

Gwinnett, Newton, & Rockdale County Health Departments

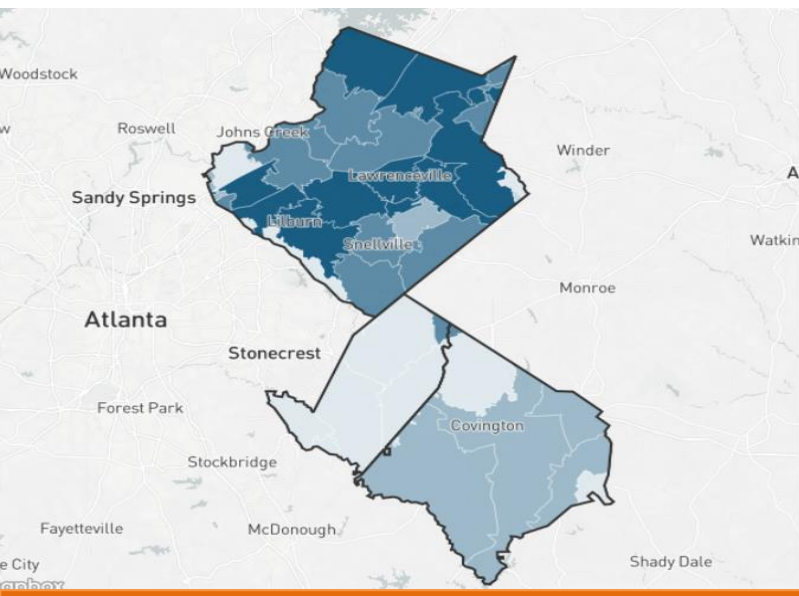


COVID-19 Snapshot, data as of 9am December 14, 2020

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.

For more information on the data used in this report, how each variable is defined, and the limitations of this data, please click on this [link](#).

For maps with zip code level case rates check out our COVID-19 Dashboard by clicking on the image below!



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Gwinnett	42,100	4,290	46,390	557
Newton	3,887	778	4,665	112
Rockdale	3,019	260	3,279	68
Total	49,006	5,328	54,334	737
Illness Characteristics*† N=54,334 n=737				
	Among all Cases		Among Deaths	
Gender				
Male	24,755 (46%)		372 (50%)	
Female	28,752 (53%)		365 (50%)	
Median Age (years)	38		74	
Age range (years)	0 – 103		15 - 102	
Total Hospitalizations	4,135 (8%)		536 (73%)	
Total with Underlying Conditions	9,781 (55%)**		516 (98%)**	
Underlying Conditions unknown	36,555		213	

Total Cases & Deaths by Race*† N = 54,334; Total Deaths n=737

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	2,610 (4.80%)	45 (6.11%)	White	18,700 (34.42%)	399 (54.14%)
Hispanic/Latino	22 (0.04%)	0 (0%)	Hispanic/Latino	6240 (11.48%)	71 (9.63%)
Non-Hispanic/ Latino	2,086 (3.84%)	45 (6.11%)	Non-Hispanic/ Latino	10,845 (19.96%)	326 (44.23%)
Not Specified	502 (0.952%)	0 (0%)	Not Specified	1,615 (2.97%)	<5 (0.27%)
Black	11,975 (22.04%)	216 (29.31%)	Other	4,276 (7.87%)	68 (9.23%)
Hispanic/Latino	239 (0.44%)	<5 (0.14%)	Hispanic/Latino	2,762 (5.08%)	63 (8.55%)
Non-Hispanic/ Latino	10,257 (18.88%)	214 (29.04%)	Non-Hispanic/ Latino	564 (1.04%)	<5 (0.54%)
Not Specified	1,479 (2.72%)	<5 (0.14%)	Not Specified	950 (1.75%)	<5 (0.14%)
Native Hawaiian/Pacific Islander	65 (0.12%)	<5 (0.27%)	Unknown	16,657 (30.66%)	<5 (0.68%)
Hispanic/Latino	14 (0.03%)	0 (0%)	Hispanic/Latino	2467 (4.54%)	<5 (0.14%)
Non-Hispanic/ Latino	40 (0.07%)	<5 (0.27%)	Non-Hispanic/ Latino	756 (1.39%)	<5 (0.27%)
Not Specified	11 (0.02%)	0 (0%)	Not Specified	13,434 (24.72%)	<5 (0.17%)
American Indian/Alaskan Native	51 (0.09%)	<5 (0.27%)	*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	30 (0.06%)	<5 (0.27%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	12 (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

