

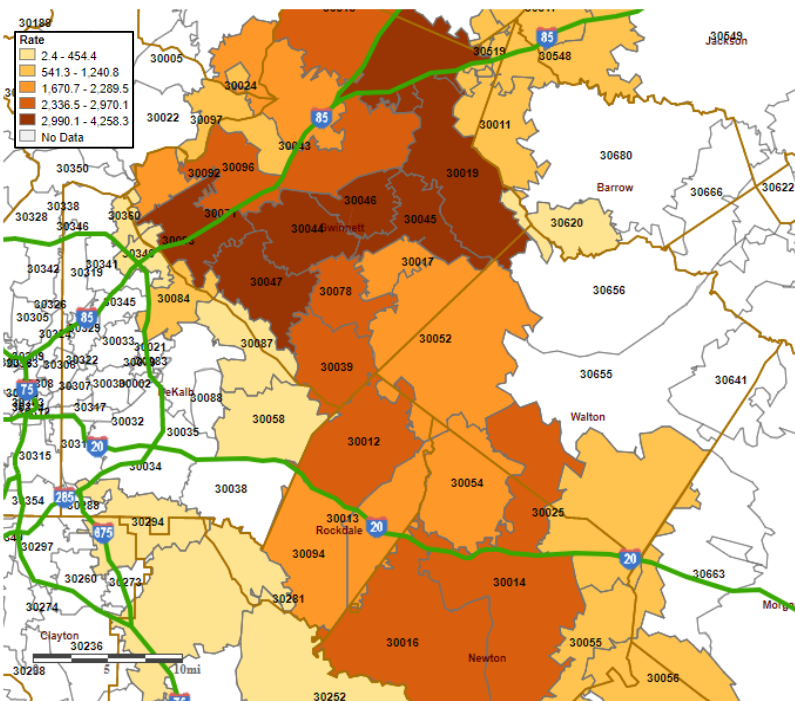
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Snapshot, data as of 9am September 28, 2020

This is an emerging and dynamic situation, therefore our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses and specimen collection operations in response to the COVID-19 pandemic. The purpose of this report is to provide situational awareness to our district partners and community members.

COVID-19 Incidence Rate per 100,000 by zip-code, as of September 28, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	27,065	1,321	28,386	416
Newton County	2,552	206	2,758	90
Rockdale County	1,837	71	1,908	37
Total	31,454	1,564	33,052	543
Illness Characteristics*† N=33,052; n=543				
	Among all Cases		Among Deaths	
Gender				
Male	14,960 (45%)		270 (50%)	
Female	17,263 (52%)		273 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,133 (9%)		415 (76%)	
Total with Underlying Conditions	6,439 (60%)**		403 (99%)**	
Underlying Conditions unknown	22,361		136	

Total Cases & Deaths by Race*† N = 33,052; Total Deaths n=543

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,296 (3.92%)	36 (6.63%)	White	10,819 (32.73%)	294 (54.14%)
Hispanic/Latino	13 (0.04%)	0 (0%)	Hispanic/Latino	4,707 (14.24%)	56 (10.31%)
Non-Hispanic/ Latino	1,036 (3.13%)	36 (6.63%)	Non-Hispanic/ Latino	5,131 (15.52%)	237 (43.65%)
Not Specified	247 (0.75%)	0 (0%)	Not Specified	981 (2.97%)	<5 (0.18%)
Black	6,239 (18.88%)	157 (28.91%)	Other	2,864 (8.67%)	45 (8.29%)
Hispanic/Latino	124 (0.38%)	<5 (0.18%)	Hispanic/Latino	1,945 (5.88%)	45 (8.29%)
Non-Hispanic/ Latino	5,187 (15.69%)	155 (28.55%)	Non-Hispanic/ Latino	343 (1.04%)	0 (0%)
Not Specified	928 (2.81%)	<5 (0.18%)	Not Specified	576 (1.74%)	0 (0%)
Native Hawaiian/Pacific Islander	45 (0.14%)	<5 (0.37%)	Unknown	11,761 (35.58%)	7 (1.29%)
Hispanic/Latino	8 (0.02%)	0 (0%)	Hispanic/Latino	1,399 (4.23%)	<5 (0.55%)
Non-Hispanic/ Latino	28 (0.08%)	<5 (0.37%)	Non-Hispanic/ Latino	382 (1.16%)	<5 (0.37%)
Not Specified	9 (0.03%)	0 (0%)	Not Specified	9,980 (30.19%)	<5 (0.37%)
American Indian/Alaskan Native	28 (0.08%)	<5 (0.37%)	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	<5 (0.01%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/ Latino	21 (0.06%)	<5 (0.37%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	<5 (0.02%)	0 (0%)	† Represents total confirmed and presumptive cases		

