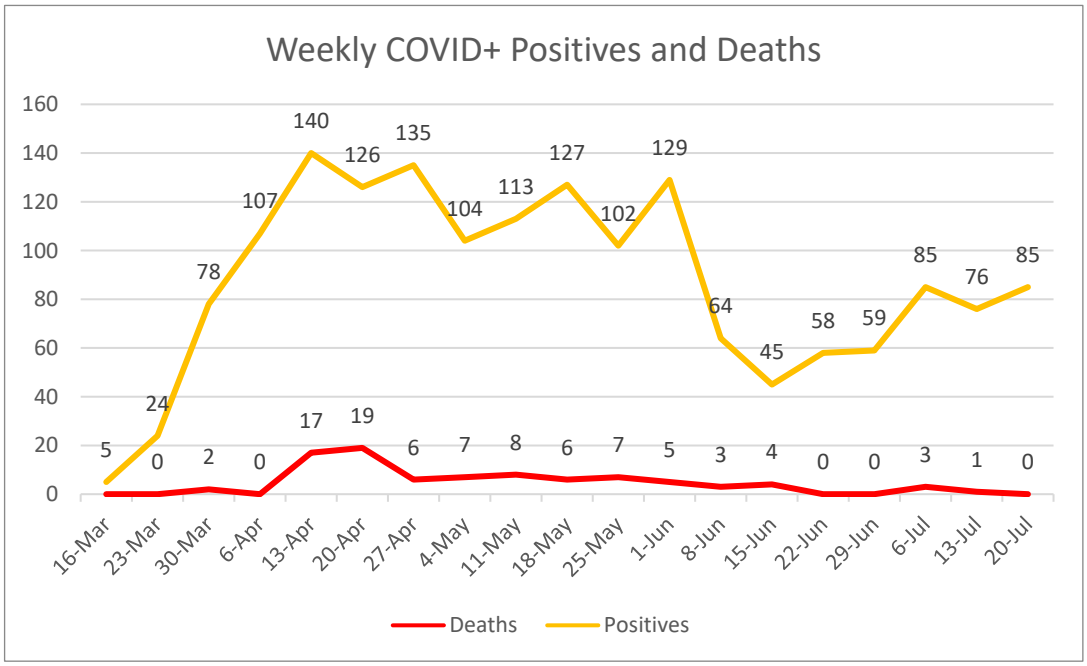
July 22, 2020 ~ COVID 19

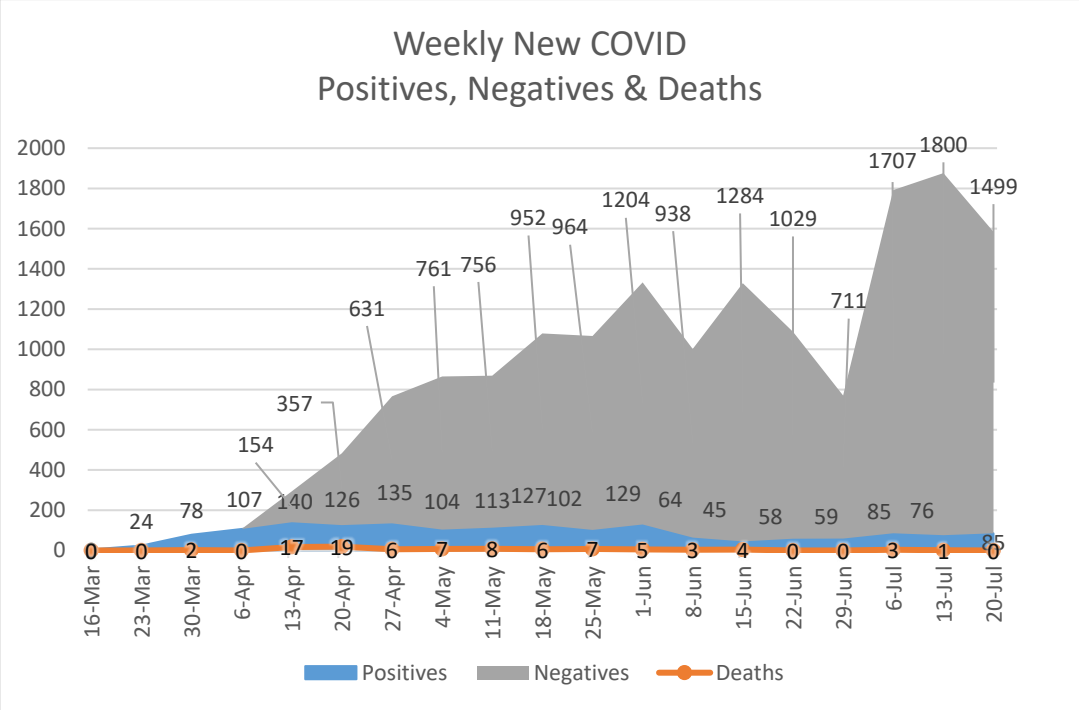
