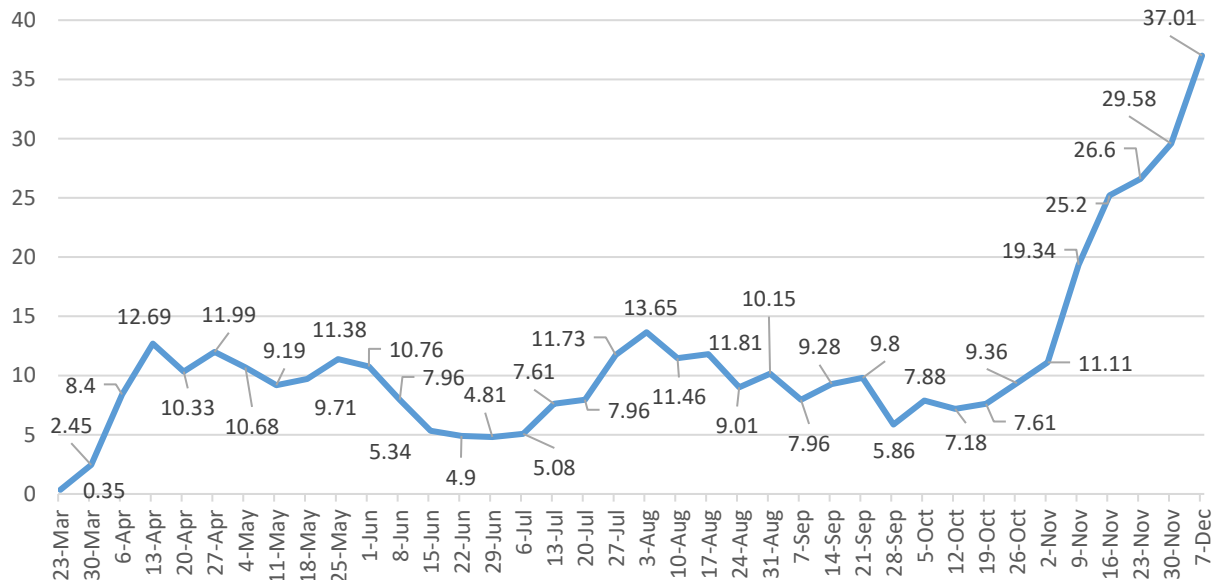**Dec 11, 2020 ~ COVID 19**

Charles County Emergency Services
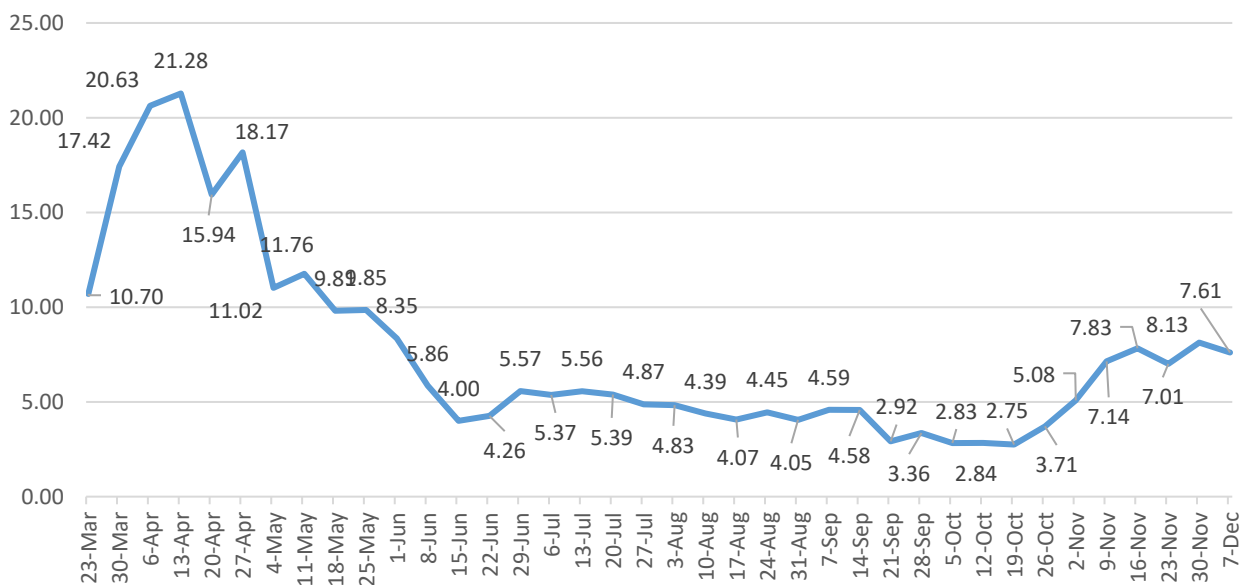**Situation Report #114**

