Sept 9, 2020 ~ COVID 19

Charles County Emergency Services
Situation Report #100

SITUATION

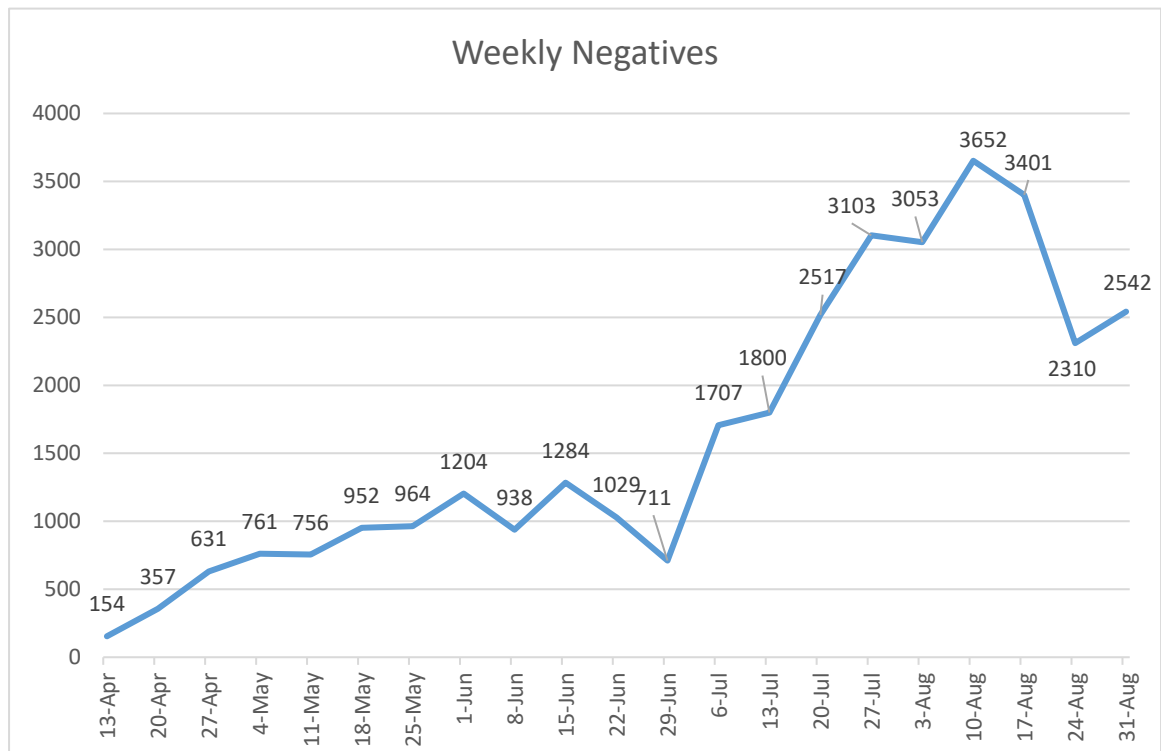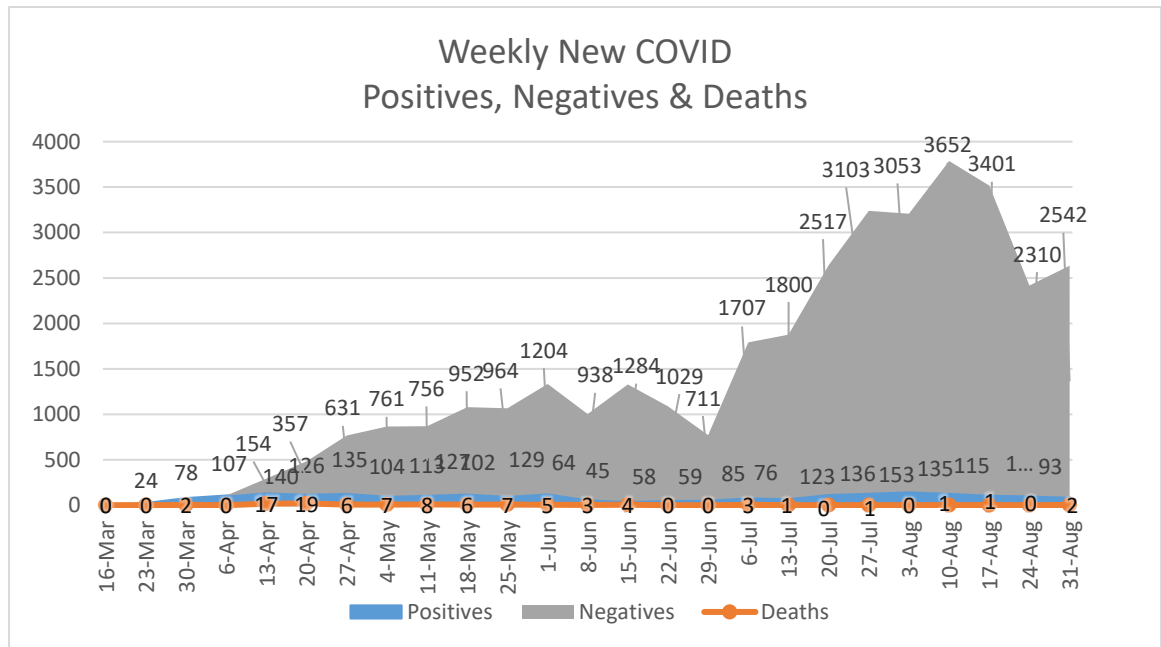