Charles County Emergency Services

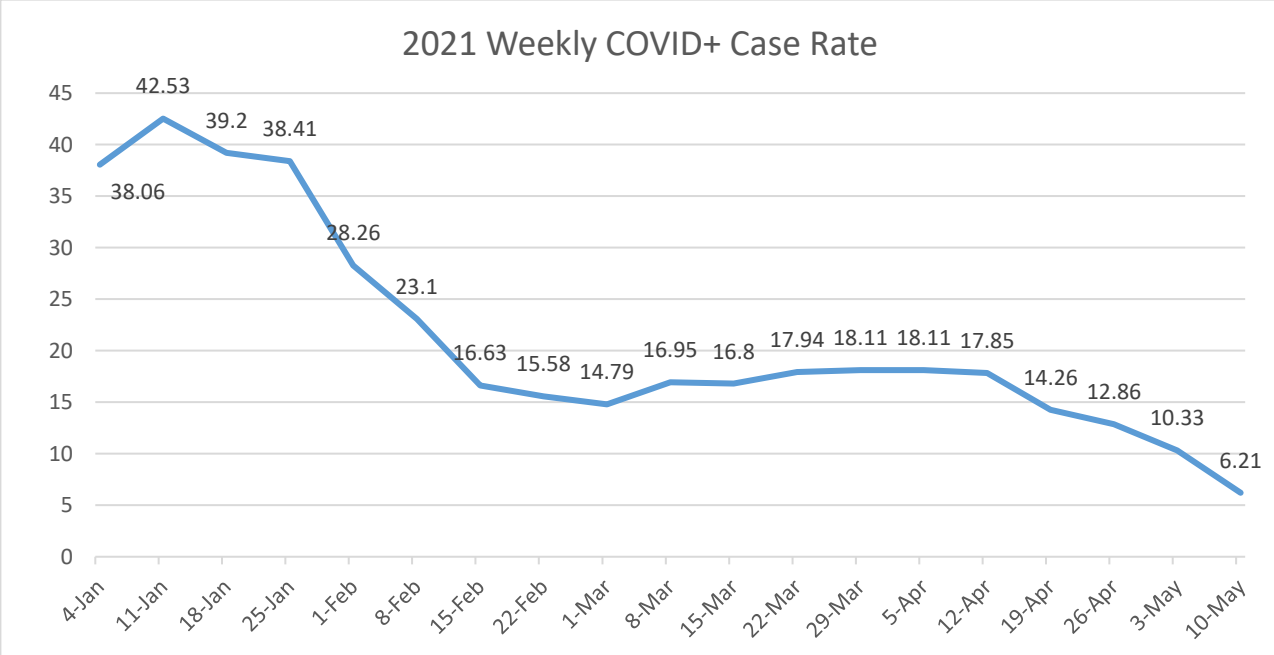
Situation Report #136

