

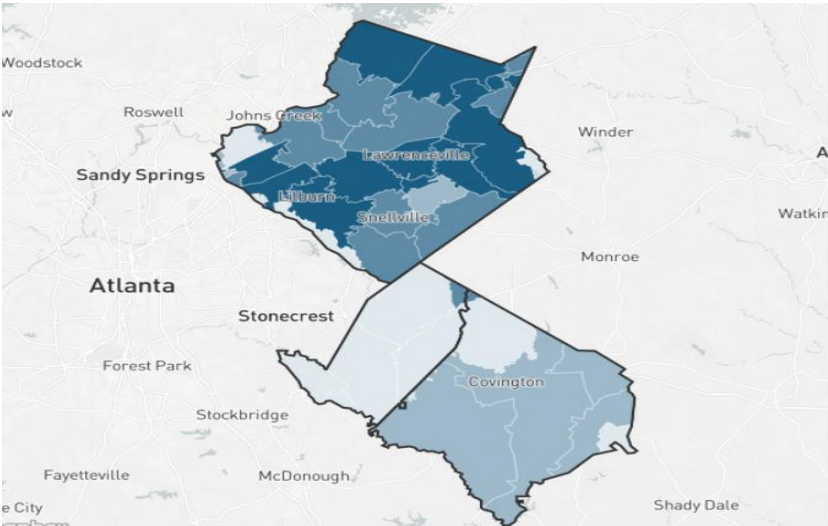
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm October 28, 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!



Total Positivity	Georgia	Gwinnett	Newton	Rockdale
Total Tests [†]	15,966,714	1,368,917	158,053	124,866
Total Positive [†]	1,608,201 (10.1%)	145,152 (10.6%)	17,708 (11.2%)	12,779 (10.2%)
Seven Day ^{***}	7,865 (4.9%)	712 (4.8%)	92 (6.4%)	81 (6.1%)

COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Gwinnett	110,859	21,126	131,985	1,445 (1.1%)
Newton	11,044	5,130	16,174	344 (2.1%)
Rockdale	8,889	2,427	11,316	236 (2.1%)
Total	130,792	28,683	159,475	2,025 (1.3%)
Illness Characteristics*† N=159,475 n=2,025				
			Among all Cases	Among Deaths
Gender				
	Female	85,351 (53.5%)		958 (47.3%)
	Male	73,186 (45.9%)		1,067 (52.7%)
Median Age (years)		37		73
Age range (years)		0 – 107		0 – 102
Total Hospitalizations		8,830 (5.5%)		1,504 (74.3%)
Total with Underlying Conditions		21,141 (48.8%)**		1,122 (95.7%)**
Underlying Conditions unknown		116,132		853

Total Cases & Deaths by Race* [†] N = 159,475; Total Deaths n=2,025									
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,697	5.45%	143	7.06%	White	55,511	34.81%	1,114	55.01%
Hispanic/Latino	102	0.06%	<5	0.05%	Hispanic/Latino	13,299	8.34%	142	7.01%
Non-Hispanic/ Latino	6,827	4.28%	142	7.01%	Non-Hispanic/ Latino	38,053	23.86%	969	47.85%
Not Specified	1,768	1.11%	0	0%	Not Specified	4,159	2.61%	<5	0.15%
Black	40,333	25.29%	603	29.78%	Other	19,790	12.41%	153	7.56%
Hispanic/Latino	989	0.62%	5	0.25%	Hispanic/Latino	7,679	4.82%	133	6.57%
Non-Hispanic/ Latino	35,801	22.45%	597	29.48%	Non-Hispanic/ Latino	2,256	1.41%	20	0.99%
Not Specified	3,543	2.22%	<5	0.05%	Not Specified	9,855	6.18%	0	0.00%
Native Hawaiian/Pacific Islander	207	0.13%	<5	0.20%	Unknown	34,677	21.74%	6	0.30%
Hispanic/Latino	63	0.04%	<5	0.10%	Hispanic/Latino	6,469	4.06%	<5	0.20%
Non-Hispanic/ Latino	112	0.07%	<5	0.10%	Non-Hispanic/ Latino	2,139	1.34%	0	0%
Not Specified	32	0.02%	0	0%	Not Specified	26,069	16.35%	<5	0.10%
American Indian/Alaskan Native	260	0.16%	<5	0.10%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available ***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 10/21/2021 – 10/27/2021. † Represents total confirmed and probable cases Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Hispanic/Latino	91	0.06%	0	0%					
Non-Hispanic/ Latino	110	0.07%	<5	0.10%					
Not Specified	59	0.04%	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

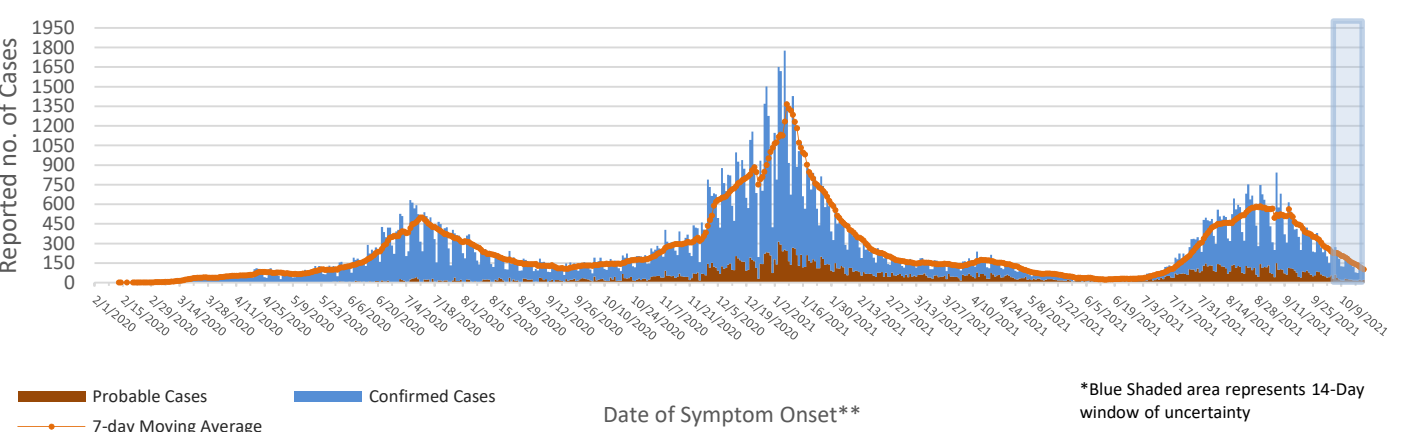


COVID-19 District Overview, data as of 1pm October 28, 2021

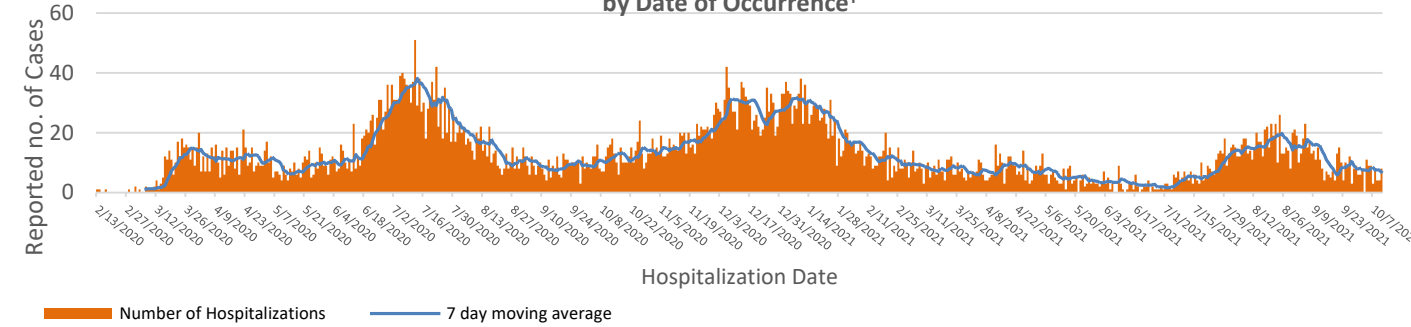
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

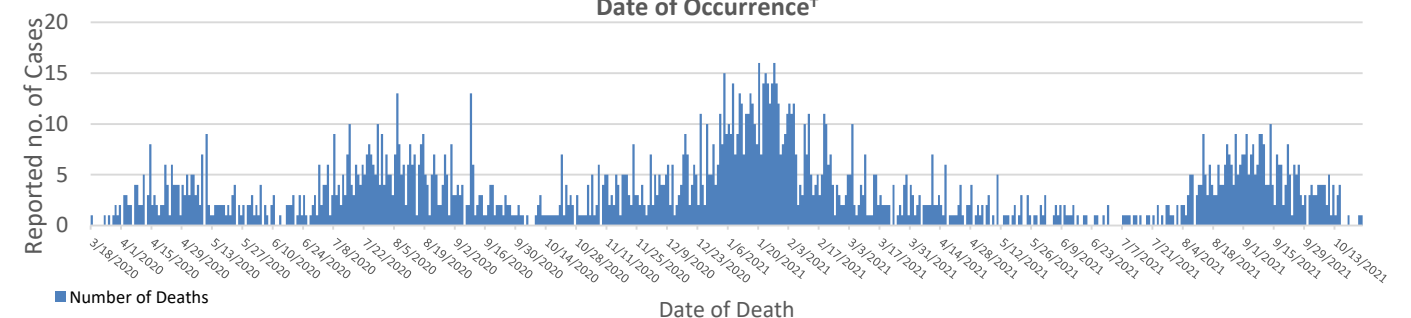
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 10/28/2021[†]



