

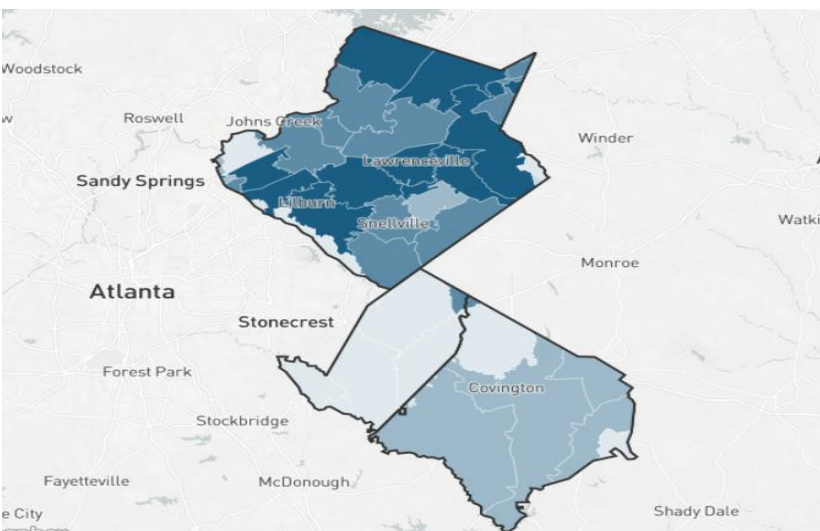
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm December 30, 2021

The COVID-19 pandemic is an emerging and dynamic situation; therefore, our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses, test positivity rates, vaccinations, and outbreaks, 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	Probable Cases	Total Cases†	Total Deaths† (%)	
A	Gwinnett	124,258	24,871	149,129	1,571 (1.1%)
	Newton	13,116	5,649	18,765	373 (2.0%)
n	Rockdale	10,803	2,802	13,605	264 (1.9%)
	Total	148,177	33,322	181,499	2,208 (1.2%)
Illness Characteristics*† N=181,499 n=2,208					
		Among all Cases		Among Deaths	
Gender					
	Female	98,030 (54.0%)		1,038 (47.0%)	
	Male	82,637 (45.5%)		1,170 (53.0%)	
Median Age (years)		36		72	
Age range (years)		0 – 107		0 – 102	
Total Hospitalizations		9,999 (5.5%)		1,672 (75.7%)	
Total with Underlying Conditions		22,950 (49.0%)**		1,186 (95.7%)**	
Underlying Conditions unknown		134,687		969	

	Georgia	Gwinnett	Newton	Rockdale
Total Tests†	18,314,135	1,573,356	184,709	144,600
Total Positive†	1,796,230 (9.8%)	163,375 (10.4%)	20,463 (11.1%)	15,387 (10.6%)
Seven Day***	73,343 (26.9%)	6,580 (26.5%)	1,059 (33.4%)	1,232 (36.3%)

Total Cases & Deaths by Race*† N = 181,499; Total Deaths n=2,208

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	295	0.16%	<5	0.09%	Other	21,115	11.63%	155	7.02%
Hispanic/Latino	103	0.06%	0	0%	Hispanic/Latino	8,616	4.75%	139	6.30%
Non-Hispanic/ Latino	134	0.07%	2	0.09%	Non-Hispanic/ Latino	2,737	1.51%	15	0.68%
Not Specified	58	0.03%	0	0%	Not Specified	9,762	5.38%	<5	0.05%
Asian	9,971	5.49%	152	6.88%	Unknown	38,284	21.09%	13	0.59%
Hispanic/Latino	133	0.07%	<5	0.05%	Hispanic/Latino	7,519	4.14%	6	0.27%
Non-Hispanic/ Latino	8,062	4.44%	151	6.84%	Non-Hispanic/ Latino	2,068	1.14%	<5	0.09%
Not Specified	1,776	0.98%	0	0%	Not Specified	28,697	15.81%	5	0.23%
Black	48,992	26.99%	667	30.21%	White	62,603	34.49%	1,215	55.03%
Hispanic/Latino	1,264	0.70%	5	0.23%	Hispanic/Latino	15,044	8.29%	160	7.25%
Non-Hispanic/ Latino	43,775	24.12%	661	29.94%	Non-Hispanic/ Latino	43,424	23.93%	1,051	47.60%
Not Specified	3,953	2.18%	<5	0.05%	Not Specified	4,135	2.28%	<5	0.18%
Native Hawaiian/Pacific Islander	239	0.13%	<5	0.18%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
Hispanic/Latino	84	0.05%	<5	0.09%	**Among patients with underlying conditions information available				
Non-Hispanic/ Latino	124	0.07%	<5	0.09%	***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 12/23/2021 – 12/29/2021.				
Not Specified	31	0.02%	0	0%	† Represents total confirmed and probable cases				
					Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				

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

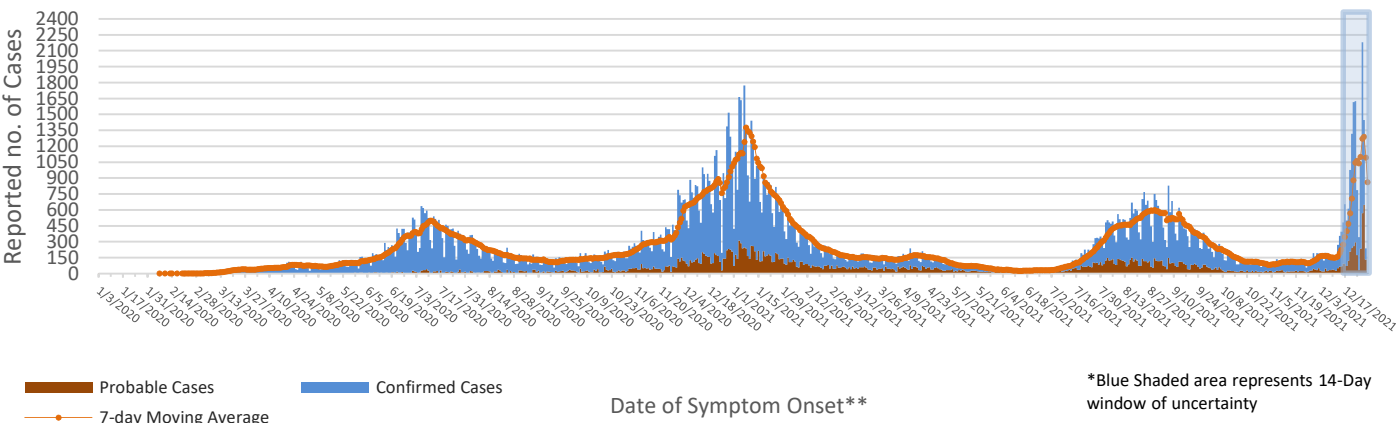


COVID-19 District Overview, data as of 1pm December 30, 2021

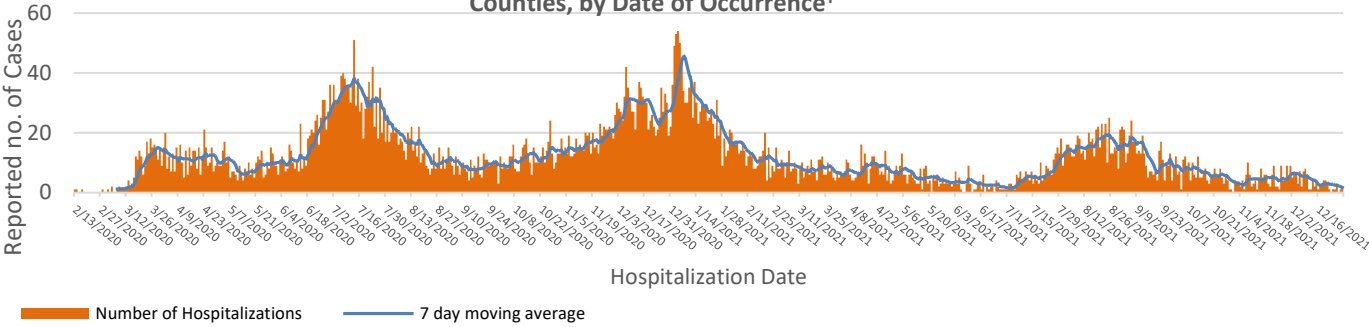
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

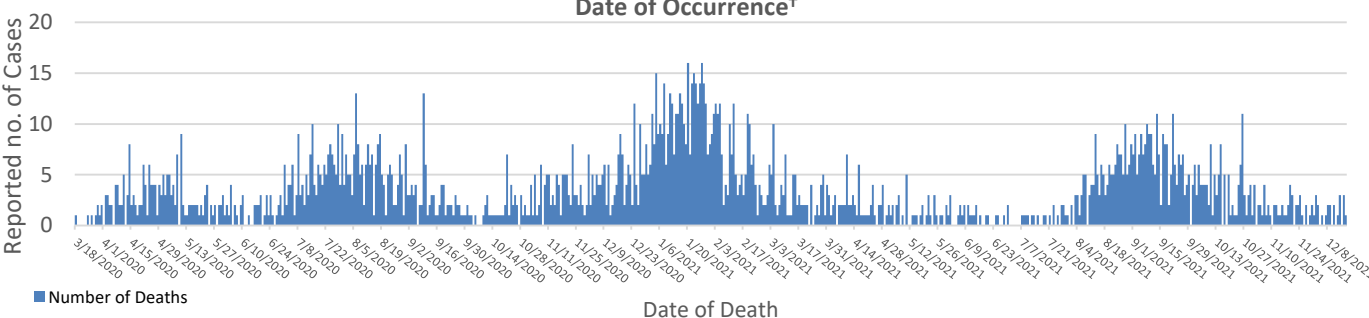
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 12/30/2021[†]



