

Gwinnett, Newton, & Rockdale County Health Departments

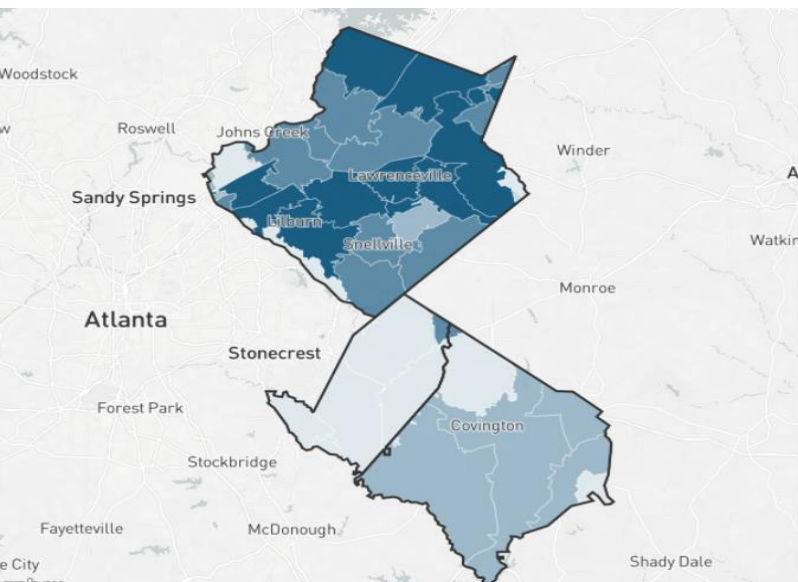


COVID-19 Snapshot, data as of 9am December 28, 2020

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	48,757	5,468	54,225	585
Newton	4,431	1,094	5,525	125
Rockdale	3,446	353	3,799	79
Total	56,634	6,915	63,549	789

Illness Characteristics*† N=63,549 n=789			
		Among all Cases	Among Deaths
Gender			
	Male	28,888 (45%)	403 (51%)
	Female	33,742 (53%)	386 (49%)
Median Age (years)		39	74
Age range (years)		0 – 103	15 - 102
Total Hospitalizations		4,530 (7%)	584 (74%)
Total with Underlying Conditions		10,408 (50%)**	545 (97%)**
Underlying Conditions unknown		42,827	226

Total Cases & Deaths by Race*† N = 63,549; Total Deaths n=789

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	3065	4.82%	49	6.21%	White	21,389	33.66%	423	53.61%
Hispanic/Latino	27	0.04%	0	0%	Hispanic/Latino	6,630	10.43%	72	9.13%
Non-Hispanic/ Latino	2458	0.06%	49	6.21%	Non-Hispanic/ Latino	12,894	20.29%	349	44.23%
Not Specified	580	0.91%	0	0%	Not Specified	1,865	2.93%	<5	0.25%
Black	13731	21.61%	234	29.66%	Other	5,089	8.01%	71	9.00%
Hispanic/Latino	262	0.41%	<5	0.13%	Hispanic/Latino	3,053	4.80%	67	8.49%
Non-Hispanic/ Latino	11816	18.59%	232	29.40%	Non-Hispanic/ Latino	622	0.98%	<5	0.38%
Not Specified	1653	0.91%	<5	0.13%	Not Specified	1,414	2.23%	<5	0.13%
Native Hawaiian/Pacific Islander	80	0.13%	<5	0.25%	Unknown	20,126	31.67%	8	1.01%
Hispanic/Latino	15	0.02%	0	0%	Hispanic/Latino	2,848	4.48%	<5	0.13%
Non-Hispanic/ Latino	52	0.08%	<5	0.25%	Non-Hispanic/ Latino	952	1.50%	<5	0.51%
Not Specified	13	0.02%	0	0%	Not Specified	16,326	25.69%	<5	0.38%
American Indian/Alaskan Native	69	0.11%	<5	0.25%	*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	12	0.02%	0	0%					
Non-Hispanic/ Latino	41	0.06%	<5	0.25%					
Not Specified	16	0.03%	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

