

Charles County Emergency Services
Situation Report #134

SITUATION

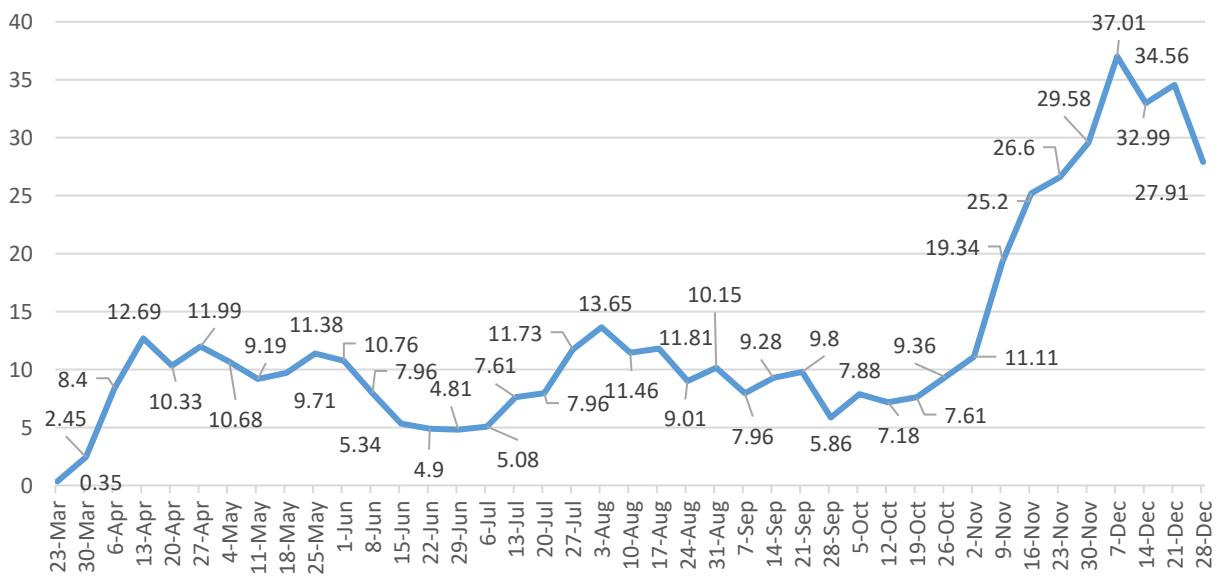
Situation Summary:

Global COVID-19 situation map [here](#)

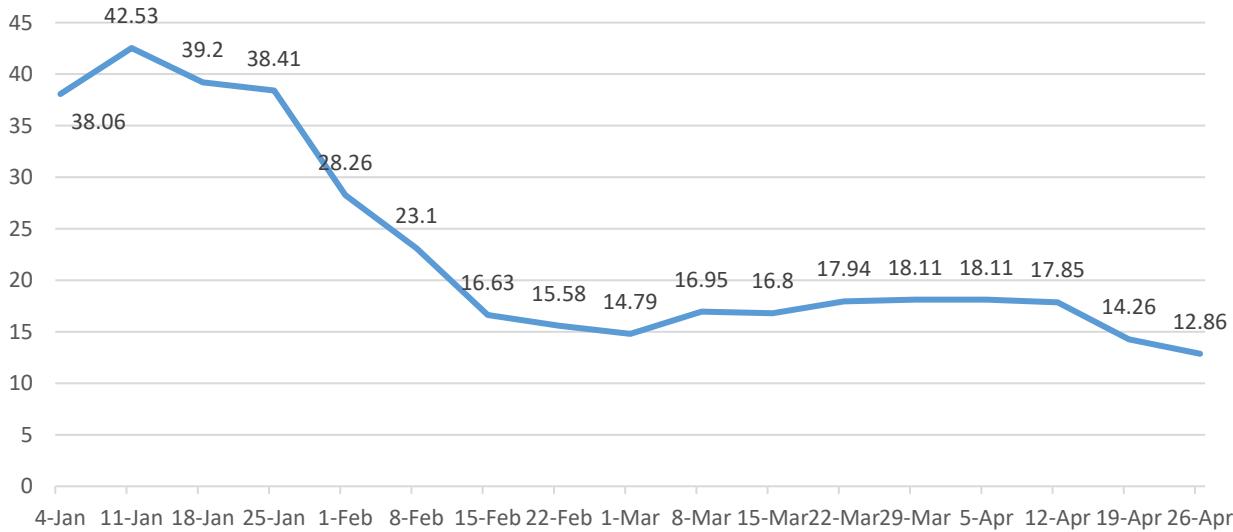
Maryland summary map [here](#)

This week we will switch over to new charts and break the topics presented into years. Both year's charts will be in this SitRep, and future SitReps will only have the 2021 charts.

