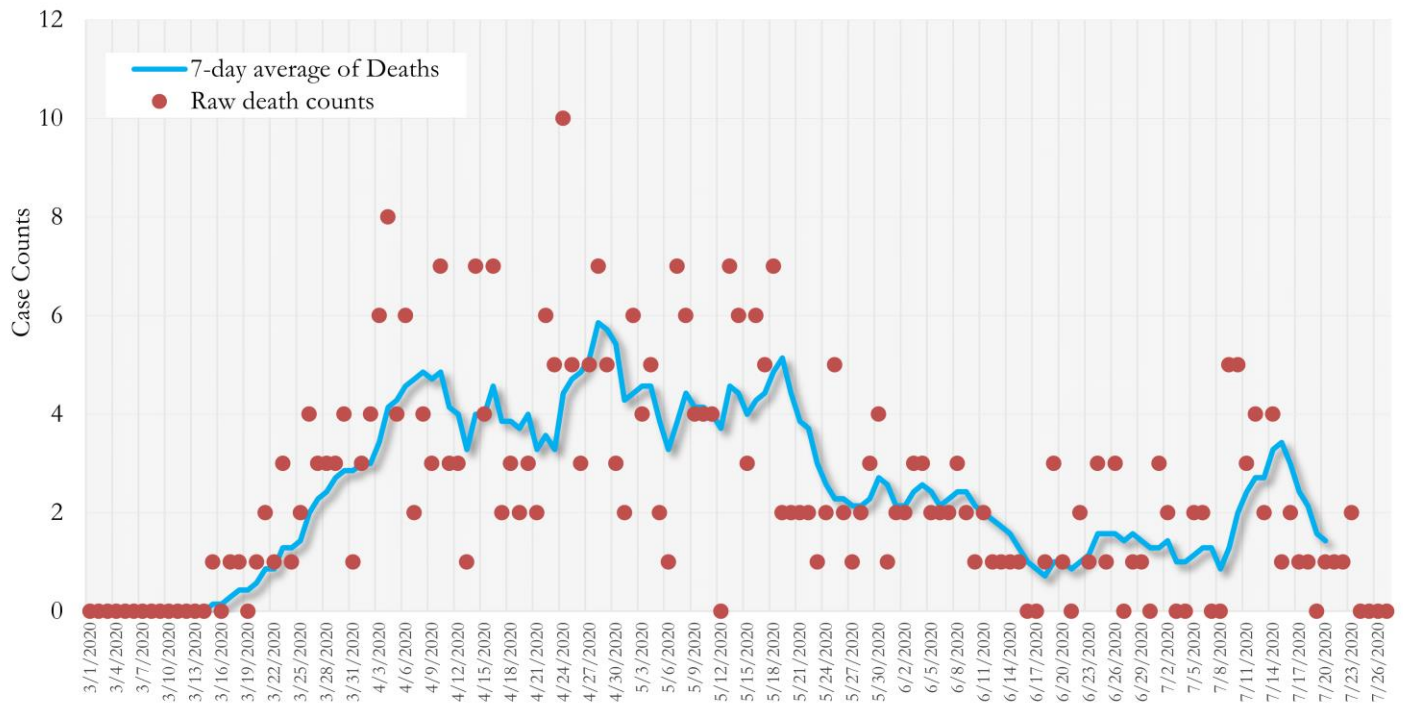
*Reported date of hospital admission used. Graph reflects the trend in hospitalization based on the date of hospital admission.