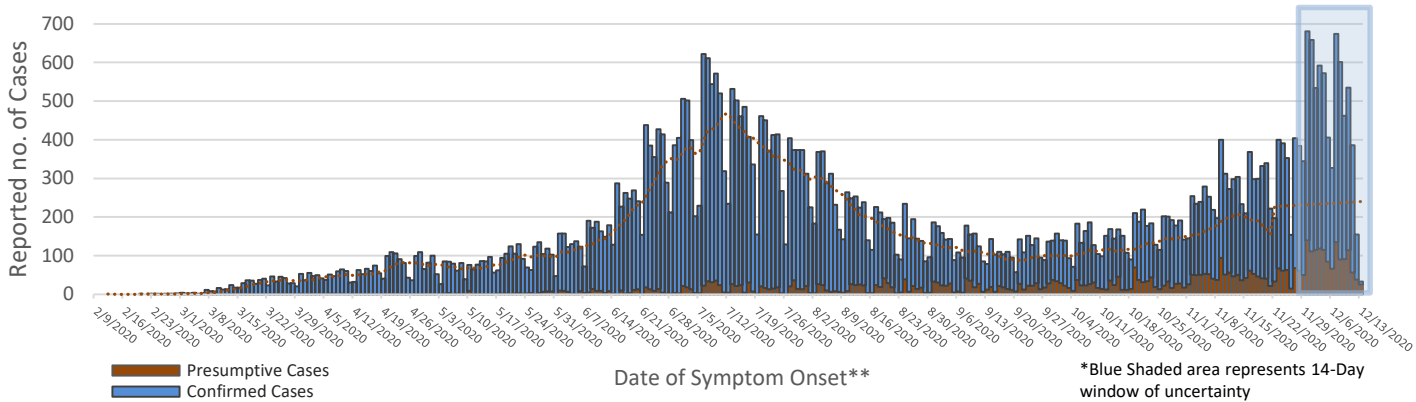


COVID-19 Snapshot, data as of 9am December 14, 2020

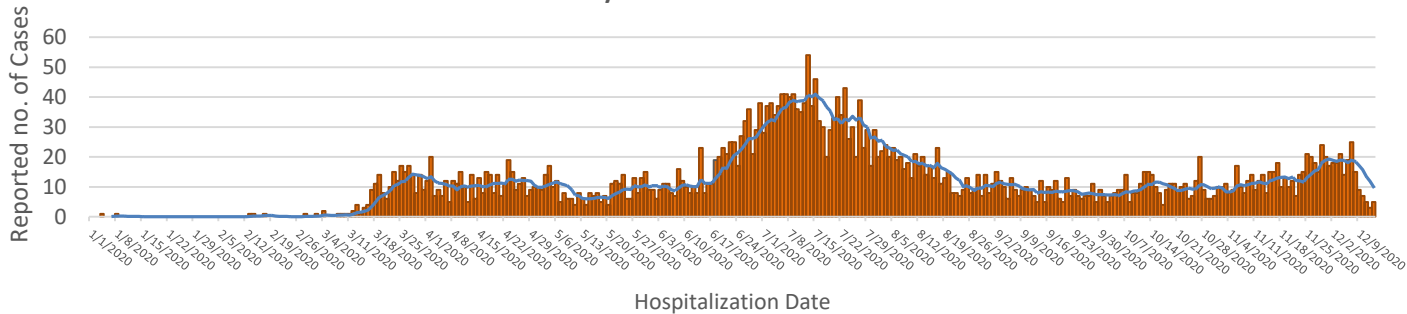
Gwinnett, Newton, and Rockdale County Health Department’s Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program’s activities and provides a portrayal of the current situation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