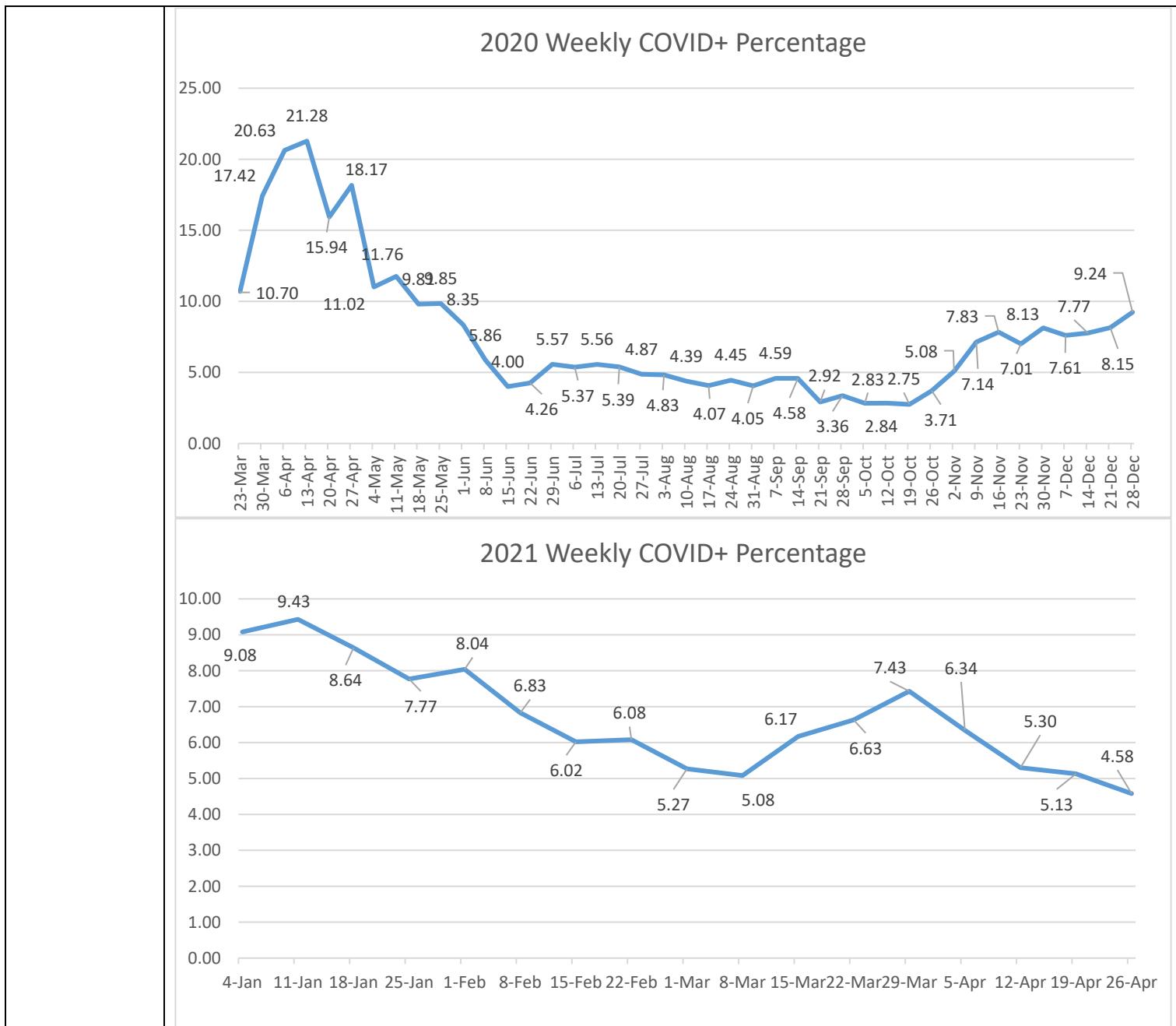
2020 Weekly COVID+ Case Rate



2021 Weekly COVID+ Case Rate

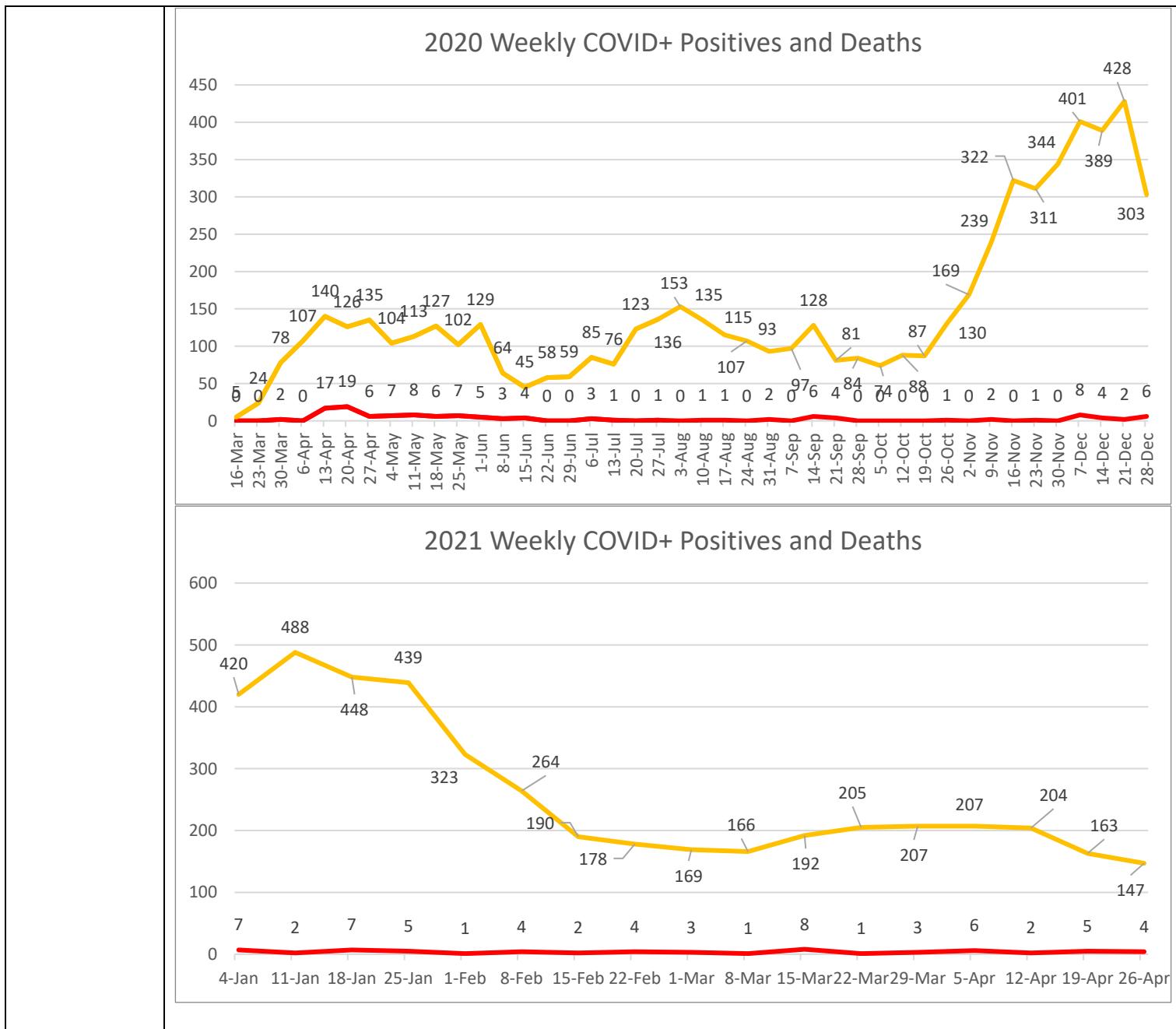


Apr 30, 2021 ~ COVID 19