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



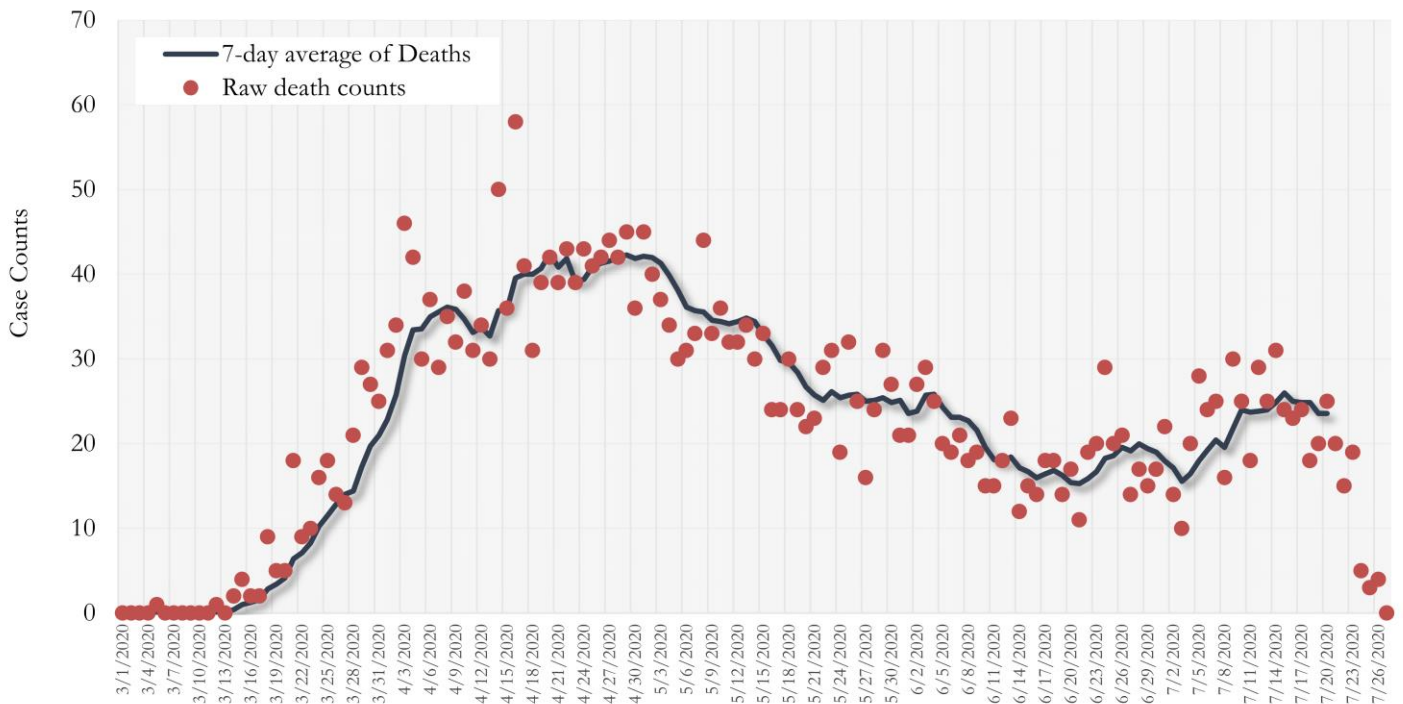
*Reported date of hospital admission used. Graph reflects the trend in hospitalization based on the date of hospital admission.

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



*Reported date of death used. Graph reflects trend in deaths based on the reported date of death.

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

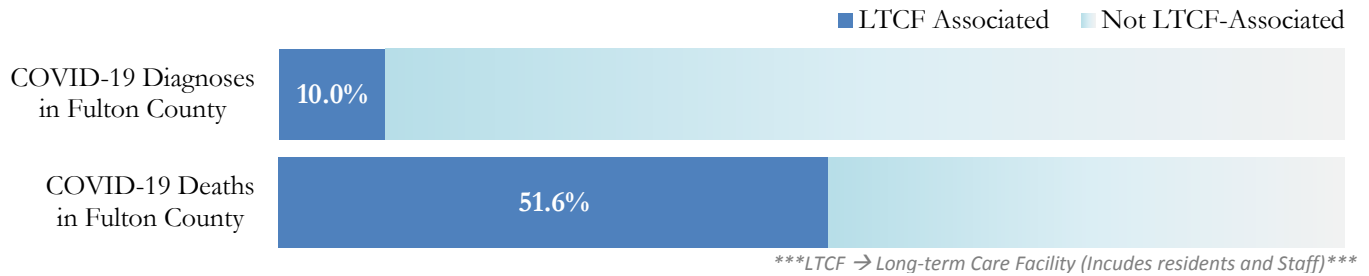


*Reported date of death used. Graph reflects trend in deaths based on the reported date of death.

