

SUMMARY

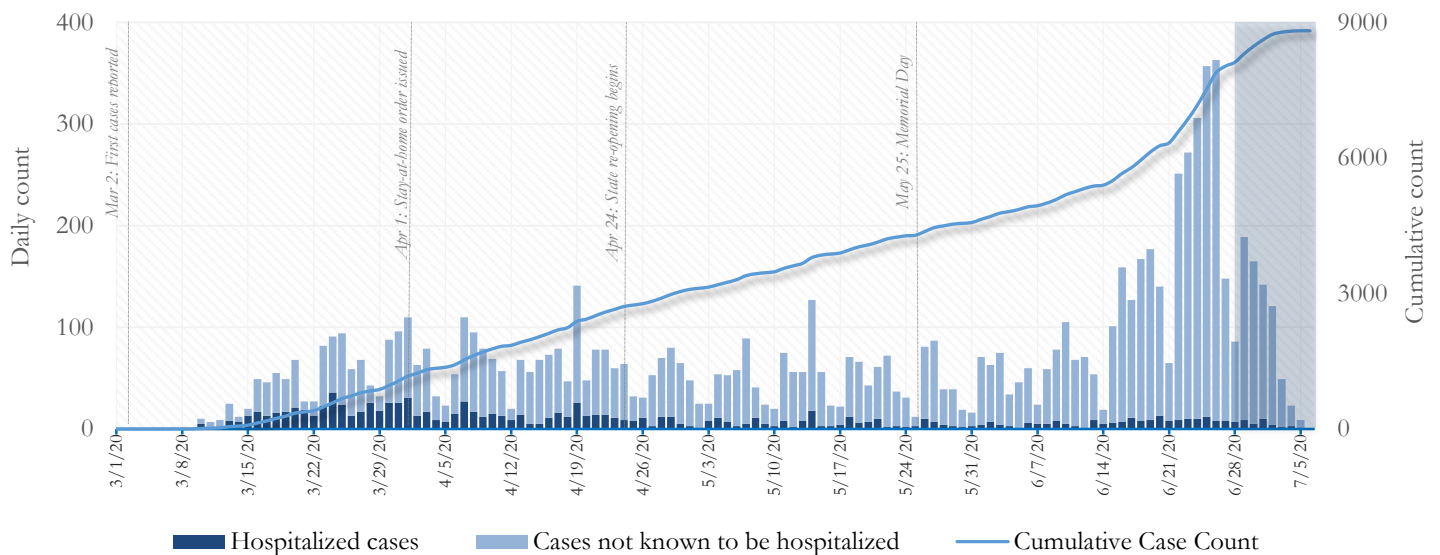
As of July 6, 2020, Fulton County has recorded **8,813** cases of the 2019 novel coronavirus (COVID-19) and **315** deaths. Of 2,908 **new diagnoses** made between June 15 and June 28, the central portion of the county (Atlanta metro) accounted for 50% while the northern and southern parts accounted for 24% and 18% respectively.

By city, **new** COVID-19 diagnoses rates range from 111.2 per 100,000 persons (Johns Creek) to 364.7 per 100,000 persons (Hapeville). [Fulton County Diagnoses Rates (per 100,000 persons): Cumulative – 828.3; Incident – 273.3]. See map showing incident case rate by ZIP code on Pg.4.

Among all persons diagnosed with COVID-19 in Fulton County, 13.1% required hospitalization and 3.6% died.

Residents and staff of long-term care facilities account for 14% of COVID-19 diagnoses and 57% of COVID-19 deaths in Fulton County.

Daily and Cumulative COVID-19 diagnoses in Fulton County, GA



*Counts shown reflect the number of confirmed cases as of 9:00am on 7/06/20 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.

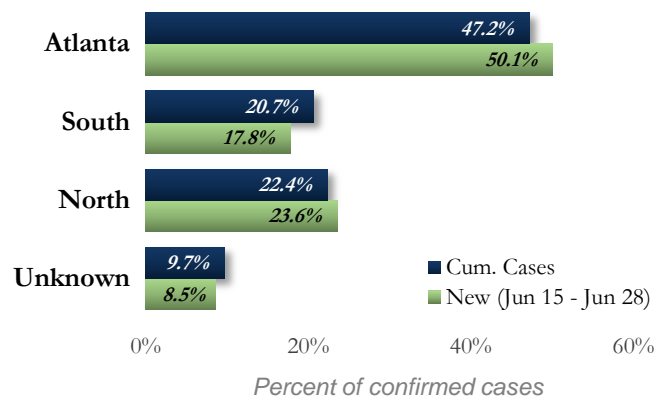
DISTRIBUTION OF COVID-19 DIAGNOSES BY REGION

New cases: 50% of the new COVID-19 cases diagnosed in the past 2 weeks occurred in Atlanta while 24% and 18% occurred in the Northern and Southern regions of the county respectively.

Fulton Region	% Cumulative count	% New cases*
Atlanta	47.2%	50.1%
North ¹	22.4%	23.6%
South ²	20.7%	17.8%
Unincorporated/Unknown	9.7%	8.5%

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 6/8/20 – 6/22/20).