Charles County Emergency Services

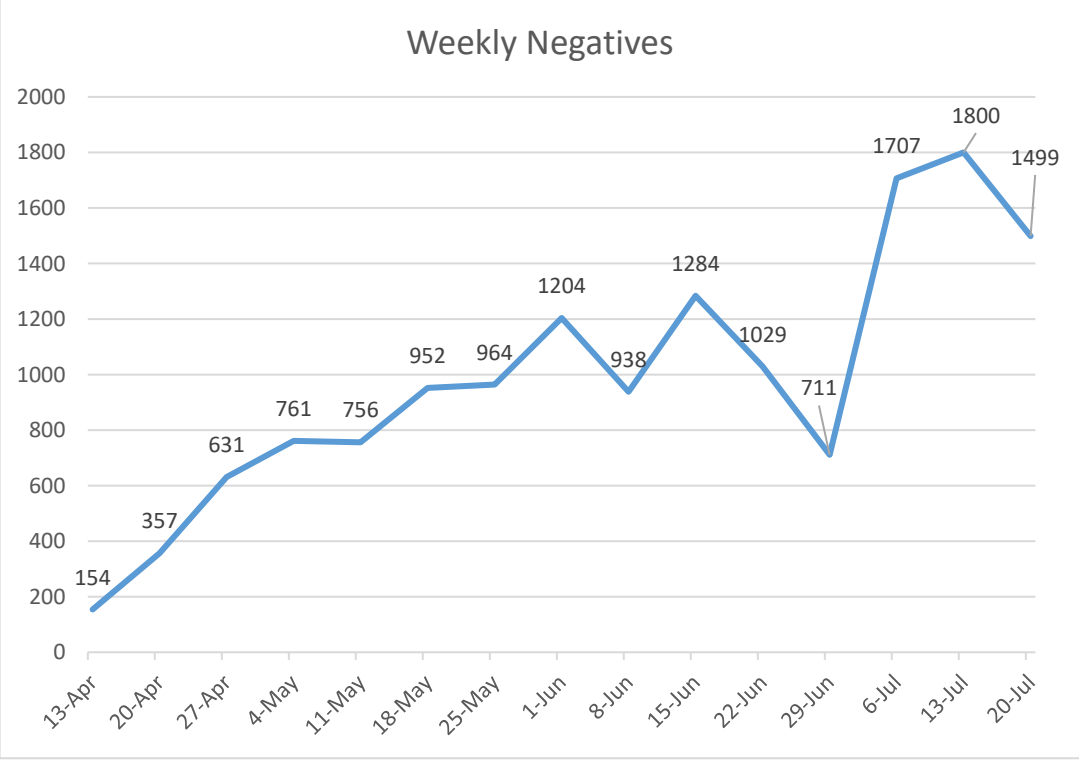
Situation Report #80