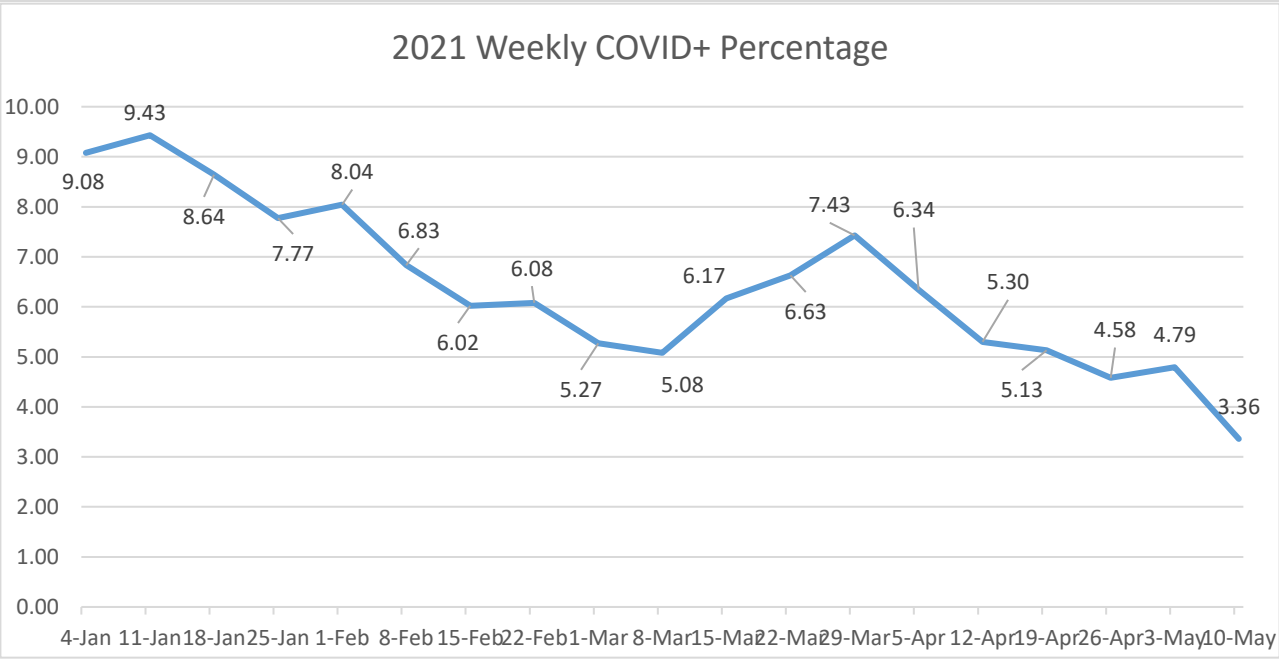
SITUATION

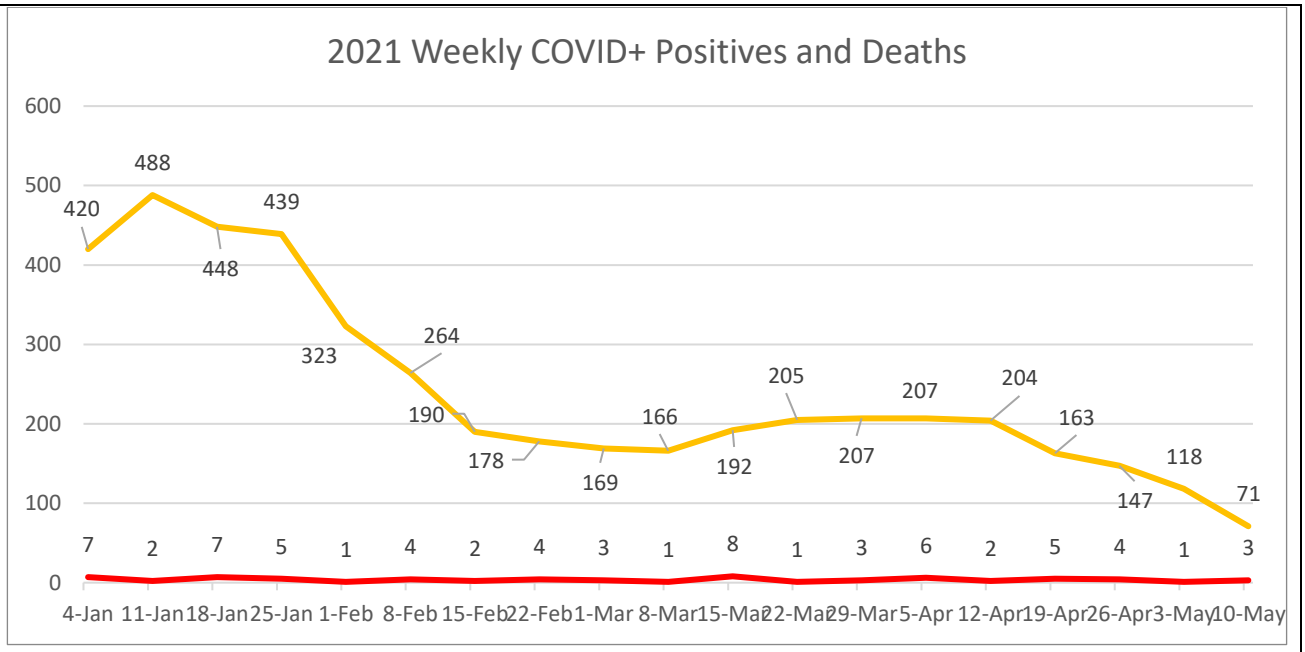
Situation Summary:

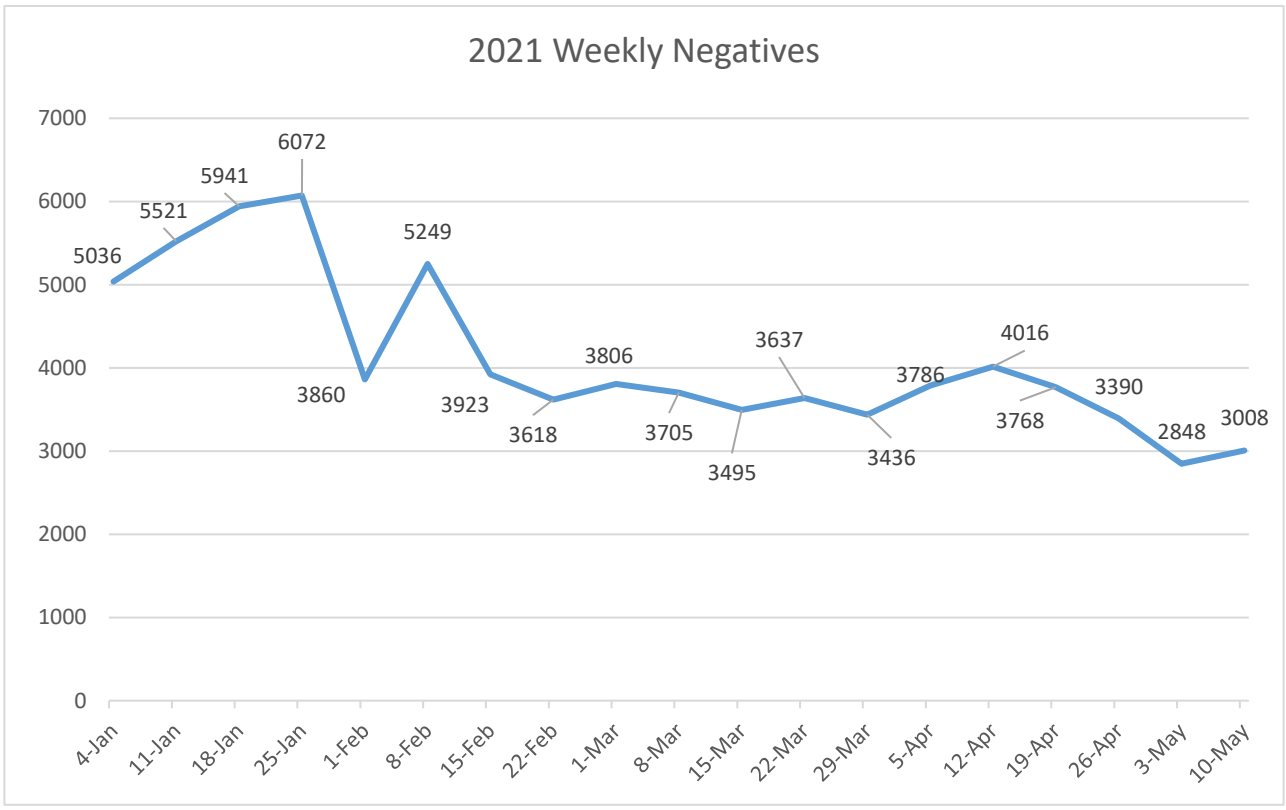
Global COVID-19 situation map here

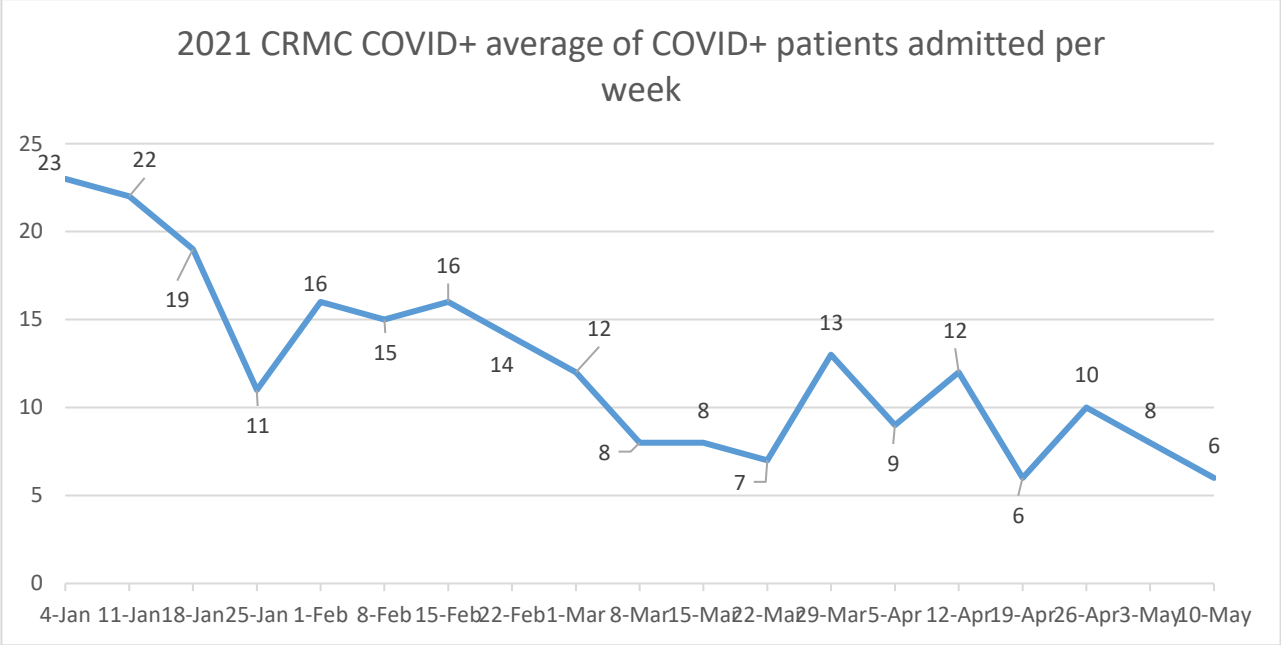
Maryland summary map here

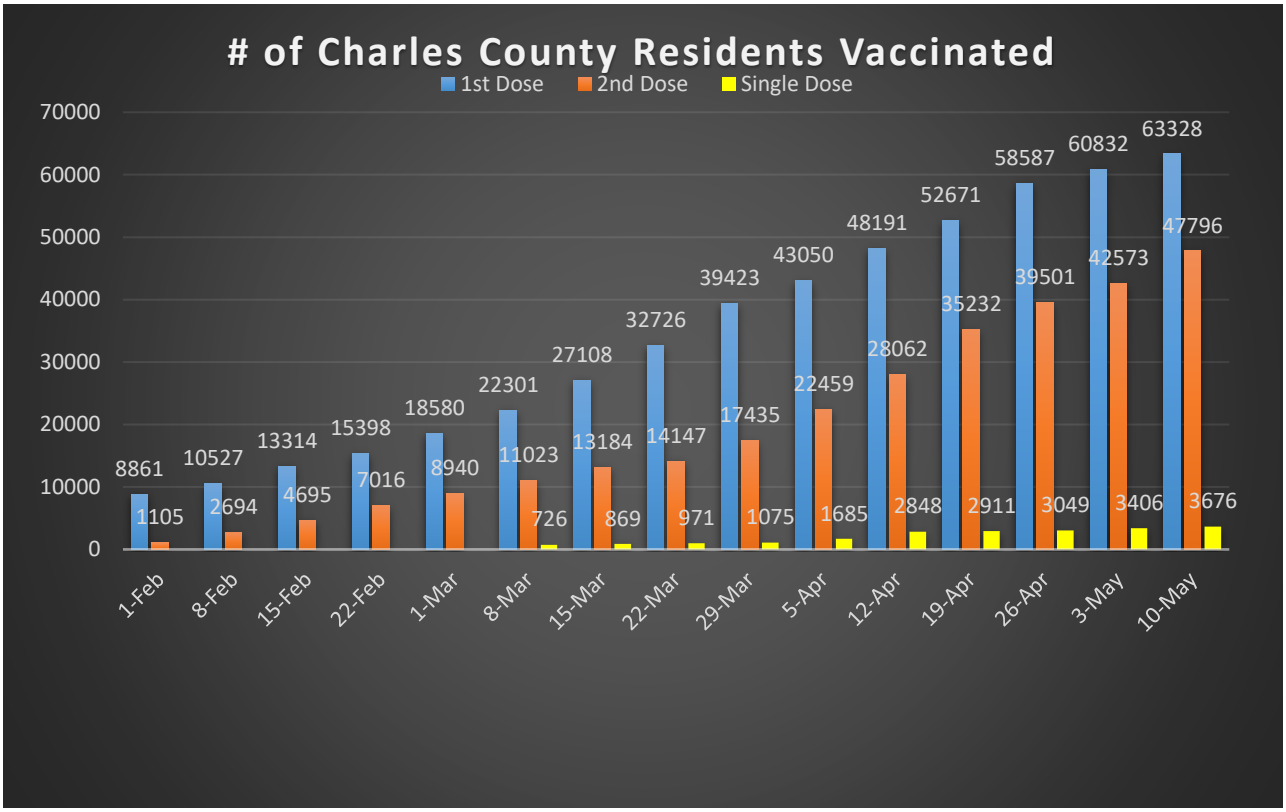





2021 Weekly COVID+ Positives and Deaths
600
500
400
300
200
100
0
420
488
448
439
323
264
190
178
169
166
192
205
207
207
204
163
147
118
71
7
2
7
5
1
4
2
4
3
1
8
1
3
6
2
5
4
1
3
4-Jan
11-Jan
18-Jan
25-Jan
1-Feb
8-Feb
15-Feb
22-Feb
1-Mar
8-Mar
15-Mar
22-Mar
29-Mar
5-Apr
12-Apr
19-Apr
26-Apr
3-May
10-May


2021 Weekly Negatives
7000
6000
5000
4000
3000
2000
1000
0
5036
5521
5941
6072
3860
5249
3923
3618
3806
3705
3637
3495
3786
4016
3768
3390
2848
3008
4-Jan
11-Jan
18-Jan
25-Jan
1-Feb
8-Feb
15-Feb
22-Feb
1-Mar
8-Mar
15-Mar
22-Mar
29-Mar
5-Apr
12-Apr
19-Apr
26-Apr
3-May
10-May





Charts based upon the data provided by the HD

Charles County Dept of Health Data:	10713 cases total reported since the beginning of the event. 71 new cases since 5/7, 15 new cases in last 24 hours There have been significant declines in the weekly totals of new cases for the last month. This week's total of 71 cases is a reduction from 118 cases reported in the previous week. Among confirmed cases, 5774 (53.9%) Female; 4939 (46.1%) Male Age range of positive COVID-19 cases: 0-103 years Average age of confirmed cases: 40.2 Age Distribution for Charles County cases: Under 18 years: 1428 (13.3%) 18-64 years: 8133 (75.9%) 65+ years: 1152 (10.8%)