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

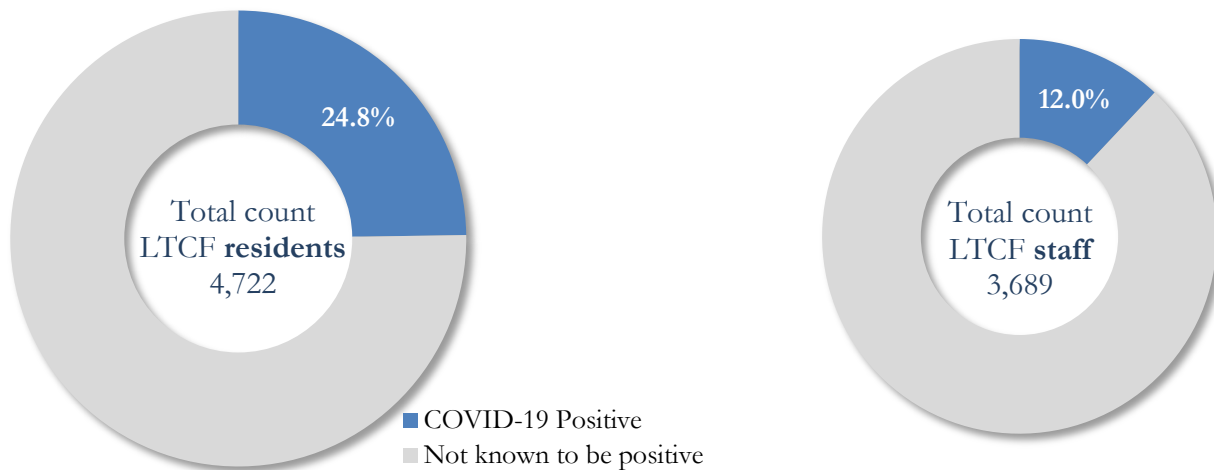
Older persons (aged 65 years and older) and persons who live in nursing homes or other long-term care facilities seem to be at higher risk for developing more serious complications from COVID-19. Extra precautions are recommended for individuals within this risk groups – Centers for Disease Control and 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



COVID-19 POSITIVITY:

Fig. 23. COVID-19 Positivity at 59 reporting Long-Term Care Facilities (LTCF) in Fulton County



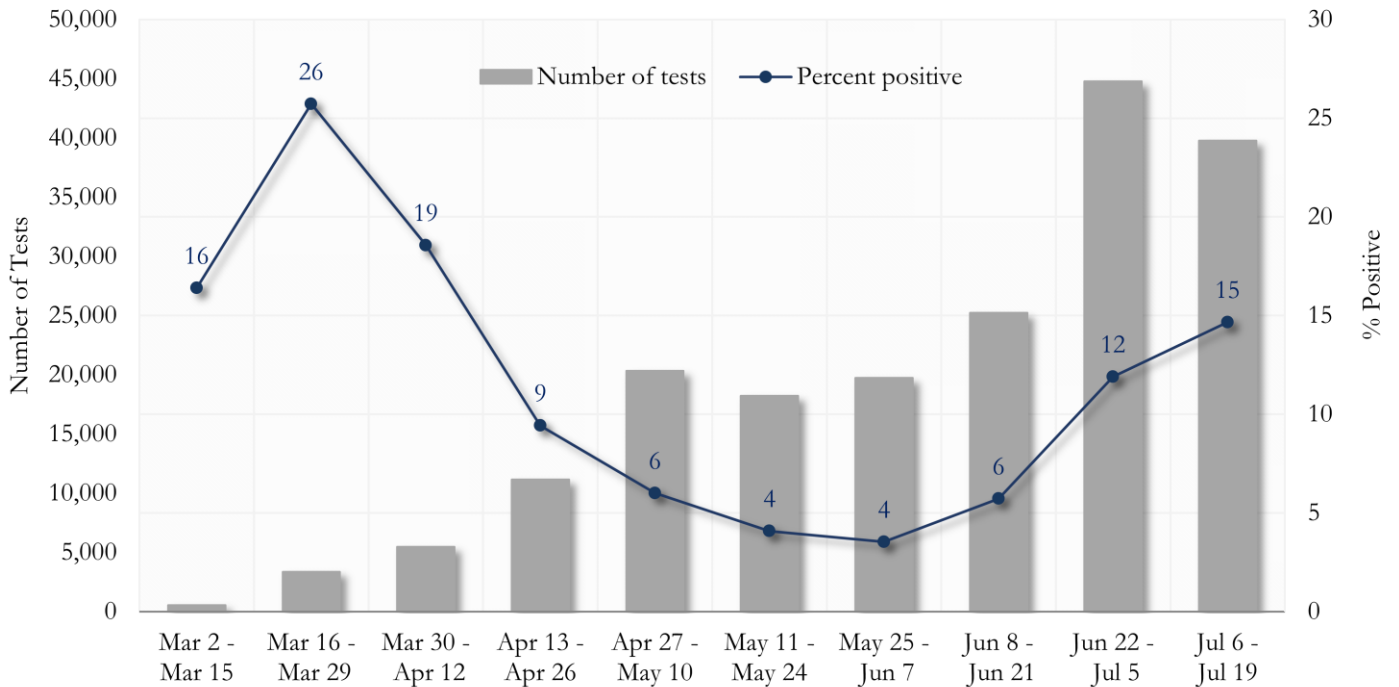
COVID-19 Cases, Hospitalizations, and Deaths among 59 reporting Long-Term Care Facilities in Fulton County