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 – 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

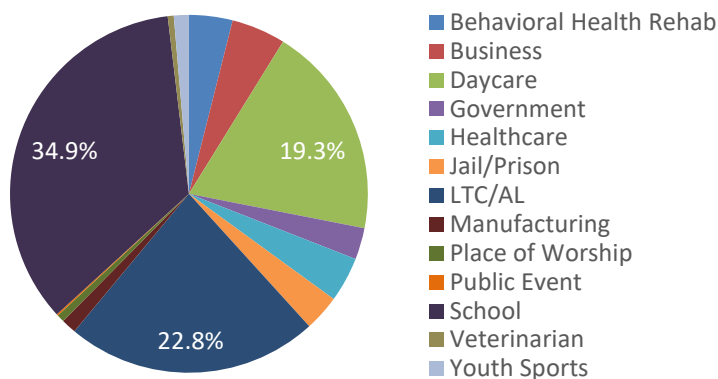
Epidemiology Overview of Outbreaks



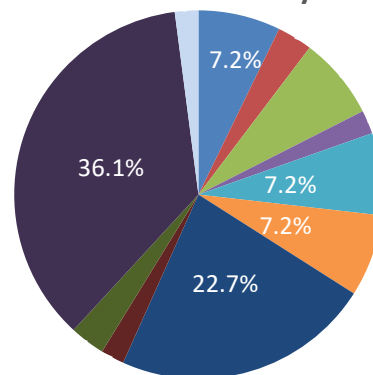
COVID-19 Snapshot, data as 1pm December 30, 2021

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.

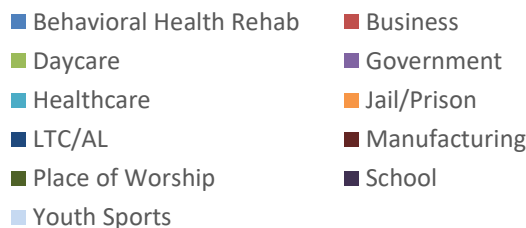
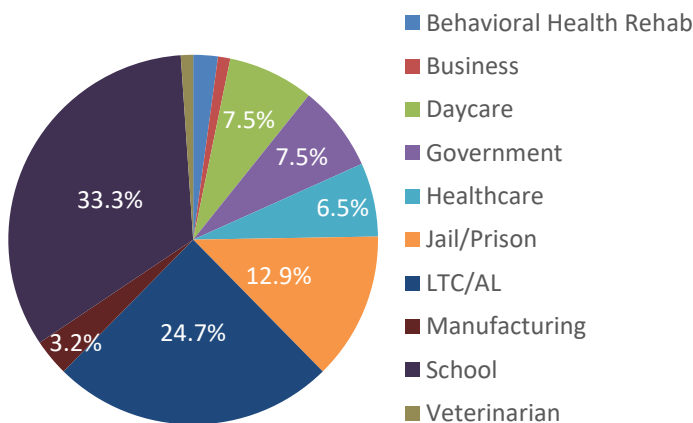
Number of Outbreaks by Facility Type for Gwinnett County



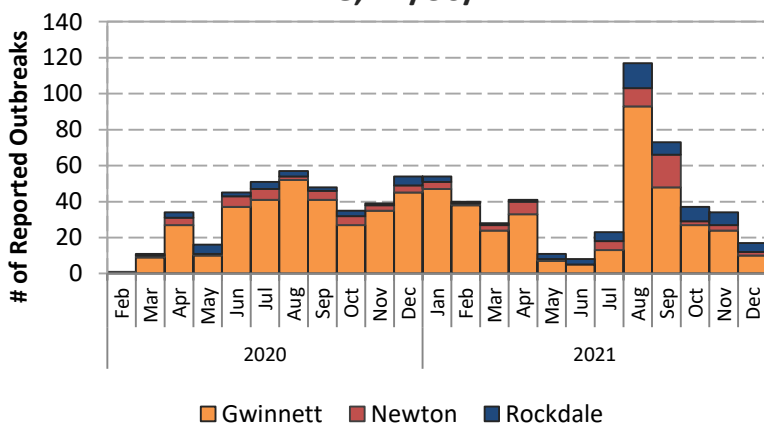
Number of Outbreaks by Facility type for Newton County



Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by County Over Time, 12/30/21



Number of Outbreaks by Facility Type N=927

Facility Type	Gwinnett n=737	Newton n=97	Rockdale n=93
Behavioral Health Rehab	3.93%	7.22%	2.15%
Business	4.88%	3.09%	1.08%
Daycare	19.27%	7.22%	7.53%
Government	2.85%	2.06%	7.53%
Healthcare	4.07%	7.22%	6.45%
Jail/Prison	3.26%	7.22%	12.90%
LTC/AL	22.80%	22.68%	24.73%
Manufacturing	1.36%	2.06%	3.23%
Place of Worship	0.68%	3.09%	0.00%
Public Event	0.14%	0.00%	0.00%
School	34.87%	36.08%	33.33%
Veterinarian	0.54%	0.00%	1.08%
Youth Sports	1.36%	2.06%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

**Data as of 1pm December 30,
2021**



Epidemiology Overview of COVID-19 Vaccinations

% of Gwinnett residents with at least one dose compared with % of Gwinnett population

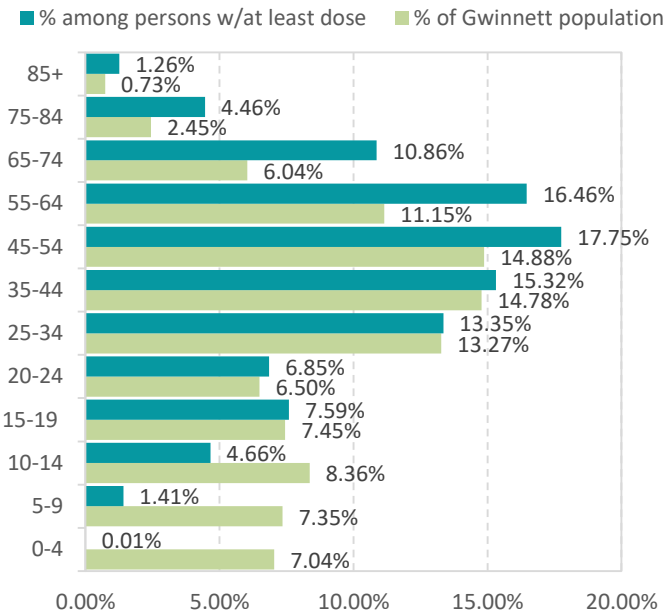
Data as of 1pm December 30, 2021



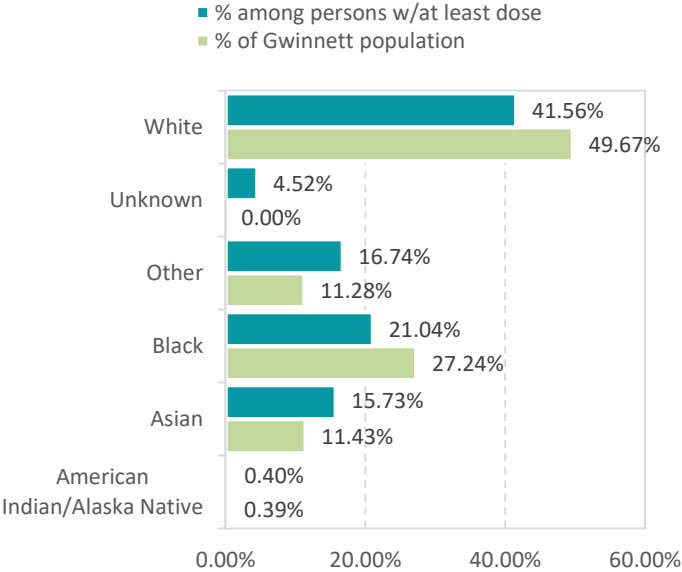
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue bar represents the % of Gwinnett residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Gwinnett residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the blue bar below would be 20%. For the green bar, if there are 100 residents in Gwinnett and 30 of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

557,642 (60.9%) Residents have received at least one dose.
510,829 (55.8%) Residents are fully vaccinated.
159,096 (17%) Residents are fully vaccinated with a booster.

