

Charles County COVID-19

Incident Action Plan



Operational Period

From 4/21/20 8:00 To 4/23/20 8:00 -



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name Charles County COVID-19	2. Operational Period	Date From: 4/21/20	Date To: 4/23/20	Time From: 8:00	Time To: 8:00
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3. Objectives

- A. Ensure the safety and overall health and well-being, including mental health of the residents, county employees, and responders, throughout this incident.
- B. Conduct surveillance of COVID-19 cases in collaboration with the health department, hospital, physicians, and other health care providers.
- C. Maintain timely, accurate and uniform communications with residents, employees and first responders as well as partners in the tri-County and National Capital Region and the state of Maryland.
- D. Prepare for and handle the human reaction crisis contingencies in long terms.
- E. Prepare for long term order maintenance.
- F. Prepare for and sustain our communities' hierarchy of needs throughout this incident.
- G. Determine trigger points for Continuity of Operations for all agencies, including government, public safety, schools, hospital, and other critical infrastructure systems.
- H. Ensure all practical steps to "Slow the Spread" of transmission of COVID-19.

4. Operational Period Command Emphasis

Use the recommended PPE on all calls, take all the necessary precautions. PPE recommendations need to be followed 100% especially in nursing homes, and areas with groups of non-ambulatory patients.

General Situational Awareness

"Are you doing all you can? Use PPE, use hand sanitizer, and wash your hands frequently!"

5. Site Safety Plan Required? ☐ Yes ☒ No
Approved Site Safety Plan(s) Located at:

6. Attachments (check if attached)

<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<input checked="" type="checkbox"/>	ICS 214
<input type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 208	<input type="checkbox"/>	
<input type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/>	
<input checked="" type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather	<input type="checkbox"/>	
<input type="checkbox"/> ICS 206	<input type="checkbox"/> Forecast/Tides/Currents	<input type="checkbox"/>	

7. Prepared by: Name: Joe Hoffmaster **Position/Title:** PSC **Signature:** _____

8. Approved by Incident Commander: Name: Michelle Lilly **Signature:** _____

ICS 202	IAP Page <u>2</u>	Date/Time: <u>April 21, 2020 @15:00</u>
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ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name		2. Operational Period	
Charles County COVID-19		Date From: 4/21/20 Date to: 4/23/20 Time From: 8:00 Time to: 8:00	
3. Incident Commander and Staff		7. Operations Section	
UC	Dr. Howard Haft	Chief	
UC	Michelle Lilly	Deputy	
Deputy	Melanie Gardner		
Deputy	Tony Rose		
Safety Officer	John Filer	a. Branch I	Public Health
Public Information Officer	Jennifer Harris Donna Fuqua	Branch Director	Ranston Harvey
Intell Officer	Jason Stoddard	Deputy	Mary Lilly
4. Agency Representative		DSS	
		Liaison Officer	Tom Brown Robbie Jones
Agency	Name	Hospital	Bill Grimes John Filer
Intell officer Deputy	Mike Meiser	Nursing Homes	
Lifestyles	Sandy Washington	Health Care Providers	Melanie Gardiner
Public Schools	Mike Meiser	Rehab Centers	
		Assisted Living	Rosalina Horton
		Funeral Services	Cateria Patterson
		b. Branch II	Public Safety
		Branch Director	Mark Kaufmann Jr.
		Deputy	Scott Herbert D J Mills
		DES EMS	Steve Finch
		Vol EMS	Andrew Spalding Mitchell Lewis
		Vol Fire	Scott Herbert
		Logistics	Scott Herbert
5. Planning Section		c. Branch III	Law Enforcement
Chief	Joe Hoffmaster	Branch Director	Chris Schmidt
Deputy	Bill Smith	Deputy	Cari Baker
Resource Unit		La Plata Police	Chris Becker
Situation Unit	need to fill	MD State Police	Thomas Quade
Documentation Unit	need to fill	DNR	Catherine Meddelin
Demobilization Unit		MdTA	Brian Lawrence
Human Resources			
Technical Specialists (name / specialty)		d. Branch IV	Infrastructure
		Branch Director	
		Deputy	
		SMECO	Jennifer Raley
		Grocery	
6. Logistics Section		Propane	
Chief	Nick Ellis	Natural Gas	
Deputy	Lori Cherry		
Support Branch			
Donations	Ed Tucker		
Supply Unit			
Facilities Unit	Nick Ellis	10. Finance Section	
Ground Support Unit		Chief	Jennifer Adams
Service Branch		Deputy	
Service Branch Dir.		Time Unit	
Communications Unit		Procurement Unit	
Medical Unit		Comp/Claims Unit	
Security Unit		Cost Unit	
Food Unit			
9. Prepared by: Name: Joe Hoffmaster		Position/Title: PSC Signature	
ICS 203	IAP Page 3	Date/Time: April 21, 2020 @ 15:00	

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UC	Dr. Howard Haft	Chief	
UC	Michelle Lilly	Deputy	
Deputy	Melanie Gardner		
Deputy	Tony Rose		
Safety Officer	John Filer	a. Branch V	Governance
Public Information Officer	Jennifer Harris Donna Fuqua		
Intell Officer	Jason Stoddard		
4. Agency Representative		Charles County Govern.	Michele Lilly
Agency	Name	Town of LaPlata	Chris Becker
Intell officer Deputy	Mike Meiser	Town of Indian Head	Ryan Hicks
Lifestyles	Sandy Washington		
CC Public Schools	Michael Meiser		
		b. Branch VI	Business
		Branch Director	Darre'll Brown
		Deputy	Marcia Keeth
		Economic Development	Darre'll Brown
		Chamber of Commerce	Bonnie Grady
5. Planning Section		c. Branch VII	Peer Support
Chief	Joe Hoffmaster	Branch Director	
Deputy	Bill Smith	Deputy	
Resource Unit			
Situation Unit	need to fill		
Documentation Unit	need to fill		
Demobilization Unit			
Human Resources			
Technical Specialists (name / specialty)		d. Branch VIII	
		Branch Director	
		Deputy	
6. Logistics Section			
Chief	Nick Ellis		
Deputy	Lori Cherry	e. Branch IX	
Support Branch			
Donations	Ed Tucker		
Supply Unit			
Facilities Unit	Nick Ellis	10. Finance Section	
Ground Support Unit		Chief	Jen Adams
Service Branch		Deputy	need to fill
Service Branch Dir.		Time Unit	
Communications Unit		Procurement Unit	
Medical Unit		Comp/Claims Unit	
Security Unit		Cost Unit	
Food Unit			
9. Prepared by: Name: Joe Hoffmaster Position/Title: PSC Signature			
ICS 203	IAP Page 4	Date/Time: April 21, 2020 @ 15:00	

SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name Charles County COVID-19	2. Operational Period Date From: 4/21/20 Date To: 4/23/20 Time From: 8:00 Time To: 8:00
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:	
"Are you doing all you can? Use PPE, use hand sanitizer, and wash your hands frequently!"	
1. Total identified PUI's transported as of 4/21: 389 Total # of patients testing positive : 73	
2. PPE stockpiles remain stable with an estimated supply range of 10+ days based on current call volumes.	
3. Revision to EMSOP Special Order 2020-01 Version 4.0 has been completed and disseminated to staff.	
4. As this is a rapidly changing landscape, leaders should review any changes with their personnel each morning.	
5. Speical Order 2020-04 Version 1.0 was released today. New guidelines for personnel at the beginning of their shift, end of their shift and at the station.	
6. Personnel who report having a fever, sore throat, cough or other respiratory related symptoms should stay at home and self-isolate until they are symptom free for a period of 72 hours.	
7. The County's Peer Support Team has been activated and will make weekly wellness checks with our County's first responders. We are working through the logisitcs but will provide an email address and phone number to contact the team. Will diseminate when we have the contact information.	
8. Please remember that PPE caches are for EVERYONE. We are all in this TOGETHER so there is NO career and volunteer PPE caches.	
9. Under the approval of the EOC and to keep congruent with the CDC and Governor Hogan's reccomendations, Safety has approved the use of simple face masks (commercial or crafted) in the public arena. Per SOP, N95's are to be used for all patient contacts with reuse guidelines in place per the CDC recomendations.	
10. Two new videos posted on You Tube: PPE Best Practices - https://youtu.be/mY4rvyJDxDk and Peer Support Services - https://youtu.be/jZD1EOon7Sw	
Site Safety Plan(s) Located At: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Prepared by: Name: <u>John Filer</u> Title: <u>Safety Officer</u> Signature: _____	
ICS 208	IAP Page _____ Date/Time: <u>April 21, 2020</u> @ <u>15:00</u>

ACTIVITY LOG (ICS 214)

1. Incident Name Charles County COVID-19		2. Operational Period		Date From	4/21/2020	Date To:	4/23/2020
				Time From:	8:00	Time To:	8:00
3. Name:		4. ICS Position		5. Home Agency (and Unit):			
6. Resources Assigned							
Name		ICS Position		Home Agency (and Unit)			
7. Activity Log							
Date/Time		Notable Activities					
8. Prepared by: Name: _____ Position/Title: _____ Signature: _____							
ICS 214, Page 1		Date/Time: _____					

ACTIVITY LOG (ICS 214)

[illegible]



Safety Officer's Report Charles County EOC

04-21-20

John Filer
Chief of EMS and SOD
Charles County Department of
Emergency Services

Today's Safety Message: "Are you doing all you can? Use PPE, use hand sanitizer, and wash your hands frequently."

Total number of PUI's transported to date: 389

Total number of patients transported by EMS testing + for COVID: 73

Total number of first responders on self-isolation: 7

Total number of first responders on quarantine: 27

Total number of first responders out for COVID related mental health: 2

Total number of fire stations sanitized: 3

Daily Estimated PPE Burn Rate: 30 sets/day



10425 Audie Lane
La Plata, MD 20646



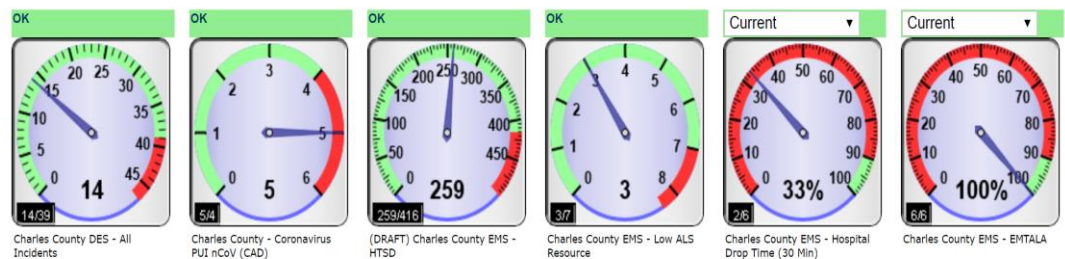
301-399-1143



DESsafety@charlescountymd.gov



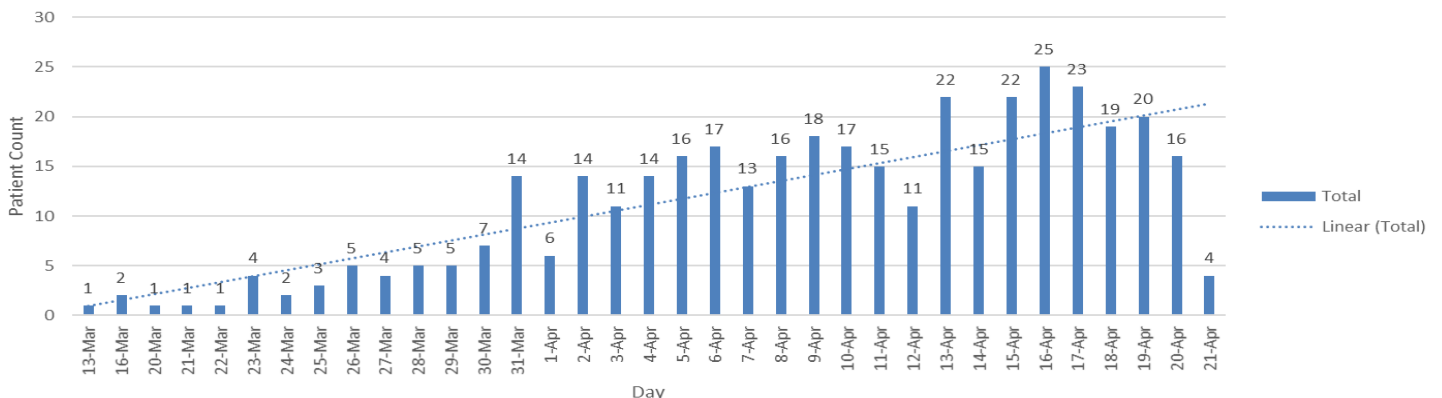
www.charlescountymd.gov



ePCR

Count of Incident Number

PUI Incidents - 03-13-20 thru 04-21-20 @ 0948



Sent to Queue



CORONAVIRUS PREVENTION



ARE YOU

DOING ALL YOU CAN ?