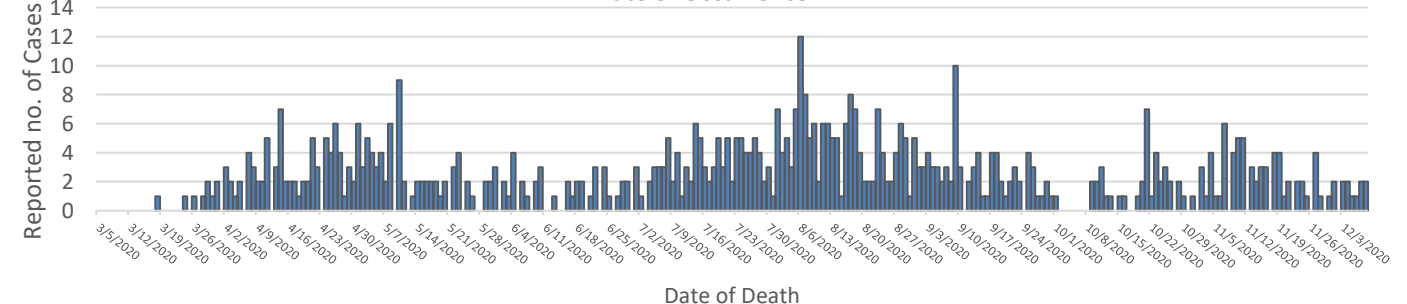
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/14/2020[†]



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 – 12/14/2020).

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	9,988 (9.8%)	40,805 (10.2%)	3,797 (9.9%)	3,126 (9.1%)	451,146 (9.5%)
Negative Tests	92,129 (90.1%)	359,622 (89.8%)	34,437 (90.1%)	31,292 (90.9%)	4,304,384 (90.5%)
Total Tests	102,314*	400,427	38,234	34,418	4,755,530

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 12/14/20.**Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 12/5/2020-12/11/2020

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	3,395 (15.5%)	322 (17.7%)	291 (16.3%)
Negative Tests	18,466 (84.5%)	1,502 (82.3%)	1,496 (83.7%)
Total Tests	21,861	1,824	1,787

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 12/14/20 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=7,242; Week 11/28/20 – 12/11/20†

County	Zip	# of Cases	Case Rate	% Change	County	Zip	# of cases	Case Rate	% Change	
Gwinnett	30011	49	317.60	48.48	Gwinnett	30518	377	655.04	21.61	
	30017	140	573.39	20.69		30519	366	788.54	33.58	
	30019	406	824.16	30.13		30548	33	177.13	73.68	
	30024	302	390.51	10.22		30620	22	161.24	69.23	
	30039	241	522.48	12.62		30014	236	613.86	30.39	
	30043	564	622.00	23.68		30016	336	619.45	35.48	
	30044	715	812.13	49.58		30025	22	236.36	83.33	
	30045	301	749.15	17.12		30054	78	655.24	85.71	
	30046	239	642.16	19.50		30055	7	211.74	-12.50	
	30047	400	611.43	30.29		30056	<5	180.42	0.00	
	30052	224	339.60	15.46	30012	136	492.66	56.32		
	30071	147	582.92	234.09	30013	120	455.10	13.21		
	30078	254	709.02	370.37	30058	0	0.00	-100.00		
	30084	79	205.28	-53.53	30094	157	449.50	42.73		
	30087	65	162.49	-68.60	30252	0	0.00	-		
	30092	205	578.79	86.36	30281	16	23.69	166.67		
	30093	289	524.43	-20.60	30294	0	0.00	-		
	30096	478	703.37	31.32	Overall 14-day Case Rates per 100,000					
	30097	171	364.57	8.23	Georgia	-	-	68,045	647.00	20.90
	30340	16	57.09	14.29	Gwinnett	-	-	6,345	684.00	31.03
30360	14	87.90	133.33	Newton	-	-	717	655.00	36.17	
30517	12	81.87	-7.69	Rockdale	-	-	441	487.00	34.90	

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.

