

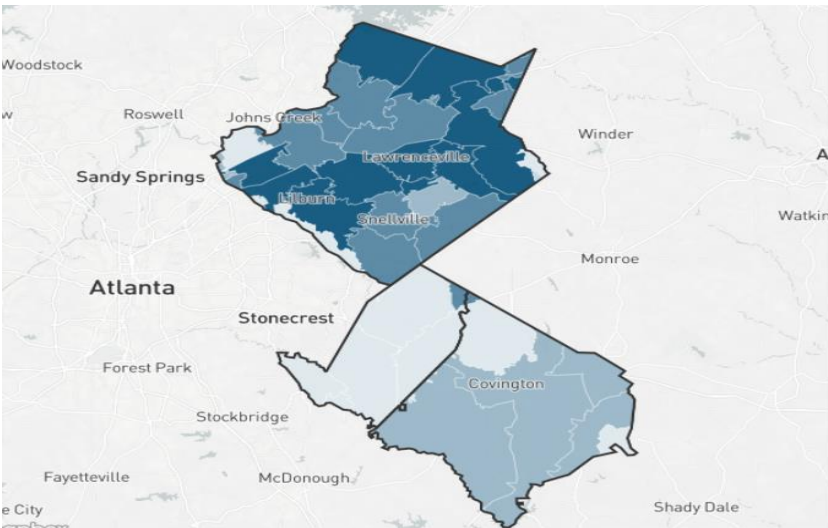
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm September 16, 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	Presumptive Cases	Total Cases†	Total Death‡ (%)
Gwinnett	101,557	19,550	121,107	1,292(1.1%)
Newton	10,171	4,830	15,001	297 (2.0%)
Rockdale	8,171	2,275	10,446	200 (1.9%)
Total	119,899	26,655	146,554	1,789 (1.2%)
Illness Characteristics*† N=146,554 n=1,789				
Among all Cases			Among Deaths	
Gender				
	Female	78,616 (53.6%)		841 (47.0%)
	Male	67,344 (46.0%)		948 (53.0%)
Median Age (years)		37		73
Age range (years)		0 – 107		14 – 102
Total Hospitalizations		8,004 (5.5%)		1,317 (73.6%)
Total with Underlying Conditions		19,969 (48.9%)**		1,028 (96.2%)**
Underlying Conditions unknown		105,700		720

	Georgia	Gwinnett	Newton	Rockdale
Total Tests†	14,138,392	1,188,128	140,668	110,829
Total Positive†	1,472,781 (10.4%)	130,193 (11.0%)	16,145 (11.5%)	11,431 (10.3%)
Seven Day***	46,403 (15.7%)	3,004 (12.6%)	517 (15.8%)	409 (14.9%)

Total Cases & Deaths by Race*† N = 146,554; Total Deaths n=1,789									
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,995	5.46%	134	7.49%	White	51,449	35.11%	994	55.56%
Hispanic/Latino	95	0.06%	<5	0.06%	Hispanic/Latino	12,224	8.34%	132	7.38%
Non-Hispanic/ Latino	6,186	4.22%	133	7.43%	Non-Hispanic/ Latino	34,920	23.83%	859	48.02%
Not Specified	1,714	1.17%	0	0%	Not Specified	4,305	2.94%	<5	0.17%
Black	37,056	25.28%	512	28.62%	Other	18,942	12.92%	140	7.83%
Hispanic/Latino	844	0.58%	<5	0.22%	Hispanic/Latino	6,930	4.73%	128	7.15%
Non-Hispanic/ Latino	32,575	22.23%	508	28.40%	Non-Hispanic/ Latino	2,058	1.40%	12	0.67%
Not Specified	3,637	2.48%	0	0%	Not Specified	9,954	6.79%	0	0%
Native Hawaiian/Pacific Islander	191	0.13%	<5	0.17%	Unknown	30,681	20.93%	<5	0.22%
Hispanic/Latino	50	0.03%	<5	0.06%	Hispanic/Latino	5,457	3.72%	<5	0.22%
Non-Hispanic/ Latino	111	0.08%	<5	0.11%	Non-Hispanic/ Latino	1,961	1.34%	0	0%
Not Specified	30	0.02%	0	0%	Not Specified	23,263	15.87%	0	0%
American Indian/Alaskan Native	240	0.16%	<5	0.11%	*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. 9/8/2021 – 9/15/2021. † Represents total confirmed and presumptive cases Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Hispanic/Latino	73	0.05%	0	0%					
Non-Hispanic/ Latino	105	0.07%	<5	0.11%					
Not Specified	62	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

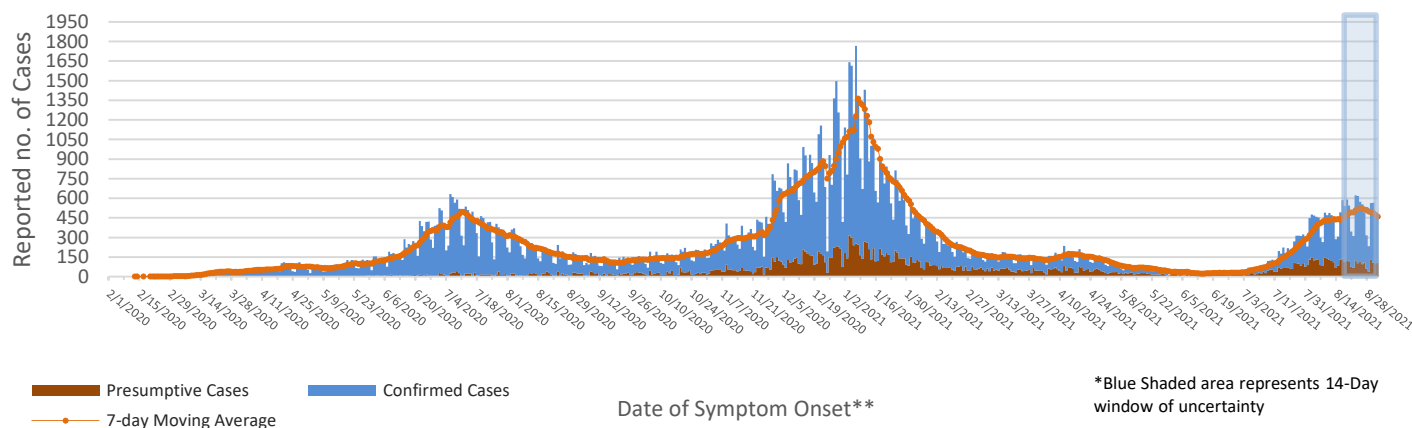


COVID-19 District Overview, data as of 1pm September 16, 2021

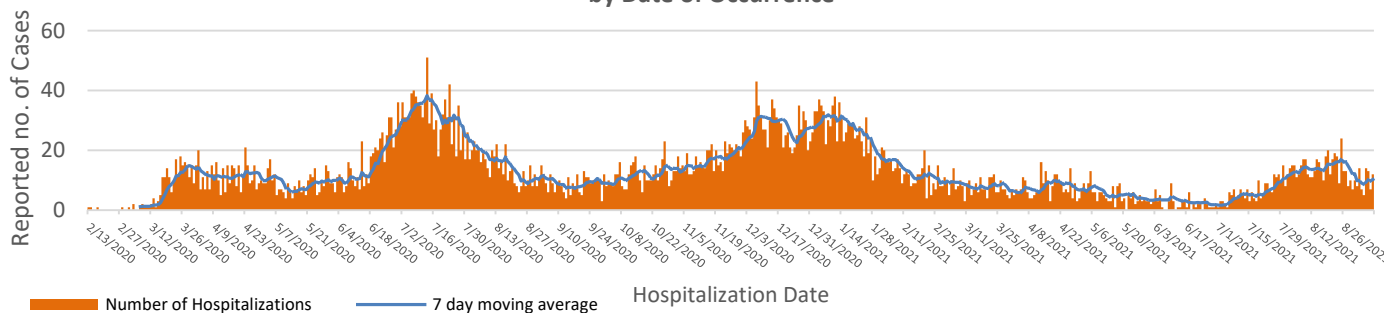
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation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

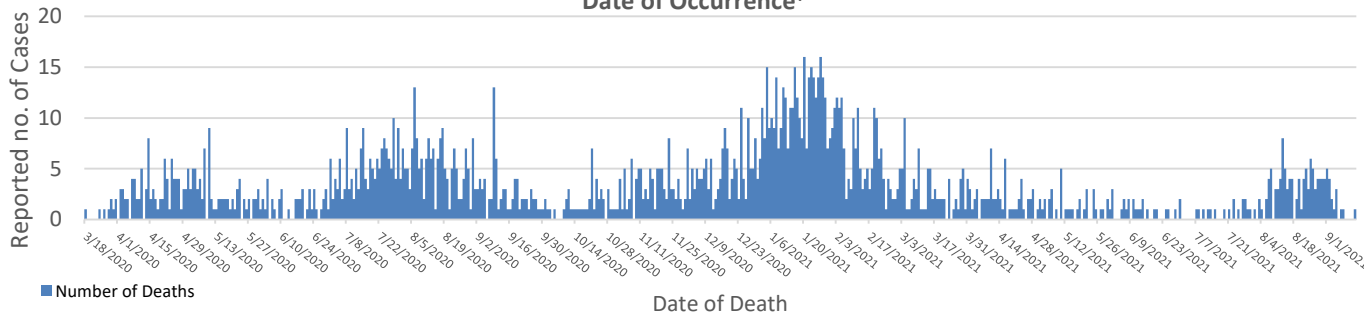
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/16/2021[†]



