

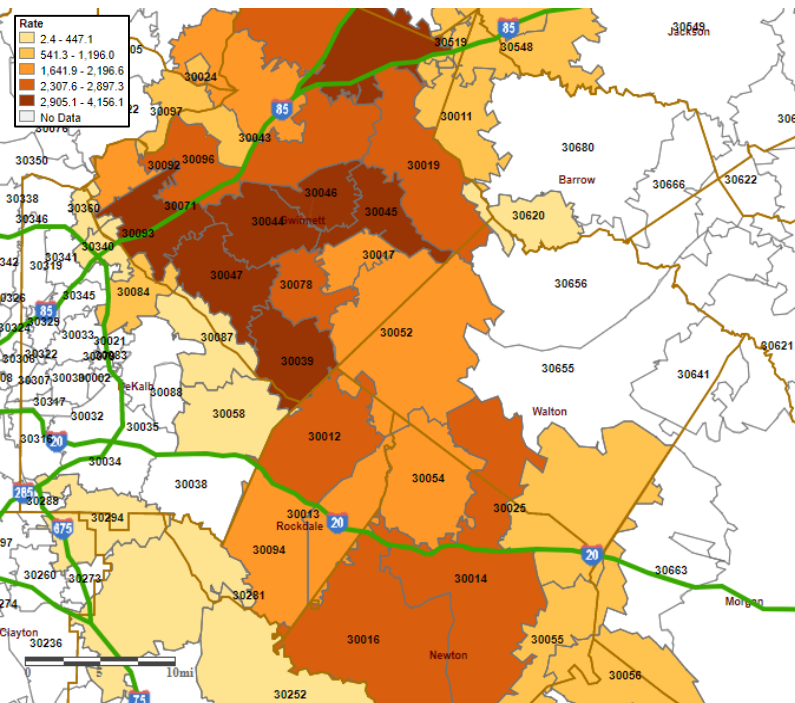
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Snapshot, data as of 9am September 21, 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 21, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	No. Deaths
Gwinnett County	26,326	1,285	27,611	397
Newton County	2,510	209	2,719	81
Rockdale County	1,799	70	1,869	37
Total	30,635	1,564	32,199	515
Illness Characteristics*† N=32,199; n=515				
	Among all Cases		Among Deaths	
Gender				
Male	14,605 (45%)		255 (50%)	
Female	16,778 (52%)		260 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,053 (9%)		395 (77%)	
Total with Underlying Conditions	6,175 (61%)**		386 (99%)**	
Underlying Conditions unknown	22,132		125	

Total Cases & Deaths by Race*† N = 32,199; Total Deaths n=515

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,228 (3.81%)	30 (6.02%)	White	9,694 (31.84%)	276 (53.59%)
Hispanic/Latino	12 (0.04%)	0 (0%)	Hispanic/Latino	4540 (14.10%)	49 (9.51%)
Non-Hispanic/ Latino	974 (3.02%)	30 (5.83%)	Non-Hispanic/ Latino	4767 (14.80%)	226 (43.88%)
Not Specified	242 (0.75%)	<5 (0.19%)	Not Specified	944 (2.93%)	<5 (0.19%)
Black	5,507 (18.23%)	149 (28.93%)	Other	2,676 (8.63%)	46 (8.93%)
Hispanic/Latino	116 (0.36%)	<5 (0.19%)	Hispanic/Latino	1889 (5.87%)	46 (8.93%)
Non-Hispanic/ Latino	4855 (15.08%)	147 (28.54%)	Non-Hispanic/ Latino	327 (1.02%)	0 (0%)
Not Specified	898 (2.79%)	<5 (0.19%)	Not Specified	564 (1.75%)	0 (0%)
Native Hawaiian/Pacific Islander	35 (0.12%)	<5 (0.39%)	Unknown	12,007 (37.27%)	9 (1.75%)
Hispanic/Latino	8 (0.02%)	0 (0%)	Hispanic/Latino	1375 (4.27%)	<5 (0.58%)
Non-Hispanic/ Latino	23 (0.07%)	<5 (0.39%)	Non-Hispanic/ Latino	378 (1.17%)	<5 (0.39%)
Not Specified	8 (0.02%)	0 (0%)	Not Specified	10249 (31.83%)	<5 (0.19%)
American Indian/Alaskan Native	28 (0.09%)	<5 (0.39%)	*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	23 (0.07%)	<5 (0%)	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