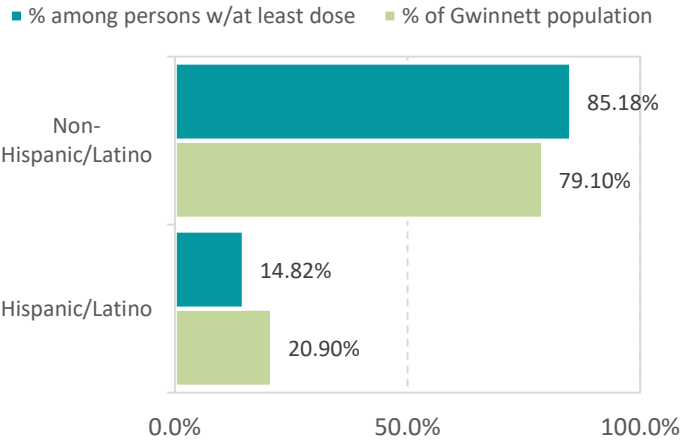
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



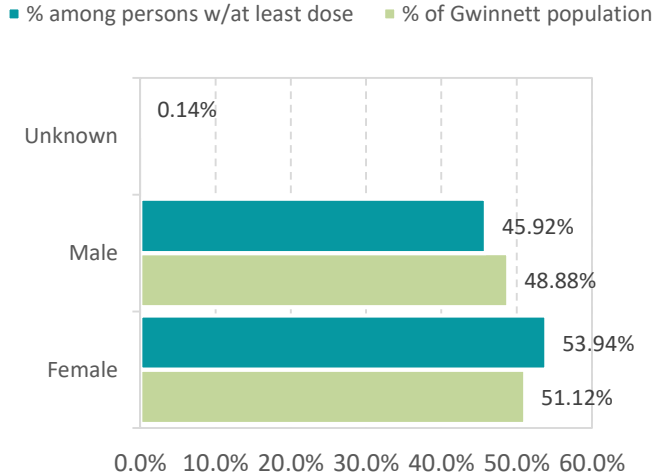
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by ethnicity



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by sex

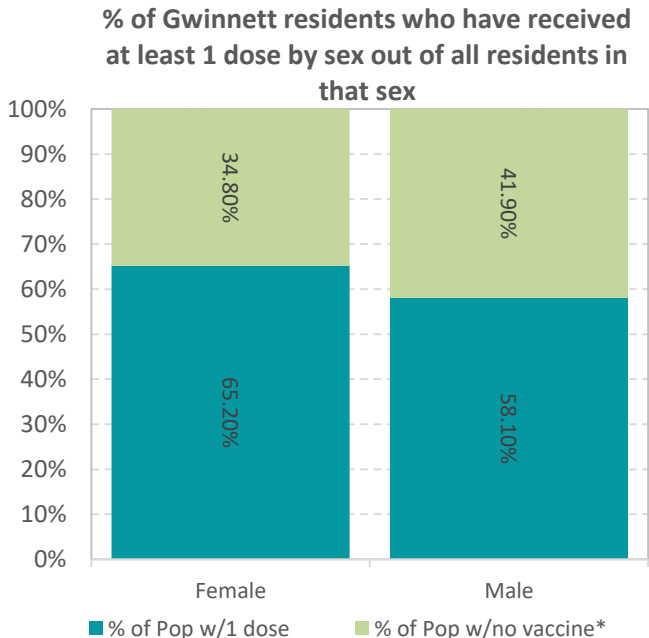
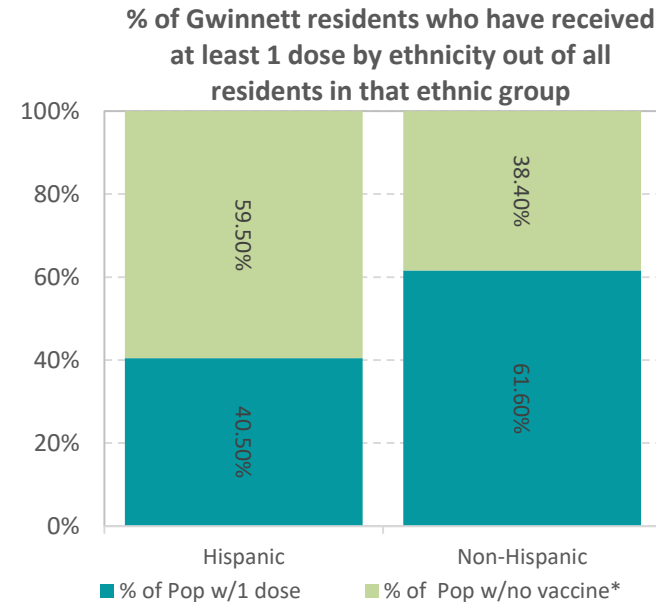
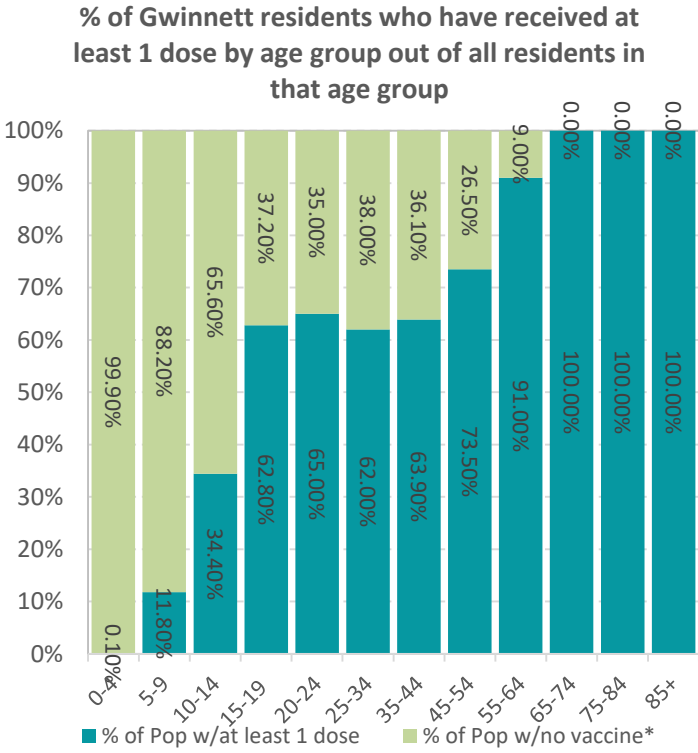
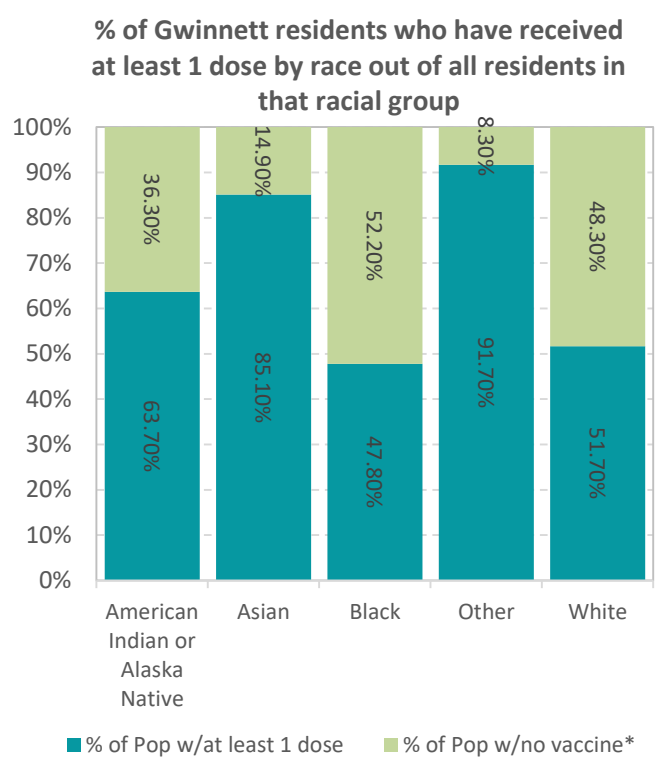


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, *data as of 1pm December 30, 2021*

The data on this page represents the percentage of Gwinnett residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Gwinnett that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the blue bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Newton residents with at least one dose compared with % of Newton population

Data as of 1pm December 30, 2021



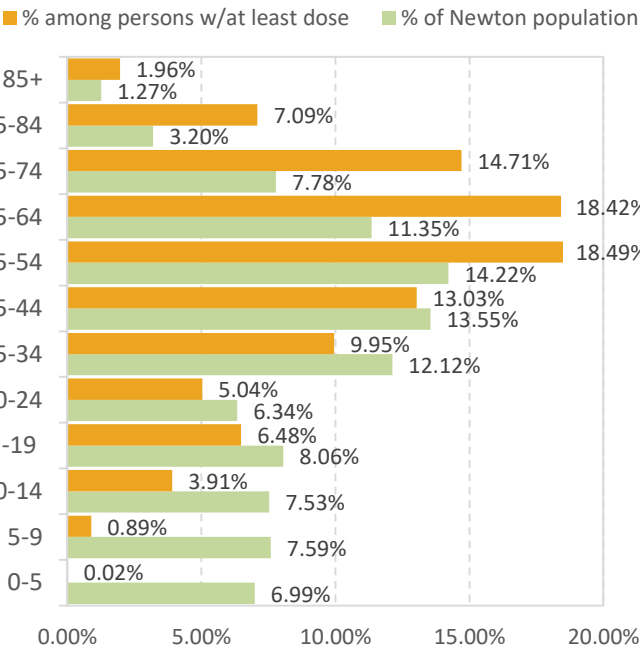
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar represents the % of Newton residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Newton residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the yellow bar below would be 20%. For the green bar, if there are 100 residents in Newton 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

51,355 (47.5%) Residents have received at least one dose.