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

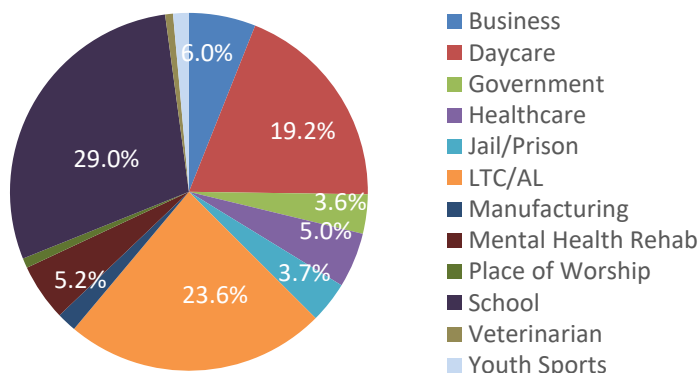
Epidemiology Overview of Outbreaks



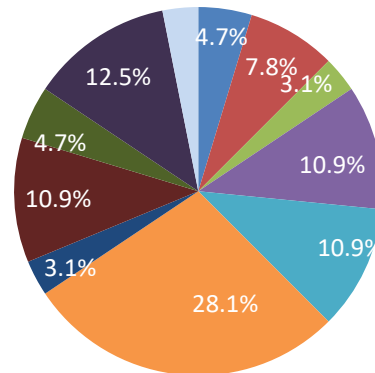
COVID-19 Snapshot, data as 1pm September 16, 2021

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.

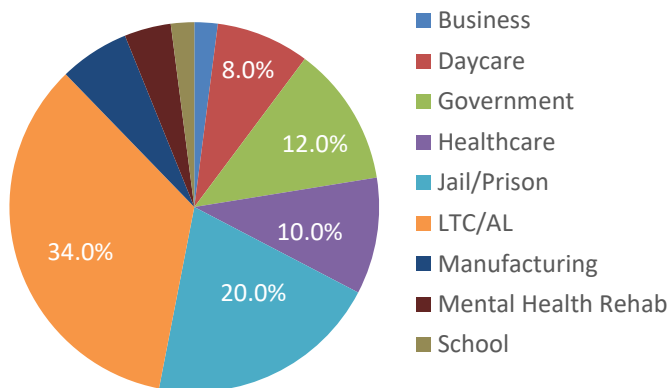
Number of Outbreaks by Facility Type for Gwinnett County



Number of Outbreaks by Facility type for Newton County

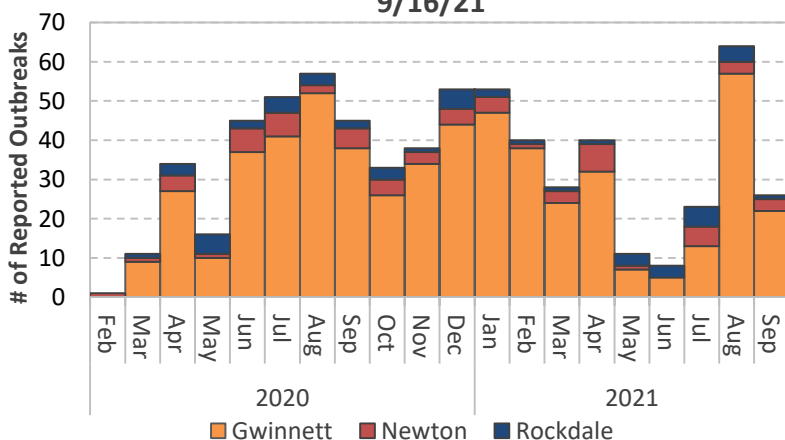


Number of Outbreaks by Facility Type for Rockdale County



- Business
- Daycare
- Government
- Healthcare
- Jail/Prison
- LTC/AL
- Manufacturing
- Mental Health Rehab
- Place of Worship
- School
- Youth Sports

Number of Outbreaks by County Over Time, 9/16/21



Number of Outbreaks by Facility Type N=677

Facility Type	Gwinnett n=563	Newton n=64	Rockdale n=50
Business	6.04%	4.69%	2.00%
Daycare	19.18%	7.81%	8.00%
Government	3.55%	3.13%	12.00%
Healthcare	4.97%	10.94%	10.00%
Jail/Prison	3.73%	10.94%	20.00%
LTC/AL	23.62%	28.13%	34.00%
Manufacturing	1.78%	3.13%	6.00%
Mental Health Rehab	5.15%	10.94%	4.00%
Place of Worship	0.89%	4.69%	0.00%
Schools	28.95%	12.50%	2.00%
Veterinarian	0.71%	0.00%	2.00%
Youth Sports	1.42%	3.13%	0.00%

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

**Data as of 1pm September 16,
2021**



Epidemiology Overview of COVID-19 Vaccinations

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

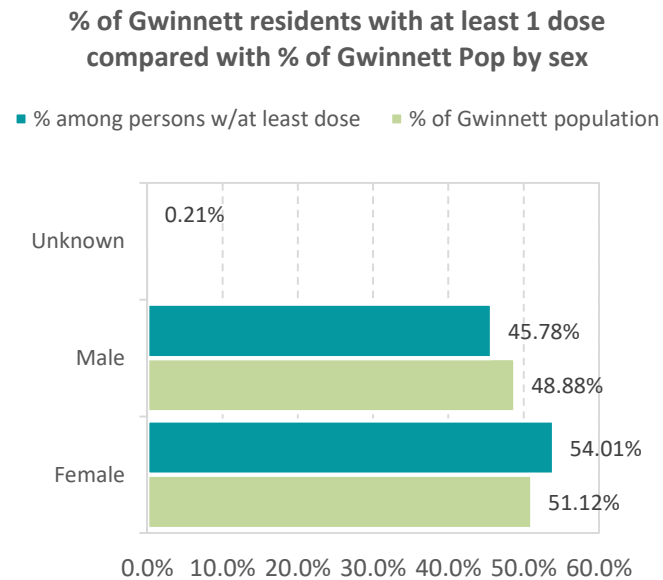
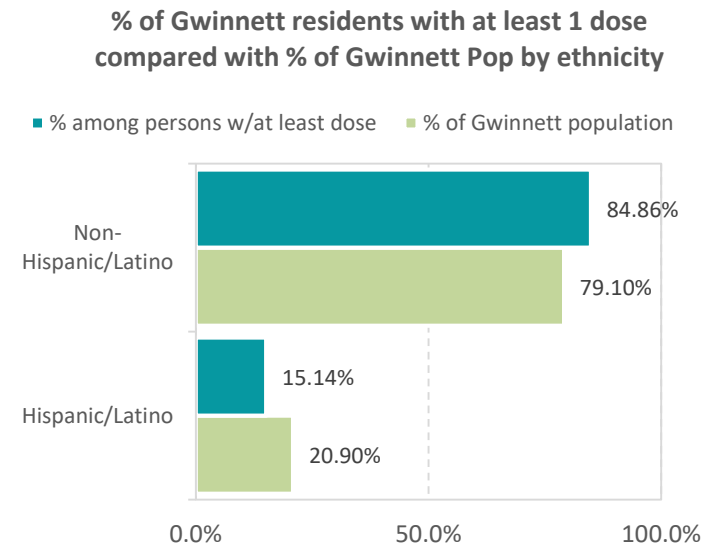
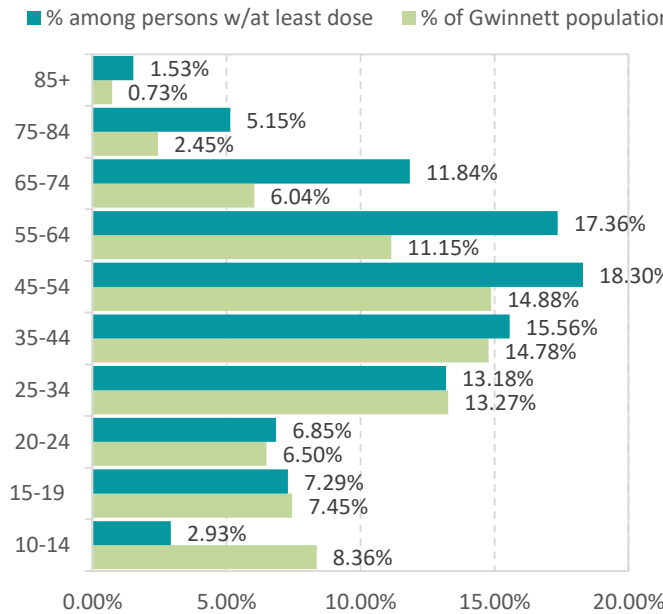
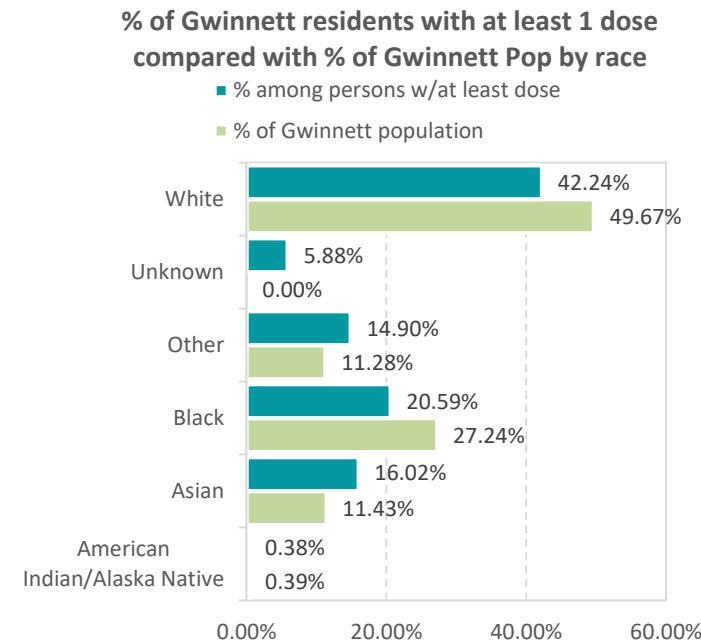
Data as of 1pm September 16, 2021



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.