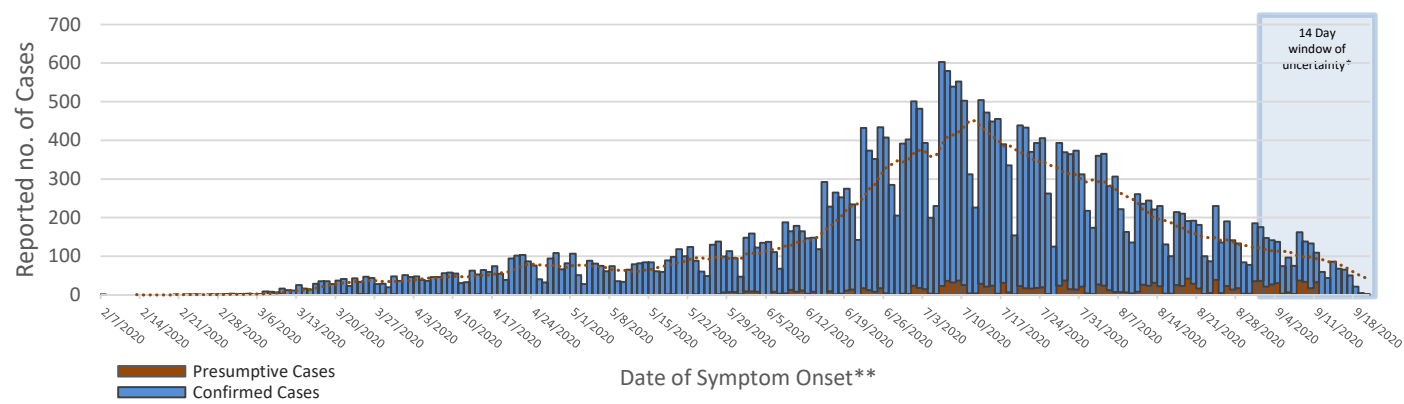


COVID-19 Snapshot, data as of 9am September 21, 2020

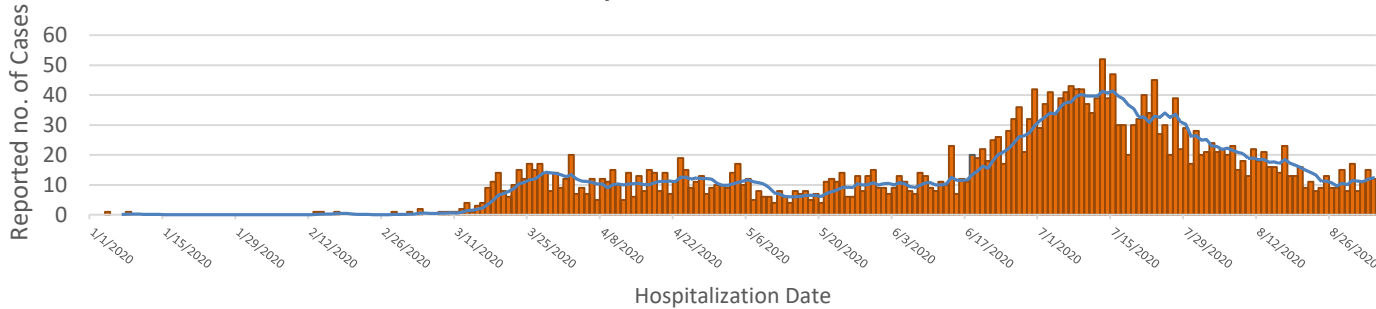
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

