Charles County Emergency Services
Situation Report #119

SITUATION	
Situation Summary:	Global COVID-19 situation map here Maryland summary map here **Weekly COVID+ Case Rate** **Weekly COVID+ Percentage**
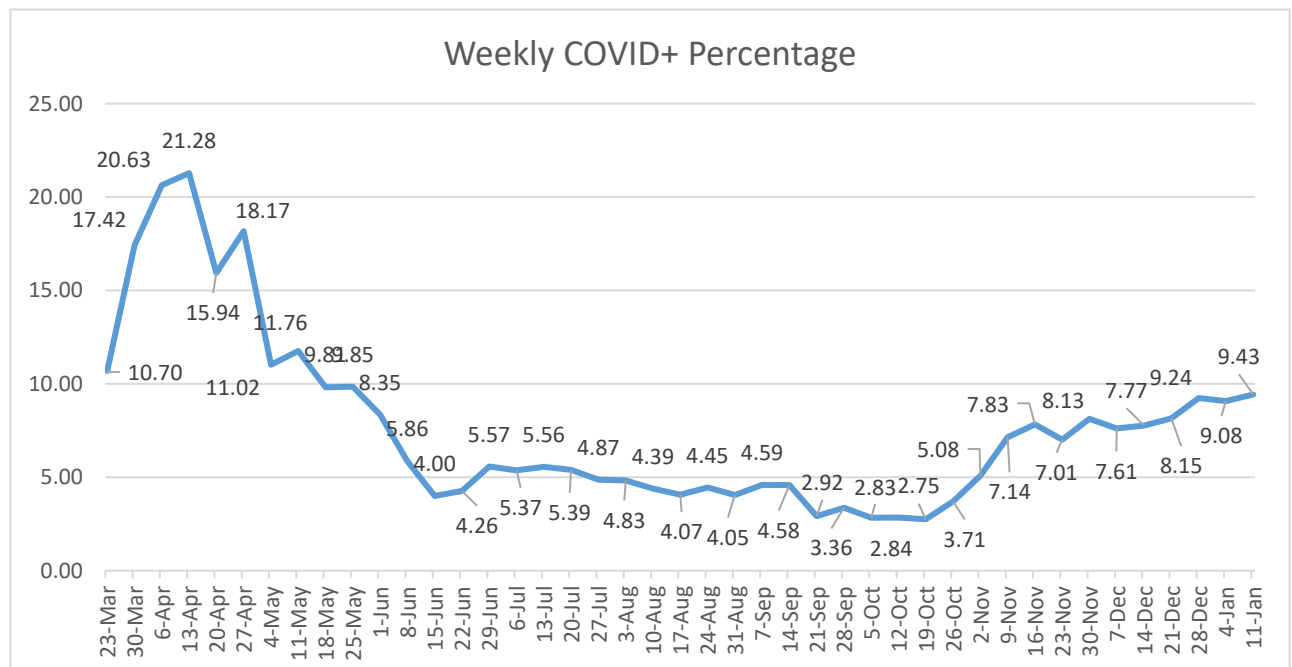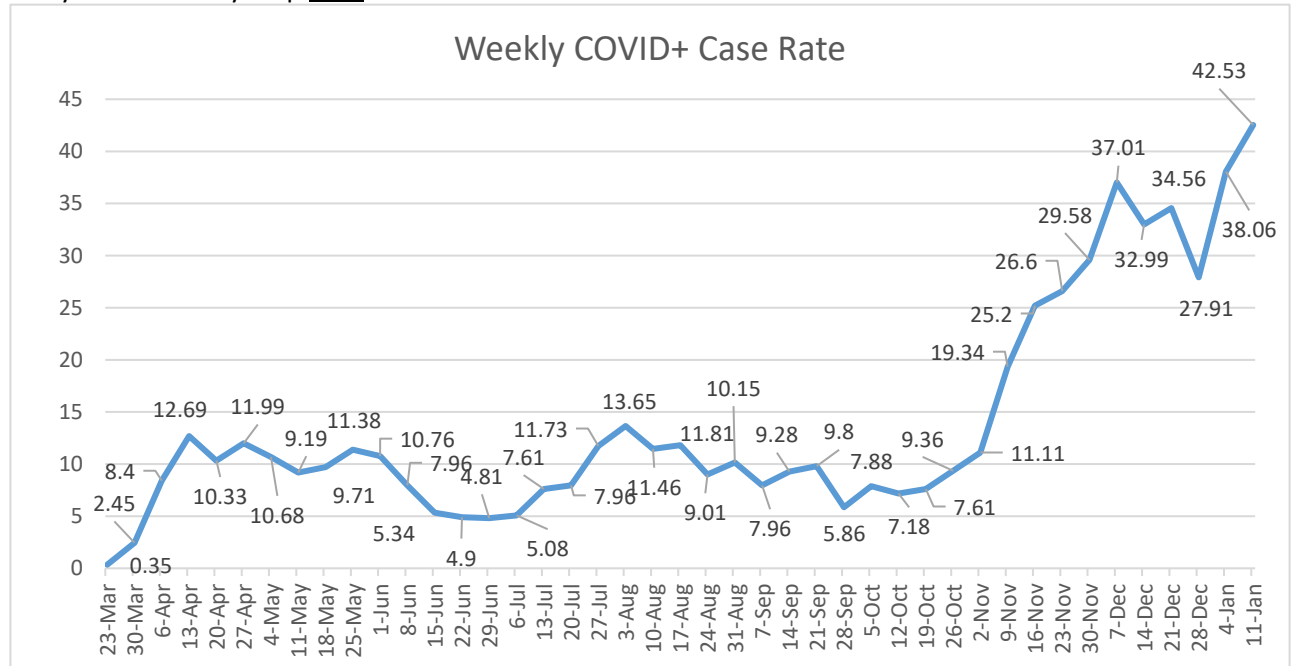
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Weekly COVID+ Positives and Deaths

