

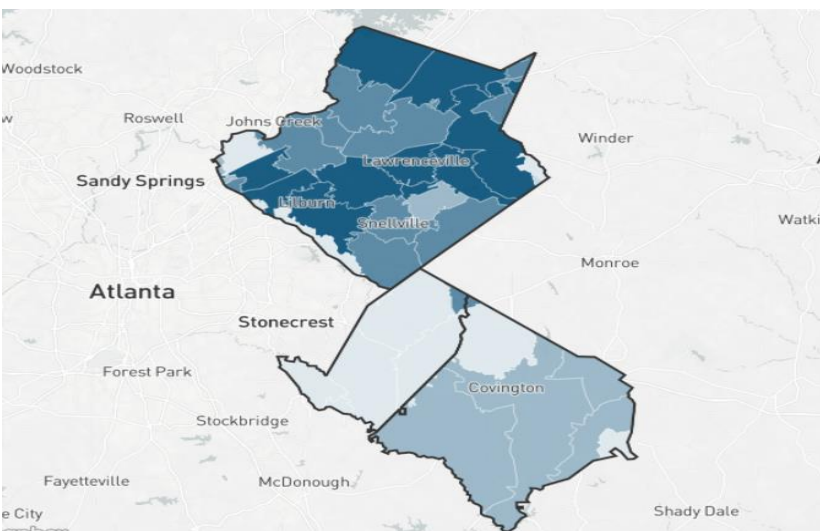
Gwinnett, Newton, & Rockdale County Health Departments



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



Total Positivity	Georgia	Gwinnett	Newton	Rockdale
Total Tests [†]	14,812,898	1,249,019	147,501	115,782
Total Positive [†]	1,534,789 (10.4%)	135,779 (10.9%)	16,815 (11.4%)	11,977 (10.3%)
Seven Day ^{***}	21,755 (9.6%)	2,422 (9.6%)	250 (12.8%)	233 (12.6%)

COVID-19 Cases & Deaths*					
	Confirmed Cases	Probable Cases	Total Cases†	Total Deaths† (%)	
A	Gwinnett	106,174	20,351	126,525	1,344(1.1%)
	Newton	10,651	4,920	15,571	311 (2.0%)
n	Rockdale	8,574	2,319	10,893	216 (2.0%)
	Total	125,399	27,590	152,989	1,871 (1.2%)
Illness Characteristics*† N=152,998 n=1,871					
			Among all Cases	Among Deaths	
Gender					
	Female	81,999 (53.6%)		880 (47.0%)	
	Male	70,325 (46.0%)		991 (53.0%)	
Median Age (years)		37		73	
Age range (years)		0 – 107		14 – 102	
Total Hospitalizations		8,353 (5.5%)		1,387 (74.1%)	
Total with Underlying Conditions		20,150 (48.7%)**		1,067 (96.0%)**	
Underlying Conditions unknown		111,597		759	

Total Cases & Deaths by Race* [†] N = 152,998; Total Deaths n=1,871									
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,300	5.43%	138	7.38%	White	53,305	34.84%	1,038	55.48%
Hispanic/Latino	102	0.07%	<5	0.05%	Hispanic/Latino	12,692	8.30%	133	7.11%
Non-Hispanic/ Latino	6,454	4.22%	137	7.32%	Non-Hispanic/ Latino	36,213	23.67%	901	48.16%
Not Specified	1,744	1.14%	0	0%	Not Specified	4,400	2.88%	<5	0.21%
Black	38,696	25.29%	544	29.08%	Other	19,319	12.63%	142	7.59%
Hispanic/Latino	911	0.60%	<5	0.21%	Hispanic/Latino	7,281	4.76%	129	6.89%
Non-Hispanic/ Latino	34,022	22.24%	539	28.81%	Non-Hispanic/ Latino	2,140	1.40%	13	0.69%
Not Specified	3,763	2.46%	<5	0.05%	Not Specified	9,898	6.47%	0	0%
Native Hawaiian/Pacific Islander	198	0.13%	<5	0.16%	Unknown	32,910	21.51%	<5	0.21%
Hispanic/Latino	56	0.04%	<5	0.05%	Hispanic/Latino	6,138	4.01%	<5	0.16%
Non-Hispanic/ Latino	111	0.07%	<5	0.11%	Non-Hispanic/ Latino	2,101	1.37%	0	0%
Not Specified	31	0.02%	0	0%	Not Specified	24,671	16.13%	<5	0.05%
American Indian/Alaskan Native	261	0.17%	<5	0.11%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
Hispanic/Latino	88	0.06%	0	0%	**Among patients with underlying conditions information available				
Non-Hispanic/ Latino	111	0.07%	<5	0.11%	***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 9/23/2021 – 9/29/2021.				
Not Specified	62	0.04%	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

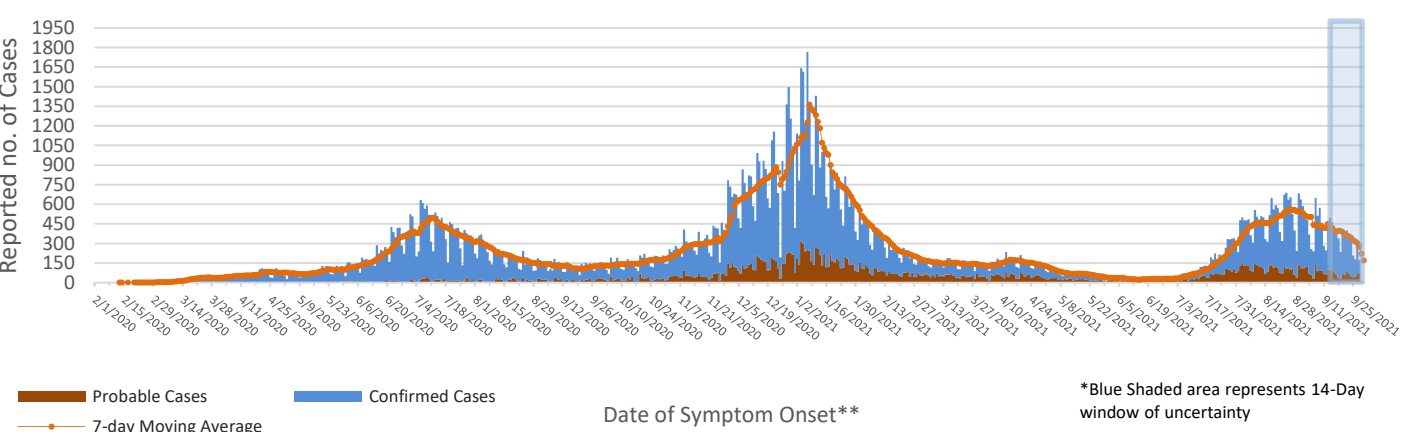


COVID-19 District Overview, data as of 1pm September 30, 2021

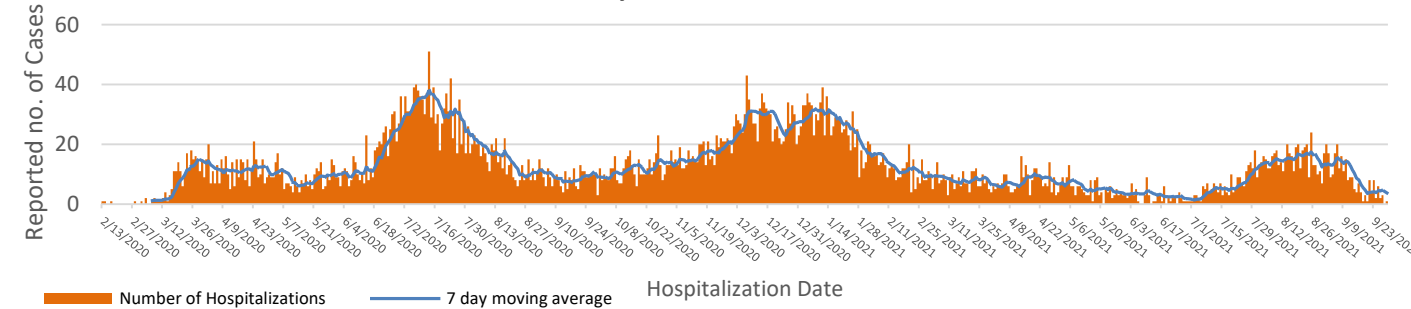
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

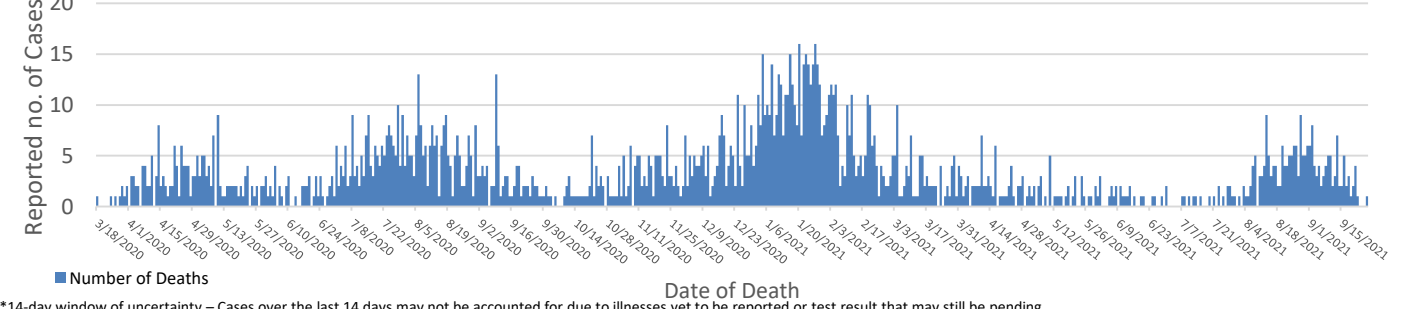
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/30/2021[†]