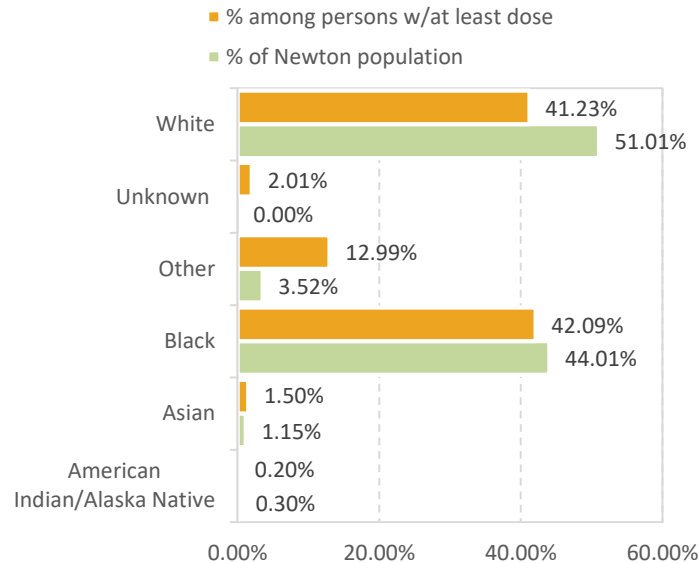
46,616 (43.1%) Residents are fully vaccinated.

13,780 (12%) Residents are fully vaccinated with a booster.

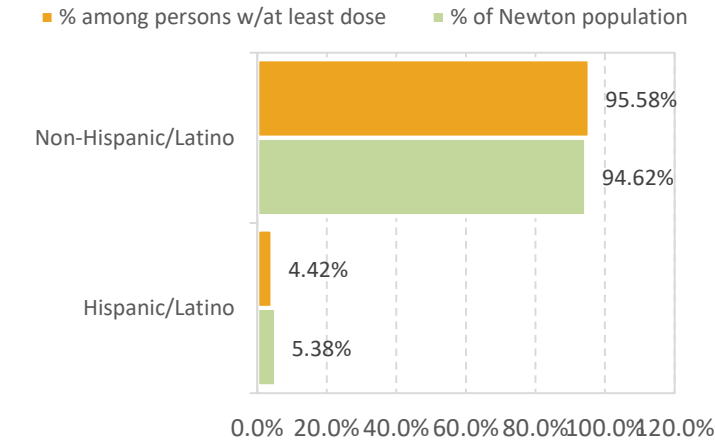
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



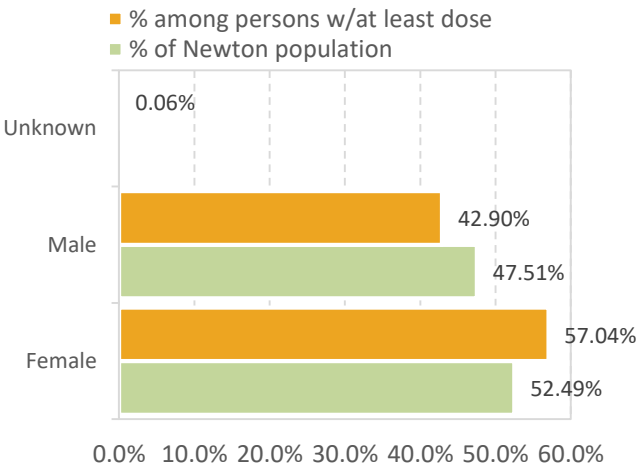
% Newton residents with at least 1 dose compared with % of Newton Pop by race



% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity



% of Newton resident with at least 1 dose compared with % of Newton Pop by sex

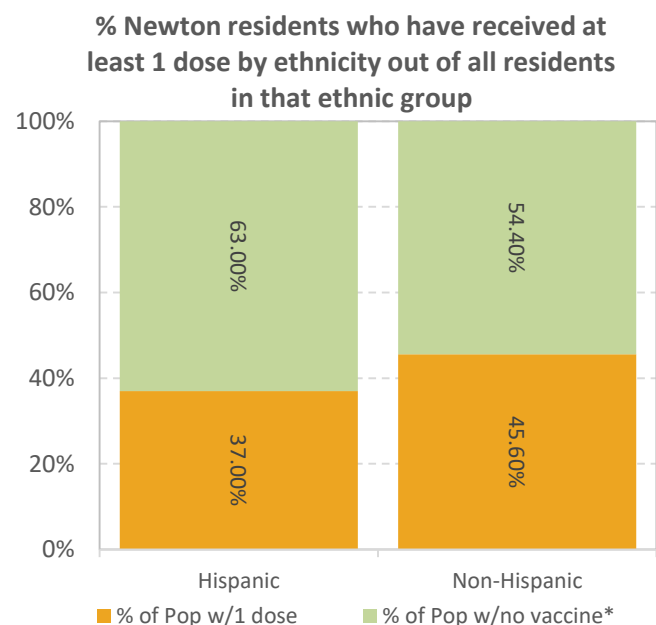
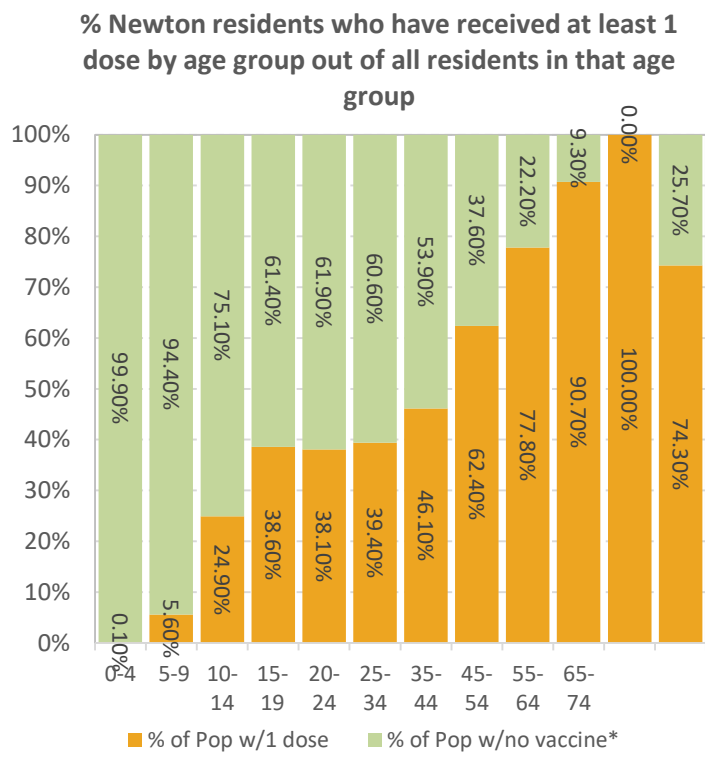
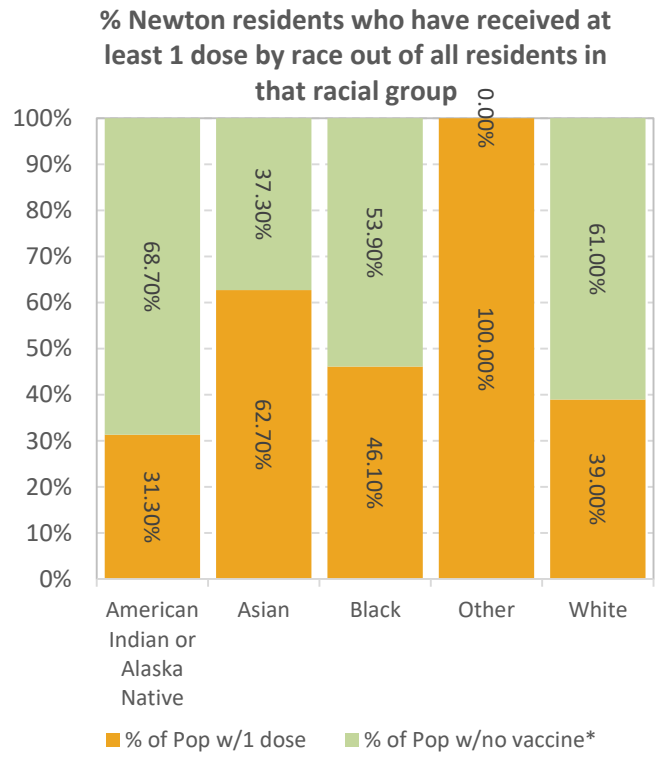


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm December 30, 2021

The data on this page represents the percentage of Newton residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Newton that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the yellow bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Rockdale residents with at least one dose compared with % of Rockdale population