Distribution of COVID 19 cases by Region

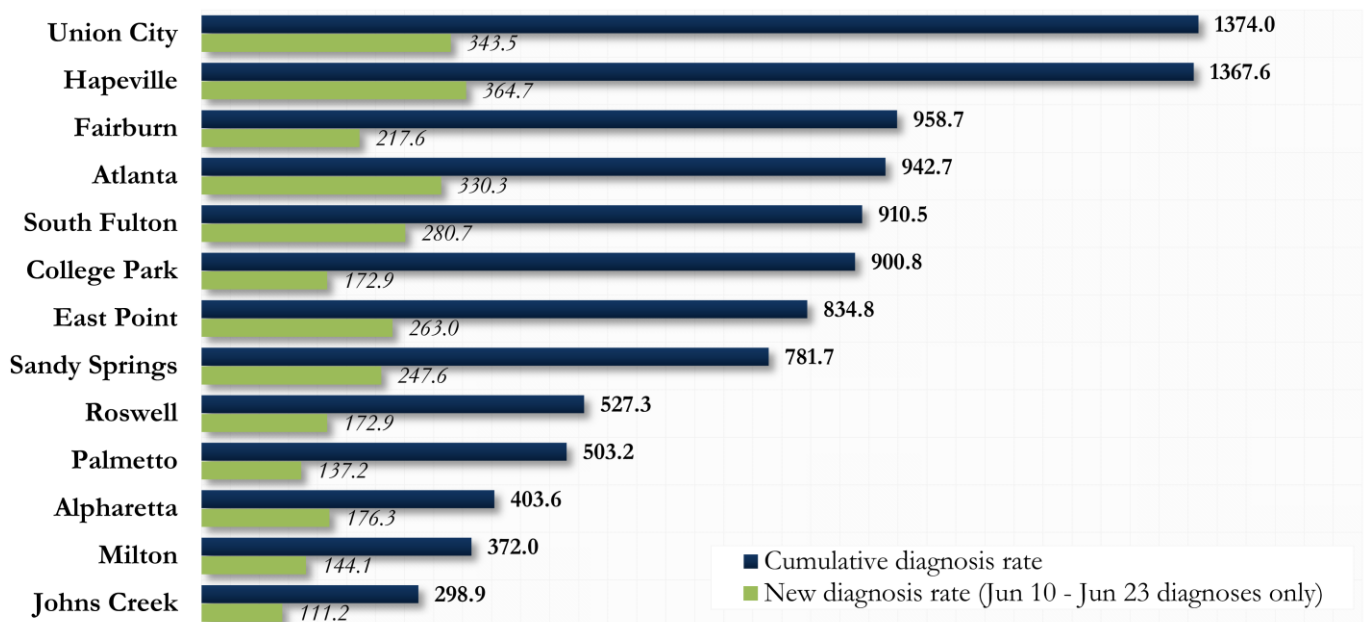


COVID-19 CASE COUNTS AND RATES BY CITY

	Prior (7/01/20)	Current Total (7/06/20)			New Cases (Period: 6/01/20 – 6/28/20) ¹			
	Count	Count	%	Cum. Rate ²	Ist 14 d. (6/01-6/14)	Last 14 d. (6/15-6/28)	% change ³	Rate ⁴ (Last 14 d.)
Atlanta	3331	4159	47.2%	942.7	359	1457	↑ 305.8%	330.3
South Fulton	707	866	9.8%	910.5	54	267	↑ 394.4%	280.7
Sandy Springs	728	824	9.3%	781.7	106	261	↑ 146.2%	247.6
Roswell	433	497	5.6%	527.3	71	163	↑ 129.6%	172.9
East Point	227	292	3.3%	834.8	22	92	↑ 318.2%	263.0
Johns Creek	202	250	2.8%	298.9	32	93	↑ 190.6%	111.2
Union City	248	288	3.3%	1374.0	14	72	↑ 414.3%	343.5
Alpharetta	201	261	3.0%	403.6	20	114	↑ 470.0%	176.3
Milton	109	142	1.6%	372.0	18	55	↑ 205.6%	144.1
Fairburn	123	141	1.6%	958.7	19	32	↑ 68.4%	217.6
College Park	106	125	1.4%	900.8	<10	24	↑ 242.9%	172.9
Palmetto	20	22	0.2%	503.2	<10	<10	↑ 500.0%	137.2
Hapeville	81	90	1.0%	1367.6	28	24	↓ 14.3%	364.7
Mountain Park	0	0	0.0%	-	0	0	-	0
Unknown	695	856	9.7%	-	75	242	-	-

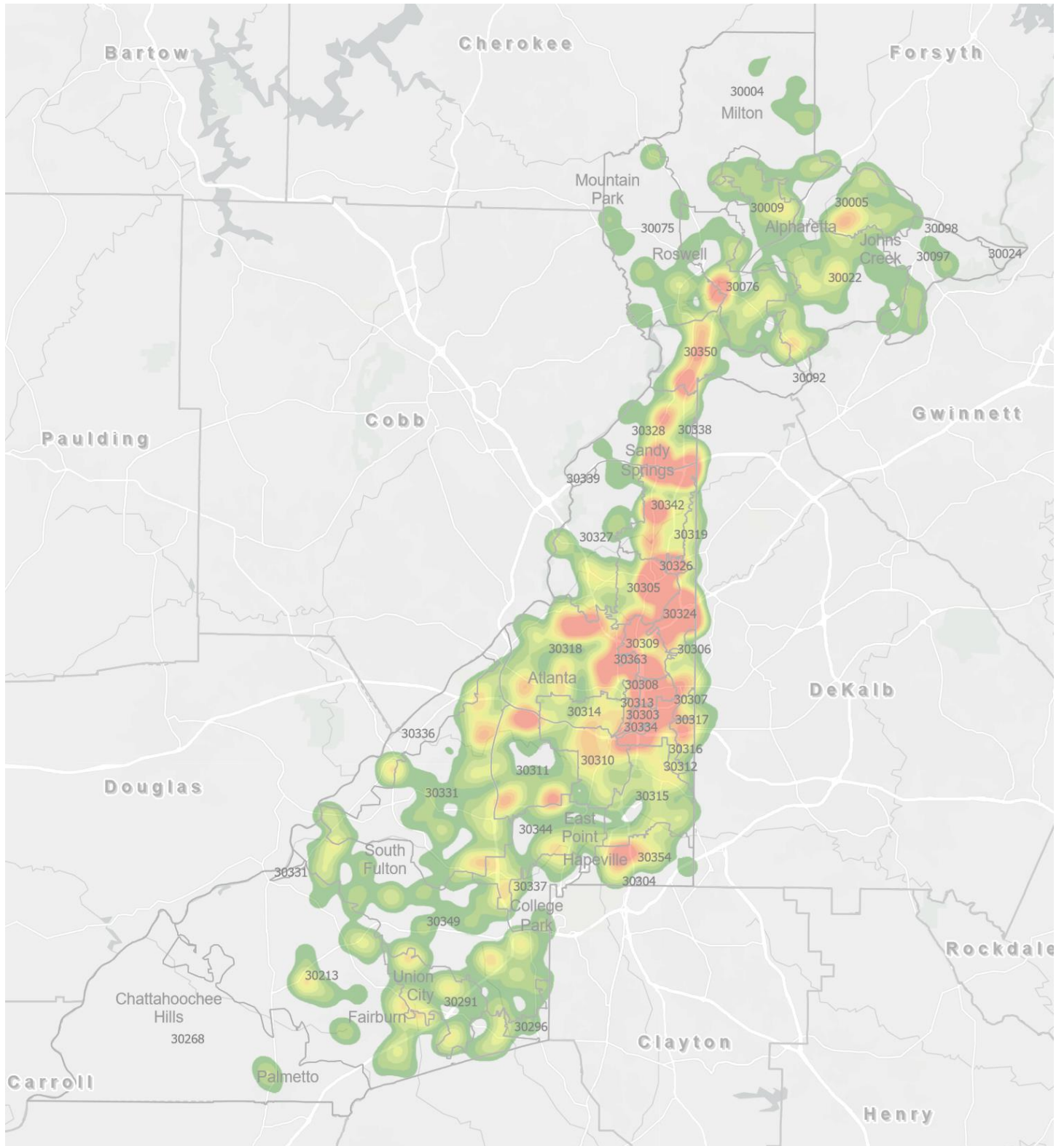
¹**New cases:** Cases diagnosed in most recent 28 days (based on reported dates of positive sample collection). To allow for lag in reporting results of new diagnoses from samples collected in the most recent week, data used for incident diagnoses analyses were moved back by one week. ²**Cumulative diagnosis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



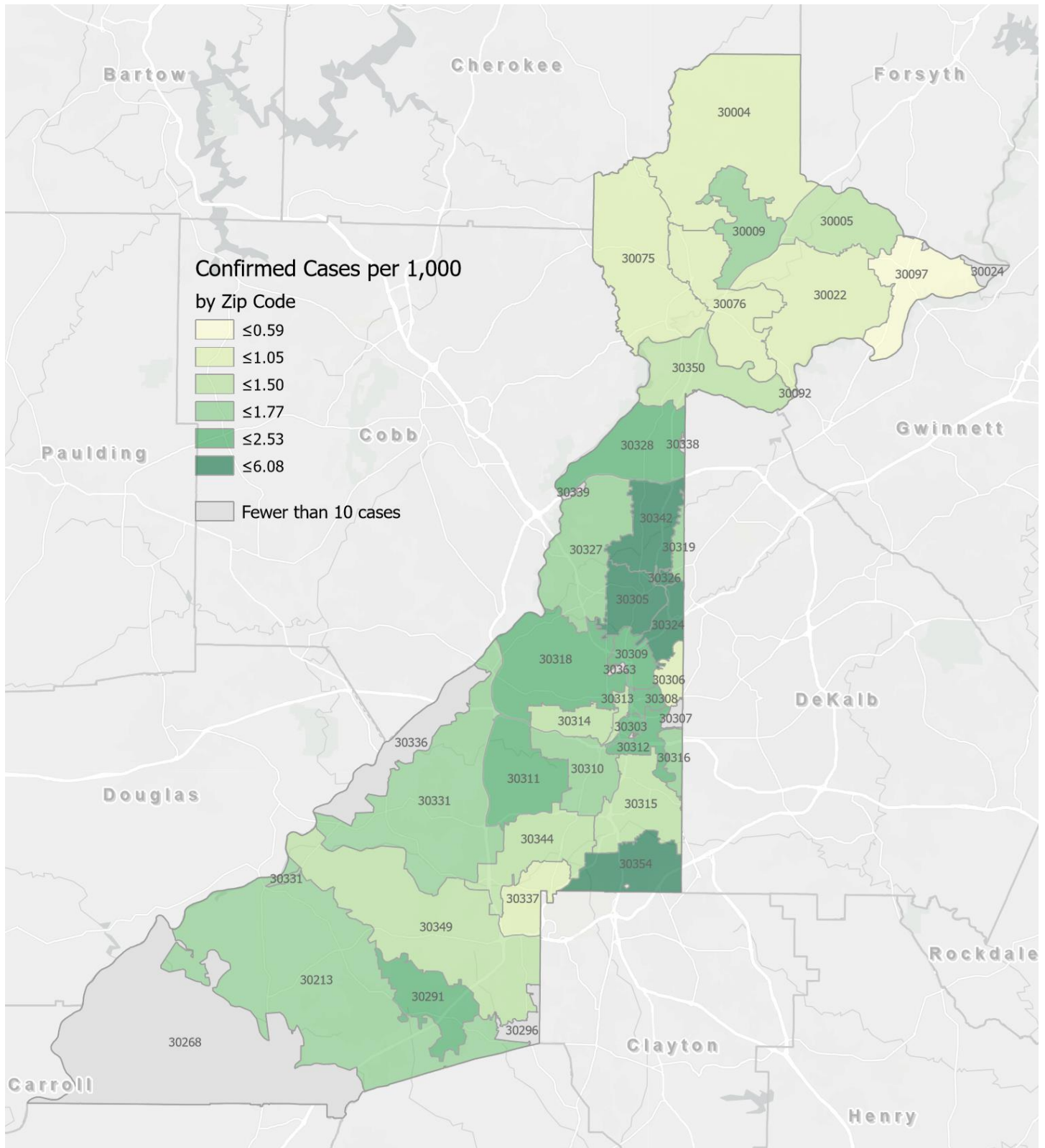
*Rates shown are per 100,000 persons | **Note:** Mass testing in specific locations (e.g. long term care facilities) may cause sharp increases in the cumulative rate of COVID-19 diagnosis in those territories. All data shown are preliminary and are subject to change as testing results get updated.

