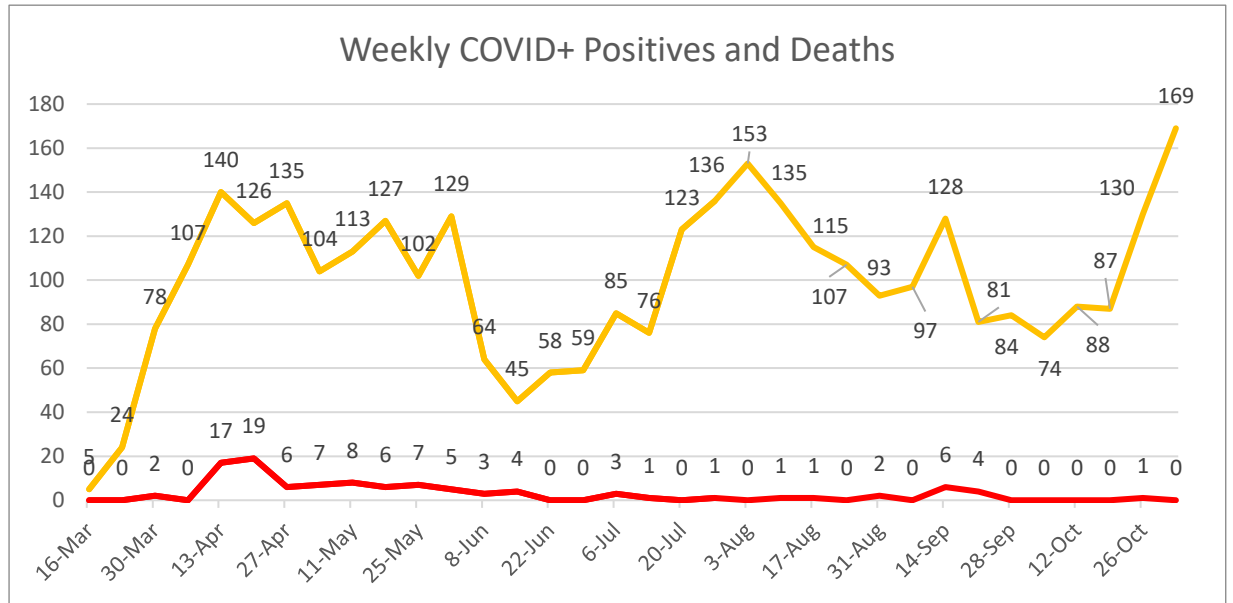
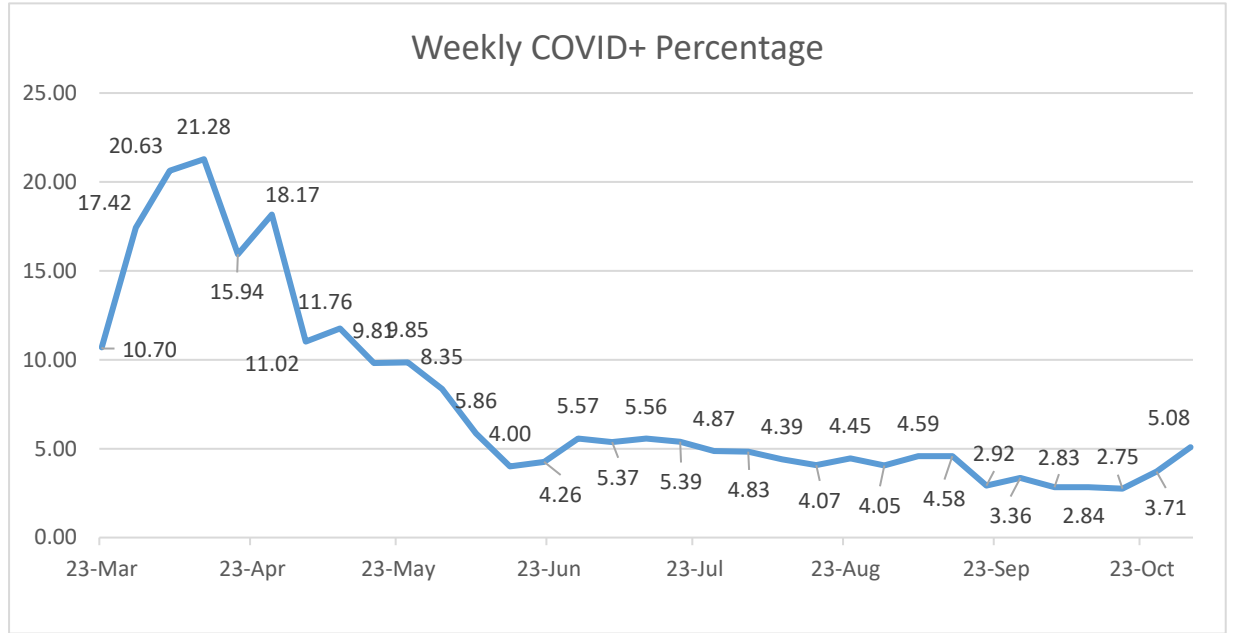