517,526 (56.6%) Residents have received at least one dose.
463,382 (50.6%) Residents are fully vaccinated.

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

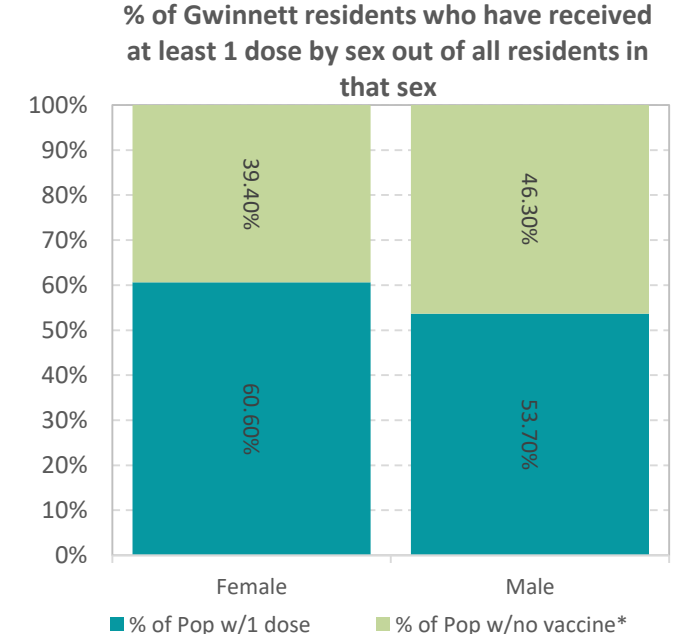
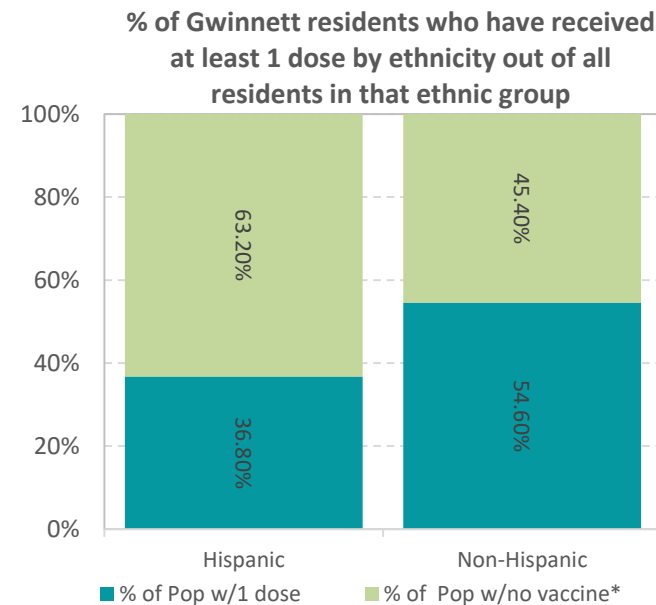
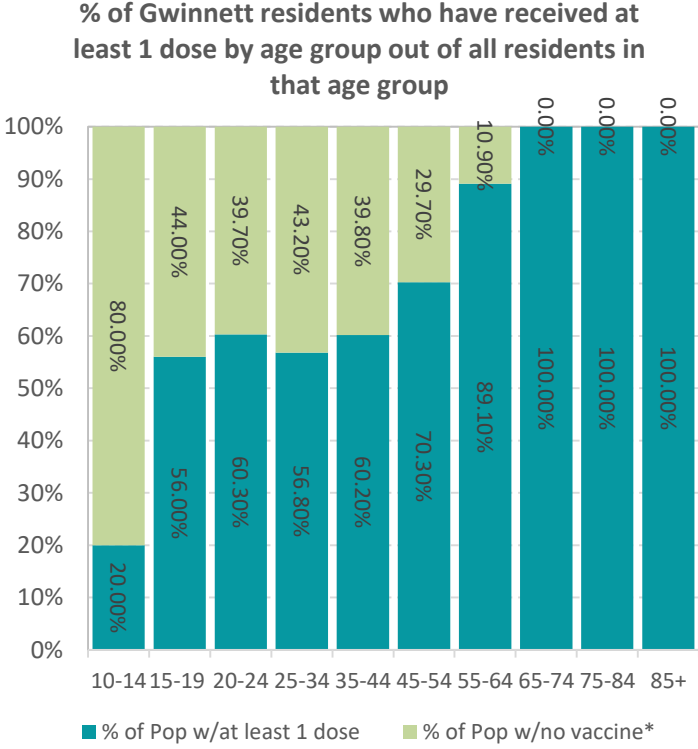
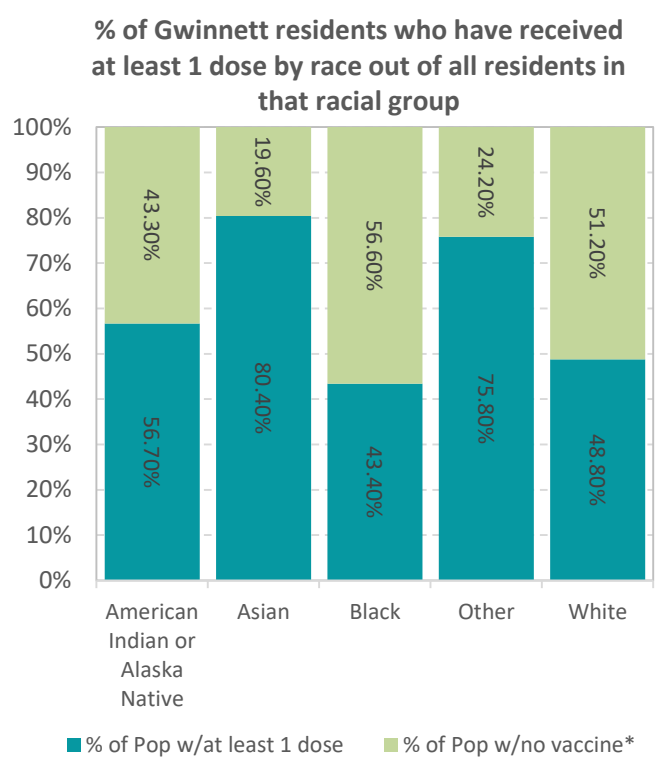


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, *data as of 1pm September 16, 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 16, 2021

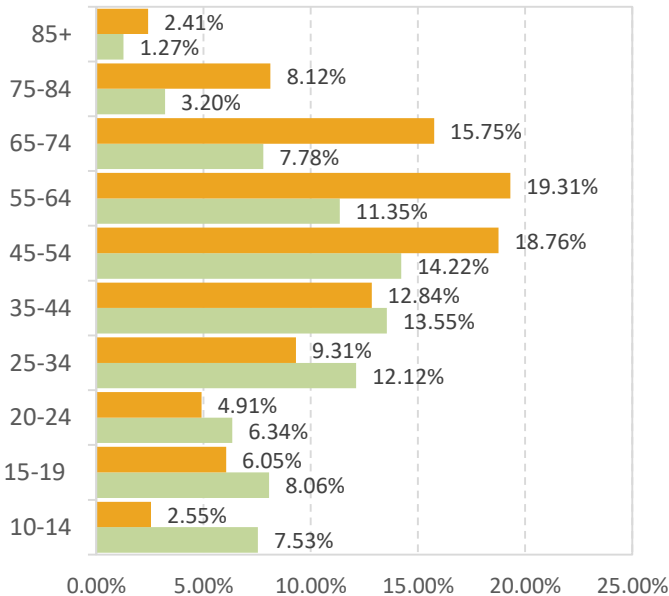


The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar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

47,155 (43.6%) Residents have received at least one dose.
40,962 (37.9%) Residents are fully vaccinated.