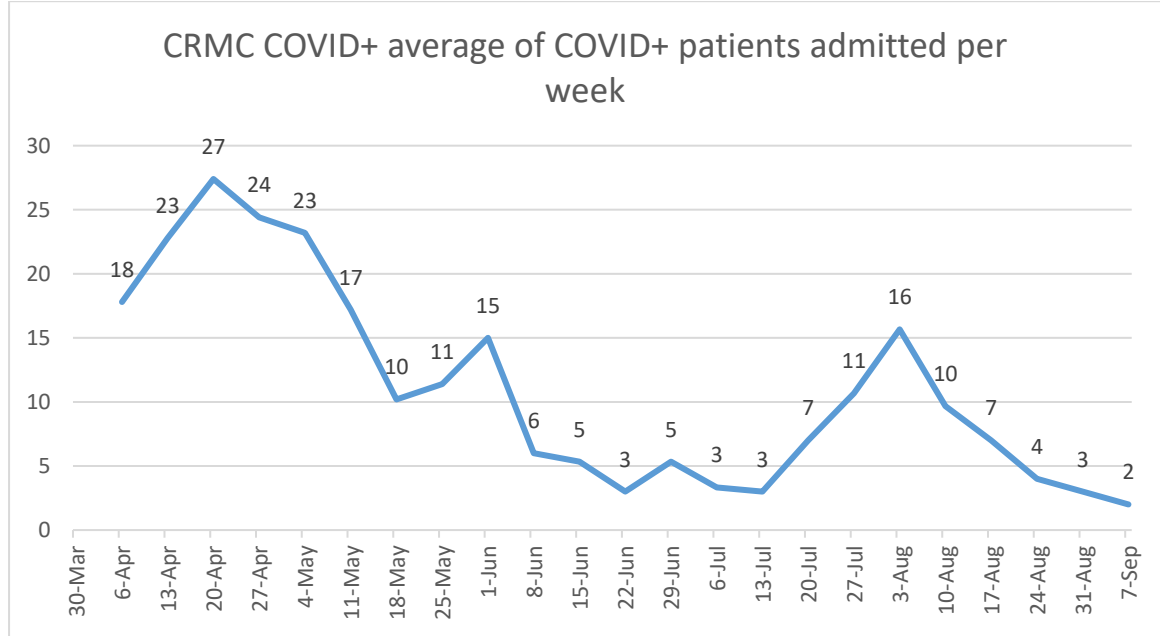|	
Situation Summary:	Global COVID-19 situation map here Maryland summary map here **Week if Sept 6 show data for 5 days