Fig. 4. Density Map – New COVID 19 Diagnoses (Jun 15 – Jun 28, 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 June 15th and Jun 28nd, 2020 across Fulton County.

Fig. 5. New COVID-19 Diagnoses Rates by ZIP Code (Jun 15 – Jun 28, 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 Jun 15th and Jun 28th 2020.

COVID-19 CASE COUNTS BY ZIP CODE

	Prior (7/01/20)	Current Total (7/06/20)		New Cases (Period: 6/01/20 – 6/28/20) ¹		
	Count	Count	%	1st 14 days (Jun 01 – Jun 14)	Last 14 d. (Jun 15 – Jun 28)	% change ²
All Fulton	7211	8813	100.0%	827	2908	↑ 251.6%
30331	504	615	7.0%	41	171	↑ 317.1%
30318	448	555	6.3%	40	196	↑ 390.0%
30349	392	516	5.9%	33	182	↑ 451.5%
30213	287	341	3.9%	33	97	↑ 193.9%
30315	219	261	3.0%	20	78	↑ 290.0%
30344	213	261	3.0%	16	79	↑ 393.8%
30311	223	276	3.1%	19	103	↑ 442.1%
30342	347	402	4.6%	43	121	↑ 181.4%
30314	238	272	3.1%	14	39	↑ 178.6%
30310	234	288	3.3%	25	87	↑ 248.0%
30308	119	153	1.7%	11	63	↑ 472.7%
30022	196	260	3.0%	27	108	↑ 300.0%
30327	146	192	2.2%	13	74	↑ 469.2%
30004	159	201	2.3%	23	79	↑ 243.5%
30309	206	282	3.2%	25	116	↑ 364.0%
30076	168	202	2.3%	29	78	↑ 169.0%
30291	276	313	3.6%	22	69	↑ 213.6%
30350	197	208	2.4%	42	56	↑ 33.3%
30075	238	266	3.0%	40	76	↑ 90.0%
30328	195	226	2.6%	28	92	↑ 228.6%
30316	75	104	1.2%	<10	35	↑ 288.9%
30312	293	348	3.9%	18	99	↑ 450.0%
30005	98	127	1.4%	11	62	↑ 463.6%
30305	231	286	3.2%	44	121	↑ 175.0%
30306	66	84	1.0%	<10	30	↑ 233.3%
30324	251	333	3.8%	53	147	↑ 177.4%
30337	103	119	1.4%	<10	19	↑ 171.4%
30009	82	102	1.2%	11	35	↑ 218.2%
30313	54	61	0.7%	<10	17	↑ 750.0%
30326	52	75	0.9%	<10	40	↑ 471.4%
30097	63	65	0.7%	<10	18	↑ 200.0%
30354	128	153	1.7%	31	52	↑ 67.7%
30303	57	70	0.8%	<10	28	↑ 460.0%
30339	21	58	0.7%	<10	25	↑ 1150.0%
30268	27	30	0.3%	<10	<10	-
30307	29	37	0.4%	<10	16	↑ 433.3%
30319	56	60	0.7%	<10	24	↑ 300.0%
30336	34	39	0.4%	<10	16	↑ 700.0%
30296	15	16	0.2%	<10	<10	-
30363	13	21	0.2%	<10	10	↑ 400.0%
30301	<10	<10	<0.1%	<10	0	↓ 100.0%
30345	17	22	0.2%	<10	12	↑ 500.0%
31131	<10	<10	<0.1%	0	<10	-
30023	<10	<10	<0.1%	0	<10	-
30080	<10	<10	<0.1%	0	0	↔
30135	<10	<10	<0.1%	0	0	↔
30138	<10	<10	<0.1%	0	0	↔
30139	-	-	-	0	0	↔
30321	<10	<10	<0.1%	0	<10	-
30340	23	23	0.3%	<10	11	↑ 175.0%

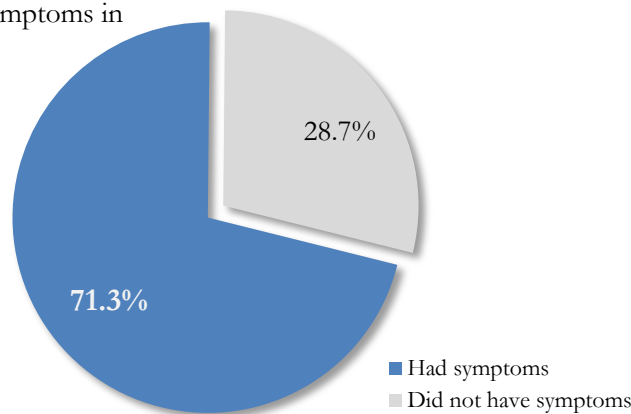
30341	25	23	0.3%	<10	<10	-
30358	<10	<10	<0.1%	0	0	↔
30374	21	23	0.3%	<10	<10	-
30606	<10	<10	<0.1%	0	0	↔
31150	<10	<10	<0.1%	0	0	↔
30024	<10	<10	<0.1%	0	<10	-
30098	-	-	-	0	0	↔
30334	<10	<10	<0.1%	<10	<10	-
30338	<10	24	0.3%	<10	13	↑ 1200.0%
Unknown	340	389	4.4%	40	82	-

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>

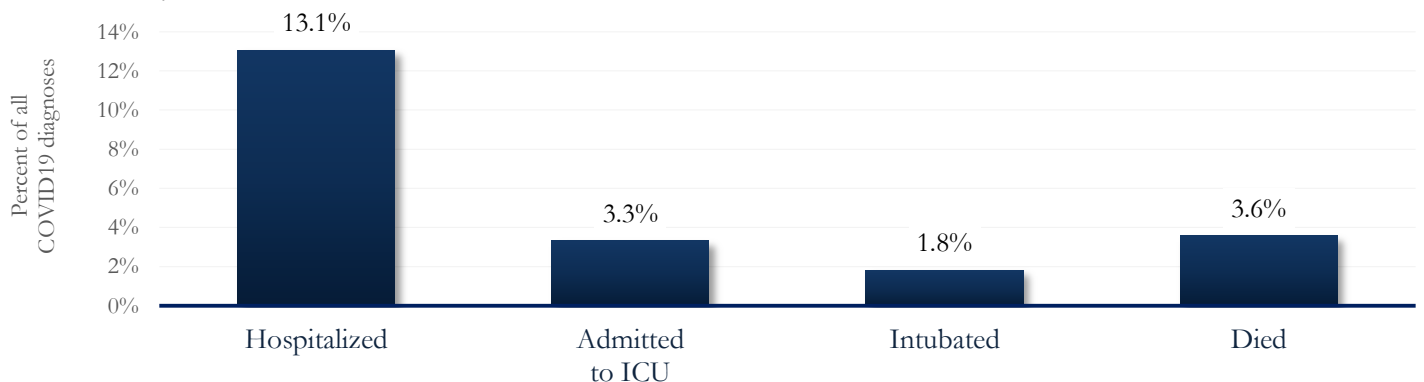
Fig. 6. Proportion Reporting Symptoms in Fulton County