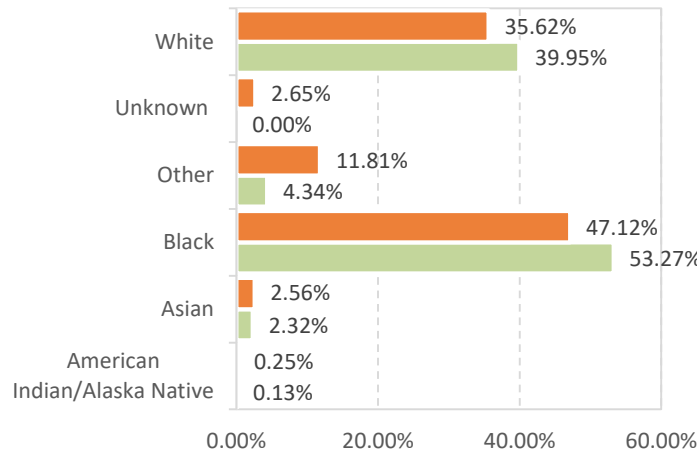
Data as of 1pm December 30, 2021



The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange bar represents the % of Rockdale residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Rockdale residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the orange bar below would be 20%. For the green bar, if there are 100 residents in Rockdale 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

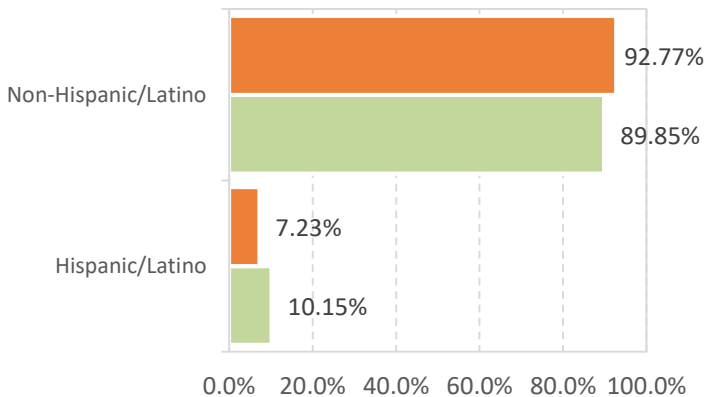
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

■ % among persons w/at least dose
■ % of Rockdale population by Race



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

■ % among persons w/at least dose
■ % of Rockdale population



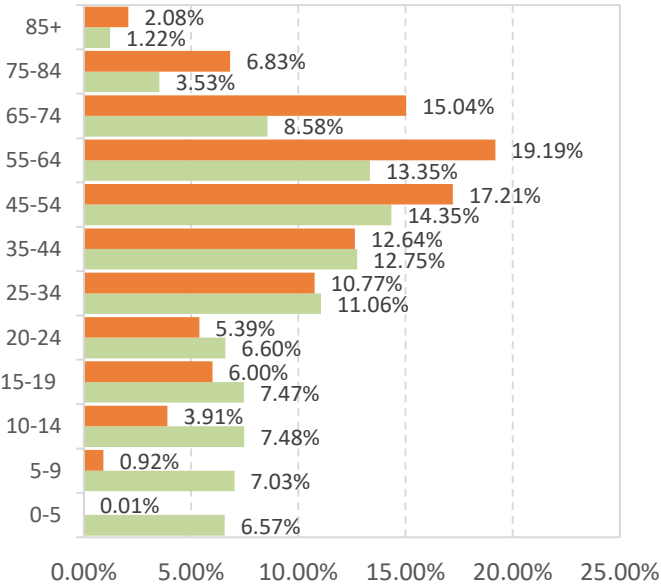
50,089 (55.8%) Residents have received at least one dose.

45,625 (50.9%) Residents are fully vaccinated.

14,945 (16%) Residents are fully vaccinated with a booster.

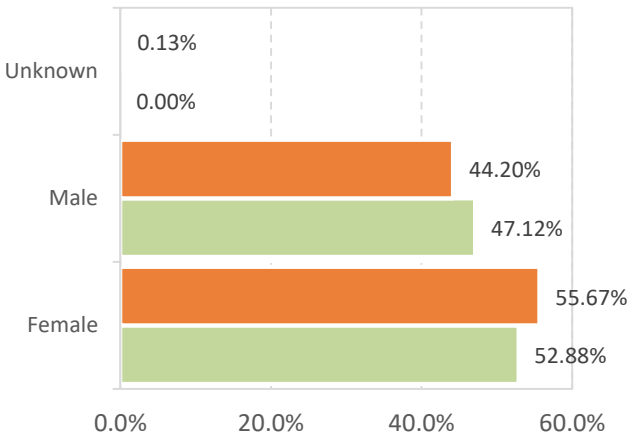
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group

■ % among persons w/at least dose
■ % of Rockdale population



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by sex

■ % among persons w/at least dose
■ % of Rockdale population

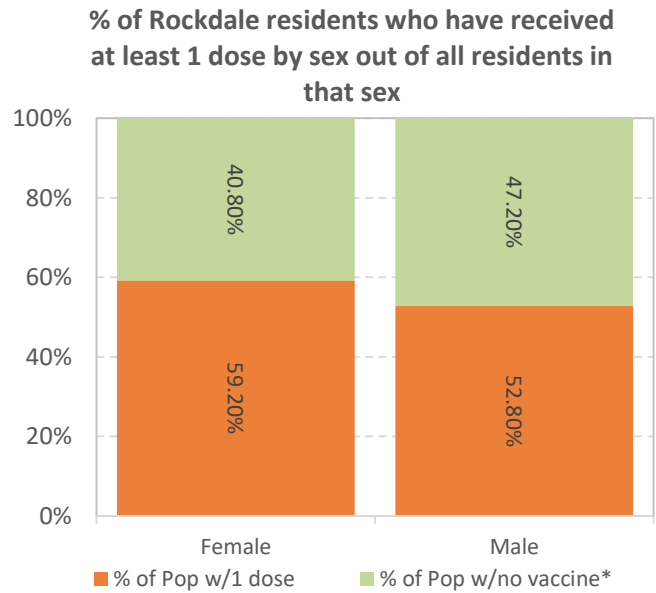
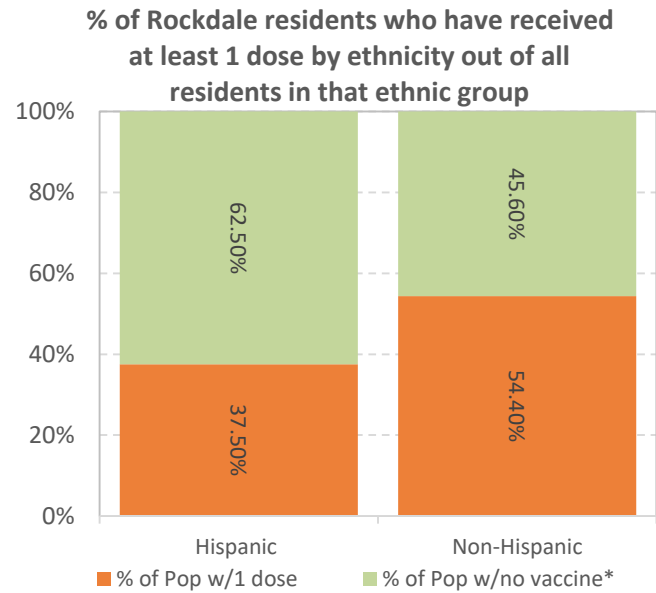
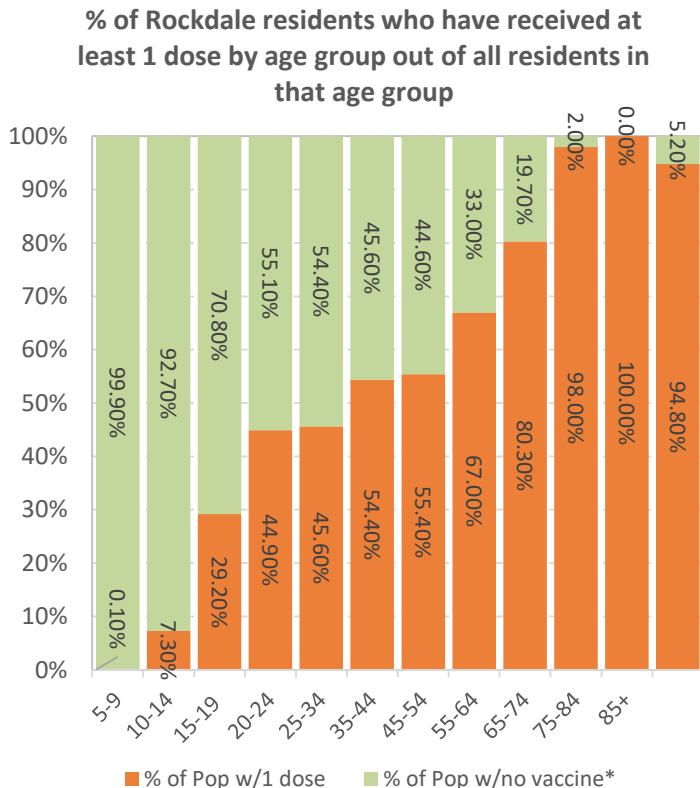
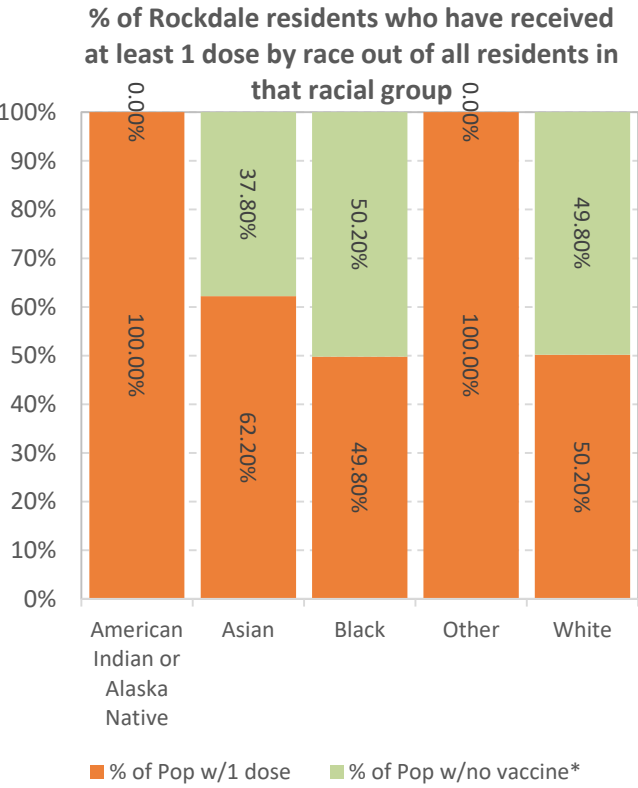