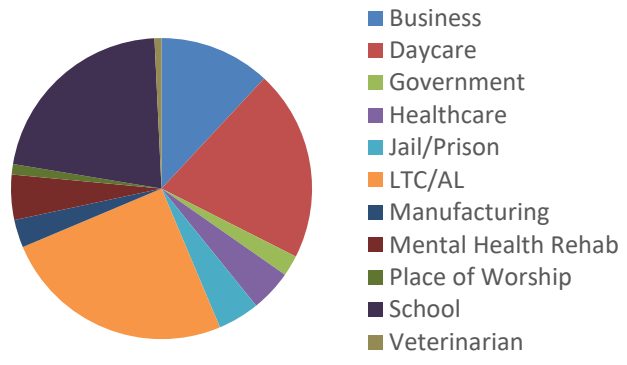
Epidemiology Overview for Outbreaks



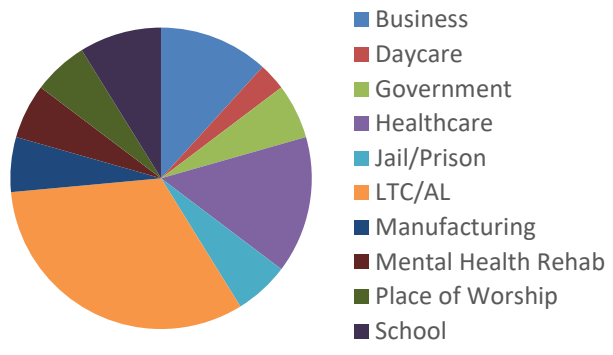
COVID-19 Snapshot, data as 2pm December 14, 2020

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.

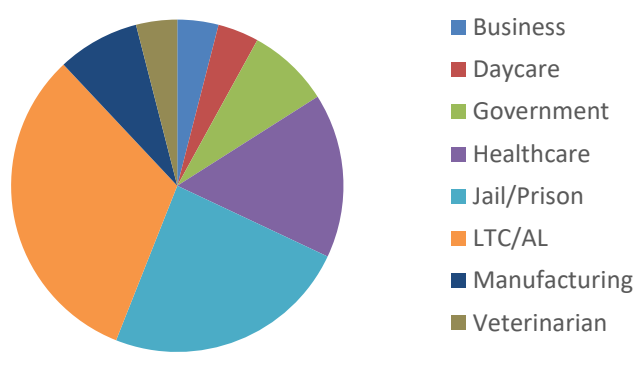
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

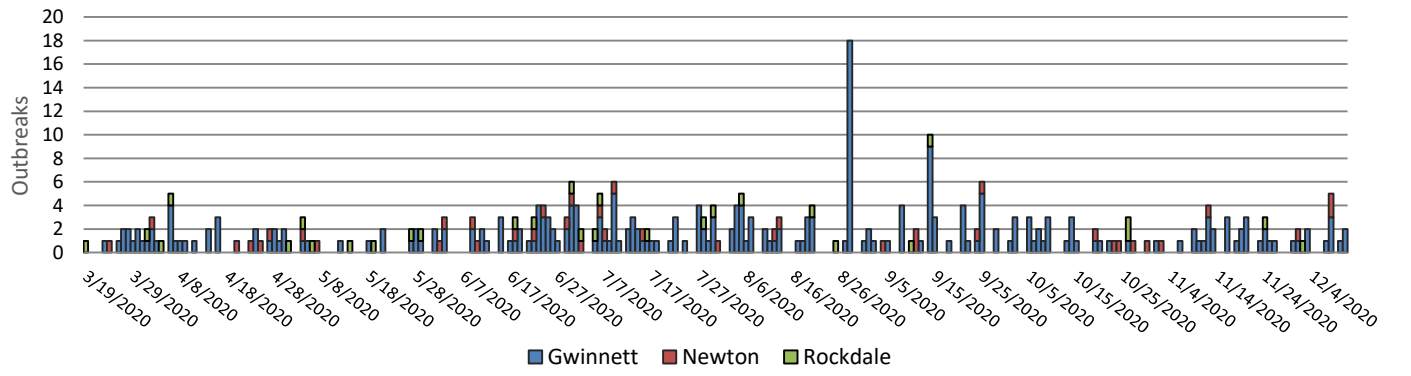


Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=327			
Facility Type	Gwinnett n=268	Newton n=34	Rockdale n=25
Business	11.94%	11.76%	4.00%
Daycare	20.52%	2.94%	4.00%
Government	2.24%	5.88%	8.00%
Healthcare	4.48%	14.71%	16.00%
Jail/Prison	4.48%	5.88%	24.00%
LTC/AL	25.00%	32.35%	32.00%
Manufacturing	2.99%	5.88%	8.00%
Mental Health Rehab	4.85%	5.88%	0%
Place of Worship	1.12%	5.88%	0%
Schools	21.64%	8.82%	0%
Veterinarian	0.75%	0%	4.00%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 12/14/2020



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



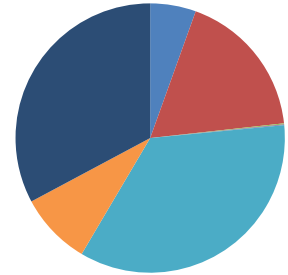
COVID-19 Snapshot, data as of 9am December 14, 2020

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.