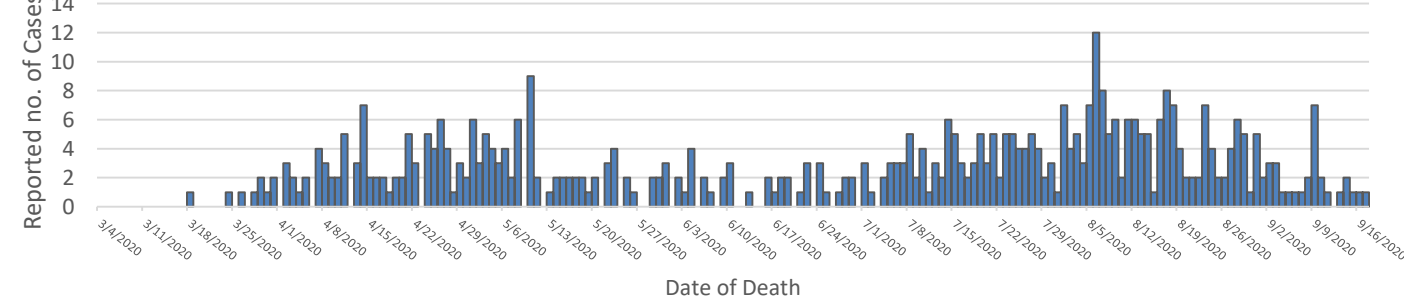
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/21/2020[†]



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
† 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 – 9/21/2020).

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	7,994 (10.3%)	24,166 (11.2%)	2,304 (9.9%)	1,753 (8.4%)	285,951 (10.3%)
Negative Tests	69,740 (89.5%)	192,567 (88.8%)	21,036 (90.1%)	19,013 (91.6%)	2,484,912 (89.7%)
Total Tests	77,880*	216,733	23,340	20,766	2,770,863

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 9/21/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 9/12/2020-9/18/2020

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	504 (5.8%)	66 (5.7%)	54 (6.3%)
Negative Tests	8,121 (94.2%)	1,088 (94.3%)	802 (93.69%)
Total Tests	8,625	1,154	856

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 9/21/20 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 9/5/20-9/18/20												
County	City	Zip	# of Cases	Case Rate	% Change	County	City	Zip	# of cases	Case Rate	% Change	
Gwinnett	Auburn	30011	10	64.82	42.86	Gwinnett	Buford	30518	87	153.47	-22.32	
	Grayson	30017	49	200.69	40.00				30519	96	206.83	-29.41
	Dacula	30019	124	251.72	-32.97			Bethlehem	30620	5	36.65	-44.44
	Suwanee	30024	118	152.58	12.38			Hoschton	30548	8	42.94	-52.94
	Snellville	30039	56	121.41	5.66	Newton	Covington	30014	61	158.67	-14.08	
		30078	51	142.36	-13.56				30016	66	121.68	-1.49
	Lawrenceville	30043	149	164.32	-11.31			Social Circle	30025	5	53.72	0.00
		30044	186	211.27	-7.00			Oxford	30054	21	176.41	-40.00
		30045	80	199.11	-13.04			Mansfield	30055	<5	120.99	33.33
		30046	52	139.72	-8.77			Newborn	30056	<5	90.21	100.00
	Lilburn	30047	112	171.20	-2.61	Rockdale		30012	36	130.41	33.33	
	Loganville	30052	62	94.00	26.53			Conyers	30013	41	155.49	-16.33
	Norcross	30071	47	186.37	27.03				30094	24	68.71	-31.43
		30092	49	138.34	-15.52			Lithonia	30058	0	0.00	0.00
		30093	72	130.65	2.86			McDonough	30252	<5	4.32	0.00
	Tucker	30084	18	46.77	28.57			Ellenwood	30294	0	0.00	0.00
	Stone Mountain	30087	6	15.00	-40.00			Stockbridge	30281	<5	2.96	0.00
							Overall 14-day Case Rates per 100,000					
		Duluth	30096	86	126.55	13.16	Georgia	-	-	24,072	229	-8.03
			30097	51	108.73	41.67	Gwinnett	-	-	1,455	157	-11.30
		Atlanta	30340	<5	10.70	-25.00	Newton	-	-	132	121	-19.33
			30360	0	0.00	0.00	Rockdale	-	-	93	103	-20.16
	Braselton	30517	17	115.99	30.77	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						