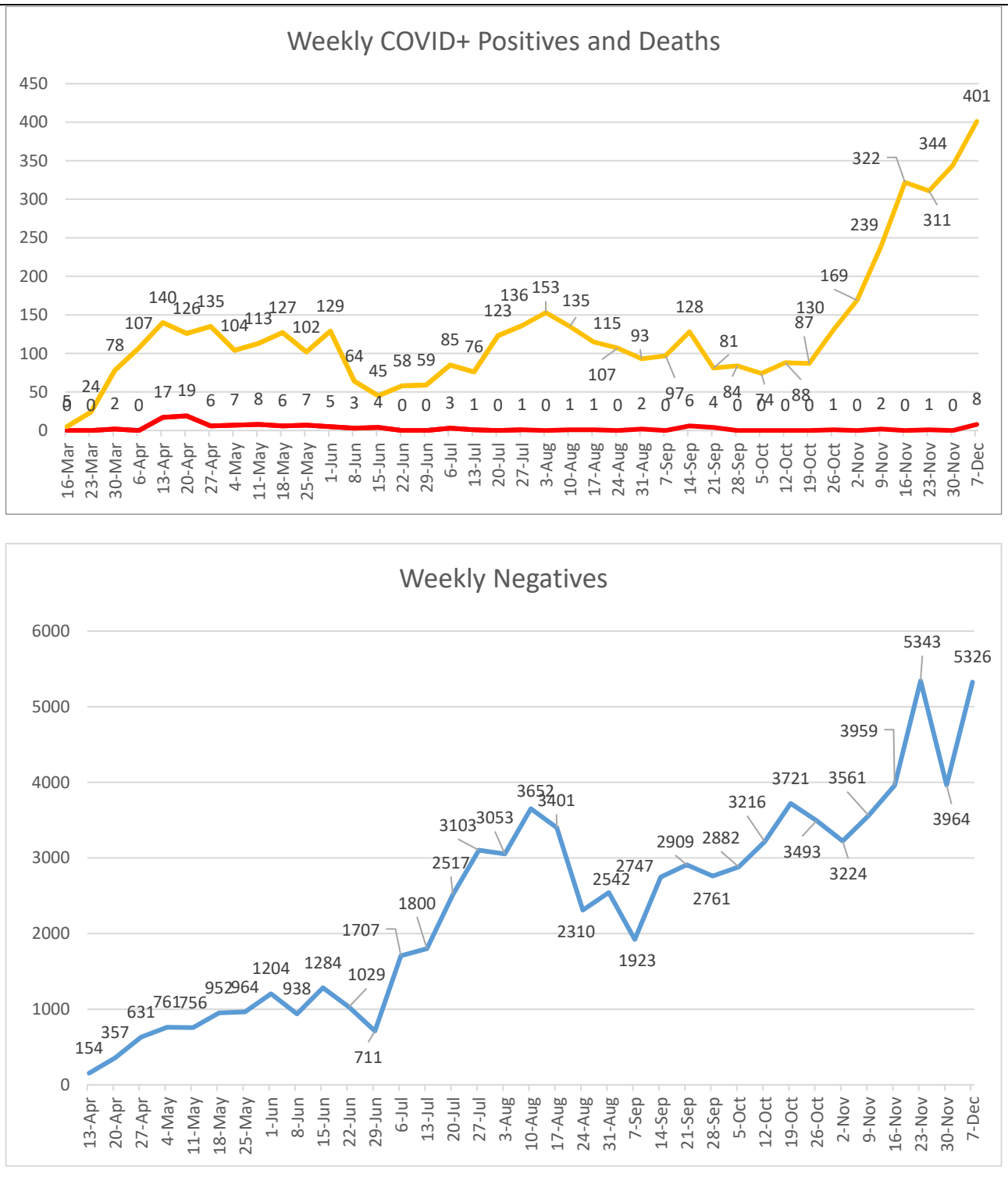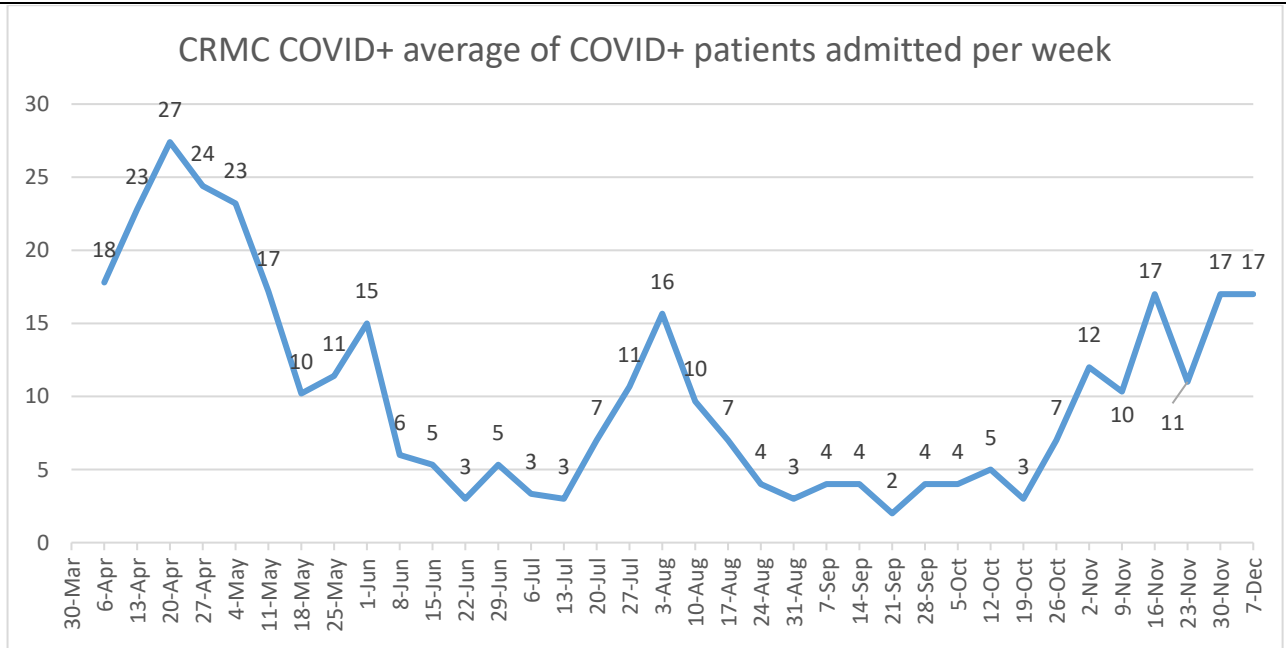| SITUATION |
|---|
| **Situation Summary:** Global COVID-19 situation map here
Maryland summary map here