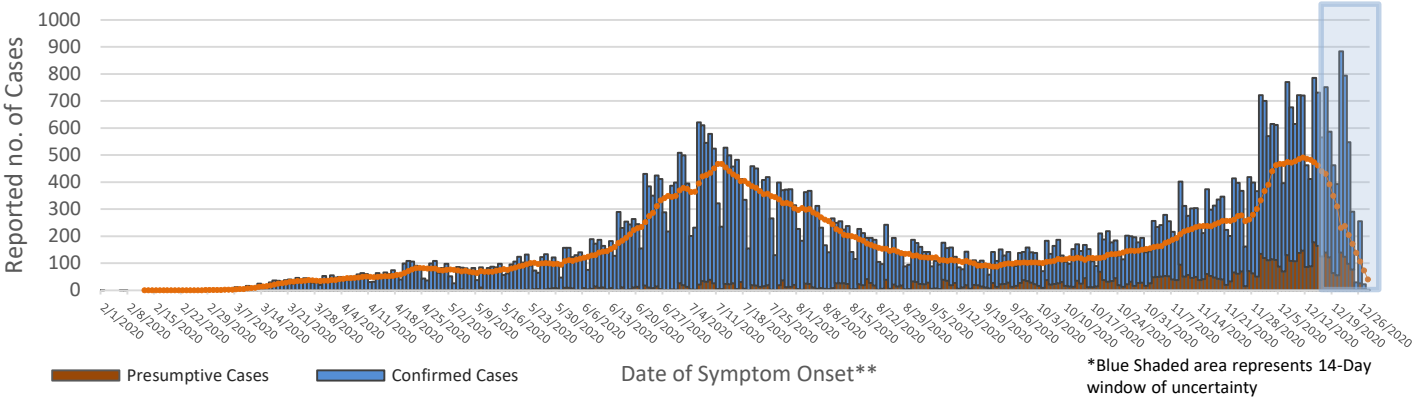


COVID-19 Snapshot, data as of 9am December 28, 2020

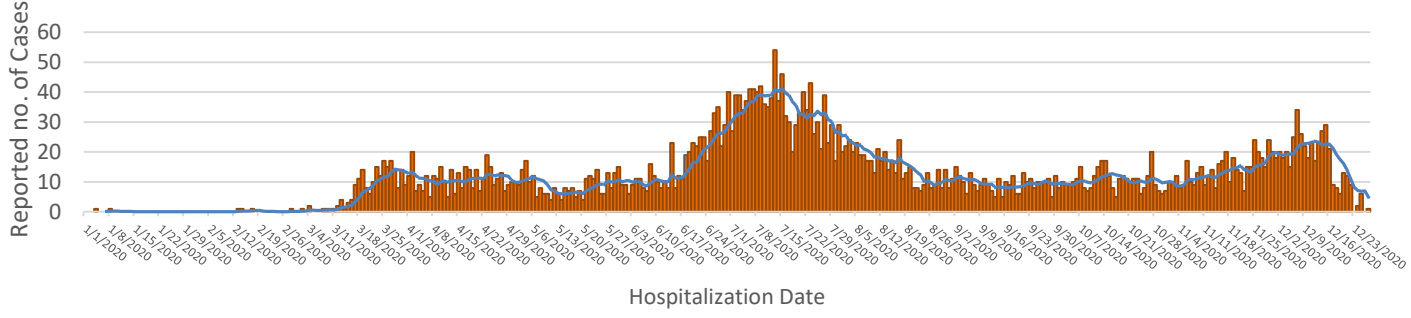
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

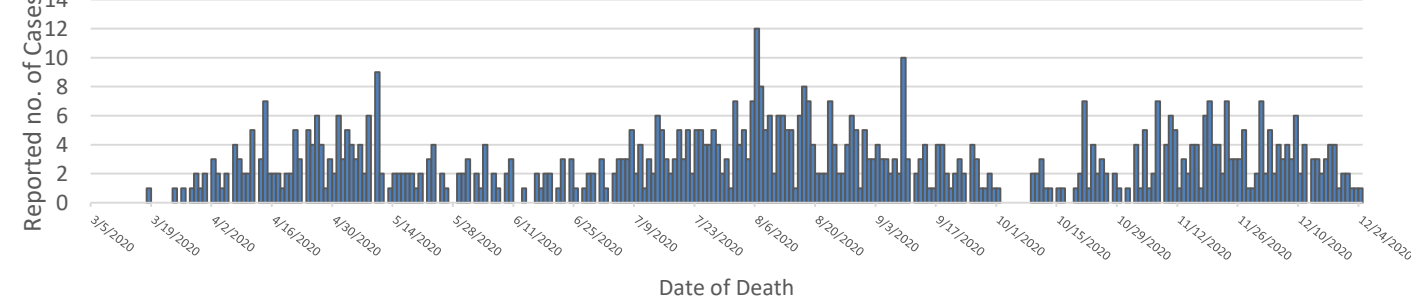
Reported COVID-19 Cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/28/2020[†]



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 – 12/28/2020).