Weekly Negatives

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CRMC COVID+ average of COVID+ patients admitted per week
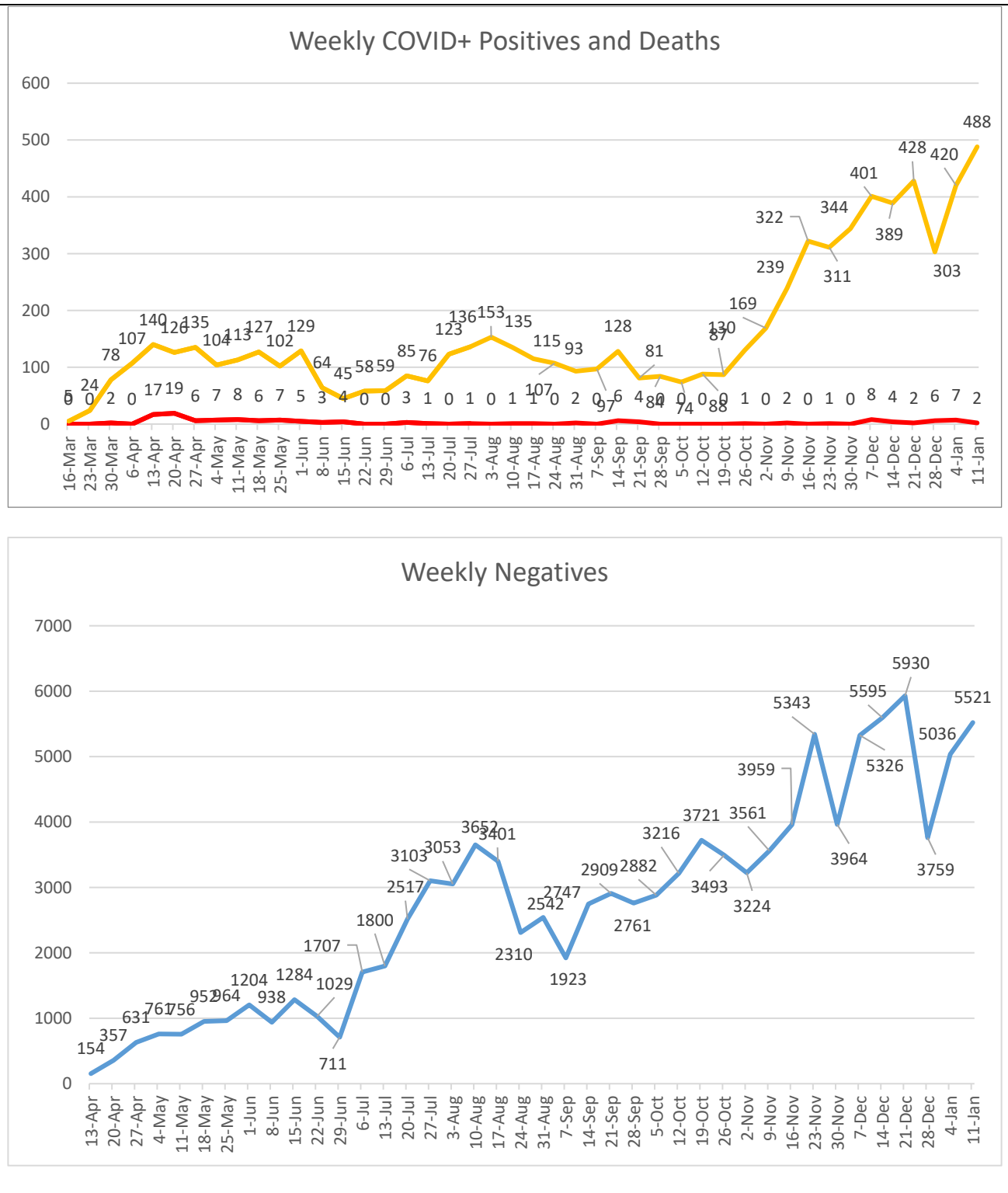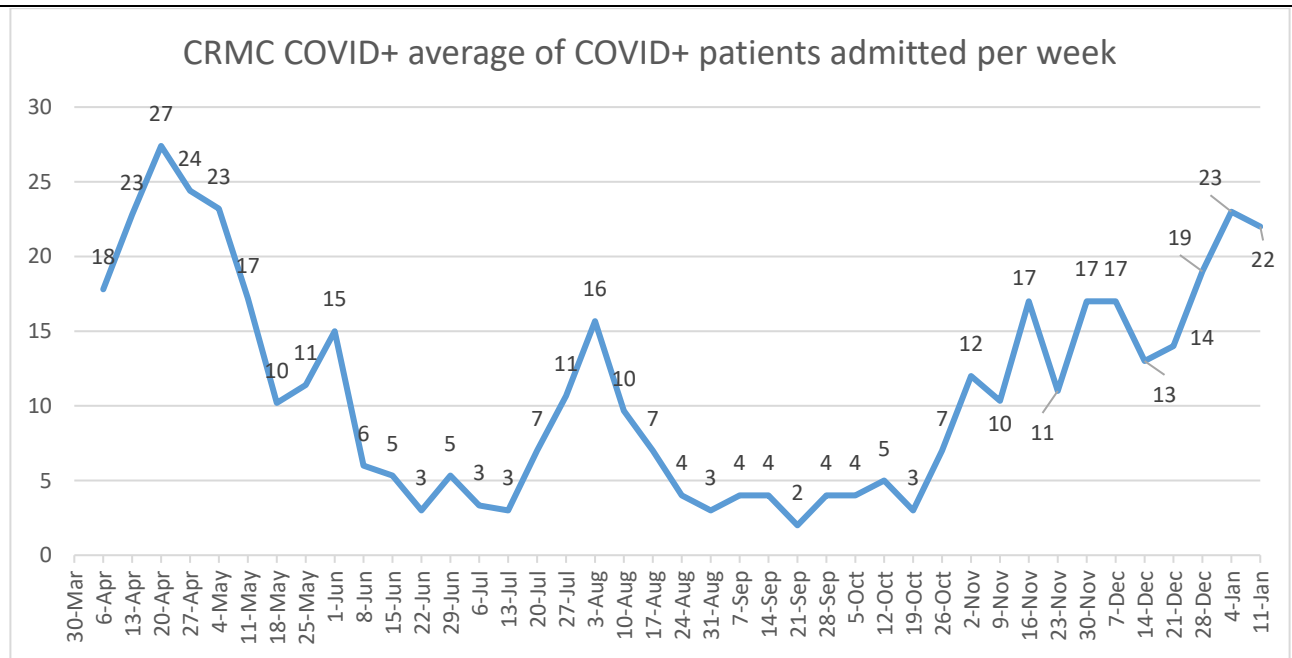
Charts based upon the data provided by the HD