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

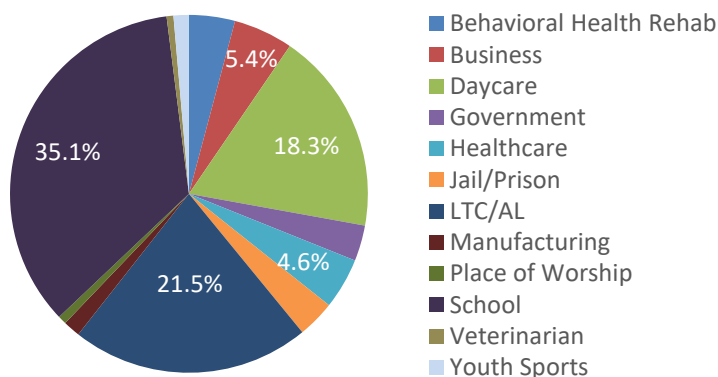
Epidemiology Overview of Outbreaks



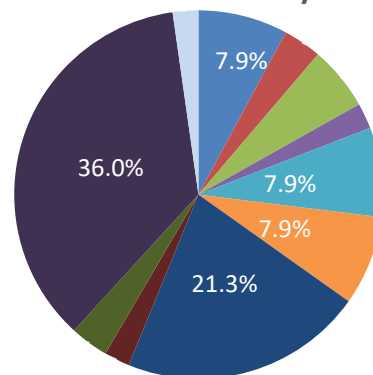
COVID-19 Snapshot, data as 1pm October 28, 2021

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.

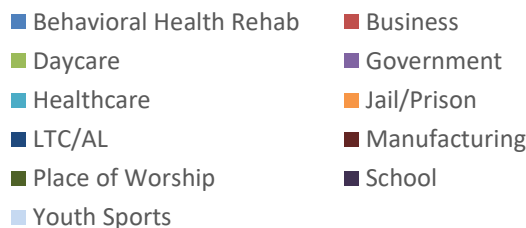
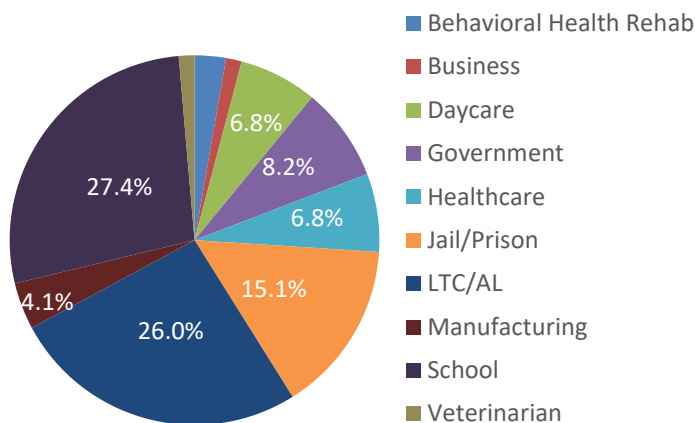
Number of Outbreaks by Facility Type for Gwinnett County



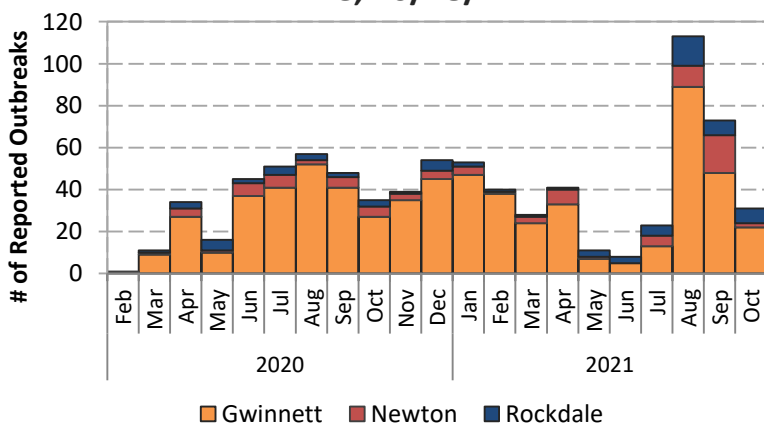
Number of Outbreaks by Facility type for Newton County



Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by County Over Time, 10/28/21



Number of Outbreaks by Facility Type N=812

Facility Type	Gwinnett n=650	Newton n=89	Rockdale n=73
Behavioral Health Rehab	4.15%	7.87%	2.74%
Business	5.38%	3.37%	1.37%
Daycare	18.31%	5.62%	6.85%
Government	3.23%	2.25%	8.22%
Healthcare	4.62%	7.87%	6.85%
Jail/Prison	3.38%	7.87%	15.07%
LTC/AL	21.54%	21.35%	26.03%
Manufacturing	1.54%	2.25%	4.11%
Place of Worship	0.77%	3.37%	0.00%
School	35.08%	35.96%	27.40%
Veterinarian	0.62%	0.00%	1.37%
Youth Sports	1.38%	2.25%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

Data as of 1pm October 28, 2021



Epidemiology Overview of COVID-19 Vaccinations

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

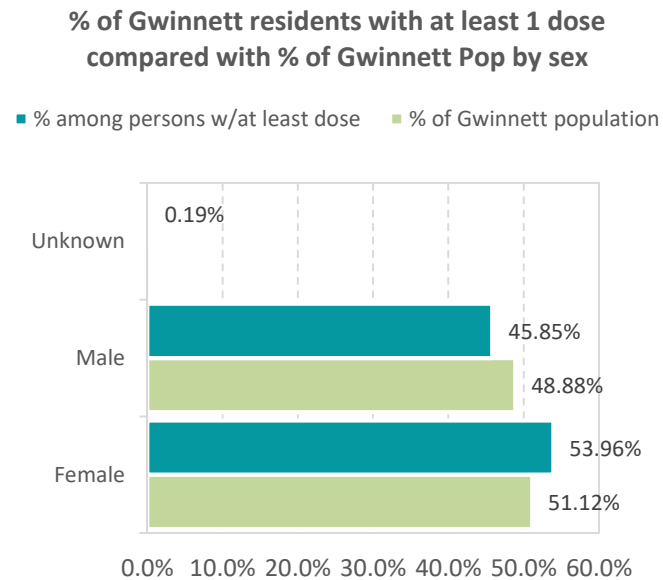
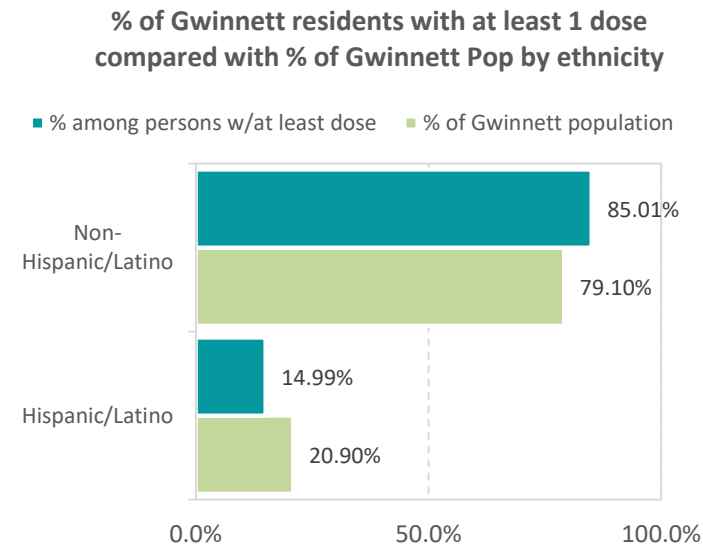
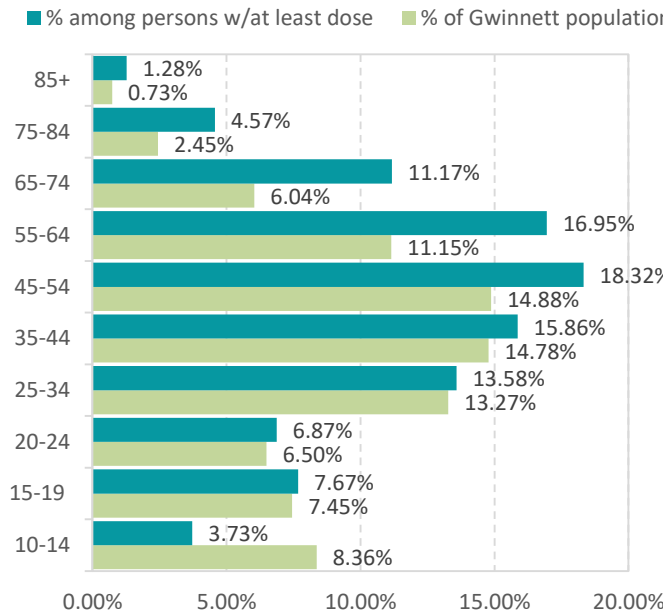
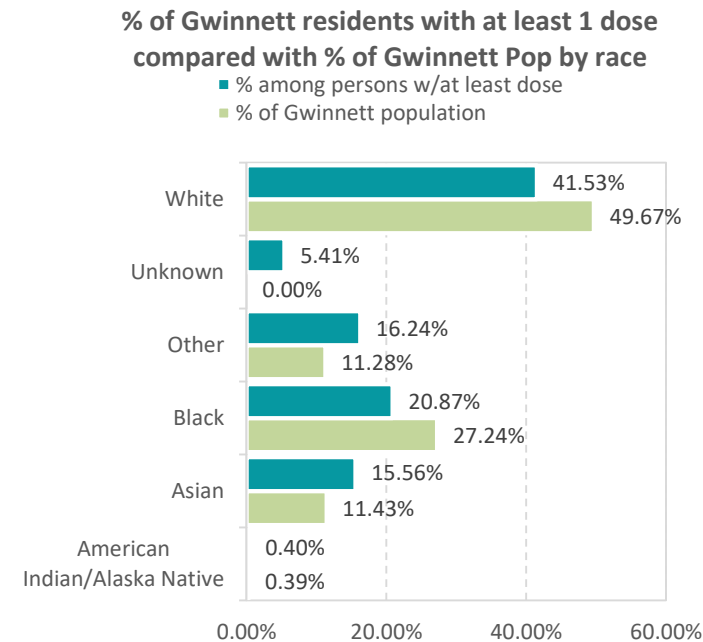
Data as of 1pm October 28, 2021



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.

