

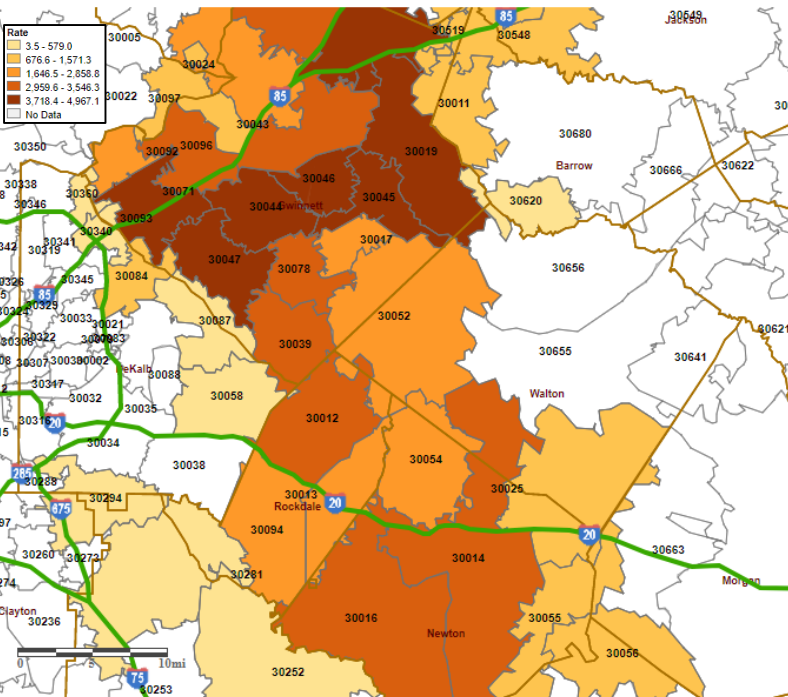
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Snapshot, data as of 9am November 9, 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 November 9, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	31,848	2,220	34,068	472
Newton County	3,006	321	3,327	101
Rockdale County	2,247	135	2,382	44
Total	37,101	2,676	39,777	617
Illness Characteristics*† N=39,777; n=617				
	Among all Cases		Among Deaths	
Gender				
Male	18,073 (45%)		307 (50%)	
Female	20,856 (52%)		310 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,521 (9%)		461 (76%)	
Total with Underlying Conditions	7,943 (56%)**		469 (99%)**	
Underlying Conditions unknown	25,672		153	

Total Cases & Deaths by Race*† N = 39,777; Total Deaths n=617

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,800 (4.53%)	37 (6.00%)	White	14,141 (35.55%)	336 (54.46%)
Hispanic/Latino	15 (0.04%)	0 (0%)	Hispanic/Latino	5,362 (13.48%)	63 (10.21%)
Non-Hispanic/ Latino	1,433 (3.60%)	37 (6.00%)	Non-Hispanic/ Latino	7,472 (18.78%)	272 (44.08%)
Not Specified	352 (0.88%)	0 (0%)	Not Specified	1,307 (3.29%)	<5 (0.16%)
Black	8,437 (21.21%)	185 (29.98%)	Other	3,296 (8.29%)	48 (7.78%)
Hispanic/Latino	172 (0.43%)	<5 (0.16%)	Hispanic/Latino	2,275 (5.72%)	47 (7.62%)
Non-Hispanic/ Latino	7,077 (17.79%)	183 (29.66%)	Non-Hispanic/ Latino	452 (1.14%)	<5 (0.16%)
Not Specified	1,188 (2.99%)	<5 (0.16%)	Not Specified	569 (1.43%)	0 (0%)
Native Hawaiian/Pacific Islander	50 (0.13%)	<5 (0.32%)	Unknown	12,016 (30.21%)	7 (1.13%)
Hispanic/Latino	11 (0.03%)	0 (0%)	Hispanic/Latino	1,728 (4.34%)	<5 (0.32%)
Non-Hispanic/ Latino	32 (0.08%)	<5 (0.32%)	Non-Hispanic/ Latino	548 (1.38%)	<5 (0.16%)
Not Specified	7 (0.02%)	0 (0%)	Not Specified	9,740 (24.49%)	<5 (0.65%)
American Indian/Alaskan Native	37 (0.09%)	<5 (0.32%)	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	9 (0.02%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/ Latino	23 (0.06%)	<5 (0.32%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	5 (0.01%)	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