Charles County Dept of Health Data:	7022 cases total reported since the beginning of the event. 488 new cases since 1/8, 65 new cases in last 24 hours

Among confirmed cases, 3839 (54.7%) Female; 3183 (45.3%) Male
Age range of positive COVID-19 cases: 0-103 years
Average age of confirmed cases: 41.2
Age Distribution for Charles County cases:
Under 18 years: 789 (11.2%)
18-64 years: 5424 (77.2%)
65+ years: 809 (11.5%)

110,096   negative tests results

7 day average case rate per 100,000 population:
Charles County:	Maryland:
1/8: 36.58	45.81
1/9: 38.85	47.72
1/10: 40.78	50.46
1/11: 42.26	51.71
1/12: 42.88	53.39
1/13: 43.23	51.90
1/14: 42.53	51.85

7 day average percent positivity rate:
Charles County:	Maryland:
1/8: 9.19%	9.16%

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1/9: 8.65%   8.73%
1/10: 8.88%   8.56%
1/11: 9.66%   8.77%
1/12: 9.83%   8.53%
1/13: 9.50%   8.43%
1/14: 9.43%   8.30%
Total Number of negative lab results: 110,096
Number of negative lab results since 1/8: 5,521
Total testing volume for Charles County (positive and negative): 117,118
Percentage of Charles County residents who have been tested for COVID-19: 40.3%

Total Positivity Rate for all lab results thus far: 6.00%
7 day positivity rate for all lab results: 9.43%

Total Testing Volume per 1000 population by Race:
Maryland: 952.52
Charles County: 752.76
Charles County Asian: 241.48
Charles County African American/Black: 671.11
Charles County Other Race: 741.64
Charles County White/Caucasian: 485.84
Positive Tests per 1000 by Race:
Maryland: 56.68
Charles County: 47.07
Charles County Asian: 16.95
Charles County African Americans: 44.53
Charles County Other: 82.96
Charles County White: 28.75

Average number of days from specimen collection date to reporting to public health for all positive and negative lab results between January 8- January 14: 2.86 days
Average number of days from specimen collection date to reporting to public health for all positive lab results between January 8- January 14: 2.87 days

Weekly data update for contact tracing:
1. Open Cases- still working
132 from CCDOH
463 from NORC
Total: 595

2. Closed cases- no need for further tracing
Total: 3353

Data from CovidLink:

6,427 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 (43.2%)*, the most common symptoms were cough, loss of taste and/or smell, headache, fever, and chills.
3,090 cases reported having no COVID-19 symptoms (48.1%)*.

*5,865 out of 6,427 cases reported whether or not they were experiencing COVID-19 symptoms. Due to this, these percentages will not add up to 100%.

588 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 it the accurate number of hospitalizations to date.