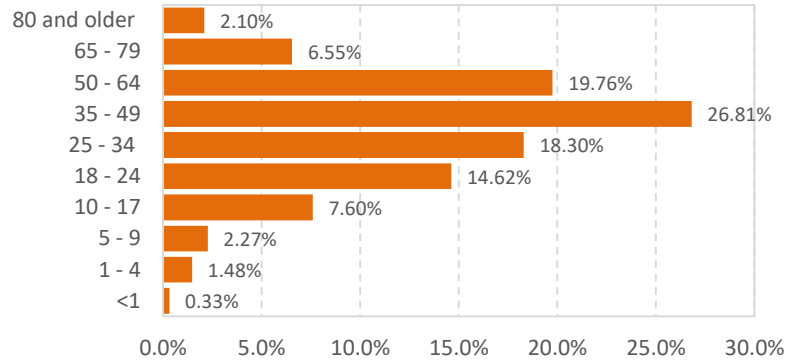
In Gwinnett County there has been a 9.3% increase in newly confirmed COVID-19 Cases between the week of **11/30/20 – 12/7/2020 (n=42,444)** and **12/7/20 – 12/14/2020 (n=46,390)**.

Race Distribution of Cases in Gwinnett County

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



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths‡
Outbreak	1,664	146	1,810	178
Total	42,100	4,290	46,390	557
Illness Characteristics*† N=46,390; n=557				
	Among all Cases	Among Deaths		
Gender				
Male	21,344 (46%)	289 (52%)		
Female	24,319 (52%)	268 (48%)		
Median Age (years)	38	73		
Age range (years)	0 – 103	15 - 102		
Total Hospitalizations	3,344 (7%)	427 (77%)		
Total with Underlying Conditions	8,012 (54%)**	411 (99%)**		
Underlying Conditions unknown	31,451	140		

Total Cases & Deaths by Race*† N = 42,444; Total Deaths n=537

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	2,546 (5.49%)	45 (8.08%)	White	16,248 (35.02%)	299 (53.68%)
Hispanic/Latino	21 (0.05%)	0 (0%)	Hispanic/Latino	5,858 (12.63%)	67 (12.03%)
Non-Hispanic/ Latino	2,036 (4.39%)	45 (8.08%)	Non-Hispanic/ Latino	9,019 (19.44%)	230 (41.29%)
Not Specified	489 (1.05%)	0 (0%)	Not Specified	1,371 (2.96%)	<5 (0.36%)
Black	8,240 (17.76%)	141 (25.31%)	Other	4,034 (8.70%)	66 (11.85%)
Hispanic/Latino	202 (0.44%)	<5 (0.18%)	Hispanic/Latino	2,649 (5.71%)	61 (10.95%)
Non-Hispanic/ Latino	7,055 (15.21%)	140 (25.13%)	Non-Hispanic/ Latino	516 (1.11%)	<5 (0.72%)
Not Specified	983 (2.12%)	0 (0%)	Not Specified	869 (1.87%)	<5 (0.18%)
Native Hawaiian/Pacific Islander	62 (0.13%)	<5 (0.36%)	Unknown	15,218 (32.80%)	<5 (0.72%)
Hispanic/Latino	14 (0.03%)	0 (0%)	Hispanic/Latino	2,357 (5.08%)	<5 (0.18%)
Non-Hispanic/ Latino	37 (0.08%)	<5 (0.36%)	Non-Hispanic/ Latino	622 (1.34%)	<5 (0.36%)
Not Specified	11 (0.02%)	0 (0%)	Not Specified	12,239 (26.38%)	<5 (0.18%)
American Indian/Alaskan Native	42 (0.09%)	0 (0%)			
Hispanic/Latino	8 (0.02%)	0 (0%)			
Non-Hispanic/Latino	24 (0.05%)	0 (0%)			
Not Specified	10 (0.02%)	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 Newton County