Due to the increasing availability of antigen testing, effective 9/1/2020, we will begin reporting antigen positives in addition to PCR positive patients. Patients testing positive with an antigen test are considered presumptive cases and warrant Public Health investigation and control measures, but are not included in confirmed case counts. The remainder of data reported in this report will include total cases which encompasses confirmed and presumptive.

Gwinnett, Newton, & Rockdale County Health Departments

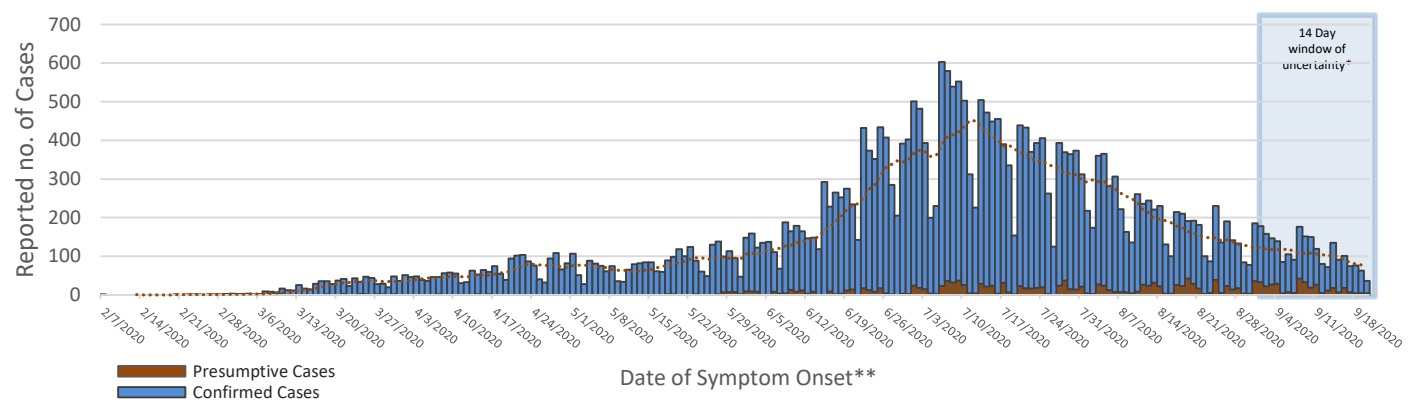


COVID-19 Snapshot, data as of 9am September 28, 2020

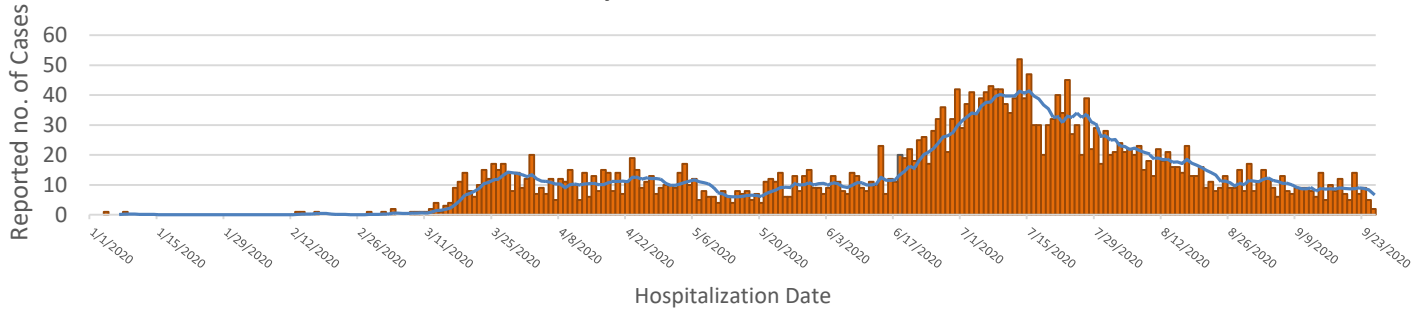
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation in the district.