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm December 30, 2021

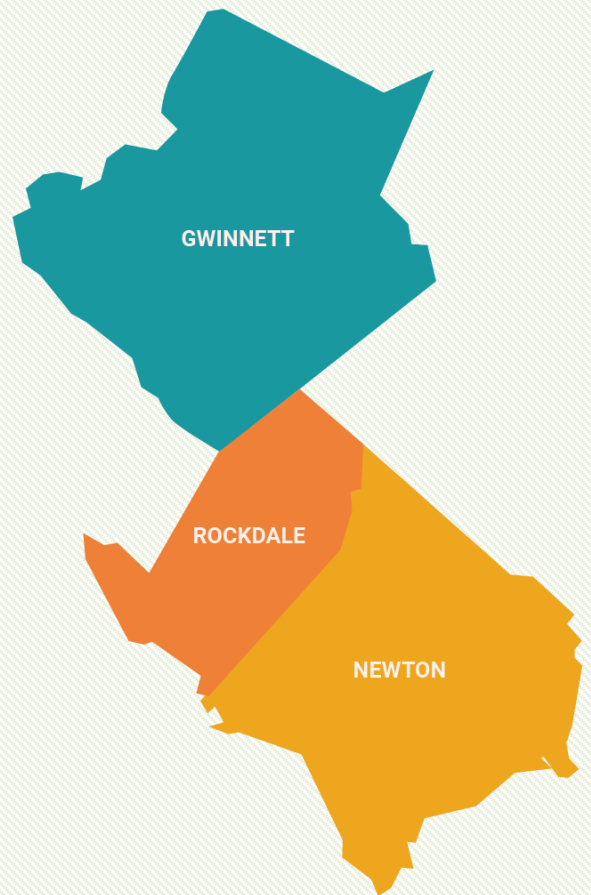
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the orange below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Cases in the District by County of Residence

*Data as of 1pm December
30, 2021*



Epidemiology Overview of Gwinnett County

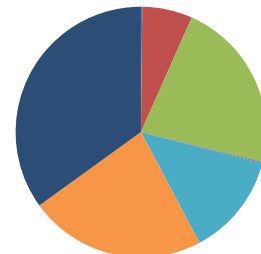
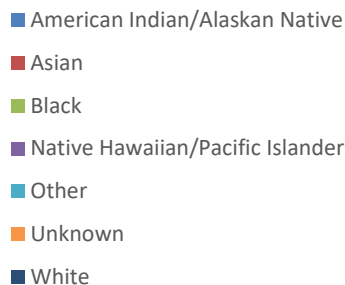


COVID-19 County Overview, data as of 1pm December 30, 2021

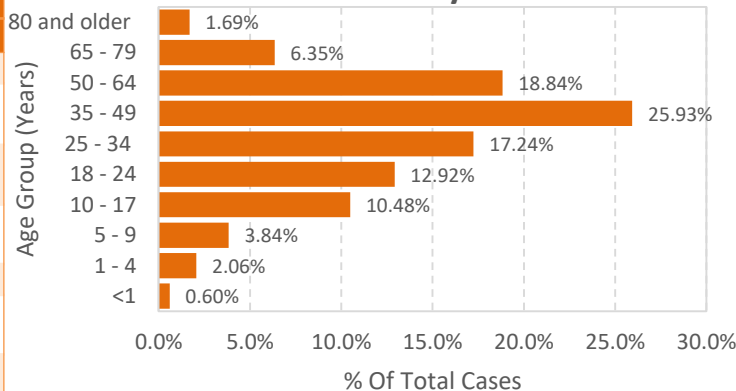
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 8.4% increase in newly confirmed COVID-19 Cases between the 2 weeks of **12/9/2021 – 12/16/2021 (N=137,622) to 12/16/2021 – 12/30/2021 (N=149,129)**.

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deathst (%)
Outbreak	4,470	855	5,325 277 (5.2%)
Total	124,258	24,871	149,129 1,571 (1.1%)
Illness Characteristics*† N=149,129; n=1,571			
	Among all Cases		Among Deaths
Gender			
Female	79,703 (53.4%)		720 (45.8%)
Male	68,703 (46.1%)		851 (54.2%)
Median Age (years)	36		73
Age range (years)	0 – 107		0 – 102
Total Hospitalizations	6,697 (4.5%)		1,218 (77.5%)
Total with Underlying Conditions	17,983 (47.0%)**		809 (95.2%)**
Underlying Conditions unknown	110,906		721

Total Cases & Deaths by Race*† N =149,129; Total Deaths n=1,571							
	Total Cases	%	Deaths	%		Total Cases	%
American Indian/Alaskan Native	253	0.17%	0	0%	Other	19,773	13.26%
Hispanic/Latino	99	0.07%	0	0%	Hispanic/Latino	8,058	5.40%
Non-Hispanic/ Latino	105	0.07%	0	0%	Non-Hispanic/ Latino	2,304	1.54%
Not Specified	49	0.03%	0	0%	Not Specified	9,411	6.31%
Asian	9,660	6.48%	145	9.23%	Unknown	33,965	22.78%
Hispanic/Latino	127	0.09%	<5	0.06%	Hispanic/Latino	7,046	4.72%
Non-Hispanic/ Latino	7,789	5.22%	144	9.17%	Non-Hispanic/ Latino	1,747	1.17%
Not Specified	1,744	1.17%	0	0%	Not Specified	25,172	16.88%
Black	33,123	22.21%	397	25.27%	White	52,142	34.96%
Hispanic/Latino	992	0.67%	5	0.32%	Hispanic/Latino	13,972	9.37%
Non-Hispanic/ Latino	29,295	19.64%	391	24.89%	Non-Hispanic/ Latino	34,678	23.25%
Not Specified	2,836	1.90%	<5	0.06%	Not Specified	3,492	2.34%
Native Hawaiian/Pacific Islander	213	0.14%	<5	0.25%			
Hispanic/Latino	82	0.05%	<5	0.13%			
Non-Hispanic/ Latino	102	0.07%	<5	0.13%			
Not Specified	29	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 probable cases

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of Newton County



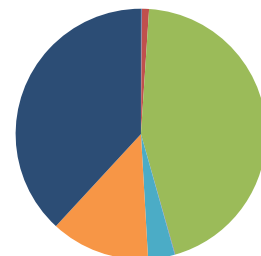
COVID-19 County Overview, data as of 1pm December 30, 2021

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.

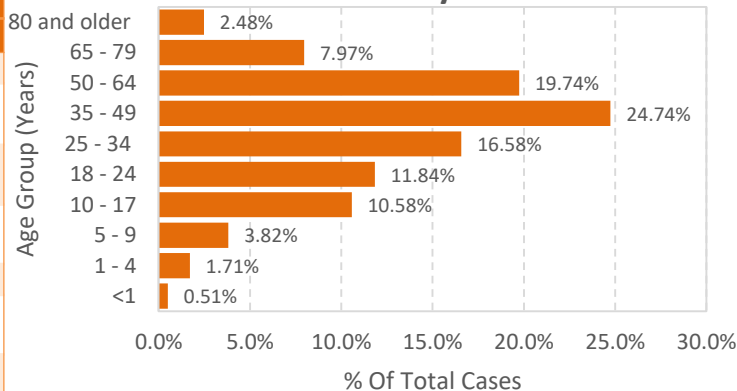
In Newton County there has been a 11.3% increase in newly confirmed COVID-19 Cases between the 2 weeks of **12/9/2021 – 12/16/2021 (N=16,864) to 12/16/2021 – 12/30/2021 (N=18,765)**.