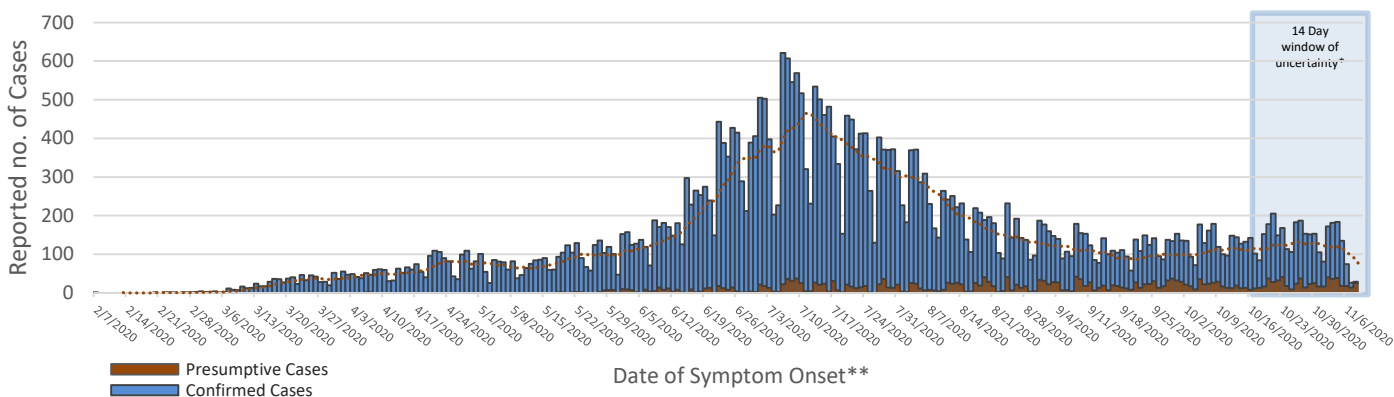


COVID-19 Snapshot, data as of 9am November 9, 2020

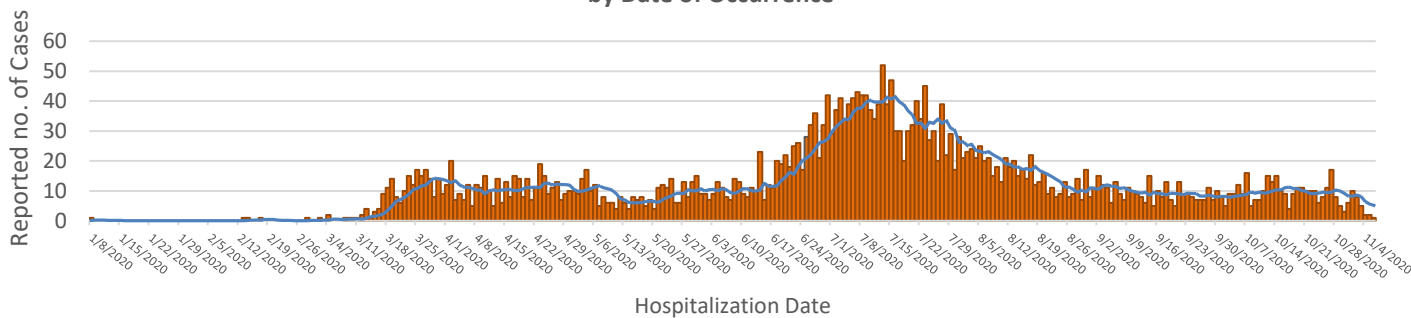
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

