

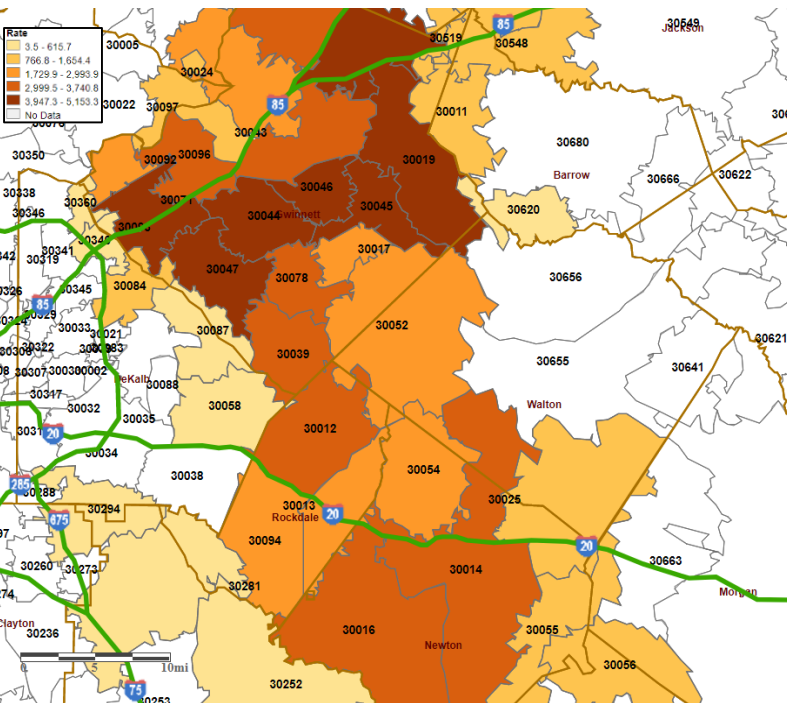
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Snapshot, data as of 9am November 16, 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 16, 2020



COVID-19 Cases & Deaths*				
	Confirmed cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett County	33,169	2,484	35,653	489
Newton County	3,081	381	3,462	104
Rockdale County	2,313	148	2,461	47
Total	38,564	2,676	41,576	640
Illness Characteristics*† N=41,576 n=640				
	Among all Cases		Among Deaths	
Gender				
Male	18,898 (45%)		318 (50%)	
Female	21,833 (53%)		322 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	3,600 (9%)		486 (76%)	
Total with Underlying Conditions	8,243 (56%)**		472 (99%)**	
Underlying Conditions unknown	26,815		153	

Total Cases & Deaths by Race*† N = 41,576; Total Deaths n=640

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,892 (4.55%)	40 (6.25%)	White	14,781 (35.55%)	348 (54.38%)
Hispanic/Latino	16 (4.55%)	0 (0%)	Hispanic/Latino	5,508 (13.25%)	66 (10.31%)
Non-Hispanic/ Latino	1,504 (0.04%)	40 (6.25%)	Non-Hispanic/ Latino	7,904 (19.01%)	281 (43.91%)
Not Specified	372 (0.89%)	0 (0%)	Not Specified	1,369 (3.29%)	<5 (0.16%)
Black	8,885 (21.37%)	188 (29.38%)	Other	3,413 (8.21%)	52 (8.13%)
Hispanic/Latino	185 (0.44%)	<5 (0.16%)	Hispanic/Latino	2,338 (5.62%)	51 (7.97%)
Non-Hispanic/ Latino	7,468 (17.96%)	186 (29.06%)	Non-Hispanic/ Latino	473 (1.14%)	<5 (0.16%)
Not Specified	1,232 (2.96%)	<5 (0.16%)	Not Specified	602 (1.45%)	0 (0%)
Native Hawaiian/Pacific Islander	51 (0.12%)	<5 (0.31%)	Unknown	12,511 (30.09%)	8 (1.25%)
Hispanic/Latino	11 (0.03%)	0 (0%)	Hispanic/Latino	1,798 (4.32%)	<5 (0.31%)
Non-Hispanic/ Latino	33 (0.08%)	<5 (0.31%)	Non-Hispanic/ Latino	590 (1.42%)	<5 (0.16%)
Not Specified	7 (0.02%)	0 (0%)	Not Specified	10,123 (24.35%)	5 (0.41%)
American Indian/Alaskan Native	43 (0.10%)	<5 (0.31%)	*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	9 (0.02%)	0 (0%)			
Non-Hispanic/ Latino	27 (0.06%)	<5 (0.31%)			
Not Specified	7 (0.02%)	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