Charles County Emergency Services
Situation Report #109

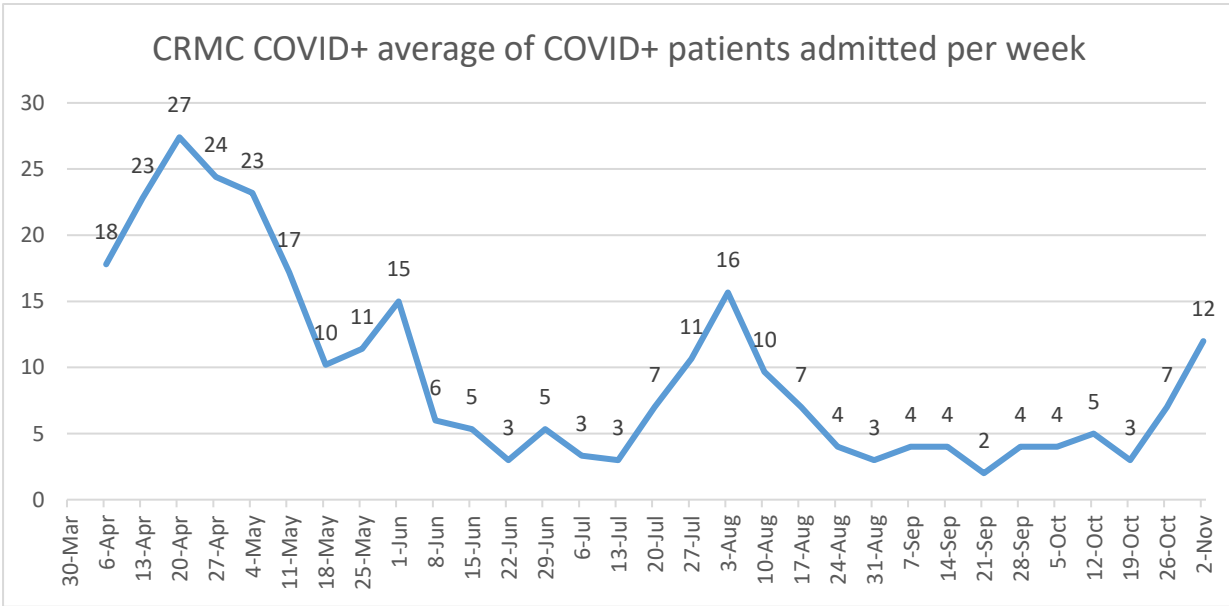
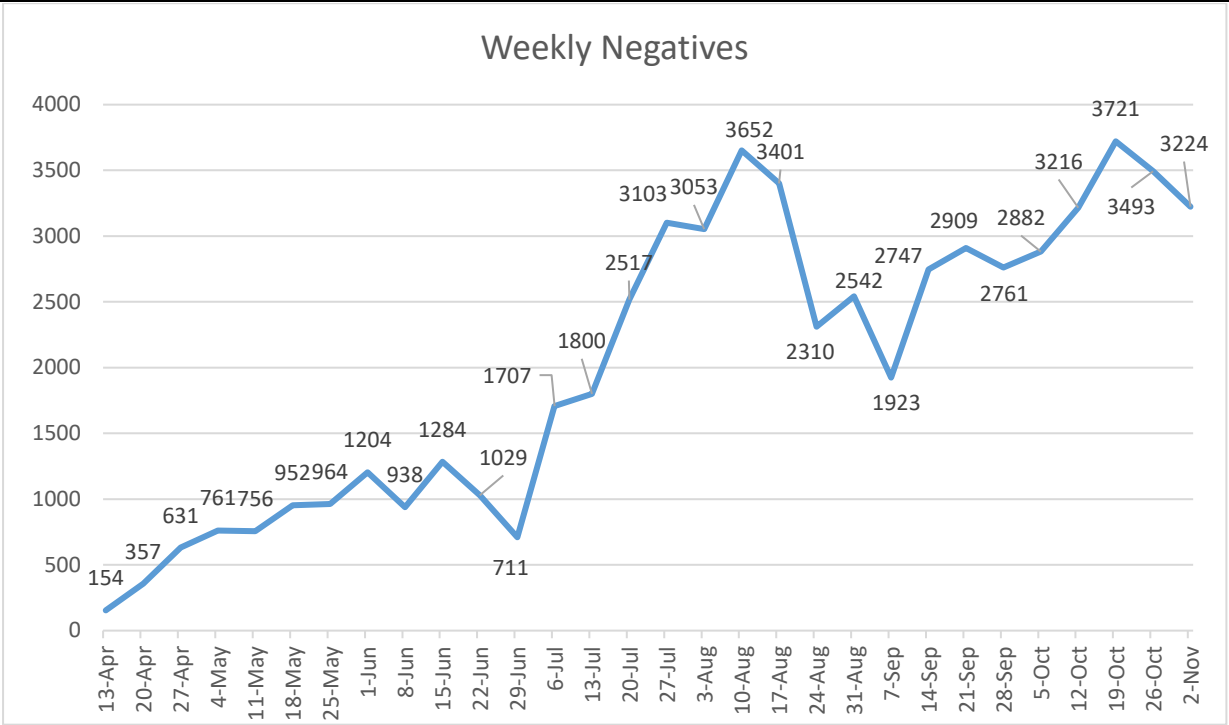
SITUATION