COVID-19 cases who have been case interviewed or had medical charts reviewed as at 7/06/20 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=8,813)	COVID-19 Deaths (n=315)	
		Count (%)	Count (%)	
Gender:	Female	4354 (49.4%)	144 (45.7%)	
	Male	4057 (46.0%)	171 (54.3%)	
	Unknown/Missing	402 (4.6%)		
Age:	0-9	24 (0.3%)	0	
	10-19	144 (1.6%)	0	
	20-29	443 (5.0%)	<10	
	30-39	1965 (22.3%)	<10	
	40-49	1692 (19.2%)	<10	
	50-59	1280 (14.5%)	<10	
	60-69	1171 (13.3%)	20 (6.3%)	
	≥70	921 (10.5%)	61 (19.4%)	
Unknown/Missing		1173 (13.3%)	219 (69.5%)	
Race:	Asian, NH	134 (1.5%)	<10	
	Black, NH	3618 (41.1%)	230 (73.0%)	
	White, NH	1462 (16.6%)	68 (21.6%)	
	Hispanic	844 (9.6%)	10 (3.2%)	
	Other, NH	207 (2.3%)	<10	
	Unknown/Missing		2548 (28.9%)	<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)

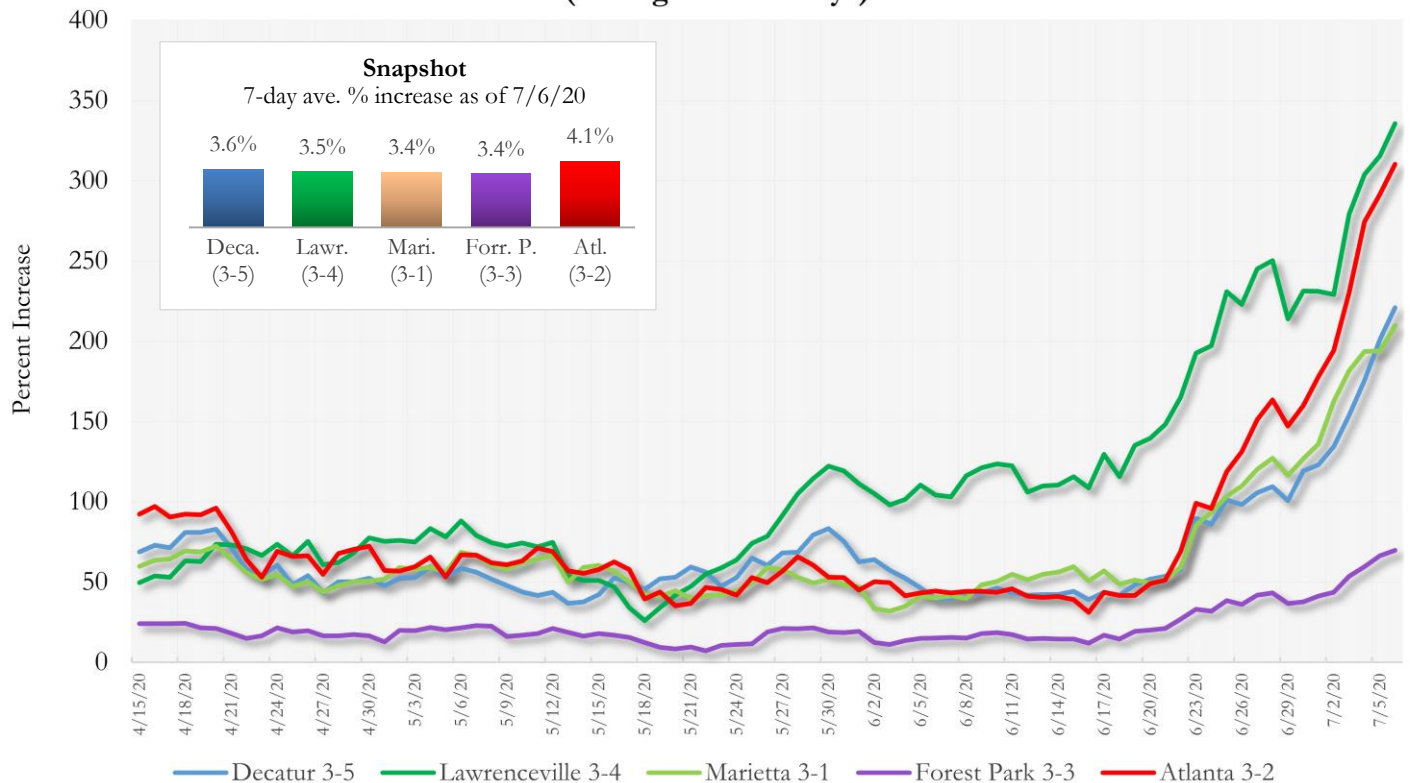
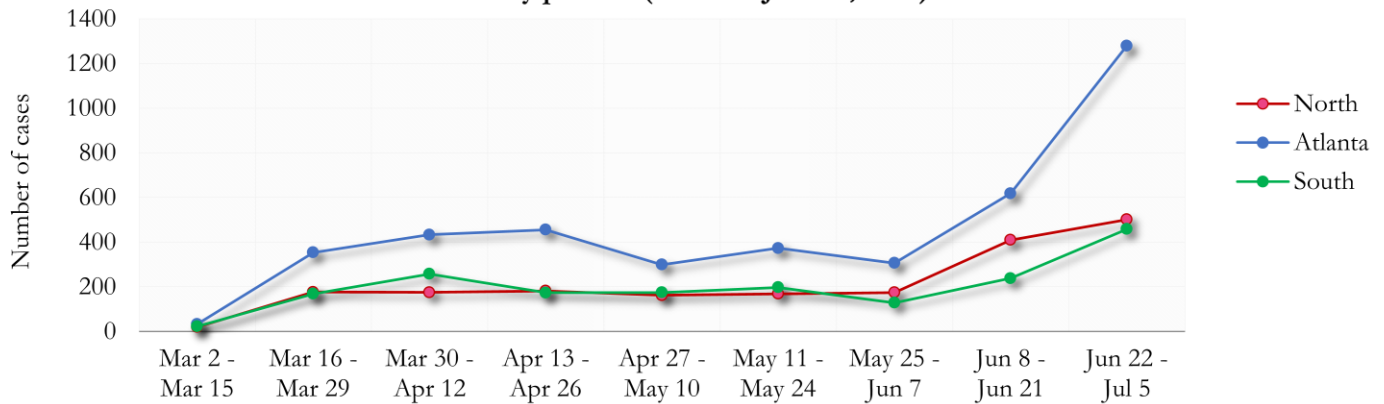


Fig. 9. Trends in Geographic distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)



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. 10. Trends in Gender Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)