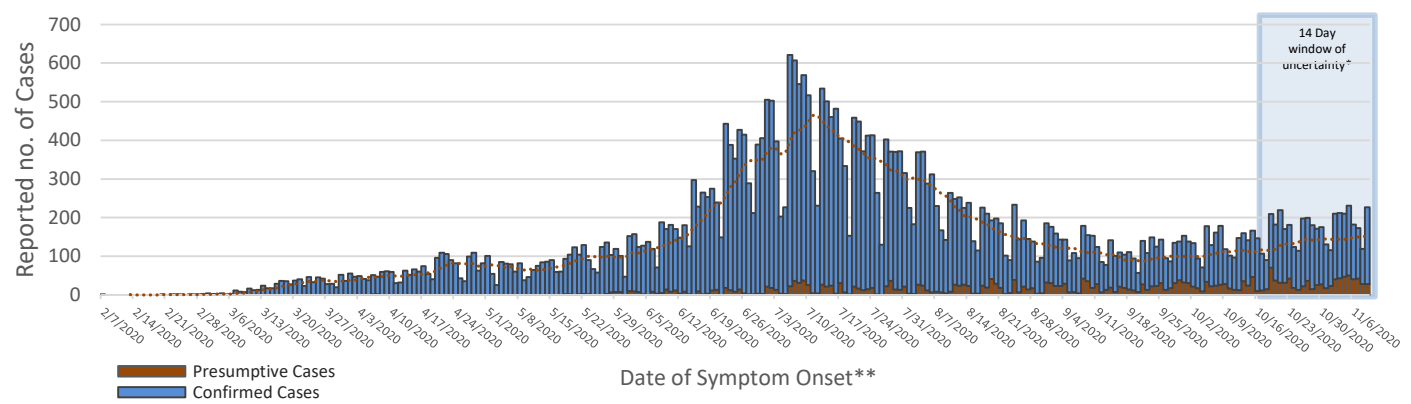


COVID-19 Snapshot, data as of 9am November 16, 2020

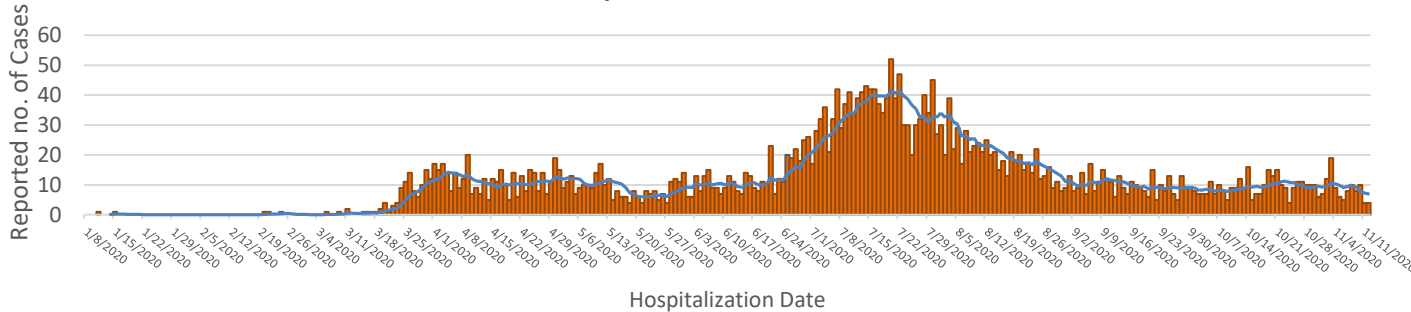
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