Per Gwinnett, Newton, and Rockdale County Health Departments reporting policy only COVID-19 cases with laboratory evidence of recent infection that reside within the three counties that make up the district are displayed here. According to the Centers for Disease Control and Prevention the case definition of COVID-19 case with laboratory evidence of recent infection does not include serology (i.e. antibody tests). These tests are reportable, but because they are not included in the case definition for a COVID-19 case with laboratory evidence of recent infection, are not displayed here.

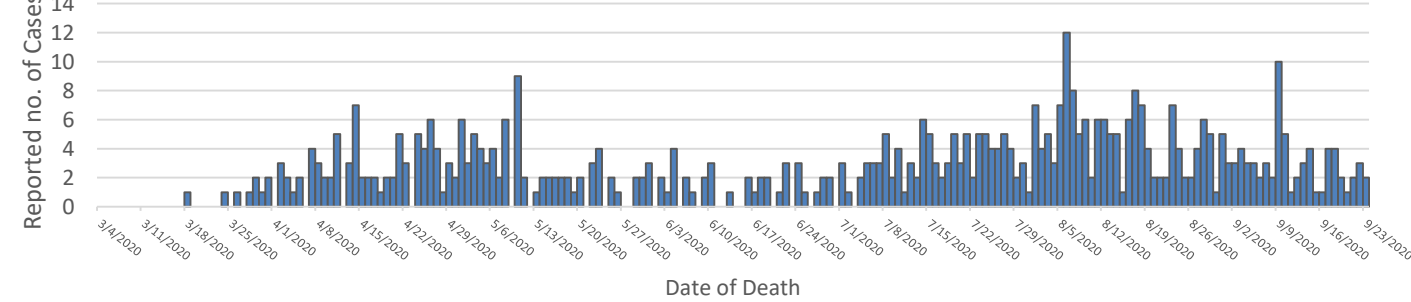
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/28/2020[†]



Reported Hospitalizations of COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



Reported Deaths Among COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



[†]14-day window of uncertainty – Confirmed cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test result that may still be pending.
^{**}For individuals missing symptom onset date, date of first positive specimen collection was used, if both symptom onset and date of first specimen collection are both missing date reported to Public Health Was used
[†]Represents total confirmed and presumptive cases
Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing

Positivity Data from GNR Specimen Collection Sites, as Compared with all Reported Lab Specimens from Gwinnett, Newton, Rockdale Counties and GA (Cumulative - 3/1/2020 – 9/28/2020).

Two specimen Collection Sites (SPOCs) operate daily in Gwinnett and one alternating weeks in Newton and Rockdale Counties. SPOCs continue to offer specimen collection services at no cost to patients. Specimen collection at SPOC sties is done by appointment only. Appointments can be made on our website at www.gnrhealth.com or by calling 770-513-5631. A total of 4,000-5,000 specimens are collected each week.

	GNR SPOCs	Gwinnett	Newton	Rockdale	Georgia
Positive Tests	8,145 (10.1%)	24,760 (10.9%)	2,353 (9.6%)	1,790 (8.3%)	293,921 (10.1%)
Negative Tests	72,085 (89.7%)	202,882 (89.1%)	21,105 (90.4%)	19,825 (91.7%)	2,666,577 (89.9%)
Total Tests	80,690*	227,642	24,458	21,615	2,898,498

Data Source, SENDSS, Testing by District/County Quick Report. Data numbers may not align with current totals due to delay in report functionality . Report run 9/28/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 9/19/2020-9/25/2020

7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. All COVID-19 cases are required to be reported to Public Health, but because of a significant reporting delay from facilities to Public Health, these numbers are provisional and subject to change. Also, due to the wide availability of testing in the community, numbers can include individuals who have been tested more than once.