537,374 (58.7%) Residents have received at least one dose.
492,736 (53.8%) Residents are fully vaccinated.

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

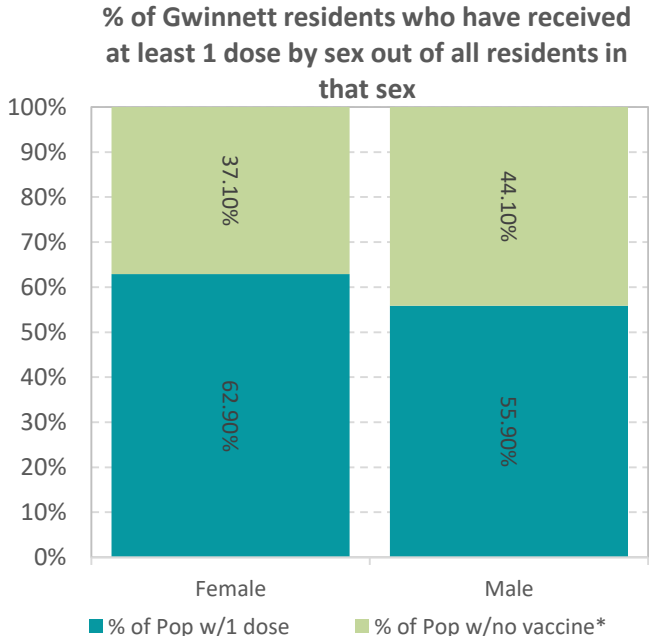
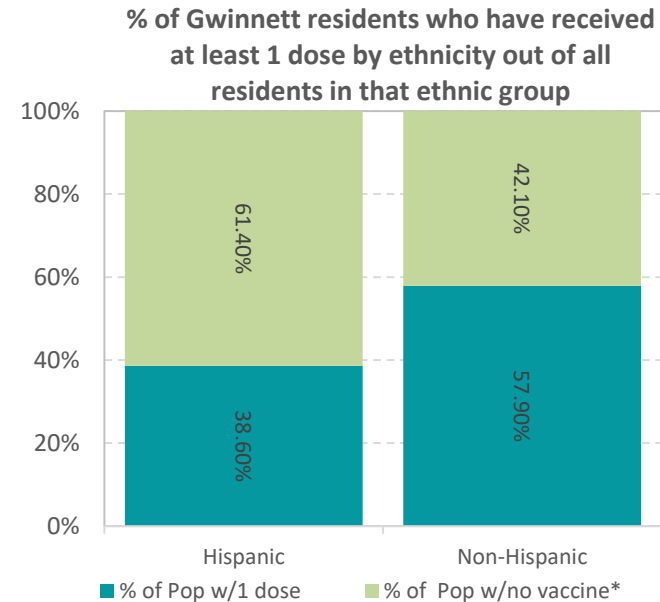
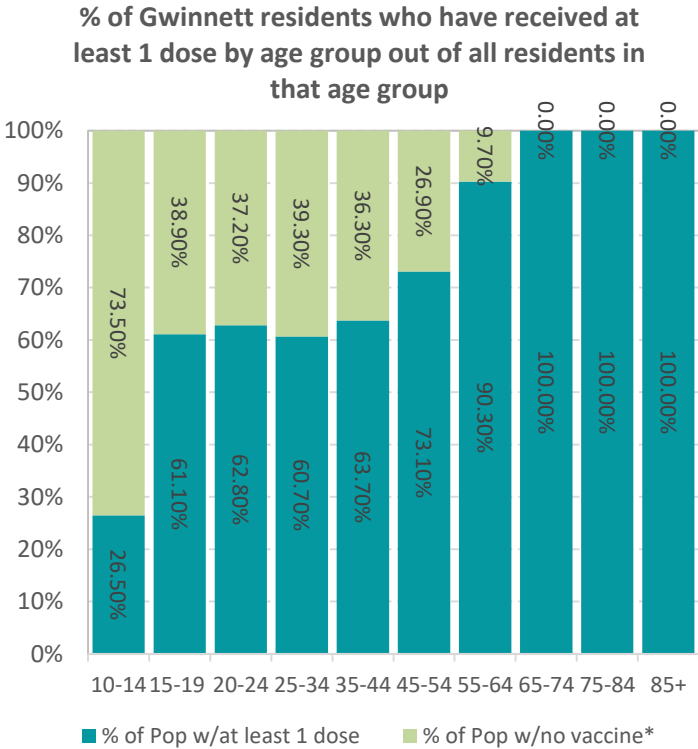
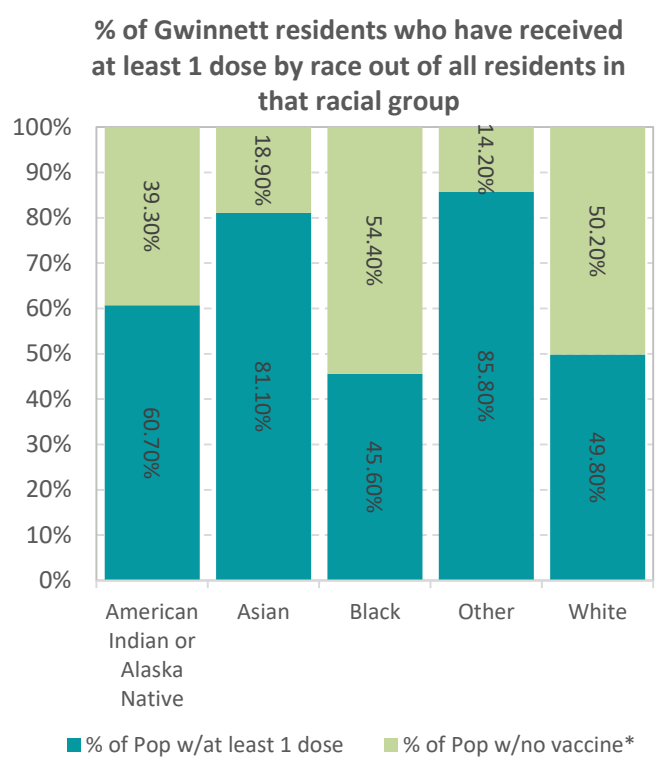


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, data as of 1pm October 28, 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 October 28, 2021

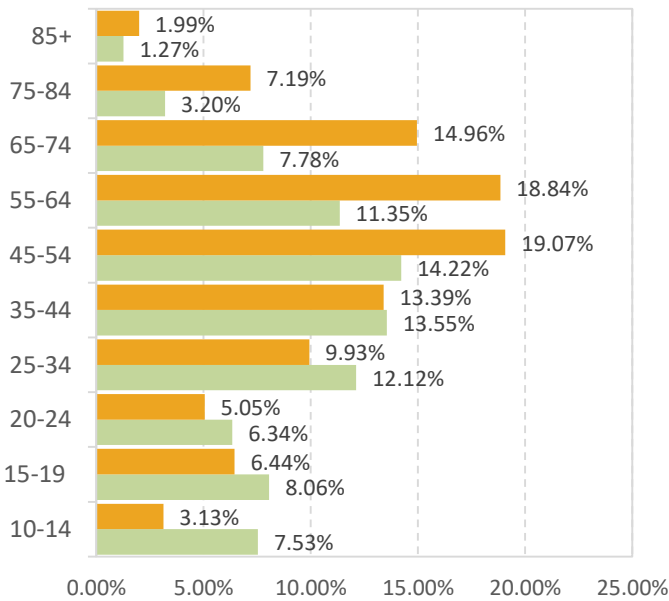


The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar 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.

49,930 (46.2%) Residents have received at least one dose.
45,168 (41.8%) Residents are fully vaccinated.