SitRep #134 ~ Apr 30, 2021 – Next SitRep May 7, 2021

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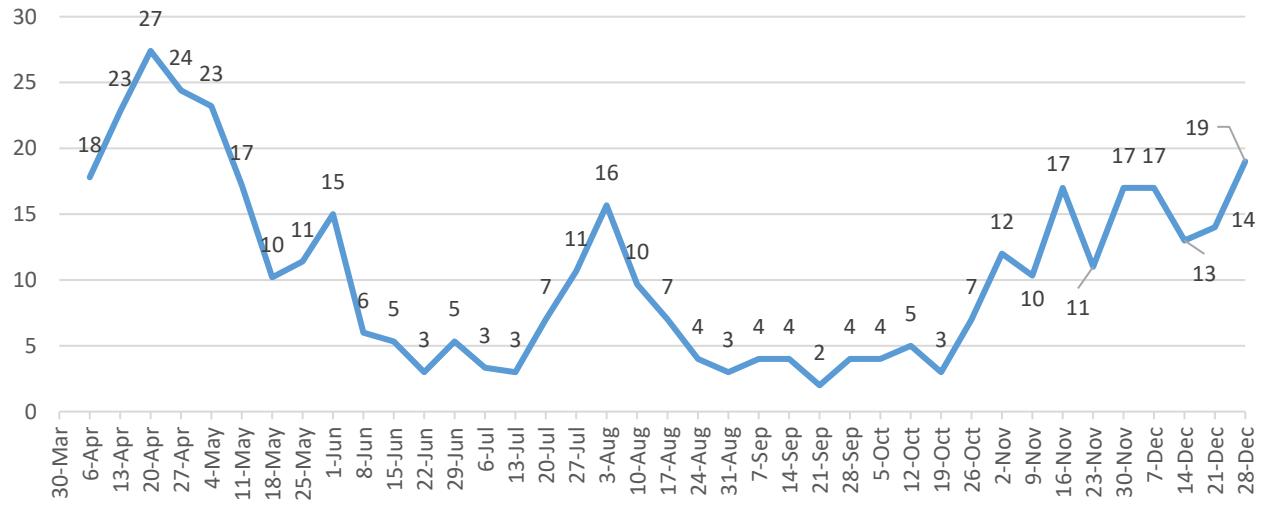
Apr 30, 2021 ~ COVID 19