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

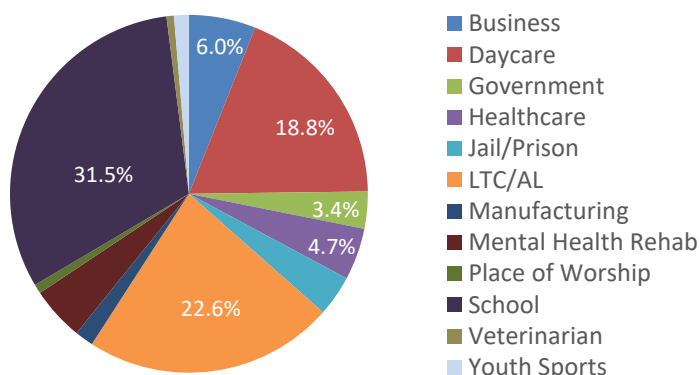
Epidemiology Overview of Outbreaks



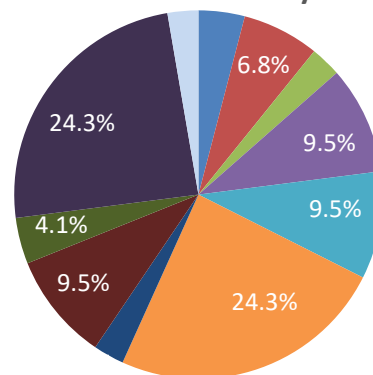
COVID-19 Snapshot, data as 1pm September 30, 2021

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.

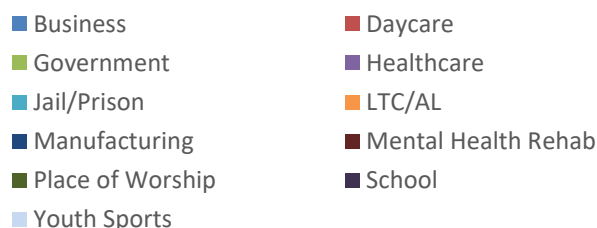
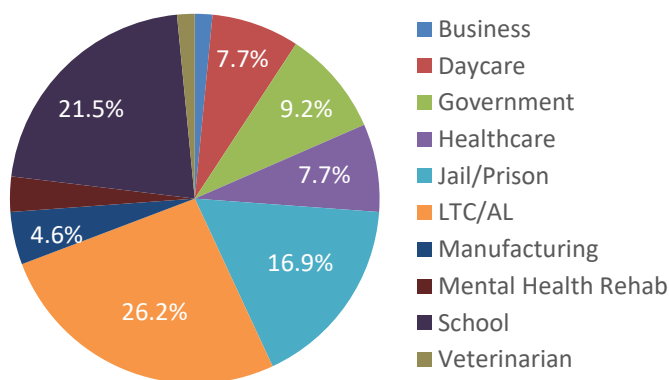
Number of Outbreaks by Facility Type for Gwinnett County



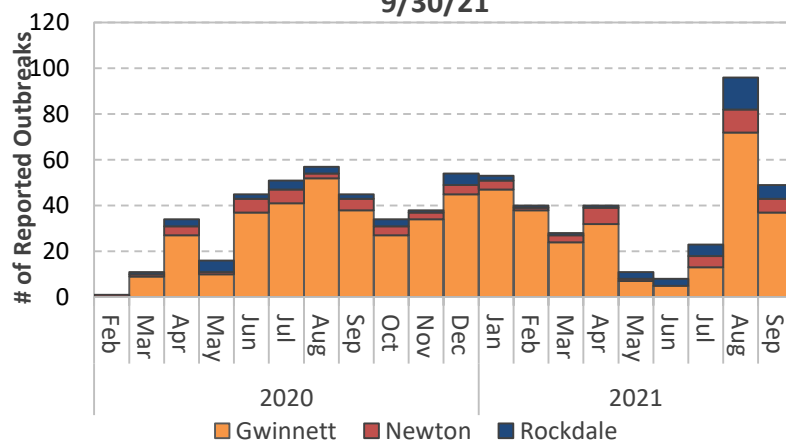
Number of Outbreaks by Facility type for Newton County



Number of Outbreaks by Facility Type for Rockdale County



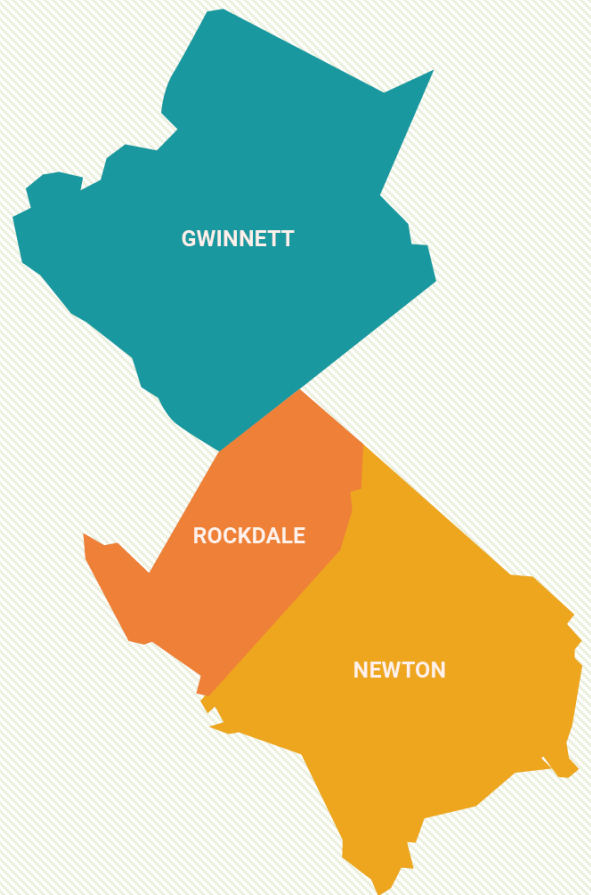
Number of Outbreaks by County Over Time, 9/30/21



Number of Outbreaks by Facility Type N=736			
Facility Type	Gwinnett n=597	Newton n=74	Rockdale n=65
Business	6.03%	4.05%	1.54%
Daycare	18.76%	6.76%	7.69%
Government	3.35%	2.70%	9.23%
Healthcare	4.69%	9.46%	7.69%
Jail/Prison	3.69%	9.46%	16.92%
LTC/AL	22.61%	24.32%	26.15%
Manufacturing	1.68%	2.70%	4.62%
Mental Health Rehab	4.86%	9.46%	3.08%
Place of Worship	0.84%	4.05%	0.00%
Schools	31.49%	24.32%	21.54%
Veterinarian	0.67%	0.00%	1.54%
Youth Sports	1.34%	2.70%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

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



Epidemiology Overview of COVID-19 Vaccinations

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

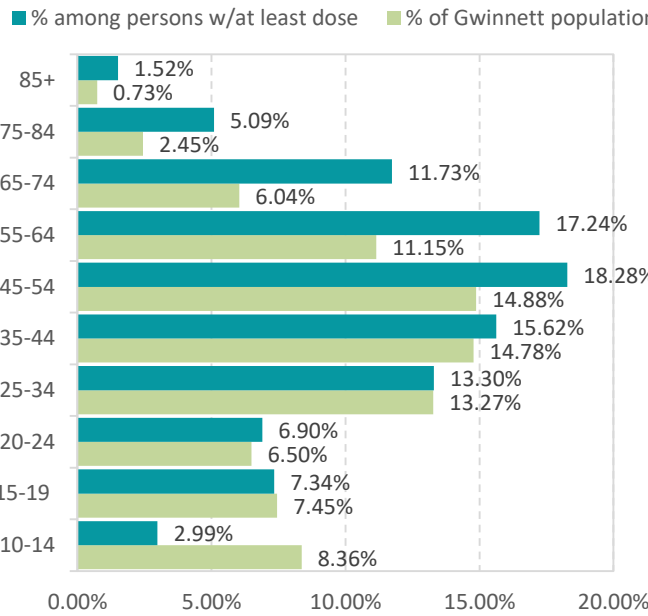
Data as of 1pm September 30, 2021



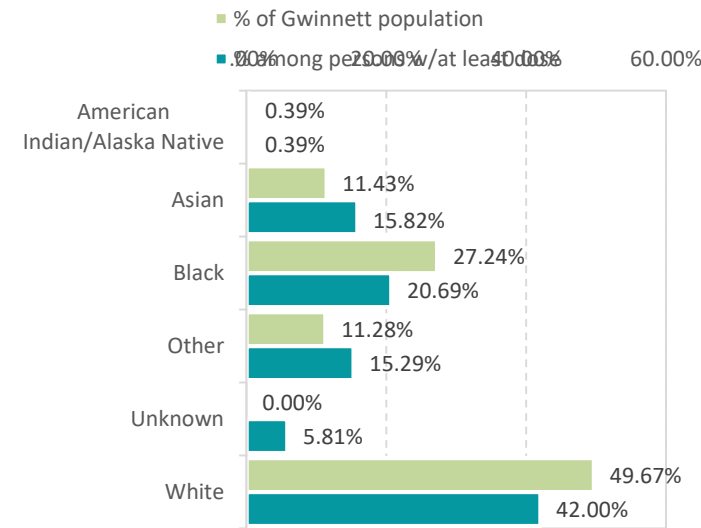
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue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

525,873 (57.5%) Residents have received at least one dose.
474,930 (51.9%) Residents are fully vaccinated.