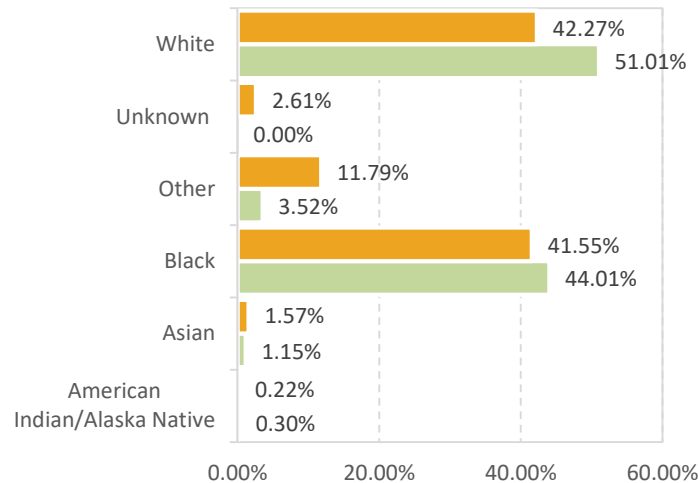
% Newton residents with at least 1 dose compared with % of Newton Pop by age group

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



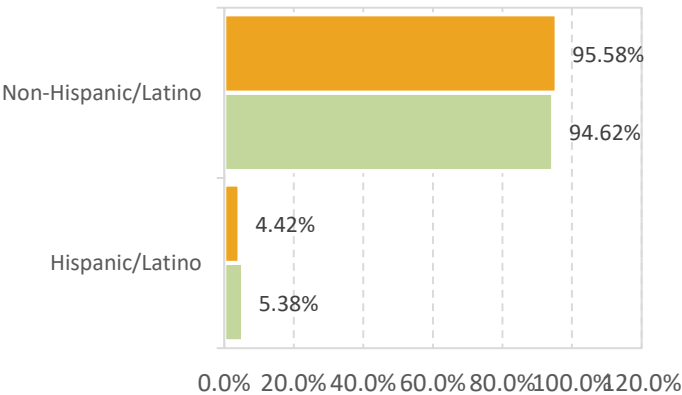
% Newton residents with at least 1 dose compared with % of Newton Pop by race

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



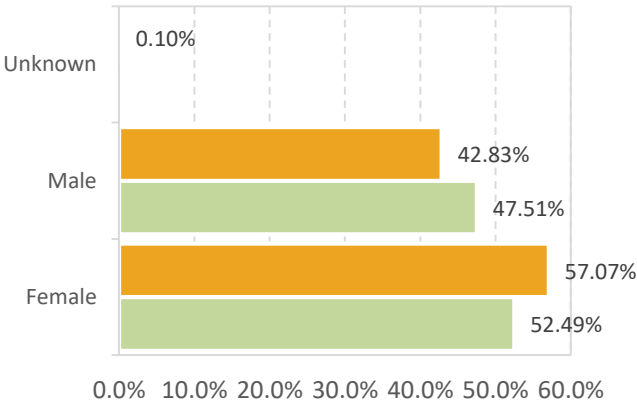
% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity

■ % 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

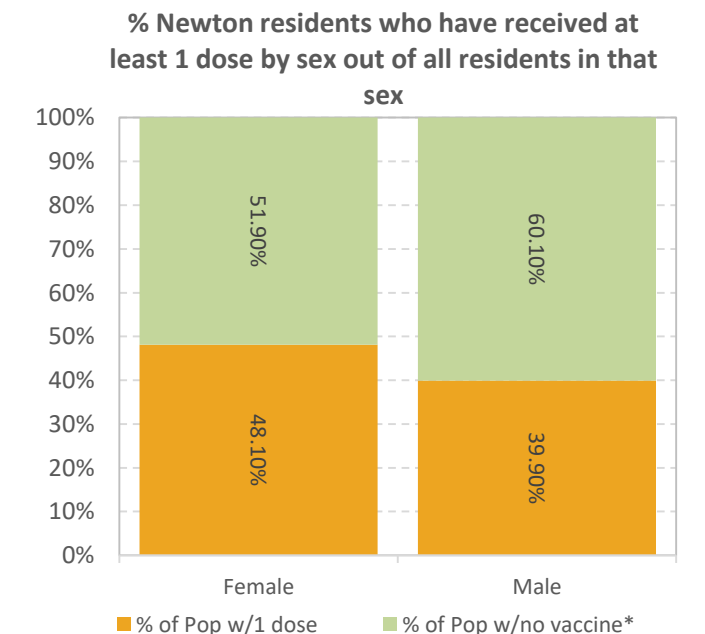
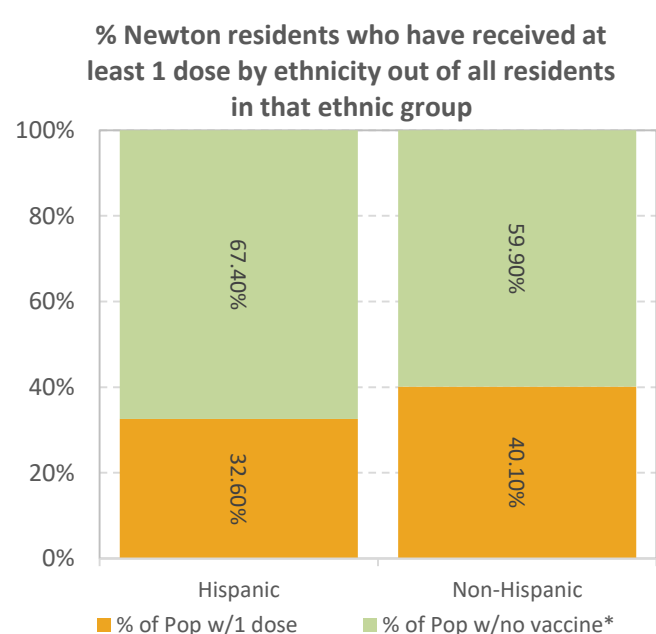
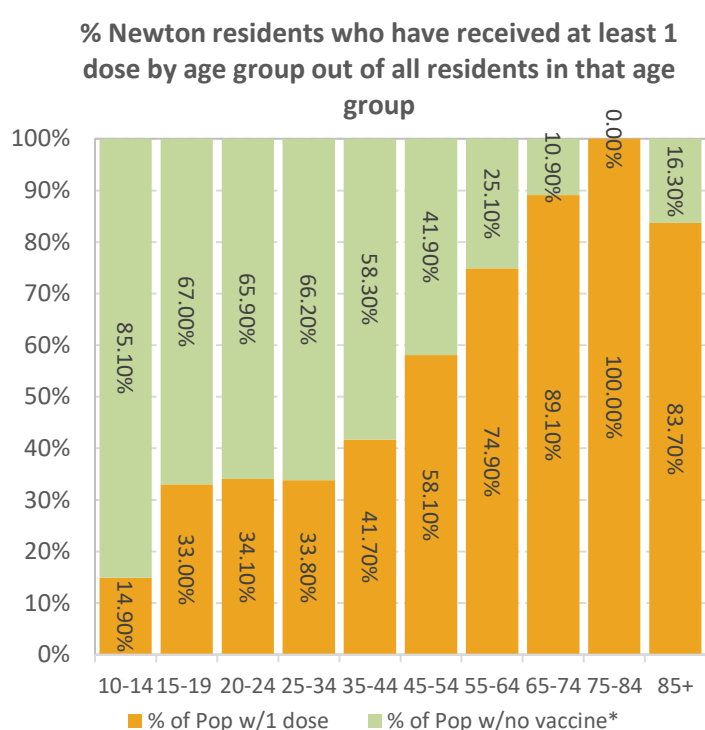
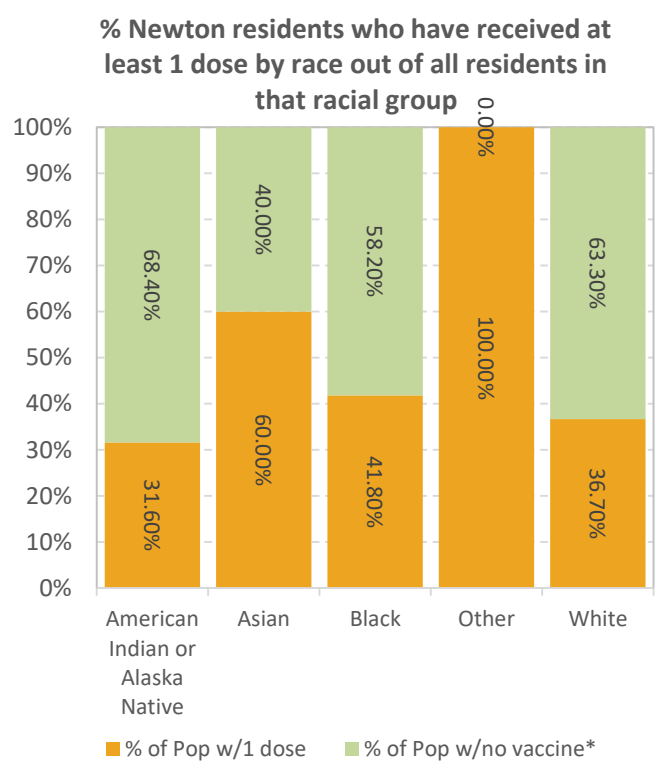


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm September 16, 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