First Responder Hours at Local Stores as of 4-21-2020

- Costco- first responder and health care workers can move the front of the line with ID
- Sam's Club- Hero Hours, Sunday morning 0800-1000 with ID- no membership required
- BJ's- Appreciation Hour, Sunday morning 0800-0900 with ID- no membership required
- Walgreens- April 25th, "Frontline Heroes Discount Day," and will give first responders, police and medical personnel 30% off regularly-priced Walgreens brands and 20% off regularly priced national brand products.
- Verizon - announced that starting April 23 it is expanding its unlimited pricing plan to include nurses and teachers. New and existing Verizon customers are eligible for the plans along with active-duty military, veterans and first responders.
- Walmart: The retail giant is reserving an hour each day for pickup orders for first responders as well as shoppers most at risk for the coronavirus. The "pickup hour" is from 7 to 8 a.m. daily.
- Big Lots: Through at least April 30, the retailer is giving all first responders, medical professionals, active military, veterans and commercial truck drivers 15% off everything in stores and online. In stores show your work ID, military ID, commercial driver's license or badge. Online use code BIGHEROES at checkout.
- Bojangles': Through June 10, the chain is giving away free cups of its Legendary Iced Tea to healthcare workers, first responders and law enforcement. No purchase is necessary.
- BP: First responders and health care workers get 50 cents off per gallon on their next fill up at BP and Amoco stations. To get the discount, you'll have to verify your employment status. Learn more at www.bp.com/localheroes.
- Checkers and Rally's: For a limited time at more than 250 of the fast-food chain's company-owned locations, uniformed medical workers and first responders get a free combo.
- Crocs: The company is giving away free footwear to health care workers including doctors and nurses and others in the industry who are on the frontlines of the pandemic. Choose between Crocs Classic Clogs and Crocs At Work styles. The free Crocs are available while supplies last at www.crocs.com/freeforhealthcare.
- Dollar General: Through April 30, all medical personnel, first responders and activated National Guardsmen get a 10% discount on qualifying purchases when they show their employment badge or ID at more than 16,300 stores. The discount store said in a news release that the program could be extended.

- Krispy Kreme: Every Monday through National Nurses Week (May 6-12), Krispy Kreme is giving all health care workers with a badge free dozens of its Original Glazed Doughnuts. This drive-thru offer is for anyone who works at a hospital, as well as physicians, nurses, surgeons, psychologists, dentists, optometrists, pharmacists and their staff. While supplies last.
- McDonald's: Starting Wednesday and through May 5, health care workers, police officers, firefighters and paramedics can get free "Thank You" meals at participating restaurants nationwide available at the drive thru or for carry out.
- Starbucks: The coffee giant is serving up free coffee for first responders and health care workers through May 3. The offer is for police officers, firefighters, paramedics, doctors, nurses, hospital and medical staff and medical researchers, Starbucks said.
- Wawa: For a limited time, the convenience store chain is giving free coffee to health care workers and first responders
- Chipotle to give free burritos to health care, medical professionals

Chipotle Mexican Grill announced Monday that it launching a new buy-one-get-one program to “support healthcare heroes across the U.S.,” the fast-casual chain said in a news release.

Starting Tuesday through April 26, Chipotle says it will donate a burrito to medical professionals every time a Chipotle digital customer names their burrito order "4HEROES" on the Chipotle app or Chipotle.com.

Health care workers will be able to sign up to request free burritos for their medical facility starting at noon ET May 6, which is Nurses Day.

According to the fine print, the maximum number of burritos to be donated is 100,000 but the “actual number of donated burritos will depend on redemption rate by qualifying health care providers during the promotional period.”

Respectfully submitted by Jason Stoddard, Intel Section Chief



PUBLIC HEALTH BRANCH BRIEFING COVID-19 PANDEMIC RESPONSE

April 21, 2020

GENERAL REPORTING INFORMATION

INFECTIOUS DISEASE

CASE COUNT—CHARLES COUNTY

As of 4/21/2020, total case count for Charles County is 401.

- *The line list with confirmed case counts for Charles County is continuously updated as lab reports are received from MDH, hospitals, and commercial laboratories.*
- *Contact tracing efforts are continuous with a focus on healthcare workers, EMS, and police.*

CALL CENTER UPDATE

- Operation time: 0800 to 2200.
- The numbers to call remain the same: 301.609.6717 or 301.609.6777
- Volume for new system is approximately 60 call per day.

MEDIA, SOCIAL MEDIA AND WEBSITE

- Nothing new to report.

PARTNER/STAKEHOLDER OUTREACH

ALL-PARTNER

- The all-partner call will be held Thursday, April 23 at 4 p.m.

LTC/AL

- The Long-Term Care and Assisted Living call will be held, Thursday, April 23 at 3 p.m.

EPI SURVEILLANCE PROFILE FOR STATE

Case Investigation, Surveillance, and Infectious Disease Response (D, Blythe)

- 1) **Latest case counts** – total: 14193 (59,442)
- 2) **New cases:** 509
 - a) **Age distribution:**
 - i) under 18 years - 2 %
 - ii) in 18-64 age range 74%
 - iii) in 65+ age range 24%
 - b) **Geographic distribution:**
 - i) National Capital 53%
 - ii) Baltimore Metro area 41%
 - iii) Eastern Shore 3%
 - iv) Southern 2%
 - v) Western 1%

- c) Of cases, 54% female; 46% male
- d) Hospitalizations 144 new; total 3158
- e) Deaths -- Total 584 (68 in Last 24hrs)
- f) Release from isolation – 930

CONFIDENTIAL – (INFORMATION BELOW IS FOR CORE PLANNING GROUP ONLY)

RESOURCE DISTRIBUTION

- 1 order picked up this morning – Dr. Mathur

VOLUNTEERS

MARYLAND MEDICAL RESERVE CORPS

- 4 responders as of 4/17/2020; accepted into unit 04/18/2020
- State MRC issued a statewide availability request for volunteers to serve: Caregiver Service Team Mission

TESTING

VEIP TESTING SITE UPDATE

- Tested to Date as of 4/17/20 (TTD): 278
- VEIP site testing underway 96 appointments/out of 100 were in CRISP prior to beginning testing this morning.
- CRISP 2.0 worked smoothly – no issues/CRISP technician was on site.
- Calvert County Health Department reps observed VEIP testing today in preparation of opening their own testing site.
- Experienced first walk-up patient – staff handled the situation well and performed the test

EPIDEMIOLOGY AND SURVEILLANCE

Charles County

As of 4/21 at 1000 am, total case count for Charles County was **401 cases**.

There have been **27 deaths** associated with COVID-19 (6.7%). Majority of deaths are associated with outbreaks in skilled nursing facilities.

- Average age of fatalities: 75 years
- Recovered and released from isolation: 49
- Partially recovered with improved symptoms: 15
- 97 or 24% hospitalization
- 61% Female; 39% Male
- 16% Healthcare Workers
- 35% have underlying health conditions
- Age range of positive COVID-19 cases: 6 months-100 years

Age Distribution for Charles County cases:

- Under 18 years: 1.2%
- 18-64 years: 78.1%
- 65+ years: 20.7%

ESSENCE data for urgent care utilization at Patient First in Waldorf had no data warnings or alerts for Monday, April 20th. Patient volume was low with 9 patients reported. All were discharged to home for self-care. 2 presented with ILI or COVID-19 like symptoms on Monday, 4/20. Diagnoses included acute sinusitis and lower respiratory infection. There were no CDC Classifier tags for any of the 9 cases on Monday, 4/20.

Surveillance of EMS call data and alerts

The epidemiologist monitors the Charles County DES First Watch trigger alerts. The number of daily trigger alerts for COVID-19 cases or COVID-19 persons under investigation was 19 on 4/20. Discussions with Robbie Jones from EMS reveal data issues with the alert system. The decrease in COVID-19 PUI alerts does not indicate a decrease in call volume. The epidemiologist has also noticed potential COVID-19 PUI that came as regular trigger alerts. Robbie said that they have to fix each tablet in order to fix the problem and have more accurate data.

4/18: 18

4/19: 23

4/20: 19

Racial breakdown

Racial breakdown: The data is now being captured in the MDH line lists of confirmed cases in REDCap. Data was accessed on 4/21 at 10:00 am. Please be cognizant that data may differ from numbers pulled later in the morning since new positive lab results are being received by the health department and entered into NEDSS throughout the work day. This explains any discrepancies in the total count or denominator being used to calculate each data measure.

Total: 401 cases on 4/21 at 1000 am MDH line list assessed through REDCap:

Data on race changes daily as case investigations are completed and more information on demographics is updated in the electronic reporting disease system. The percentage with unknown or data not available has seen a decline.

(Case counts with less than 7 cases should not be shared publicly. This data is confidential.)

- Asian: 9 (2.2%)
- Black/African American: 201 (50.1%)
- White: 103 (25.7%)
- Other: 18 (4.5%)
- Two or more races: 2 (0.5%)
- Data not available: 68 (17%)

Ethnicity breakdown

- Hispanic 10 (2.5%)
- Non-Hispanic 312 (77.8%)
- Declined to answer 39 (9.7%)
- Data not available 40 (10%)

Epidemiologist note: *Please use caution when drawing any conclusions regarding race or ethnicity. There is still a percentage where race data is not available, and information regarding this missing population cannot be assumed. Additionally, it should be noted that the greatest*

number of cases (57%) are the Waldorf zip codes of 20601, 20602, and 20603. Over half of the county population lives in those zip codes. Additionally, those zip codes have a very diverse population with minority populations comprising the majority of the zip code level population and with African Americans being the largest racial group in those zip codes.

Zip Code breakdown

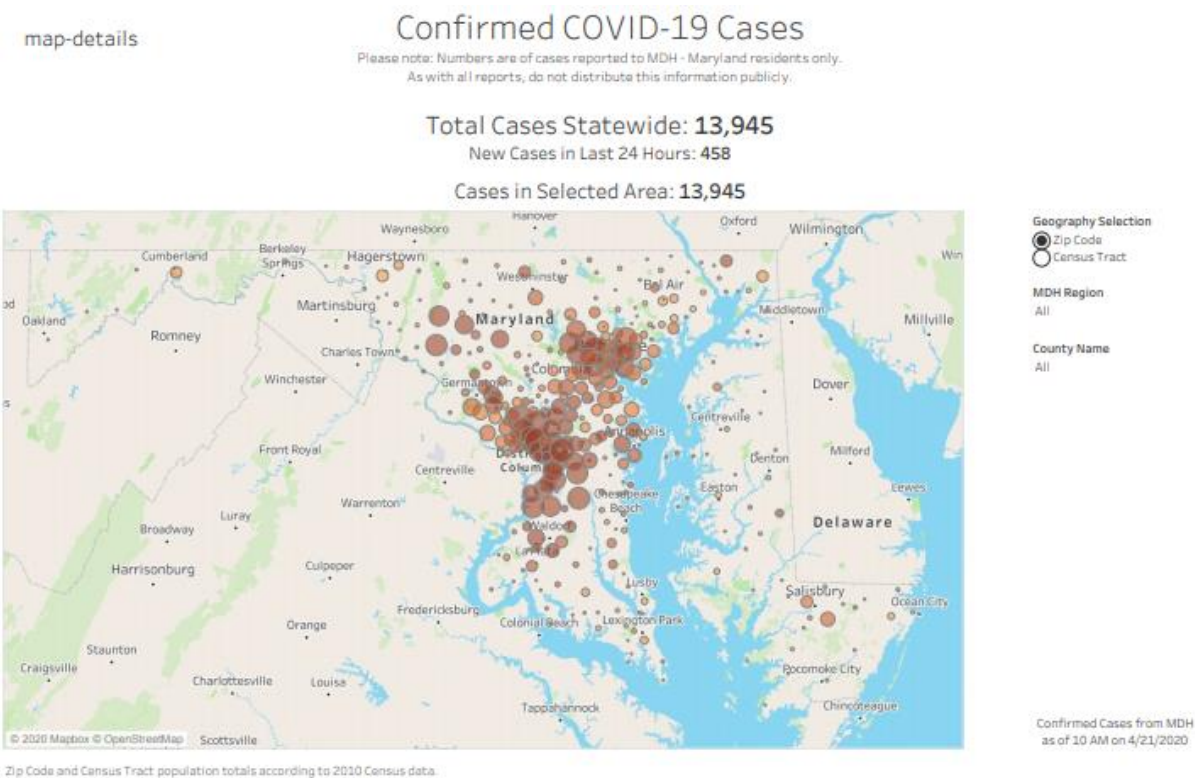
Zip Code level data was also analyzed using the MDH line lists of confirmed cases in REDCap. Data was accessed on 4/21 at 1000 am with 401 cases as the total count at that moment in time. Data for all zip code with a case count greater than 7 has been included in the attached GIS map. *(Zip code level data with counts less than 7 cases cannot be shared publicly and must remain confidential.)*

Confirmed cases by zip code:

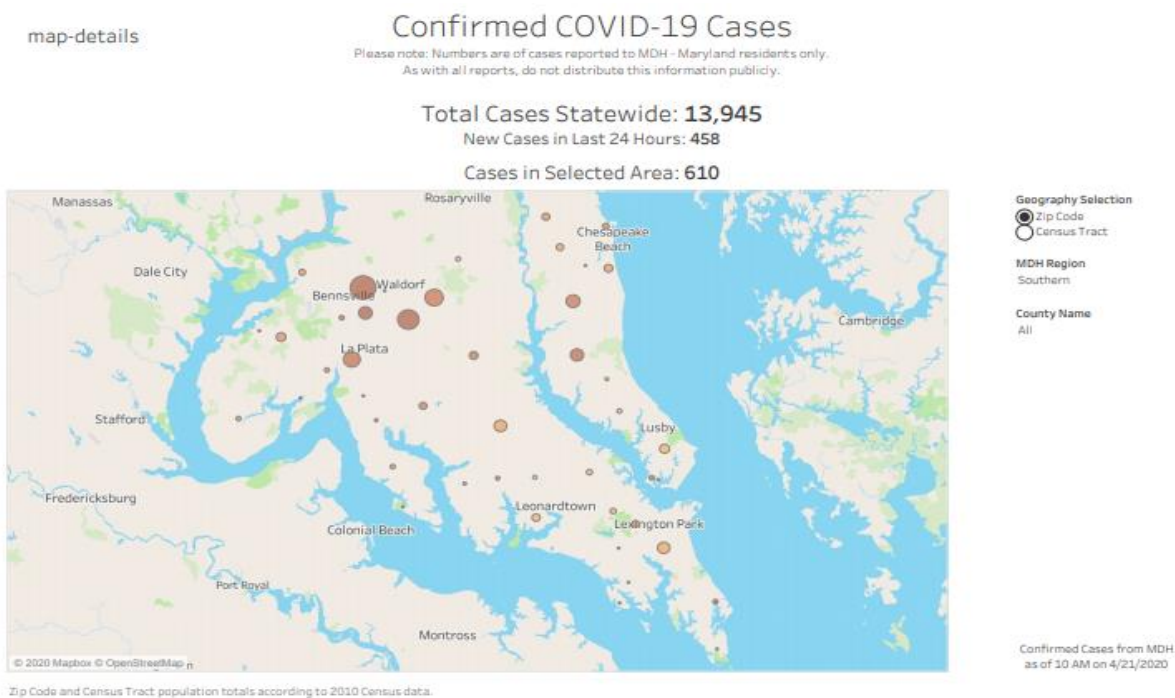
- 20601: 54
- 20602: 73
- 20603: 100
- 20607: 9
- 20611: 1
- 20613: 15
- 20616: 7
- 20622: 2
- 20632: 2
- 20637: 12
- 20640: 15
- 20646: 46
- 20658: 1
- 20662: 4
- 20664: 4
- 20675: 3
- 20677: 3
- 20693: 1
- 20695: 27

ADDITIONAL INFORMATION: *This includes the following:*

- **Heat map of COVID cases in Maryland by zip code** – *provided through the Chesapeake Regional Information System for our Patients (CRISP)*