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	10,874 (10.0%)	48,830 (11.0%)	4,459 (10.6%)	3,638 (9.5%)	520,787 (9.9%)
Negative Tests	97,771 (89.8%)	396,026 (89.0%)	37,405 (89.4%)	34,305 (90.4%)	4,514,934 (90.3%)
Total Tests	109,253*	444,856	41,858	37,943	5,248,593

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 12/28/20.*Total includes pending and indeterminate test results.

7-day Positivity Data by County for Gwinnett, Newton, and Rockdale Counties, Week 12/19/2020-12/25/2020

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.

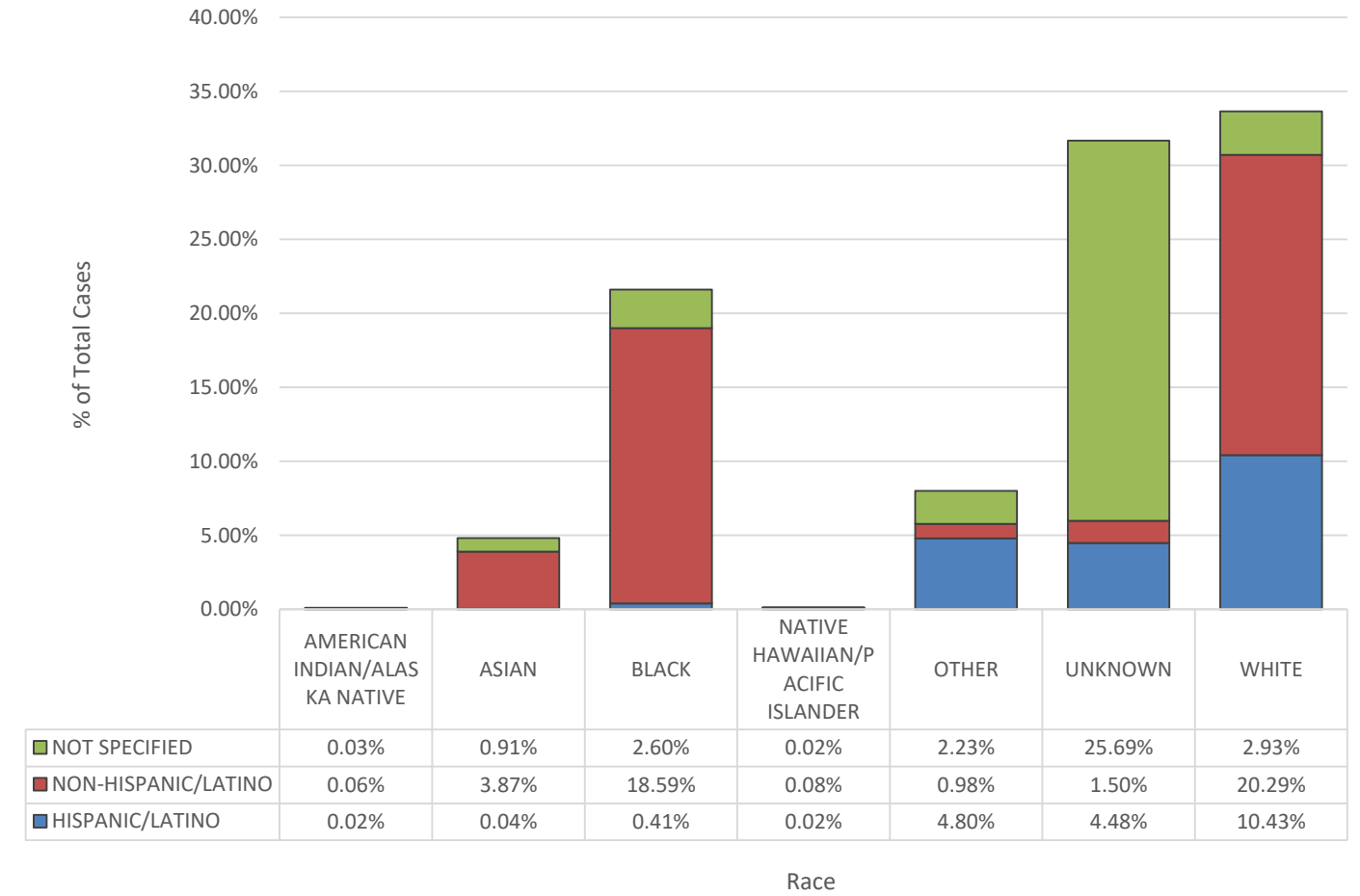
Seven Day Positivity Data			
	Gwinnett	Newton	Rockdale
Positive Tests	3,709 (19.1%)	282 (20.7%)	249 (17.9%)
Negative Tests	15,750 (80.9%)	1,082 (79.3%)	1,141 (82.1%)
Total Tests	19,459	1,364	1,390