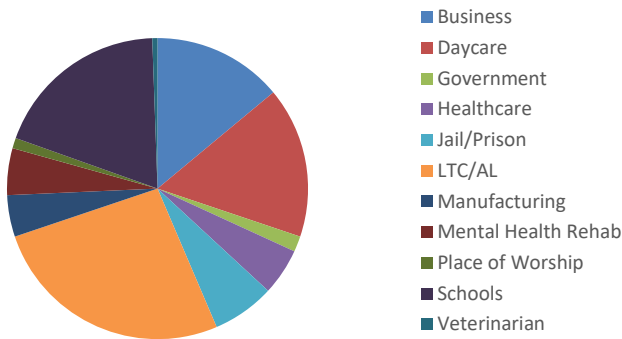
Epidemiology Overview for Outbreaks



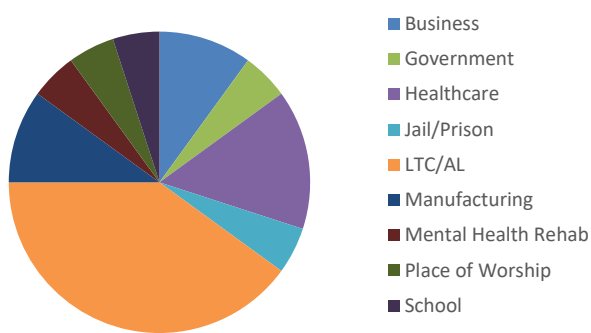
COVID-19 Snapshot, data as 3pm September 21, 2020

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.

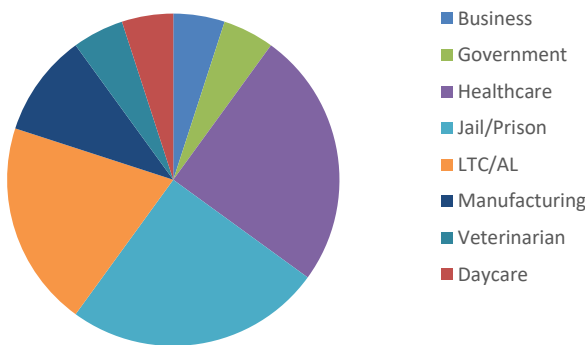
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

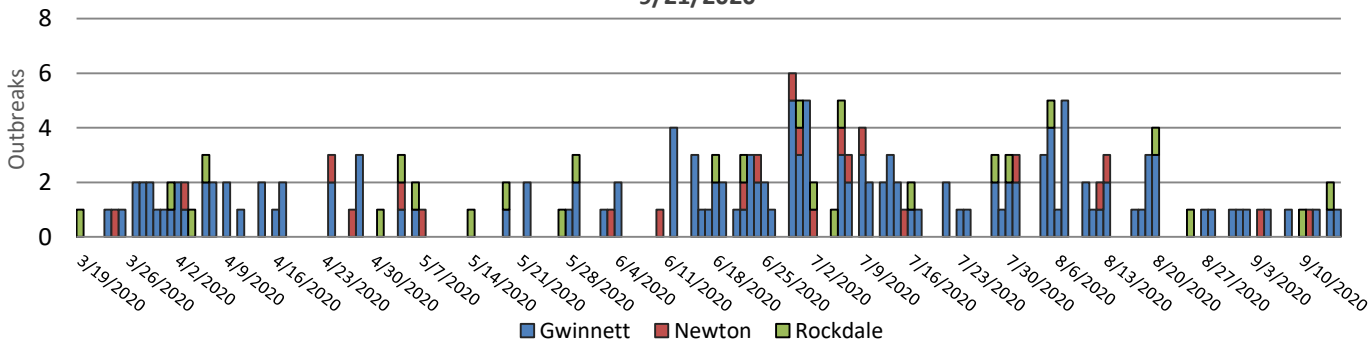


Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=220			
Facility Type	Gwinnett n=179	Newton n=21	Rockdale n=20
Business	13.97%	9.52%	5.00%
Government	1.68%	4.76%	5.00%
Daycare	16.29%	4.76%	5.00%
Healthcare	5.03%	14.29%	25.00%
Jail/Prison	6.70%	4.76%	25.00%
LTC/AL	26.26%	38.10%	20.00%
Manufacturing	4.47%	9.52%	10.00%
Mental Health Rehab	5.03%	4.76%	0%
Place of Worship	1.12%	4.76%	0%
Schools	18.99%	4.76%	0%
Veterinarian	0.56%	0%	5.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 9/21/2020