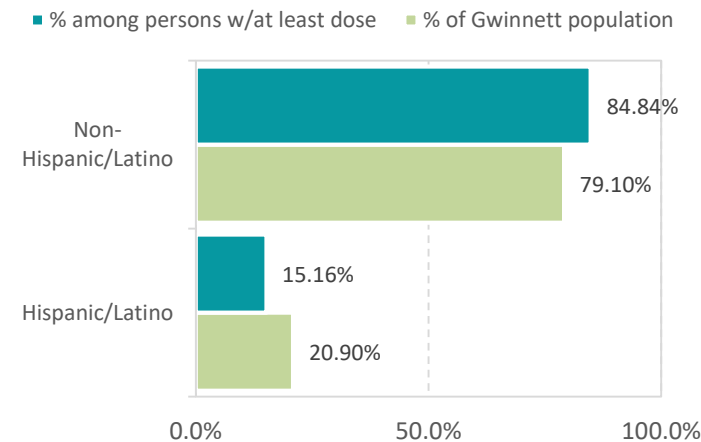
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



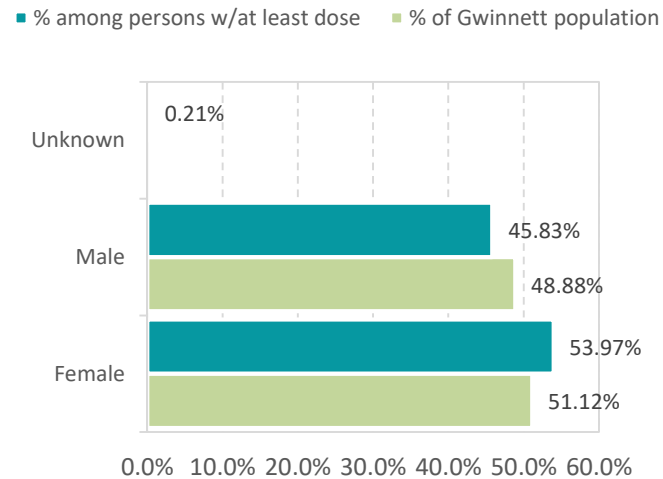
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% 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

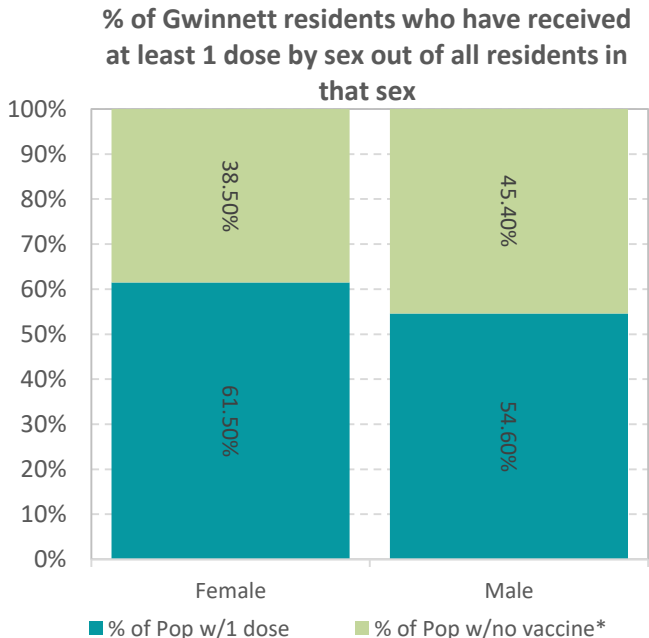
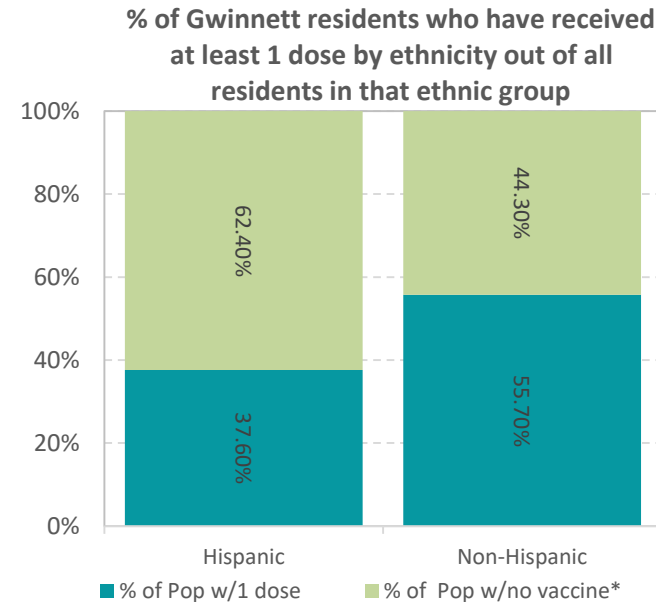
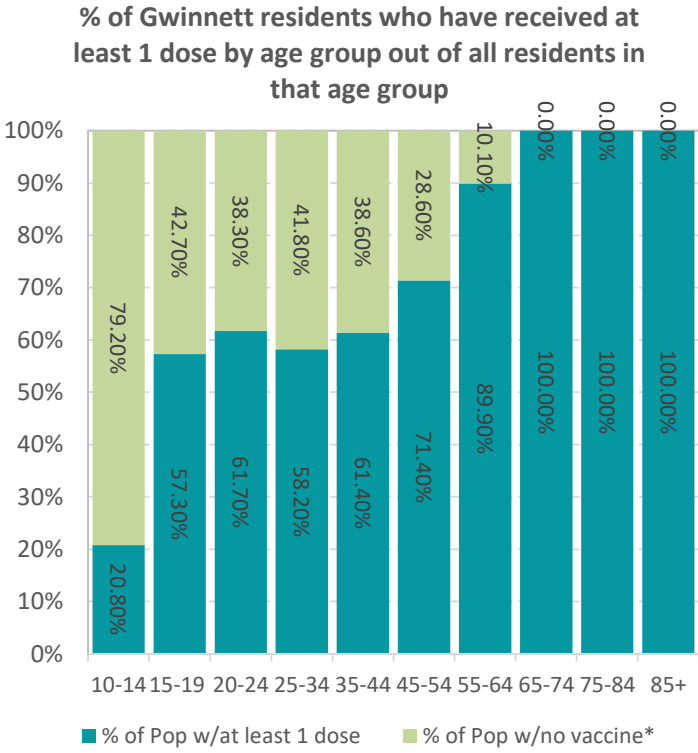
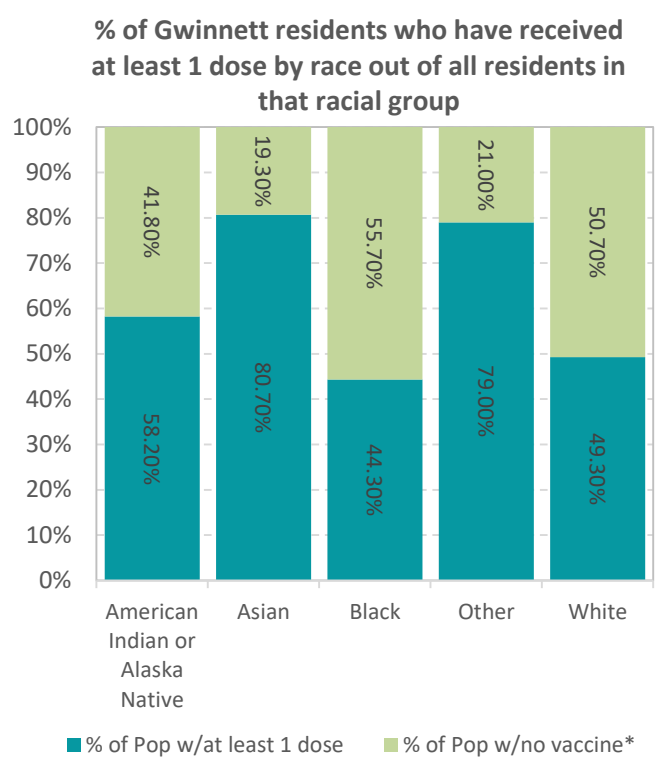


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, *data as of 1pm September 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

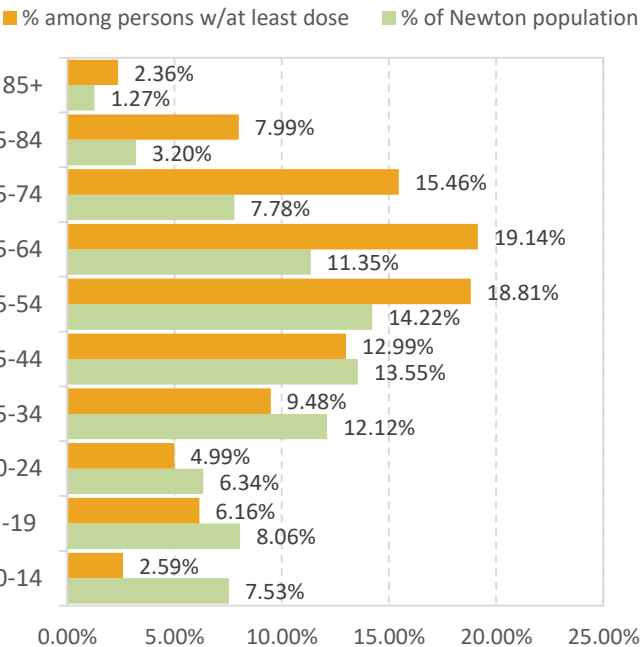
Data as of 1pm September 30, 2021



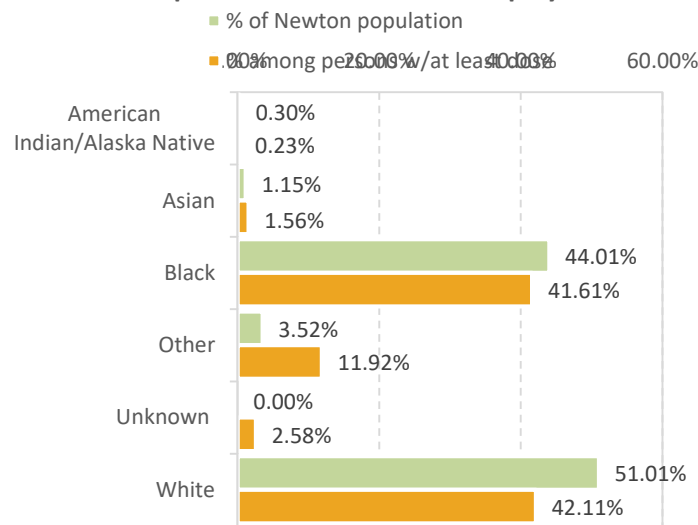
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar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

48,382 (44.8%) Residents have received at least one dose.
42,631 (39.4%) Residents are fully vaccinated.