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 12/28/20 5pm.

14-day Case Rates by Zip Code

In order to remain consistent with the Georgia Department of Public Health, 14-day case rates by zip code will no longer be displayed on the weekly snapshot. Moving forward, this information will be found on GNR’s COVID-19 Dashboard which, can be found at this [link](#).

Total COVID-19 Cases by Race & Ethnicity for Gwinnett, Newton, and Rockdale Counties[†]



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

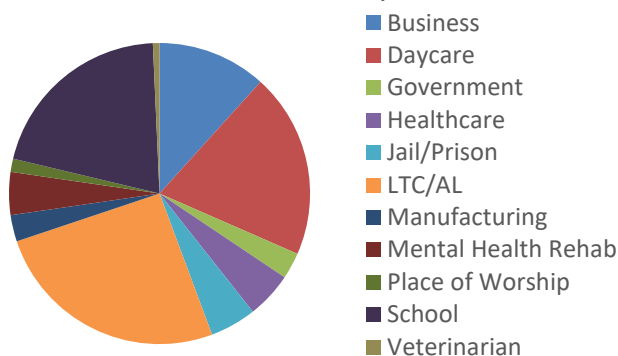
Epidemiology Overview for Outbreaks



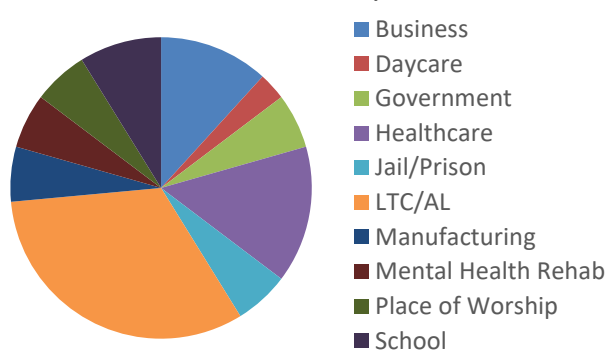
COVID-19 Snapshot, data as 2pm December 28, 2020

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.

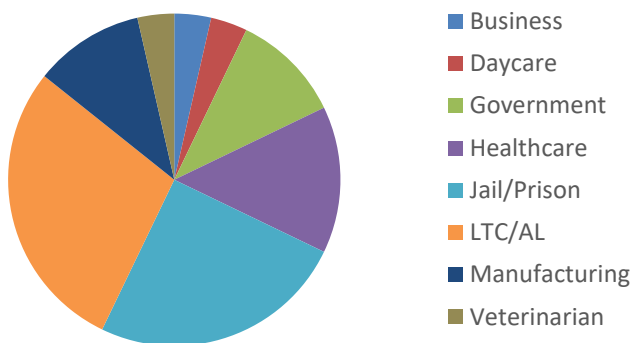
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County