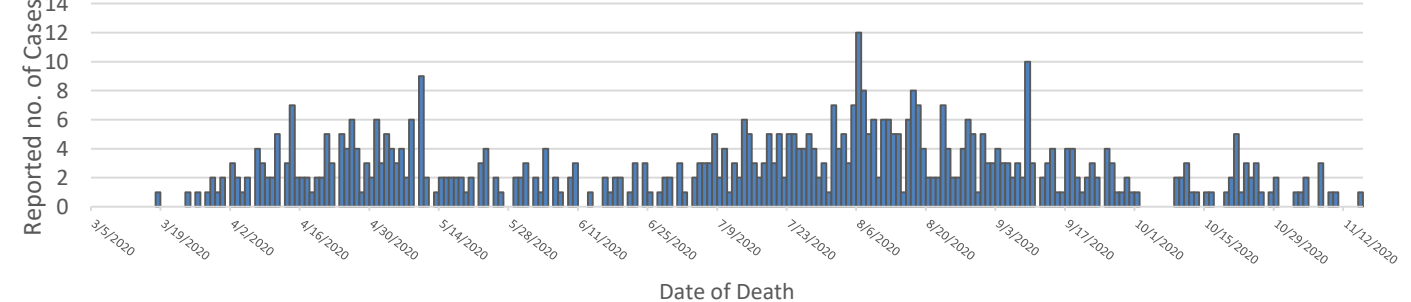
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 11/16/2020[†]



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 – 11/16/2020).

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	8,860 (9.7%)	30,703 (9.6%)	2,907 (9.1%)	2,309 (8.2%)	362,565 (9.3%)
Negative Tests	82,567 (90.1%)	290,618 (90.4%)	29,140 (91.9%)	25,792 (91.8%)	3,538,143 (89.7%)
Total Tests	92,640*	321,321	32,047	28,101	3,900,708

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 11/16/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 11/7/2020-11/13/2020

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	1,331 (8.6%)	100 (9.7%)	89 (9.9%)
Negative Tests	14,119 (91.4%)	927 (90.3%)	811 (90.1%)
Total Tests	15,450	1,027	900

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 11/16/20 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=3,075; Week 10/31/20 – 11/13/20†										
County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	22	142.60	-4.35	Gwinnett	30518	167	294.59	22.79	
	30017	73	298.98	23.73		30519	165	355.49	5.10	
	30019	167	339.00	25.56		30548	23	123.46	4.55	
	30024	130	168.10	36.84		30620	11	80.62	22.22	
	30039	126	273.16	50.00	Newton	30014	76	197.69	33.33	
	30043	283	312.10	26.34		30016	131	241.51	25.96	
	30044	257	291.91	29.80		30025	8	85.95	166.67	
	30045	136	338.49	38.78		30054	14	117.61	0.00	
	30046	100	268.69	35.14		30055	9	272.23	200.00	
	30047	152	232.34	8.57		30056	<5	135.32	200.00	
	30052	95	144.03	41.79	Rockdale	30012	75	271.69	-3.85	
	30071	77	305.34	48.08		30013	60	227.55	5.26	
	30078	91	254.02	21.33		30058	0	0.00	-	
	30084	30	77.95	25.00		30094	84	240.49	29.23	
	30087	28	69.99	55.56		30252	0	0.00	-	
	30092	91	256.92	65.45		30281	<5	1.48	-50.00	
	30093	118	214.13	19.19		30294	0	0.00	-	
	30096	117	172.16	-30.36	Overall 14-day Case Rates per 100,000					
	30097	57	121.52	0.00	Georgia	-	-	33,359	317.00	39.65
	30340	12	42.81	140.00	Gwinnett	-	-	2,706	292.00	21.67
	30360	<5	25.11	0.00	Newton	-	-	279	254.00	27.64
					Rockdale	-	-	228	251.00	3.28
30517	13	88.69	8.33	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.						