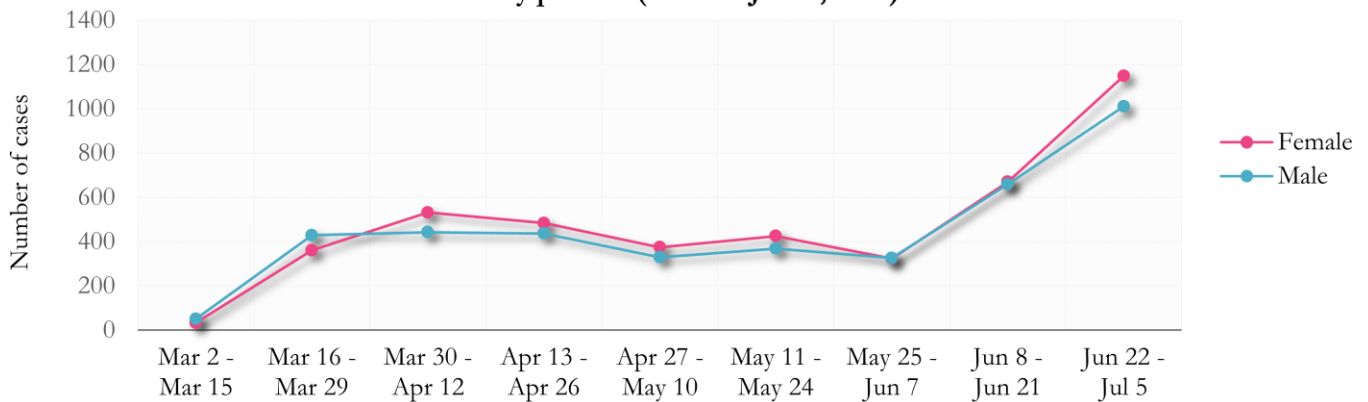
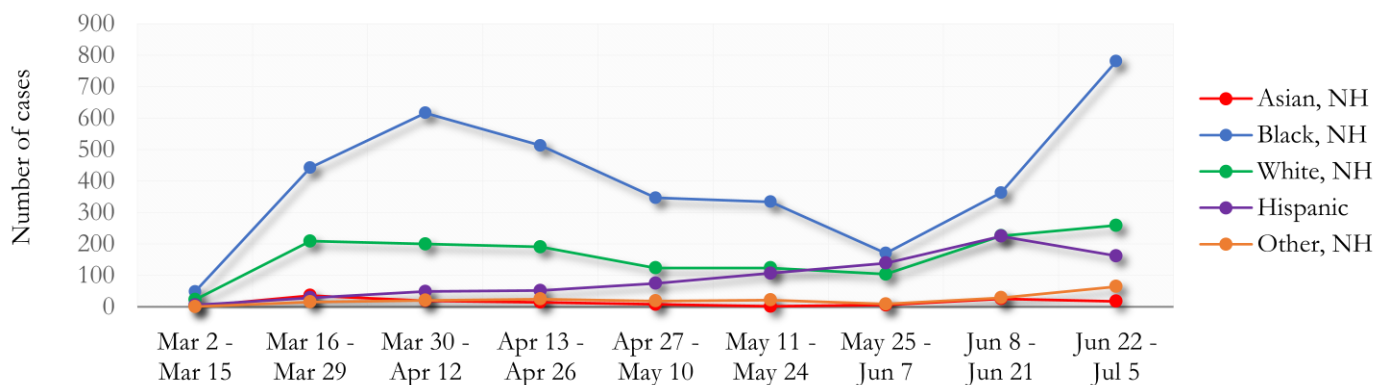


Fig. 11. Trends in Racial Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)



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 similar number of cases reporting White (non-Hispanic and Hispanic) race.

Fig. 12. Racial Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02- Jul 05, 2020)

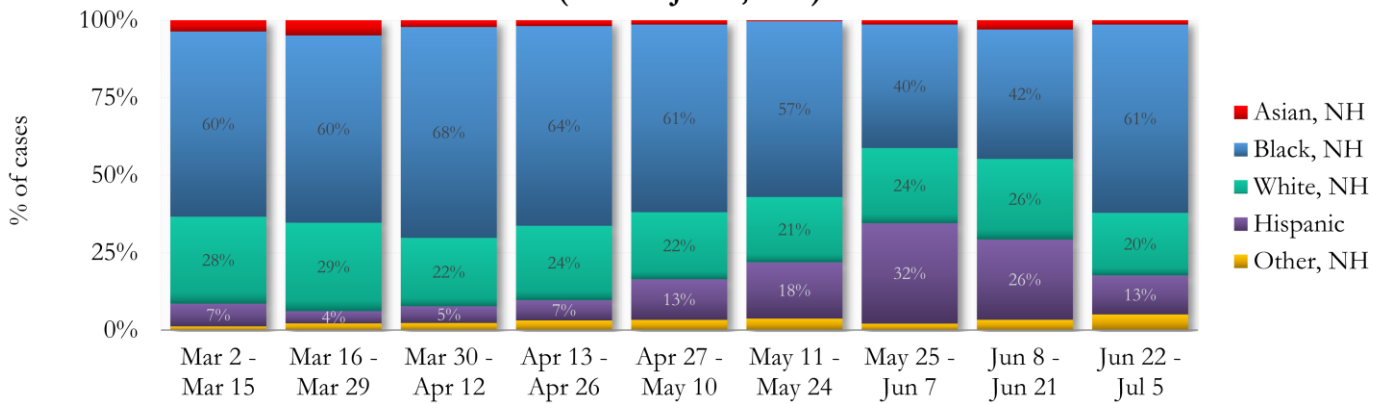
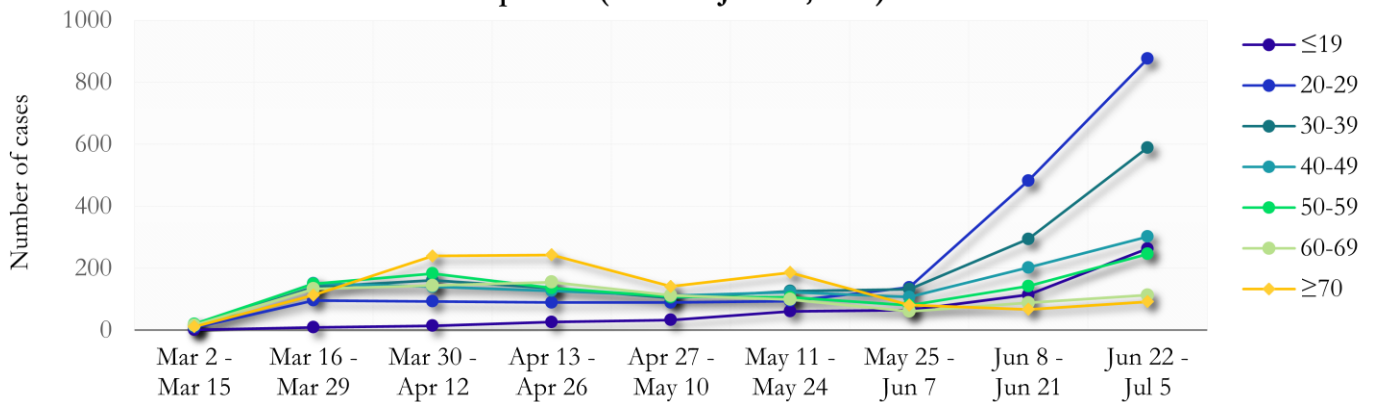
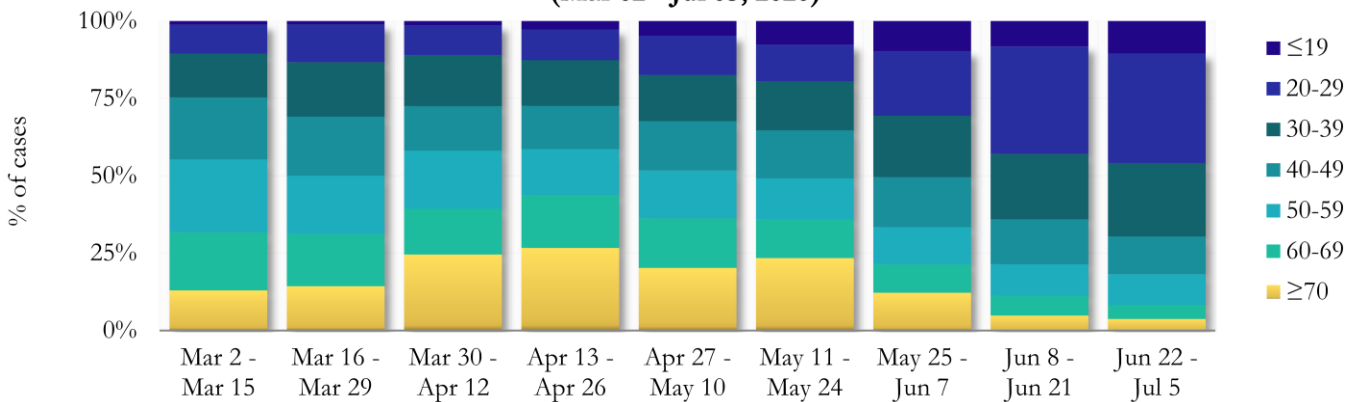