132 confirmed deaths, 2 additional deaths since previous report

There have been 132 confirmed deaths associated with COVID-19. This equates to 1.9% of total confirmed cases. The Charles County death rate of 1.9% is now below the MD state average death rate of 2.0%. 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 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: 75.4 years
Age Distribution of Fatalities:
0-39 years: <7 (0.8%) Data is suppressed when the number of cases is less than 7.
- 40-69 years: 37 (27.8%)
- 70-79 years: 49 (36.8%)
- 80+ years: 46 (34.6%)
Gender breakdown among fatalities:
69 or 51.9% Female
64 or 48.1% Male
Racial breakdown among fatalities:
40.6% Non-Hispanic White
50.4% Non-Hispanic Black
3.8% Non-Hispanic Asian
4.5% Hispanic
Location of death:
Hospital Inpatient: 88 or 66.2%

Nursing Home: 28 or 21.1%
Other/Home/Emergency Room/Outpatient: 17 or 12.8%

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

Asian: 74 (1.1%)
Black/African American: 3010 (42.9%)
White: 1550 (22.1%)
Other: 566 (8.1%)
American Indian/Alaskan Native: 17 (0.2%)
Native Hawaiian/Pacific Islander: <7 (0.02%)
Data not available/Declined to Answer: 1804 (25.7%)
Ethnicity:
Hispanic: 452 (6.4%)
Non-Hispanic: 5146 (73.3%)
Data not available/Declined to Answer: 1424 (20.3%)

Zip code:	Total number of positive cases	Number of new positive cases since 1/8	Number of new negative labs in last 24 hours	Case Rate per 1000 residents
20601	1251	95	132	47.38
20602	1337	87	164	51.27
20603	1427	99	194	45.44
20604	16	1	4	NA
20611	38	4	3	24.76
20613	75	2	0	5.41
20616	292	23	35	47.82
20622	40	0	0	6.35
20632	26	1	0	NA
20637	183	18	25	32.21
20640	412	26	38	41.13
20645	35	0	0	NA
20646	811	52	76	38.67
20658	34	2	7	NA
20662	108	5	10	36.07
20664	90	3	21	25.71
20675	53	6	8	24.53
20677	90	5	9	34.58
20693	41	1	10	NA
20695	592	50	61	74.90

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: 52.79 20613, Brandywine: 50.67 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: 47.72 20772, Upper Marlboro: 58.36 20744, Fort Washington: 56.89
Charles County Dept of Health Testing Update:	Tuesday, 1/12: Regency Stadium / NP Swab / Appt only / 4 lanes / 240 tested Testing continues every Tuesday at Regency Stadium from 0900 – 1300 Make appointments at: https://coronavirus.maryland.gov/pages/symptoms-testing The lab (CIAN) continued to post results within 48-72 hours of testing for the week Number of agencies self-testing (self swabs) that receive kits from the HD = 8 Total testing at these agencies for the period 1/4 through 1/8 = 82
Charles County Dept of Health COVID-19 Vaccination Update:	Two vaccination clinics for those in Group 1A were held since last report date: Saturday, January 9: Regency Stadium / Appt only / 4 lanes / 8 stations / 680 vaccinated /800 appointments opened / 0930 – 1530 Wednesday, January 13: Regency Stadium / Appt only / 4 lanes / 8 stations / 700 vaccinated / 800 appointments opened / 0900-1300 and 1400-1800 Vaccinating Group 1A continues today – Friday, January 15 with 800 appointments opened Vaccination will be open to those in Group 1B beginning Wednesday, January 20 A few restrictions exist regarding being able to receive the vaccine. if you have had any vaccination within 14 days or are planning vaccine within 14 days of having an appointment to get a COVID-19 vaccination; If you are pregnant, breastfeeding or could become pregnant, you need to consult with your OB/GYN prior to scheduling an appointment. Immunocompromised persons, including individuals receiving immunosuppressive therapy, may have a diminished response to the vaccine. Collaboration expands: Charles County Mobil Intensive Care unit provided vaccinator/scribe teams and support staff Parks and Rec positioned/will continue to position, two digital sign boards (Enter and Do Not Enter)