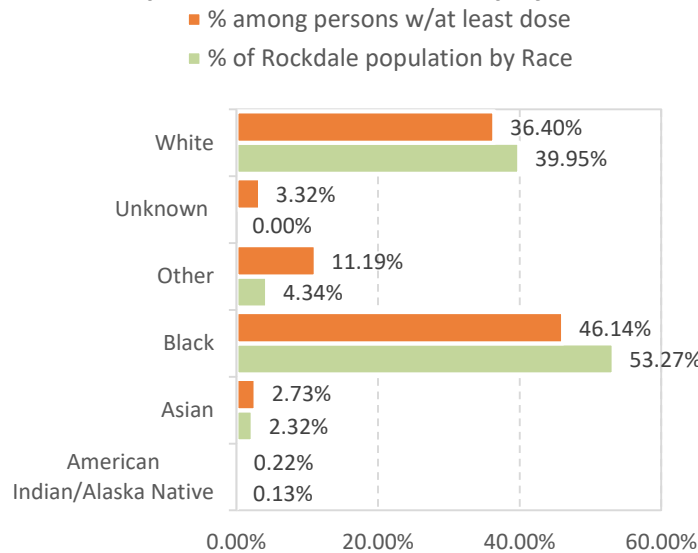
Data as of 1pm September 16, 2021



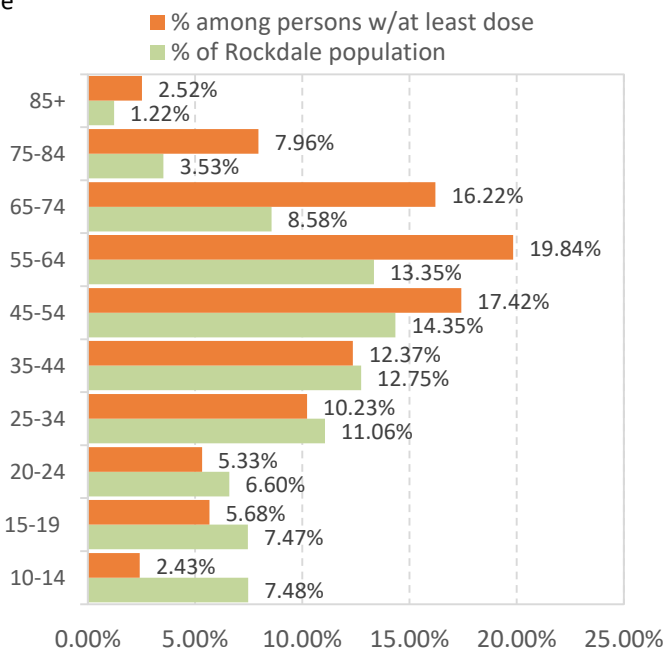
The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange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

46,127 (51.4%) Residents have received at least one dose.
40,556 (45.2%) Residents are fully vaccinated.

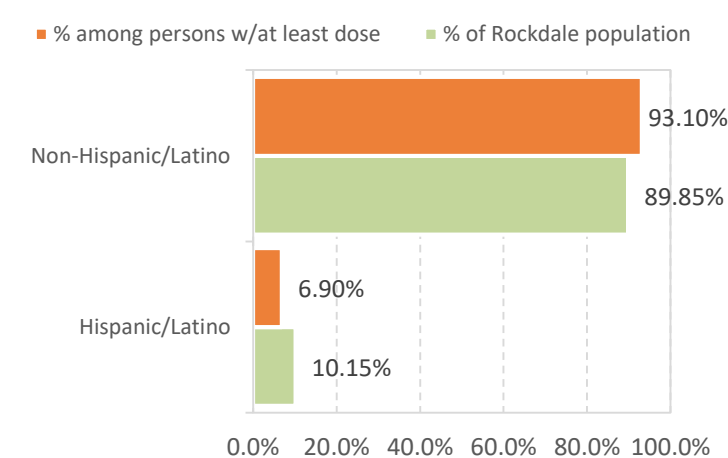
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race



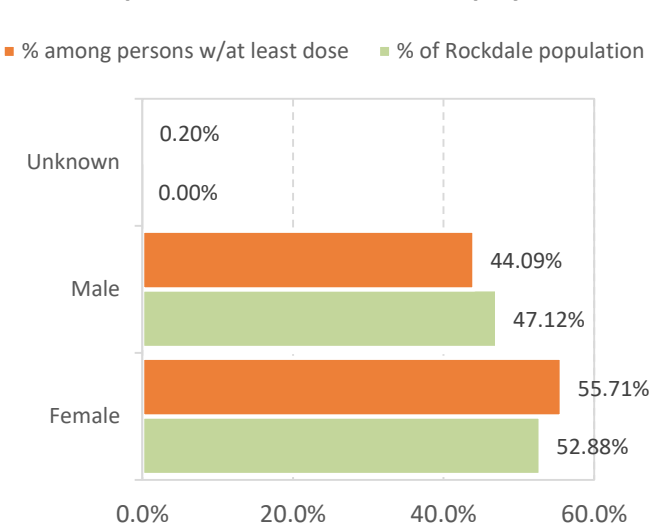
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group



% 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

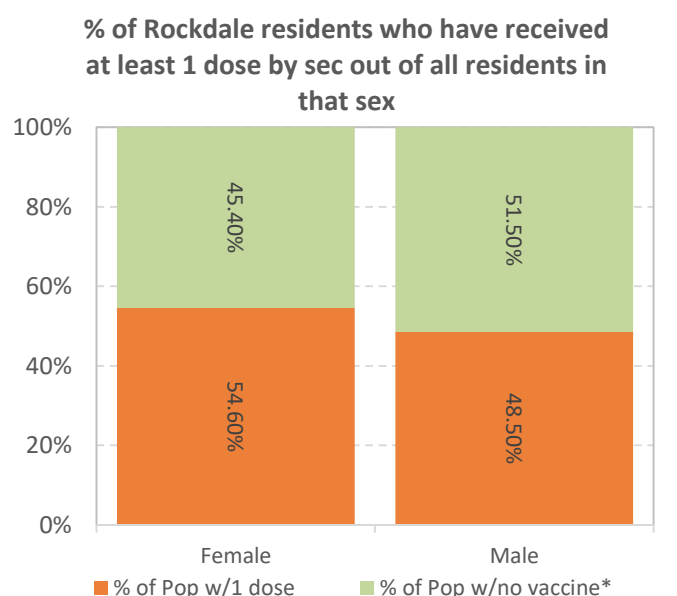
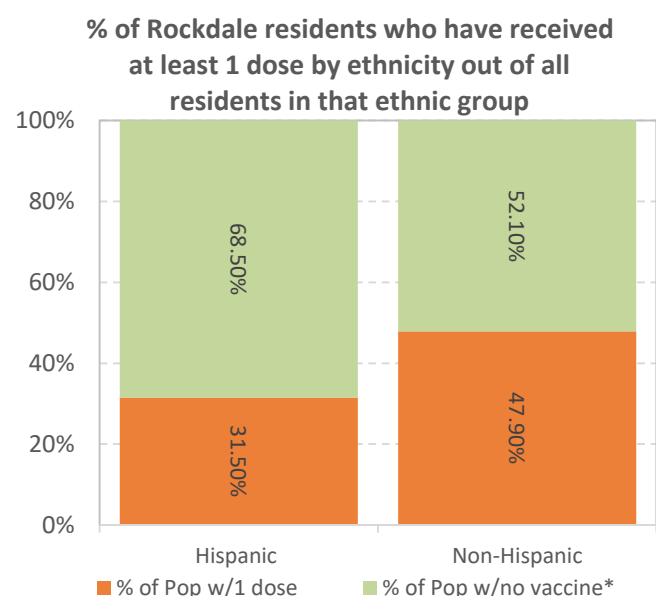
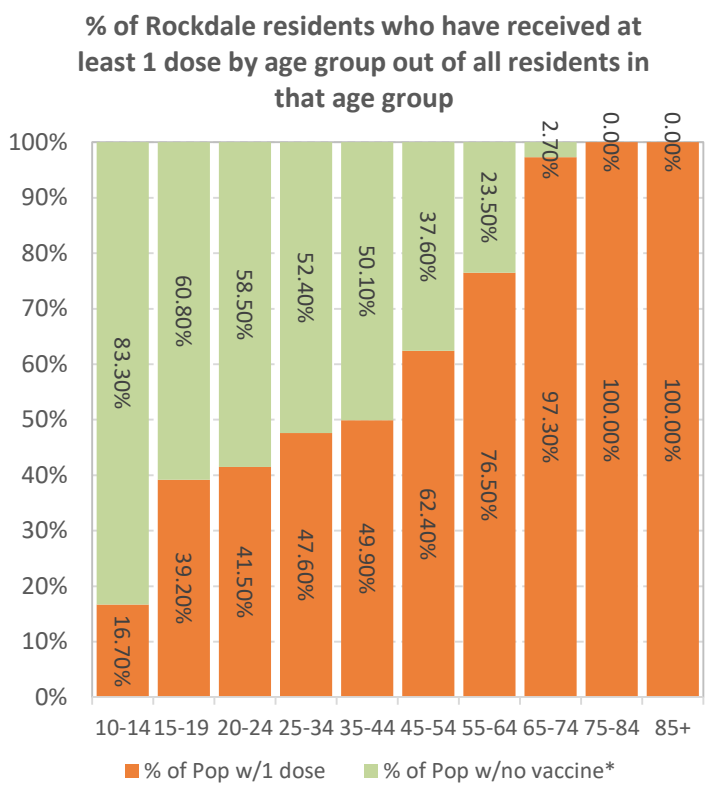
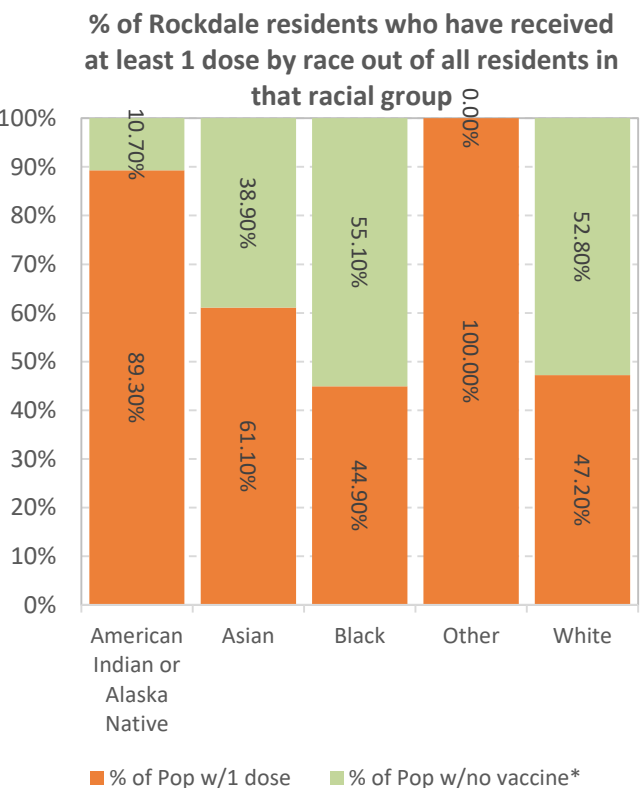