**Situation
Summary:**

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



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Charts based upon the data provided by the HD

**Charles County
Dept of Health
Data:**

3377 cases total reported since the beginning of the event. **169 new cases in the last week. 53 new cases in last 24 hours**

Among confirmed cases, 1901 (56.3%) Female; 1476 (43.7%) Male
Age range of positive COVID-19 cases: 0-100 years
Average age of confirmed cases: 43.3

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	<p>Age Distribution for Charles County cases: Under 18 years: 290 (8.6%) 18-64 years: 2632 (77.9%) 65+ years: 455 (13.5%)</p>
	<p>62,102 negative tests results</p>
	<p>7 day average case rate per 100,000 population: Charles County: Maryland: 10/30: 11.38 13.29 10/31: 11.90 13.69 11/1: 11.73 13.86 11/2: 11.11 13.53 11/3: 10.49 14.24 11/4: 11.46 14.98 11/5: 11.99 15.54</p> <p>7 day average percent positivity rate: Charles County: Maryland: 10/30: 4.44% 3.77% 10/31: 4.39% 3.84% 11/1: 4.28% 3.94% 11/2: 4.14% 3.93% 11/3: 4.56% 4.10% 11/4: 4.82% 4.21% 11/5: 5.08% 4.37%</p> <p>Total Number of negative lab results: 62,102 Number of negative lab results since 10/30: 3,224 Total testing volume for Charles County (positive and negative): 65,479 Percentage of Charles County residents who have been tested for COVID-19: 26.5%</p>
	<p>Total Positivity Rate for all lab results thus far: 5.2% 7 day positivity rate for all lab results: 5.08% Positivity Rate for all lab results since 10/30: 4.53%</p>
	<p>Total Testing Volume per 1000 population by Race: Maryland: 550.93 Charles County: 433.49 Charles County Asian: 148.24 Charles County African American/Black: 387.31 Charles County Other Race: 427.89 Charles County White/Caucasian: 294.22</p>
	<p>Positive Tests per 1000 by Race: Maryland: 27.51</p>