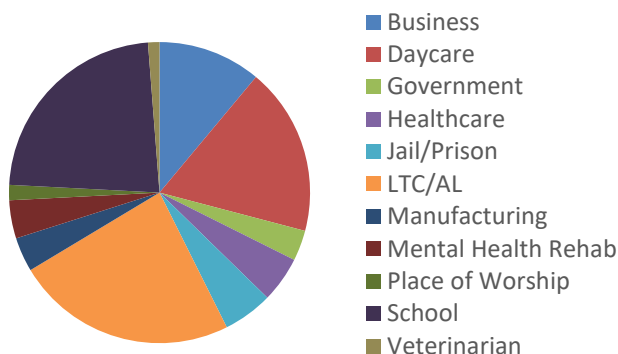
Epidemiology Overview for Outbreaks



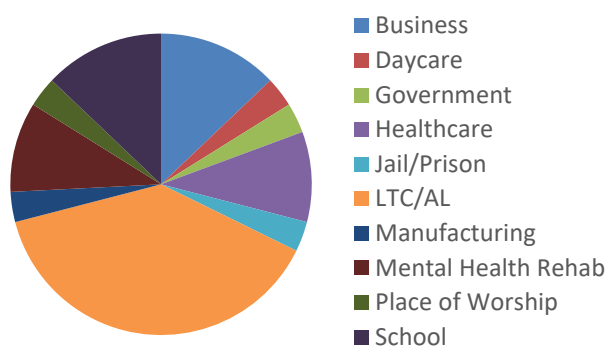
COVID-19 Snapshot, data as 12pm November 16, 2020

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.

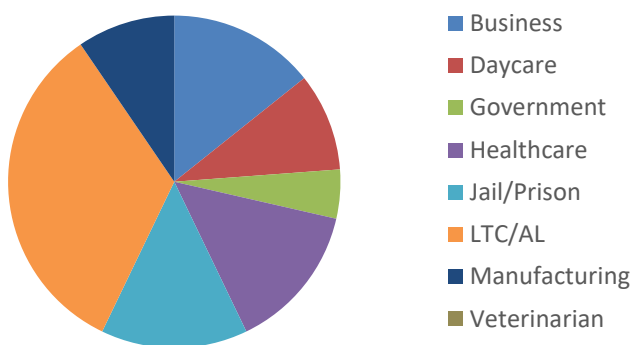
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



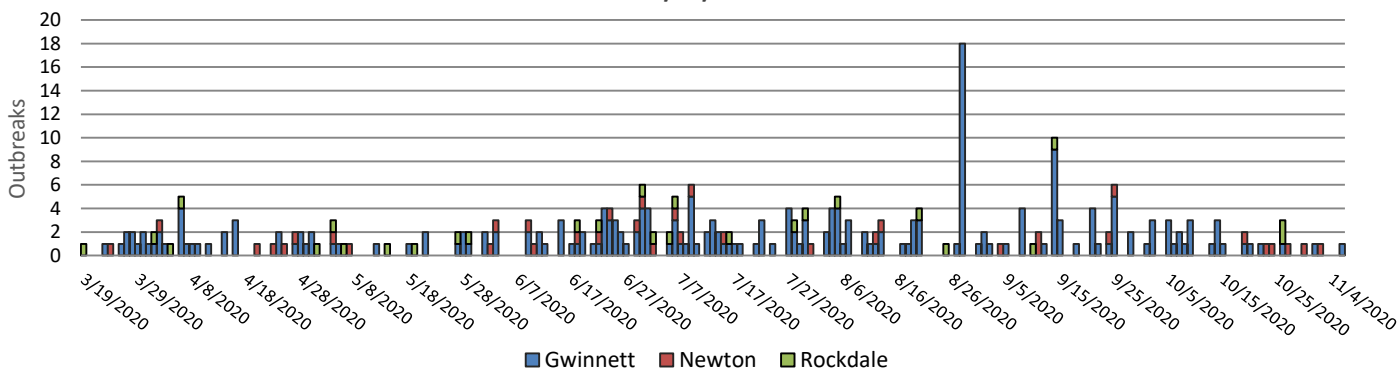
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=298