Various ambulance companies provided/will continue to provide on-site ambo's
Emergency Services (ES) staff set cones/sandwich boards and breaks them down for each clinic
ES provided/will continue to provide a generator to run heater in HOLD/WAIT staff tent
CC GOVT assisting with varying levels of messaging and COVID-19 Vaccination Hotline
Charles County Public Schools continues to support with School Health Nurses/staff and IT equipment
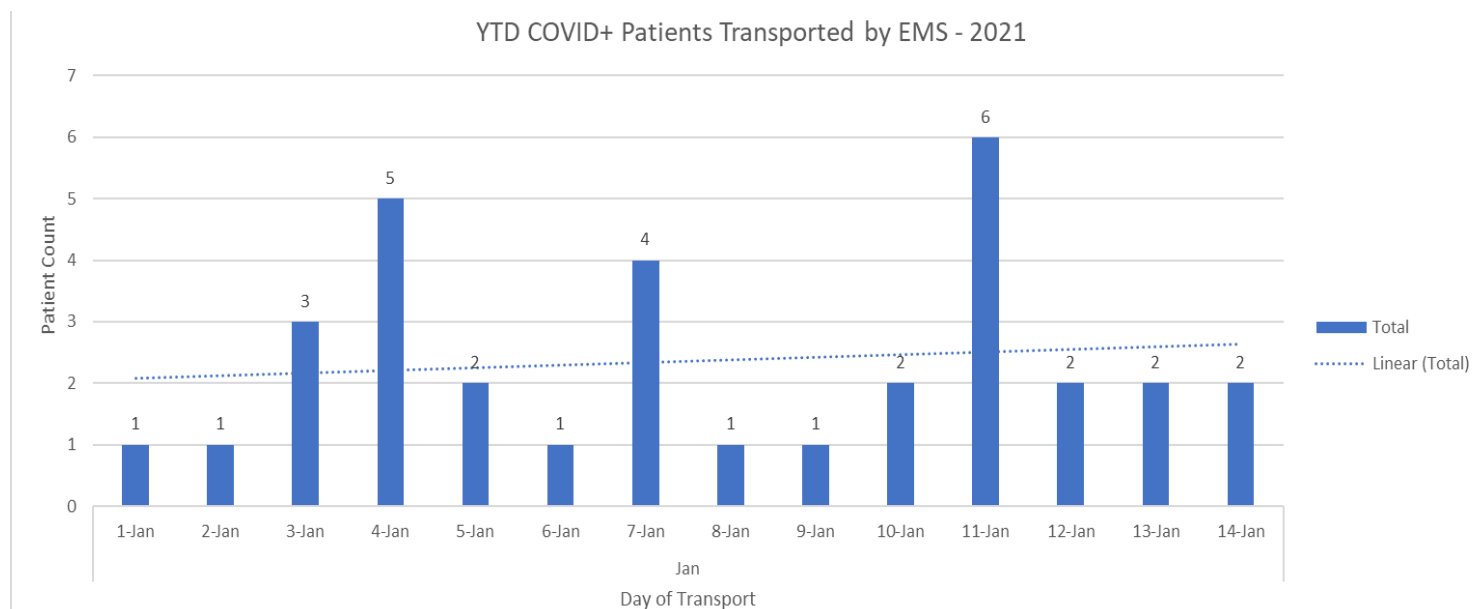
Thank you!

The automated COVID-19 vaccination message hot line provides information on phases/groups and clinic dates: 301.609.6710