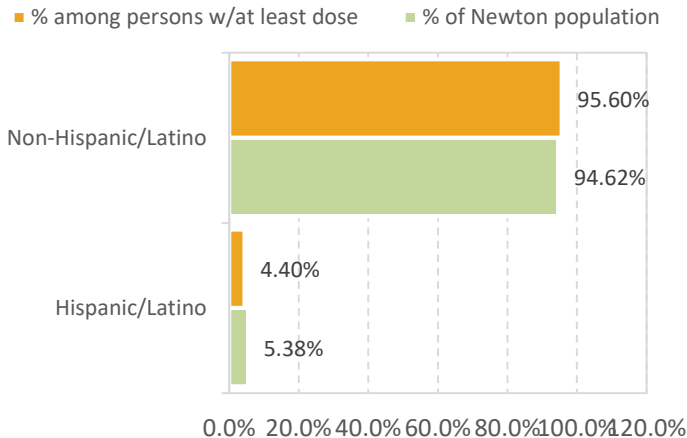
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



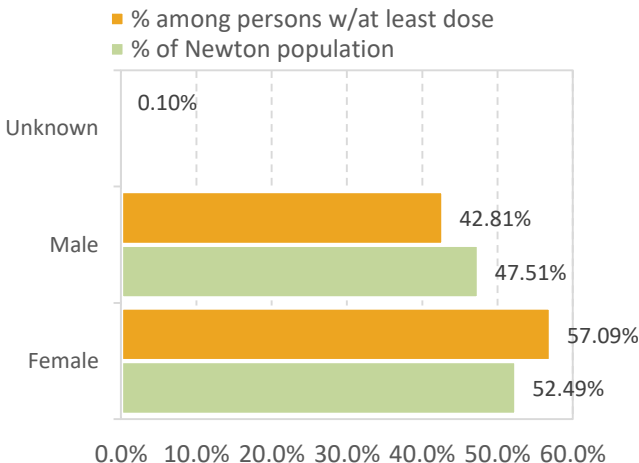
% Newton residents with at least 1 dose compared with % of Newton Pop by race



% 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

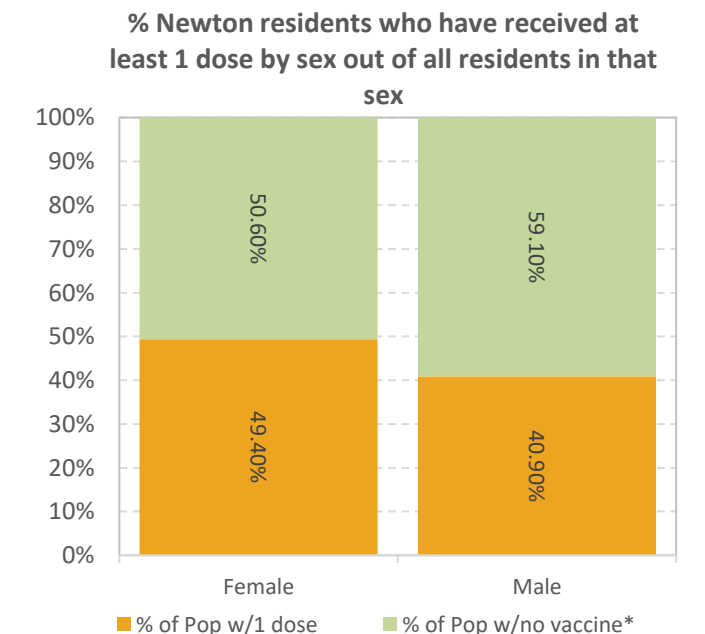
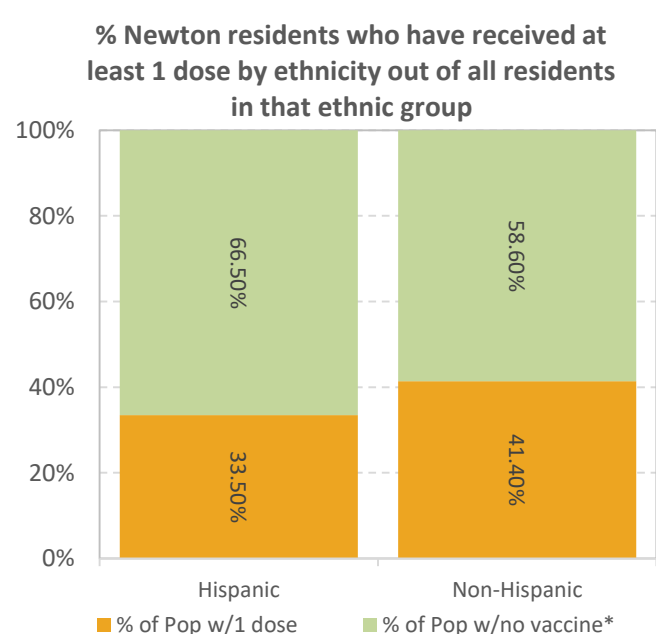
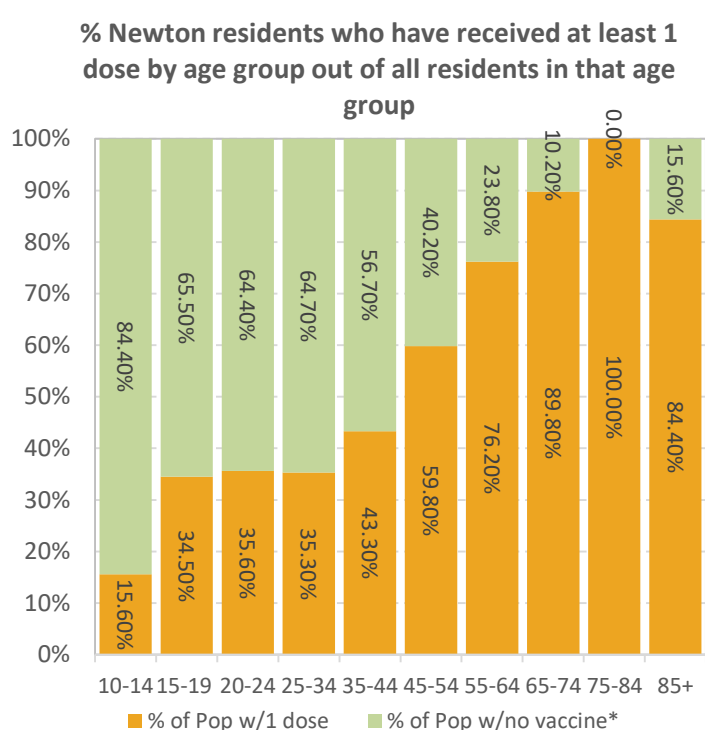
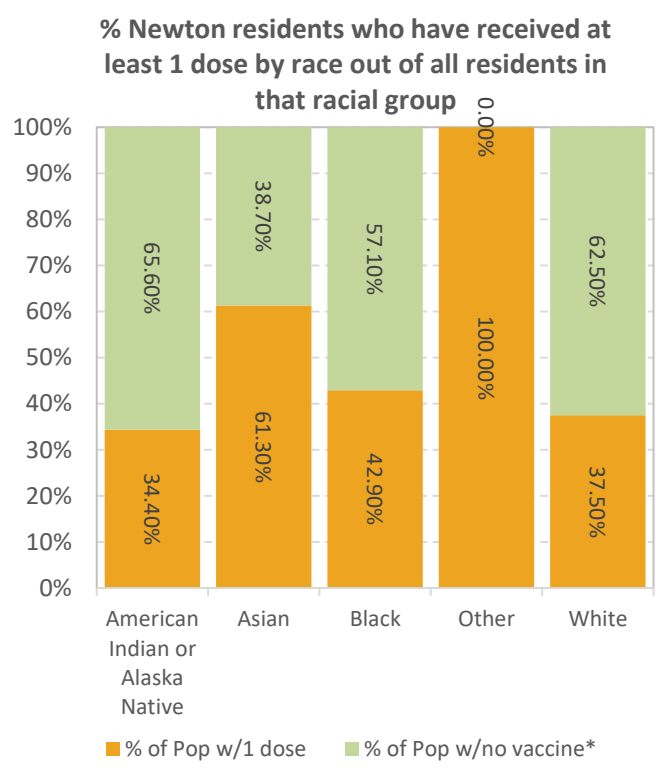