Facility Type	Gwinnett n=244	Newton n=31	Rockdale n=23
Business	11.07%	12.90%	13.04%
Government	3.28%	3.23%	4.35%
Daycare	18.03%	3.23%	8.70%
Healthcare	4.92%	9.68%	13.04%
Jail/Prison	5.33%	3.23%	13.04%
LTC/AL	23.77%	38.71%	30.43%
Manufacturing	3.28%	3.23%	8.70%
Mental Health Rehab	4.10%	9.68%	4.35%
Place of Worship	1.64%	3.23%	0%
Schools	22.95%	12.90%	4.35%
Veterinarian	1.23%	0%	0%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 11/16/2020



Epidemiology Overview for Gwinnett County

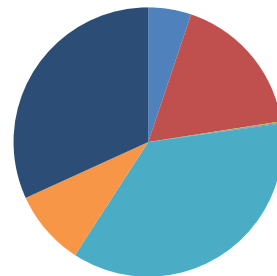
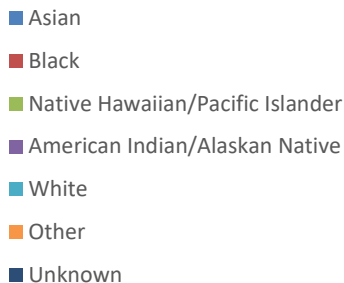
COVID-19 Snapshot, data as of 9am November 16, 2020



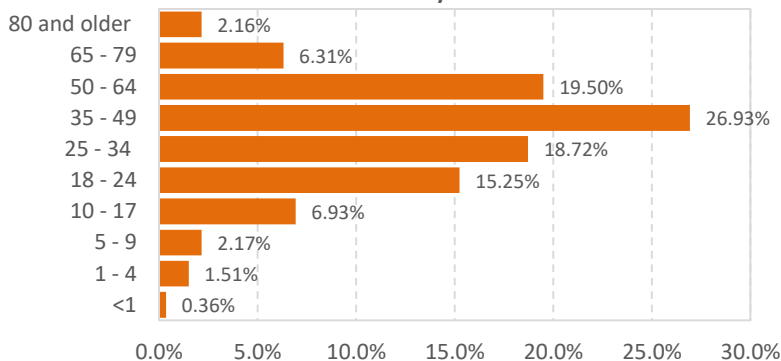
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 4.7% increase in newly confirmed COVID-19 Cases between the week of **11/2/20 – 11/9/2020 (n=34,068)** and **11/9/20 – 11/16/2020 (n=35,653)**.

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths†
Outbreak	1,438	83	1,521 166
Total	33,169	2,484	35,653 489
Illness Characteristics*† N=35,653; n=489			
	Among all Cases	Among Deaths	
Gender			
Male	16,353 (46%)	247 (51%)	
Female	16,353 (52%)	242 (49%)	
Median Age (years)	38	74	
Age range (years)	0 – 103	15 - 102	
Total Hospitalizations	2,960 (8%)	395 (81%)	
Total with Underlying Conditions	6,782 (54%)**	385 (99%)**	
Underlying Conditions unknown	23,216	101	