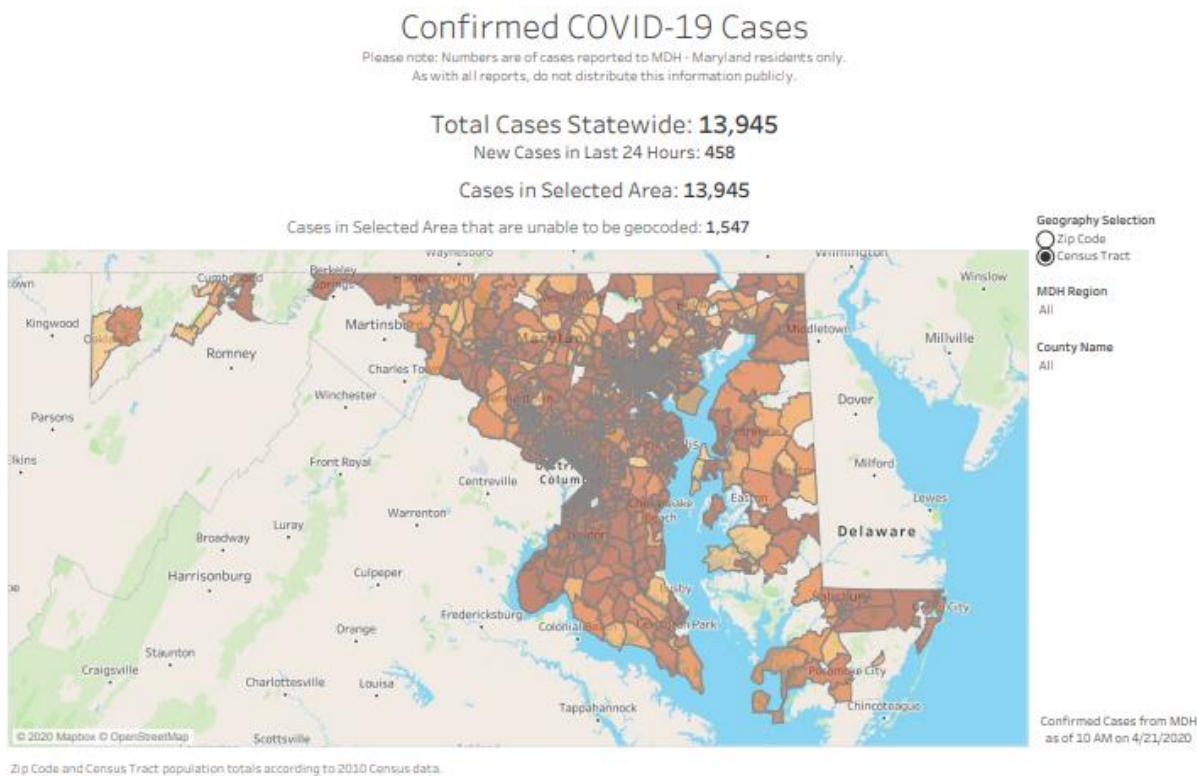
- **Heat Map of Southern Maryland**



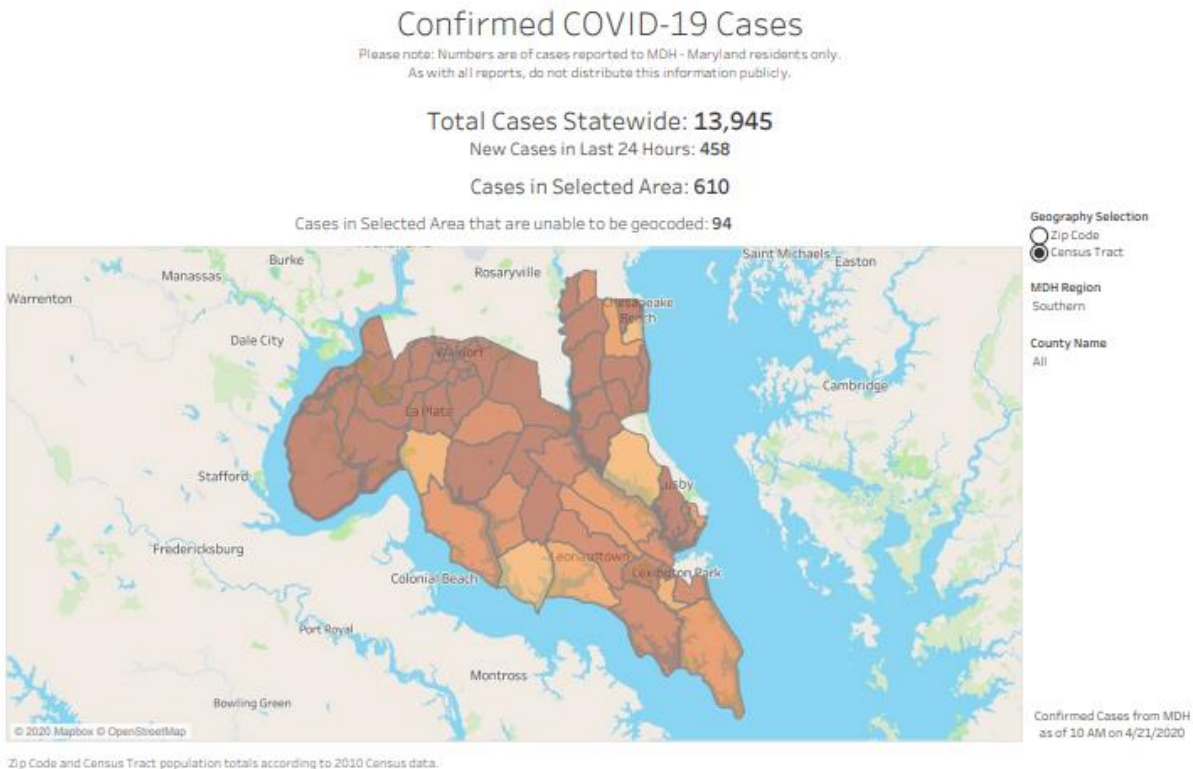
- Heat Map of Charles County



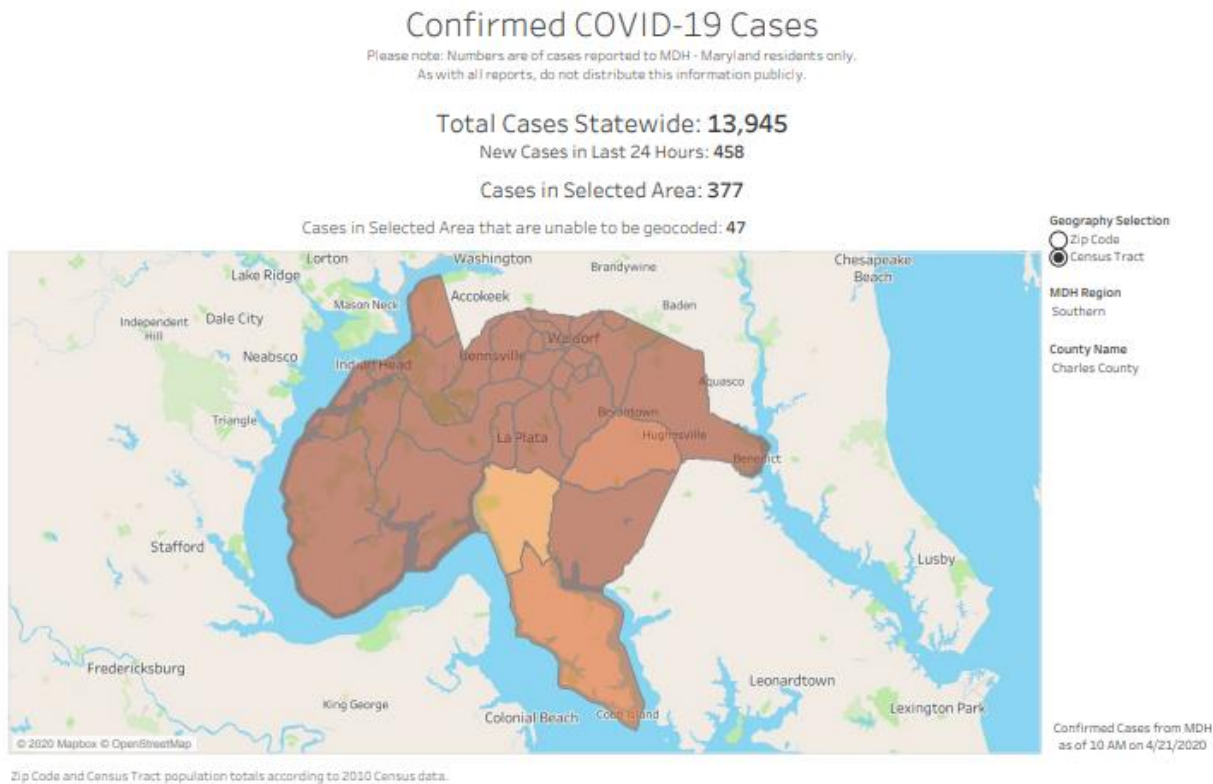
- Maryland Case Map



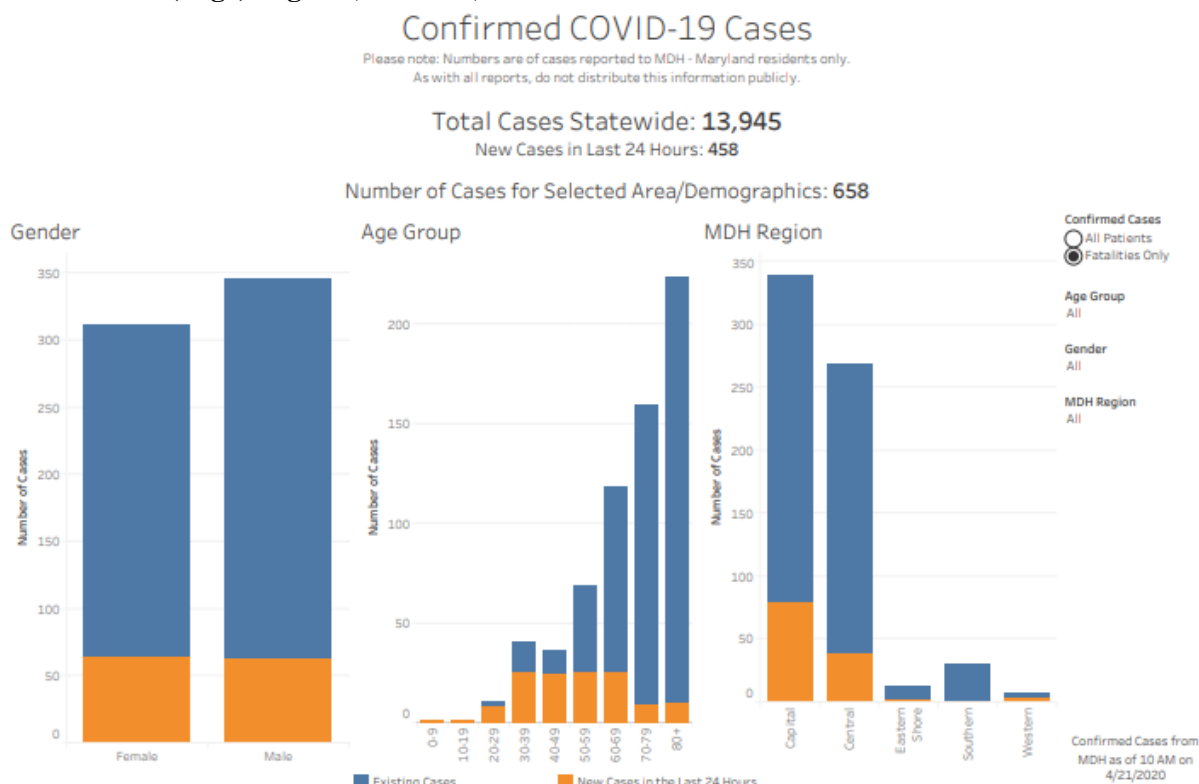
- **Southern Maryland Case Map**



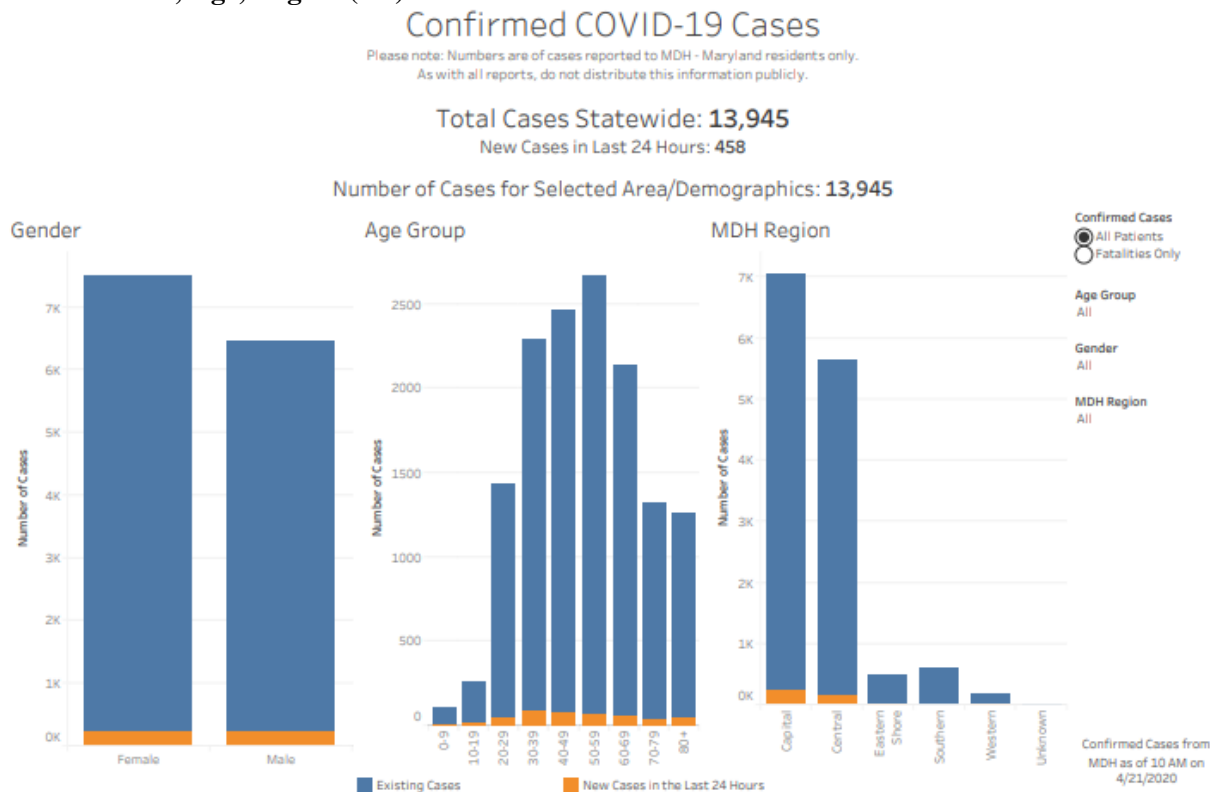
- **Charles County Case Map**



- Gender, Age, Region (Fatalities)**



- Gender, Age, Region (All)**



- **Southern Maryland Gender, Age, Region (Fatalities)**

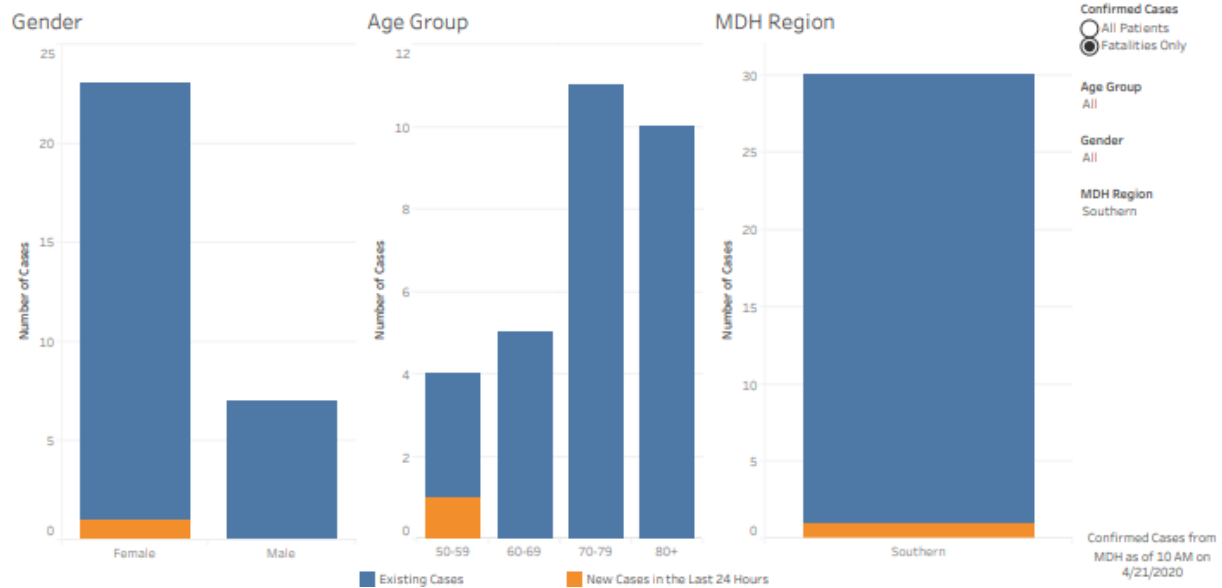
Confirmed COVID-19 Cases

Please note: Numbers are of cases reported to MDH - Maryland residents only.
As with all reports, do not distribute this information publicly.

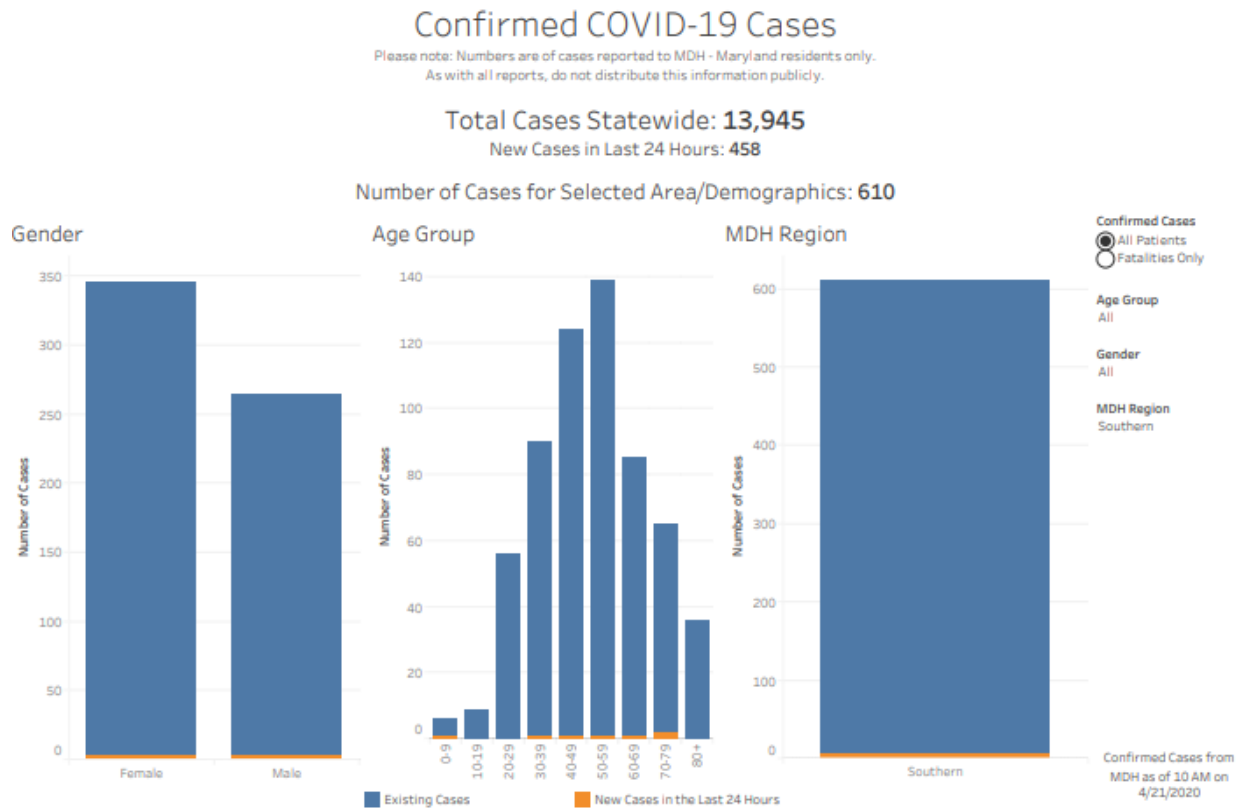
Total Cases Statewide: 13,945

New Cases in Last 24 Hours: 458

Number of Cases for Selected Area/Demographics: 30



Southern Maryland Gender, Age, Region (All)



- **Statewide Cases by Date**

Confirmed COVID-19 Cases

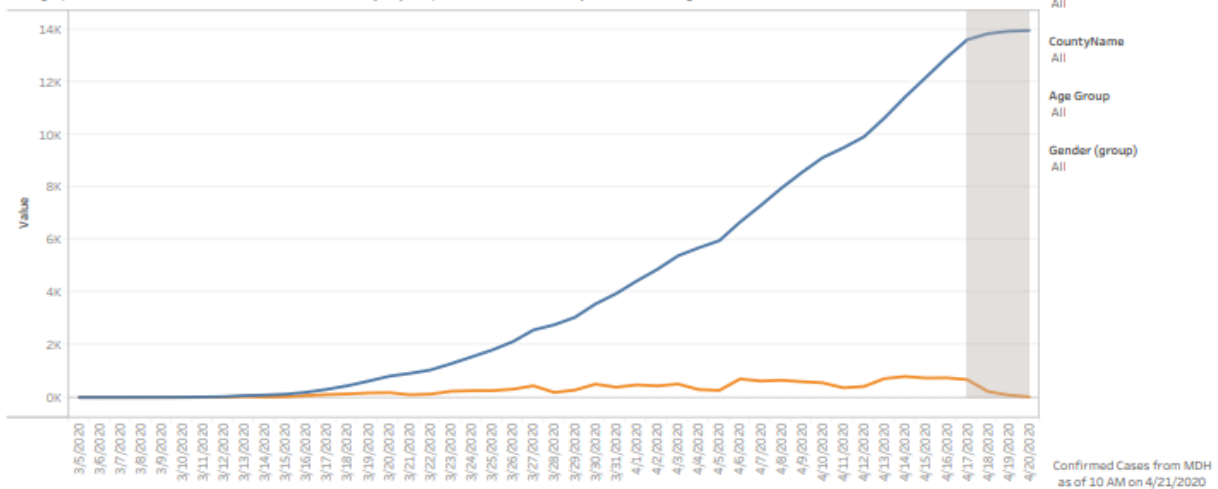
Please note: Numbers are of cases reported to MDH - Maryland residents only.
As with all reports, do not distribute this information publicly.

Total Cases Statewide: 13,945

New Cases in Last 24 Hours: 458

Number of Cases for Selected Area/Demographics: 13,945

This graph shows confirmed cases and cumulative cases by day of specimen collection. Daily totals will change as test results are released.