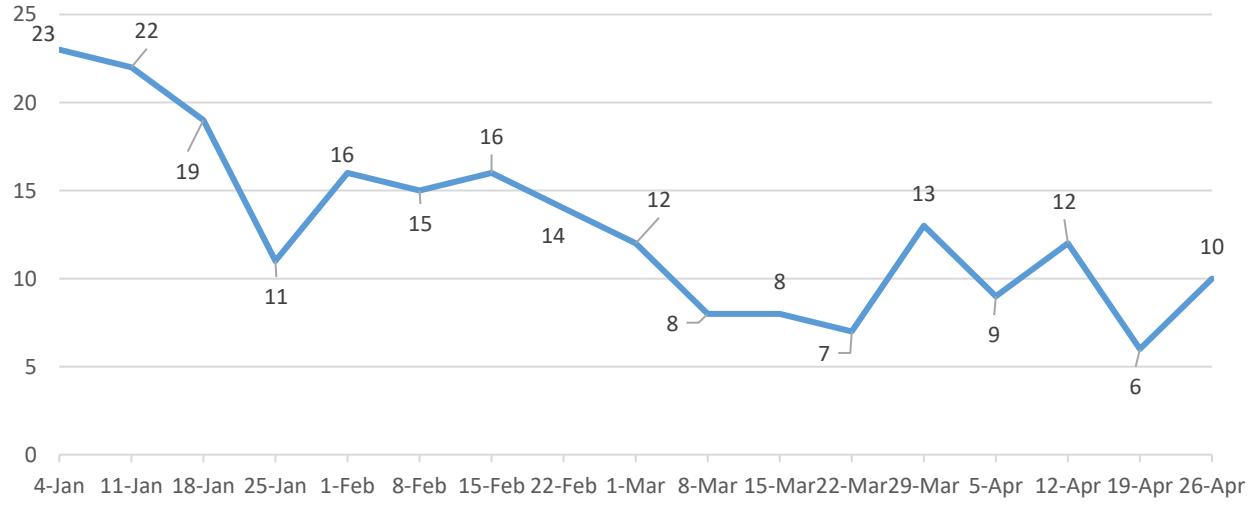
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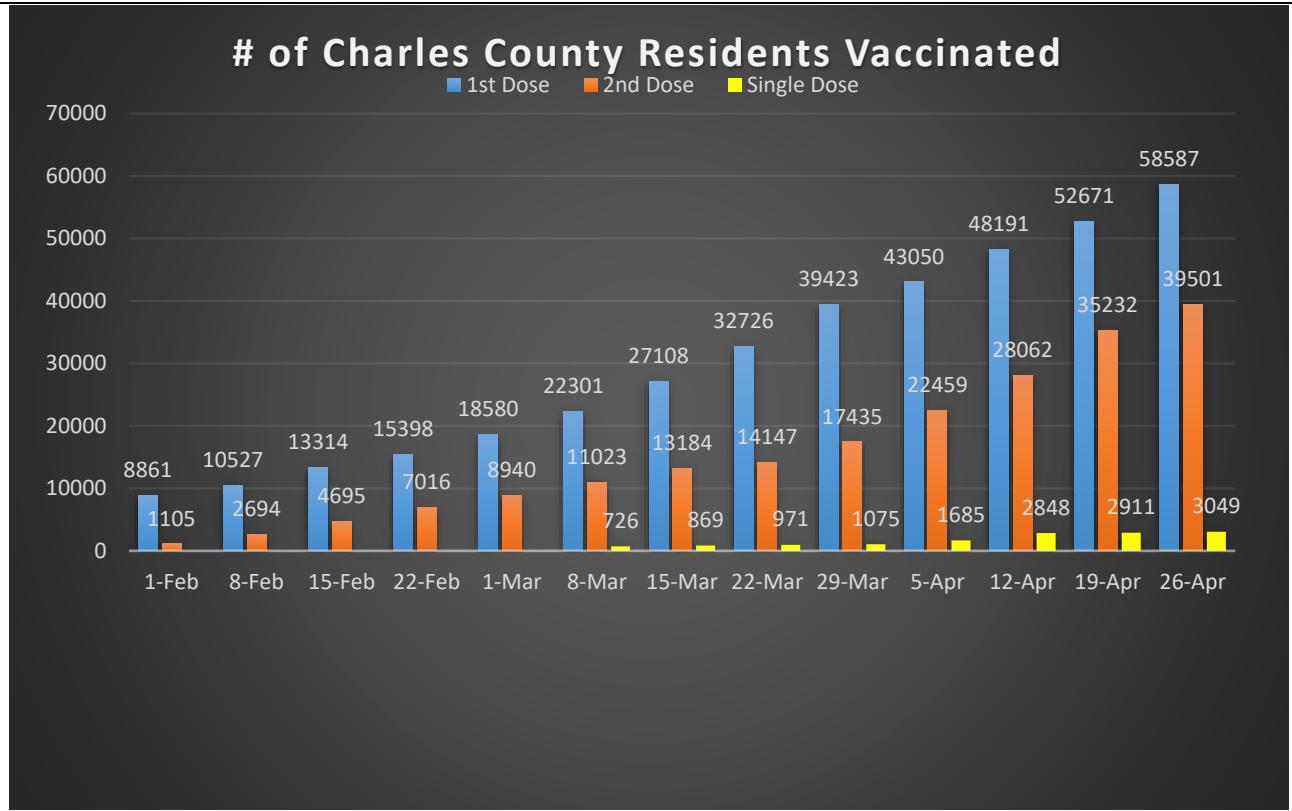
Apr 30, 2021 ~ COVID 19