	177,654 negative tests results
	7-day average case rate per 100,000 population: Charles County: Maryland: 5/7: 9.63 10.28 5/8: 8.23 9.77 5/9: 7.96 9.20 5/10: 7.35 8.96 5/11: 6.65 8.46 5/12: 6.30 8.22 5/13: 6.21 7.61 7-day average percent positivity rate: Charles County: Maryland: 5/7: 4.63% 3.44% 5/8: 4.12% 3.31% 5/9: 3.87% 3.06% 5/10: 3.82% 2.88% 5/11: 3.52% 2.74% 5/12: 3.30% 2.66% 5/13: 3.36% 2.60% Total Number of negative lab results: 177,654 Number of negative lab results since 5/7: 3,008 Total testing volume for Charles County (positive and negative): 188,367 Percentage of Charles County residents who have been tested for COVID-19: 53.2% Total Positivity Rate for all lab results thus far: 5.69% 7-day positivity rate for all lab results: 3.36% **Total Testing Volume per 1000 population by Race:** Maryland: 1521.43 Charles County: 1208.64 Charles County Asian: 449.05

Charles County African American/Black: 1137.88
Charles County Other Race: 1217.56
Charles County White/Caucasian: 792.23

Positive Tests per 1000 by Race:
Maryland: 81.07
Charles County: 73.74
Charles County Asian: 26.69
Charles County African Americans: 73.49
Charles County Other: 119.51
Charles County White: 46.63

Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between May 7- May 13: 2.89 days

Average number of days from specimen collection date to reporting to public health for all positive lab results between May 7- May 13: 2.93 days

Weekly data update for contact tracing:
1. Open Cases- still working

166 from CCDOH
11 from NORC
Total: 177

2. Closed cases- no need for further tracing

Total: 5934

3. Cleared Cases

Total: 4851

Data from CovidLink:
11,055 case records for Charles County in CovidLink to date. This data is a combination of data coming from CRISP, the MDH confirmed cases databases, and the data collected during the contact tracing interview/follow-up process.

Of cases who reported having symptoms (49.2%)*, the most common symptoms were cough, congestion/runny nose, headache, muscle aches/pain, and loss of taste and/or smell.
5,055 cases reported having no COVID-19 symptoms (45.7%)*.

*10,493 out of 11,055 cases reported whether or not they were experiencing COVID-19 symptoms. Due to this, these percentages will not add up to 100%.

928 required hospitalization*, or 8.7% of the confirmed cases. Percentage of COVID-19 cases hospitalized has decreased weekly since the second peak in December-January.