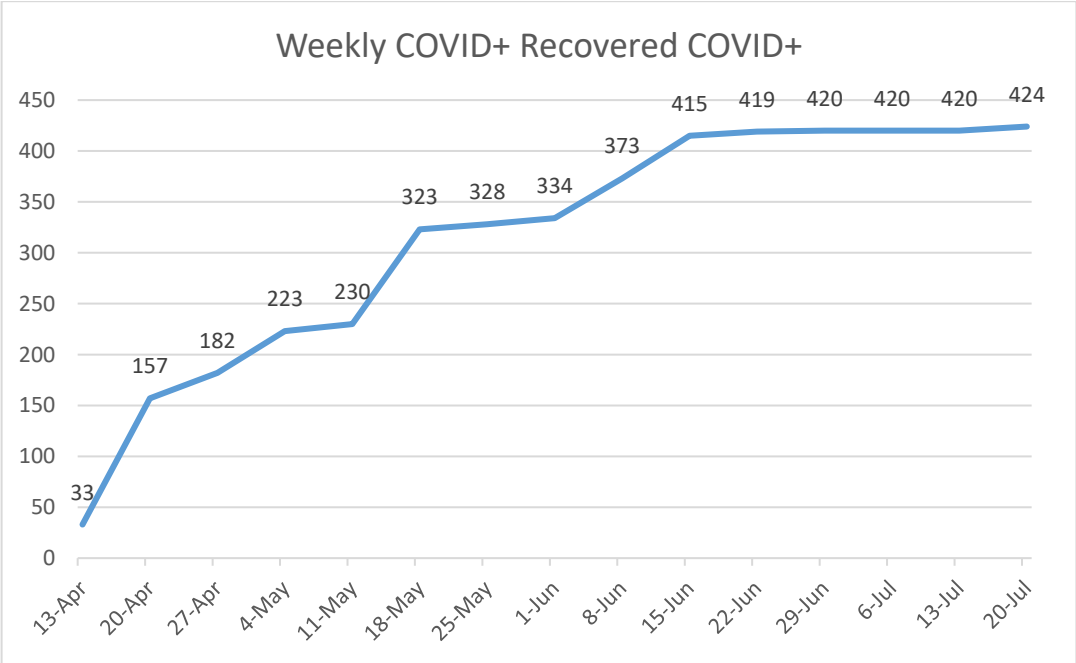
SITUATION	
Situation Summary:	Global COVID-19 situation map here Maryland summary map here