Date shown is the sample collection date, not the date when the test result was confirmed. Daily totals may change as pending tests are reported. Test Result Pending dates are greyed out in the chart

- Southern Maryland Cases by Date**

Confirmed COVID-19 Cases

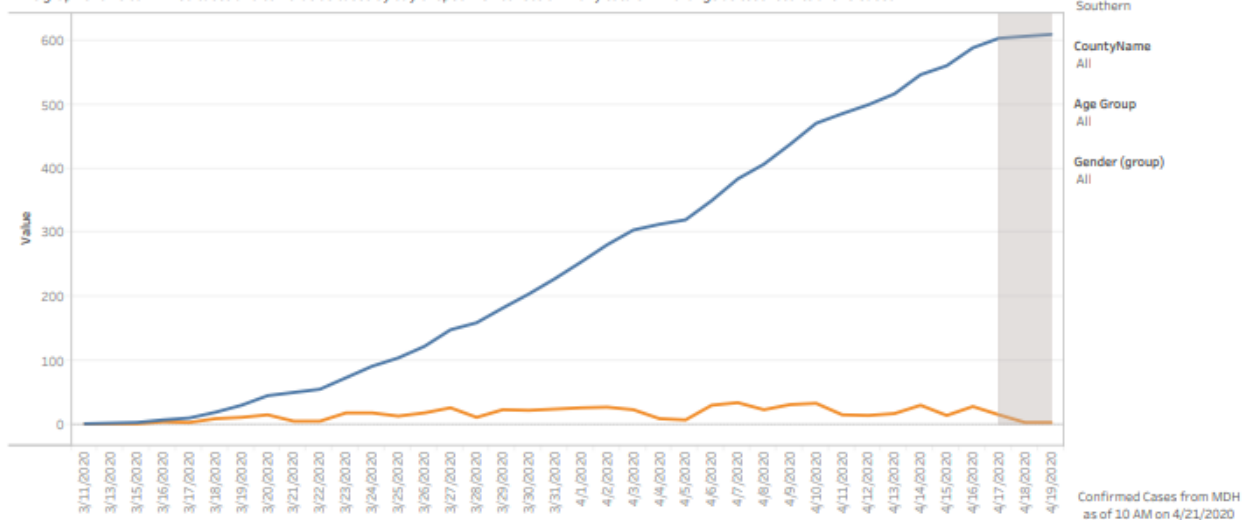
Please note: Numbers are of cases reported to MDH - Maryland residents only.
As with all reports, do not distribute this information publicly.

Total Cases Statewide: 13,945

New Cases in Last 24 Hours: 458

Number of Cases for Selected Area/Demographics: 610

This graph shows confirmed cases and cumulative cases by day of specimen collection. Daily totals will change as test results are released.



Date shown is the sample collection date, not the date when the test result was confirmed. Daily totals may change as pending tests are reported. Test Result Pending dates are greyed out in the chart

- Charles County Cases by Date

Confirmed COVID-19 Cases

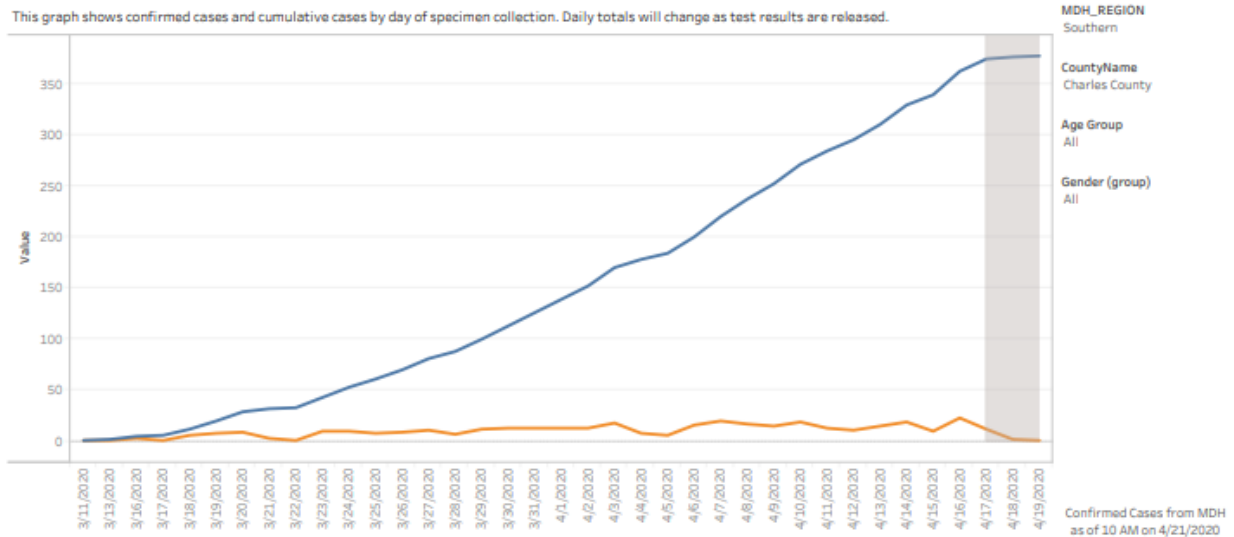
Please note: Numbers are of cases reported to MDH - Maryland residents only.
As with all reports, do not distribute this information publicly.

Total Cases Statewide: **13,945**

New Cases in Last 24 Hours: **458**

Number of Cases for Selected Area/Demographics: **377**

This graph shows confirmed cases and cumulative cases by day of specimen collection. Daily totals will change as test results are released.



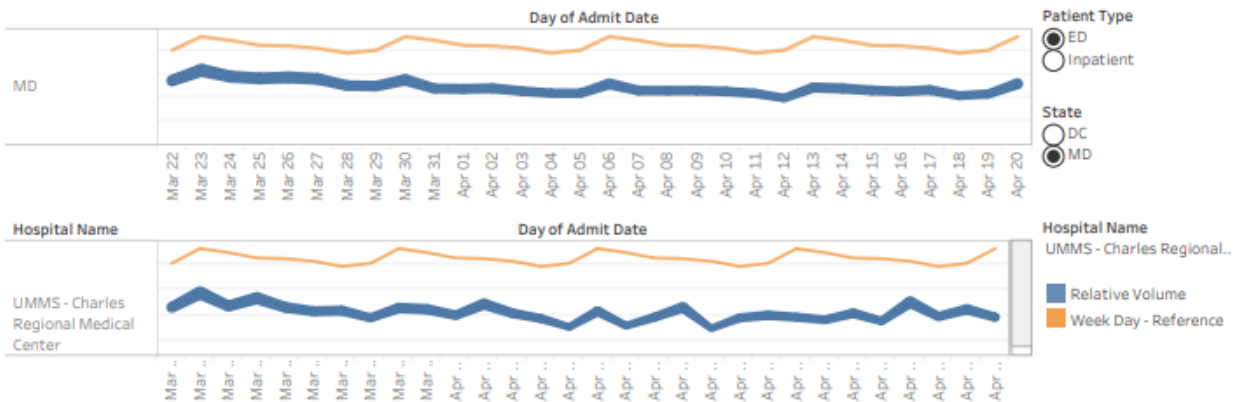
Date shown is the sample collection date, not the date when the test result was confirmed. Daily totals may change as pending tests are reported. Test Result Pending dates are grayed out in the chart

- Hospital Volume Trends ED

Hospital Volume Trend Lines

These volume data are derived from real-time Admission/Discharge/Transfer feeds sent to CRISP. The thickness of the line is a measure of volume. These volume counts are imprecise for reasons such as differences in how feeds are implemented among hospitals. However, the trendlines provide utility in understanding directional volume change over time.

The orange reference line shows the statewide average relative volume by the day of the week, using all ADT data from January 1, 2020 to February 29, 2020.

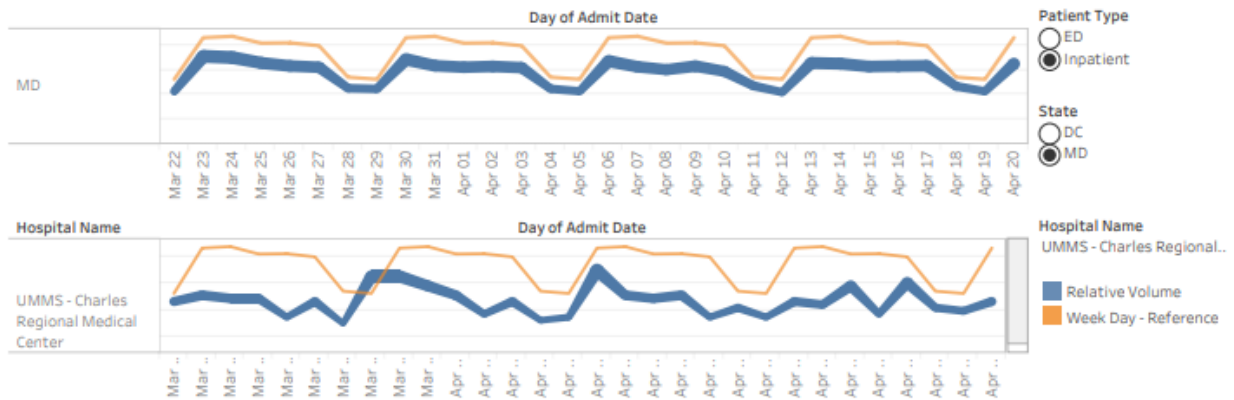


• Hospital Volume Trends Inpatient

Hospital Volume Trend Lines

These volume data are derived from real-time Admission/Discharge/Transfer feeds sent to CRISP. The thickness of the line is a measure of volume. These volume counts are imprecise for reasons such as differences in how feeds are implemented among hospitals. However, the trendlines provide utility in understanding directional volume change over time.

The orange reference line shows the statewide average relative volume by the day of the week, using all ADT data from January 1, 2020 to February 29, 2020.



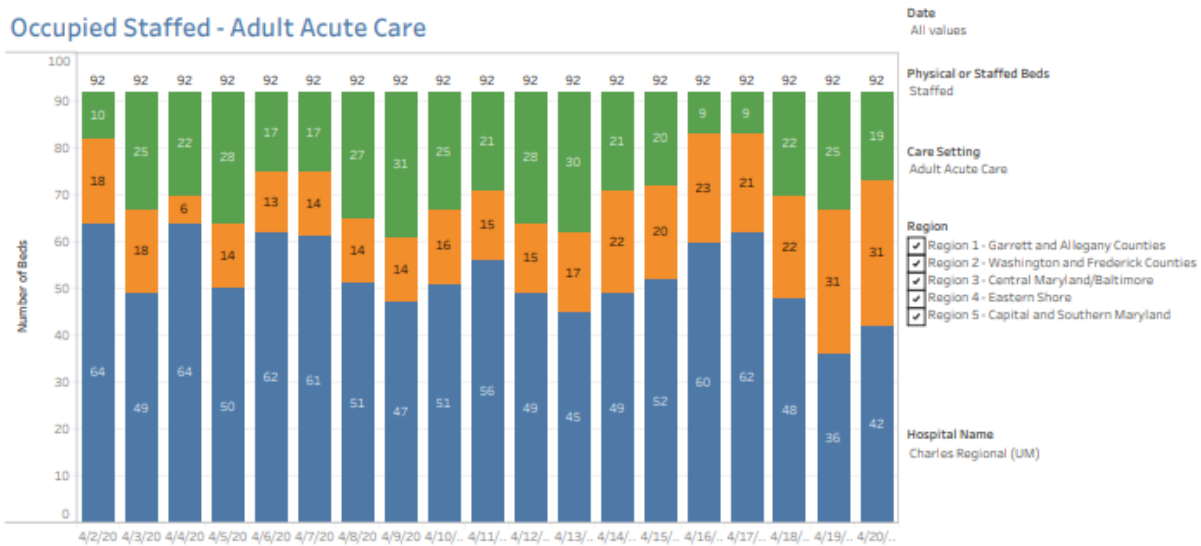
• Maryland Occupied Staff Acute Care

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

The data in this report is self-reported daily by hospitals to Maryland Institute for Emergency Medical Services Systems (MIEMSS). The data in this report reflect point in time counts. Please note data is presented as reported and is not edited or validated by CRISP.

