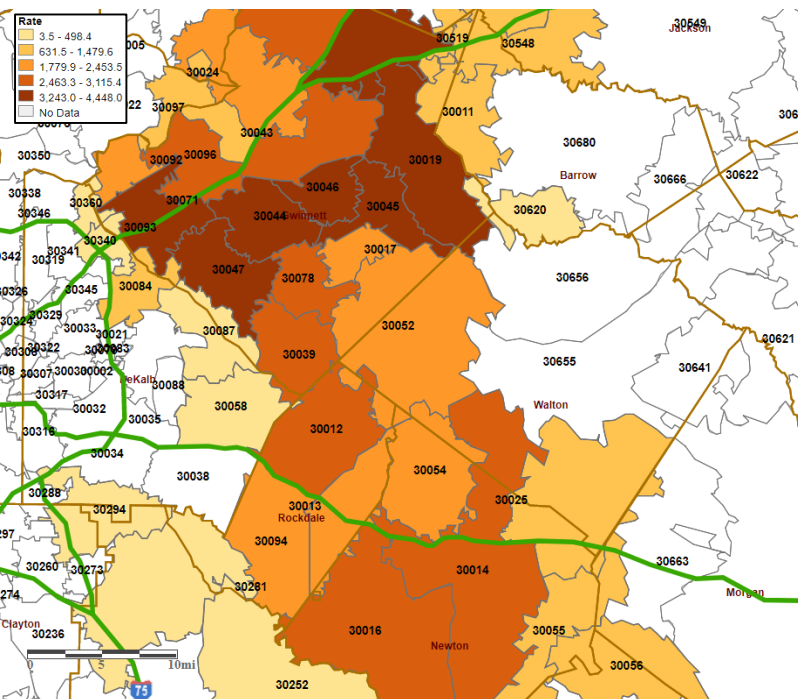


COVID-19 Snapshot, *data as of 9am October 12, 2020*



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 October 12, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	28,479	1,619	30,098	437
Newton County	2,681	250	2,931	93
Rockdale County	1,931	86	2,017	41
Total	33,091	1,752	35,046	571
Illness Characteristics*† N=35,046; n=571				
	Among all Cases		Among Deaths	
Gender				
Male	15,848 (45%)		279 (49%)	
Female	18,353 (52%)		291 (51%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,269 (9%)		438 (78%)	
Total with Underlying Conditions	6,924 (59%)**		430 (99%)**	
Underlying Conditions unknown	23.237		141	

Total Cases & Deaths by Race*† N = 35,046; Total Deaths n=571

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,458 (4.16%)	35 (6.13%)	White	11,805 (33.68%)	309 (54.12%)
Hispanic/Latino	14 (0.04%)	0 (0%)	Hispanic/Latino	4,935 (14.08%)	59 (10.33%)
Non-Hispanic/ Latino	1,167 (3.33%)	35 (6.13%)	Non-Hispanic/ Latino	5,803 (16.56%)	249 (43.61%)
Not Specified	277 (0.79%)	0 (0%)	Not Specified	1,067 (3.04%)	<5 (0.18%)
Black	6,808 (19.43%)	170 (29.77%)	Other	3,024 (8.63%)	47 (8.23%)
Hispanic/Latino	137 (0.39%)	<5 (0.18%)	Hispanic/Latino	1,998 (5.84%)	46 (8.06%)
Non-Hispanic/ Latino	5,690 (16.24%)	167 (29.25%)	Non-Hispanic/ Latino	365 (1.09%)	<5 (0.18%)
Not Specified	981 (2.80%)	<5 (0.35%)	Not Specified	596 (1.70%)	0 (0%)
Native Hawaiian/Pacific Islander	48 (0.14%)	<5 (0.35%)	Unknown	11,872 (33.88%)	6 (1.05%)
Hispanic/Latino	9 (0.03%)	0 (0%)	Hispanic/Latino	1,515 (4.32%)	<5 (0.35%)
Non-Hispanic/ Latino	32 (0.09%)	<5 (0.35%)	Non-Hispanic/ Latino	417 (1.19%)	<5 (0.18%)
Not Specified	7 (0.02%)	0 (0%)	Not Specified	9,940 (28.36%)	<5 (0.53%)
American Indian/Alaskan Native	31 (0.09%)	<5 (0.35%)	*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		
Hispanic/Latino	6 (0.02%)	0 (0%)			
Non-Hispanic/ Latino	21 (0.06%)	<5 (0.35%)			
Not Specified	<5 (0.01%)	0 (0%)			