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	<p>Charles County: 22.16 Charles County Asian: 8.87 Charles County African Americans: 28.20 Charles County Other: 151.28 Charles County White: 15.24</p> <p>Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between October 30- November 5: 3.27 days Average number of days from specimen collection date to reporting to public health for all positive lab results between October 30- November 5: 3.27 days Weekly data update for contact tracing.</p> <ol style="list-style-type: none"> 1. Number of new positive cases from 10/25-10/31= 139 2. Number of positives that have been contacted 10/25-10/31= 74 3. Number of contacts identified from 10/25-10/31= 214 4. Number of contacts that have been contacted by tracers 10/25-10/31= 97 5 Open cases- still working 0 from CCDOH 1049 from NORC Total: 1110 6. Closed cases- no need for further tracing 848 from CCDOH h762 From NORC Total = 1610 7. Number of persons in isolation Unable to get this information <p>332 required hospitalization. Hospitalization rate is steadily decreasing. Peak in hospitalization rate coincided with the peak in the skilled nursing facility outbreaks in late April.</p> <hr/> <p>100 confirmed deaths 0 additional deaths since previous report</p> <p>There have been 100 confirmed deaths associated with COVID-19. This equates to 3.1% of total confirmed cases. The Charles County death rate of 3.1% is higher than the MD state average death rate of 2.8%, but this gap is closing. 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.</p> <p>There were 2 probable COVID-19 deaths. COVID-19 is listed as the cause of death, but laboratory testing has not yet been confirmed.</p> <p>Average age of fatalities: 76.3 years Age Distribution of Fatalities: 0-39 years: <7 (1.0%) Data is suppressed when the number of cases is less than 7.</p> <ul style="list-style-type: none"> • 40-69 years: 24 (23.5%) • 70-79 years: 40 (39.2%) • 80+ years: 37 (36.3%)
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	Gender breakdown among fatalities: 55 or 54.5% Female 46 or 45.5% Male Racial breakdown among fatalities: 42.2% Non-Hispanic White 50.0% Non-Hispanic Black 3.9% Non-Hispanic Asian 3.9% Hispanic Location of death: Hospital Inpatient: 62 or 61.4% Nursing Home: 25 or 24.8% Other/Home/Emergency Room/Outpatient: 14 or 13.8%				
Countywide Race/Ethnicity demographics	Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/ Asian: 40 (1.2%) Black/African American: 1427 (42.3%) White: 728 (21.6%) Other /2+ races: 304 (9.0%) American Indian/Alaskan Native: 12 (0.4%) Data not available/Declined to Answer: 866 (25.6%) Ethnicity: Hispanic: 266 (7.9%) Non-Hispanic: 2340 (69.3%) Data not available/Declined to Answer: 771 (22.8%)				
Confirmed Cases by Zip Codes: Available information from State website. Not showing data from zip codes with less than 7 confirmed positives.	Zip code:	Total number of positive cases	Number of new positive cases since 10/30	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
	20601	623	25	87	23.60
	20602	644	29	90	24.70
	20603	725	46	116	23.09
	20604	10	1	1	NA
	20611	13	1	4	8.47
	20613	41	0	0	2.96
	20616	128	7	22	20.96
	20622	37	0	0	5.87
	20632	19	0	4	NA
	20637	84	9	14	14.78
	20640	150	3	41	14.97
	20645	18	1	6	NA
	20646	405	17	281	19.31
	20658	14	1	8	NA
	20662	42	6	6	14.03

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20664	42	2	7	12.00
20675	29	3	8	13.42
20677	40	2	7	15.37
20693	19	1	3	NA
20695	264	13	43	33.32

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: 27.59

20613, Brandywine: 25.26

These are two of the lowest rates in Prince George's County. These rates are much closer to Waldorf and White Plains case rates.