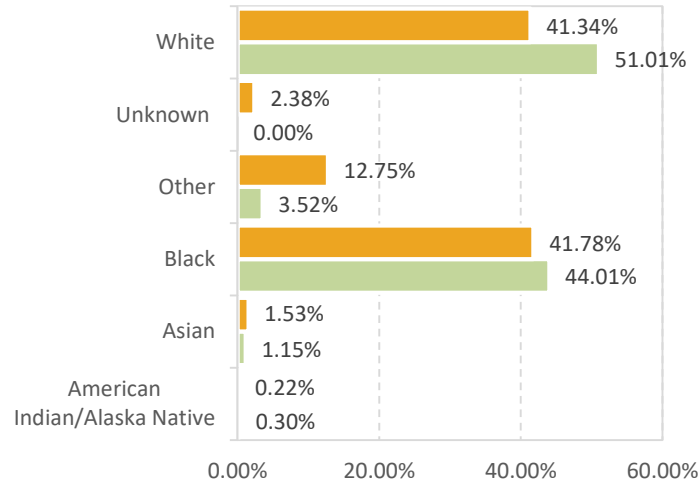
% Newton residents with at least 1 dose compared with % of Newton Pop by age group

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



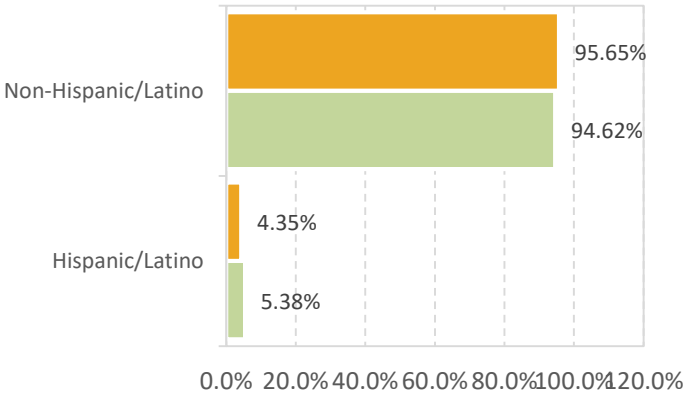
% Newton residents with at least 1 dose compared with % of Newton Pop by race

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



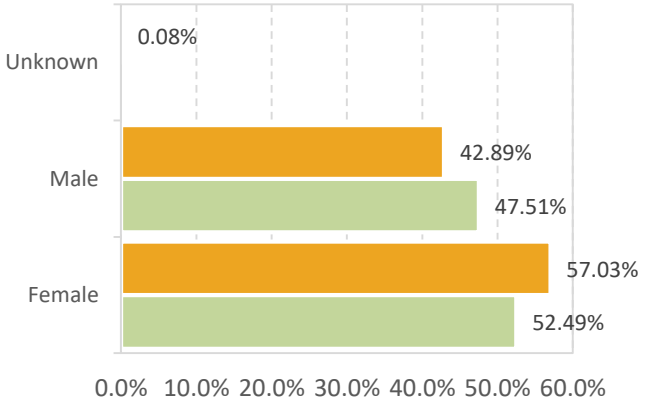
% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity

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



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

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

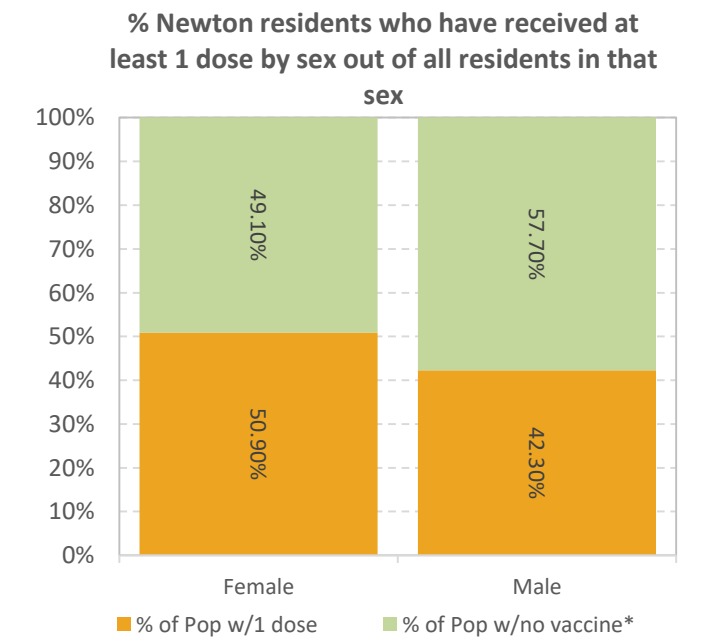
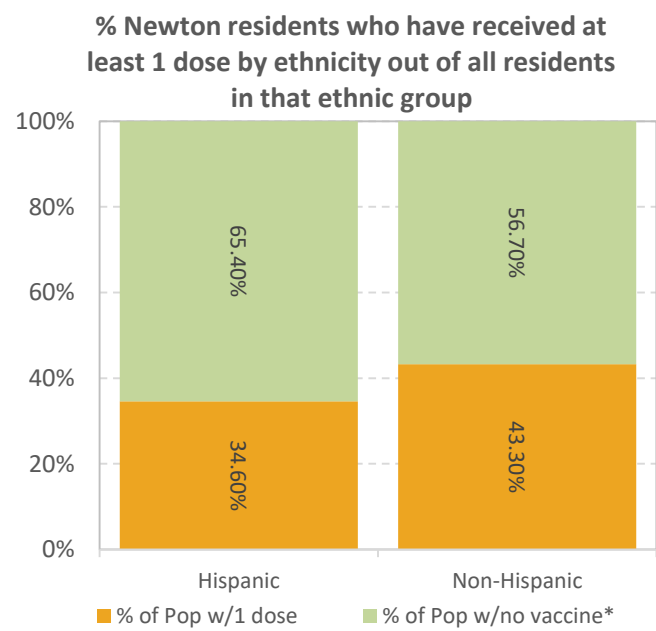
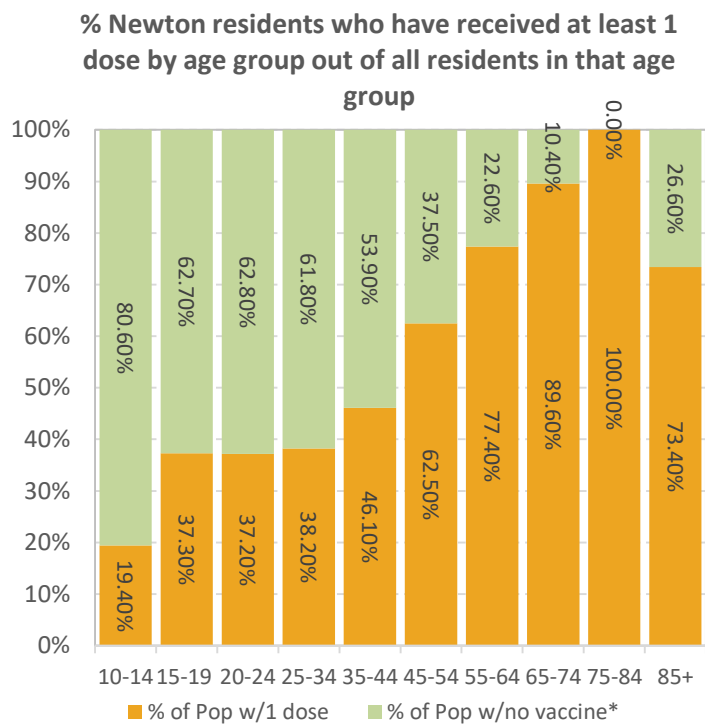
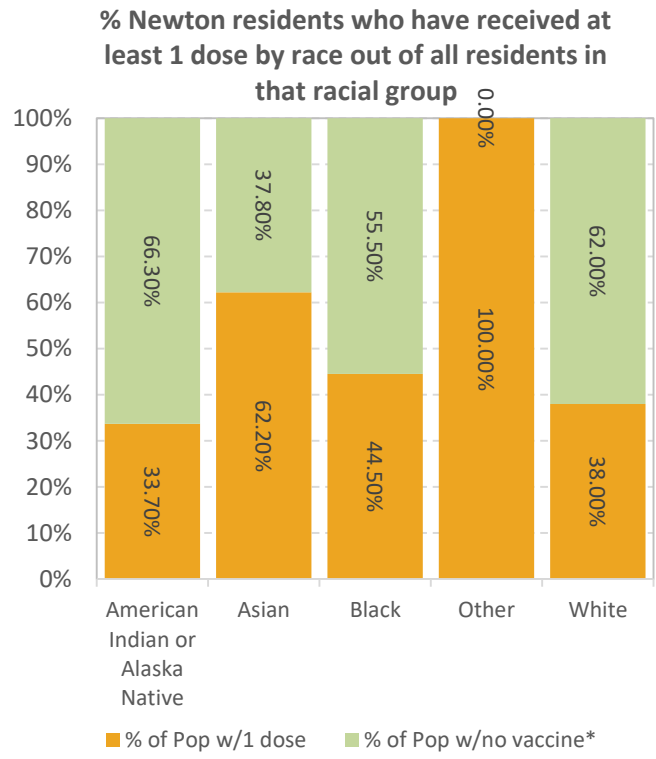


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm October 28, 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