Occupied Staffed - Adult Acute Care



Occupied Staffed by Hospital - Adult Acute Care



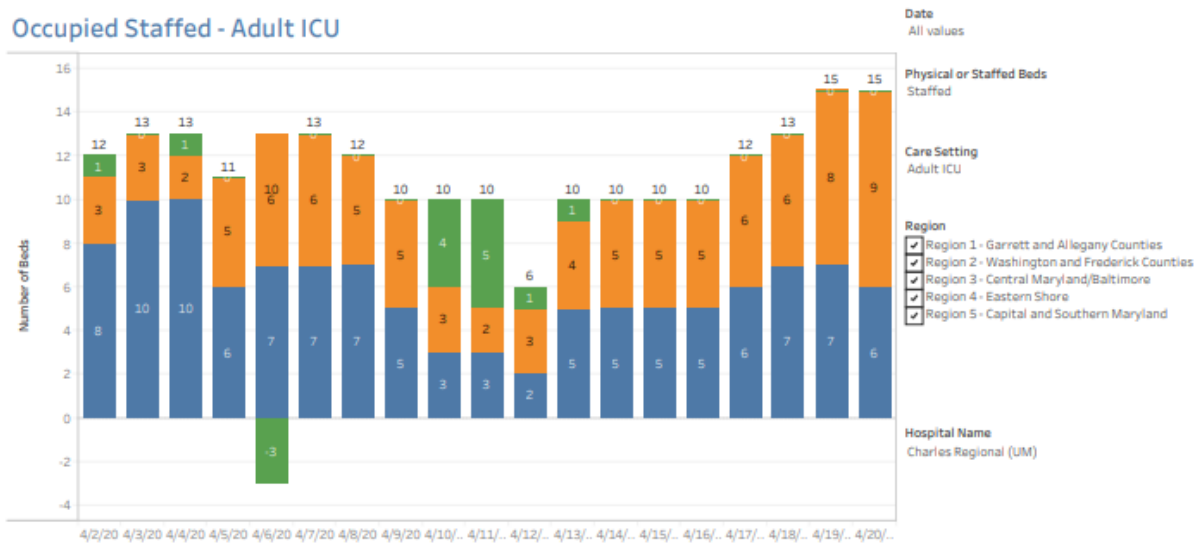
• Maryland Occupied Staff ICU

MIEMSS Facility Resources Emergency Database (FRED)

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Occupied Staffed - Adult ICU



Occupied Staffed by Hospital - Adult ICU



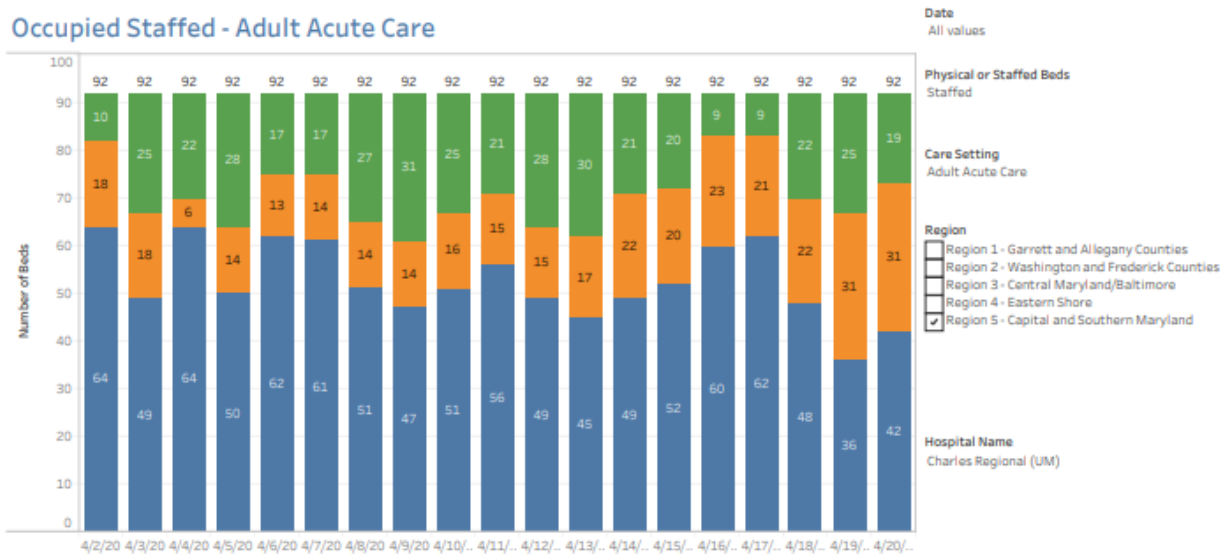
• Regional Occupied Staff Acute Care

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Occupied Staffed - Adult Acute Care



Occupied Staffed by Hospital - Adult Acute Care



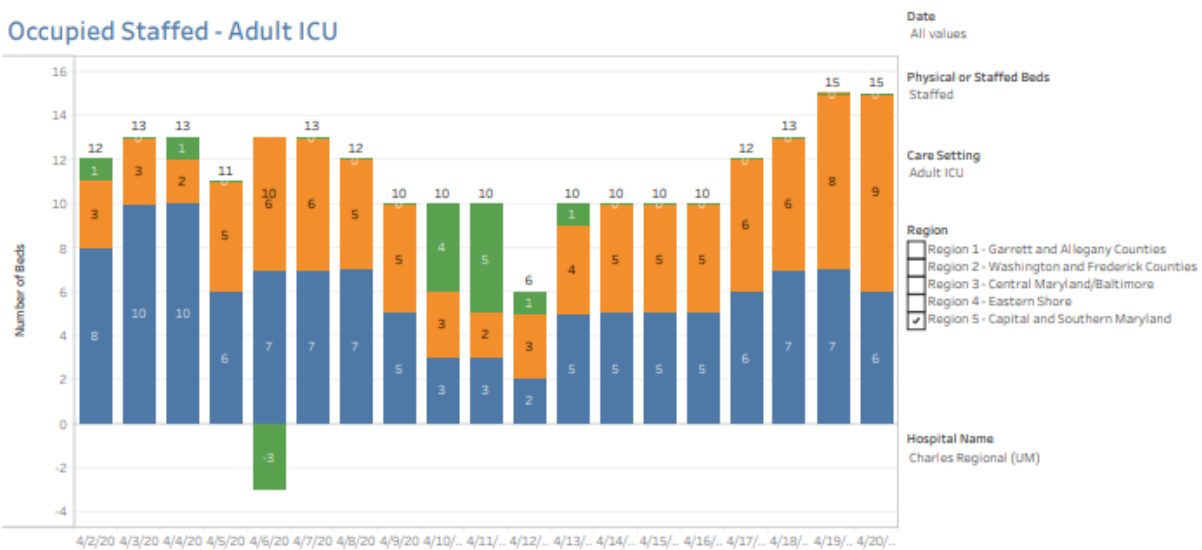
• Regional Occupied Staff ICU

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Data as of 4/20/2020

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Occupied Staffed - Adult ICU



Occupied Staffed by Hospital - Adult ICU

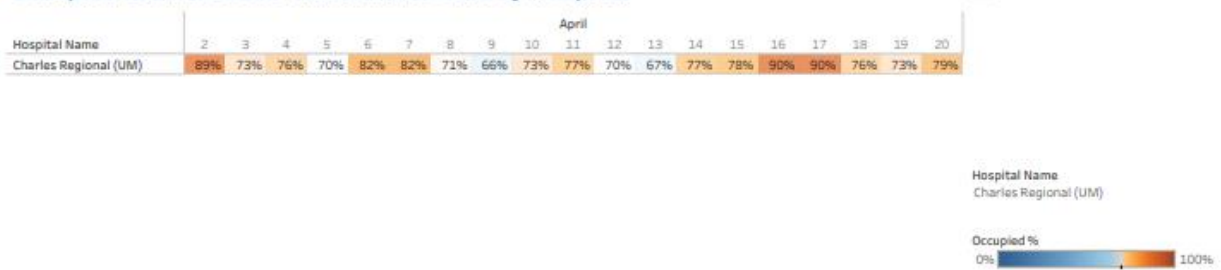


- **Maryland Occupied Staffed Beds Acute Care**

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

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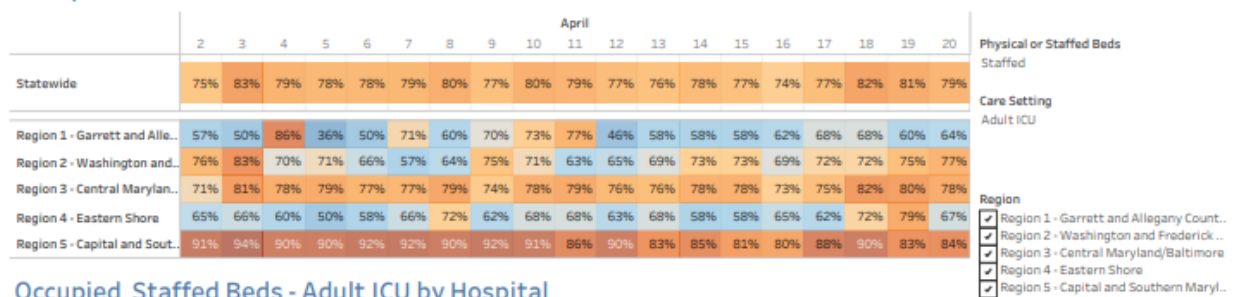
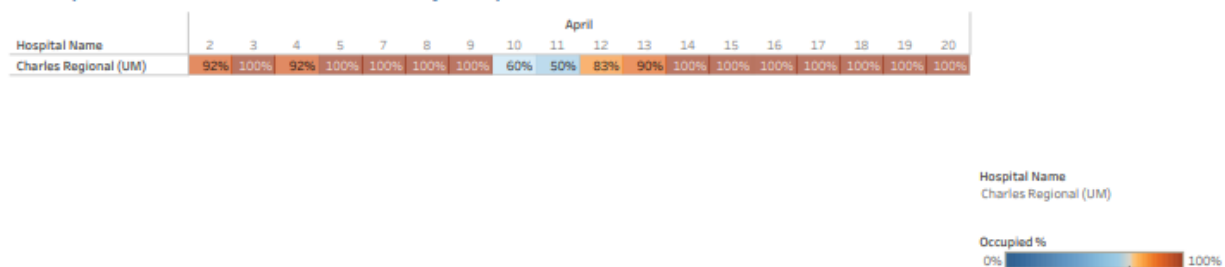
Occupied Staffed Beds - Adult Acute Care**Occupied Staffed Beds - Adult Acute Care by Hospital**

- **Maryland Occupied Staffed Beds ICU**

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

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Occupied Staffed Beds - Adult ICU**Occupied Staffed Beds - Adult ICU by Hospital**

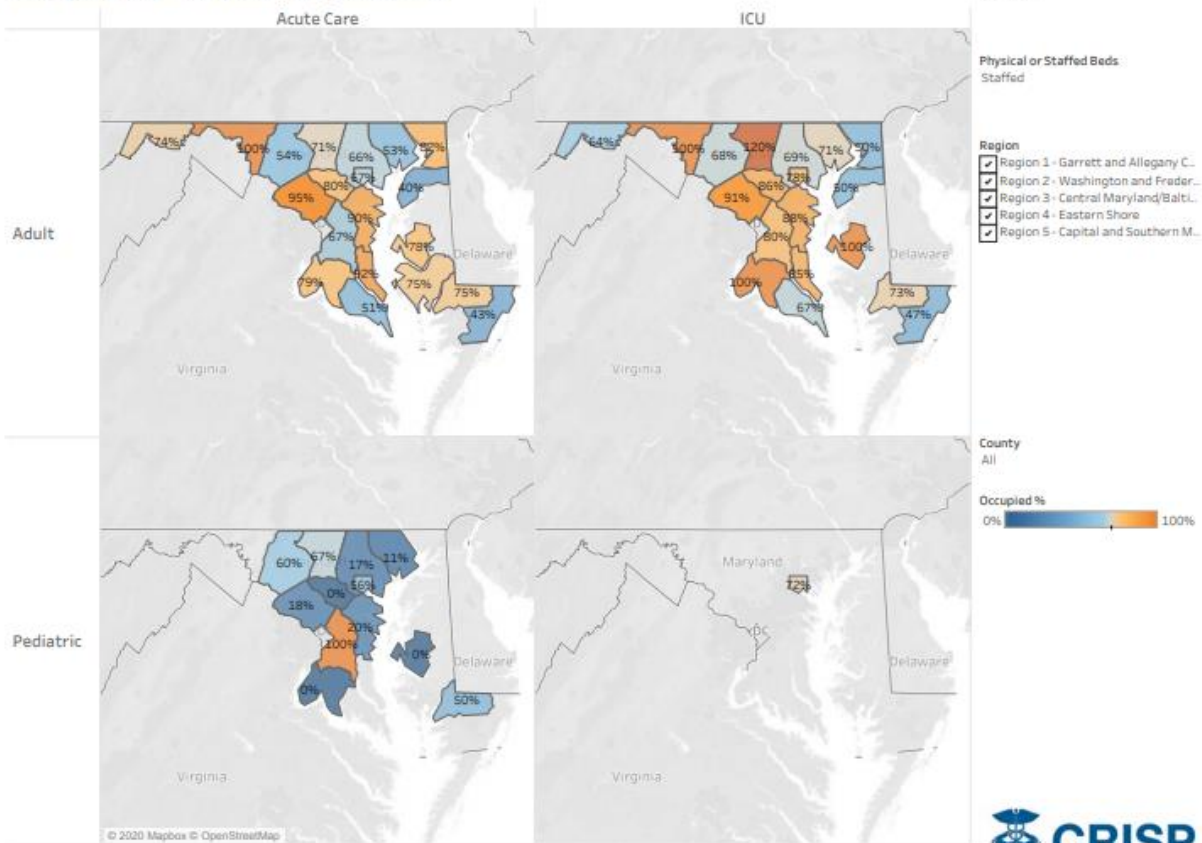
• Maryland Occupied Staffed Beds

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

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Occupied Staffed Beds - on 4/20/2020



Source: CRISP, 2020. CRISP MIEMSS FRED SmartSheet Download.