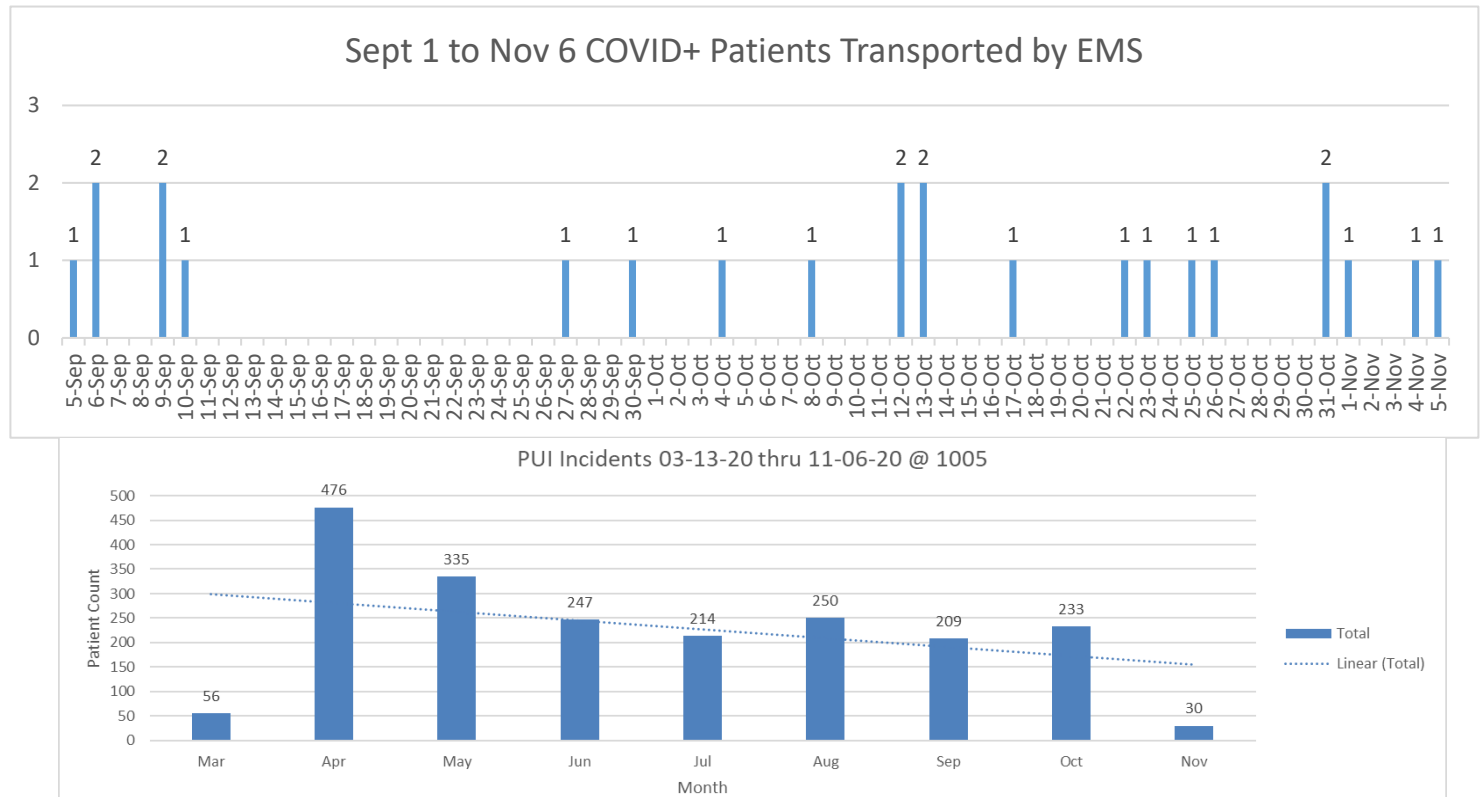
Case rates for other Prince George's County Zip Codes that are near Charles County:

20623, Rosaryville: 22.84

20772, Upper Marlboro: 28.08

20744, Fort Washington: 29.86

Total COVID+ transported by Career & Volunteer EMS:



PUI = Person Under Investigation	
First Responders Quarantine/ Isolation	<p>Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive.</p> <p>Fire/EMS: 0 Quarantine: means exposed and they can't come to work no change since previous report 1 Isolation: means sick or tested positive no change since previous report</p> <p>Law Enforcement:- no update from CCSO, numbers are from last week. Quarantine: 15 Isolation:0</p>
Volunteer Fire, Career & Volunteer EMS	<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> 2 – In Isolation.</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 Events is average. - Transports of COVID Positive Patients has a slight increase. Most have been known COVID Patients at the time of transport. <p><u>Other Information:</u></p> <ul style="list-style-type: none"> - Continue to push out information about Social Distancing in the Stations. - All personnel need to continue to utilize proper PPE on incidents.
Charles Regional Medical Center:	<ul style="list-style-type: none"> • Hospital Bed Capacity = 166. Census = 84 • Hospital COVID Positive Census = 12 • PUI admissions = 5 • ICU Census = 7 • 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

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	<ul style="list-style-type: none">• Isolation Rooms Occupied = 9• Ventilated COVID-19 positive patients = 1• Ventilators not in use = 19• EMS staff transported to CRMC 11/05/2020 = Zero (0) Covid positive, and zero (0) PUI's
Law Enforcement	No report today