	LTCF Residents (n=4,722)			LTCF Staff (n=3,689)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	20	5	3	8	1	<0.1
Median (count per fac.) ¹	4	2	0	4	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	136	48	29	46	8	1
Total Count	1169 (24.8%)^a	275 (23.5%)^b	190 (16.3%)^b	449 (12.2%)^a	30 (7.0%)^b	2 (<0.1%)^b

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

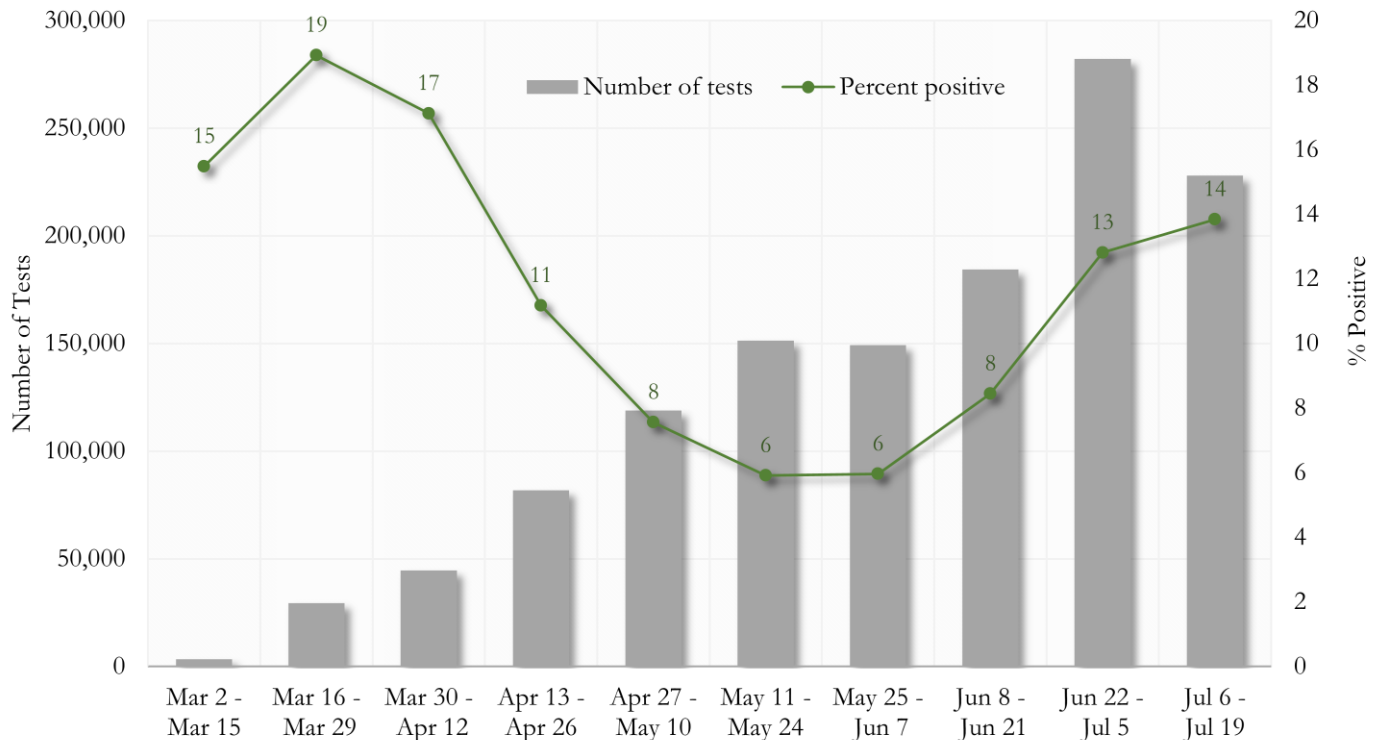
COVID-19 TESTING AND POSITIVITY IN FULTON COUNTY