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm September 16, 2021

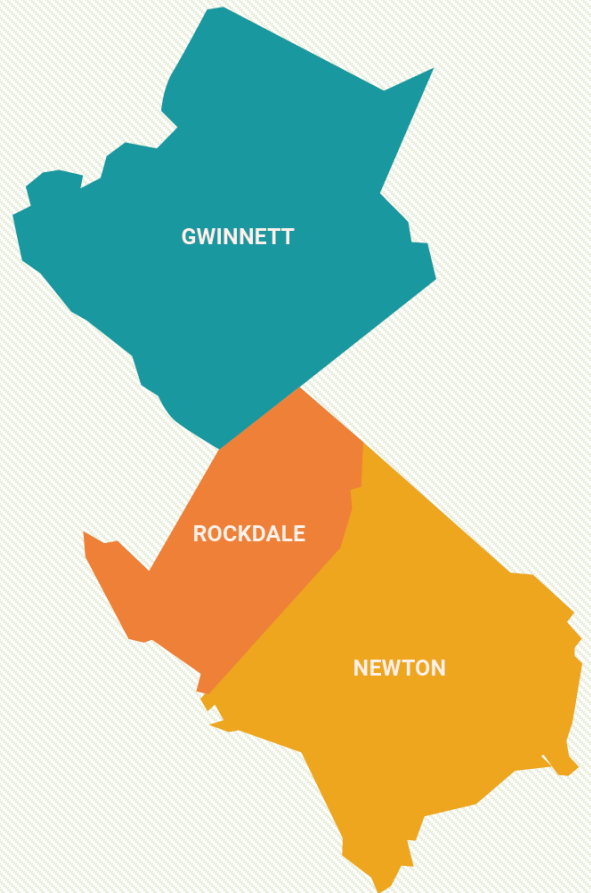
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage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



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

*Data as of 1pm September
16, 2021*



Epidemiology Overview of Gwinnett County

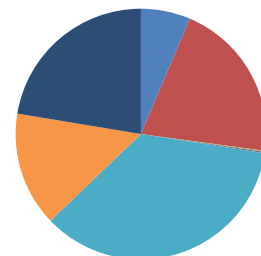
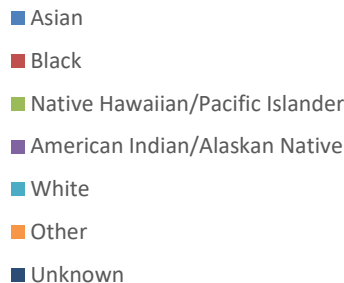


COVID-19 County Overview, data as of 1pm September 16, 2021

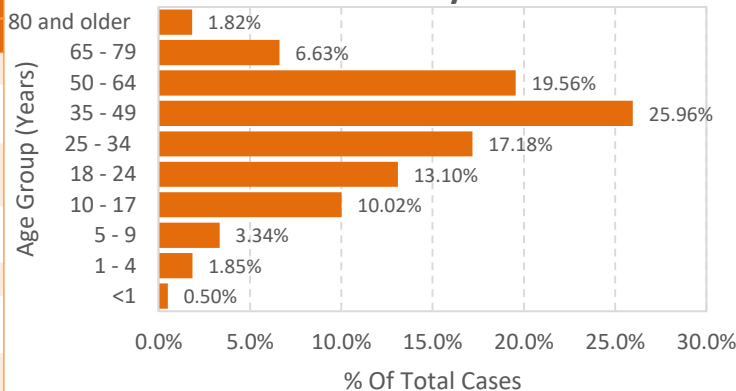
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 2.3% increase in newly confirmed COVID-19 Cases between the week of 9/2/2021 – 9/9/2021 (N=118,436) and 9/9/2021 – 9/16/2021 (N=121,107).

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	3,419	550	3,969 254 (6.4%)
Total	101,557	19,550	121,107 1,292 (1.1%)
Illness Characteristics*† N=121,107; n=1,292			
	Among all Cases		Among Deaths
Gender			
Female	63,343 (53.1%)		598 (46.3%)
Male	56,264 (46.5%)		694 (53.7%)
Median Age (years)	37		73
Age range (years)	0 – 107		14 – 102
Total Hospitalizations	5,874 (4.9%)		983 (76.1%)
Total with Underlying Conditions	15,740 (47.0%)**		711 (95.8%)**
Underlying Conditions unknown	87,602		550

Total Cases & Deaths by Race*† N =121,107; Total Deaths n=1,292

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,737	6.39%	129	9.98%	White	42,861	35.39%	718	55.57%
Hispanic/Latino	91	0.08%	<5	0.08%	Hispanic/Latino	11,371	9.39%	121	9.37%
Non-Hispanic/ Latino	5,967	4.93%	128	9.91%	Non-Hispanic/Latino	27,888	23.03%	594	45.98%
Not Specified	1,679	1.39%	0	0%	Not Specified	3,602	2.97%	<5	0.23%
Black	25,135	20.75%	307	23.76%	Other	17,887	14.77%	132	10.22%
Hispanic/Latino	666	0.55%	<5	0.31%	Hispanic/Latino	6,502	5.37%	121	9.37%
Non-Hispanic/Latino	21,881	18.07%	303	23.45%	Non-Hispanic/Latino	1,757	1.45%	11	0.85%
Not Specified	2,588	2.14%	0	0%	Not Specified	9,628	7.95%	0	0%
Native Hawaiian/Pacific Islander	169	0.14%	<5	0.23%	Unknown	27,114	22.39%	<5	0.23%
Hispanic/Latino	48	0.04%	<5	0.08%	Hispanic/Latino	5,107	4.22%	<5	0.23%
Non-Hispanic/Latino	93	0.08%	<5	0.15%	Non-Hispanic/Latino	1,606	1.33%	0	0%
Not Specified	28	0.02%	0	0%	Not Specified	20,401	16.85%	0	0%
American Indian/Alaskan Native	204	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 presumptive cases				
Hispanic/Latino	71	0.06%	0	0%					
Non-Hispanic/Latino	83	0.07%	0	0%					
Not Specified	50	0.04%	0	0%					

Epidemiology Overview of Newton County

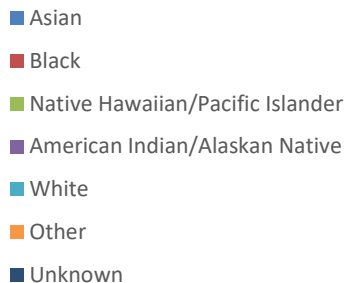


COVID-19 County Overview, data as of 1pm September 16, 2021

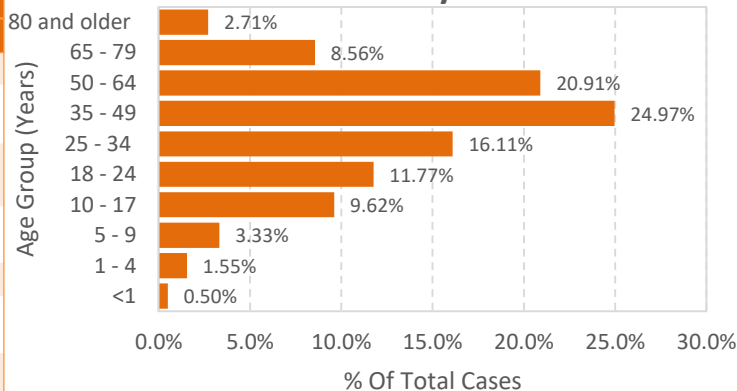
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 2.6% increase in newly confirmed COVID-19 Cases between the week of 9/2/2021 – 9/9/2021 (N=14,626) and 9/9/2021 – 9/16/2021 (N=15,001).