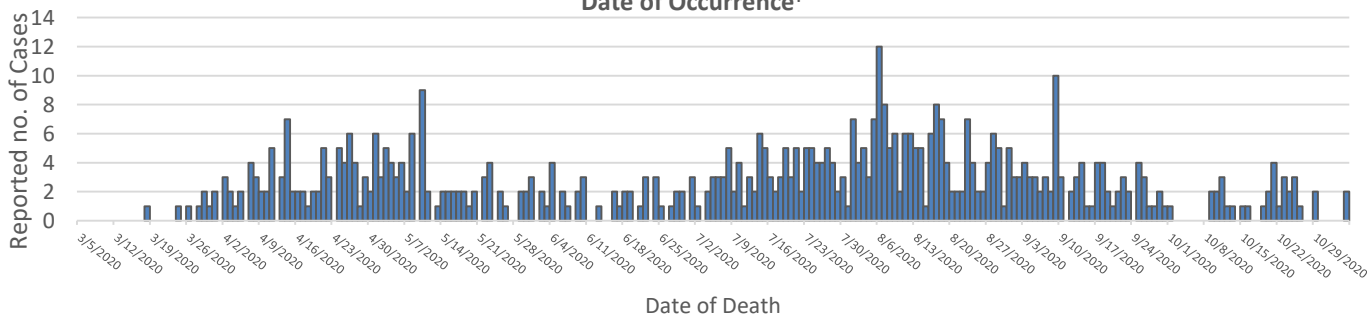
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 11/9/2020[†]



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 – 11/6/2020).

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	8,778 (9.7%)	29,235 (9.6%)	2,800 (9.1%)	2,220 (8.2%)	350,067 (9.3%)
Negative Tests	81,516 (90.1%)	275,643 (90.4%)	28,137 (91.9%)	24,892 (91.8%)	3,399,827 (89.7%)
Total Tests	90,789*	304,878	30,937	27,112	3,749,894

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 11/2/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 10/31/2020-11/06/2020

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	970 (7.2%)	126 (11.3%)	82 (8.4%)
Negative Tests	12,455 (92.8%)	991 (88.7%)	892 (91.6%)
Total Tests	13,425	1,117	974

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 11/2/20 5pm.

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=2,478; Week 10/24/20 – 11/6/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	23	149.08	53.33	Gwinnett	30518	136	239.91	20.35	
	30017	59	241.64	34.09		30519	157	388.25	53.92	
	30019	133	269.98	4.72		30548	22	118.09	10.00	
	30024	95	122.84	-5.00		30620	9	65.96	80.00	
	30039	84	182.11	7.69	Newton	30014	57	148.26	90.00	
	30043	224	247.04	12.56		30016	104	191.73	28.40	
	30044	198	224.90	-10.00		30025	<5	32.23	0.00	
	30045	98	243.91	19.51		30054	14	117.61	40.00	
	30046	74	198.83	34.55		30055	<5	90.74	-	
	30047	140	214.00	7.69		30056	<5	45.11	0.00	
	30052	67	101.58	31.37	Rockdale	30012	78	282.56	52.94	
	30071	52	206.20	10.64		30013	57	216.17	7.55	
	30078	75	209.36	53.06		30058	0	0.00	-	
	30084	24	62.36	26.32		30094	65	186.10	44.44	
	30087	18	45.00	28.57		30252	0	0.00	-	
	30092	55	155.28	14.58		30281	<5	2.96	-33.33	
	30093	99	179.65	54.69		30294	0	0.00	-	
	30096	168	247.21	29.23	Overall 14-day Case Rates per 100,000					
	30097	57	121.52	14.00	Georgia	-	-	29,112	227.00	-8.84
	30340	5	17.84	-37.50	Gwinnett	-	-	2,220	240.00	17.07
	30360	<5	25.11	100.00	Newton	-	-	218	199.00	47.41
	30517	12	81.87	20.00	Rockdale	-	-	203	224.00	34.81
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.										