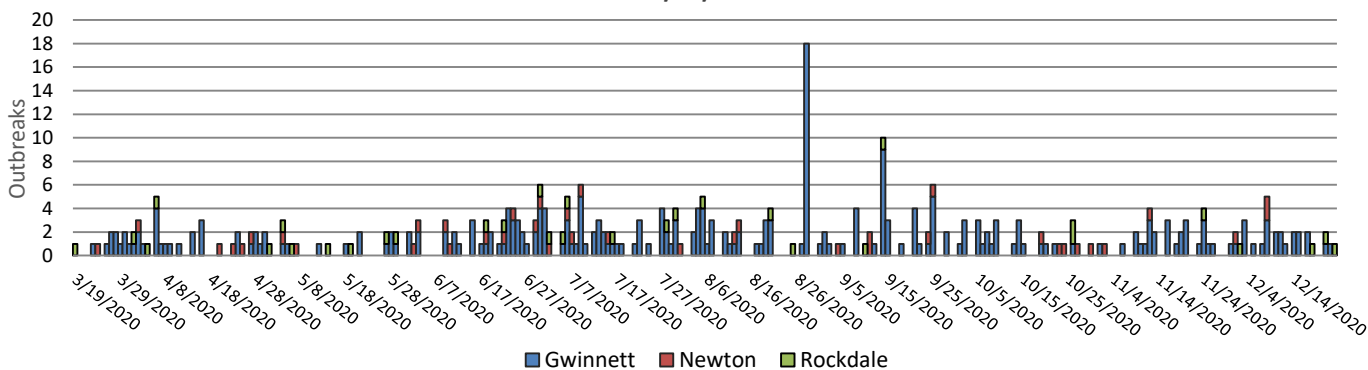
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by Facility Type N=344

Facility Type	Gwinnett n=282	Newton n=34	Rockdale n=28
Business	11.70%	11.76%	3.57%
Daycare	19.86%	2.94%	3.57%
Government	2.84%	5.88%	10.71%
Healthcare	4.96%	14.71%	14.29%
Jail/Prison	4.96%	5.88%	25.00%
LTC/AL	25.53%	32.35%	28.57%
Manufacturing	2.84%	5.88%	10.71%
Mental Health Rehab	4.61%	5.88%	0%
Place of Worship	1.42%	5.88%	0%
Schools	20.57%	8.82%	0%
Veterinarian	0.71%	0%	3.57%

Number of Outbreaks Per County Over Time, Gwinnett, Newton and Rockdale Counties, as of 12/28/2020



Epidemiology Overview for Gwinnett County

COVID-19 Snapshot, data as of 9am December 28, 2020

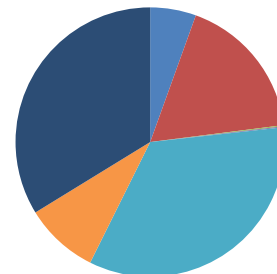
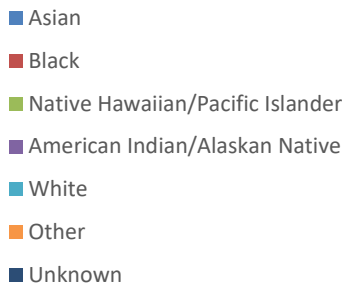


Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936, 250 and makes up 82.2% of residents within the district.

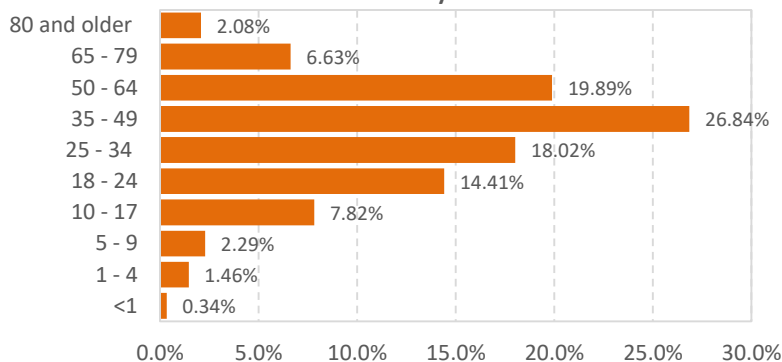
In Gwinnett County there has been a 8.0% increase in newly confirmed COVID-19 Cases between the week of **12/14/20 – 12/21/2020 (n=50,205)** and **12/21/20 – 12/28/2020 (n=54,225)**.

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	1,804	175	1,979	179
Total	18,757	5,468	54,225	585
Illness Characteristics*† N=54,225; n=585				
	Among all Cases		Among Deaths	
Gender				
Male	24,890 (46%)		305 (52%)	
Female	28,533 (53%)		280 (48%)	
Median Age (years)	38		73	
Age range (years)	0 – 104		15 - 102	
Total Hospitalizations	3,668 (7%)		458 (78%)	
Total with Underlying Conditions	8,427 (48%)**		427 (97%)**	
Underlying Conditions unknown	36,764		144	

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N = 63,549; Total Deaths n=789