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



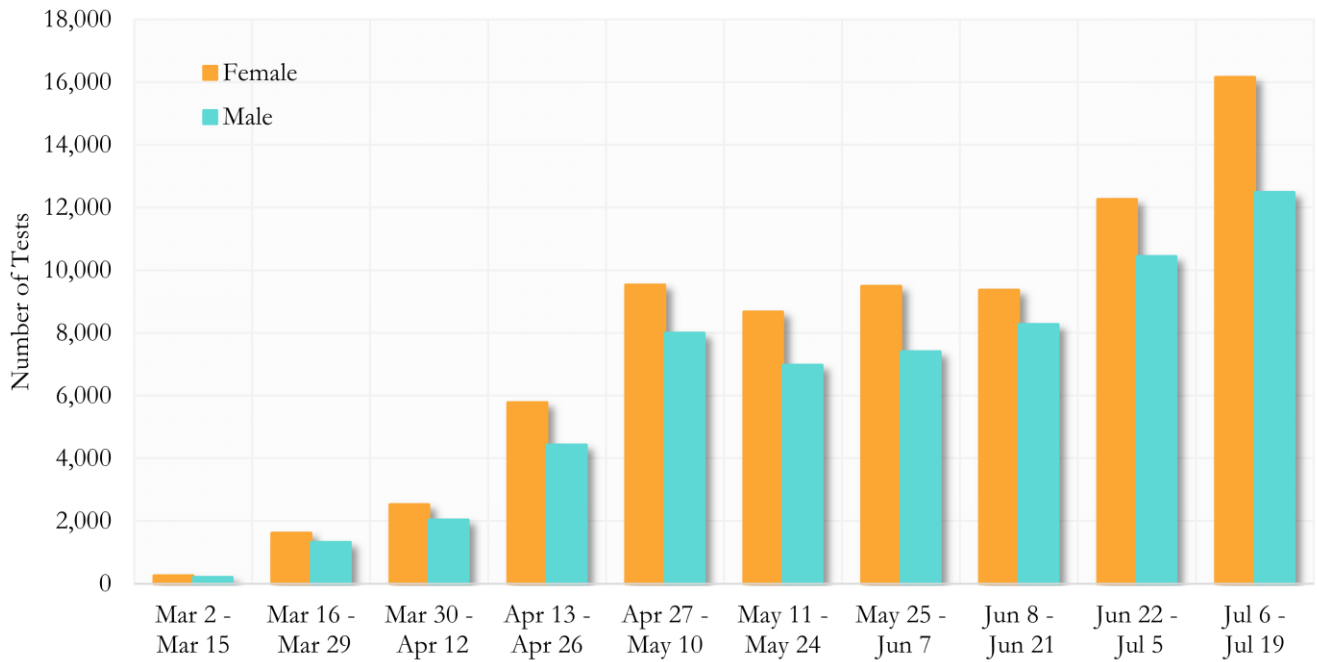
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