Race Distribution of Cases in Newton County

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



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deaths† (%)
Outbreak	644	194	838 82 (9.8%)
Total	13,116	5,649	18,765 373 (2.0%)
Illness Characteristics*† N=18,765; n=373			
	Among all Cases		Among Deaths
Gender			
Female	10,572 (56.3%)		180 (48.3%)
Male	8,128 (43.0%)		193 (51.7%)
Median Age (years)	38		71
Age range (years)	0 – 102		21 – 100
Total Hospitalizations	1,592 (8.5%)		241 (64.6%)
Total with Underlying Conditions	2,593 (55.2%)**		184 (96.8%)**
Underlying Conditions unknown	14,068		183

Total Cases & Deaths by Race*† N =18,765; Total Deaths n=373

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	22	0.12%	<5	0.27%	Other	648	3.45%	<5	1.07%
Hispanic/Latino	0	0.00%	0	0%	Hispanic/Latino	201	1.07%	<5	0.80%
Non-Hispanic/ Latino	16	0.09%	<5	0.27%	Non-Hispanic/ Latino	272	1.45%	<5	0.27%
Not Specified	6	0.03%	0	0%	Not Specified	175	0.93%	0	0%
Asian	172	0.92%	<5	0.80%	Unknown	2,398	12.78%	<5	0.27%
Hispanic/Latino	5	0.03%	0	0%	Hispanic/Latino	221	1.18%	0	0.00%
Non-Hispanic/ Latino	151	0.80%	<5	0.80%	Non-Hispanic/ Latino	180	0.96%	0	0.00%
Not Specified	16	0.09%	0	0%	Not Specified	1,997	10.64%	<5	0.27%
Black	8,358	44.54%	151	40.48%	White	7,155	38.13%	213	57.10%
Hispanic/Latino	134	0.71%	0	0%	Hispanic/Latino	513	2.73%	7	1.88%
Non-Hispanic/ Latino	7,650	40.77%	151	40.48%	Non-Hispanic/ Latino	6,196	33.02%	206	55.23%
Not Specified	574	3.06%	0	0%	Not Specified	446	2.38%	0	0.00%
Native Hawaiian/Pacific Islander	12	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 probable cases				
Hispanic/Latino	<5	0.01%	0	0%					
Non-Hispanic/ Latino	10	0.05%	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 of Rockdale County



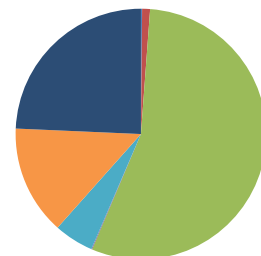
COVID-19 County Overview, data as of 1pm December 30, 2021

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.

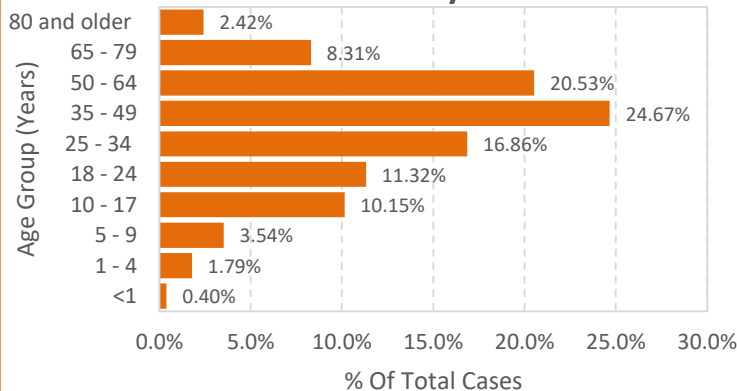
In Rockdale County there has been a 14.9% increase in newly confirmed COVID-19 Cases between the 2 weeks of 12/9/2021 – 12/16/2021 (N=11,845) to 12/16/2021 – 12/30/2021 (N=13,605).

Race Distribution of Cases in Rockdale County

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



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Outbreak	530	120	650	53 (8.2%)
Total	10,803	2,802	13,605	264 (1.9%)
Illness Characteristics*† N=13,605; n=264				
	Among all Cases		Among Deaths	
Gender				
Female	7,755 (57.0%)		138 (52.3%)	
Male	5,806 (42.7%)		126 (47.7%)	
Median Age (years)	38		73	
Age range (years)	0 – 100		27 – 100	
Total Hospitalizations	1,710 (12.6%)		213 (80.7%)	
Total with Underlying Conditions	2,374 (61.0%)**		193 (97.0%)**	
Underlying Conditions unknown	9,713		65	

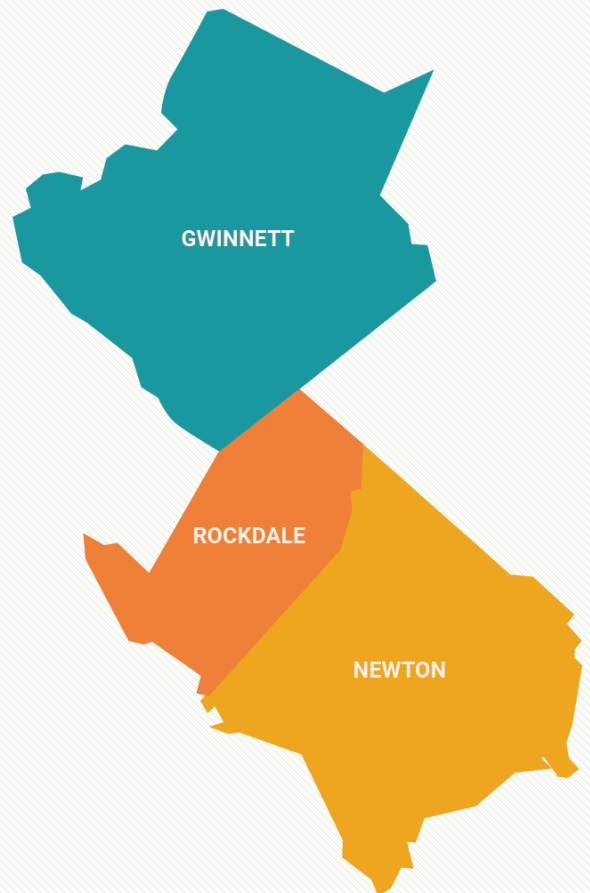
Total Cases & Deaths by Race*† N=13,605; Total Deaths n=264

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
American Indian/Alaskan Native	20	0.15%	<5	0.38%	Other	694	5.10%	<5	1.52%
Hispanic/Latino	<5	0.03%	0	0%	Hispanic/Latino	357	2.62%	<5	1.52%
Non-Hispanic/ Latino	13	0.10%	<5	0.38%	Non-Hispanic/ Latino	161	1.18%	0	0%
Not Specified	<5	0.02%	0	0%	Not Specified	176	1.29%	0	0%
Asian	139	1.02%	<5	1.52%	Unknown	1,921	14.12%	<5	0.38%
Hispanic/Latino	<5	0.01%	0	0.00%	Hispanic/Latino	252	1.85%	0	0%
Non-Hispanic/ Latino	122	0.90%	<5	1.52%	Non-Hispanic/ Latino	141	1.04%	<5	0.38%
Not Specified	16	0.12%	0	0%	Not Specified	1,528	11.23%	0	0%
Black	7,511	55.21%	119	45.08%	White	3,306	24.30%	135	51.14%
Hispanic/Latino	138	1.01%	0	0%	Hispanic/Latino	559	4.11%	9	3.41%
Non-Hispanic/ Latino	6,830	50.20%	119	45.08%	Non-Hispanic/ Latino	2,550	18.74%	126	47.73%
Not Specified	543	3.99%	0	0%	Not Specified	197	1.45%	0	0%
Native Hawaiian/Pacific Islander	14	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 probable cases				
Hispanic/Latino	<5	0.01%	0	0%					
Non-Hispanic/ Latino	12	0.09%	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 of COVID-19 Cases among Vaccinated Residents

*Data as of 8am December
30, 2021*

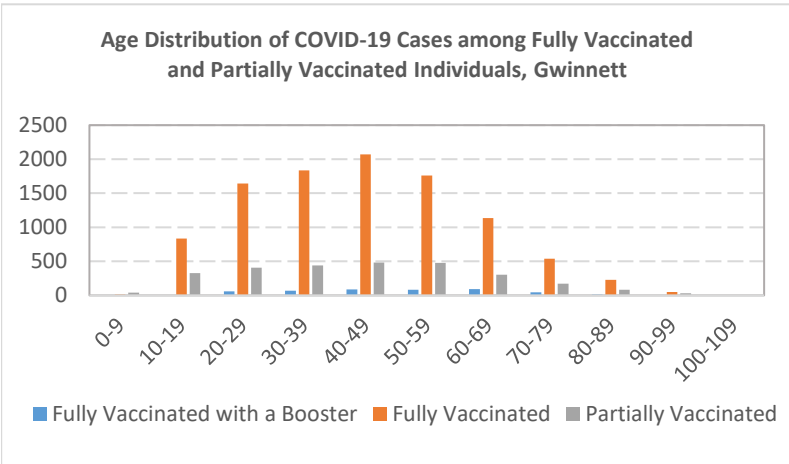


Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am December 30, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