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	506	135	641 84 (13.1%)
Total	10,171	4,830	15,001 297 (2.0%)
Illness Characteristics*† N=15,001; n=297			
	Among all Cases		Among Deaths
Gender			
Female	8,363 (55.7%)		142 (47.8%)
Male	6,588 (43.9%)		155 (52.2%)
Median Age (years)	39		73
Age range (years)	0 – 100		21 – 98
Total Hospitalizations	953 (6.4%)		177 (59.6%)
Total with Underlying Conditions	2,207 (54.8%)**		164 (96.5%)**
Underlying Conditions unknown	10,972		127

Total Cases & Deaths by Race*† N =15,001; Total Deaths n=297

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	145	0.97%	<5	1.01%	White	5,905	39.36%	174	58.59%
Hispanic/Latino	<5	0.03%	0	0%	Hispanic/Latino	412	2.75%	<5	1.35%
Non-Hispanic/ Latino	126	0.84%	<5	1.01%	Non-Hispanic/Latino	5,016	33.44%	170	57.24%
Not Specified	15	0.10%	0	0%	Not Specified	477	3.18%	0	0%
Black	6,357	42.38%	115	38.72%	Other	489	3.26%	<5	1.01%
Hispanic/Latino	91	0.61%	0	0%	Hispanic/Latino	162	1.08%	<5	1.01%
Non-Hispanic/Latino	5,716	38.10%	115	38.72%	Non-Hispanic/Latino	165	1.10%	0	0%
Not Specified	550	3.67%	0	0%	Not Specified	162	1.08%	0	0%
Native Hawaiian/Pacific Islander	12	0.08%	0	0%	Unknown	2,073	13.82%	<5	0.34%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	162	1.08%	<5	0.34%
Non-Hispanic/Latino	10	0.07%	0	0%	Non-Hispanic/Latino	208	1.39%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,703	11.35%	0	0%
American Indian/Alaskan Native	20	0.13%	<5	0.34%	*Data Source: GA DPH, State Electronic Disease Surveillance System				
Hispanic/Latino	0	0%	0	0%	**Among patients with underlying conditions information available				
Non-Hispanic/Latino	12	0.08%	<5	0.34%	Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Not Specified	8	0.05%	0	0%	† Represents total confirmed and presumptive cases				

Epidemiology Overview of Rockdale County



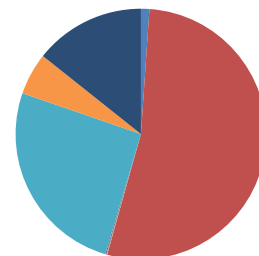
COVID-19 County Overview, data as of 1pm September 16, 2021

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.

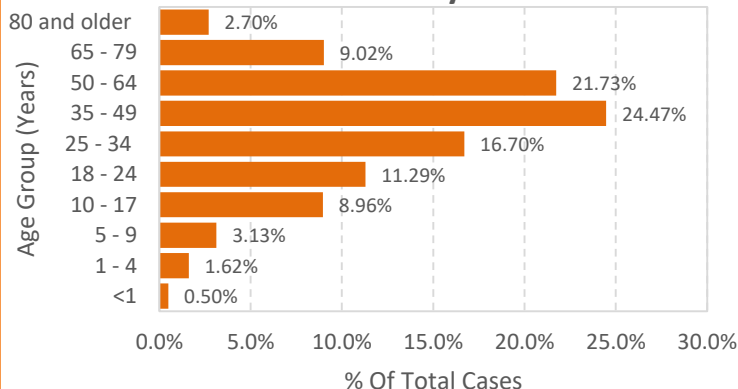
In Rockdale County there has been a 3.0% increase in newly confirmed COVID-19 Cases between the week of **9/2/2021 – 9/9/2021 (N=10,142)** and **9/9/2021 – 9/16/2021 (N=10,446)**.

Race Distribution of Cases in Rockdale County

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



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)
Outbreak	399	82	481	49 (10.2%)
Total	8,171	2,275	10,446	200 (1.9%)
Illness Characteristics*† N=10,446; n=200				
	Among all Cases		Among Deaths	
Gender				
Female	5,910 (56.6%)		101 (50.5%)	
Male	4,492 (43.0%)		99 (49.5%)	
Median Age (years)	40		73	
Age range (years)	0 – 100		27 – 100	
Total Hospitalizations	1,177 (11.3%)		157 (78.5%)	
Total with Underlying Conditions	2,022 (60.9%)**		153 (97.5%)**	
Underlying Conditions unknown	7,126		43	

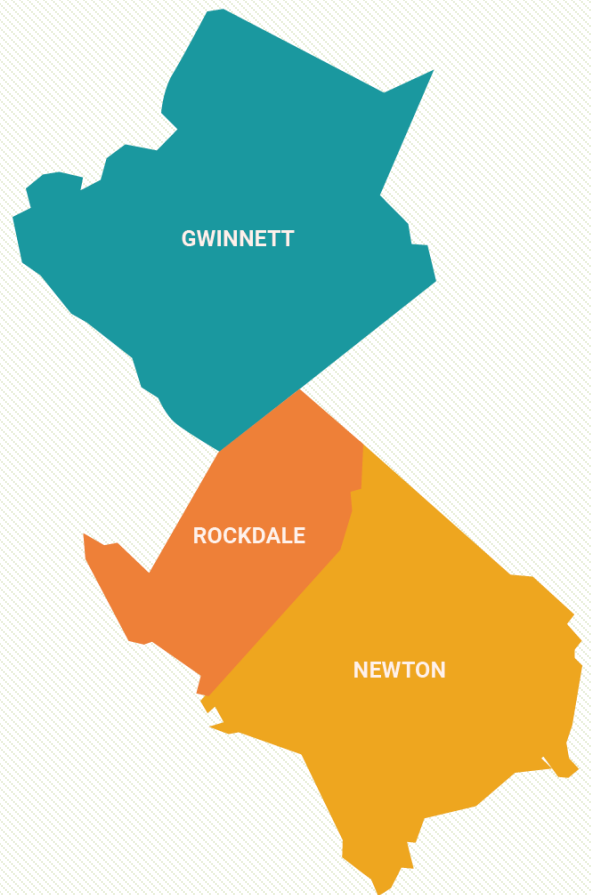
Total Cases & Deaths by Race*† N=10,446; Total Deaths n=200

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	113	1.08%	<5	1.00%	White	2,683	25.68%	102	51.00%
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	441	4.22%	7	3.50%
Non-Hispanic/Latino	93	0.89%	<5	1.00%	Non-Hispanic/Latino	2,016	19.30%	95	47.50%
Not Specified	20	0.19%	0	0%	Not Specified	226	2.16%	0	0%
Black	5,564	53.26%	90	45.00%	Other	566	5.42%	5	2.50%
Hispanic/Latino	87	0.83%	0	0%	Hispanic/Latino	266	2.55%	<5	2.00%
Non-Hispanic/Latino	4,978	47.65%	90	45.00%	Non-Hispanic/Latino	136	1.30%	<5	0.50%
Not Specified	499	4.78%	0	0%	Not Specified	164	1.57%	0	0%
Native Hawaiian/Pacific Islander	10	0.10%	0	0%	Unknown	1,494	14.30%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	188	1.80%	0	0%
Non-Hispanic/Latino	8	0.08%	0	0%	Non-Hispanic/Latino	147	1.41%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,159	11.10%	0	0%
American Indian/Alaskan Native	16	0.15%	<5	0.50%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	<5	0.02%	0	0%					
Non-Hispanic/Latino	10	0.10%	<5	0.50%					
Not Specified	<5	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 COVID-19 Cases among Vaccinated Residents

**Data as of 8am September
16, 2021**



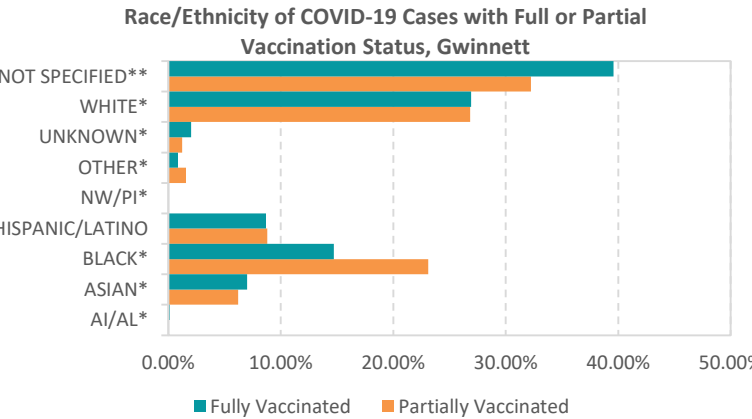
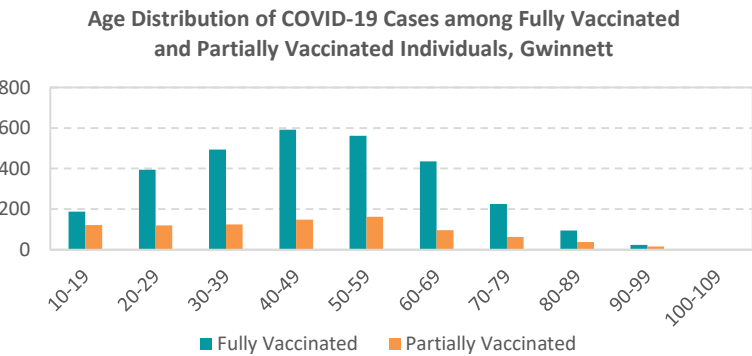
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am September 16, 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	9 (0.3%)	<5 (0.1%)	0 (0%)	0 (0%)
Asian	247 (8.2%)	59 (6.7%)	<5 (14.3%)	8 (18.2%)
Black	517 (17.2%)	248 (28.0%)	<5 (14.3%)	5 (11.4%)
Native Hawaiian/Pacific Islander	<5 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	169 (5.6%)	53 (6.0%)	0 (0%)	<5 (2.3%)
Unknown	1,040 (34.5%)	226 (25.5%)	0 (0%)	0 (0%)
White	1,027 (34.1%)	299 (33.7%)	5 (71.4%)	30 (68.2%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	262 (8.7%)	78 (8.8%)	0 (0%)	<5 (2.3%)
Non-Hispanic/Latino	1,557 (51.7%)	523 (59.0%)	7 (100.0%)	43 (97.7%)
Not Specified	1,192 (39.6%)	286 (32.2%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	3,011 (4.9%)	887 (1.5%)	57,121 (93.6%)
Deaths	7 (1.4%)	44 (8.7%)	456 (89.9%)