Weekly COVID+ Case Rate

Weekly COVID+ Percentage |

SitRep #114 ~ Dec 11, 2020 – <mark>Next SitRep Dec 18, 2020</mark>

Weekly COVID+ Positives and Deaths

Weekly Negatives

CRMC COVID+ average of COVID+ patients admitted per week

Charts based upon the data provided by the HD

Charles County Dept of Health Data:	4994 cases total reported since the beginning of the event. 401 new cases in the last week, 49 new cases in last 24 hours
	Among confirmed cases, 2772 (55.5%) Female; 2222 (44.5%) Male Age range of positive COVID-19 cases: 0-103 years Average age of confirmed cases: 41.9 Age Distribution for Charles County cases: Under 18 years: 495 (9.9%) 18-64 years: 3891 (77.9%) 65+ years: 608 (12.2%)
	84,255 negative tests results
	7 day average case rate per 100,000 population: Charles County: Maryland: 12/4: 29.66 38.59 12/5: 34.13 42.38 12/6: 35.00 43.90 12/7: 31.59 44.80 12/8: 32.38 44.49 12/9: 33.60 45.60 12/10: 37.01 48.34 7 day average percent positivity rate: Charles County: Maryland: 12/4: 8.48% 8.04%

12/5: 8.72%   8.14%
12/6: 7.42%   7.89%
12/7: 7.17%   7.61%
12/8: 7.17%   7.74%
12/9: 7.73%   7.71%
12/10: 7.61%   7.49%
Total Number of negative lab results: 84,255
Number of negative lab results since 12/4: 5,316
Total testing volume for Charles County (positive and negative): 89,249
Percentage of Charles County residents who have been tested for COVID-19: 33.3%

Total Positivity Rate for all lab results thus far: 5.60%
7 day positivity rate for all lab results: 7.61%

Total Testing Volume per 1000 population by Race:
Maryland: 733.28
Charles County: 578.19
Charles County Asian: 187.02
Charles County African American/Black: 511.68
Charles County Other Race: 574.10
Charles County White/Caucasian: 381.06
Positive Tests per 1000 by Race:
Maryland: 40.19
Charles County: 32.75
Charles County Asian: 12.44
Charles County African Americans: 31.05
Charles County Other: 63.25
Charles County White: 19.93

Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between December 4- December 10: 6.2 days
Average number of days from specimen collection date to reporting to public health for all positive lab results between December 4- December 10: 6.2 days

Weekly data update for contact tracing.
1. Number of new positive cases from 11/29-12/5= 420
2. Number of positives that have been contacted 11/29-12/5= 251
3. Number of contacts identified from 11/29-12/5= 421
4. Number of contacts that have been contacted by tracers 11/29-12/5= 180.
5 Open cases- still working
0 from CCDOH
2862 from NORC
Total: 2862

6. Closed cases- no need for further tracing
982 from CCDOH

337 From NORC
Total = 1319

448 required hospitalization*. Hospitalization rate is steadily decreasing. 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. The increase from the last report is not due to a recent increase in hospitalizations. It is due to a corrected coding issue in the data system.

111 confirmed deaths, 8 additional death since previous report

There have been 111 confirmed deaths associated with COVID-19. Several of the deaths in the month of December have been associated with an outbreak at the nursing home in Calvert County.

There is 1 probable COVID-19 death. COVID-19 is listed as the cause of death, but laboratory testing has not yet been confirmed.
Average age of fatalities: 75.9 years
Age Distribution of Fatalities:
0-39 years: <7 (0.9%) Data is suppressed when the number of cases is less than 7.
• 40-69 years: 29 (25.9%)
• 70-79 years: 43 (38.4%)
 • 80+ years: 39 (34.8%)
Gender breakdown among fatalities:
60 or 62.5% Female
52 or 46.4% Male
Racial breakdown among fatalities:
42.0% Non-Hispanic White
50.9% Non-Hispanic Black
3.6% Non-Hispanic Asian
3.6% Hispanic
Location of death:
Hospital Inpatient: 70 or 62.5%
Nursing Home: 26 or 23.2%
Other/Home/Emergency Room/Outpatient: 16 or 14.3%