2020 CRMC COVID+ average of COVID+ patients admitted per week



2021 CRMC COVID+ average of COVID+ patients admitted per week





Charts based upon the data provided by the HD

Charles County Dept of Health Data:

10524 cases total reported since the beginning of the event. 147 new cases since 4/23, 26 new cases in last 24 hours

Among confirmed cases, 5685 (54.0%) Female; 4839 (46.0%) Male

Age range of positive COVID-19 cases: 0-103 years

Average age of confirmed cases: 40.3

Age Distribution for Charles County cases:

Under 18 years: 1387 (13.2%)

18-64 years: 7997 (76.0%)

65+ years: 1140 (10.8%)

171,798 negative tests results

7-day average case rate per 100,000 population:

Charles County: Maryland:

4/23: 14.53 17.70

4/24: 13.48 17.08

4/25: 13.21 16.91

4/26: 13.91 16.32

4/27: 12.69 15.84

4/28: 12.16 15.28

4/29: 12.86 14.76

7-day average percent positivity rate:	
Charles County:	Maryland:
4/23: 5.12%	4.87%
4/24: 5.18%	4.76%
4/25: 5.13%	4.51%
4/26: 4.83%	4.04%
4/27: 4.50%	3.89%
4/28: 4.47%	3.77%
4/29: 4.58%	3.72%
Total Number of negative lab results: 171,798	
Number of negative lab results since 4/23: 3,390	
Total testing volume for Charles County (positive and negative): 182,322	
Percentage of Charles County residents who have been tested for COVID-19: 52.15%	
Total Positivity Rate for all lab results thus far: 5.77%	
7-day positivity rate for all lab results: 4.58%	

Total Testing Volume per 1000 population by Race:

Maryland: 1460.74
Charles County: 1164.53
Charles County Asian: 432.64
Charles County African American/Black: 1093.71
Charles County Other Race: 1172.28
Charles County White/Caucasian: 764.74

Positive Tests per 1000 by Race:

Maryland: 79.56
Charles County: 72.23
Charles County Asian: 26.69
Charles County African Americans: 71.78
Charles County Other: 117.14
Charles County White: 45.77

Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between April 23- April 29: 2.72 days

Average number of days from specimen collection date to reporting to public health for all positive lab results between April 23- April 29: 2.71 days

Weekly data update for contact tracing:

1. Open Cases- still working
368 from CCDOH
63 from NORC
Total: 431
2. Closed cases- no need for further tracing

Total: 5558

Data from CovidLink:

10,796 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 (49.0%)*, the most common symptoms were cough, congestion/runny nose, headache, muscle aches/pain, and loss of taste and/or smell. 4,941 cases reported having no COVID-19 symptoms (45.8%)*.

*10,234 out of 10,796 cases reported whether or not they were experiencing COVID-19 symptoms. Due to this, these percentages will not add up to 100%.