Total Cases & Deaths by Race*† N = 35,653; Total Deaths n=489					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	1,841 (5.16%)	40 (8.18%)	White	12,965 (36.36%)	265 (54.19%)
Hispanic/Latino	16 (0.04%)	0 (0%)	Hispanic/Latino	5,181 (14.53%)	63 (12.88%)
Non-Hispanic/ Latino	1,464 (4.11%)	40 (8.18%)	Non-Hispanic/ Latino	6,604 (18.52%)	201 (41.10%)
Not Specified	361 (1.01%)	0 (0%)	Not Specified	1,180 (3.31%)	<5 (0.20%)
Black	6,195 (17.38%)	126 (25.77%)	Other	3,226 (9.05%)	51 (10.43%)
Hispanic/Latino	160 (0.45%)	<5 (0.20%)	Hispanic/Latino	2,245 (6.30%)	50 (10.22%)
Non-Hispanic/ Latino	5,202 (14.59%)	125 (25.56%)	Non-Hispanic/ Latino	436 (1.22%)	<5 (0.20%)
Not Specified	833 (2.34%)	0 (0%)	Not Specified	545 (1.53%)	0 (0%)
Native Hawaiian/Pacific Islander	49 (0.14%)	<5 (0.41%)	Unknown	11,342 (31.81%)	5 (1.02%)
Hispanic/Latino	11 (0.03%)	0 (0%)	Hispanic/Latino	1,736 (4.87%)	<5 (0.42%)
Non-Hispanic/ Latino	31 (0.09%)	<5 (0.41%)	Non-Hispanic/ Latino	498 (1.40%)	<5 (0.21%)
Not Specified	7 (0.02%)	0 (0%)	Not Specified	9,108 (25.55%)	<5 (0.42%)
American Indian/Alaskan Native	35 (0.10%)	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	8 (0.02%)	0 (0%)			
Non-Hispanic/Latino	22 (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 November 16, 2020

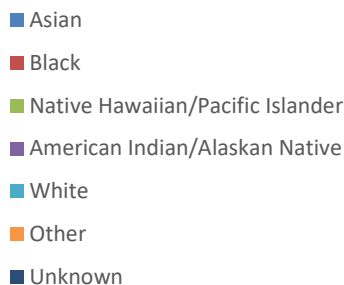


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

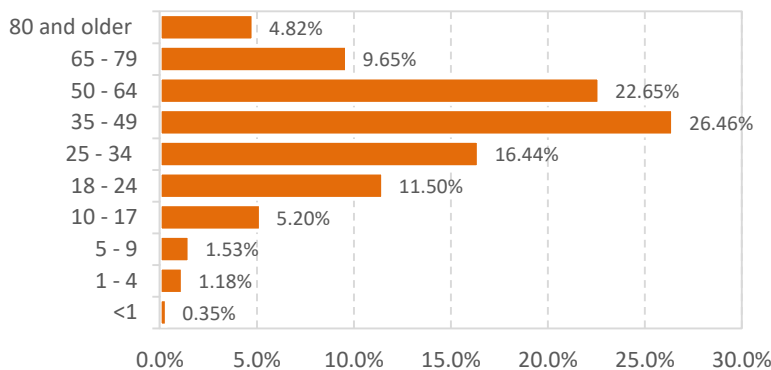
In Newton County there has been a 4.1% increase in newly confirmed COVID-19 Cases between the week of 11/2/20 – 11/9/20 (n=3,327) and 11/9/20 – 11/16/20 (n=3,462).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	320	14	334	51
Total	3,081	381	3,462	104
Illness Characteristics** N=3,462; n=104				
	Among all Cases		Among Deaths	
Gender				
Male	1,476 (43%)		48 (46%)	
Female	1,930 (56%)		56 (54%)	
Median Age (years)	43		79	
Age range (years)	0 – 100		21 - 98	
Total Hospitalizations	324 (9%)		56 (54%)	
Total with Underlying Conditions	787 (61%)**		51 (96%)**	
Underlying Conditions unknown	2,167		51	

Race Distribution of Cases in Newton County



Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N = 3,462; Total Deaths n=104					
	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	21 (0.61%)	0 (0%)	White	1,213 (35.04%)	66 (63.46%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	152 (4.39%)	<5 (0.96%)
Non-Hispanic/ Latino	17 (0.49%)	0 (0%)	Non-Hispanic/ Latino	952 (27.50%)	65 (62.50%)
Not Specified	<5 (0.12%)	0 (0%)	Not Specified	109 (3.15%)	0 (0%)
Black	1,436 (41.48%)	35 (33.66%)	Other	84 (2.43%)	0 (0%)
Hispanic/Latino	13 (0.38%)	0 (0%)	Hispanic/Latino	41 (1.18%)	0 (0%)
Non-Hispanic/ Latino	1,230 (35.53%)	35 (33.66%)	Non-Hispanic/ Latino	14 (0.40%)	0 (0%)
Not Specified	193 (5.57%)	0 (0%)	Not Specified	29 (0.84%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	703 (20.31%)	<5 (1.92%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	25 (0.72%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	59 (1.70%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	619 (17.88%)	<5 (1.92%)
American Indian/Alaskan Native	5 (0.14%)	<5 (0.96%)	*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 (0.96%)	† = Represents total confirmed and presumptive cases		
Not Specified	<5 (0.06%)	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