all other points are 7 days**
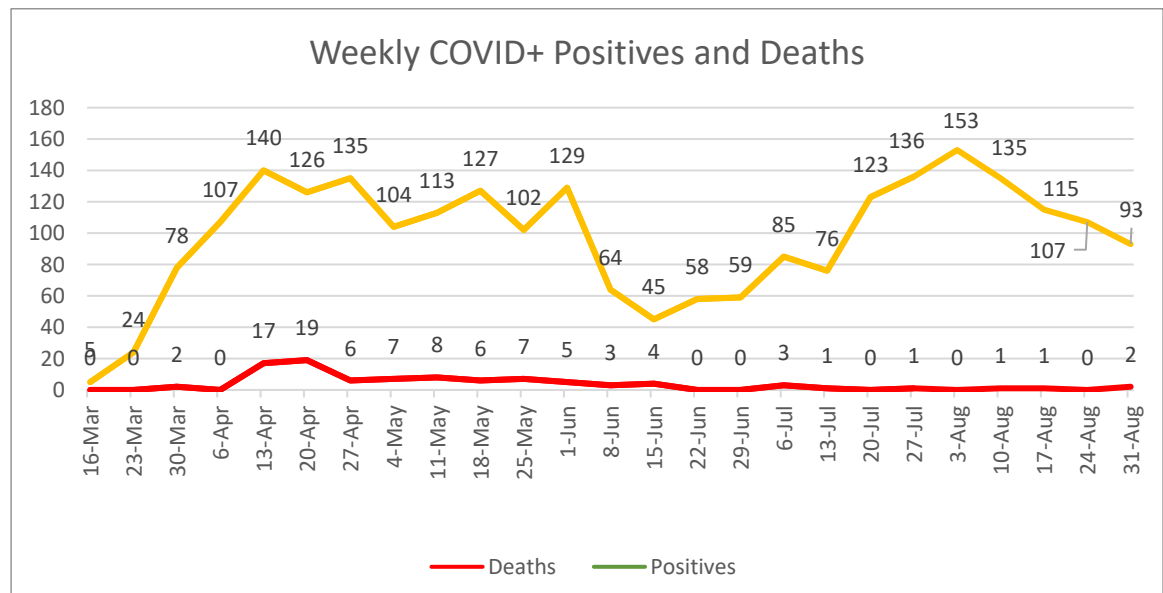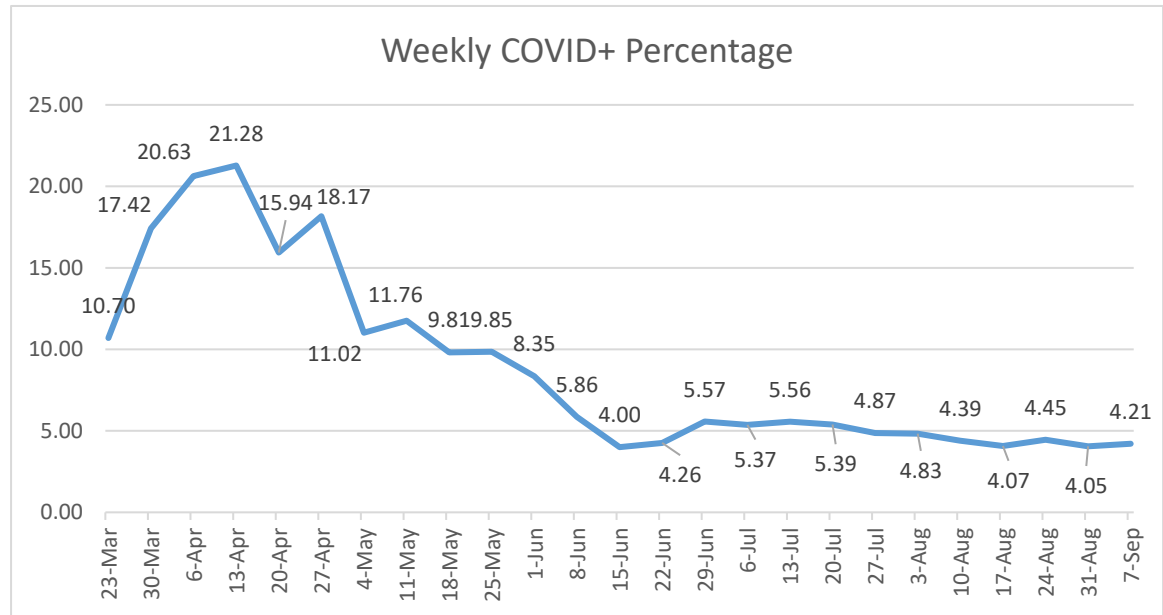
SitRep #100 ~ Sept 9, 2020 – Next SitRep Sept 11, 2020