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

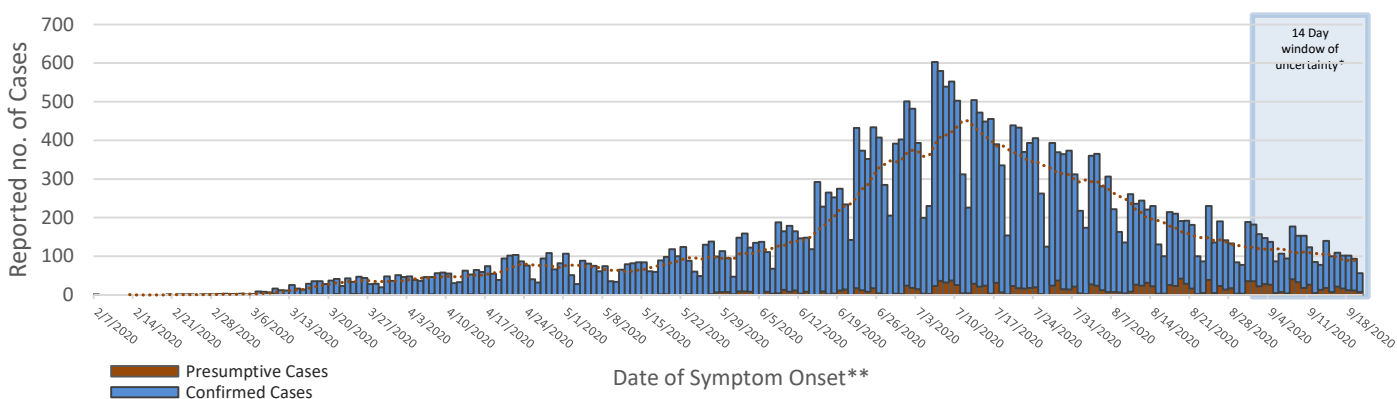


COVID-19 Snapshot, data as of 9am October 12, 2020

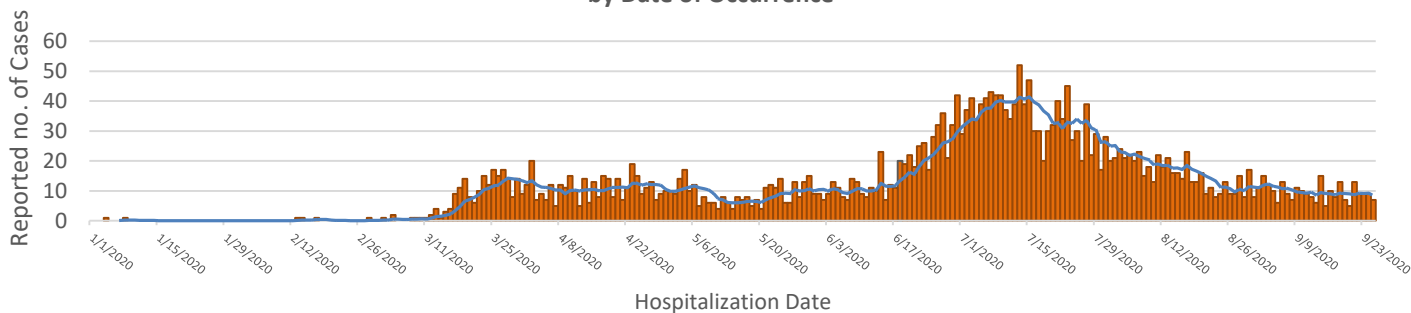
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