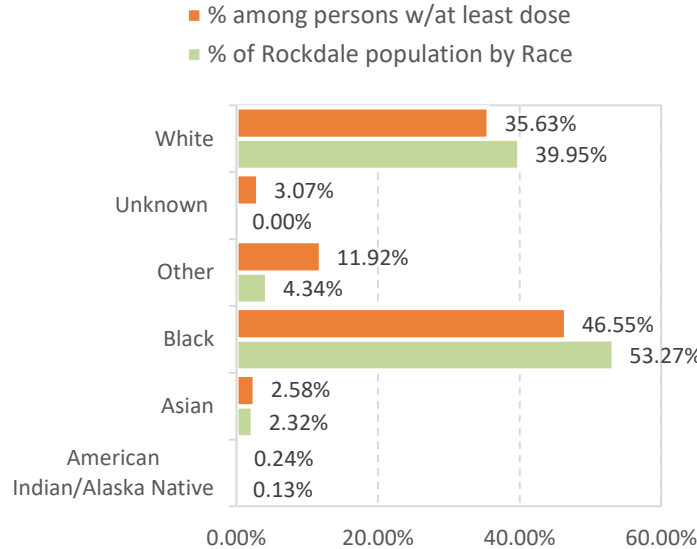
Data as of 1pm October 28, 2021



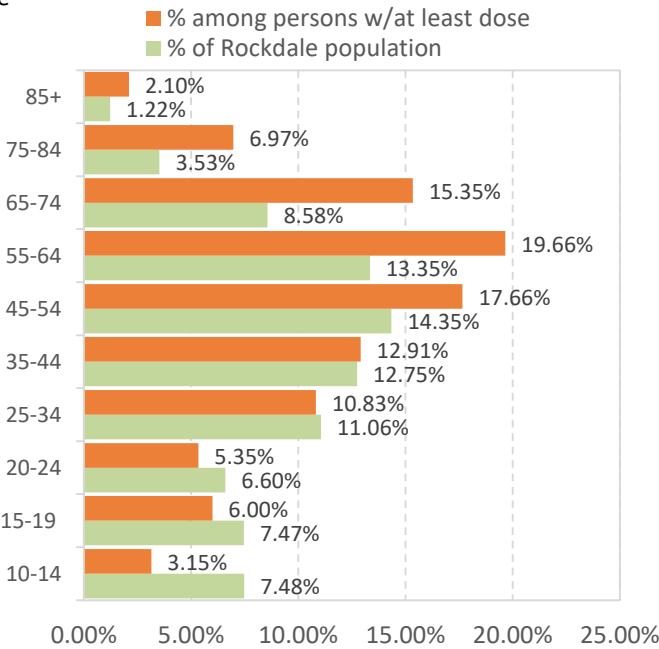
The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange 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.

48,558 (54.1%) Residents have received at least one dose.
44,119 (49.2%) Residents are fully vaccinated.

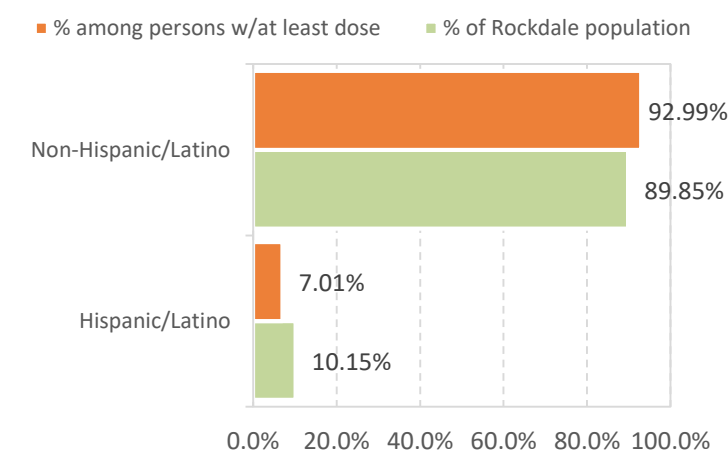
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race



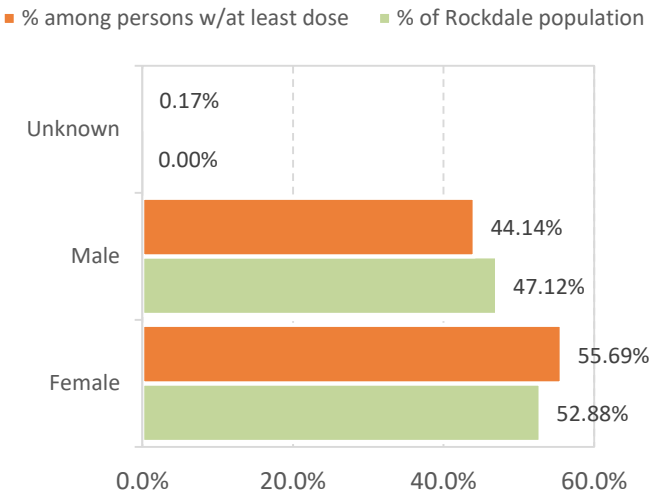
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group



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



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

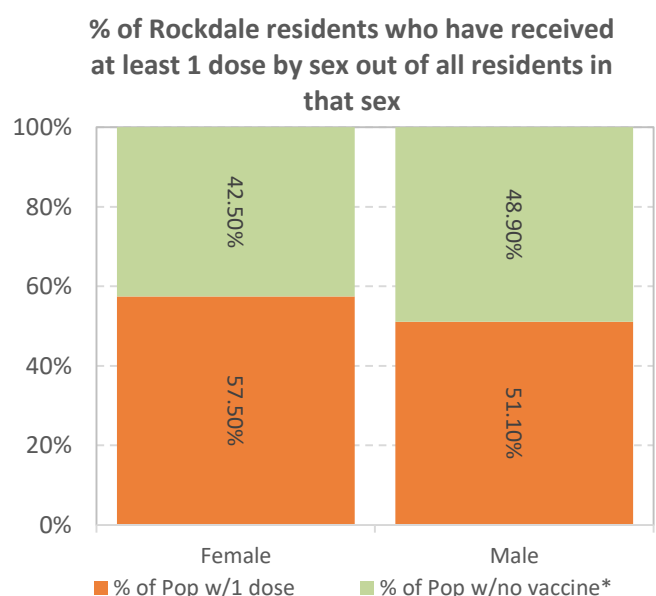
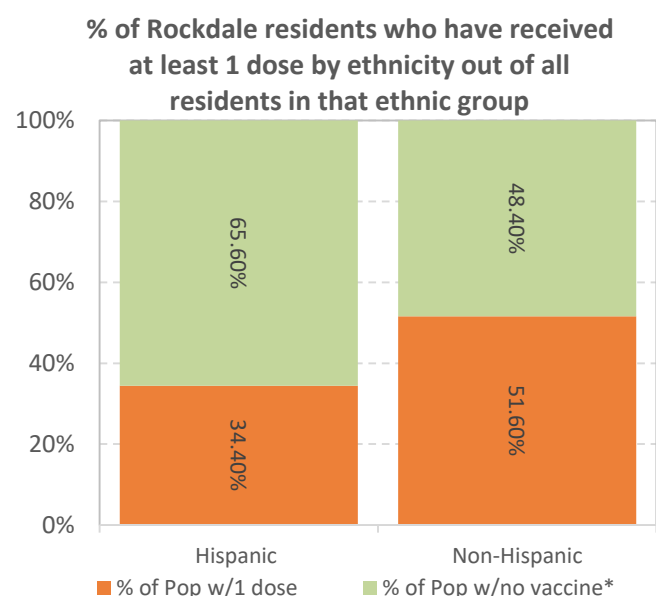
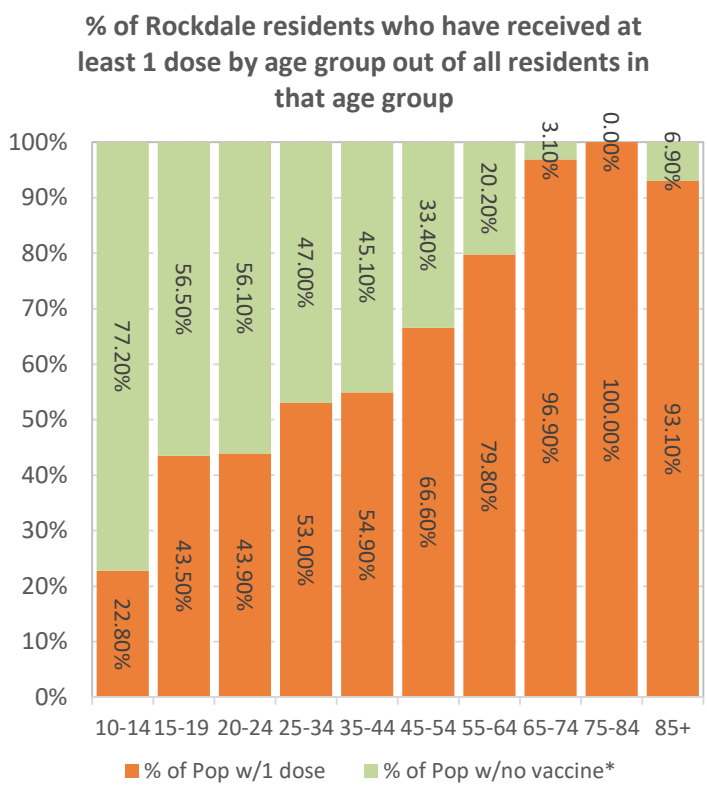
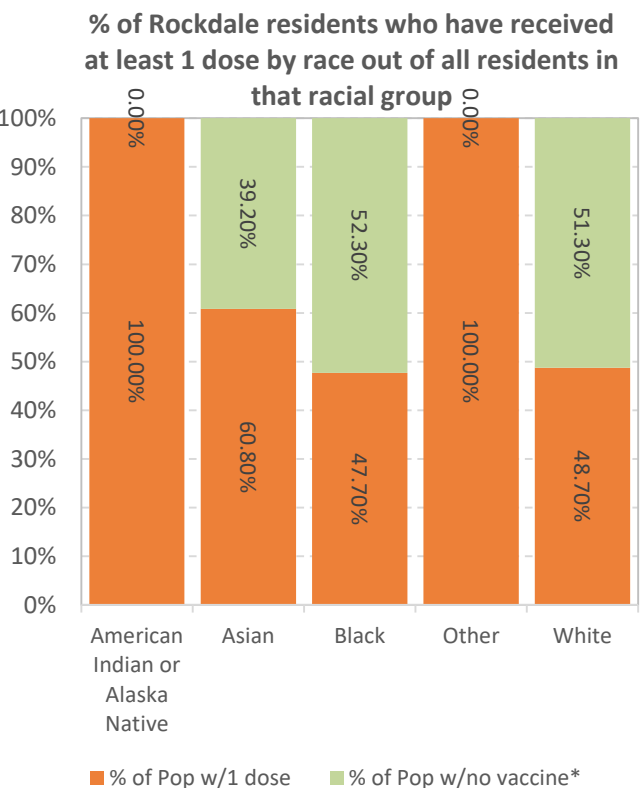