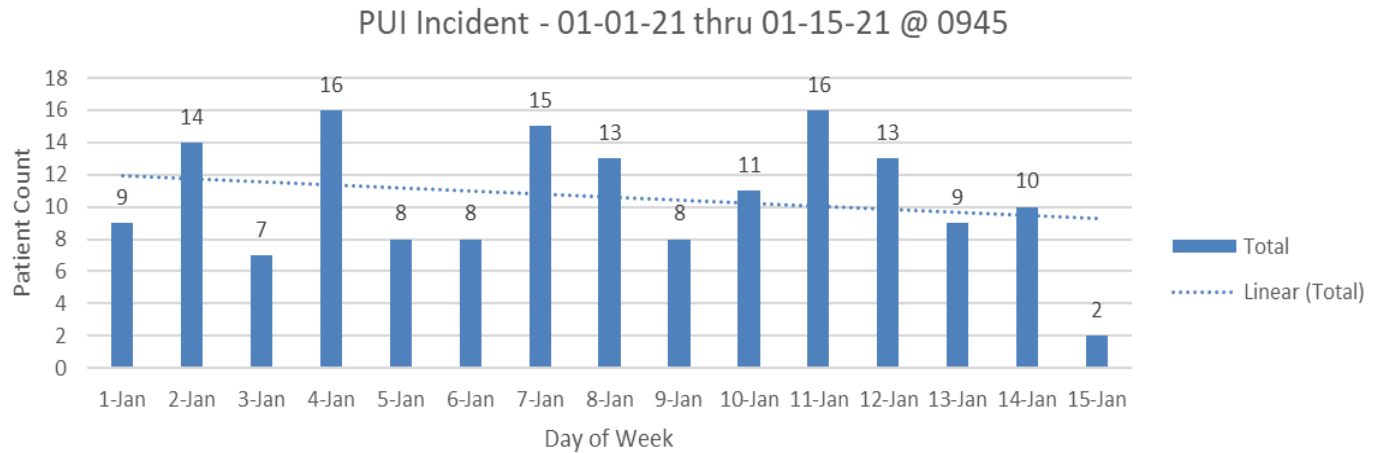There is also a new website for all things related to COVID-19 vaccine FAQs:
https://charlescountyhealth.org/covid19-vaccine-faqs/

Total COVID+ transported by Career & Volunteer EMS:

YTD COVID+ Patients Transported by EMS - 2021

PUI = Person Under Investigation

PUI Incident - 01-01-21 thru 01-15-21 @ 0945

First Responders Quarantine/ Isolation	Quarantine means exposed and they can't come to work. Self Isolation means sick or tested positive. DES Admin: 0 Quarantine -1 since previous report 0 Isolation Fire/EMS: 2 Quarantine: means exposed and they can't come to work -2 since previous report 3 Isolation: means sick or tested positive -2 since previous report Animal Control: 0 – Quarantined -1 since previous report 1 – isolated no change since previous report Communications: 1 quarantined -1 since previous report 0 isolation no change since previous report Law Enforcement (includes CCSO dispatchers):- NO REPORT 12/31 13 quarantined +12 since previous report 6 isolation +5since previous report
DES HazMat Team	Decons: • District 1 Station, upstairs and warrant office. • Station 51 (Partial), Bunk rooms and common areas were done. Command staff at 51 to contact a contractor for complete station decontamination. Vaccine Clinic Support: • Providing personnel to setup and close down road cones, portable message boards, and generator/light.

Jan 15, 2021 ~ COVID 19

Volunteer Fire, Career & Volunteer EMS	**Stations/Apparatus:** - No Station with any contamination issues. - No Apparatus with any contamination issues. **Personnel Exposure:** 2 – Isolation 3 – Quarantined **Incidents/Call Volume:** - No Major Incidents to Report related to COVID-19. - Call volume for Fire is average and EMS has been above average. - Transports of COVID Positive Patients remain average 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. - If Departments are having issues with getting PPE from their Vendors, please send a 213 Form to deslogistics@charlescountymd.gov. - Several First Responders have received their 1st Round of the COVID-19 Vaccine over the past 2 weeks.
Charles Regional Medical Center:	• Hospital Bed Capacity = 166. Census = 85 • Hospital COVID Positive Weekly Average Census = 22 • PUI admissions = 4 • ICU Census = 9 • 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 = 9 • Ventilated COVID-19 positive patients = 2 • Ventilators not in use = 18 • EMS staff transported to CRMC 01/14/2021 = No report available at this time.

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Law Enforcement	**_Agency COVID-19 Numbers:_**
	
	Charles County Sheriff's Office:
	    • 16 Sworn Officer quarantined
	    • 4 Sworn Officer isolated
	    • 11 Correctional Officer quarantined
	    • 0 Correctional Officers isolated
	    • 3 civilians quarantined
	    • 0 civilians isolated
	
	Charles County Detention Center Population:
	    • 106 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.