909 required hospitalization*, or 8.6% of the confirmed cases. Percentage of COVID-19 cases hospitalized has continued to be steady. Peak in hospitalization rate coincided with the peak in the skilled nursing facility outbreaks in late April.

*Due to a data reconciliation issue reported by Maryland Department of Health, COVID-19 hospitalization counts were not accurately captured in previous data reports. The number reported above is the accurate number of hospitalizations to date.

188 confirmed deaths, **4 additional deaths since previous report**

There have been 188 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%. However, it should be noted that the majority of deaths in Charles County are associated with outbreaks in skilled nursing facilities. The death rate for Charles County is going down from a high of 7.3% now that the outbreaks at skilled nursing facilities have been contained and/or reduced.

There are 2 probable COVID-19 deaths. COVID-19 is listed as the cause of death, but laboratory testing has not yet been confirmed.

Average age of fatalities: 74.2 years

Age Distribution of Fatalities:

- 0-49 years: 14 (7.4%)
- 50-59 years: 21 (11.1%)
- 60-69 years: 28 (14.7%)
- 70-79 years: 61 (32.1%)
- 80-89 years: 42 (22.1%)
- 90+ years: 24 (12.6%)

Gender breakdown among fatalities:

92 or 48.4% Female

98 or 51.6% Male

Racial breakdown among fatalities:

40.5% Non-Hispanic White

Apr 30, 2021 ~ COVID 19

	<p>51.1% Non-Hispanic Black 2.6% Non-Hispanic Asian <1.0% Non-Hispanic Other 5.3% Hispanic Location of death: Hospital Inpatient: 126 or 66.3% Nursing Home: 34 or 17.9% Other/Home/Emergency Room/Outpatient: 30 or 15.8%</p>																																																																																										
	<p>Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/</p> <p>Asian: 99 (0.9%) Black/African American: 4893 (46.5%) White: 2545 (24.2%) Other: 841 (8.0%) American Indian/Alaskan Native: 27 (0.3%) Native Hawaiian/Pacific Islander: <7 (0.01%) Data not available/Declined to Answer: 2118 (20.1%)</p> <p>Ethnicity: Hispanic: 605 (5.7%) Non-Hispanic: 8217 (78.1%) Data not available/Declined to Answer: 1702 (16.2%)</p>																																																																																										
	<table border="1"> <thead> <tr> <th>Zip code:</th><th>Total number of positive cases</th><th>Number of new positive cases since 4/23</th><th>Number of new negative labs in last 24 hours</th><th>Case Rate per 1000 residents</th></tr> </thead> <tbody> <tr><td>20601</td><td>1808</td><td>20</td><td>81</td><td>68.48</td></tr> <tr><td>20602</td><td>1996</td><td>24</td><td>142</td><td>76.54</td></tr> <tr><td>20603</td><td>2115</td><td>23</td><td>109</td><td>66.35</td></tr> <tr><td>20604</td><td>30</td><td>1</td><td>3</td><td>NA</td></tr> <tr><td>20611</td><td>60</td><td>1</td><td>3</td><td>39.09</td></tr> <tr><td>20613</td><td>102</td><td>1</td><td>0</td><td>7.36</td></tr> <tr><td>20616</td><td>496</td><td>14</td><td>38</td><td>81.23</td></tr> <tr><td>20622</td><td>108</td><td>0</td><td>0</td><td>17.14</td></tr> <tr><td>20632</td><td>36</td><td>1</td><td>1</td><td>NA</td></tr> <tr><td>20637</td><td>289</td><td>9</td><td>10</td><td>50.86</td></tr> <tr><td>20640</td><td>656</td><td>10</td><td>31</td><td>66.38</td></tr> <tr><td>20645</td><td>51</td><td>0</td><td>1</td><td>NA</td></tr> <tr><td>20646</td><td>1168</td><td>10</td><td>58</td><td>55.69</td></tr> <tr><td>20658</td><td>57</td><td>1</td><td>2</td><td>NA</td></tr> <tr><td>20662</td><td>153</td><td>1</td><td>10</td><td>51.10</td></tr> <tr><td>20664</td><td>141</td><td>2</td><td>14</td><td>40.27</td></tr> <tr><td>20675</td><td>97</td><td>2</td><td>6</td><td>44.89</td></tr> </tbody> </table>	Zip code:	Total number of positive cases	Number of new positive cases since 4/23	Number of new negative labs in last 24 hours	Case Rate per 1000 residents	20601	1808	20	81	68.48	20602	1996	24	142	76.54	20603	2115	23	109	66.35	20604	30	1	3	NA	20611	60	1	3	39.09	20613	102	1	0	7.36	20616	496	14	38	81.23	20622	108	0	0	17.14	20632	36	1	1	NA	20637	289	9	10	50.86	20640	656	10	31	66.38	20645	51	0	1	NA	20646	1168	10	58	55.69	20658	57	1	2	NA	20662	153	1	10	51.10	20664	141	2	14	40.27	20675	97	2	6	44.89
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20677	124	2	12	47.64
20693	61	0	2	NA
20695	862	16	53	108.78

The methodology for case rate calculations by CRISP has changed slightly. Therefore, the case rate calculations by zip code have changed. They cannot be compared to the rates that were previously reported due to differing methodologies.