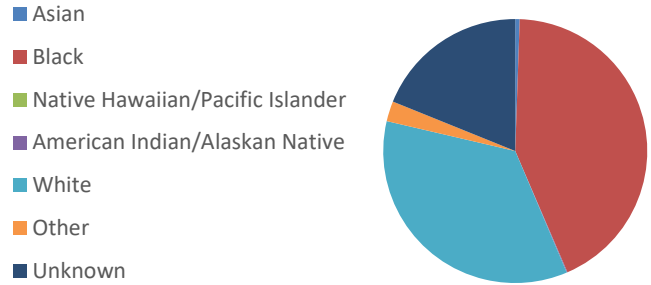


COVID-19 Snapshot, data as of 9am December 14, 2020

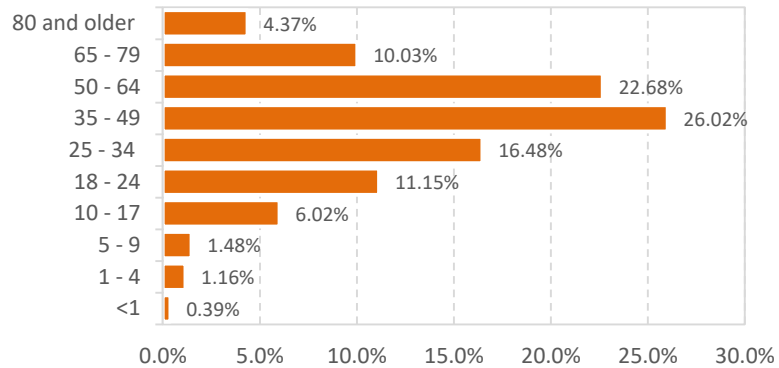
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

In Newton County there has been a 10.9% increase in newly confirmed COVID-19 Cases between the week of 11/30/20 – 12/7/20 (n=4,206) and 12/7/20 – 12/14/20 (n=4,665).

Race Distribution of Cases in Newton County



Age Distribution of Cases for Newton County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	339	45	384	55
Total	3,887	778	4,665	112
Illness Characteristics*† N=4,665; n=112				
	Among all Cases	Among Deaths		
Gender				
Male	1,973 (42%)	51 (46%)		
Female	2,639 (57%)	61 (55%)		
Median Age (years)	43	79		
Age range (years)	0 - 100	21 - 98		
Total Hospitalizations	378 (8%)	62 (55%)		
Total with Underlying Conditions	949 (60%)**	58 (97%)**		
Underlying Conditions unknown	3,079	52		

Total Cases & Deaths by Race*† N = 4,665; Total Deaths n=112

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	25 (0.54%)	0 (0%)	White	1,634 (35.03%)	73 (65.18%)
Hispanic/Latino	<5 (0.02%)	0 (0%)	Hispanic/Latino	173 (3.71%)	<5 (0.89%)
Non-Hispanic/ Latino	20 (0.43%)	0 (0%)	Non-Hispanic/ Latino	1,314 (28.17%)	72 (64.29%)
Not Specified	<5 (0.09%)	0 (0%)	Not Specified	147 (3.15%)	0 (0%)
Black	2,006 (43.00%)	38 (33.93%)	Other	115 (2.47%)	0 (0%)
Hispanic/Latino	19 (0.41%)	0 (0%)	Hispanic/Latino	54 (1.16%)	0 (0%)
Non-Hispanic/ Latino	1,725 (36.98%)	38 (33.93%)	Non-Hispanic/ Latino	16 (0.34%)	0 (0%)
Not Specified	262 (5.62%)	0 (0%)	Not Specified	45 (0.96%)	0 (0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	Unknown	881 (18.89%)	0 (0%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	43 (0.92%)	0 (0%)
Non-Hispanic/ Latino	0 (0%)	0 (0%)	Non-Hispanic/ Latino	85 (1.82%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	753 (16.14%)	0 (0%)
American Indian/Alaskan Native	<5 (0.09%)	<5 (0.89%)	*Data Source: GA DPH, State Electronic Disease Surveillance System		
Hispanic/Latino	0 (0%)	0 (0%)	**Among patients with underlying conditions information available		
Non-Hispanic/Latino	<5 (0.04%)	<5 (0.89%)	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.		
Not Specified	<5 (0.04%)	0 (0%)	† = 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