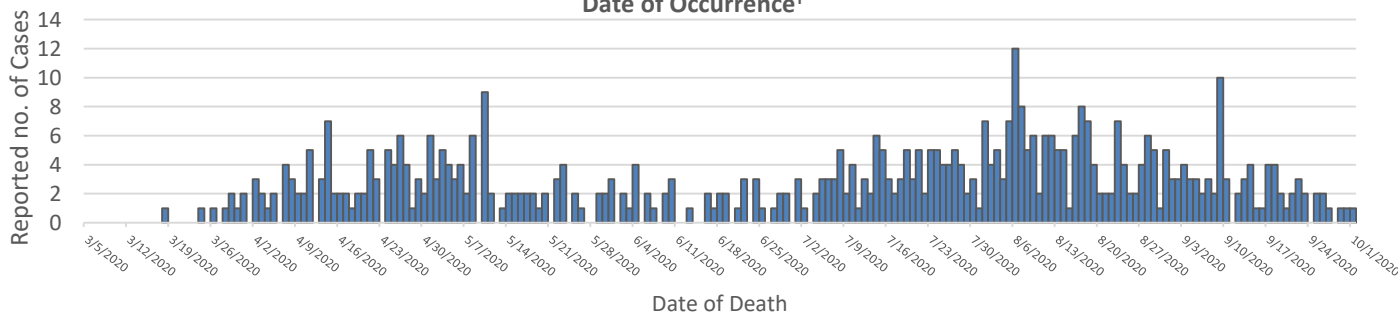
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 10/12/2020[†]



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 – 10/12/2020).

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	8,332 (10.0%)	25,809 (10.3%)	2,478 (9.2%)	1,872 (8.0%)	311,114 (9.8%)
Negative Tests	75,123 (90.0%)	224,081 (89.7%)	24,336 (90.8%)	21,432 (92.0%)	2,857,012 (89.2%)
Total Tests	84,273*	249,890	26,814	23,304	3,168,126

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 10/12/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 10/3/2020-10/9/2020

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	483 (5.6%)	48 (5.3%)	47 (5.6%)
Negative Tests	9,648 (95.4%)	862 (94.7%)	789 (94.4%)
Total Tests	10,131	910	836

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 10/12/20 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=1,659; Week 9/26/20 – 10/9/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	5	32.41	-44.44	Gwinnett	30518	77	135.83	-6.10	
	30017	34	139.25	17.24		30519	111	239.15	0.00	
	30019	130	263.90	13.04		30548	12	64.41	-14.29	
	30024	77	99.57	-7.23		30620	5	36.65	150.00	
	30039	60	130.08	22.45	Newton	30014	35	91.04	-25.53	
	30043	168	185.28	9.80		30016	73	134.58	25.86	
	30044	137	155.61	-12.74		30025	<5	21.49	0.00	
	30045	76	189.15	43.40		30054	11	92.41	0.00	
	30046	69	185.39	30.19		30055	<5	120.99	0.00	
	30047	91	139.10	4.60		30056	0	0.00	-100.00	
	30052	60	90.97	25.00	Rockdale	30012	29	105.05	16.00	
	30071	32	126.89	-13.51		30013	22	183.43	-24.14	
	30078	40	111.66	42.86		30058	0	0.00	0.00	
	30084	18	46.77	-14.29		30094	28	80.16	12.00	
	30087	15	37.50	36.36		30252	0	0.00	0.00	
	30092	58	163.75	48.72		30281	0	0.00	0.00	
	30093	65	117.95	0.00		30294	0	0.00	0.00	
	30096	78	114.78	52.94	Overall 14-day Case Rates per 100,000					
	30097	29	61.83	-17.14	Georgia	-	-	16,891	161.00	-8.00
	30340	10	35.68	42.86	Gwinnett	-	-	1,259	136.00	-3.55
	30360	7	43.95	0.00	Newton	-	-	98	89.00	-11.88
	30517	<5	27.29	-33.33	Rockdale	-	-	72	79.00	-7.06
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 Case counts and case rates are calculated using 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; † Represents total confirmed and presumptive cases