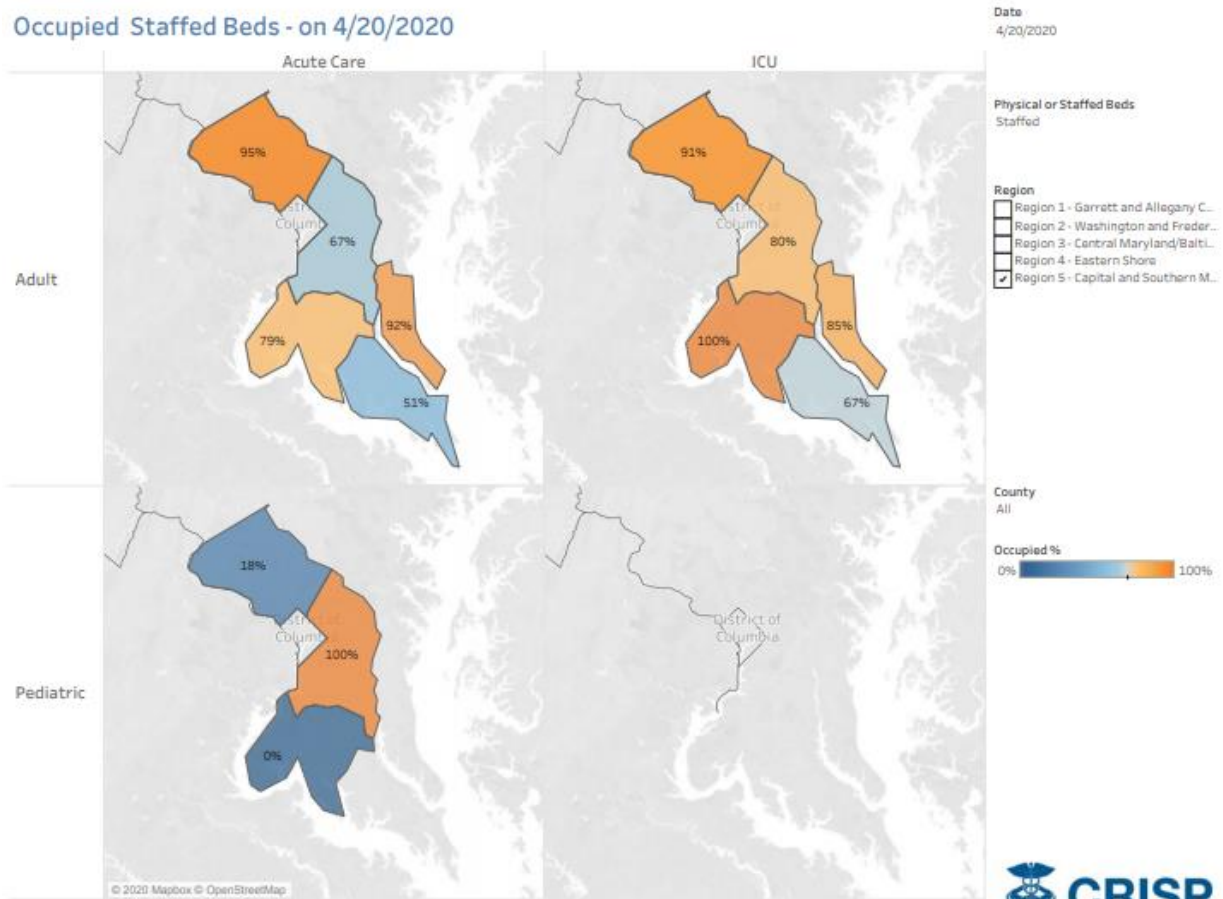
- **Maryland Occupied Staffed Beds Regional**

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

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Occupied Staffed Beds - on 4/20/2020



Source: CRISP, 2020. CRISP MIEMSS FRED SmartSheet Download.

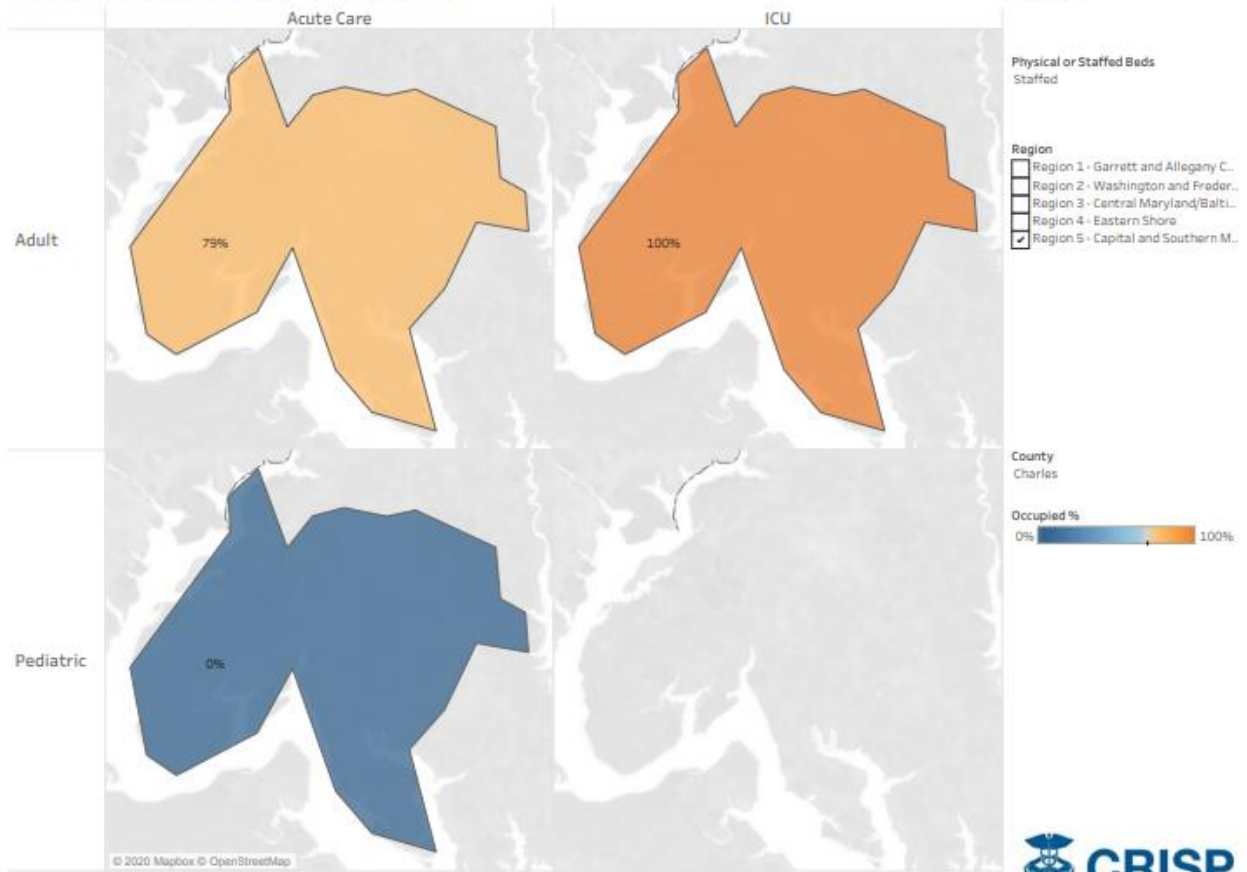
- **Maryland Occupied Staffed Beds Charles County**

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

The data in this report is self-reported daily by hospitals to Maryland Institute for Emergency Medical Services Systems (MIEMSS). The data in this report reflect point in time counts. Please note data is presented as reported and is not edited or validated by CRISP.

Occupied Staffed Beds - on 4/20/2020



Source: CRISP, 2020. CRISP MIEMSS FRED SmartSheet Download.



• Statewide Capacity Overview

MIEMSS Facility Resources Emergency Database (FRED)

Data as of 4/20/2020

The data in this report is self-reported daily by hospitals to Maryland Institute for Emergency Medical Services Systems (MIEMSS). The data in this report reflect point in time counts. Please note data is presented as reported and is not edited or validated by CRISP.

Statewide Capacity Overview

Available Acute Care and ICU Staffed
Beds (Adult):

1,901

(1901/7165) = 27%

Ventilators Available:

1,256

(1256/1926) = 65%

Patients in the Emergency Department:

649

(649/2168) = 30%

Change from day before:	+60 beds	Change from day before:	+30 vents	Change from day before:	+117 patients
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Hospitalized Confirmed COVID-19 Patients

Staffed Acute Care Beds Occupied by
COVID-19 Patients:

907

(907/5800) = 16%

Staffed ICU Beds Occupied
by COVID-19 Patients:

526

(526/1365) = 39%

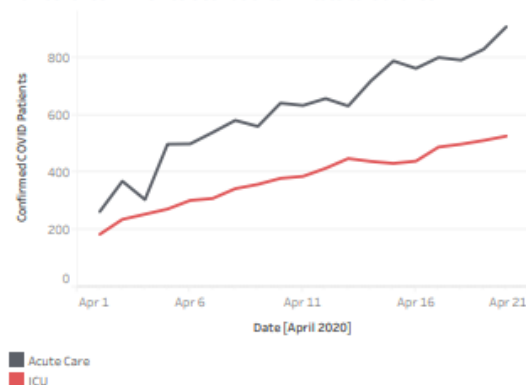
Change from day before:	+78 patients	Change from day before:	+15 patients
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Bed Summary

	Physical Beds	Staffed Beds	Occupied Beds	% Occupied Physical Bed	% Occupied Staffed Bed
Adult Acute Care	7,443	5,800	4,187	56%	72%
Adult ICU	1,667	1,365	1,077	65%	79%
Pediatric Acute Care	310	257	113	36%	44%
Pediatric ICU	106	106	76	72%	72%

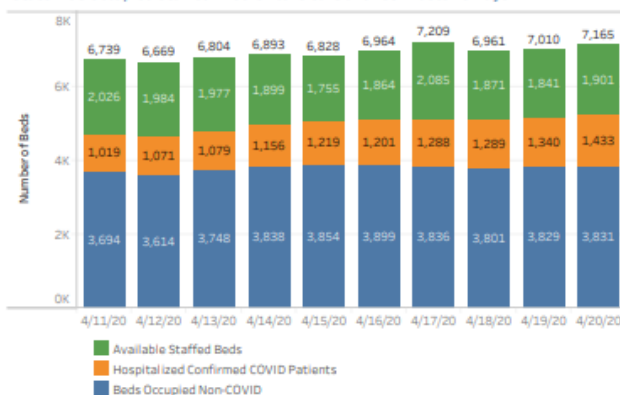
Hospitalized COVID-19 Patients

Number of COVID-19 Positive Patients in Acute Care and ICU



Source: CRISP, 2020. CRISP MIEMSS FRED SmartSheet Download.

Statewide Occupied Staffed - Adult Acute Care and ICU - Lasts 10 Days



MISCELLANEOUS

Nothing new to report

Respectfully submitted by Charles County PHEP



NCR WATCH DESK PREDICTIVE MODELING VIRTUAL PANEL

Wednesday, April 22, 2020
10:00 A.M. – 11:30 A.M.

[WebEx](#) | Password: models

Conference Line: 1-855-244-8681 | Access Code: 615 185 090

The National Capital Region (NCR) Watch Desk and the Metropolitan Washington Council of Governments (COG) are bringing together modeling subject matter experts to discuss the value of using models in the response to and recovery from the COVID-19 pandemic. The panel will discuss three different models and other data analytics currently being used to support decision-making.

Objective: Provide the NCR's federal, state, local, academic and private sector critical infrastructure partners with a better understanding of:

- (1) How the models predict future COVID-19 cases; and
- (2) How the models lend perspective to assessing resources for a health care surge.

AGENDA

- | | |
|-------------------|---|
| 10:00 A.M. | 1. WELCOME AND INTRODUCTIONS
<i>Alexandria Tepper, National Capital Region (NCR) Watch Desk</i> |
| 10:10 A.M. | 2. IEM AI MODEL
<i>Prasith "Sid" Baccam, Ph.D., Manager, Emerging Technologies, IEM</i> |
| 10:30 A.M. | 3. UVA MODEL
<i>Christopher L. Barrett, Ph.D., Executive Director, Biocomplexity Institute and Initiative, University of Virginia</i> |
| 10:50 A.M. | 4. GEORGETOWN UNIVERSITY MODEL
<i>Ellie Graeden, Ph.D., Chief Executive Officer, Talus Analytics, Georgetown University Center for Global Health Science and Security</i> |
| 11:10 A.M. | 5. QUESTION AND ANSWER SESSION
<i>Anthony Rosano, COG</i> |
| 11:30 A.M. | 6. ADJOURN |

HOSPITAL BRIEF 4-21-2020

- The trigger point for starting up the tent operations outside of the hospital has not yet been activated. Activation will be determined by both staffing levels and patient census presenting to the ED.
- Hospital Bed Capacity = 166. Census = 76
- Hospital ICU Census = 11
- Isolation Room Capacity = 12
- Isolation Rooms Occupied = 8
- Confirmed positive cases of COVID-19 patient admissions = 26
 - Of the total 26 COVID-19 positive patients. Seven (7) of the patients are located in the ICU, and 19 are located in the 3 South dedicated COVID-19 unit
- PUI admissions = 7
- Ventilated COVID-19 positive patients = 9
- Ventilators not in use = 11
- COVID-19 related deaths = 17
- CRMC has implemented a policy that requires ALL staff, visitors (which would be very limited), and contractors of any kind to wear a mask while in the hospital at all times.
- The 3 South patient unit at CRMC is dedicated to COVID-19 positive patients only.
- On Monday, 4/20/2020, patients transported by EMS that were PUI and tested as COVID-19 positive = 7.