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm October 21, 2021

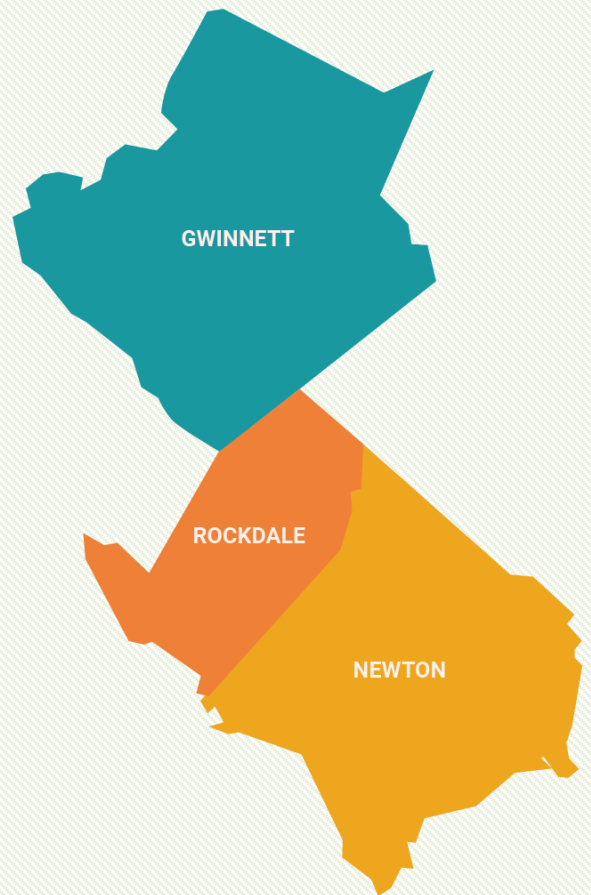
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage 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 October 28,
2021*



Epidemiology Overview of Gwinnett County



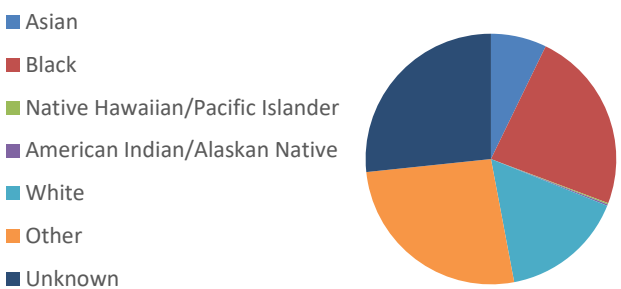
COVID-19 County Overview, data as of 1pm October 28, 2021

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.

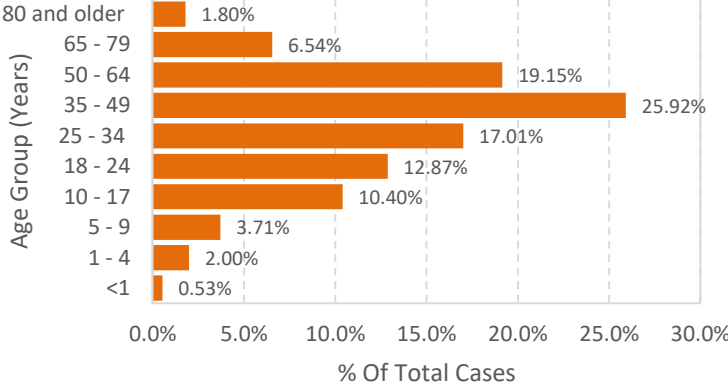
In Gwinnett County there has been a 0.57% increase in newly confirmed COVID-19 Cases between the week of **10/14/2021 – 10/21/2021 (N=131,238)** to **10/21/2021 – 10/28/2021 (N=131,985)**.

COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deathst (%)
Outbreak	3,959	706	4,665 267 (5.7%)
Total	110,859	21,126	131,985 1,445 (1.1%)
Illness Characteristics*† N=131,985; n=1,445			
	Among all Cases		Among Deaths
Gender			
Female	69,966 (53.0%)		670 (46.4%)
Male	61,194 (46.4%)		775 (53.6%)
Median Age (years)	37		73
Age range (years)	0 – 107		0 – 102
Total Hospitalizations	6,243 (4.7%)		1,101 (76.2%)
Total with Underlying Conditions	16,614 (46.8%)**		766 (95.3%)**
Underlying Conditions unknown	96,479		641

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



Total Cases & Deaths by Race*† N =131,985; Total Deaths n=1,445								
	Total Cases	%	Deaths	%		Total Cases	%	Deaths
Asian	8,416	6.38%	137	9.48%	White	46,227	35.02%	795
Hispanic/Latino	96	0.07%	<5	0.07%	Hispanic/Latino	12,368	9.37%	130
Non-Hispanic/ Latino	6,583	4.99%	136	9.41%	Non-Hispanic/Latino	30,366	23.01%	662
Not Specified	1,737	1.32%	0	0%	Not Specified	3,493	2.65%	<5
Black	27,517	20.85%	358	24.78%	Other	18,643	14.13%	145
Hispanic/Latino	791	0.60%	5	0.35%	Hispanic/Latino	7,184	5.44%	126
Non-Hispanic/Latino	24,179	18.32%	352	24.36%	Non-Hispanic/Latino	1,938	1.47%	19
Not Specified	2,547	1.93%	<5	0.07%	Not Specified	9,521	7.21%	0
Native Hawaiian/Pacific Islander	185	0.14%	<5	0.28%	Unknown	30,767	23.31%	6
Hispanic/Latino	61	0.05%	<5	0.14%	Hispanic/Latino	6,062	4.59%	<5
Non-Hispanic/Latino	94	0.07%	<5	0.14%	Non-Hispanic/Latino	1,773	1.34%	0
Not Specified	30	0.02%	0	0%	Not Specified	22,932	17.37%	<5
American Indian/Alaskan Native	230	0.17%	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	89	0.07%	0	0%				
Non-Hispanic/Latino	90	0.07%	0	0%				
Not Specified	51	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 of Newton County

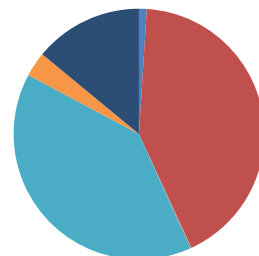
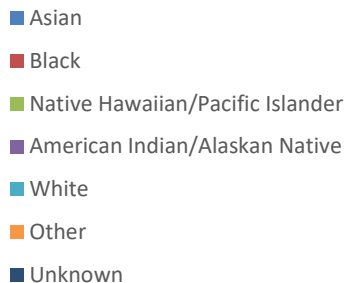


COVID-19 County Overview, data as of 1pm October 28, 2021

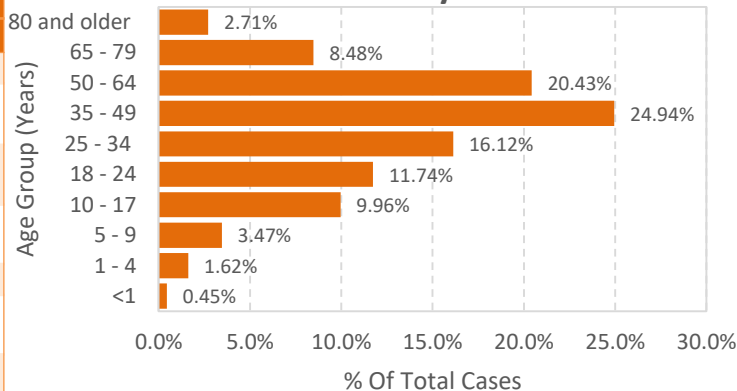
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 0.58% increase in newly confirmed COVID-19 Cases between the week of **10/14/2021 – 10/21/2021 (N=16,081)** to **10/21/2021 – 10/28/2021 (N=16,174)**.