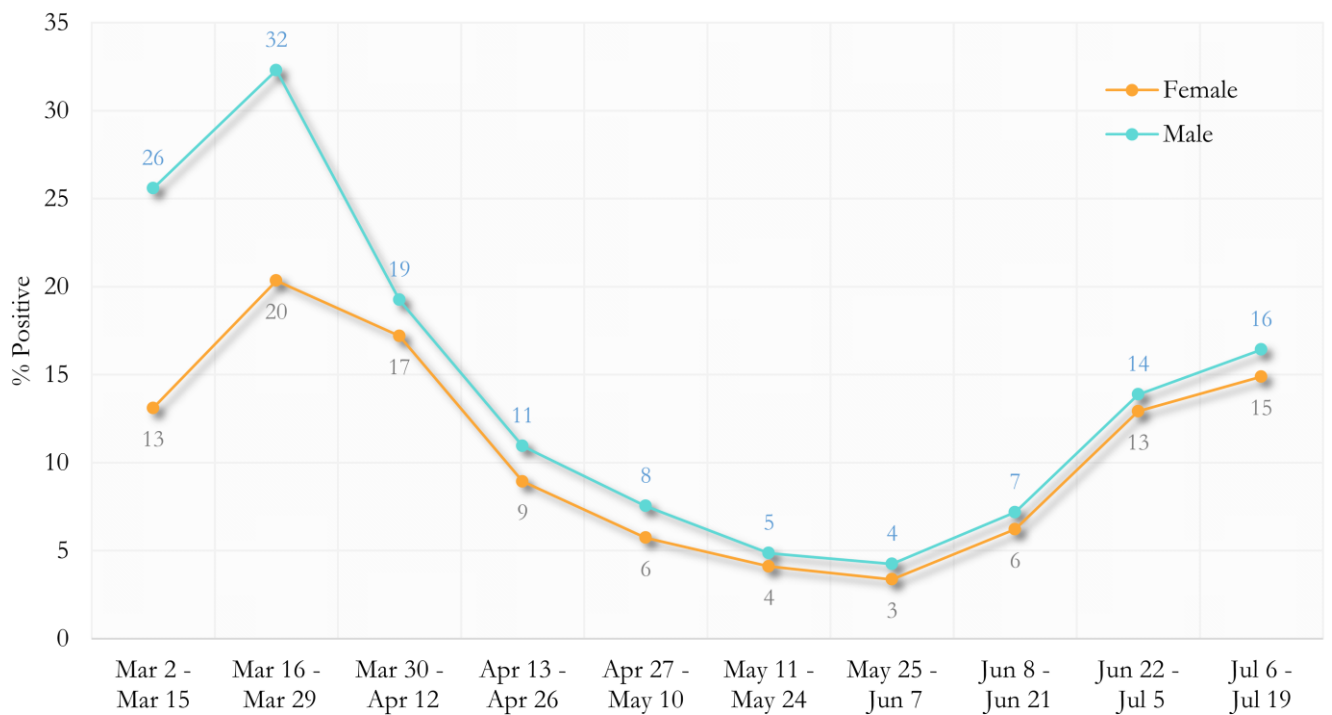
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