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm September 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

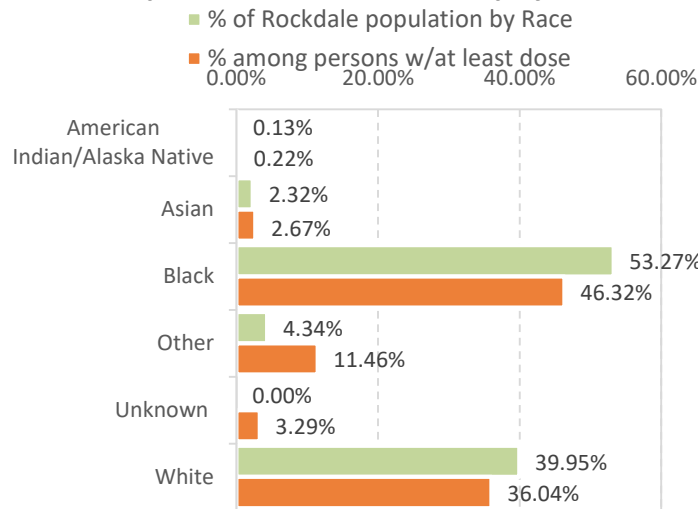
Data as of 1pm September 30, 2021



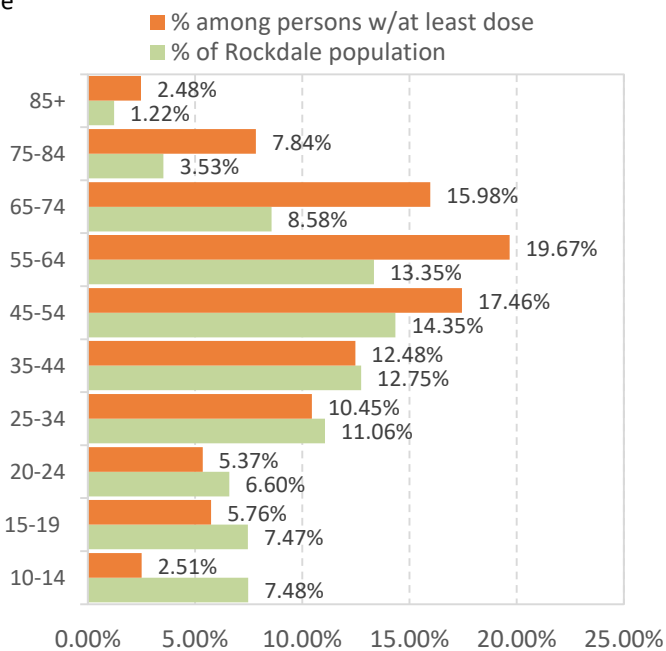
The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange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

47,114 (52.5%) Residents have received at least one dose.
41,812 (46.6%) Residents are fully vaccinated.

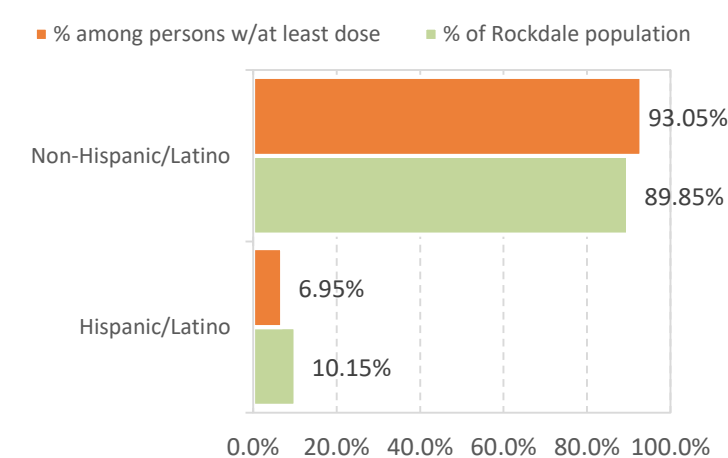
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race



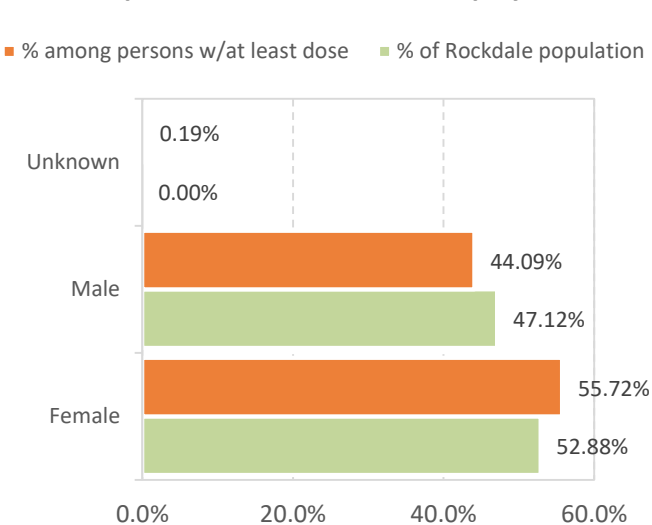
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group



% 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

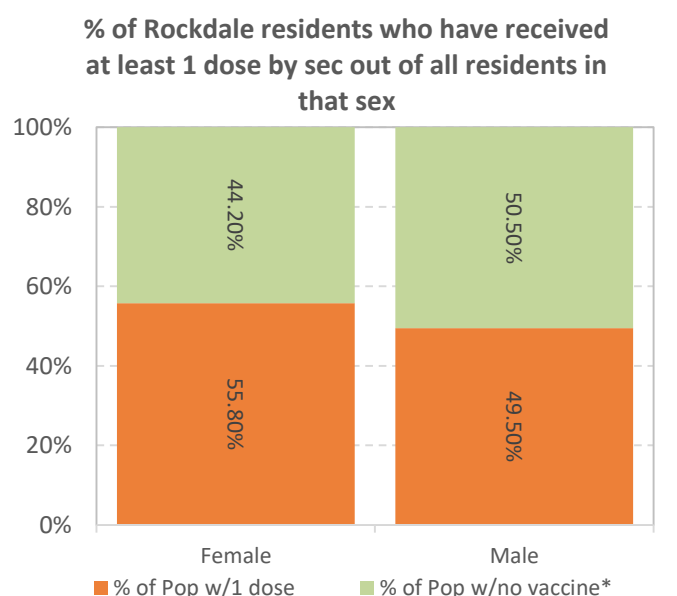
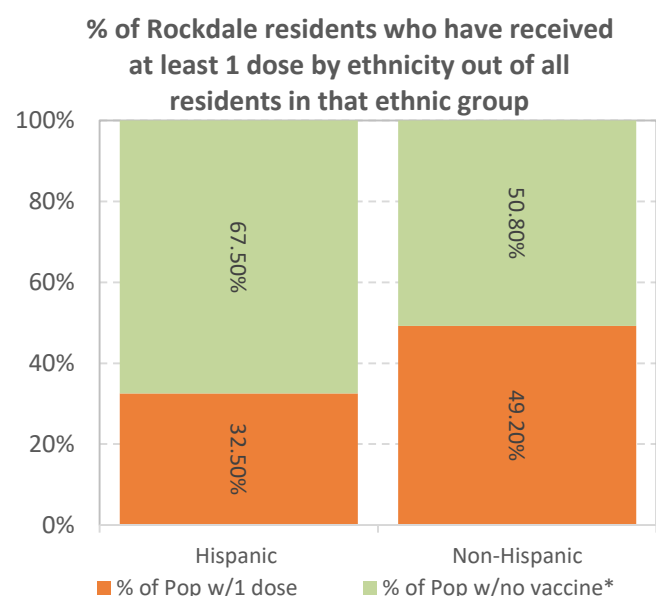
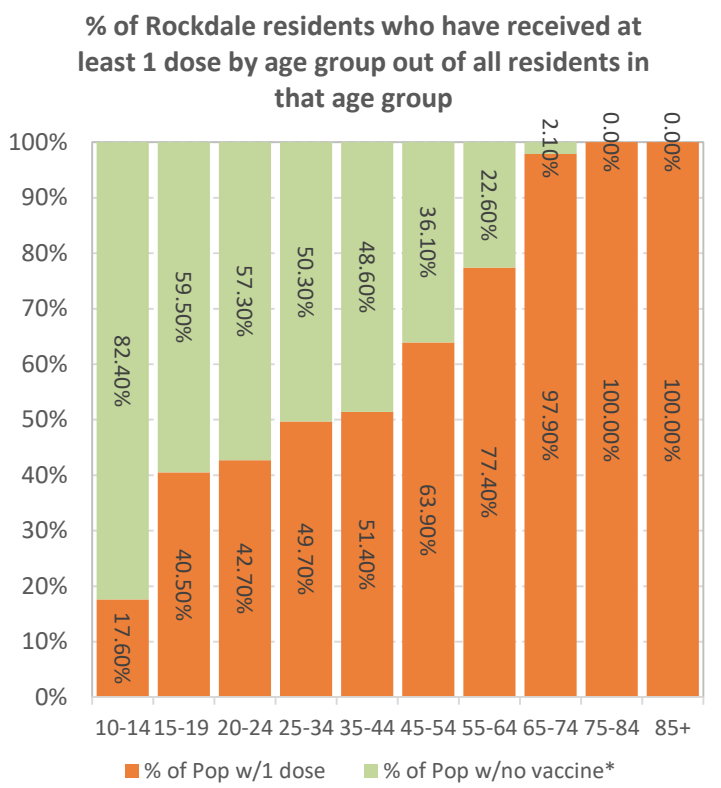
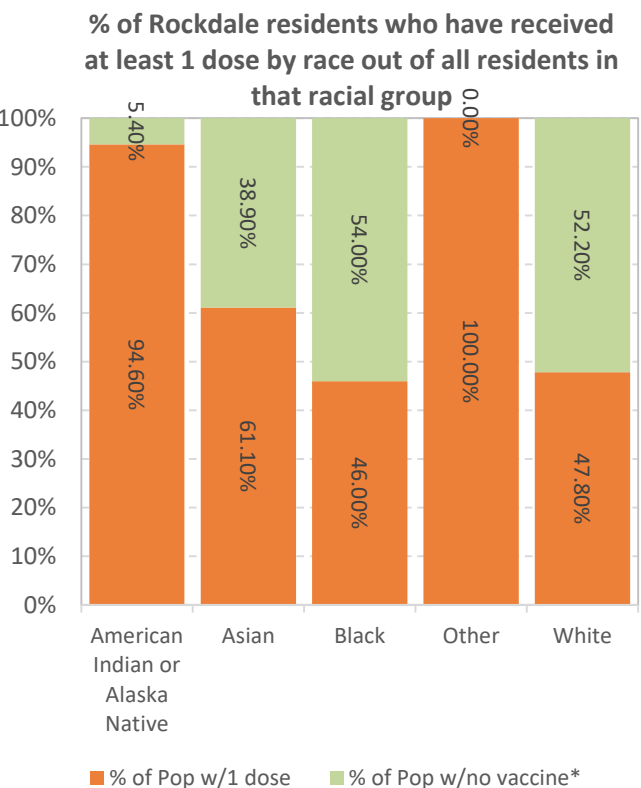