	192 confirmed deaths, 3 additional deaths since previous report. Two of the most recent deaths were added from April 2021. There has been 1 death for the month of May to date. There have been 192 confirmed deaths associated with COVID-19. This equates to 1.8% of total confirmed cases. The Charles County death rate of 1.8% is below the MD state average death rate of 1.9%. We have seen a decrease in the average age of COVID-19 related deaths now that the majority of individuals in the 65+ population have been vaccinated. There are 2 probable COVID-19 deaths. COVID-19 is listed as the cause of death due to symptoms indicative of disease and/or the case was epidemiologically linked to a COVID-1 outbreak. However, there is not laboratory confirmation with a viral nucleic acid or antigen test. Average age of fatalities: 74.2 years Age Distribution of Fatalities: • 0-49 years: 14 (7.2%) • 50-59 years: 22 (11.3%) • 60-69 years: 28 (14.4%) • 70-79 years: 62 (32.0%) • 80-89 years: 44 (22.7%) • 90+ years: 24 (12.4%) Gender breakdown among fatalities: 94 or 48.5% Female 100 or 51.5% Male Racial breakdown among fatalities: 39.7% Non-Hispanic White 51.5% Non-Hispanic Black 2.6% Non-Hispanic Asian 1.0% Non-Hispanic Other 5.2% Hispanic Location of death: Hospital Inpatient: 129 or 66.5% Nursing Home: 35 or 18.0% Other/Home/Emergency Room/Outpatient: 30 or 15.5%
	Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/ Asian: 99 (0.9%) Black/African American: 5007 (46.7%) White: 2591 (24.2%) Other: 859 (8.0%) American Indian/Alaskan Native: 27 (0.3%) Native Hawaiian/Pacific Islander: <7 (0.01%) Data not available/Declined to Answer: 2129 (19.9%) Ethnicity: Hispanic: 614 (5.7%) Non-Hispanic: 8388 (78.3%) Data not available/Declined to Answer: 1711 (16.0%)

Zip code:	Total number of positive cases	Number of new positive cases since 5/7	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
20601	1835	6	74	69.47
20602	2026	12	117	77.69
20603	2151	18	109	68.50
20604	30	0	0	NA
20611	61	0	5	39.74
20613	106	2	0	7.65
20616	505	2	28	82.71
20622	109	0	0	17.30
20632	37	1	1	NA
20637	298	5	12	52.44
20640	675	7	32	67.38
20645	51	0	1	NA
20646	1181	5	37	56.31
20658	59	0	3	NA
20662	159	3	1	53.11
20664	143	0	6	40.85
20675	99	2	1	45.81
20677	131	3	10	50.33
20693	61	0	2	NA
20695	879	7	38	110.93

Case Rates for Zip Codes Shared by Charles County and Prince George's County:
20607, Accokeek: 79.13
20613, Brandywine: 81.70

20607 and 20613 are no longer amongst the lowest case rates in Prince George's County. They have seen increases over the past few months; However, they are still not the highest case rates in the county. Their case rates are comparable to the neighboring zip codes in Waldorf.

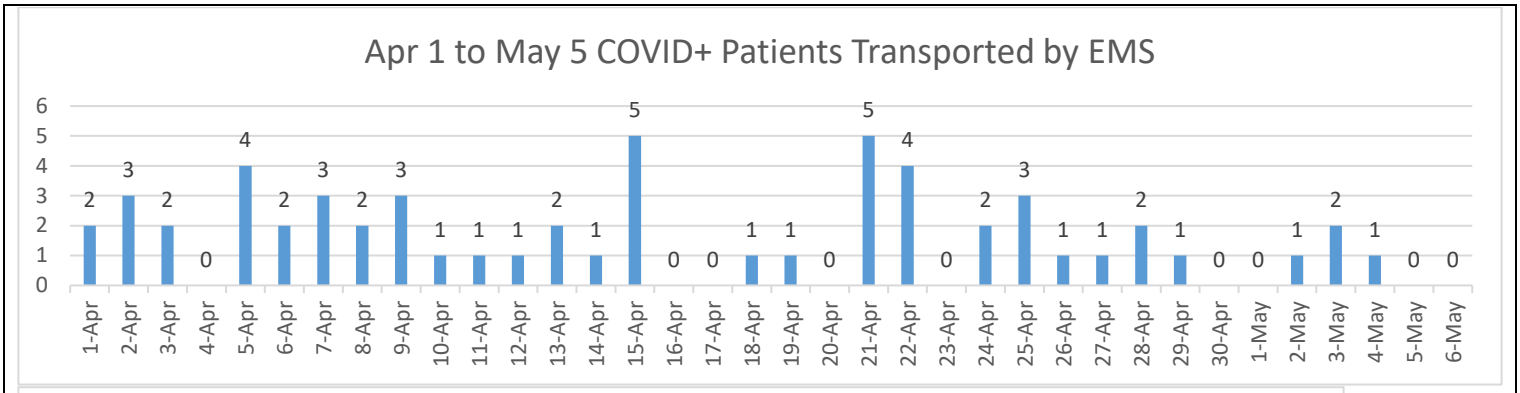
Case rates for other Prince George's County Zip Codes that are near Charles County:
20623, Rosaryville: 64.42
20772, Upper Marlboro: 82.63
20744, Fort Washington: 81.02