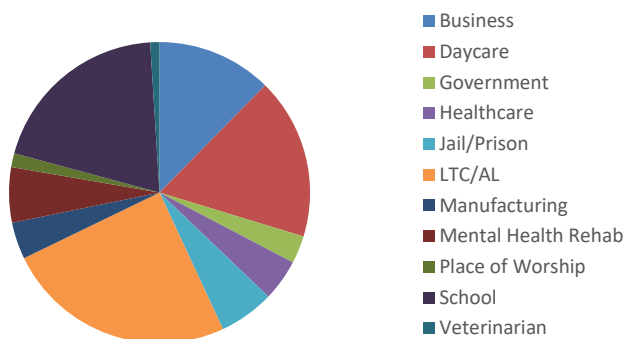
Epidemiology Overview for Outbreaks



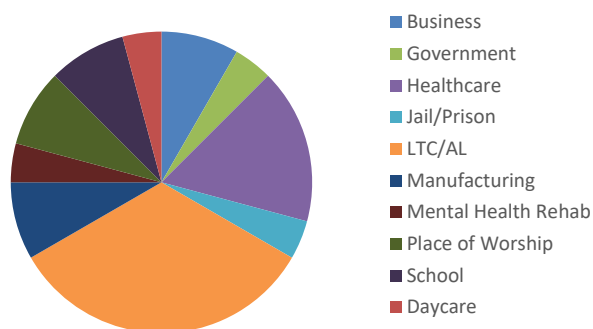
COVID-19 Snapshot, data as 12pm October 12, 2020

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.

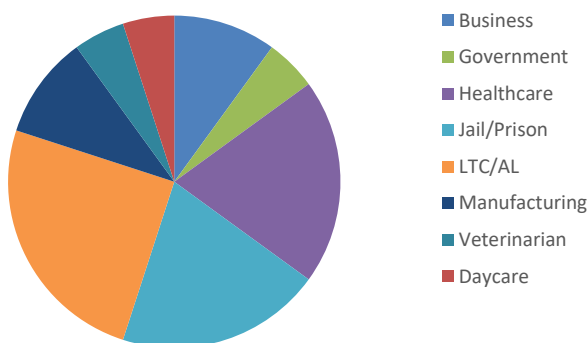
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



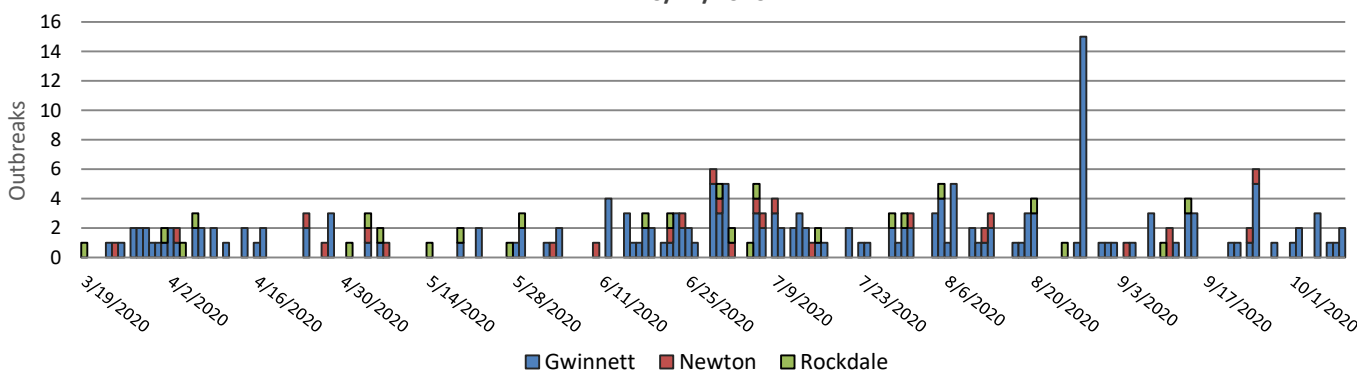
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=246