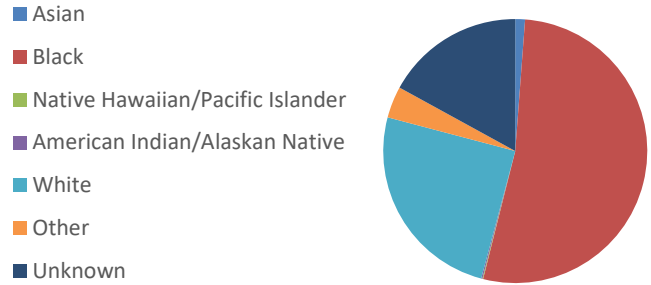


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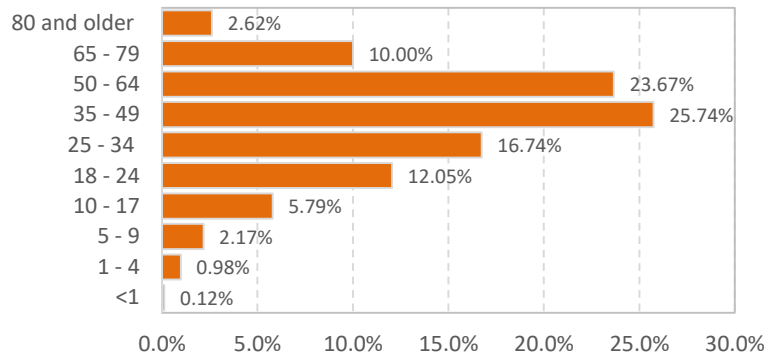
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 25.2% increase in newly confirmed COVID-19 Cases between the week of **11/30/2020 – 12/7/2020 (n=2,979)** and **12/7/2020 – 12/14/2020 (n=3,729)**

Race Distribution of Cases in Rockdale County



Age Distribution of Cases for Rockdale County



COVID-19 Cases & Deaths*

	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	193	12	205	17
Total	3,019	260	3,729	68

Illness Characteristics*† N=3,729 n=68

	Among all Cases	Among Deaths
Gender		
Male	1,438 (44%)	32 (47%)
Female	1,794 (55%)	36 (53%)
Median Age (years)	43	71
Age range (years)	0 – 100	27 – 100
Total Hospitalizations	413 (13%)	47 (69%)
Total with Underlying Conditions	820 (65%)**	47 (100%)**
Underlying Conditions unknown	2,025	18

Total Cases & Deaths by Race*† N = 3,729 Total Deaths n=68

	Among all Cases	Among Deaths		Among all Cases	Among Deaths
Asian	39 (1.19%)	0 (0%)	White	818 (24.95%)	27 (39.71%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	209 (6.37%)	<5 (4.41%)
Non-Hispanic/ Latino	30 (0.91%)	0 (0%)	Non-Hispanic/ Latino	512 (15.61%)	24 (35.29%)
Not Specified	9 (0.27%)	0 (0%)	Not Specified	97 (2.96%)	0 (0%)
Black	1,729 (52.73%)	37 (54.41%)	Other	127 (3.87%)	<5 (2.94%)
Hispanic/Latino	18 (0.55%)	0 (0%)	Hispanic/Latino	59 (1.80%)	<5 (2.94%)
Non-Hispanic/ Latino	1,477 (45.04%)	36 (52.94%)	Non-Hispanic/ Latino	32 (0.98%)	0 (0%)
Not Specified	234 (7.14%)	<5 (1.47%)	Not Specified	36 (1.10%)	0 (0%)
Native Hawaiian/Pacific Islander	<5 (0.09%)	0 (0%)	Unknown	558 (17.02%)	<5 (1.47%)
Hispanic/Latino	0 (0%)	0 (0%)	Hispanic/Latino	67 (2.04%)	0 (0%)
Non-Hispanic/ Latino	<5 (0.09%)	0 (0%)	Non-Hispanic/ Latino	49 (1.49%)	0 (0%)
Not Specified	0 (0%)	0 (0%)	Not Specified	442 (13.48%)	<5 (1.47%)
American Indian/Alaskan Native	5 (0.15%)	<5 (1.47%)			
Hispanic/Latino	<5 (0.03%)	0 (0%)			
Non-Hispanic/Latino	<5 (0.12%)	<5 (1.47%)			
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).
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