Case Rates for Zip Codes Shared by Charles County and Prince George's County:
20607, Accokeek: 77.00
20613, Brandywine: 80.04

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.

Case rates for other Prince George's County Zip Codes that are near Charles County:
20623, Rosaryville: 63.39
20772, Upper Marlboro: 81.16
20744, Fort Washington: 79.78

**Charles
County Dept
of Health
COVID-19
Vaccination
Update:**

Vaccination Data:

COVID-19 Vaccination Doses for Charles County Residents:

First Doses: 58587
Second Doses: 39501
Single Doses: 3049

COVID-19 Vaccination Doses Administered by the Charles County Department of Health:

First Doses: 23319
Second Doses: 18003
Source: CRISP Reports on COVID-19 Vaccination Data, Original Source MDH 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.*

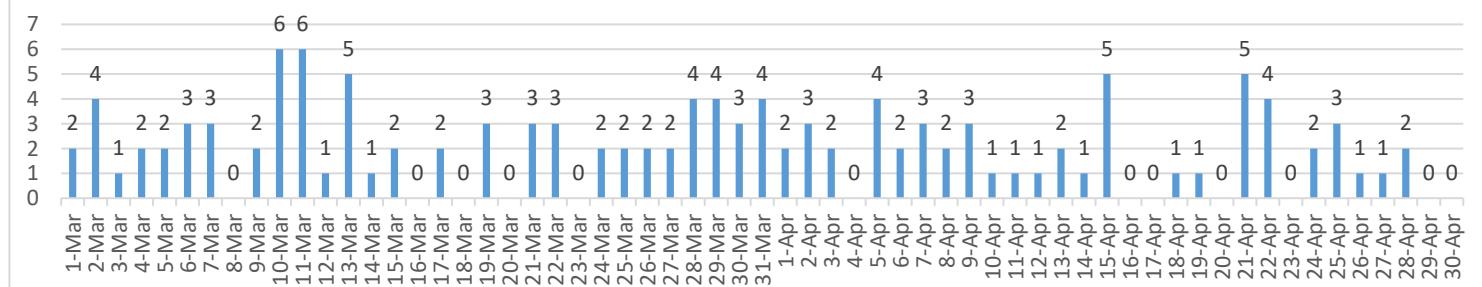
Percent Vaccinated (Ages 16 and older):

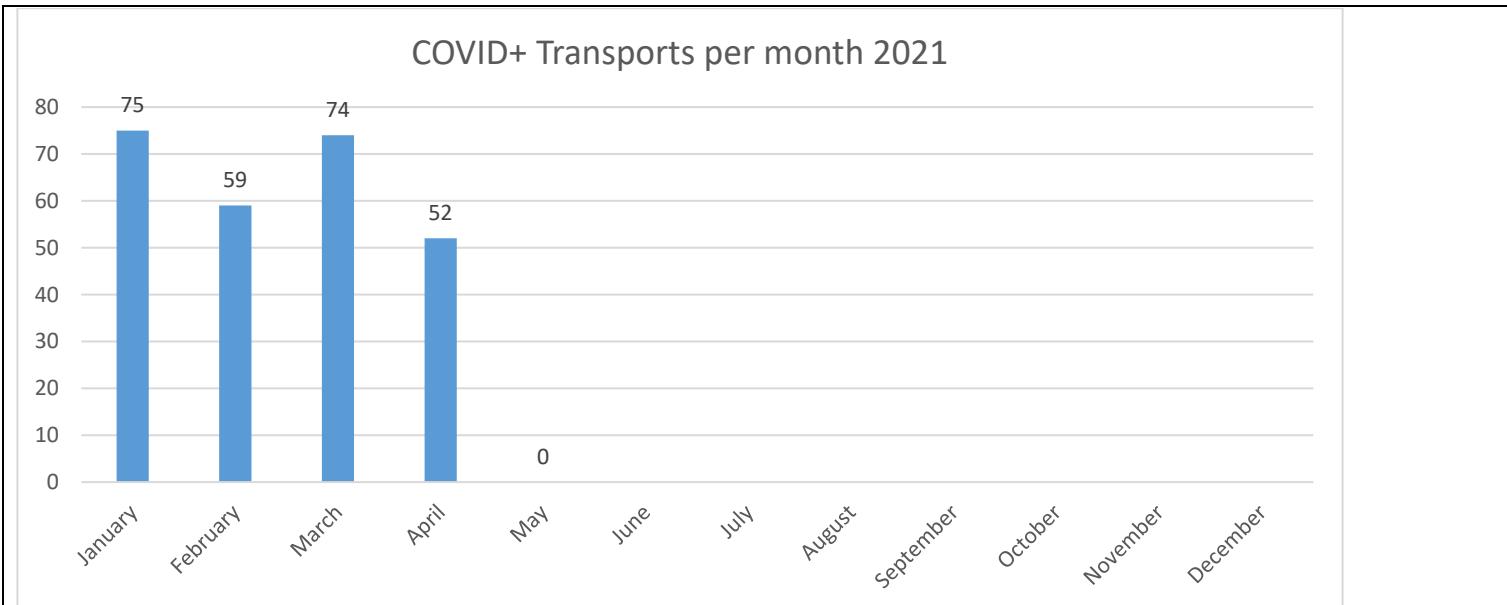
Fully Vaccinated (2 doses of multi-dose or 1 dose of single): 33.0%