Facility Type	Gwinnett n=202	Newton n=24	Rockdale n=20
Business	12.38%	8.33%	10.00%
Government	17.33%	4.17%	5.00%
Daycare	2.97%	4.17%	5.00%
Healthcare	4.46%	16.67%	20.00%
Jail/Prison	5.94%	4.17%	20.00%
LTC/AL	24.75%	33.33%	25.00%
Manufacturing	3.96%	8.33%	10.00%
Mental Health Rehab	5.94%	4.17%	0%
Place of Worship	1.49%	8.33%	0%
Schools	19.80%	8.33%	0%
Veterinarian	0.99%	0%	5.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 10/12/2020



Epidemiology Overview for Gwinnett County

COVID-19 Snapshot, data as of 9am October 12, 2020

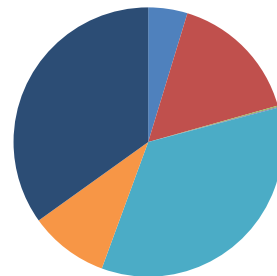
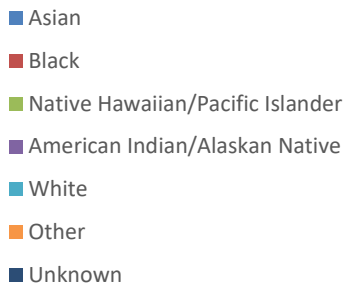


Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

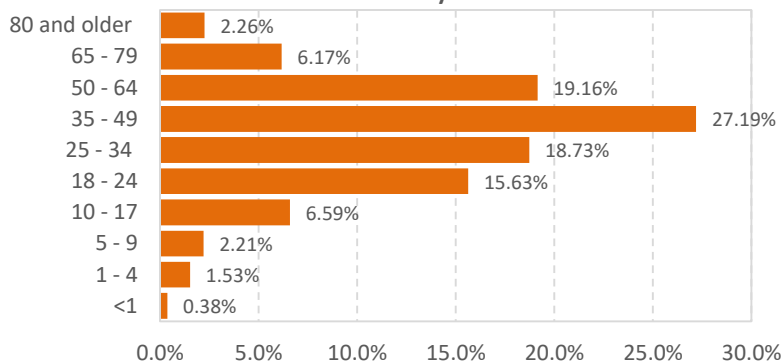
In Gwinnett County there has been a 3.1% increase in newly confirmed COVID-19 Cases between the week of 9/28/20 – 10/5/2020 (n=29,190) and 9/28/20 – 10/5/2020 (n=30,098).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,254	40	1,294	158
Total	28,479	1,619	30,098	437
Illness Characteristics*† N=30,098; n=437				
	Among all Cases		Among Deaths	
Gender				
Male	13,730 (46%)		216 (49%)	
Female	15,624 (52%)		221 (51%)	
Median Age (years)	38		73	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,760 (9%)		355 (81%)	
Total with Underlying Conditions	5,742 (58%)**		347 (99%)**	
Underlying Conditions unknown	20,157		87	

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 30,098; Total Deaths n=437					
	Among all Cases		Among Deaths		
Asian	1,418 (4.71%)		35 (8.01%)		White
Hispanic/Latino	14 (0.05%)		0 (0%)		10,451 (34.72%)
Non-Hispanic/ Latino	1,133 (3.76%)		35 (8.01%)		Hispanic/Latino
Not Specified	271 (0.90%)		0 (0%)		4,641 (15.45%)
Black	4,794 (15.93%)		114 (26.09%)		Non-Hispanic/ Latino
Hispanic/Latino	119 (0.40%)		<5 (0.23%)		4,841 (16.08%)
Non-Hispanic/ Latino	3,966 (13.18%)		112 (25.63%)		Not Specified
Not Specified	709 (2.36%)		<5 (0.23%)		969 (3.22%)
Native Hawaiian/Pacific Islander	46 (0.15%)		<5 (0.46%)		Other
Hispanic/Latino	9 (0.03%)		0 (0%)		2,862 (9.51%)
Non-Hispanic/ Latino	30 (0.10%)		<5 (0.46%)		Hispanic/Latino
Not Specified	7 (0.02%)		0 (0%)		1,969 (6.54%)
American Indian/Alaskan Native	26 (0.09%)		0 (0%)		Non-Hispanic/ Latino
Hispanic/Latino	5 (0.02%)		0 (0%)		353 (1.17%)
Non-Hispanic/Latino	17 (0.06%)		0 (0%)		Not Specified
Not Specified	<5 (0.01%)		0 (0%)		540 (1.79%)
					Unknown
					10,501 (34.89%)
					Hispanic/Latino
					1,462 (4.86%)
					Non-Hispanic/ Latino
					369 (1.23%)
					Not Specified
					8,670 (28.81%)