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)
Outbreak	555	160	715	84 (11.7%)
Total	11,044	5,130	16,174	344 (2.1%)
Illness Characteristics*† N=16,174; n=344				
	Among all Cases		Among Deaths	
Gender				
Female	8,995 (55.6%)		166 (48.3%)	
Male	7,114 (44.0%)		178 (51.7%)	
Median Age (years)	39		71	
Age range (years)	0 – 102		21 – 100	
Total Hospitalizations	1,191 (7.4%)		214 (62.2%)	
Total with Underlying Conditions	2,342 (54.7%)**		179 (96.8%)**	
Underlying Conditions unknown	11,892		159	

Total Cases & Deaths by Race*† N =16,174; Total Deaths n=344

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	162	1.00%	<5	0.87%	White	6,388	39.50%	199	57.85%
Hispanic/Latino	5	0.03%	0	0%	Hispanic/Latino	452	2.79%	5	1.45%
Non-Hispanic/ Latino	141	0.87%	<5	0.87%	Non-Hispanic/Latino	5,489	33.94%	194	56.40%
Not Specified	16	0.10%	0	0%	Not Specified	447	2.76%	0	0%
Black	6,813	42.12%	137	39.83%	Other	515	3.18%	<5	1.16%
Hispanic/Latino	100	0.62%	0	0%	Hispanic/Latino	173	1.07%	<5	0.87%
Non-Hispanic/Latino	6,198	38.32%	137	39.83%	Non-Hispanic/Latino	177	1.09%	<5	0.29%
Not Specified	515	3.18%	0	0%	Not Specified	165	1.02%	0	0%
Native Hawaiian/Pacific Islander	12	0.07%	0	0%	Unknown	2,267	14.02%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	186	1.15%	0	0%
Non-Hispanic/Latino	10	0.06%	0	0%	Non-Hispanic/Latino	209	1.29%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,872	11.57%	0	0%
American Indian/Alaskan Native	17	0.11%	<5	0.29%	*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	0	0%	0	0%					
Non-Hispanic/Latino	11	0.07%	<5	0.29%					
Not Specified	6	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 of Rockdale County

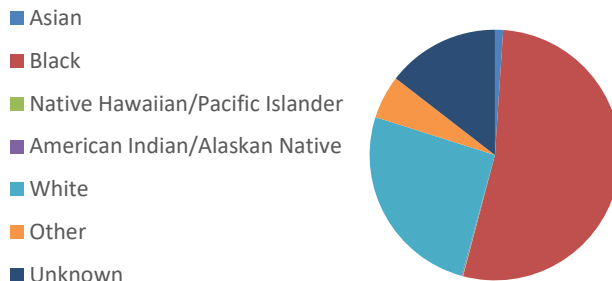


COVID-19 County Overview, data as of 1pm October 28, 2021

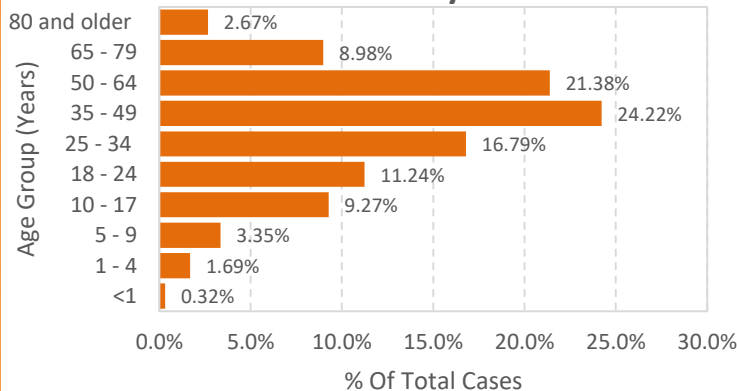
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90,896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 0.61% increase in newly confirmed COVID-19 Cases between the week of **10/14/2021 – 10/21/2021 (N=11,247) to 10/21/2021 – 10/28/2021 (N=11,316)**.

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deaths† (%)
Outbreak	417	95	512 49 (9.6%)
Total	8,889	2,427	11,316 236 (2.1%)
Illness Characteristics*† N=11,316; n=236			
	Among all Cases		Among Deaths
Gender			
Female	6,390 (56.5%)		122 (51.7%)
Male	4,878 (43.1%)		114 (48.3%)
Median Age (years)	39		73
Age range (years)	0 – 100		27 – 100
Total Hospitalizations	1,396 (12.3%)		189 (80.1%)
Total with Underlying Conditions	2,185 (61.5%)**		177 (96.7%)**
Underlying Conditions unknown	7,761		53

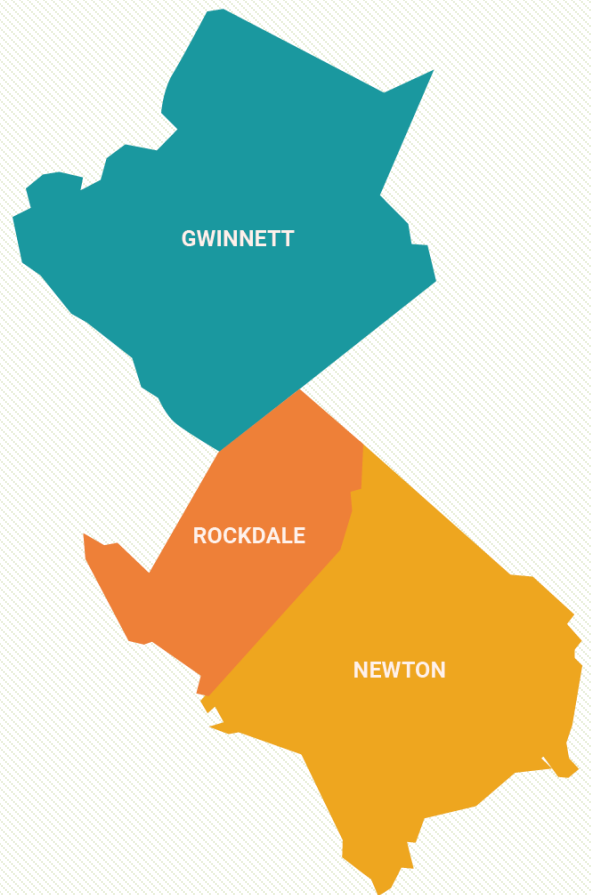
Total Cases & Deaths by Race*† N=11,316; Total Deaths n=236

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	119	1.05%	<5	1.27%	White	2,896	25.59%	120	50.85%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	479	4.23%	7	2.97%
Non-Hispanic/Latino	103	0.91%	<5	1.27%	Non-Hispanic/Latino	2,198	19.42%	113	47.88%
Not Specified	15	0.13%	0	0%	Not Specified	219	1.94%	0	0%
Black	6,003	53.05%	108	45.76%	Other	632	5.59%	<5	1.69%
Hispanic/Latino	98	0.87%	0	0%	Hispanic/Latino	322	2.85%	<5	1.69%
Non-Hispanic/Latino	5,424	47.93%	108	45.76%	Non-Hispanic/Latino	141	1.25%	0	0%
Not Specified	481	4.25%	0	0%	Not Specified	169	1.49%	0	0%
Native Hawaiian/Pacific Islander	10	0.09%	0	0%	Unknown	1,643	14.52%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	221	1.95%	0	0%
Non-Hispanic/Latino	8	0.07%	0	0%	Non-Hispanic/Latino	157	1.39%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,265	11.18%	0	0%
American Indian/Alaskan Native	13	0.11%	<5	0.42%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and probable cases				
Hispanic/Latino	<5	0.02%	0	0%					
Non-Hispanic/Latino	9	0.08%	<5	0.42%					
Not Specified	<5	0.02%	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 October 28,
2021



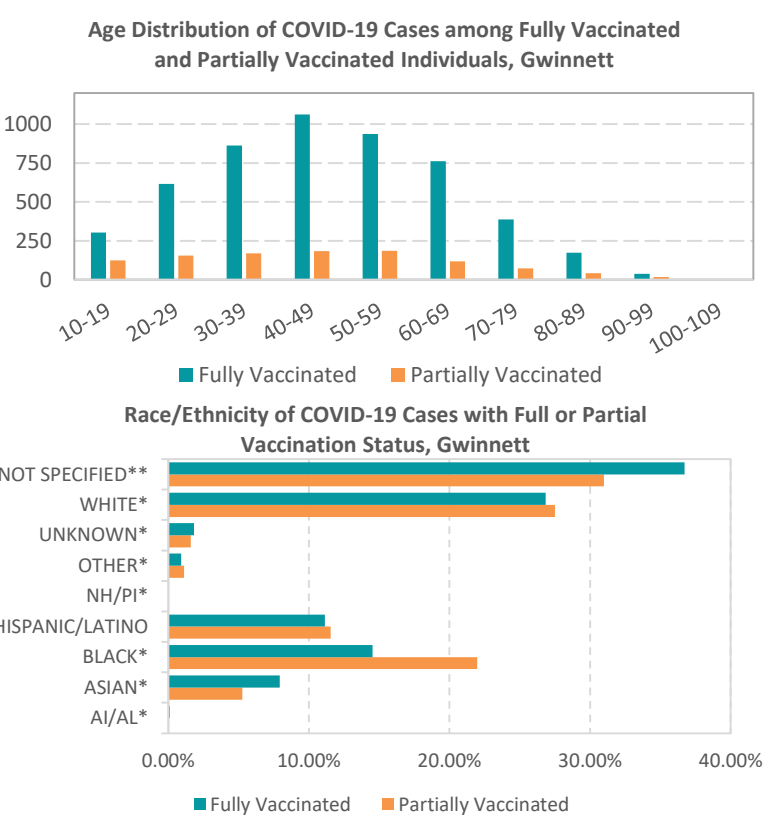
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am October 28, 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** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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.