Epidemiology Overview for COVID-19 Vaccinations



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

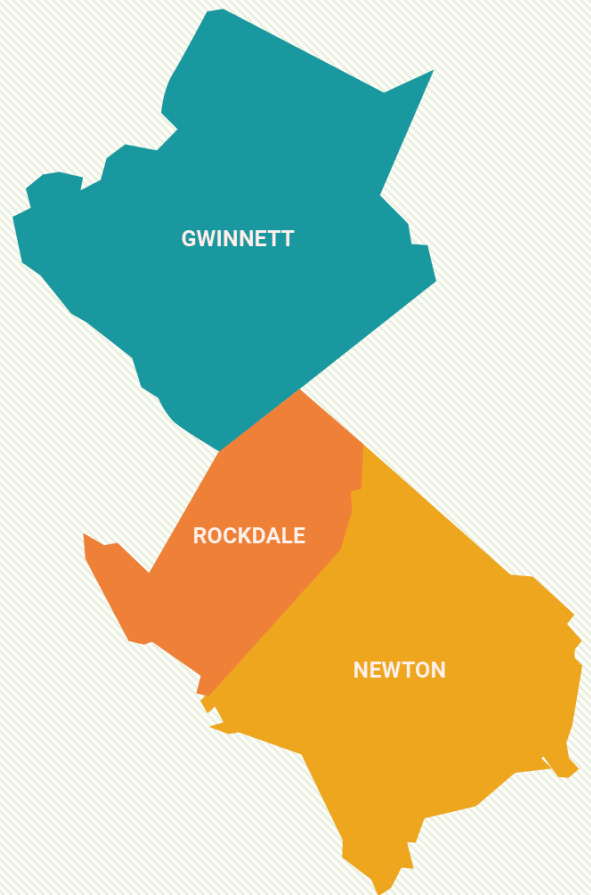
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage 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 September
30, 2021*



Epidemiology Overview of Gwinnett County

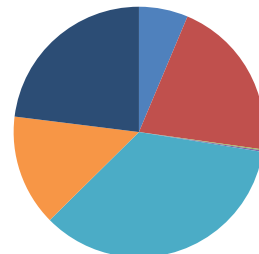
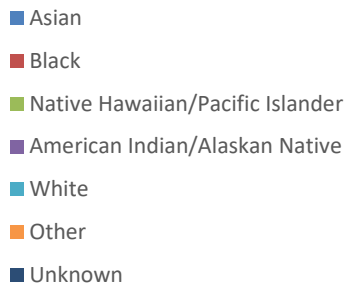


COVID-19 County Overview, data as of 1pm September 30, 2021

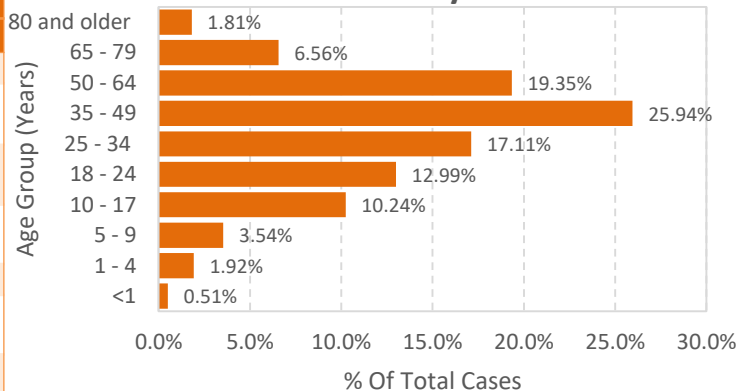
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 2.0% increase in newly confirmed COVID-19 Cases between the week of 9/16/2021 – 9/23/2021 (N=124,014) and 9/23/2021 – 9/30/2021 (N=126,525).

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	3,624	614	4,238 261 (6.1%)
Total	106,174	20,351	126,525 1,344 (1.1%)
Illness Characteristics*† N=126,525; n=1,344			
	Among all Cases		Among Deaths
Gender			
Female	67,166 (53.1%)		623 (46.4%)
Male	58,796 (46.5%)		721 (53.6%)
Median Age (years)	37		73
Age range (years)	0 – 107		14 – 102
Total Hospitalizations	6,013 (4.8%)		1,030 (76.6%)
Total with Underlying Conditions	15,872 (46.8%)**		734 (95.7%)**
Underlying Conditions unknown	92,587		577

Total Cases & Deaths by Race*† N =126,525; Total Deaths n=1,344

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,028	6.34%	133	9.90%	White	44,396	35.09%	744	55.36%
Hispanic/Latino	97	0.08%	<5	0.07%	Hispanic/Latino	11,808	9.33%	121	9.00%
Non-Hispanic/ Latino	6,219	4.92%	132	9.82%	Non-Hispanic/Latino	28,916	22.85%	619	46.06%
Not Specified	1,712	1.35%	0	0%	Not Specified	3,672	2.90%	<5	0.30%
Black	26,327	20.81%	326	24.26%	Other	18,203	14.39%	134	9.97%
Hispanic/Latino	726	0.57%	<5	0.30%	Hispanic/Latino	6,802	5.38%	122	9.08%
Non-Hispanic/Latino	22,908	18.11%	321	23.88%	Non-Hispanic/Latino	1,830	1.45%	12	0.89%
Not Specified	2,693	2.13%	<5	0.07%	Not Specified	9,571	7.56%	0	0%
Native Hawaiian/Pacific Islander	176	0.14%	<5	0.22%	Unknown	29,168	23.05%	<5	0.30%
Hispanic/Latino	54	0.04%	<5	0.07%	Hispanic/Latino	5,749	4.54%	<5	0.22%
Non-Hispanic/Latino	93	0.07%	<5	0.15%	Non-Hispanic/Latino	1,732	1.37%	0	0%
Not Specified	29	0.02%	0	0%	Not Specified	21,687	17.14%	<5	0.07%
American Indian/Alaskan Native	227	0.18%	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	86	0.07%	0	0%					
Non-Hispanic/Latino	91	0.07%	0	0%					
Not Specified	50	0.04%	0	0%					

Epidemiology Overview of Newton County



COVID-19 County Overview, data as of 1pm September 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 1.7% increase in newly confirmed COVID-19 Cases between the week of **9/16/2021 – 9/23/2021 (N=15,311)** and **9/23/2021 – 9/30/2021 (N=15,571)**.

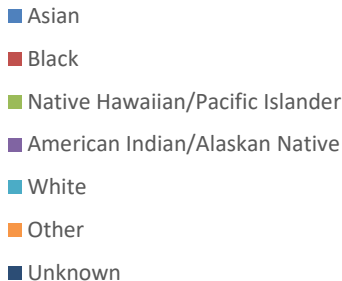
COVID-19 Cases & Deaths*

	Confirmed Cases	Probable Cases	Total Cases†	Total Deathst (%)
Outbreak	516	141	657	84 (12.7%)
Total	10,651	4,920	15,571	311 (2.0%)

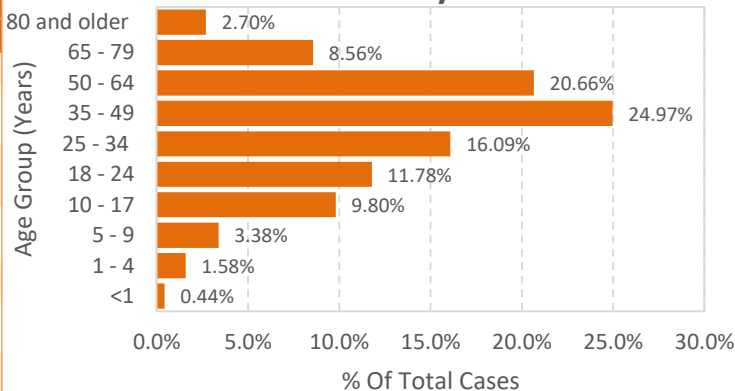
Illness Characteristics*† N=15,571; n=311