Weekly New COVID Positives, Negatives & Deaths

Weekly Negatives

CRMC COVID+ average of COVID+ patients admitted per week

Chart data points (patients admitted per week):

Date	Value
30-Mar	18
6-Apr	23
20-Apr	27
27-Apr	24
4-May	23
11-May	17
18-May	10
25-May	11
1-Jun	15
8-Jun	6
15-Jun	5
22-Jun	3
29-Jun	5
6-Jul	3
13-Jul	3
20-Jul	7
27-Jul	11
3-Aug	16
10-Aug	10
17-Aug	7
24-Aug	4
31-Aug	3
7-Sep	2

Charts based upon the data provided by the HD

Charles County Dept of Health Data:	2,503 cases total reported since the beginning of the event. Among confirmed cases, 1435 (57.3%) Female; 1039 (42.7%) Male Age range of positive COVID-19 cases: 0-100 years Average age of confirmed cases: 45.1 years Age Distribution for Charles County cases: Under 18 years: 181 (7.3%) 18-64 years: 1948 (77.8%) 65+ years: 374 (14.9%)
	36,473 negative tests results
	7 day average case rate per 100,000 population: Charles County: Maryland: 9/4: 7.96 10.34 9/5: 7.96 10.95 9/6: 7.18 10.23 9/7: 7.35 10.19 9/8: 8.14 9.85 7 day average percent positivity rate: Charles County: Maryland: 9/4: 3.67 3.46

SitRep #100 ~ Sept 9, 2020 – Next SitRep Sept 11, 2020

9/5: 3.71   3.63
9/6: 3.99   3.84
9/7: 4.47   3.68
9/8: 4.65   3.70

Total Number of negative lab results: 36473
Number of negative lab results since 9/4: 1247
Total testing volume for Charles County (positive and negative): 40168
Percentage of Charles County residents who have been tested for COVID-19: 19.1%

Total Positivity Rate for all lab results thus far: 6.2% (state 5.4%)
7 day positivity rate for all lab results: 3.7%
Positivity Rate for all lab results since 9/4: 4.9%
COVID Testing Rate per 1000 population by Race:
Charles County Asian: 16.77 per 1000
Charles County African American/Black: 40.29 per 1000
Charles County Other Race: 48.15 per 1000
Charles County White/Caucasian: 29.97 per 1000
Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between August 25-31: 5.08 days
Average number of days from specimen collection date to reporting to public health for all positive lab results between August 25-31: 2.81 days.
<u>I will update the average number of days to reporting data on Friday's report. NEDSS was down, and I wasn't able to run this report this afternoon.</u>
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.
Weekly data update for contact tracing.
1. Number of new positive cases from 08/30-09/05= 80
2. Number of positives that have been contacted 08/30-09/05 = 41
3. Number of contacts identified from 08/30-09/05= 118
4. Number of contacts that have been contacted by tracers 08/30-09/05= 47
5 Open cases- still working
418 from CCDOH
739 from NORC
Total: 1157
6. Closed cases- no need for further tracing
394 from CCDOH
424 From NORC
Total = 818
7. Number of persons in isolation
Unable to get this information

301 or 12.0% required hospitalization. Hospitalization rate is steadily decreasing. Peak in hospitalization rate coincided with the peak in the skilled nursing facility outbreaks.

93 confirmed deaths no change since previous report
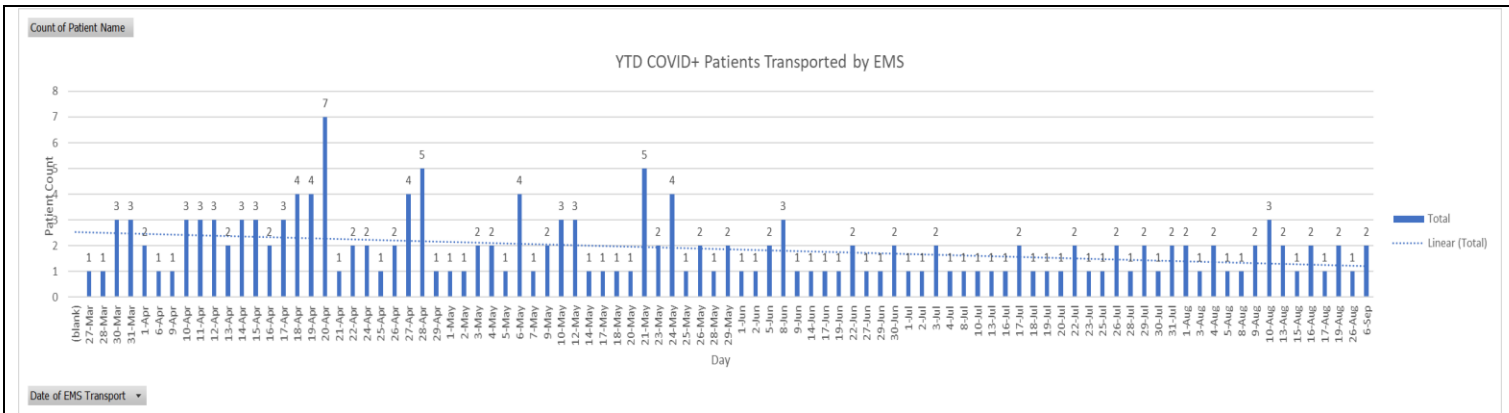
SitRep #100 ~ Sept 9, 2020 – Next SitRep Sept 11, 2020