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	2,989	5.51%	48	8.21%	White	18,494	34.11%	314	53.68%
Hispanic/Latino	26	0.05%	0	0%	Hispanic/Latino	6,231	11.49%	69	11.79%
Non-Hispanic/ Latino	2,398	4.42%	48	8.21%	Non-Hispanic/ Latino	10,685	19.70%	243	41.54%
Not Specified	565	1.04%	0	0%	Not Specified	1,578	2.91%	<5	0.34%
Black	9,480	17.48%	147	25.13%	Other	4,820	8.89%	69	11.79%
Hispanic/Latino	219	0.40%	<5	0.17%	Hispanic/Latino	2,933	5.41%	65	11.11%
Non-Hispanic/ Latino	8,145	15.02%	146	29.96%	Non-Hispanic/ Latino	565	1.04%	<5	0.51%
Not Specified	1,116	2.06%	0	0.13%	Not Specified	1,322	2.44%	<5	0.17%
Native Hawaiian/Pacific Islander	76	0.14%	<5	0.34%	Unknown	18,308	33.76%	8	0.85%
Hispanic/Latino	15	0.03%	0	0%	Hispanic/Latino	2,714	5.01%	<5	0.17%
Non-Hispanic/ Latino	48	0.09%	<5	0.34%	Non-Hispanic/ Latino	782	1.44%	<5	0.34%
Not Specified	13	0.02%	0	0%	Not Specified	14,812	27.32%	<5	0.34%
American Indian/Alaskan Native	58	0.11%	<5	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	10	0.02%	0	0%					
Non-Hispanic/ Latino	34	0.06%	<5	0%					
Not Specified	14	0.03%	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 December 28, 2020

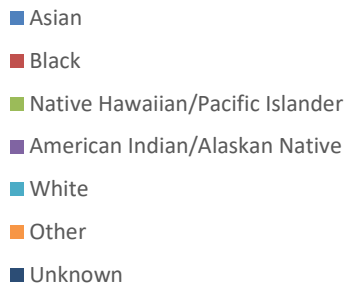


Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111, 744 and makes up 9.8% of residents within the district.

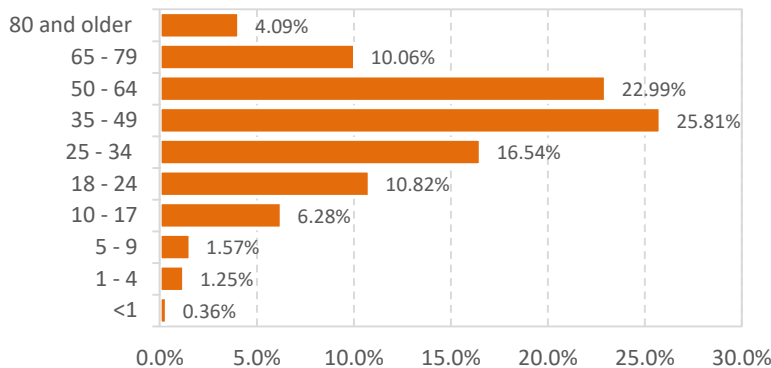
In Newton County there has been a 7.5% increase in newly confirmed COVID-19 Cases between the week of 12/14/20 – 12/21/20 (n=5,141) and 12/21/20 – 12/28/20 (n=5,525).

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	347	50	397	59
Total	4,431	1,094	5,525	125
Illness Characteristics*† N=5,525; n=125				
	Among all Cases		Among Deaths	
Gender				
	Male	2,349 (43%)		60 (48%)
	Female	3,112 (56%)		65 (52%)
Median Age (years)		43		79
Age range (years)		0 – 100		21 - 98
Total Hospitalizations		401 (7%)		70 (56%)
Total with Underlying Conditions		1,004 (55%)**		63 (95%)**
Underlying Conditions unknown		3,694		59