At least one dose administered: 47.7%

Total COVID+ transported by Career & Volunteer EMS:

Mar 1 to Apr 30 COVID+ Patients Transported by EMS





First Responders Quarantine/Isolation	<p>Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive.</p> <p>DES Admin: No change 0 Quarantine 0 Isolation</p> <p>Fire/EMS: 0 Quarantine: means exposed and they can't come to work -1 since previous report 0 Isolation: means sick or tested positive no change previous report</p> <p>Animal Control: 0 – Quarantined no change since previous report 0 – isolated no change previous report</p> <p>Communications: 0 quarantined no change since previous report 0 isolation no change previous report</p> <p>Law Enforcement (includes CCSO dispatchers): 4 quarantined +3 since previous report 0 isolation no change since previous report</p>
DES HazMat Team	<p>No Decon operations required this week.</p> <p>Continue to support vaccine clinics as requested.</p>

<p>Volunteer Fire, Career & Volunteer EMS</p>	<p><u>Stations/Apparatus:</u></p> <ul style="list-style-type: none">- No Station with any contamination issues.- No Apparatus with any contamination issues. <p><u>Personnel Exposure:</u></p> <p>None</p> <p><u>Incidents/Call Volume:</u></p> <ul style="list-style-type: none">- No Major Incidents to Report related to COVID-19.- Call volume for Fire and EMS has been average.- Transports of COVID Positive Patients has remained the average from previous weeks. <p><u>Other Information:</u></p> <ul style="list-style-type: none">- 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 First Responders are supporting the Health Department with Vaccine Clinics.- Reviewing Special Orders to ease some restrictions due to lower numbers and changes from the State.
<p>Charles Regional Medical Center:</p>	<p><u>HOSPITAL BRIEF 04-30-2021</u></p> <ul style="list-style-type: none">• Hospital Bed Capacity = 166. Census = 79• Hospital COVID Positive Weekly Average Census = 10• PUI admissions = 0• ICU Census = 9• Hospital ICU is 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 = 1• Ventilators not in use = 19

	<ul style="list-style-type: none">EMS staff transported to CRMC 04/29/2021 = Two (2) Covid-19 positive patient, and zero (0) PUI's.
Law Enforcement	<p><u>Agency COVID-19 Numbers:</u></p> <p>Charles County Sheriff's Office:</p> <ul style="list-style-type: none">2 Sworn Officer quarantined0 Sworn Officer isolated2 Correctional Officer quarantined0 Correctional Officers isolated0 civilians quarantined0 civilians isolated <p>Charles County Detention Center Population:</p> <ul style="list-style-type: none">112 inmates0 COVID positive inmates0 Inmates with symptoms <p>Maryland State Police:</p> <ul style="list-style-type: none">0 Officer Quarantined0 Officers Isolated <p>Maryland Transportation Authority: None local</p> <p>La Plata Police Department:</p> <ul style="list-style-type: none">0 Officer Quarantined0 Officers Isolated0 Civilian Isolated <p>Natural Resources Police:</p> <ul style="list-style-type: none">0 Officer Quarantined0 Officers Isolated0 Civilian Isolated <p>Definitions</p> <p><i>Quarantine:</i> Quarantine is the process of keeping an asymptomatic (no symptoms) person who had a reported exposure away from other people.</p> <p><i>Isolation:</i> Isolation is the process of keeping a symptomatic or positive person away from all other people.</p>