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

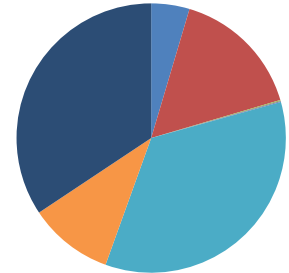
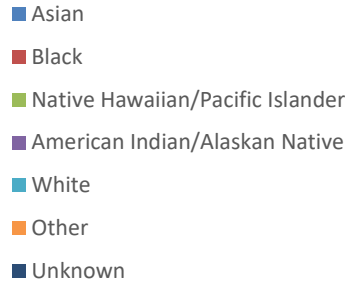
COVID-19 Snapshot, data as of 9am September 21, 2020



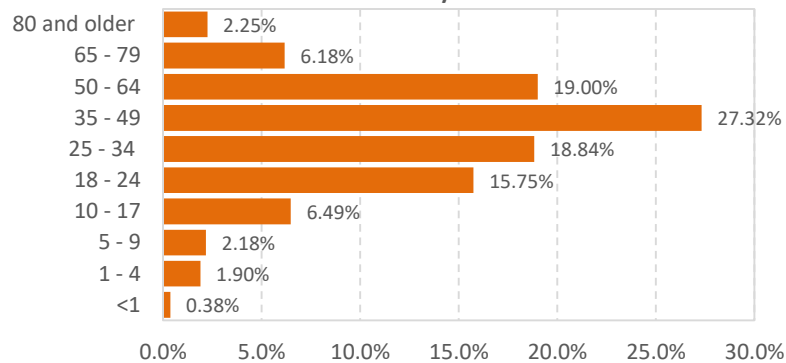
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 3.5% increase in newly confirmed COVID-19 Cases between the week of 9/6/20 – 9/14/2020 (n=26,678) and 9/14/20 – 9/21/2020 (n=27,611).

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak	1,077	21	1,098	142
Total	26,326	1,285	27,611	397
Illness Characteristics*† N=27,611; n=397				
	Among all Cases	Among Deaths		
Gender				
Male	12,653 (46%)	199 (50%)		
Female	14,243 (52%)	198 (50%)		
Median Age (years)	38	74		
Age range (years)	0 – 103	15 - 102		
Total Hospitalizations	2,589 (9%)	318 (80%)		
Total with Underlying Conditions	5,127 (61%)**	315 (99%)**		
Underlying Conditions unknown	19,155	81		

Total Cases & Deaths by Race*† N = 27,611; Total Deaths n=397					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,192 (4.32%)	31 (7.81%)	White	9,037 (32.73%)	214 (53.90%)
Hispanic/Latino	12 (0.04%)	0 (0%)	Hispanic/Latino	4,256 (15.41%)	46 (11.59%)
Non-Hispanic/ Latino	944 (3.42%)	30 (7.56%)	Non-Hispanic/ Latino	3,932 (14.24%)	167 (42.07%)
Not Specified	236 (0.85%)	<5 (0.25%)	Not Specified	849 (3.07%)	<5 (0.25%)
Black	4,112 (14.89%)	98 (24.69%)	Other	2,636 (9.55%)	45 (11.34%)
Hispanic/Latino	100 (0.36%)	<5 (0.25%)	Hispanic/Latino	1822 (6.60%)	45 (11.34%)
Non-Hispanic/ Latino	3,362 (12.18%)	97 (24.43%)	Non-Hispanic/ Latino	302 (1.09%)	0 (0%)
Not Specified	650 (2.35%)	0 (0%)	Not Specified	512 (1.85%)	0 (0%)
Native Hawaiian/Pacific Islander	37 (0.13%)	<5 (0.50%)	Unknown	10,571 (38.29%)	7 (1.76%)
Hispanic/Latino	8 (0.03%)	0 (0%)	Hispanic/Latino	1323 (4.79%)	<5 (0.76%)
Non-Hispanic/ Latino	21 (0.08%)	<5 (0.50%)	Non-Hispanic/ Latino	339 (1.23%)	<5 (0.50%)
Not Specified	8 (0.03%)	0 (0%)	Not Specified	8909 (32.27%)	<5 (0.50%)
American Indian/Alaskan Native	25 (0.09%)	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	0 (0%)	0 (0%)			
Non-Hispanic/Latino	20 (0.07%)	0 (0%)			
Not Specified	5 (0.02%)	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 21, 2020