Fig. 13. Trends in Age Distribution of COVID -19 Diagnoses in Fulton County by 14-day periods (Mar 02 - Junl 05, 2020)

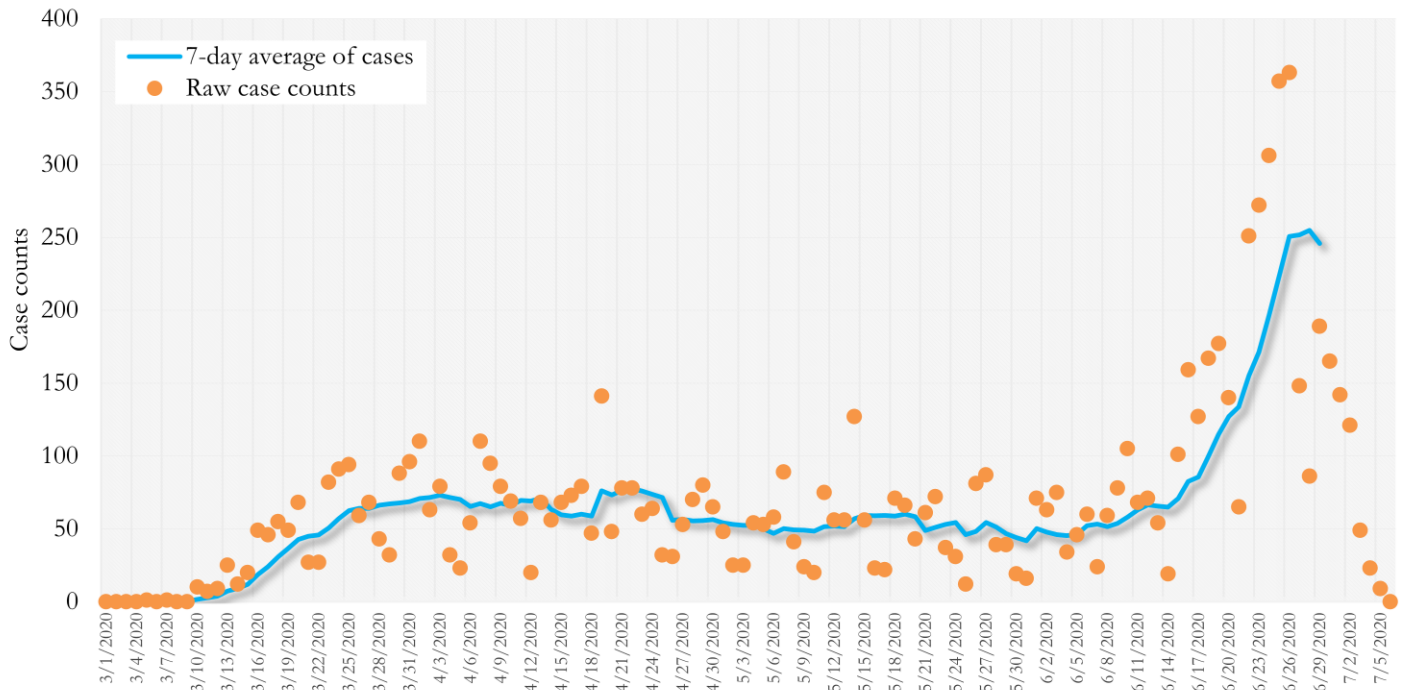


Earlier (March-May 2020) large proportions of reported cases were among persons aged 60 and older. However, starting in June, a much higher number of cases were among persons aged between 20-29 years.

Fig. 14. Age Distribution of COVID -19 Cases in Fulton County by 14-day periods (Mar 02 - Jul 05, 2020)