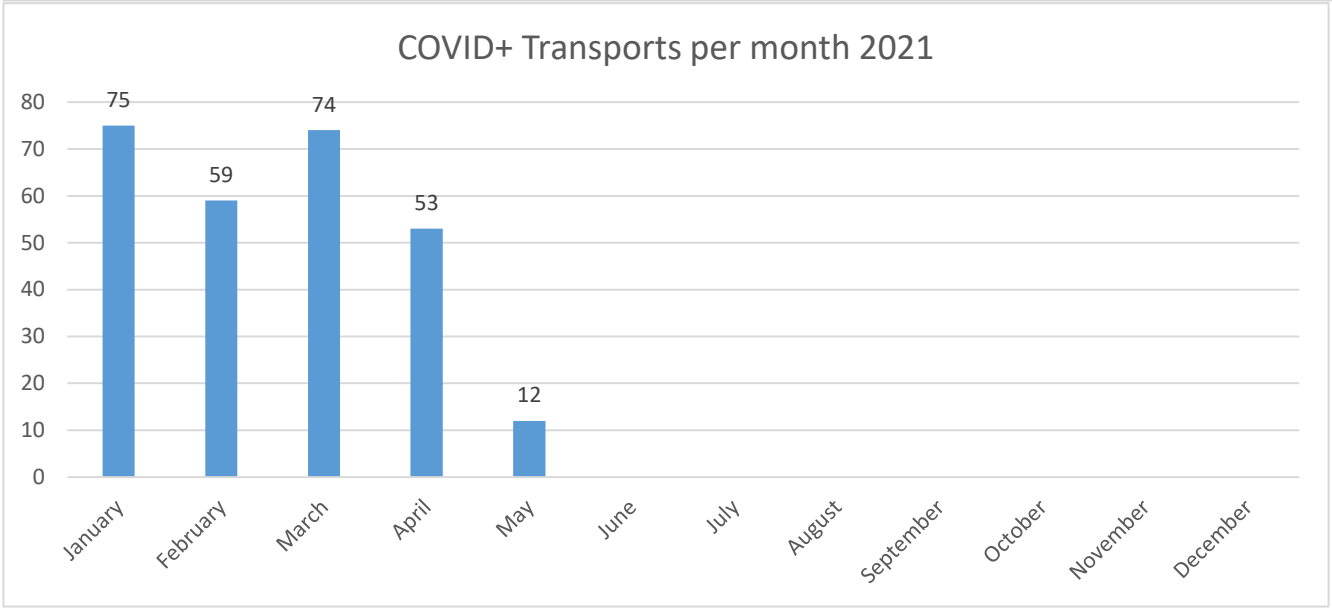
Charles County Dept of Health COVID-19

Vaccination Data:

COVID-19 Vaccination Doses for Charles County Residents:
First Doses: 63328
Second Doses: 47796