Race Distribution of Cases in Newton County



Age Distribution of Cases for Newton County



Total Cases & Deaths by Race*† N =5,525; Total Deaths n=125

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	27	0.49%	0	0%	White	1,966	35.58%	80	64.00%
Hispanic/Latino	1	0.02%	0	0%	Hispanic/Latino	179	3.24%	<5	0.80%
Non-Hispanic/ Latino	20	0.36%	0	0%	Non-Hispanic/ Latino	1,608	29.10%	79	63.20%
Not Specified	6	0.11%	0	0%	Not Specified	179	3.24%	0	0%
Black	2277	41.21%	44	35.20%	Other	129	2.33%	0	0%
Hispanic/Latino	23	0.42%	0	0%	Hispanic/Latino	56	1.01%	0	0%
Non-Hispanic/ Latino	1971	35.67%	44	35.20%	Non-Hispanic/ Latino	22	0.40%	0	0%
Not Specified	283	5.12%	0	0%	Not Specified	51	0.92%	0	0%
Native Hawaiian/Pacific Islander	<5	0.02%	0	0%	Unknown	1,121	20.29%	0	0%
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	56	1.01%	0	0%
Non-Hispanic/ Latino	<5	0.02%	0	0%	Non-Hispanic/ Latino	106	1.92%	0	0%
Not Specified	0	0%	0	0%	Not Specified	959	17.36%	0	0%
American Indian/Alaskan Native	<5	0.07%	<5	0.80%	*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	0.04%	<5	0.80%					
Not Specified	0	0.04%	0	0%					

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 December 28, 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 6.5% increase in newly confirmed COVID-19 Cases between the week of **12/14/2020 – 12/21/2020 (n=3,549)** and **12/21/2020 – 12/28/2020 (n=3,779)**

COVID-19 Cases & Deaths*

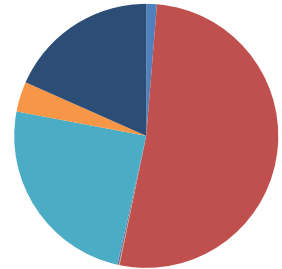
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths†
Outbreak	200	14	214	21
Total	3,446	353	3,779	79

Illness Characteristics*† N=3,547 n=74

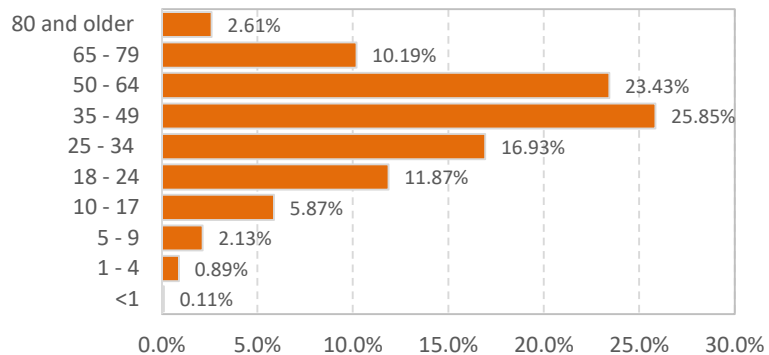
	Among all Cases	Among Deaths
Gender		
Male	1,649 (43%)	38 (48%)
Female	2,097 (55%)	41 (52%)
Median Age (years)	43	71
Age range (years)	0 – 100	27 – 100
Total Hospitalizations	461 (12%)	56 (71%)
Total with Underlying Conditions	883 (62%)**	55 (98%)**
Underlying Conditions unknown	2,369	23

Race Distribution of Cases in Rockdale County

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



Age Distribution of Cases for Rockdale County



Total Cases & Deaths by Race*† N =3,547; Total Deaths n=79

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	49	1.29%	<5	1.27%	White	929	24.45%	29	36.71%
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	220	5.79%	<5	2.53%
Non-Hispanic/ Latino	40	1.05%	<5	1.27%	Non-Hispanic/ Latino	601	15.82%	27	34.18%
Not Specified	9	0.24%	0	0%	Not Specified	108	2.84%	0	0%
Black	1,974	51.96%	43	54.43%	Other	140	3.69%	<5	2.53%
Hispanic/Latino	20	0.53%	0	0%	Hispanic/Latino	64	1.68%	<5	2.53%
Non-Hispanic/ Latino	1,700	44.75%	42	53.16%	Non-Hispanic/ Latino	35	0.92%	0	0%
Not Specified	254	6.69%	<5	1.27%	Not Specified	41	1.08%	0	0%
Native Hawaiian/Pacific Islander	<5	0.08%	0	0%	Unknown	697	18.35%	<5	3.80%
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	78	2.05%	0	0%
Non-Hispanic/ Latino	<5	0.08%	0	0%	Non-Hispanic/ Latino	64	1.68%	<5	2.53%
Not Specified	0	0%	0	0%	Not Specified	555	14.61%	<5	1.27%
American Indian/Alaskan Native	7	0.18%	<5	1.27%	*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	<5	0.05%	0	0%					
Non-Hispanic/ Latino	5	0.13%	<6	1.27%					
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.