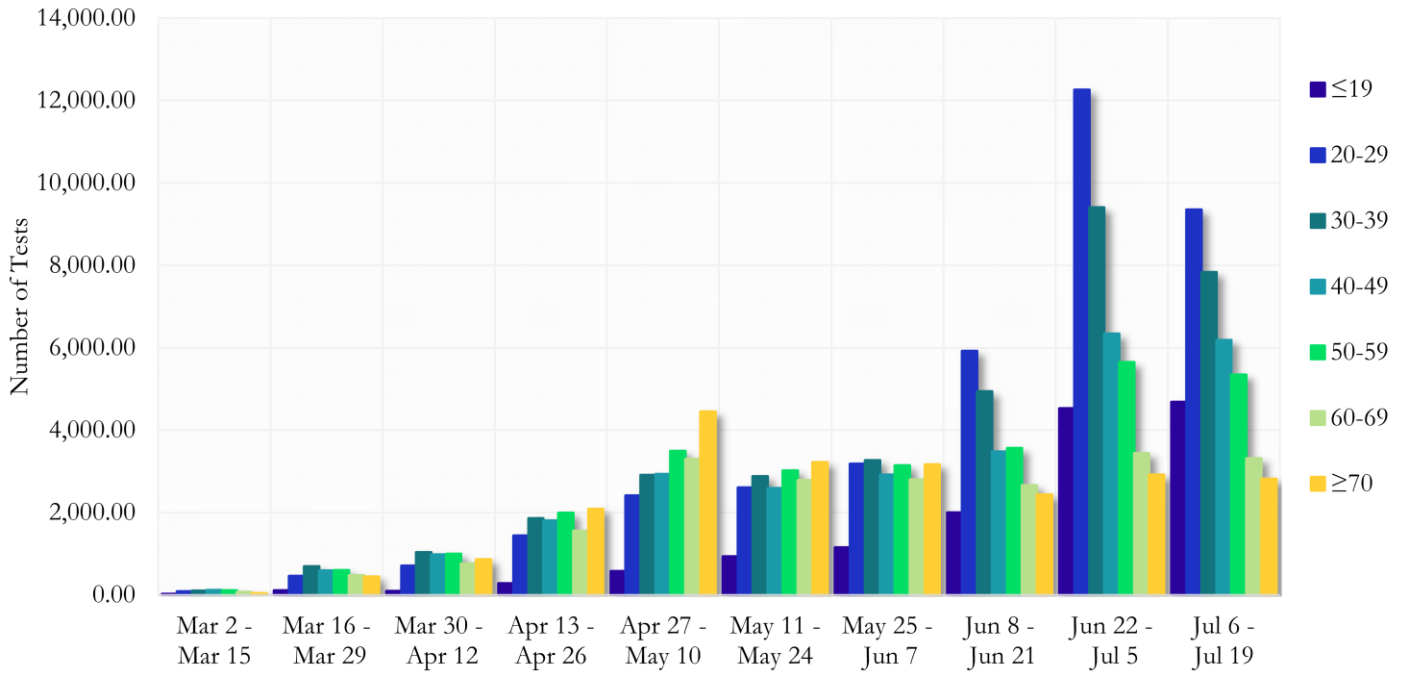
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



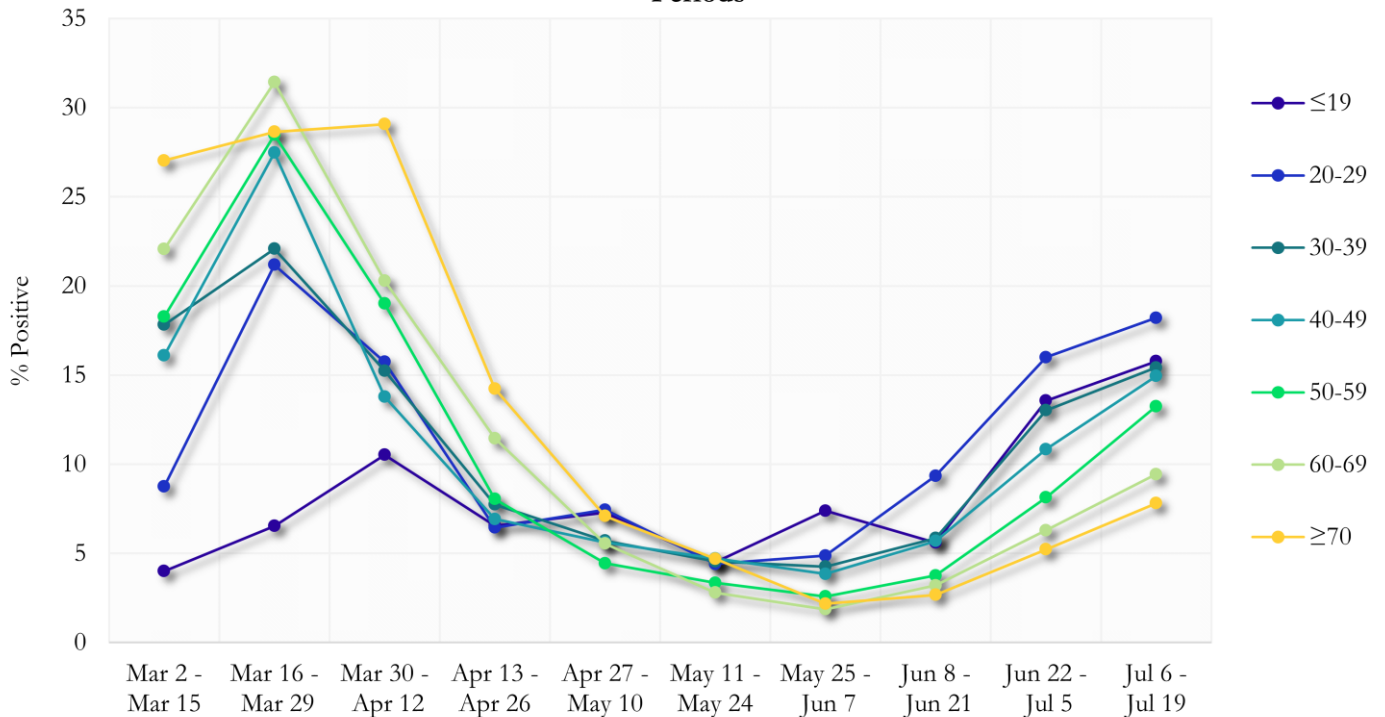
*Data on Polymerase Chain Reaction (PCR) tests only included.