COVID-19 Cases & Deaths N (%)							
Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated		Not Vaccinated	Total
Cases	446 (0.5)	10,116 (11.5)		2,763 (3.2)		74,315 (84.8)	87,640
Deaths	<5 (0.1)	47 (6.1)		55 (7.1)		673 (86.7)	776
Illness Characteristics N (%), n (%)							
	Fully Vaccinated with a Booster		Fully Vaccinated		Partially Vaccinated		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	
Gender							
Female	283 (63.5)	0 (0)	5,999 (59.3)	23 (48.9)	1,608 (58.2)	26 (47.3)	
Male	163 (36.6)	<5 (100)	4,117(40.7)	24 (51.1)	1,155 (41.8)	29 (52.7)	
Median Age (years)	50	-	43	78	43	79	
Age range (years)	16-97	-	5-101	42-98	5-98	33-95	
Median of days between last dose and test date	-	-	172	159	14	12	
Range of days between last dose and test date	-	-	14-445	17-295	0-356	2-203	
Outbreak related	6	0	290	13	116	6	
Hospitalizations	6 (1.4)	-	217 (2.2)	34 (72.3)	136 (4.9)	42 (76.4)	
	Fully Vaccinated w/ a Booster		Fully Vaccinated		Partially Vaccinated		
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths	
American Indian/Alaskan Native	0 (0)	-	17 (0.2)	0 (0)	6 (0.2)	0 (0)	
Asian	41 (9.2)	-	899 (8.9)	5 (10.6)	231 (8.4)	9 (16.4)	
Black	105 (23.5)	-	2,284 (22.6)	10 (21.3)	794 (28.7)	7 (12.7)	
Native Hawaiian/Pacific Islander	0 (0)	-	11 (0.1)	0 (0)	<5 (0.1)	0 (0)	
Other	22 (4.9)	-	543 (5.4)	<5 (2.1)	211 (7.6)	<5 (1.8)	
Unknown	147 (33.0)	-	3,046 (30.1)	0 (0)	524 (19.0)	0 (0)	
White	131 (29.4)	-	3,316 (32.8)	31 (66.0)	994 (36.0)	38 (69.1)	
Ethnicity							
Hispanic/Latino	33 (7.4)	-	1,123 (11.1)	<5 (6.4)	323 (11.7)	<5 (3.6)	
Non-Hispanic/Latino	245 (54.9)	-	5,477 (54.1)	44 (93.6)	1,760 (63.7)	53 (96.4)	
Not Specified	168 (37.7)	-	3,516 (34.8)	0 (0)	680 (24.6)	0 (0%)	

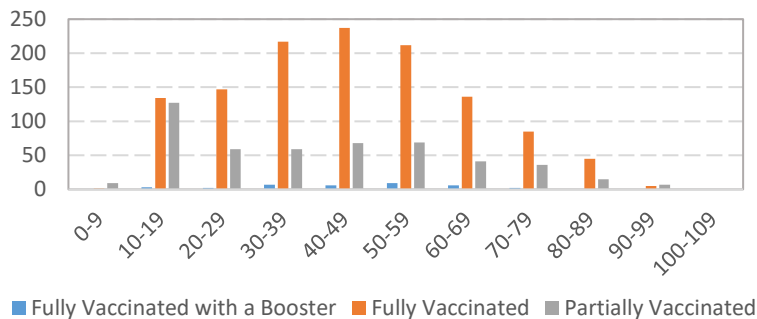
Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Newton Residents, data as of 8am December 30, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.

Age Distribution of COVID-19 Cases among Fully Vaccinated and Partially Vaccinated Individuals, Newton



COVID-19 Cases & Deaths N (%)					
	Fully Vaccinated with a booster	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	35 (0.3)	1,219 (9.9)	490 (4.0)	10,614 (85.9)	12,358
Deaths	0 (0)	11 (6.1)	11 (6.1)	159 (87.9)	181

Illness Characteristics N (%), n (%)					
	Fully Vaccinated with a booster Cases	Fully Vaccinated Deaths	Fully Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Cases Deaths
Gender					
Female	28 (80.0)	-	804 (66.0)	7 (63.6)	295 (60.2) 6 (54.6)
Male	7 (20.0)	-	415(34.0)	<5 (36.4)	195 (39.8) 5 (45.5)
Median Age (years)	48	-	44	71	38 76
Age range (years)	14-78	-	9-94	37-90	7-97 56-93
Median of days between last dose and test date	-	-	161	123	14 14
Range of days between last dose and test date	-	-	15-340	31-223	0-289 7-153
Outbreak related	-	-	31	<5	21 <5
Hospitalizations	<5 (8.6)	-	117 (9.6)	10 (90.9)	54 (11.0) 9 (81.8)

	Fully Vaccinated w/ a Booster Cases	Fully Vaccinated Deaths	Fully Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Cases	Partially Vaccinated Deaths
Race						
American Indian/Alaskan Native	0 (0)	-	2 (0.2)	0 (0)	0 (0)	0 (0)
Asian	0 (0)	-	15 (1.2)	0 (0)	38 (7.8)	<5 (9.1)
Black	13 (37.1)	-	607 (49.8)	5 (45.5)	190 (38.8)	6 (54.6)
Native Hawaiian/Pacific Islander	0 (0)	-	0 (0)	0 (0)	0 (0)	0 (0)
Other	<5 (2.9)	-	19 (1.6)	0 (0)	25 (5.1)	0 (0)
Unknown	10 (28.6)	-	198 (16.2)	0 (0)	64 (13.1)	0 (0)
White	11 (31.4)	-	378 (31.0)	6 (54.6)	173 (35.3)	<5 (36.4)
Ethnicity						
Hispanic/Latino	<5 (2.9)	-	54 (4.4)	0 (0)	21 (4.3)	0 (0)
Non-Hispanic/Latino	23 (65.7)	-	916 (75.1)	11 (100)	386 (78.8)	11 (100)
Not Specified	11 (31.4)	-	249 (20.4)	0 (0)	83 (16.9)	0 (0)

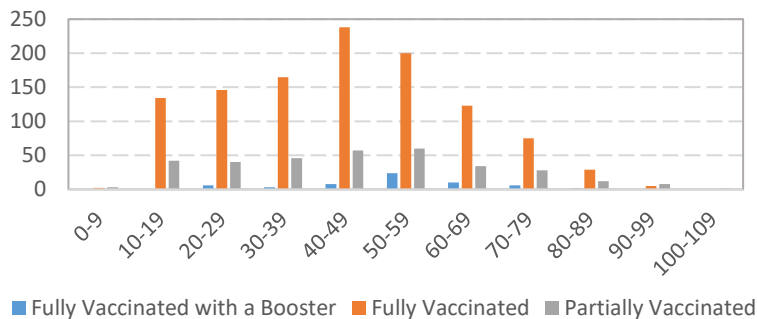
Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am December 30, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated with a booster** is defined as an individual who has received all doses of their primary series (either one dose of a one dose series, or two doses of a two dose series) and received one booster dose, at least 14 days prior to their positive test date and not have another positive test result in the 90 days prior to their new positive. **Fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to complete their primary vaccine series (either one dose of a one dose series or two doses of a two dose series) at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received either doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.

Age Distribution of COVID-19 Cases among Fully Vaccinated and Partially Vaccinated Individuals, Rockdale



COVID-19 Cases & Deaths N (%)					
	Fully Vaccinated with a booster	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	58 (0.6)	1,118 (12.1)	331 (3.6)	7,705 (83.6)	9,212
Deaths	<5 (0.7)	15 (11)	14 (10.2)	107 (78.1)	137

Illness Characteristics N (%), n (%)						
	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Gender						
Female	35 (60.3)	<5 (100)	735 (65.7)	10 (66.7)	204 (61.6)	7 (50.0)
Male	23 (40.0)	0 (0)	383 (34.3)	5 (33.3)	127 (38.4)	7 (50.0)
Median Age (years)	54	-	44	75	46	85
Age range (years)	21-88	-	0-92	50-91	6-100	57-100
Median of days between last dose and test date	-	-	167	138	14	15
Range of days between last dose and test date	-	-	14-346	67-227	0-352	0-260
Outbreak related	-	-	32	0	31	7
Hospitalizations	5 (8.6)	<5 (100)	116 (10.4)	12 (80.0)	51 (15.4)	9 (64.3)

	Fully Vaccinated with a booster		Fully Vaccinated		Partially Vaccinated	
Race	Cases	Deaths	Cases	Deaths	Cases	Deaths
American Indian/Alaskan Native	0 (0)	-	6 (0.5)	0 (0)	<5 (0.3)	0 (0)
Asian	2 (3.4)	-	10 (0.9)	<5 (6.7)	6 (1.8)	<5 (7.1)
Black	37 (63.8)	-	662 (59.2)	5 (33.3)	187 (56.5)	6 (42.9)
Native Hawaiian/Pacific Islander	0 (0)	-	<5 (0.1)	0 (0)	0 (0)	0 (0)
Other	0 (0)	-	34 (3.0)	0 (0)	17 (5.1)	0 (0)
Unknown	7 (12.1)	-	193 (17.3)	0 (0)	41 (12.4)	0 (0%)
White	12 (20.7)	-	212 (19.0)	9 (60.0)	79 (23.9)	7 (50.0)
Ethnicity						
Hispanic/Latino	<5 (1.7)	-	70 (6.3)	<5 (6.7)	14 (4.2)	0 (0)
Non-Hispanic/Latino	45 (77.6)	-	804 (71.9)	14 (93.3)	252 (76.1)	<5 (100)
Not Specified	12 (20.7)	-	244 (21.8)	0 (0)	65 (19.6)	0 (0)