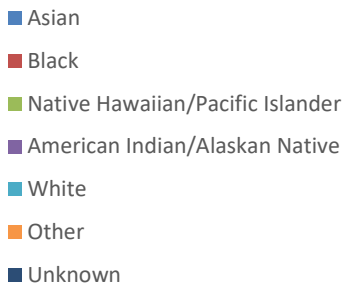
COVID-19 Snapshot, data as of 9am November 16, 2020

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.

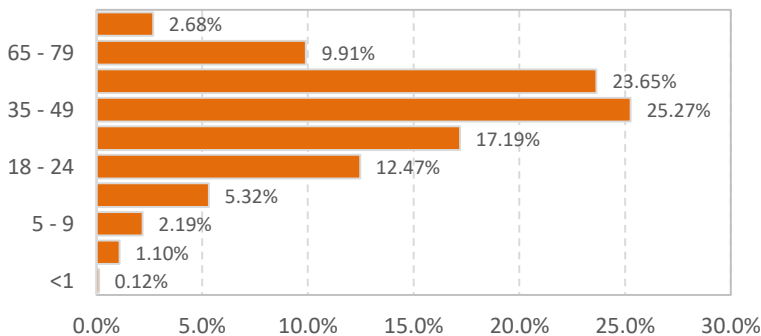
In Rockdale County there has been a 3.3% increase in newly confirmed COVID-19 Cases between the week of **11/2/2020 – 11/9/2020 (n=2,382)** and **11/9/2020 – 11/16/2020 (n=2,461)**.

COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths†
Outbreak	164	4	168 8
Total	2,313	148	2,461 47
Illness Characteristics*† N=2,461 n=47			
	Among all Cases	Among Deaths	
Gender			
Male	1,069 (43%)	23 (49%)	
Female	1,346 (55%)	24 (51%)	
Median Age (years)	42	67	
Age range (years)	0 – 100	27 – 100	
Total Hospitalizations	316 (13%)	35 (74%)	
Total with Underlying Conditions	674 (66%)**	36 (100%)**	
Underlying Conditions unknown	1,432	11	

Race Distribution of Cases in Rockdale County



Age Distribution of Cases for Rockdale County



Total Cases & Deaths by Race*† N = 2,461 Total Deaths n=47				
	Among all Cases	Among Deaths	Among all Cases	Among Deaths
Asian	30 (1.22%)	0 (0%)	White	603 (24.50%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	175 (7.11%)
Non-Hispanic/ Latino	23 (0.93%)	0 (0%)	Non-Hispanic/ Latino	348 (14.14%)
Not Specified	7 (0.28%)	0 (0%)	Not Specified	80 (3.25%)
Black	1,254 (50.95%)	27 (57.45%)	Other	103 (4.19%)
Hispanic/Latino	12 (0.49%)	0 (0%)	Hispanic/Latino	52 (2.11%)
Non-Hispanic/ Latino	1,036 (42.10%)	26 (54.32%)	Non-Hispanic/ Latino	23 (0.93%)
Not Specified	206 (8.37%)	<5 (2.13%)	Not Specified	28 (1.14%)
Native Hawaiian/Pacific Islander	<5 (0.08%)	0 (0%)	Unknown	466 (18.94%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	37 (1.50%)
Non-Hispanic/ Latino	<5 (0.08%)	0 (0%)	Non-Hispanic/ Latino	33 (1.34%)
Not Specified	0 (0%)	0 (0%)	Not Specified	396 (16.09%)
American Indian/Alaskan Native	<5 (0.12%)	<5 (2.13%)	*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 (0.12%)	<5 (2.13%)		
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.