Seven Day Positivity Data			
	Gwinnett	Newton	Rockdale
Positive Tests	443 (5.0%)	43 (5.0%)	36 (4.7%)
Negative Tests	8,346 (9.50%)	820 (95.0%)	722 (95.3%)
Total Tests	8,789	863	758

Data Source, SENDSS, Testing by District/County Quick Report. Data numbers may not align with current totals due to delay in report functionality . Report run 9/28/20 12pm.

14-day Case Rates for Gwinnett, Newton, and Rockdale Counties by Zip Code.

COVID-19 case rate data is calculated using the total number of cases identified during a specified time frame, divided by the population living within that zip code, multiplied by 100,000. Zip Codes with smaller population sizes may see significant variability from week to week. All COVID-19 cases are required to be reported to local public health; however, there can often be a significant reporting delay from facilities to public health. Therefore, these numbers are provisional and subject to change. In accordance with DPH, the date a lab is reported is the date used to calculate two-week case rates. This date will differ, sometimes significantly, from the date an individual becomes ill with symptoms of COVID-19 or the date an individual tested positive for COVID-19.

Two week Case Rates per 100,000 by Zip Code N=1,859; Week 9/12/20 – 9/25/20											
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change		
Gwinnett	30011	16	103.71	60.00	Gwinnett	30518	86	151.71	-1.15		
	30017	42	172.02	-14.29		30519	105	226.22	9.37		
	30019	116	235.48	-6.45		30620	<5	14.66	-60.00		
	30024	107	138.36	-9.32		30548	9	48.31	12.50		
	30039	52	112.73	-7.14	Newton	30014	61	158.67	0.00		
	30078	47	131.20	-7.85		30016	67	123.52	1.52		
	30043	157	173.15	5.37		30025	<5	21.49	-60.00		
	30044	178	202.18	-4.30		30054	15	126.01	-28.57		
	30045	55	136.89	-31.25		30055	5	151.24	25.00		
	30046	42	112.85	-19.23		30056	<5	90.21	0		
	30047	92	140.63	-17.86	Rockdale	30012	35	126.79	-2.78		
	30052	69	104.61	11.29		30013	29	109.98	29.27		
	30071	48	190.34	2.13		30094	24	68.71	0.00		
	30092	37	104.46	-24.49		30058	0	0.00	0.00		
	30093	86	156.06	19.44		30252	0	0.00	-100.00		
	30084	22	57.17	22.22		30294	0	0.00	0.00		
	30087	10	25.00	66.67		30281	<5	1.48	-50.00		
						Overall 14-day Case Rates per 100,000					
		30096	72	105.95	-16.28	Georgia	-	-	22,202	211	-7.86
		30097	47	100.20	-7.84	Gwinnett	-	-	1,455	156	-0.64
		30340	7	24.98	133.33	Newton	-	-	140	128	5.79
		30360	<5	25.11	-	Rockdale	-	-	93	103	0.00
	30517	10	68.23	-41.18	Data Source: DPH County Indicator Report, SendSS, data pulled and cleaned as of Monday at 9am. Case rate is reported as 14-day case count per 100k residents based on 2018 census data						