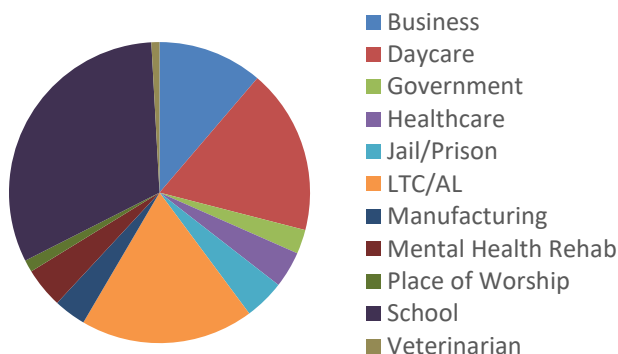
Epidemiology Overview for Outbreaks



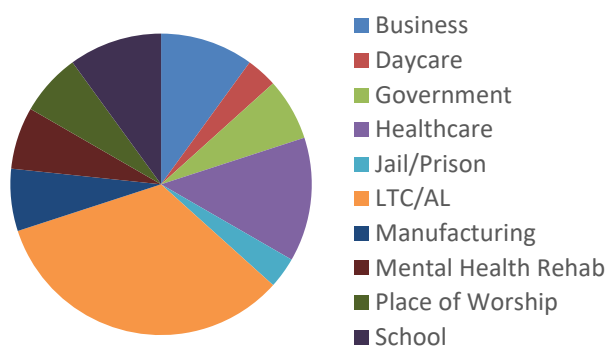
COVID-19 Snapshot, data as 12pm November 9, 2020

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.

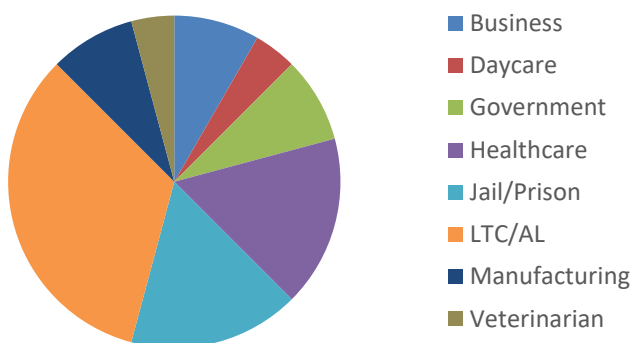
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



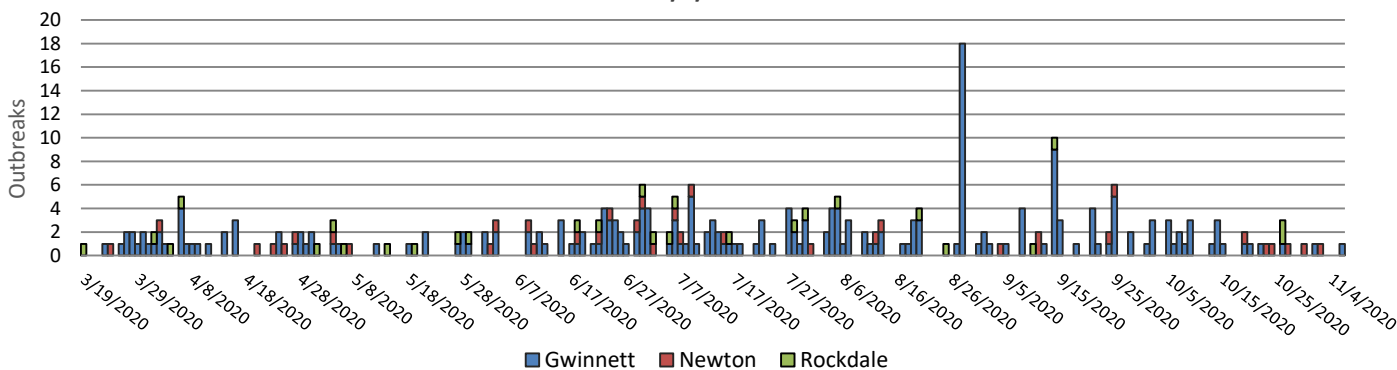
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=287