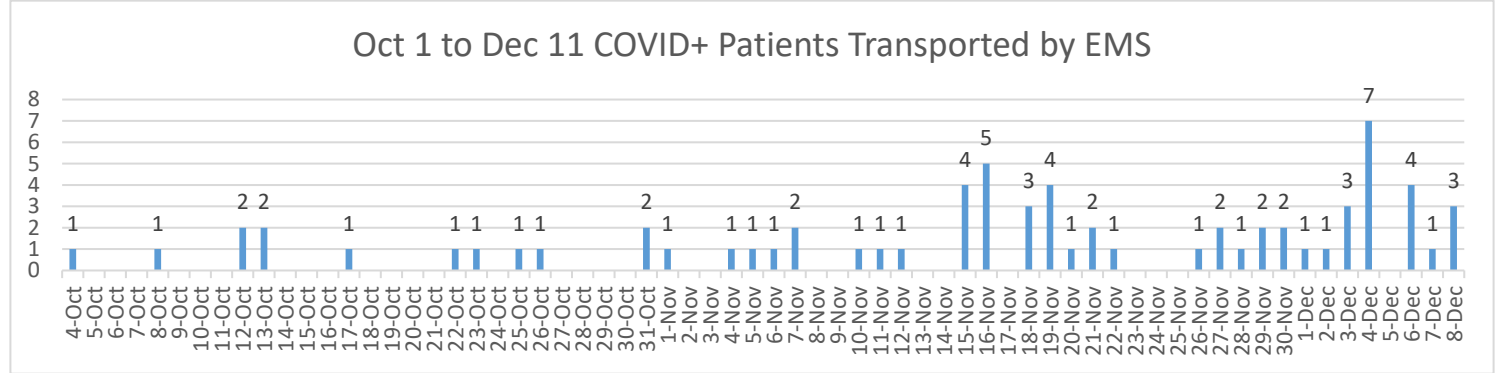| **Countywide Race/Ethnicity demographics**	Statewide By Race and Ethnicity is available at https://coronavirus.maryland.gov/ Asian: 56 (1.1%) Black/African American: 2053 (41.1%) White: 1056 (21.1%) Other /2+ races: 410 (8.2%) American Indian/Alaskan Native: 13 (0.3%) Data not available/Declined to Answer: 1406 (28.2%)

	Ethnicity: Hispanic: 348 (7.0%) Non-Hispanic: 3497 (70.0%) Data not available/Declined to Answer: 1149 (23.0%)

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 12/4	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
	20601	909	65	99	33.14
	20602	931	53	114	35.78
	20603	1029	77	123	32.71
	20604	13	1	1	NA
	20611	23	0	1	14.98
	20613	55	2	0	3.67
	20616	191	16	19	31.44
	20622	38	0	0	8.09
	20632	23	1	0	NA
	20637	126	7	16	22.00
	20640	282	29	113	28.55
	20645	28	4	2	NA
	20646	594	44	73	27.89
	20658	22	2	2	NA
	20662	79	9	9	26.72
	20664	65	6	8	19.42
	20675	39	2	6	17.12
	20677	58	5	7	23.05
	20693	33	2	7	NA
	20695	403	21	70	47.83

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: 39.17
20613, Brandywine: 36.30
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: 31.02
20772, Upper Marlboro: 40.62
20744, Fort Washington: 40.88