There have been 93 confirmed deaths associated with COVID-19. This equates to 3.8% of total confirmed cases. The Charles County death rate of 3.8% is higher than the MD state average death rate of 3.3%, 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.

There were 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: 76.0 years

Age Distribution of Fatalities:

0-39 years: <7 (1.1%) Data is suppressed when the number of cases is less than 7.

40-69 years: 21 (22.1%)

70-79 years: 38 (40.0%)

80+ years: 35 (36.8%)

Gender breakdown among fatalities:

50 or 52.6% Female

45 or 47.4% Male

Racial breakdown among fatalities:

43.2% Non-Hispanic White

48.4% Non-Hispanic Black

3.1% Non-Hispanic Asian

5.3% Hispanic

Location of death:

Hospital Inpatient: 59 or 62.1%

Nursing Home: 24 or 25.3%

Other/Home/Emergency Room/Outpatient: 12 or 12.6%

Countywide Race/Ethnicity demographics

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

Asian: 27 (1.1%)

Black/African American: 919 (36.7%)

White: 451 (18.0%)

Other /2+ races/American Indian/Alaskan Native: 161 (6.4%)

Data not available/Declined to Answer: 945 (37.8%)

Ethnicity:

Hispanic 168 (6.7%)

Non-Hispanic 1565 (62.5%)

Data not available/Declined to Answer: 770 (30.8%)

Confirmed Cases by Zip Codes: Available information

Zip code:	Total number of positive cases	Number of new positive cases	Case Rate per 1000 residents

		since 9/4	
20601	462	9	16.74
20602	469	17	18.21
20603	539	9	17.01
20604	9	0	NA
20611	7	0	4.56
20613	36	0	20.50
20616	108	2	17.69
20622	32	1	3.49
20632	7	0	NA
20637	30	3	10.56
20640	116	3	11.78
20645	7	0	NA
20646	309	5	14.45
20658	11	0	NA
20662	29	0	10.02
20664	29	0	8.85
20675	21	4	9.25
20677	27	1	10.76
20693	13	0	0
20695	194	8	23.09

from State website. Not showing data from zip codes with less than 7 confirmed positives.

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: 20.56
20613, Brandywine: 20.50
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: 19.09
20772, Upper Marlboro: 20.91
20744, Fort Washington: 23.01

Total COVID+ transported by Career & Volunteer EMS to date:

Sept 9, 2020 ~ COVID 19

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. 0 Quarantine: means exposed and they can't come to work no change since last report 4 Self Isolation: means sick or tested positive +1 since the last report
Volunteer Fire, Career & Volunteer EMS	Stations/Apparatus: - No Station with any contamination issues. - No Apparatus with any contamination issues. Personnel Exposure: 1 - Personnel in Isolation from a Positive Rapid Test at Work (No Symptoms. Releases 9/10/2020 Incidents/Call Volume: - No Major Incidents to Report related to COVID-19 - Unable to provide exact numbers due to issue with Server. However, call volume for Fire and EMS has remained average during this period. Other Information: - Continue to push out information about Social Distancing in the Stations. - Continue to push out Peer Support Information. - All personnel need to continue to utilize proper PPE on incidents.
Schools # of meals served:	CCPS has concluded its summer meal distribution.
Charles Regional Medical Center:	• Hospital Bed Capacity = 166. Census = 81 • Hospital COVID Positive Census = 5 • PUI admissions = 6 • ICU Census = 13

SitRep #100 ~ Sept 9, 2020 – Next SitRep Sept 11, 2020

	• 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 = 7 • Ventilated COVID-19 positive patients = 2 • Ventilators not in use = 18
Law Enforcement	No report today 9/9/2020

SitRep #100 ~ Sept 9, 2020 – Next SitRep Sept 11, 2020