	Among all Cases	Among Deaths
Gender		
Female	8,674 (55.7%)	147 (47.3%)
Male	6,840 (43.9%)	164 (52.7%)
Median Age (years)	39	72
Age range (years)	0 – 102	21 – 98
Total Hospitalizations	1,062 (6.8%)	186 (59.8%)
Total with Underlying Conditions	2,223 (54.6%)**	170 (95.6%)**
Underlying Conditions unknown	11,500	135

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



Total Cases & Deaths by Race*† N =15,571; Total Deaths n=311

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	155	1.00%	<5	0.96%	White	6,123	39.32%	183	58.84%
Hispanic/Latino	<5	0.03%	0	0%	Hispanic/Latino	426	2.74%	5	1.61%
Non-Hispanic/ Latino	136	0.87%	<5	0.96%	Non-Hispanic/Latino	5,204	33.42%	178	57.23%
Not Specified	15	0.10%	0	0%	Not Specified	493	3.17%	0	0%
Black	6,587	42.30%	120	38.59%	Other	506	3.25%	<5	1.29%
Hispanic/Latino	94	0.60%	0	0%	Hispanic/Latino	171	1.10%	<5	0.96%
Non-Hispanic/Latino	5,937	38.13%	120	38.59%	Non-Hispanic/Latino	173	1.11%	<5	0.32%
Not Specified	556	3.57%	0	0%	Not Specified	162	1.04%	0	0%
Native Hawaiian/Pacific Islander	12	0.08%	0	0%	Unknown	2,169	13.93%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	179	1.15%	0	0%
Non-Hispanic/Latino	10	0.06%	0	0%	Non-Hispanic/Latino	216	1.39%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,774	11.39%	0	0%
American Indian/Alaskan Native	19	0.12%	<5	0.32%	*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	0.32%					
Not Specified	8	0.05%	0	0%					

Epidemiology Overview of Rockdale County

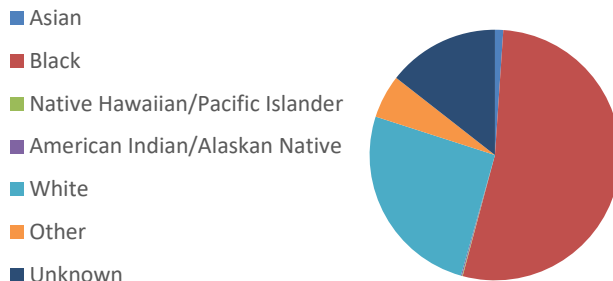


COVID-19 County Overview, data as of 1pm September 30, 2021

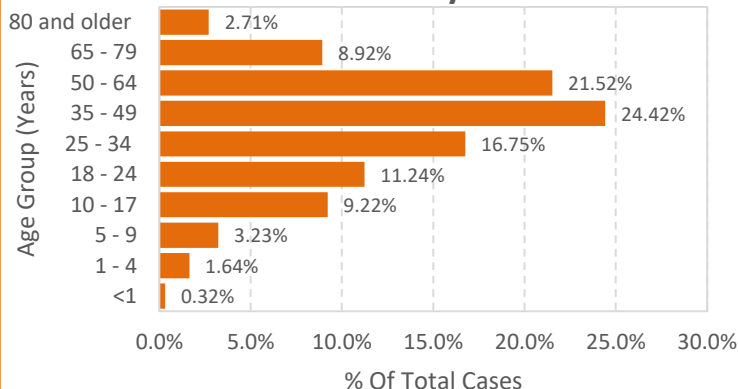
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 1.8% increase in newly confirmed COVID-19 Cases between the week of **9/16/2021 – 9/23/2021 (N=10,705)** and **9/23/2021 – 9/30/2021 (N=10,893)**.

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



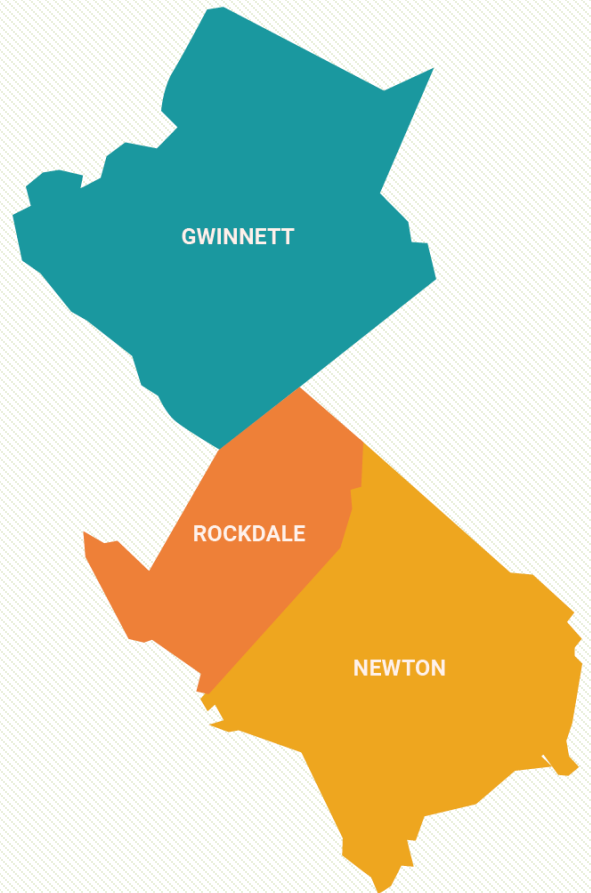
COVID-19 Cases & Deaths*			
	Confirmed Cases	Probable Cases	Total Cases† Total Deaths† (%)
Outbreak	403	86	489 49 (9.9%)
Total	8,574	2,319	10,893 216 (2.0%)
Illness Characteristics*† N=10,893; n=216			
	Among all Cases		Among Deaths
Gender			
Female	6,159 (56.5%)		110 (50.9%)
Male	4,689 (43.0%)		106 (49.1%)
Median Age (years)	39		73
Age range (years)	0 – 100		27 – 100
Total Hospitalizations	1,278 (11.7%)		171 (79.2%)
Total with Underlying Conditions	2,055 (60.7%)**		163 (96.4%)**
Underlying Conditions unknown	7,510		47

Total Cases & Deaths by Race*† N=10,893; Total Deaths n=216

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	117	1.07%	<5	0.93%	White	2,786	25.58%	111	51.39%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	458	4.20%	7	3.24%
Non-Hispanic/Latino	99	0.91%	<5	0.93%	Non-Hispanic/Latino	2,093	19.21%	104	48.15%
Not Specified	17	0.16%	0	0%	Not Specified	235	2.16%	0	0%
Black	5,782	53.08%	98	45.37%	Other	610	5.60%	<5	1.85%
Hispanic/Latino	91	0.84%	0	0%	Hispanic/Latino	308	2.83%	<5	1.85%
Non-Hispanic/Latino	5,177	47.53%	98	45.37%	Non-Hispanic/Latino	137	1.26%	0	0%
Not Specified	514	4.72%	0	0%	Not Specified	165	1.51%	0	0%
Native Hawaiian/Pacific Islander	10	0.09%	0	0%	Unknown	1,573	14.44%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	210	1.93%	0	0%
Non-Hispanic/Latino	8	0.07%	0	0%	Non-Hispanic/Latino	153	1.40%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,210	11.11%	0	0%
American Indian/Alaskan Native	15	0.14%	<5	0.46%	*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	0.46%					
Not Specified	<5	0.04%	0	0%					