Facility Type	Gwinnett n=233	Newton n=30	Rockdale n=24
Business	11.59%	10.00%	8.33%
Government	18.03%	6.67%	8.33%
Daycare	2.58%	3.33%	4.17%
Healthcare	4.29%	13.33%	16.67%
Jail/Prison	5.15%	3.33%	16.67%
LTC/AL	23.61%	33.33%	33.33%
Manufacturing	3.43%	6.67%	8.33%
Mental Health Rehab	4.72%	6.67%	0%
Place of Worship	1.29%	6.67%	0%
Schools	24.46%	10.00%	0%
Veterinarian	0.86%	0%	4.17%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 11/9/2020



Epidemiology Overview for Gwinnett County

COVID-19 Snapshot, data as of 9am November 9, 2020

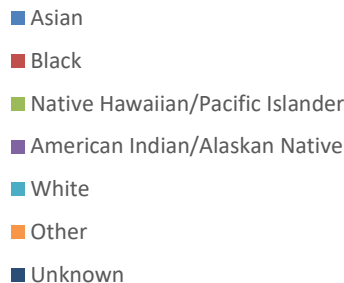


Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

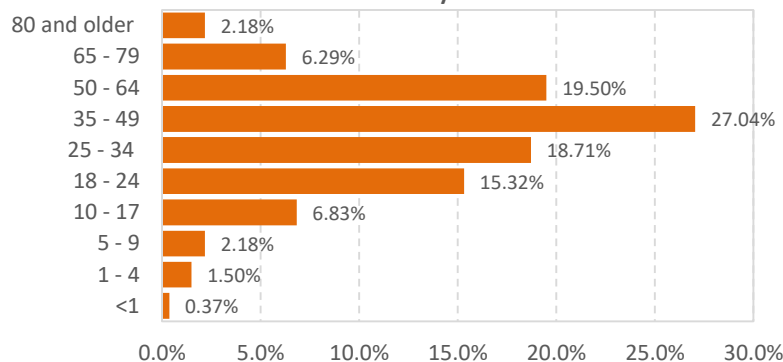
In Gwinnett County there has been a 3.5% increase in newly confirmed COVID-19 Cases between the week of **10/26/20 – 11/2/2020 (n=32,915)** and **11/2/20 – 11/9/2020 (n=34,068)**.

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,402	68	1,470	163
Total	31,848	2,220	34,068	472
Illness Characteristics*† N=34,068; n=472				
	Among all Cases		Among Deaths	
Gender				
Male	15,632 (46%)		240 (51%)	
Female	17,695 (52%)		232 (49%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	2,915 (9%)		382 (81%)	
Total with Underlying Conditions	6,549 (55%)**		375 (99%)**	
Underlying Conditions unknown	22,179		94	

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 34,068; Total Deaths n=464					
	Among all Cases		Among Deaths		
Asian	1,753 (5.15%)		37 (7.84%)		White
Hispanic/Latino	15 (0.04%)		0 (0%)		12,427 (36.48%)
Non-Hispanic/ Latino	1,395 (4.09%)		37 (7.84%)		255 (54.03%)
Not Specified	343 (1.01%)		0 (0%)		Hispanic/Latino
Black	5,885 (17.27%)		126 (26.69%)		5,040 (14.79%)
Hispanic/Latino	148 (0.43%)		<5 (0.21%)		6,246 (18.33%)
Non-Hispanic/ Latino	4,920 (14.44%)		125 (26.48%)		194 (41.10%)
Not Specified	817 (2.40%)		0 (0%)		Not Specified
Native Hawaiian/Pacific Islander	48 (0.14%)		<5 (0.42%)		1,141 (3.35%)
Hispanic/Latino	11 (0.03%)		0 (0%)		<5 (0.21%)
Non-Hispanic/ Latino	30 (0.09%)		<5 (0.42%)		Other
Not Specified	7 (0.02%)		0 (0%)		3,109 (9.13%)
American Indian/Alaskan Native	31 (0.09%)		0 (0%)		47 (9.96%)
Hispanic/Latino	8 (0.02%)		0 (0%)		Hispanic/Latino
Non-Hispanic/Latino	19 (0.06%)		0 (0%)		2,178 (6.39%)
Not Specified	<5 (0.01%)		0 (0%)		46 (9.75%)
					Non-Hispanic/ Latino
					417 (1.22%)
					<5 (0.21%)
					Not Specified
					514 (1.51%)
					0 (0%)
					Unknown
					10,815 (31.75%)
					5 (1.06%)
					Hispanic/Latino
					1,667 (4.89%)
					<5 (0.42%)
					Non-Hispanic/ Latino
					459 (1.35%)
					<5 (0.21%)
					Not Specified
					8,689 (25.50%)
					<5 (0.42%)