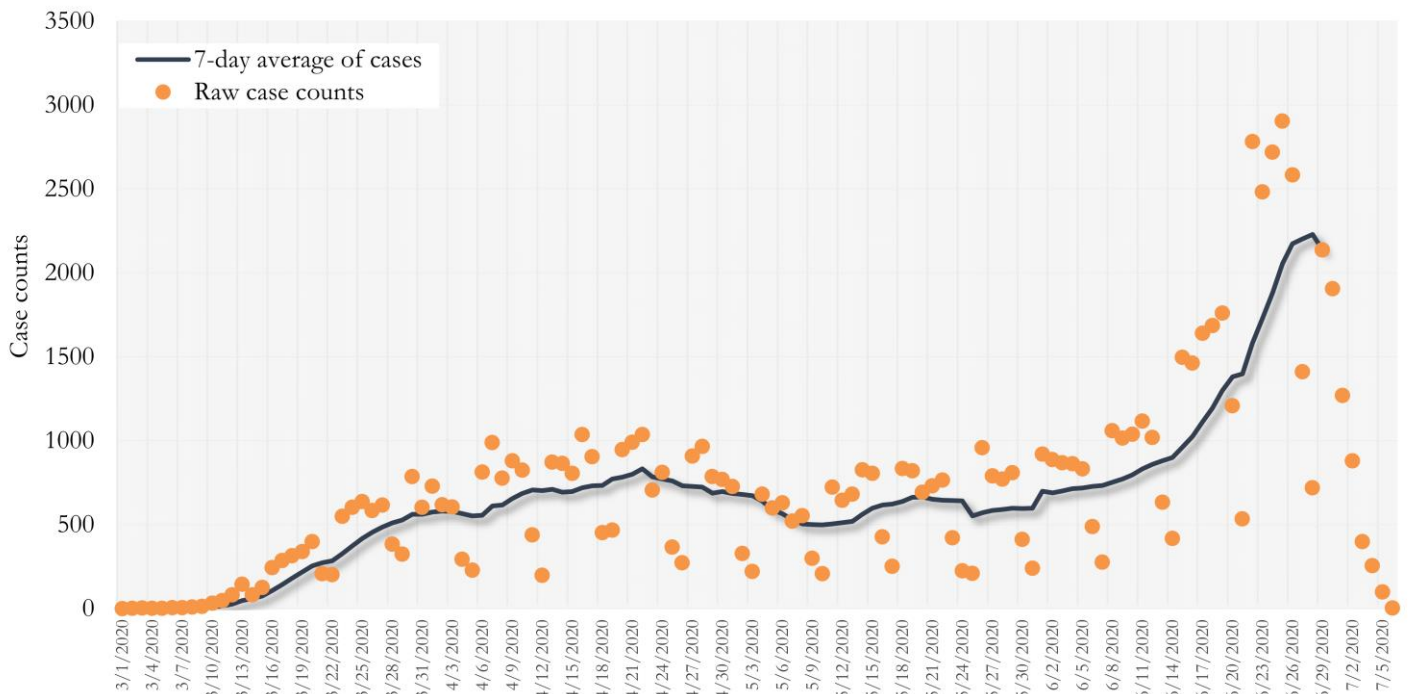


**Fig. 15. New COVID-19 Cases in Fulton County Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**



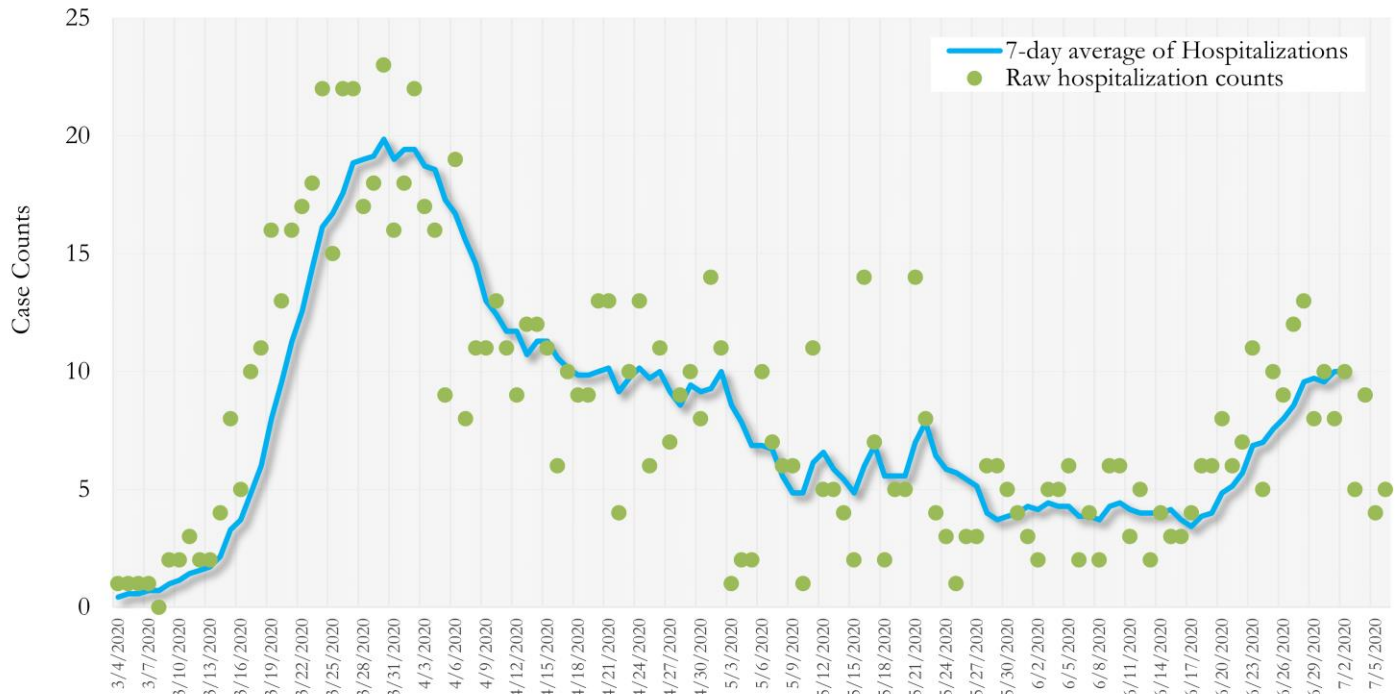
*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

**Fig. 16. New COVID-19 Cases in Georgia State Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**



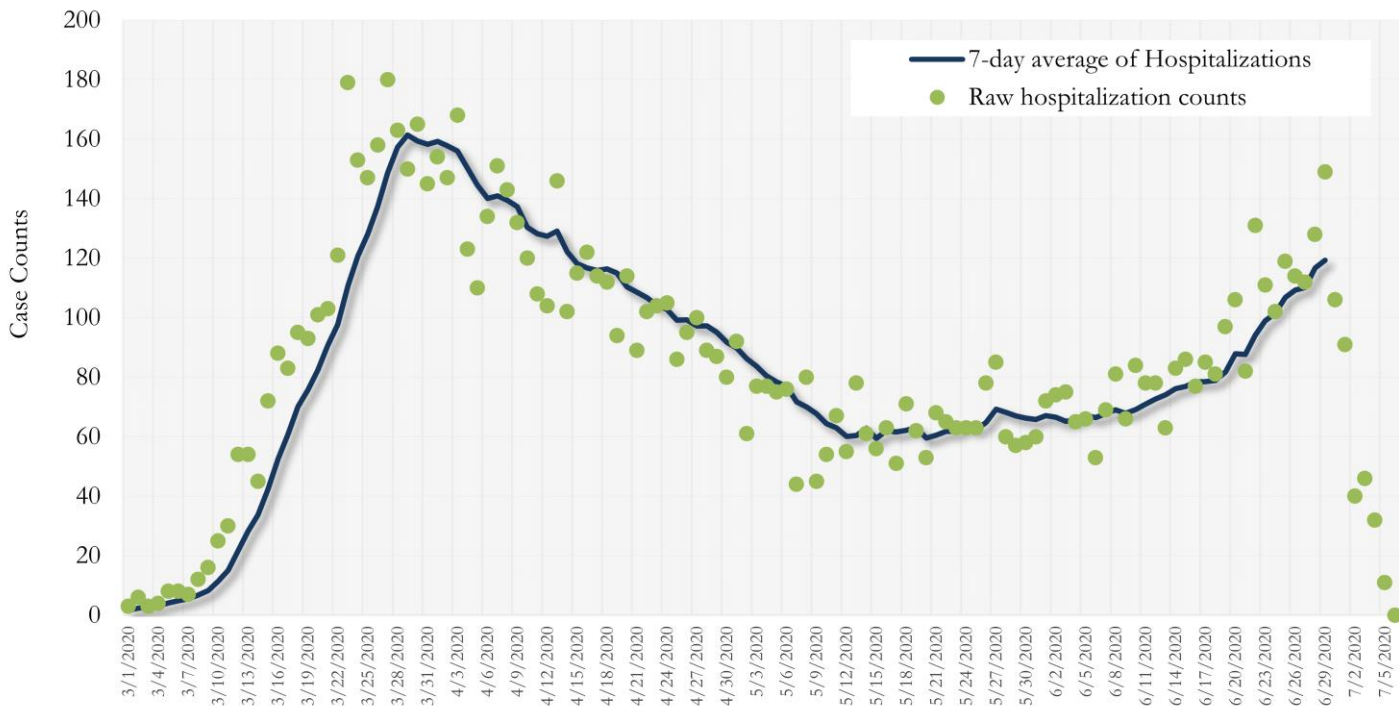
*Date of collection of first positive sample used (report creation date used where sample collection date is missing).

**Fig. 17. COVID-19 Hospitalizations in Fulton County Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**



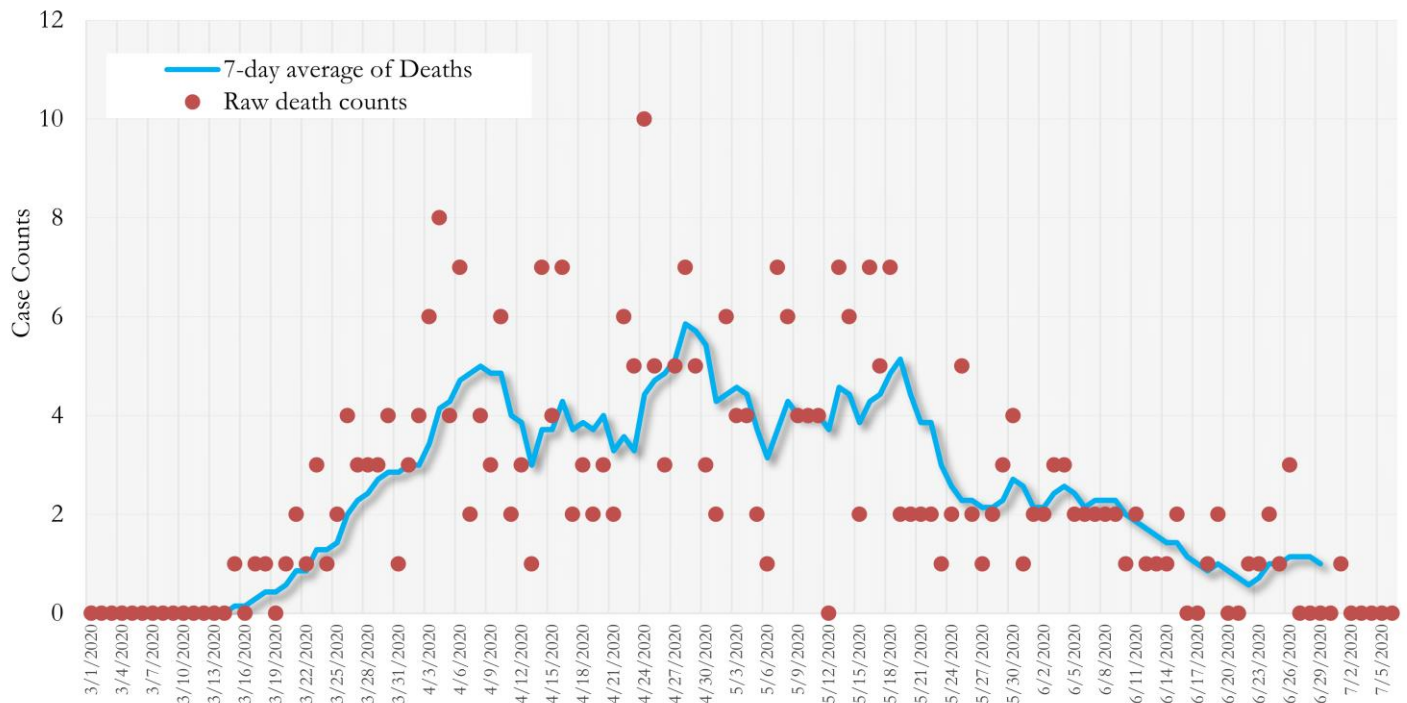
*Reported date of hospital admission used.