Epidemiology Overview of COVID-19 Cases among Vaccinated Residents

Data as of 8am September
30, 2021



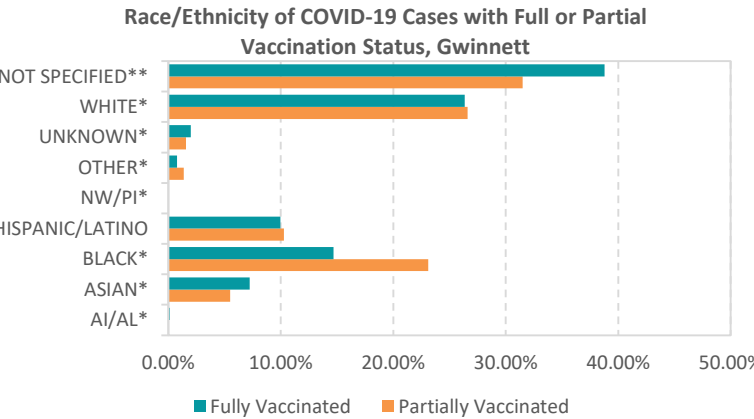
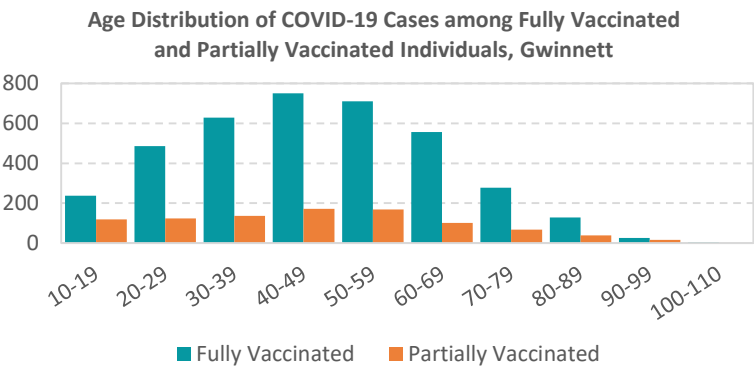
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am September 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** 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	12 (0.3%)	<5 (0.3%)	0 (0%)	0 (0%)
Asian	328 (8.6%)	58 (6.2%)	<5 (18.8%)	8 (17.4%)
Black	659 (17.3%)	254 (26.9%)	<5 (12.5%)	6 (13.0%)
Native Hawaiian/Pacific Islander	<5 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	215 (5.7%)	56 (5.9%)	<5 (12.5%)	<5 (2.2%)
Unknown	1,285 (33.8%)	241 (25.6%)	0 (0%)	0 (0%)
White	1,304 (34.3%)	330 (35.0%)	9 (56.3%)	31 (67.4%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	380 (10.0%)	97 (10.3%)	<5 (6.3%)	<5 (2.2%)
Non-Hispanic/Latino	1,950 (51.2%)	549 (58.2%)	15 (93.8%)	45 (97.8%)
Not Specified	1,477 (38.8%)	297 (31.5%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	3,807 (5.7%)	943 (1.4%)	61,795 (92.9%)
Deaths	16 (2.9%)	46 (8.2%)	497 (88.9%)
Illness Characteristics N=3,807 n=16			
Fully Vaccinated	Cases	Deaths	
Gender			
Female	2,196 (57.7%)	7 (43.8%)	
Male	1,611 (42.3%)	9 (56.3%)	
Median Age (years)	47	77	
Age range (years)	12-101	42-95	
Median of days between last dose and test date	130	110	
Range of days between last dose and test date	15-271	17-199	
Outbreak related	124	5	
Hospitalizations	101 (2.7%)	12 (75.0%)	
Illness Characteristics N=943 n=46			
Partially Vaccinated	Cases	Deaths	
Gender			
Female	524 (55.6%)	22 (47.8%)	
Male	419 (44.4%)	24 (52.2%)	
Median Age (years)	45	82	
Age range (years)	12-96	36-95	
Median of days between last dose and test date	13	11	
Range of days between last dose and test date	0-268	2-192	
Outbreak related	35	6	
Hospitalizations	75 (8.0%)	33 (71.1%)	

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

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

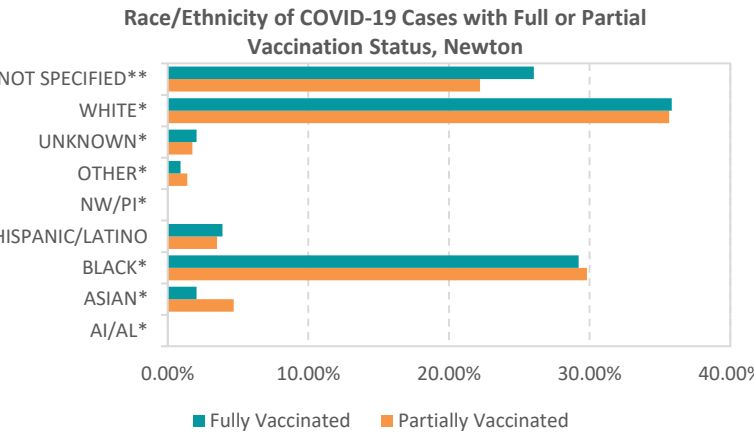
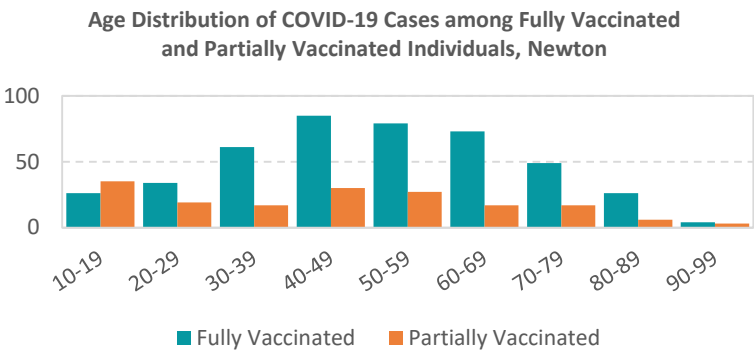
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Newton Residents, data as of 8am September 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** 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	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Asian	11 (2.5%)	8 (4.7%)	0(0%)	<5 (12.5%)
Black	148 (33.8%)	57 (33.3%)	<5 (25.0%)	5 (62.5%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	6 (1.4%)	7 (4.1%)	0 (0%)	0 (0%)
Unknown	93 (21.2%)	33 (19.3%)	0 (0%)	0 (0%)
White	180 (41.1%)	66 (38.6%)	<5(75.0%)	<5 (25.0%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	17 (3.9%)	6 (3.5%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	307 (70.1%)	127 (74.3%)	<5(100.0%)	8 (100.0%)
Not Specified	114 (26.0%)	38 (22.2%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	438 (4.7%)	171 (1.8%)	8,714 (93.5%)
Deaths	<5 (3.1%)	8 (6.2%)	118 (90.8%)

Illness Characteristics N=438 n<5		
Fully Vaccinated	Cases	Deaths
Gender		
Female	271 (61.9%)	<5 (75.0%)
Male	167 (38.1%)	<5 (25.0%)
Median Age (years)	50	65
Age range (years)	12-93	40-76
Median of days between last dose and test date	124	113
Range of days between last dose and test date	15-238	92-223
Outbreak related	11	0
Hospitalizations	32 (7.3%)	<5 (75.0%)

Illness Characteristics N=171 n= 8		
Partially Vaccinated	Cases	Deaths
Gender		
Female	100 (58.5%)	6 (75.0%)
Male	71 (41.5%)	<5 (25.0%)
Median Age (years)	43	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	0-223	7-153
Outbreak related	10	<5
Hospitalizations	33 (19.3%)	7 (87.5%)

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
HW/PI = Native Hawaiian/Pacific Islander
AI/AL = American Indian/Alaskan Native

Gwinnett, Newton, & Rockdale County Health Departments

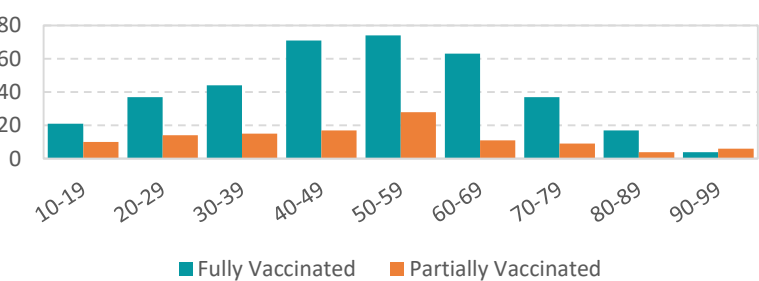


COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am September 30, 2021

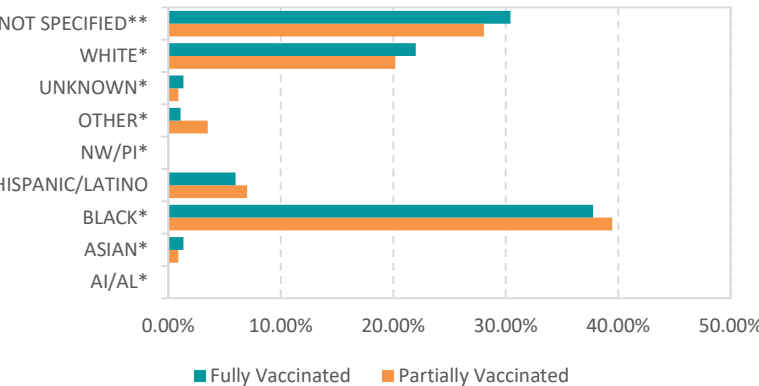
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** 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	<5 (0.5%)	0 (0%)	0 (0%)	0 (0%)
Asian	5 (1.4%)	<5 (0.9%)	0 (0%)	<5 (10.0%)
Black	161 (43.8%)	57 (50.0%)	<5 (28.6%)	<5 (40.0%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	15 (4.1%)	10 (8.8%)	0 (0%)	0(0%)
Unknown	89 (24.2%)	20 (17.5%)	0 (0%)	0 (0%)
White	96 (26.1%)	26 (22.8%)	5 (71.4%)	5 (50.0%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	22 (6.0%)	8 (7.0%)	<5 (14.3%)	0 (0%)
Non-Hispanic/Latino	234 (63.6%)	74 (64.9%)	6 (85.7%)	10 (100.0%)
Not Specified	112 (30.4%)	32 (28.1%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	368 (5.6%)	114 (1.7%)	6,146 (92.8%)
Deaths	7 (7.6%)	10 (10.8%)	75 (81.5%)

Illness Characteristics N=368 n=7		
Fully Vaccinated	Cases	Deaths
Gender		
Female	240 (65.2%)	6 (80.7%)
Male	128 (34.8%)	<5 (14.3%)
Median Age (years)	50	73
Age range (years)	14-92	58-90
Median of days between last dose and test date	128	127
Range of days between last dose and test date	15-263	103-181
Outbreak related	8	0
Hospitalizations	37 (10.1%)	5 (71.4%)

Illness Characteristics N=114 n=10		
Partially Vaccinated	Cases	Deaths
Gender		
Female	65 (57.0%)	6 (60.0%)
Male	49 (43.0%)	<5 (40.0%)
Median Age (years)	50	87
Age range (years)	12-99	61-99
Median of days between last dose and test date	10	15
Range of days between last dose and test date	1-260	3-147
Outbreak related	12	5
Hospitalizations	23 (20.2%)	7 (70.0%)

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
HW/PI = Native Hawaiian/Pacific Islander
AI/AL = American Indian/Alaskan Native