*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 Newton County

COVID-19 Snapshot, data as of 9am October 12, 2020

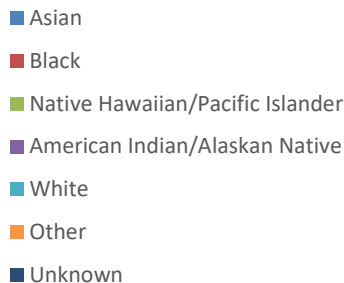


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

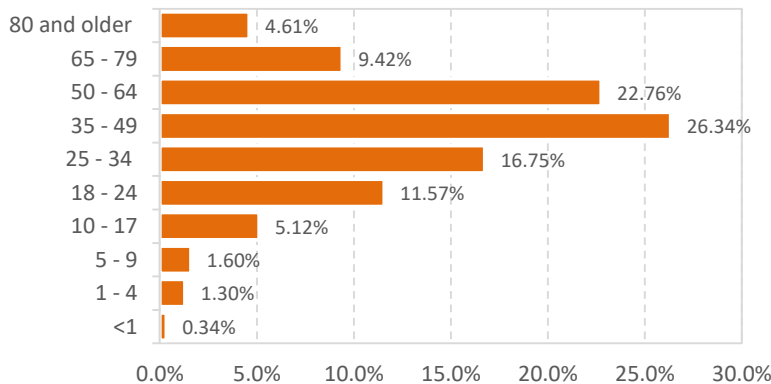
In Newton County there has been a 3.1% increase in newly confirmed COVID-19 Cases between the week of 9/28/20 – 10/5/20 (n=2,842) and 10/5/20 – 10/12/20 (n=2,931).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	266	5	271	44
Total	2,681	250	2,931	93
Illness Characteristics*† N=2,931; n=93				
	Among all Cases		Among Deaths	
Gender				
	Male	1,239 (42%)		43 (46%)
	Female	1,634 (56%)		50 (53%)
Median Age (years)		44		79
Age range (years)		0 – 100		50 - 98
Total Hospitalizations		276 (9%)		51 (55%)
Total with Underlying Conditions		662 (62%)**		46 (96%)**
Underlying Conditions unknown		1,855		45

Race Distribution of Cases in Gwinnett County



Age Distribution for Newton County



Total Cases & Deaths by Race*† N = 2,931; Total Deaths n=93					
	Among all Cases		Among Deaths		
Asian	16 (0.55%)		0 (0%)		White
Hispanic/Latino	0 (0%)		0 (0%)		136 (4.64%)
Non-Hispanic/ Latino	14 (0.48%)		0 (0%)		712 (24.29%)
Not Specified	<5 (0.07%)		0 (0%)		72 (2.46%)
Black	1,119 (38.18%)		33 (35.48%)		Other
Hispanic/Latino	10 (0.34%)		0 (0%)		77 (2.63%)
Non-Hispanic/ Latino	962 (32.82%)		33 (35.48%)		32 (1.09%)
Not Specified	147 (5.02%)		0 (0%)		10 (0.34%)
Native Hawaiian/Pacific Islander	0 (0%)		0 (0%)		35 (1.19%)
Hispanic/Latino	0 (0%)		0 (0%)		Unknown
Non-Hispanic/ Latino	0 (0%)		0 (0%)		796 (27.16%)
Not Specified	0 (0%)		0 (0%)		21 (0.72%)
American Indian/Alaskan Native	<5 (0.10%)		<5 (1.08%)		39 (1.33%)
Hispanic/Latino	<5 (0.03%)		0 (0%)		736 (25.11%)
Non-Hispanic/Latino	<5 (0.07%)		<5 (1.08%)		21 (0.72%)
Not Specified	0 (0%)		0 (0%)		39 (1.33%)