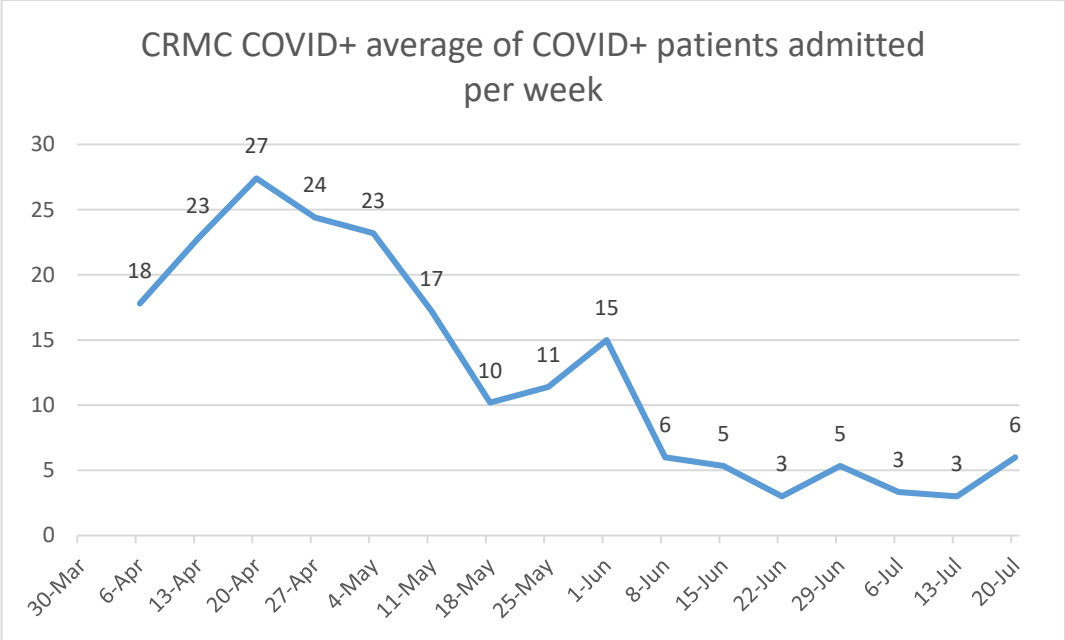


****SitRep #80 ~ July 22, 2020 – Next SitRep July 24, 2020****


Weekly New COVID
Positives, Negatives & Deaths
2000
1800
1600
1400
1200
1000
800
600
400
200
0
16-Mar
23-Mar
30-Mar
6-Apr
13-Apr
20-Apr
27-Apr
4-May
11-May
18-May
25-May
1-Jun
8-Jun
15-Jun
22-Jun
29-Jun
6-Jul
13-Jul
20-Jul
0 0 2 0 17 19 6 7 8 6 7 5 3 4 0 0 3 1 0
24 78 107 140 126 135 104 113 127 102 129 64 45 58 59 85 76 85
154 357 631 761 756 952 964 1204 938 1284 1029 711 1707 1800 1499
Positives
Negatives
Deaths


Weekly Negatives
2000
1800
1600
1400
1200
1000
800
600
400
200
0
13-Apr
20-Apr
27-Apr
4-May
11-May
18-May
25-May
1-Jun
8-Jun
15-Jun
22-Jun
29-Jun
6-Jul
13-Jul
20-Jul
154 357 631 761 756 952 964 1204 938 1284 1029 711 1707 1800 1499





Charts based upon the data provided by the HD

Charles County Dept of Health Data:	1,662 cases total reported since the beginning of the event. Average age of confirmed cases: 47.3 years Age Distribution for Charles County cases: Under 18 years: 75 (4.5%) 18-64 years: 1298 (78.1%) 65+ years: 289 (17.4%)

	16,147 negative tests results
	Number of negative lab results since 7/20: 858 Total testing volume for Charles County (positive and negative): 17809 Percentage of Charles County residents who have been tested for COVID-19: 9.8% Total Positivity Rate for all lab results thus far: 9.3% (state 8.0%) 7 day positivity rate for all lab results: 5.68% Positivity Rate for all lab results since 7/20: 4.2% Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between July 8-14: 4.50 days Average number of days from specimen collection date to reporting to public health for all positive lab results between July 8-14: 4.86 days Data on average number of days from specimen collection date to public health reporting will be done on a weekly basis and reported on the Wednesday or Friday report, depending on the epidemiologist's schedule. Recovered and released from isolation: 364 Partially recovered with improved symptoms: 60 Known asymptomatic cases: 40 This data has not been updated recently on the master list by the Infectious Disease Program. The individual in charge of updating these numbers was out of vacation and is catching up with responsibilities. Hopefully, the list will be updated this week. 251 or 15.1% required hospitalization. Hospitalization rate is steadily decreasing. Peak in hospitalization rate coincided with the peak in the skilled nursing facility outbreaks. Among confirmed cases, 948 (57.0%) Female; 714 (43.0%) Male 8.4% Healthcare Workers 1% First Responders: EMS, Fire, Law Enforcement 65% have underlying health conditions
	88 Fatalities no changes since last report **Average age of fatalities**: 77.0 years **Age Distribution of Fatalities**: • 0-39 years: 0 • 40-69 years: 22 (24.4%) • 70-79 years: 40 (44.4%) • 80+ years: 28 (31.2%) **Gender breakdown among fatalities:** • 48 or 53.9% Female • 41 or 46.1% Male **Race breakdown among fatalities:** • 44.5% Non-Hispanic White

<table>
<tr><td></td><td>

- 47.8% Non-Hispanic Black
- 3.3% Non-Hispanic Asian
- 4.4% Hispanic

Location of deaths:

- Hospital Inpatient: 56 or 62.2%
- Nursing Home: 23 or 25.6%
- Other/Home/Emergency Room/Outpatient: 11 or 12.2%

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<tr><td>Countywide Race/Ethnicity demographics</td><td>

Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/

Asian: 20 (1.1%)
Black/African American: 617 (37.1%)
White: 330 (19.9%)
Other /2+ races/American Indian/Alaskan Native: 124 (7.5%)
Data not available/Declined to Answer: 571 (34.4%)

Ethnicity:
Hispanic 129 (7.8%)
Non-Hispanic 1084 (65.2%)
Data not available/Declined to Answer: 449 (27.0%)

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<tr><td>Confirmed Cases by Zip Codes: Available information from State website. Not showing data from zip codes with less than 7 confirmed positives.</td><td>

Zip code:	Total number of positive cases	Number of new positive cases in last 24 hours	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
20601	312	1	46	12.75
20602	323	3	58	13.02
20603	354	0	56	12.12
20613	23	0	0	NA
20616	57	0	11	9.73
20622	23	0	0	4.90
20637	39	1	12	7.38
20640	73	0	17	7.09
20646	206	8	227	10.69
20662	24	0	2	8.18
20664	22	0	5	7.70
20675	12	1	1	6.58
20677	17	0	7	7.32
20695	115	1	29	17.22

Case Rates for Zip Codes Shared by Charles County and Prince George's County:
20607, Accokeek: 14.89
20613, Brandywine: 15.68

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	These are two of the lowest rates in Prince George's County. These rates are much closer to Waldorf and White Plains case rates. Case rates for other Prince George's County Zip Codes that are near Charles County: 20623, Rosaryville: 13.85 20772, Upper Marlboro: 14.55 20744, Fort Washington: 17.41
Total COVID+ transported by Career & Volunteer EMS to date:	
First Responders that have been exposed, are on quarantine or self-isolation	Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive. 3 Quarantine: means exposed and they can't come to work +1 since last report 7 Self Isolation: means sick or tested positive +2 since the last report
Volunteer Fire, Career & Volunteer EMS	**Stations/Apparatus:** - One station was deconned due to a PUI Employee. No other issues reported - No Apparatus with any contamination issues. **Personnel Exposure:** 1 – On 14 Day Quarantine due to possible exposure 1 – On 14 Day Isolation due to Positive Test. None Fire/EMS Related **Incidents/Call Volume:** - No Major Incidents to Report related to COVID-19 - Monday July 20th - EMS Call Volume was average, and Fire Call Volume was average 60 EMS Related Incidents ----- 15 Fire Related Incidents - Tuesday July 21st - EMS Call Volume was average, and Fire Call Volume was above average 62 EMS Related Incidents ----- 88 Fire Related Incidents *The past week has shown a steady increase in Overdose Incidents.* *Tuesday Evening – Strong Storms came through the County creating significant damage throughout. Most Damage was in the Pomfret Area.* **Other Information:** - Continue to push out information about Social Distancing in the Stations. - Continue to push out Peer Support Information.
Schools # of meals served:	On Tuesday, 7/21/20, CCPS served 1542 meals at the 11 distribution sites. This number was +116 from the meals distributed on Monday, 7/20/20.
Charles Regional Medical Center:	• Hospital Bed Capacity = 166. Census = 70 • Hospital COVID Positive Census = 7 • PUI admissions = 9

	• ICU Census = 5 • Hospital ICU in now a dedicated COVID-19 Unit, and 3 East is for regular ICU overflow and has 10 beds. • Isolation Room Capacity = 12 • Isolation Rooms Occupied = 6 • Ventilated COVID-19 positive patients = 1 • Ventilators not in use = 19 • EMS staff transport to CRMC Tuesday 7/21/2020: Zero (0) COVID positive patients, and zero (0) PUI's.
Law Enforcement: MSP & CCSO:	Charles County Sheriff's Office: • 1 Sworn Officer quarantined • 0 Sworn Officers isolated • 1 Correctional Officer quarantined • 0 Correctional Officers isolated • 0 civilians quarantined • 1 civilians isolated. Charles County Detention Center Population: • 94 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 • 2 Officers Isolated • 1 Civilian Isolated Natural Resources Police: None local **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.