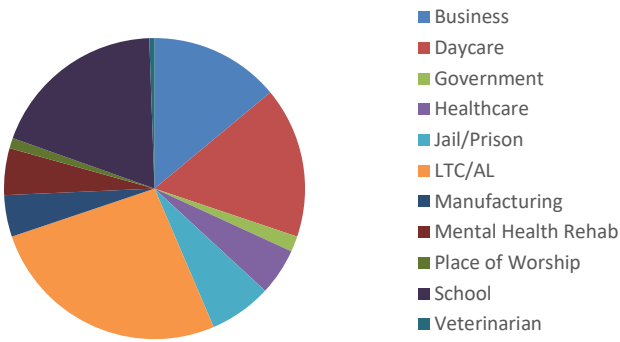
Epidemiology Overview for Outbreaks



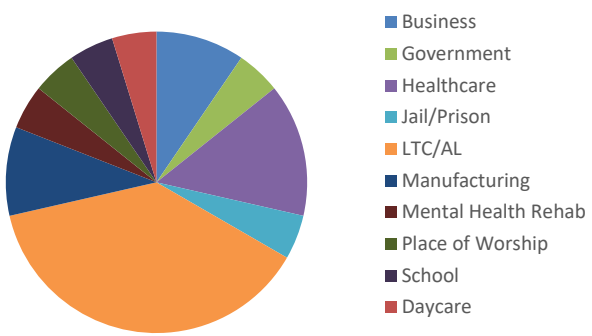
COVID-19 Snapshot, data as 12pm September 28, 2020

All three counties within the districts are experiencing outbreaks of COVID-19. The information below is intended to provide information on where outbreaks are occurring within the district by county. Totals represent data collected since March 19, 2020.

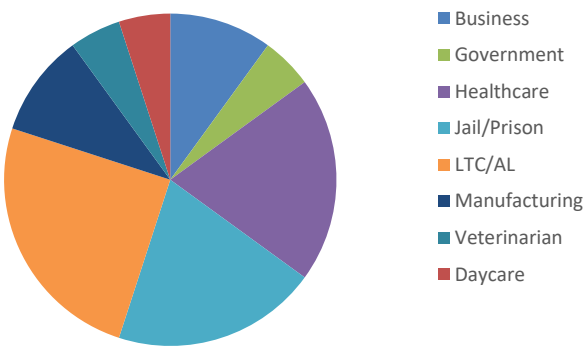
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

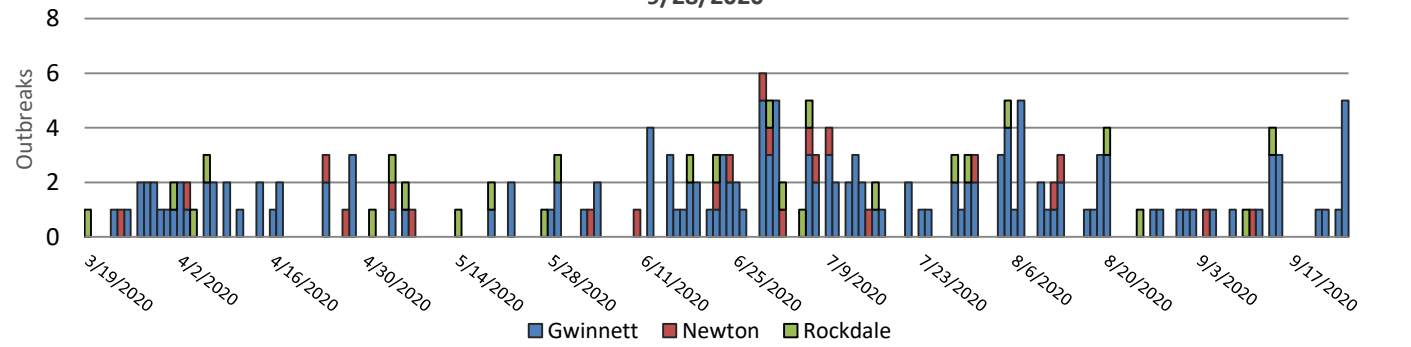


Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=231			
Facility Type	Gwinnett n=190	Newton n=21	Rockdale n=20
Business	12.63%	9.52%	10.00%
Government	2.11%	4.76%	5.00%
Daycare	15.26%	4.76%	5.00%
Healthcare	4.74%	14.29%	20.00%
Jail/Prison	6.84%	4.76%	20.00%
LTC/AL	26.32%	38.10%	20.00%
Manufacturing	4.21%	9.52%	10.00%
Mental Health Rehab	5.26%	4.76%	0%
Place of Worship	1.58%	4.76%	0%
Schools	20.53%	4.76%	0%
Veterinarian	0.53%	0%	5.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 9/28/2020



Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing; † Represents total confirmed and presumptive cases