*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 October 12, 2020

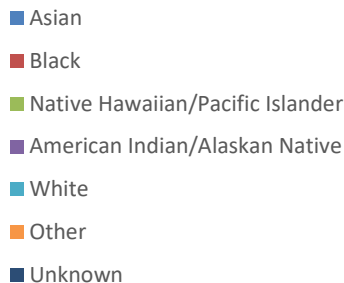


Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

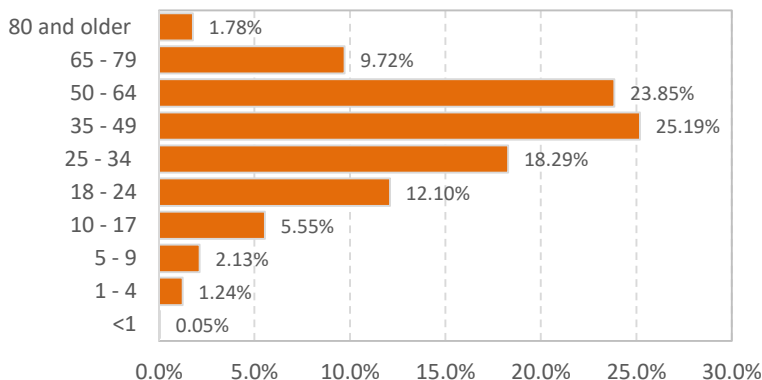
In Rockdale County there has been a 3.5% increase in newly confirmed COVID-19 Cases between the week of **9/28/2020 – 10/5/2020 (n=1,949)** and **10/5/2020 – 10/12/2020 (n=2,017)**.

COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths†
Outbreak	101	2	103 3
Total	1,931	86	2,017 41
Illness Characteristics*† N=1,949; n=38			
	Among all Cases	Among Deaths	
Gender			
Male	846 (43%)	19 (50%)	
Female	1,060 (54%)	19 (50%)	
Median Age (years)	41	69	
Age range (years)	0 – 100	27 – 93	
Total Hospitalizations	225 (12%)	31 (82%)	
Total with Underlying Conditions	520 (66%)**	32 (100%)**	
Underlying Conditions unknown	1,225	9	

Race Distribution of Cases in Gwinnett County



Age Distribution for Rockdale County



Total Cases & Deaths by Race*† N = 2,017; Total Deaths n=41					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	24 (1.19%)	0 (0%)	White	434 (21.52%)	15 (36.59%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	158 (7.83%)	<5 (4.88%)
Non-Hispanic/ Latino	20 (0.99%)	0 (0%)	Non-Hispanic/ Latino	13 (12.39%)	14 (31.71%)
Not Specified	<5 (0.20%)	0 (0%)	Not Specified	26 (1.29%)	0 (0%)
Black	895 (44.37%)	23 (56.10%)	Other	85 (4.21%)	<5 (2.44%)
Hispanic/Latino	8 (0.40%)	0 (0%)	Hispanic/Latino	45 (2.23%)	<5 (2.44%)
Non-Hispanic/ Latino	762 (37.78%)	22 (53.66%)	Non-Hispanic/ Latino	18 (0.89%)	0 (0%)
Not Specified	125 (6.20%)	<5 (2.44%)	Not Specified	22 (1.09%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.10%)	0 (0%)	Unknown	575 (28.51%)	<5 (2.44%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	32 (1.59%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.10%)	0 (0%)	Non-Hispanic/ Latino	9 (0.45%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	534 (26.47%)	<5 (2.44%)
American Indian/Alaskan Native	<5 (0.10%)	<5 (2.44%)	*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 (2.44%)			
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.