Illness Characteristics N=3,011 n=7		
Fully Vaccinated	Cases	Deaths
Gender		
Female	1,740 (57.8%)	<5 (42.9%)
Male	1,271 (42.2%)	<5 (57.1%)
Median Age (years)	47	80
Age range (years)	12-101	49-95
Range of days between last dose and test date	15-245	17-146
Median of days between last dose and test date	123.0	64.0
Outbreak related	80	<5
Hospitalizations	84 (2.8%)	6 (85.7%)

Illness Characteristics N=887 n=44		
Partially Vaccinated	Cases	Deaths
Gender		
Female	496 (55.9%)	22 (50.0%)
Male	391 (44.8%)	22 (50.0%)
Median Age (years)	45	82
Age range (years)	12-96	36-95
Range of days between last dose and test date	0-261	2-192
Median of days between last dose and symptom onset	11.0	11.0
Outbreak related	34	6
Hospitalizations	73 (8.2%)	31 (70.5%)

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

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validation are ongoing

Gwinnett, Newton, & Rockdale County Health Departments

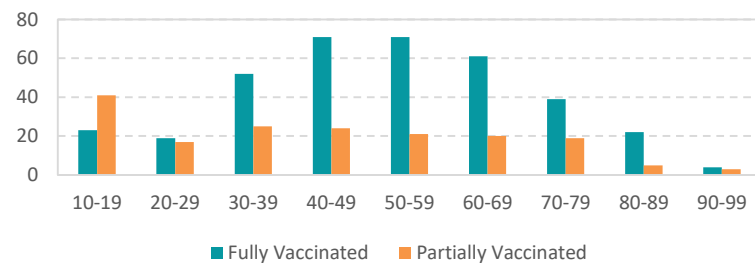


COVID-19 Cases among Vaccinated Newton Residents, data as of 8am September 16, 2021

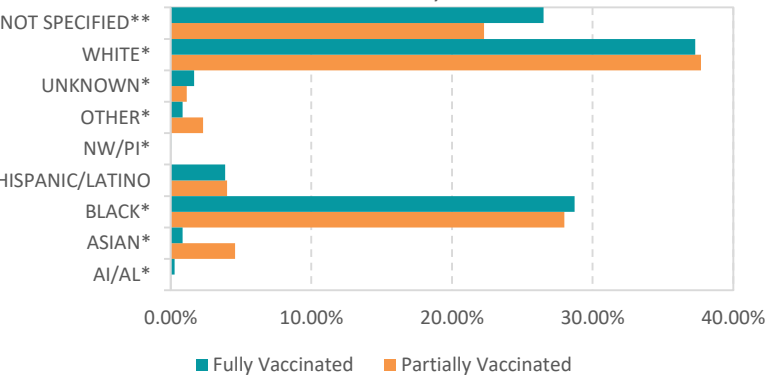
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

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



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.3%)	0 (0%)	0 (0%)	0 (0%)
Asian	5 (1.4%)	8 (4.6%)	0(0%)	<5 (14.3%)
Black	119 (32.9%)	56 (32.0%)	<5 (33.3%)	<5 (57.1%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	<5 (1.10%)	7 (4.0%)	0 (0%)	0 (0%)
Unknown	82 (22.7%)	35 (20.0%)	0 (0%)	0 (0%)
White	151 (41.7%)	69 (39.4%)	<5(66.7%)	<5 (28.7%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	14 (4.0%)	7 (4.0%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	252 (69.6%)	129 (73.7%)	<5(100.0%)	6 (100.0%)
Not Specified	96 (26.5%)	39 (22.3%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths

	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	362 (4.1%)	175 (2.0%)	8,209 (93.9%)	8,746
Deaths	3 (2.6%)	7 (6.0%)	107 (91.5%)	117

Illness Characteristics N=362 n<5

Fully Vaccinated	Cases	Deaths
Gender		
Female	225 (62.2%)	<5 (66.7%)
Male	137 (37.9%)	<5 (33.3%)
Median Age (years)	51	74
Age range (years)	12-93	40 - 76
Range of days between last dose and symptom onset	15-230	33-103
Median of days between last dose and symptom onset	120.0	92.0
Outbreak related	9	0
Hospitalizations	19 (5.3%)	<5 (33.3%)

Illness Characteristics N=175 n= 7

Partially Vaccinated	Cases	Deaths
Gender		
Female	99 (56.7%)	5 (71.4%)
Male	76 (43.3%)	<5 (28.6%)
Median Age (years)	40	76
Age range (years)	12-94	56-93
Range of days between last dose and test date	0-223	9-153
Median of days between last dose and test date	10.0	11.0
Outbreak related	9	<5
Hospitalizations	24 (13.7%)	6 (85.7%)

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

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

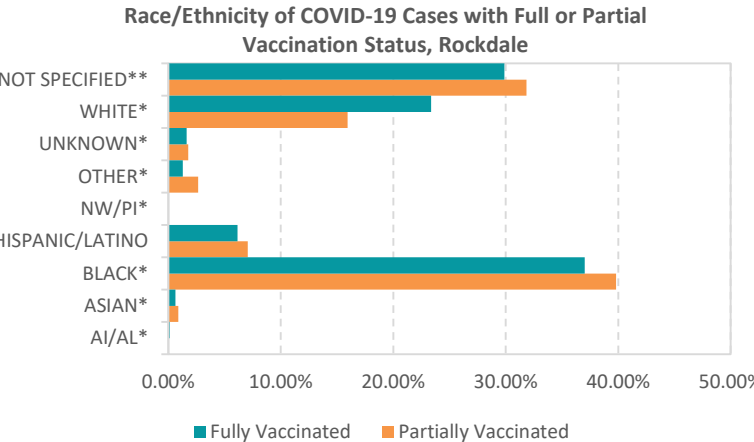
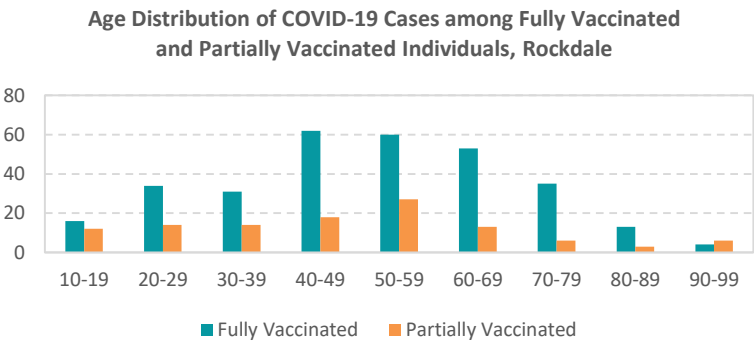
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am September 16, 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	<5 (0.7%)	0 (0%)	0 (0%)	0 (0%)
Asian	<5 (0.7%)	<5 (0.9%)	0 (0%)	<5 (14.3%)
Black	135 (43.8%)	59 (52.2%)	<5 (50.0%)	<5 (14.3%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	13 (4.2%)	9 (8.0%)	0 (0%)	0(0%)
Unknown	73 (23.7%)	22 (19.5%)	0 (0%)	0 (0%)
White	83 (27.0%)	22 (19.5%)	<5 (50.0%)	5 (71.4%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	19 (6.2%)	8 (7.1%)	<5 (25.0%)	0 (0%)
Non-Hispanic/Latino	197 (64.0%)	69 (61.1%)	<5 (75.0%)	7 (100.0%)
Not Specified	92 (29.9%)	36 (31.9%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths				
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	308 (5.0%)	113 (1.8%)	5,754 (93.1%)	6,175
Deaths	<5 (5.3%)	7 (9.2%)	65 (85.5%)	76

Illness Characteristics N=308 n<5		
Fully Vaccinated	Cases	Deaths
Gender		
Female	202 (65.8%)	<5 (75.0%)
Male	106 (34.4%)	<5 (25.0%)
Median Age (years)	51	68
Age range (years)	14-92	58-90
Range of days between last dose and symptom onset	15-236	103-157
Median of days between last dose and symptom onset	125.5	126.5
Outbreak related	6	0
Hospitalizations	24 (7.8%)	<5 (75.0%)

Illness Characteristics N=113 n=7		
Partially Vaccinated	Cases	Deaths
Gender		
Female	64 (56.6%)	5 (71.4%)
Male	49 (43.4%)	<5 (28.6%)
Median Age (years)	48	91
Age range (years)	12-99	75-99
Range of days between last dose and symptom onset	1-235	3-147
Median of days between last dose and symptom onset	10.0	15.0
Outbreak related	12	5
Hospitalizations	19 (16.8%)	<5 (57.1%)

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