Epidemiology Overview for Gwinnett County



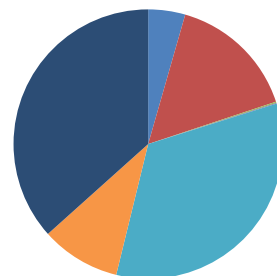
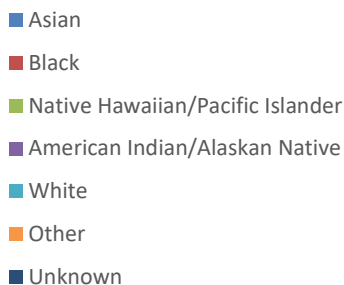
COVID-19 Snapshot, data as of 9am September 28, 2020

Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

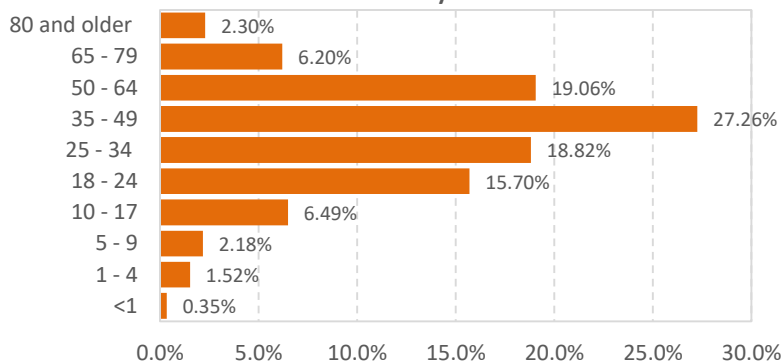
In Gwinnett County there has been a 2.8% increase in newly confirmed COVID-19 Cases between the week of 9/6/20 – 9/14/2020 (n=27,611) and 9/14/20 – 9/21/2020 (n=28,386).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,138	27	1,165	150
Total	27,065	1,321	28,386	416
Illness Characteristics*† N=28,386; n=416				
	Among all Cases		Among Deaths	
Gender				
Male	12,974 (46%)		208 (50%)	
Female	14,688 (52%)		208 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,648 (9%)		334 (80%)	
Total with Underlying Conditions	5,346 (61%)**		328 (99%)**	
Underlying Conditions unknown	19,400		85	

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 28,386; Total Deaths n=416					
	Among all Cases		Among Deaths		
Asian	1,259 (4.44%)	36 (8.65%)	White	9,560 (33.68%)	224 (53.85%)
Hispanic/Latino	13 (0.05%)	0 (0%)	Hispanic/Latino	4,417 (15.56%)	53 (12.74%)
Non-Hispanic/ Latino	1,006 (3.54%)	36 (8.65%)	Non-Hispanic/ Latino	4,255 (14.99%)	170 (40.87%)
Not Specified	240 (0.85%)	0 (0%)	Not Specified	888 (3.13%)	<5 (0.24%)
Black	4,390 (15.47%)	104 (25.00%)	Other	2,712 (9.55%)	44 (10.58%)
Hispanic/Latino	107 (0.38%)	<5 (0.25%)	Hispanic/Latino	1,872 (6.59%)	44 (10.58%)
Non-Hispanic/ Latino	3,607 (12.71%)	103 (24.76%)	Non-Hispanic/ Latino	317 (1.12%)	0 (0%)
Not Specified	676 (2.38%)	<5 (0%)	Not Specified	523 (1.84%)	0 (0%)
Native Hawaiian/Pacific Islander	43 (0.15%)	<5 (0.48%)	Unknown	10,398 (36.63%)	6 (1.44%)
Hispanic/Latino	8 (0.03%)	0 (0%)	Hispanic/Latino	1,351 (4.76%)	<5 (0.72%)
Non-Hispanic/ Latino	26 (0.09%)	<5 (0.48%)	Non-Hispanic/ Latino	344 (1.21%)	<5 (0.24%)
Not Specified	9 (0.03%)	0 (0%)	Not Specified	8,703 (30.66%)	<5 (0.48%)
American Indian/Alaskan Native	24 (0.08%)	0 (0%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases		
Hispanic/Latino	<5 (0.01%)	0 (0%)			
Non-Hispanic/Latino	18 (0.06%)	0 (0%)			
Not Specified	<5 (0.01%)	0 (0%)			