Vaccination Update:	Single Doses: 3676 Total Number of Doses Administered to Charles County residents: 114,800 Number of Doses Administered in the last week: 7989 **COVID-19 Vaccination Doses Administered by the Charles County Department of Health:** First Doses: 24037 Second Doses: 20480 Single Doses: 526 Total Number of Doses Administered by the Charles County Department of Health: 45,043 Total Number of Doses Administered in the last week: 1765 Source: COVID-19 Vaccination Data obtained from Maryland Immunet The first grouping of data reflects the total number of Charles County residents that have received the COVID-19 vaccination. This data reflects COVID-19 vaccines delivered to Charles County residents **not just COVID-19 vaccines administered in Charles County**. Some non-residents may receive COVID-19 vaccination in Charles County due to occupation (e.g., health care workers, Long-Term Care Facility staff, etc.) but are not counted in this total. Please note: This measure is updated daily, however, the actual total may be higher than reported due to delays in the electronic reporting system. *Some vaccination data may be unavailable due to the time lag between vaccine administration and data entry. All data are preliminary and subject to change based on additional reporting.* The second grouping of data reflects the total number of COVID-19 vaccinations administered by the Charles County Department of Health. This data reflects COVID-19 vaccine delivered to both Charles County residents and residents from other jurisdictions that are eligible due to occupation (e.g., health care workers, Long-Term Care Facility staff, etc. working in Charles County). This measure is updated daily, however, the actual total may be higher than reported due to delays in the electronic reporting system. *Some vaccination data may be unavailable due to the time lag between vaccine administration and data entry. All data are preliminary and subject to change based on additional reporting.* **Percent Vaccinated (Ages 12 and older):** Fully Vaccinated (2 doses of multi-dose or 1 dose of single): 37.2% At least one dose administered: 48.4%
Total COVID+ transported by Career & Volunteer EMS:	





First Responders Quarantine/ Isolation	Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive. DES Admin: No change 0 Quarantine 0 Isolation Fire/EMS: 0 Quarantine: means exposed and they can't come to work no change since previous report 0 Isolation: means sick or tested positive no change previous report Animal Control: 0 – Quarantined no change since previous report 0 – isolated no change previous report

	Communications: 0 quarantined no change since previous report 0 isolation no change previous report Law Enforcement (includes CCSO dispatchers): 2 quarantined +2 since previous report 0 isolation no change since previous report
DES HazMat Team	No Decon operations required this week. Continue to support vaccine clinics as requested.
Volunteer Fire, Career & Volunteer EMS	**Stations/Apparatus:** - No Station with any contamination issues. - No Apparatus with any contamination issues. **Personnel Exposure:** None **Incidents/Call Volume:** - No Major Incidents to Report related to COVID-19. - Call volume for Fire and EMS has been average. - Transports of COVID Positive Patients has been the lowest since the start of the Pandemic. **Other Information:** - Continue to push out information about Social Distancing and wearing a mask when unable to do so in the Stations. - All personnel need to continue to utilize proper PPE on incidents. - If Departments are having issues with getting PPE from their Vendors, please send a 213 Form to deslogistics@charlescountymd.gov. - Volunteer Fire/EMS Stations are hosting Health Department Pop Up Vaccine Clinics. - With the new guidance pushed out from the Governor and CDC, we are scheduling a meeting with the Medical Director in the early part of next week to discuss making changes to Special Orders. We appreciate everyone's patience while we work through this.
Charles Regional Medical Center:	**HOSPITAL BRIEF 05-14-2021** • Hospital Bed Capacity = 166. Census = 86 • Hospital COVID Positive Weekly Average Census = 6 • PUI admissions = 2 • ICU Census = 10 • Hospital ICU in now a dedicated COVID-19 Unit, and 3 East is for regular ICU overflow and has 10 beds.

	• A section of the 3 South Patient Care unit has been modified to be dedicated to COVID-19 positive patients only. • Isolation Room Capacity = 12 • Isolation Rooms Occupied = 9 • Ventilated COVID-19 positive patients = 2 • Ventilators not in use = 18 • EMS staff average transported to CRMC for the week of 5/10/2021 = Three (3) Covid-19 positive patients, and zero (0) PUI's.
Law Enforcement	***Agency COVID-19 Numbers:*** Charles County Sheriff's Office: • 1 Sworn Officer quarantined • 0 Sworn Officer isolated • 1 Correctional Officer quarantined • 0 Correctional Officers isolated • 0 civilians quarantined • 0 civilians isolated Charles County Detention Center Population: • 110 inmates • 0 COVID positive inmates • 0 Inmates with symptoms Maryland State Police: • 0 Officer Quarantined • 0 Officers Isolated Maryland Transportation Authority: None local La Plata Police Department: • 0 Officer Quarantined • 0 Officers Isolated • 0 Civilian Isolated Natural Resources Police: • 0 Officer Quarantined • 0 Officers Isolated

	• 0 Civilian Isolated **Definitions** *Quarantine*: Quarantine is the process of keeping an asymptomatic (no symptoms) person who had a reported exposure away from other people. *Isolation:* Isolation is the process of keeping a symptomatic or positive person away from all other people.