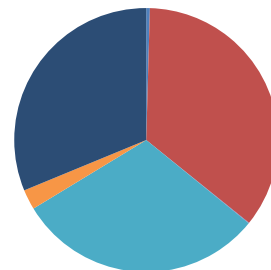
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

In Newton County there has been a 7.2% increase in newly confirmed COVID-19 Cases between the week of 9/6/20 – 9/14/20 (n=2,537) and 9/14/20 – 9/21/20 (n=2,719).

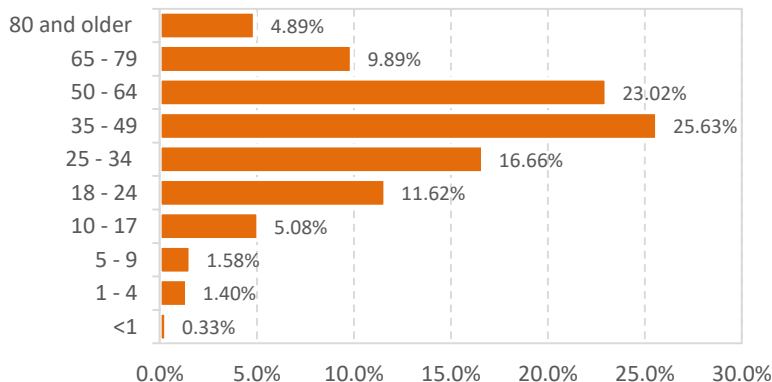
COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak	197	4	195	36
Total	2,510	209	2,719	81
Illness Characteristics*† N=2,719; n=81				
	Among all Cases		Among Deaths	
Gender				
Male	1,146 (42%)		37 (46%)	
Female	1,515 (56%)		44 (54%)	
Median Age (years)	44		79	
Age range (years)	0 – 100		50 - 96	
Total Hospitalizations	253 (9%)		47 (58%)	
Total with Underlying Conditions	577 (63%)**		41 (98%)**	
Underlying Conditions unknown	1,810		39	

Race Distribution of Cases in Gwinnett County

- Asian
- Black
- Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown



Age Distribution for Newton County



Total Cases & Deaths by Race*† N = 2,719; Total Deaths n=81					
	Among all Cases		Among Deaths		
Asian	12 (0.44%)		0 (0%)		White
Hispanic/Latino	0 (0%)		0 (0%)		828 (30.45%)
Non-Hispanic/ Latino	10 (0.37%)		0 (0%)		Hispanic/Latino
Not Specified	<5 (0.07%)		0 (0%)		135 (4.97%)
Black	961 (35.34%)		31 (38.27%)		Non-Hispanic/ Latino
Hispanic/Latino	9 (0.33%)		0 (0%)		624 (22.95%)
Non-Hispanic/ Latino	815 (29.97%)		31 (35.38%)		Not Specified
Not Specified	137 (5.04%)		0 (0%)		69 (2.54%)
Native Hawaiian/Pacific Islander	0 (0%)		0 (0%)		Other
Hispanic/Latino	0 (0%)		0 (0%)		67 (2.46%)
Non-Hispanic/ Latino	0 (0%)		0 (0%)		Hispanic/Latino
Not Specified	0 (0%)		0 (0%)		29 (1.07%)
American Indian/Alaskan Native	<5 (0.07%)		<5 (1.23%)		Non-Hispanic/ Latino
Hispanic/Latino	<5 (0.04%)		0 (0%)		7 (0.26%)
Non-Hispanic/Latino	<5 (0.04%)		<5 (1.23%)		Not Specified
Not Specified	0 (0%)		0 (0%)		31 (1.14%)
					Unknown
					849 (31.22%)
					<5 (1.23%)
					Hispanic/Latino
					19 (0.70%)
					Non-Hispanic/ Latino
					32 (1.18%)
					Not Specified
					798 (29.35%)