Confirmed cases are those tested using Molecular Tests (i.e. PCR).
Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview for Newton County

COVID-19 Snapshot, data as of 9am September 28, 2020

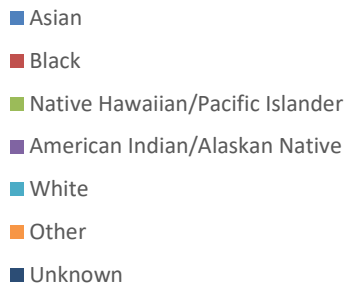


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

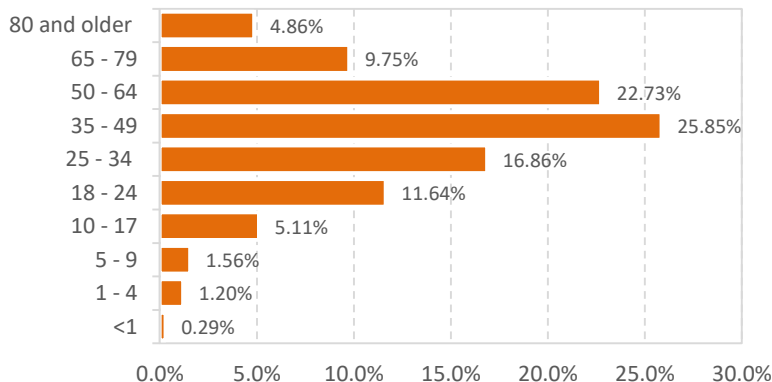
In Newton County there has been a 1.4% increase in newly confirmed COVID-19 Cases between the week of 9/6/20 – 9/14/20 (n=2,719) and 9/14/20 – 9/21/20 (n=2,758).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	211	5	216	42
Total	2,552	206	2,758	90
Illness Characteristics*† N=2,758; n=90				
	Among all Cases		Among Deaths	
Gender				
	Male	1,168 (42%)		44 (49%)
	Female	1,529 (55%)		46 (51%)
Median Age (years)		44		79
Age range (years)		0 – 100		50 - 96
Total Hospitalizations		263 (10%)		51 (57%)
Total with Underlying Conditions		609 (63%)**		45 (98%)**
Underlying Conditions unknown		1,791		44

Race Distribution of Cases in Gwinnett County



Age Distribution for Newton County



Total Cases & Deaths by Race*† N = 2,758; Total Deaths n=90					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	13 (0.47%)	0 (0%)	White	856 (31.04%)	56 (62.22%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	136 (4.93%)	<5 (1.11%)
Non-Hispanic/ Latino	10 (0.36%)	0 (0%)	Non-Hispanic/ Latino	653 (23.68%)	55 (61.11%)
Not Specified	<5 (0.11%)	0 (0%)	Not Specified	67 (2.43%)	0 (0%)
Black	1,014 (36.77%)	32 (35.56%)	Other	72 (2.61%)	0 (0%)
Hispanic/Latino	9 (0.33%)	0 (0%)	Hispanic/Latino	31 (1.12%)	0 (0%)
Non-Hispanic/ Latino	870 (31.54%)	32 (35.56%)	Non-Hispanic/ Latino	9 (0.33%)	0 (0%)
Not Specified	135 (4.89%)	0 (0%)	Not Specified	32 (1.16%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	801 (29.04%)	<5 (1.11%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	19 (0.69%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	31 (1.12%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	751 (27.23%)	<5 (1.11%)
American Indian/Alaskan Native	<5 (0.07%)	<5 (1.11%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available		
Hispanic/Latino	<5 (0.04%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Non-Hispanic/Latino	<5 (0.04%)	<5 (1.11%)	† = Represents total confirmed and presumptive cases		
Not Specified	0 (0%)	0 (0%)			

*Data Source: GA DPH, State Electronic Disease Surveillance System

**Among patients with underlying conditions information available

Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.