*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 November 9, 2020

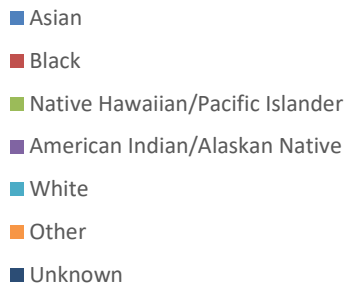


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

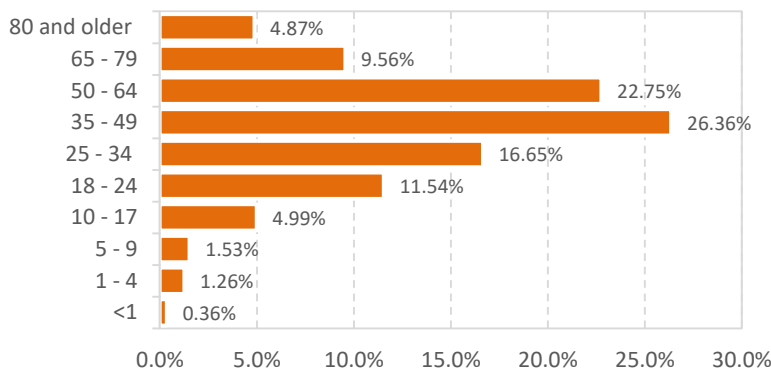
In Newton County there has been a 4.3% increase in newly confirmed COVID-19 Cases between the week of 10/26/20 – 11/2/20 (n=3,190) and 11/2/20 – 11/6/20 (n=3,327).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	311	12	323	50
Total	3,006	321	3,327	101
Illness Characteristics*† N=3,327; n=101				
	Among all Cases		Among Deaths	
Gender				
	Male	1,410 (42%)		46 (46%)
	Female	1,858 (56%)		55 (54%)
Median Age (years)		43		79
Age range (years)		0 – 100		50 - 98
Total Hospitalizations		312 (9%)		53 (52%)
Total with Underlying Conditions		753 (61%)**		50 (96%)**
Underlying Conditions unknown		2,089		49

Race Distribution of Cases in Newton County



Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N = 3,327; Total Deaths n=101					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	19 (0.57%)	0 (0%)	White	1,136 (34.14%)	64 (63.37%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	148 (4.45%)	<5 (0.99%)
Non-Hispanic/ Latino	16 (0.48%)	0 (0%)	Non-Hispanic/ Latino	902 (27.11%)	63 (62.38%)
Not Specified	<5 (0.09%)	0 (0%)	Not Specified	86 (2.58%)	0 (0%)
Black	1,358 (40.82%)	34 (33.66%)	Other	84 (2.52%)	0 (0%)
Hispanic/Latino	12 (0.36%)	0 (0%)	Hispanic/Latino	44 (1.32%)	0 (0%)
Non-Hispanic/ Latino	1,177 (35.38%)	34 (33.66%)	Non-Hispanic/ Latino	13 (0.39%)	0 (0%)
Not Specified	169 (5.08%)	0 (0%)	Not Specified	27 (0.81%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	726 (21.82%)	<5 (1.98%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	25 (0.75%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	56 (1.68%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	645 (19.39%)	<5 (1.98%)
American Indian/Alaskan Native	<5 (0.12%)	<5 (0.99%)	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available		
Hispanic/Latino	<5 (0.03%)	0 (0%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Non-Hispanic/Latino	<5 (0.06%)	<5 (0.99%)	† = Represents total confirmed and presumptive cases		
Not Specified	<5 (0.03%)	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 November 9, 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 4.6% increase in newly confirmed COVID-19 Cases between the week of **10/26/2020 – 11/2/2020 (n=2,278)** and **10/26/2020 – 11/2/2020 (n=2,382)**.