*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 21, 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 3.7% increase in newly confirmed COVID-19 Cases between the week of 9/6/2020 – 9/14/2020 (n=1,803) and 9/14/2020 – 9/21/2020 (n=1,869).

COVID-19 Cases & Deaths*

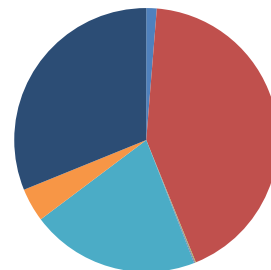
	Confirmed Cases	Presumptive Cases	Total Cases†	No. Deaths
Outbreak	86	2	88	3
Total	1,799	70	1,869	37

Illness Characteristics*† N=1,869; n=37

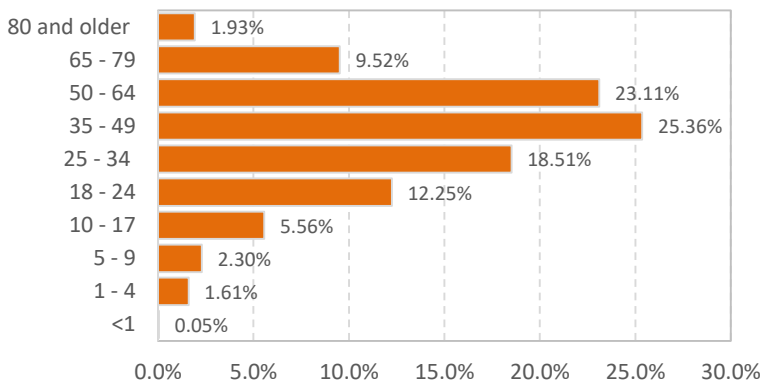
	Among all Cases	Among Deaths
Gender		
Male	806 (43%)	19 (51%)
Female	1,020 (55%)	18 (49%)
Median Age (years)	41	69
Age range (years)	0 – 100	27 - 93
Total Hospitalizations	211 (11%)	27 (81%)
Total with Underlying Conditions	471 (67%)**	30 (100%)**
Underlying Conditions unknown	1,167	7

Race Distribution of Cases in Gwinnett County

- Asian
- Black
- Native Hawaiian/Pacific Islander
- American Indian/Alaskan Native
- White
- Other
- Unknown



Age Distribution for Rockdale County



Total Cases & Deaths by Race*† N = 1,869; Total Deaths n=37

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	24 (1.28%)	0 (0%)	White	386 (20.65%)	14 (37.84%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	149 (7.97%)	<5 (5.41%)
Non-Hispanic/ Latino	20 (1.07%)	0 (0%)	Non-Hispanic/ Latino	211 (11.29%)	12 (32.43%)
Not Specified	<5 (0.21%)	0 (0%)	Not Specified	26 (1.39%)	0 (0%)
Black	796 (42.59%)	20 (54.05%)	Other	77 (4.12%)	<5 (2.70%)
Hispanic/Latino	7 (0.37%)	0 (0%)	Hispanic/Latino	36 (2.03%)	<5 (2.70%)
Non-Hispanic/ Latino	678 (36.28%)	19 (51.35%)	Non-Hispanic/ Latino	18 (0.96%)	0 (0%)
Not Specified	111 (5.94%)	<5 (2.70%)	Not Specified	21(1.12%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.11%)	0 (0%)	Unknown	582 (31.14%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	33 (1.77%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.11%)	0 (0%)	Non-Hispanic/ Latino	7 (0.37%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	542 (29.00%)	0 (0%)
American Indian/Alaskan Native	<5 (0.11%)	0 (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 (0.11%)	<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.