† = Represents total confirmed and presumptive cases

Confirmed cases are those tested using Molecular Tests (i.e. PCR).

Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview for Rockdale County

COVID-19 Snapshot, data as of 9am September 28, 2020



Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 2.1% increase in newly confirmed COVID-19 Cases between the week of 9/6/2020 – 9/14/2020 (n=1,869) and 9/14/2020 – 9/21/2020 (n=1,908).

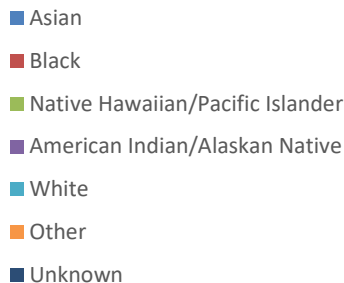
COVID-19 Cases & Deaths*

	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	88	2	90	3
Total	1,837	71	1,908	37

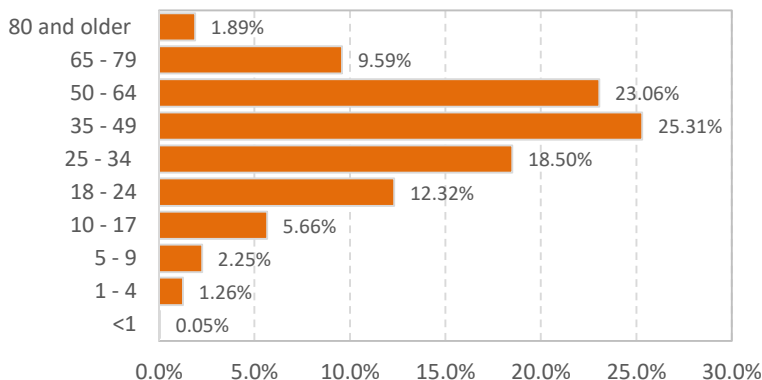
Illness Characteristics*† N=1,908; n=37

	Among all Cases	Among Deaths
Gender		
Male	818 (43%)	19 (51%)
Female	1,046 (55%)	18 (49%)
Median Age (years)	41	69
Age range (years)	0 – 100	27 - 93
Total Hospitalizations	222 (12%)	30 (81%)
Total with Underlying Conditions	484 (66%)**	30 (100%)**
Underlying Conditions unknown	1,170	7

Race Distribution of Cases in Gwinnett County



Age Distribution for Rockdale County



Total Cases & Deaths by Race*† N = 1,908; Total Deaths n=37

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	24 (1.26%)	0 (0%)	White	403 (21.12%)	14 (37.84%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	154 (8.07%)	<5 (5.41%)
Non-Hispanic/ Latino	20 (1.05%)	0 (0%)	Non-Hispanic/ Latino	223 (11.69%)	12 (32.43%)
Not Specified	<5 (0.21%)	0 (0%)	Not Specified	26 (1.36%)	0 (0%)
Black	835 (43.76%)	21 (56.76%)	Other	80 (4.19%)	<5 (2.70%)
Hispanic/Latino	8 (0.42%)	0 (0%)	Hispanic/Latino	42 (2.20%)	<5 (2.70%)
Non-Hispanic/ Latino	710 (37.21%)	20 (54.05%)	Non-Hispanic/ Latino	17 (0.89%)	0 (0%)
Not Specified	117 (6.13%)	<5 (2.70%)	Not Specified	21(1.10%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.10%)	0 (0%)	Unknown	562 (29.45%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	29 (1.52%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.10%)	0 (0%)	Non-Hispanic/ Latino	7 (0.37%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	526 (27.57%)	0 (0%)
American Indian/Alaskan Native	<5 (0.10%)	<5 (2.70%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases		
Hispanic/Latino	0 (0%)	0 (0%)			
Non-Hispanic/Latino	<5 (0.10%)	<5 (2.70%)			
Not Specified	0 (0%)	0 (0%)			

Confirmed cases are those tested using Molecular Tests (i.e. PCR).
Presumptive Cases are those tested using Antigen Tests.