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	13 (0.3%)	<5 (0.3%)	0 (0%)	0 (0%)
Asian	496 (9.6%)	63 (5.9%)	<5 (11.1%)	9 (18.0%)
Black	859 (16.7%)	269 (25.3%)	<5 (14.8%)	6 (12.0%)
Native Hawaiian/Pacific Islander	7 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	314 (6.1%)	69 (6.5%)	<5 (14.8%)	<5 (2.0%)
Unknown	1,660 (32.2%)	277 (26.0%)	0 (0%)	0 (0%)
White	1,800 (35.0%)	383 (36.0%)	16 (59.3%)	34 (68.0%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	573 (11.1%)	123 (11.6%)	<5 (3.7%)	<5 (4.0%)
Non-Hispanic/Latino	2,686 (52.2%)	612 (57.5%)	26 (96.3%)	48 (96.0%)
Not Specified	1,890 (36.7%)	330 (31.0%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths				
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	5,149 (7.1%)	1,065 (1.5%)	65,852 (91.4%)	72,066
Deaths	27 (4.1%)	50 (7.6%)	580 (88.3%)	657
Illness Characteristics N=5,149 n=27				
Fully Vaccinated		Cases	Deaths	
Gender				
	Female	3,017 (58.6%)	15 (55.6%)	
	Male	2,132 (41.4%)	12 (44.4%)	
Median Age (years)		47	79	
Age range (years)		12-101	42-95	
Median of days between last dose and test date		139	148	
Range of days between last dose and test date		15-346	17-228	
Outbreak related		182	10	
Hospitalizations		141 (2.7%)	19 (70.4%)	
Illness Characteristics N=1,065 n=50				
Partially Vaccinated		Cases	Deaths	
Gender				
	Female	606 (56.9%)	24 (48.0%)	
	Male	459 (43.1%)	26 (52.0%)	
Median Age (years)		44	81	
Age range (years)		12-96	33-95	
Median of days between last dose and test date		14	11	
Range of days between last dose and test date		0-282	2-192	
Outbreak related		47	6	
Hospitalizations		83 (7.8%)	36 (72.0%)	

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

NH/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

Gwinnett, Newton, & Rockdale County Health Departments

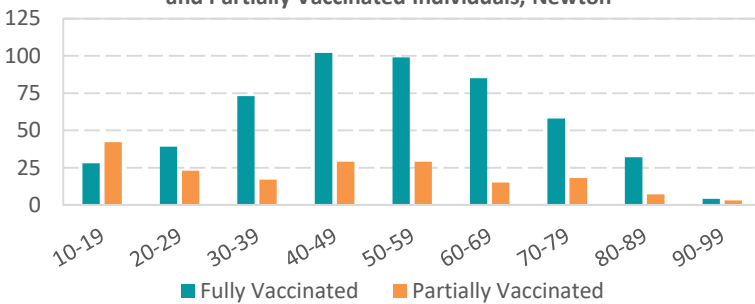


COVID-19 Cases among Vaccinated Newton Residents, data as of 8am October 28, 2021

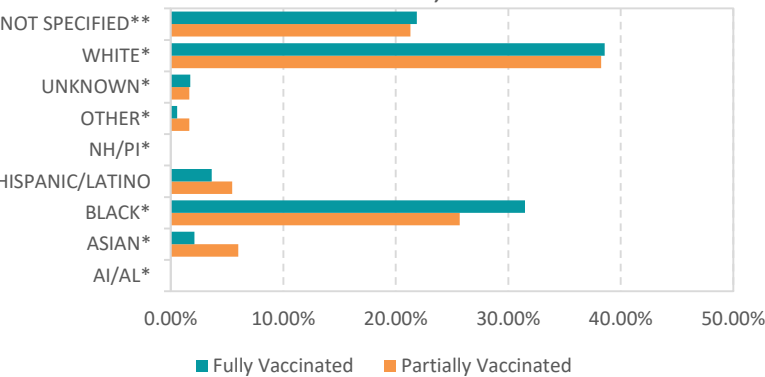
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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



Race/Ethnicity of COVID-19 Cases with Full or Partial Vaccination Status, Newton



COVID-19 Cases & Deaths

	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	521 (5.3%)	183 (1.8%)	9,226 (92.9%)	9,930
Deaths	7 (4.5%)	10 (6.4%)	139 (89.1%)	156

Illness Characteristics N=521 n=7

Fully Vaccinated	Cases	Deaths
Gender		
Female	330 (63.3%)	5 (71.4%)
Male	191 (36.7%)	<5 (28.6%)
Median Age (years)	51	70
Age range (years)	12-93	37-76
Median of days between last dose and test date	129	123
Range of days between last dose and test date	15-301	92-223
Outbreak related	14	0
Hospitalizations	49 (9.4%)	7 (100%)

Illness Characteristics N=183 n=10

Partially Vaccinated	Cases	Deaths
Gender		
Female	107 (58.5%)	6 (60.0%)
Male	76 (41.5%)	<5 (40.0%)
Median Age (years)	42	77
Age range (years)	12-94	56-93
Median of days between last dose and test date	10	11
Range of days between last dose and test date	0-251	1-153
Outbreak related	11	<5
Hospitalizations	31 (16.9%)	8 (80.0%)

Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Asian	13 (2.5%)	11 (6.0%)	0 (0%)	<5 (10.0%)
Black	181 (34.7%)	53 (29.0%)	<5 (42.9%)	6 (60.0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	6 (1.2%)	8 (4.4%)	0 (0%)	0 (0%)
Unknown	96 (18.4%)	31 (16.9%)	0 (0%)	0 (0%)
White	225 (43.2%)	80 (43.7%)	<5 (57.1%)	<5 (30.0%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	19 (3.7%)	10 (5.5%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	388 (74.5%)	134 (73.2%)	7 (100.0%)	10 (100.0%)
Not Specified	114 (21.9%)	39 (21.3%)	0 (0%)	0 (0%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

NH/PI = Native Hawaiian/Pacific Islander

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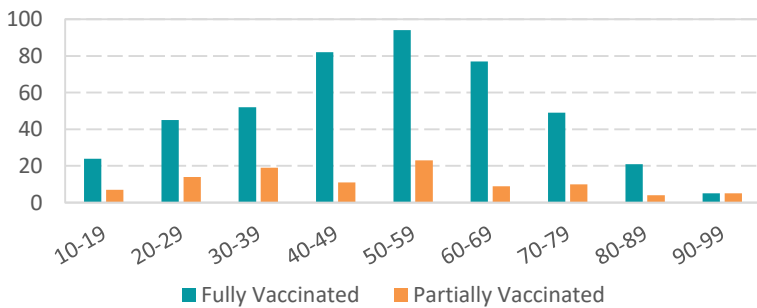
Gwinnett, Newton, & Rockdale County Health Departments

COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am October 28, 2021

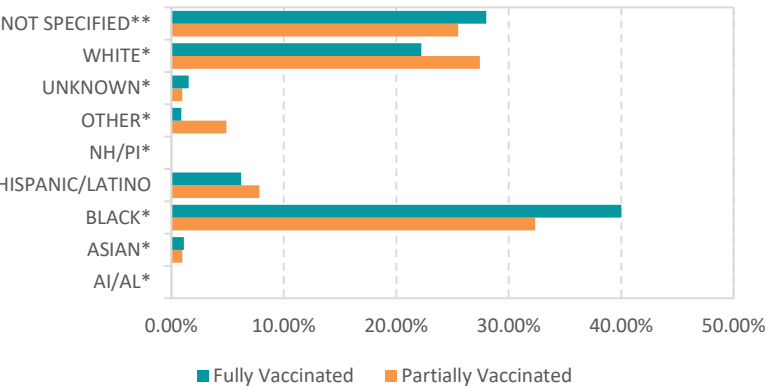
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination 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 both 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



Race/Ethnicity of COVID-19 Cases with Full or Partial Vaccination Status, Rockdale



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Asian	5 (1.1%)	<5 (1.0%)	0 (0%)	<5 (8.3%)
Black	202 (44.9%)	42 (41.2%)	5 (41.7%)	5 (41.7%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	17 (3.8%)	10 (9.8%)	0 (0%)	0(0%)
Unknown	105 (23.3%)	17 (16.7%)	0 (0%)	0 (0%)
White	121 (26.9%)	32 (31.4%)	7 (58.3%)	6 (50.0%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	28 (6.2%)	8 (7.8%)	<5 (8.3%)	0 (0%)
Non-Hispanic/Latino	296 (65.8%)	68 (66.7%)	11 (91.7%)	12 (100.0%)
Not Specified	126 (28.0%)	26 (25.5%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths

	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	450 (6.4%)	102 (1.4%)	6,511 (92.2%)	7,063
Deaths	12 (10.7%)	12 (10.7%)	88 (78.6%)	112

Illness Characteristics N=450 n=12

Fully Vaccinated	Cases	Deaths
Gender		
Female	293 (65.1%)	8 (66.7%)
Male	157 (34.9%)	<5 (33.3%)
Median Age (years)	51	76
Age range (years)	12-92	50-91
Median of days between last dose and test date	134	135
Range of days between last dose and test date	15-275	67-201
Outbreak related	11	0
Hospitalizations	54 (12.0%)	9 (75.0%)

Illness Characteristics N=102 n=12

Partially Vaccinated	Cases	Deaths
Gender		
Female	58 (56.9%)	6 (50.0%)
Male	44 (43.1%)	6 (50.0%)
Median Age (years)	50	85
Age range (years)	12-99	57-99
Median of days between last dose and test date	12	15
Range of days between last dose and test date	1-288	3-260
Outbreak related	11	5
Hospitalizations	17 (16.7%)	8 (66.7%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

NH/PI = Native Hawaiian/Pacific Islander

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