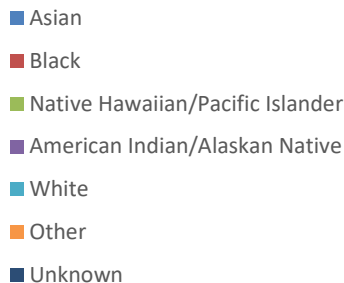
COVID-19 Cases & Deaths*

	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	150	4	154	7
Total	2,247	135	2,382	43

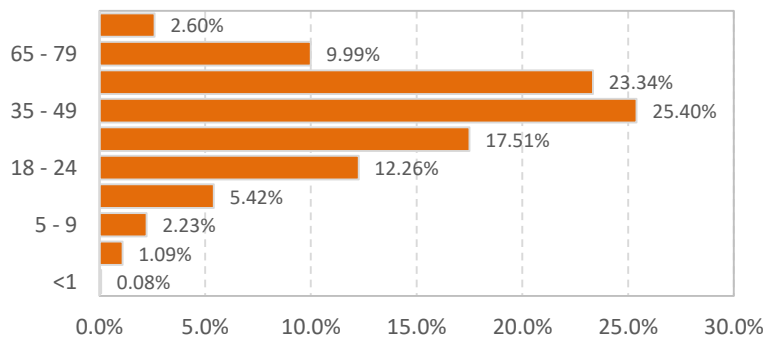
Illness Characteristics*† N=2,382 n=43

	Among all Cases	Among Deaths
Gender		
Male	1,031 (43%)	21 (48%)
Female	1,303 (55%)	23 (52%)
Median Age (years)	42	67
Age range (years)	0 – 100	27 – 100
Total Hospitalizations	294 (12%)	34 (77%)
Total with Underlying Conditions	641 (66%)**	34 (100%)**
Underlying Conditions unknown	1,404	10

Race Distribution of Cases in Rockdale County



Age Distribution of Cases for Rockdale County



Total Cases & Deaths by Race*† N = 2,382 Total Deaths n=43

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	28 (1.18%)	0 (0%)	White	578 (24.27%)	17 (38.64%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	174 (7.30%)	<5 (4.55%)
Non-Hispanic/ Latino	22 (0.92%)	0 (0%)	Non-Hispanic/ Latino	324 (13.60%)	15 (34.09%)
Not Specified	6 (0.25%)	0 (0%)	Not Specified	80 (3.36%)	0 (0%)
Black	1,194 (50.13%)	25 (56.82%)	Other	103 (4.32%)	<5 (2.27%)
Hispanic/Latino	12 (0.50%)	0 (0%)	Hispanic/Latino	53 (2.23%)	<5 (2.27%)
Non-Hispanic/ Latino	980 (41.14%)	24 (54.55%)	Non-Hispanic/ Latino	22 (0.92%)	0 (0%)
Not Specified	202 (8.48%)	<5 (2.27%)	Not Specified	28 (1.18%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.08%)	0 (0%)	Unknown	475 (19.94%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	36 (1.51%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.08%)	0 (0%)	Non-Hispanic/ Latino	33 (1.39%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	406 (17.04%)	0 (0%)
American Indian/Alaskan Native	<5 (0.08%)	<5 (2.27%)	*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 (0.08%)	<5 (2.27%)			
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.