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



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

Fig. 29. 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. 30. COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

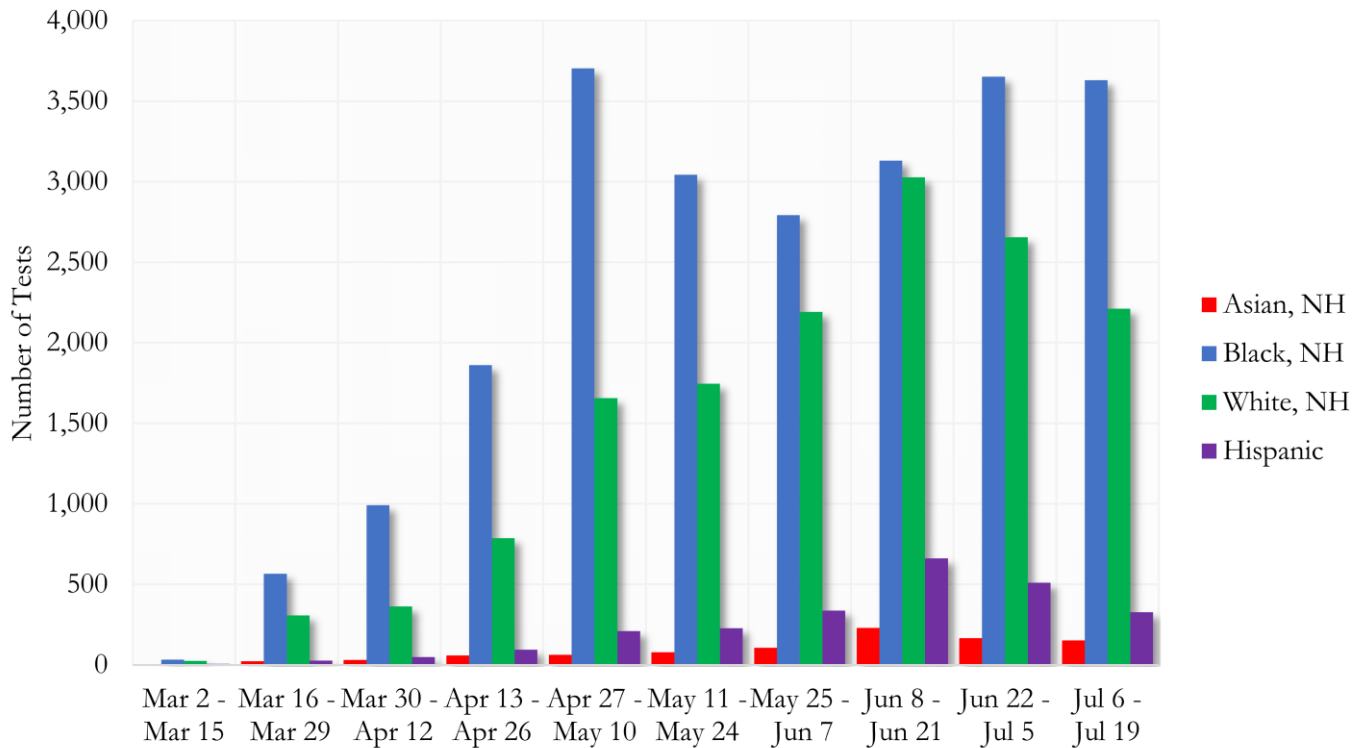


Fig. 31. Percent Positive COVID-19 Tests by Race and Ethnicity in Fulton County by 14-day Periods