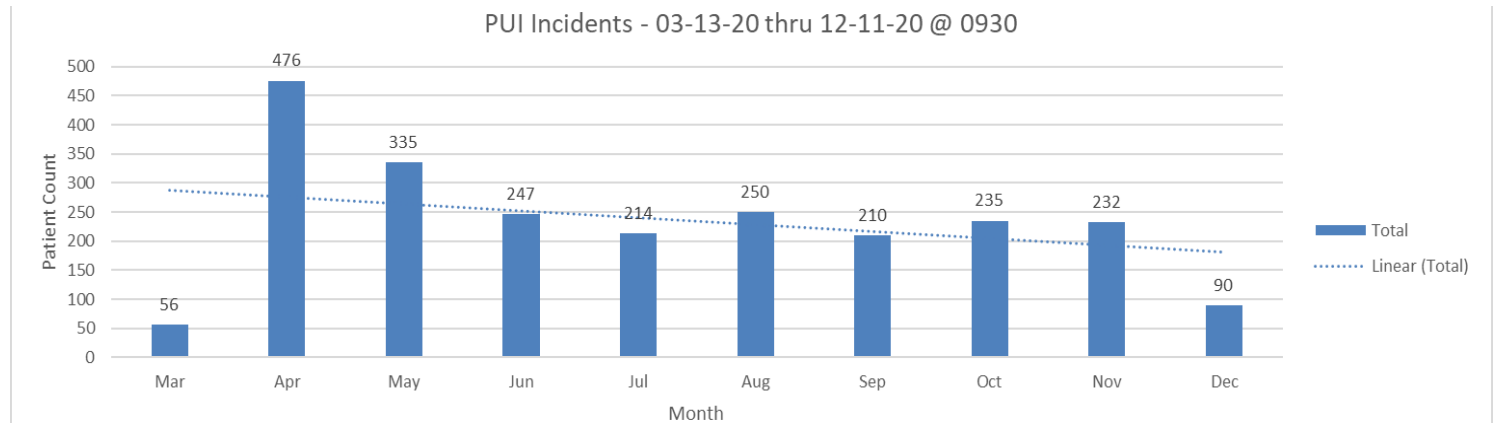| Charles County Dept of Health Testing Update:	NO report today – 12/11

Total COVID+ transported by Career & Volunteer EMS:

Oct 1 to Dec 11 COVID+ Patients Transported by EMS

PUI = Person Under Investigation

PUI Incidents - 03-13-20 thru 12-11-20 @ 0930

First Responders Quarantine/ Isolation	Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive. 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 -4 since previous report Animal Control: 1 – Quarantined 0 – isolated Communications: 0 quarantined -6 since previous report 2 isolation +2 since previous report

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	Law Enforcement:- Quarantine: 8 -5 since last report Isolation:2 -2 since last report
DES HazMat Team Decons	*None this week.*
Volunteer Fire, Career & Volunteer EMS	**Stations/Apparatus:** - No Station with any contamination issues. - No Apparatus with any contamination issues. **Personnel Exposure:** None Reported. **Incidents/Call Volume:** - No Major Incidents to Report related to COVID-19. - Call volume for Fire and EMS Events is average. - House/Building Fire's on the rise as colder temperatures settle in. - Transports of COVID Positive Patients have slightly decreased from previous weeks. **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. - All personnel need to remember to place a Simple Mask on their patient during their transport and ensure they are wearing at the arrival at the Hospital. - If Departments are having issues with getting PPE from their Vendors, please send a 213 Form to deslogistics@charlescountymd.gov. - As COVID is on the rise and we move through the Holidays, if you any provider needs someone to talk to, Please do not hesitate to reach out to Peer Support. They can be reached at DESpeersupport@charlescountymd.gov or (240) 532-0558.
Charles Regional Medical Center:	• Hospital Bed Capacity = 166. Census = 96 • Hospital COVID Positive Census = 17 • PUI admissions = 5 • ICU Census = 6 • 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 = 8
	• Ventilated COVID-19 positive patients = 3
	• Ventilators not in use = 17
	• EMS staff transported to CRMC 12/10/2020 = One (1) Covid positive patients, and zero (0) PUI's.
Law Enforcement	*Agency COVID-19 Numbers:* Charles County Sheriff's Office: • 6 Sworn Officer quarantined (estimated return to work –2 on 12/12; 3 on 12/17; 1 on 12/18) • 1 Sworn Officer isolated • 2 Correctional Officer quarantined (estimated to return to work – 1 on 12/15; 1 on 12/20) • 0 Correctional Officers isolated • 0 civilians quarantined • 1 civilians isolated. Charles County Detention Center Population: • 112 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.