**Fig. 18. COVID-19 Hospitalizations in Georgia State Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**



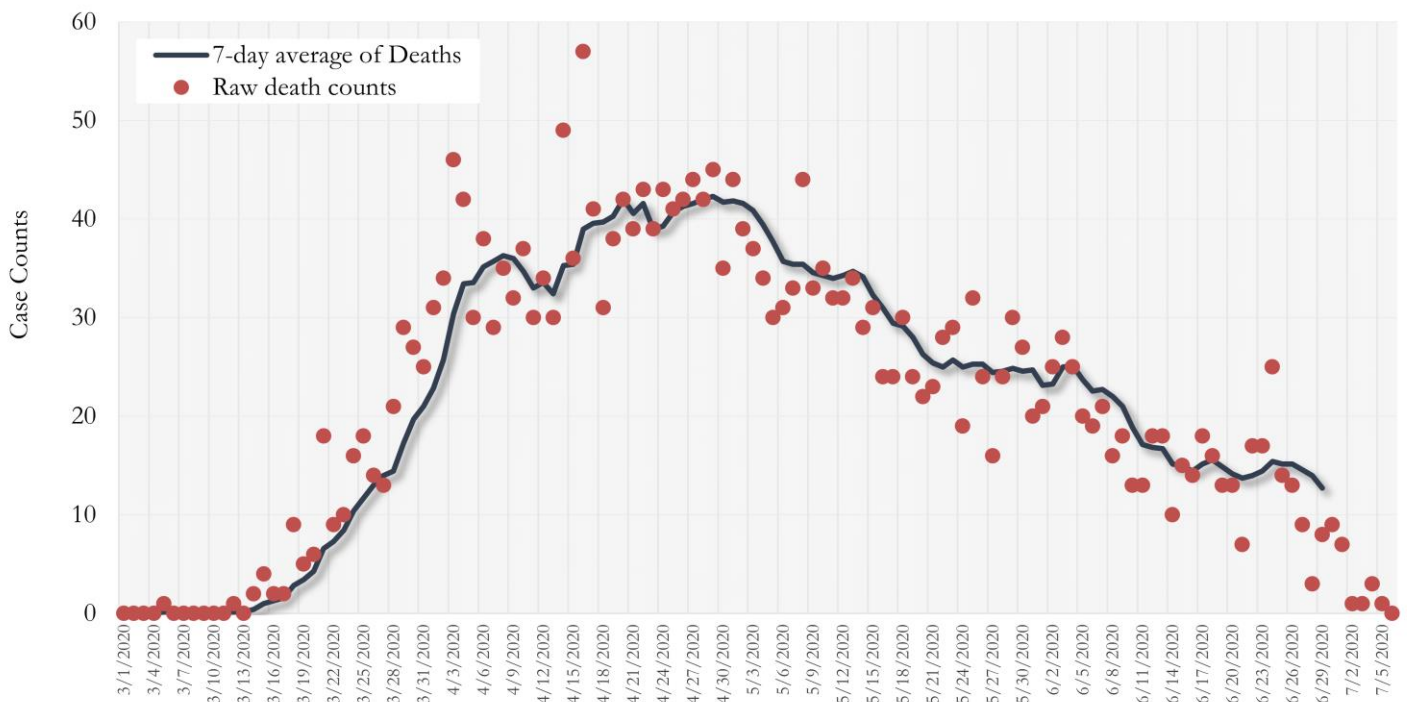
* Reported date of hospital admission used.

**Fig. 19. COVID-19 Deaths in Fulton County Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**



*Reported date of death used.

**Fig. 20. COVID-19 Deaths in Georgia State Daily (Averaged over 7 days)
Mar 01, 2020 - Jun 29, 2020**

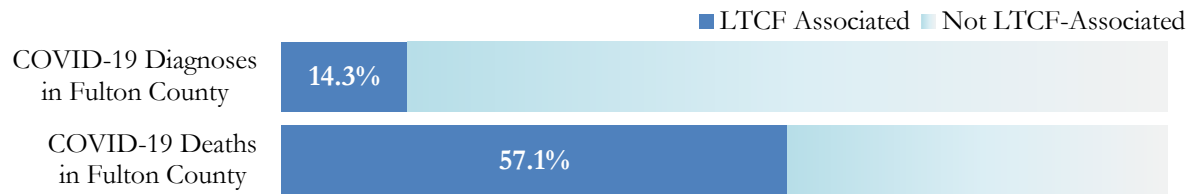


* Reported date of death used.

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>

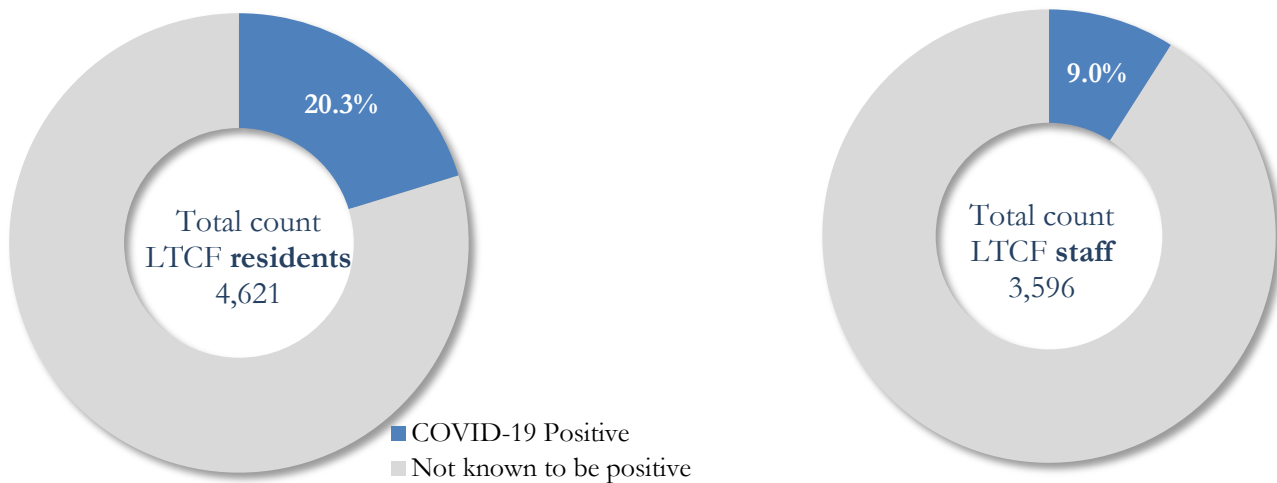
Fig. 21. COVID-19 Diagnoses and Deaths in Fulton County Associated with Long-Term Care Facilities



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

COVID-19 POSITIVITY: COVID-19 testing is currently being provided at various long-term care facilities in Fulton County through the efforts of the Board of Health and the National Guard. See <https://dch.georgia.gov/> for a line listing of COVID-19 cases at all facilities in Georgia.

Fig. 22. COVID-19 Positivity at 54 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=4,621)			LTCF Staff (n=3,596)		
	Cases	Hospitalizations	Deaths	Cases	Hospitalizations	Deaths
Average (count per fac.) ¹	17	5	3	6	1	<0.1
Median (count per fac.) ¹	3	2	0	2	0	0
Lowest counts	0	0	0	0	0	0
Highest counts	136	48	29	41	8	1
Total Count	936 (20.3%)^a	254 (27.1%)^b	178 (19.0%)^b	325 (9.0%)^a	27 (8.3%)^b	2 (0.6%)^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.