Intelligence Briefing 4-21-2020
COVID Charles County

Updated Infection Numbers: As of 1038 hrs.

Total worldwide: 2,501,156 **+80,717 since the 4-20-20 brief.**

Worldwide increase of confirmed cases by 24-hour period over the last 10 days

4-10/11	4-11/12	4-12/13	4-13/14	4-14/15	4-15/16	4-16/17	4-17 to 19	4-19/20	4-20/21
95,648	85,648	69,285	134,855	65,338	80,985	99,539	164,125	74,806	80,717

Total fatalities worldwide: 171,810 **+5,605 since the 4-20-20 brief**

Analysis note: The wild swings in worldwide confirmed case numbers and fatality numbers continue to illustrate the lack of consistent reporting channels. These number should not solely be used to gauge the scope and magnitude of the current situation.

Total confirmed cases in the US: 788,920 **+29,134 since the 4-20-20 brief**

US increase of confirmed cases by 24-hours period over the last 10 days

4-10/11	4-11/12	4-12/13	4-13/14	4-14/15	4-15/16	4-16/17	4-17 to 19	4-19/20	4-20/21
35,284	28,520	28,326	54,634	27,062	38,764	31,493	63,794	24,499	29,134

Analysis note: The US case number increases have remained relatively unchanged for the last 10 days. However, this is likely not an indication of "flattening the curve." As the data is reviewed, keep in mind we are reporting an additional 28 to 33,000 NEW cases each day. We have yet to see any dramatic decreases in diagnoses new cases.

Total fatalities in US: 42,458 **+1,775 since 4-20-2020**

Maryland Numbers: As of 1000 hrs. via <https://coronavirus.maryland.gov/>

Total confirmed cases in State in of MD: 14,193 **+509 since the 4-20-20 brief**

Total tested in the State of MD: 59,442 **+1,729 over 4-20-20**

Percent of those test that test positive: **23.8%**

Analysis note: Maryland percentage of positive test is now on par with PA, MA, IL, MI, CA and LA.

Total Fatalities in State of MD: 584 **+68 change since the 4-20-20 brief**

Number of probable deaths: 68 (this is new statistic)

Total **Ever** Hospitalized: 3,158 **Increase of 144 from 4-20-2020**

Persons currently hospitalized. 1433 (new statistic)

First Responder Numbers in Charles County: As reported at 1230 4-20-2020

42 Quarantine: means exposed and they can't come to work. -10 since last report
8 Self Isolation: means sick or tested positive -4 since last reported

Weather:

Tuesday 66-37 rain/ Storms likely this after, Wed. 60-42 sun, Thursday 64-53 rain

Local:

Stores were busy this am. Some paper products were available. Wholes and gaps remain in previously stated products.

Analysis note: Beef, poultry, and pork plants continue to close at an alarming rate. This will put pressure on the meat market and likely cause a run on store inventories as the press continues to cover these closures.

Nursing home and assistant living patients and staff make-up over 33% of the total number of positive cases reported in Charles County.

Maryland Update:

Gov. announces the procurement of 500,000 test kits for the state

A largely civil protest occurred at the MD state house on Sat.

The once closed Laurel Medical Center will open this week. They will have 3 floors for COVID patients

Region:

Over 14,659 cases in the NCR as of 0500 4-21-2020,

26,921 cases in Maryland, DC, and Virginia as of 1100 on 4-21-2020.

Death total in the DMV passes 1000

DC believes they are flattening the curve

FBI bulletin: Endorsement of terrorist threat to hospitals (see attached)

COG NCR briefing Wed. 10-1130 (see attached)

National:

The push to reopen the economy is adding to the national polarization and causing more people to lash out. Social media issues are increasing.

The cascading effects of the scope and length of this situation are reaching further than anyone imagined only weeks ago. Oil futures were negative yesterday.

5-year-old daughter of 2 Detroit first responders has passed away from complication of COVID-19. Official cause of is meningitis and swelling of the brain. Test positive for COVID last month.

US Army boot camps have re-opened after 2 weeks

IRS warns of on-going fraud situation (see attached)

Protests grown across the nation

Local critical infrastructure:

No outages or disruptions are reported or are appear to be likely as of today.

Predications/ Analysis:

- The length and scope of this situation have exposed large cracks in food supply chains, medical supply chains, fossil fuel industries, and other major portions of everyday life. Local leaders should begin a gap analysis and start the after-action process so they can create and modernize resiliency plans, local stockpiles, and coming up with other forward leaning solutions so when the next disaster occurs they are more self-sufficient and better prepared.
- While we have concentrated our efforts on peer support and helping our responders, a proactive approach to including families of first responders is quickly emerging. The command structure should consider a Family Support liaison or expand the Peer support branch.
- The increased discussions about opening the economy, added with the on-going conversation about health care in-equity and racial disproportionality of infections is causing increased polarization, angry, and hate. Social media is rampant with spirited discussions. It is only a matter of time before we begin to see emotions spill over into the public. The small protest we have witnessed thus far could pale in comparison to what is to come. LE should be reviewing plans, manpower, and boosting intelligence gathering to better prepare for potential situations.
- Protests over the continuing of stay at home orders, and business closures are becoming more prevalent and boisterous. Law enforcement should begin to make plans on how to track these groups and respond to events.
- First responder staffing and exposure issues will likely continue to increase. Priority messaging about PPE, manpower reduction strategies, and outside the box thinking should be continued and solutions expedited.
- FOIA and PIA requests for detailed records on infections in assisted living and nursing homes will increase as investigative reporting on this issue increases.
- Grocery stores could become a hotbed of fear and anxiety due to limiting numbers of patrons, assigning shopping days, mask requirements, and now limited meat supplies.
- As critical case in Charles County remain low (outside of nursing homes and assisted living homes), needs in other local jurisdictions are growing. Resources should be prioritized and plans should be made to share/deploy critical resources, personnel, and/or facility space to meet the needs regionally.
- The longer this crisis continues the more likely we are to experience critical events that may not be related to the COVID crisis (incidents within the incident). Those in leadership positions need to be prepared to step into dual leadership/managerial roles at a moment's notice. This requires taking care of yourself and staying up on the latest tactics, strategies and knowledge.
- Planning for crisis recovery starts as soon as the crisis begins. Monday marks the 8th weeks of this crisis, 6th week of schools being closed. Partners and stakeholders should

begin planning for what the return to the “new normal” looks like in their organization. Sharing of these plans will help each organization build more comprehensive processes.

- Over the weekend the US will likely eclipse 500,000 cases and 15,000 deaths. Md numbers will likely pass 5000 and 150 fatalities by Friday. These numbers will cause increased pressure to ratchet up rhetoric re: “stay at home orders” and could result in further sanctions and restrictions.
- As the confirmed case numbers continue to rapidly ascend the likelihood of jurisdictions issuing “travel bans” increases. Law enforcement should begin researching the constitutionality of these potential edicts and have plans in place for implantation and begin to develop a public communication strategy. Standardizing local “travel authorization documentation” should be explored by the lead jurisdiction having authority.
- Due to diverted attention, the international and domestic terrorism threat is rapidly increasing. Responders should be reminded to remain vigilant and of the DHS guidelines for spotting suspicion activities and terrorism indicators.
- As we enter into the reported peak of this situation communication, along with sharing of individual branch capability and capacity is more important now than ever. “We don’t know what we are going to need to know until we need to know it.”
- First responder organizations should begin surveying members for pre-existing conditions and other complicating medical conditions. Responders found to have pre-existing conditions should be placed in limited citizen contact roles.
- A review of the 179 countries that report COVID-19 cases, only two (South Korea and China) have somewhat “flattened the curve” of NEW infections. Both showed flattening roughly 30 to 45 days after the initial spikes. The initial spike in the US began around 3-18-2020.
- Reduced stability in the supply chain along with increased fear and anxiety can be expected with today’s “stay at home order.”
- After 3 weeks of social distancing and schools being closed non-english speaking communities within Charles County are likely feeling further isolated due to a lack of language specific communications. Direct and increased messaging to Spanish speakers is likely necessary.
- As mass transit continues to shrink in availability, plans should be made to ensure those who rely on it for essential supplies and trips have delivery resources.
- LE and EMS screening protocols should include questions about recent travel to NY, NJ, CT, and FL.
- Immediate attention is needed to direct companies and organization on the proper processes and appropriate contact to use (Donation Manager at the EOC) to donate PPE and cleaning materials to essential personnel
- The next 7 days will likely see a stabilization of a majority of the grocery supply chain. However, the potential for disruption moving forward continues to remain high.
- FOIA and PIA request from media and citizens groups will likely begin to increase the longer this event lasts. “New normal” processes need to be established as soon as possible.

- Lack of child care options will likely add to family stress. Additional resources, activity and options are needed.
- JIC staff should substantially amplify community resource communications
- As we enter the 2nd week of social distancing stress, anxiety, and fear will likely increase. Continuous reminders of patience and focusing on kindness will become increasingly important.
- Many stores restock overnight. Seniors and the vulnerable populations should be strongly encouraged to shop during the early morning hours when supplies are likely to be at their highest.
- As testing increased the confirmed cases in MD will increase. This will likely cause additional life restrictions.
- Supply chain issues will continue and likely increase as further life interruptions and travel restrictions are ordered. The possibility of violence increases as stress increases, especially at grocery stores.
- Commanders of responders and essential staff should have robust plans for potential quarantines and updated continuity of operations including plans for diminished manpower. Further, responder organizations should begin reviewing existing integration plans with the National Guard.
- Obtaining medical supplies and PPE will continue to be an issue for the foreseeable future. All services should use the command ordering process so orders can be tracked.
- The community of Charles County is showing increased signs of pulling together and assisting one another. The JIC should continue to encourage civility and increase positive press of good news stories occurring throughout our community.

“The most effective leaders in crises ensure that someone else is managing the present well, while focusing their attention on leading beyond the crisis toward a more promising future”

Respectfully submitted by Jason Stoddard



Charles County Volunteer Firemen's Association, Inc.

Post Office Box #21, La Plata, Maryland 20646

April 21th, 2020

Re: Volunteer Fire/EMS Brief

Items Being Worked On:

- Reduction of Force Policy – *Information gathering occurring.*
- Station Health Screening Policy – *Completed*
- PPE Burn Rate / Inventory - *Completed*

Stations/Apparatus:

- No Contaminations issues at any Stations.
- No Apparatus with any contamination issues.
- No Service Deliverability Issues with Apparatus O.O.S.

Personnel - 26 Members across 3 Stations (6 Positive / 5 Negative):

- Fire Station 3 – 1 Member in 14 Day Isolation – Tested Positive 4/16/2020
- Fire / EMS Station 11 - 2 Members -2 Due to Family Members being Quarantined
 - o - 3 Members Due to potential exposure from another patient.
- Fire / EM Station 12 – 20 members due to a Positive Member in the Station (Currently 5 Positive/5 Negative)

Incidents/Call Volume:

- No Major Incidents to Report related to COVID-19
- Increase of Responses to SagePoint and Charleston over the past 8 days.
- Yesterday's EMS Call Volume was average, and Fire Call Volume was average
52 Ems Related Incidents ----- 19 Fire Related Incidents

Other Information:

- New Special Orders pushed out to all departments.
- Pushed out information about Social Distancing in the Stations.
- New PPE Burn Rate Tracking tool created and set to start using tomorrow
- Continue to push out Peer Support Information.

Respectfully Submitted,

Mark A. Kaufmann, Jr
County Fire Chief, Charles County Maryland



Charles County Volunteer Firemen's Association, Inc.

Post Office Box #21, La Plata, Maryland 20646

Physical Address: 109 La Grange Avenue, La Plata, Maryland 20646
Administrative Services Office: 301-934-3581

Charles County Public Schools Briefing 4-21-2020
COVID Charles County

48-hour Priorities:

- Maintaining instructional continuity
- Expanding and maintaining food service
- Expanding and maintaining WiFi service

Meals:

CCPS served 6,552 meals at the 11 meal distribution sites on Monday, 4/20/20. Westlake HS, St. Charles HS and JC Parks and JP Ryon Elementary are still are the highest distribution sites.

Closure:

Charles County Public Schools (CCPS) now remains closed through May 15. All schools, buildings and centers will remain closed to the public.

Instruction:

Instructional packets still to be distributed this week at our meal sites.

Friday, 4/24/20, is the last day for parents and students to request a laptop for their child.

Community Wifi:

All four sites are up and running and seeing use. CCPS in process of 3 other additional WiFi sites.

Misc:

CCPS is still offering services and would love to receive notifications of traumatic events involving our students.

Friday CCPS will donate over 100 face shield created by our CTE techers at St. Charles High School.

Schools are finding ways to recognize their Class of 2020 Seniors in various ways.

Respectfully submitted by Jason Stoddard and Michael Meiser