



# **Maryland Situation Update on Coronavirus Disease 2019 (COVID-19)**

**Maryland Department of Health  
Infectious Disease Epidemiology and Outbreak Response Bureau**

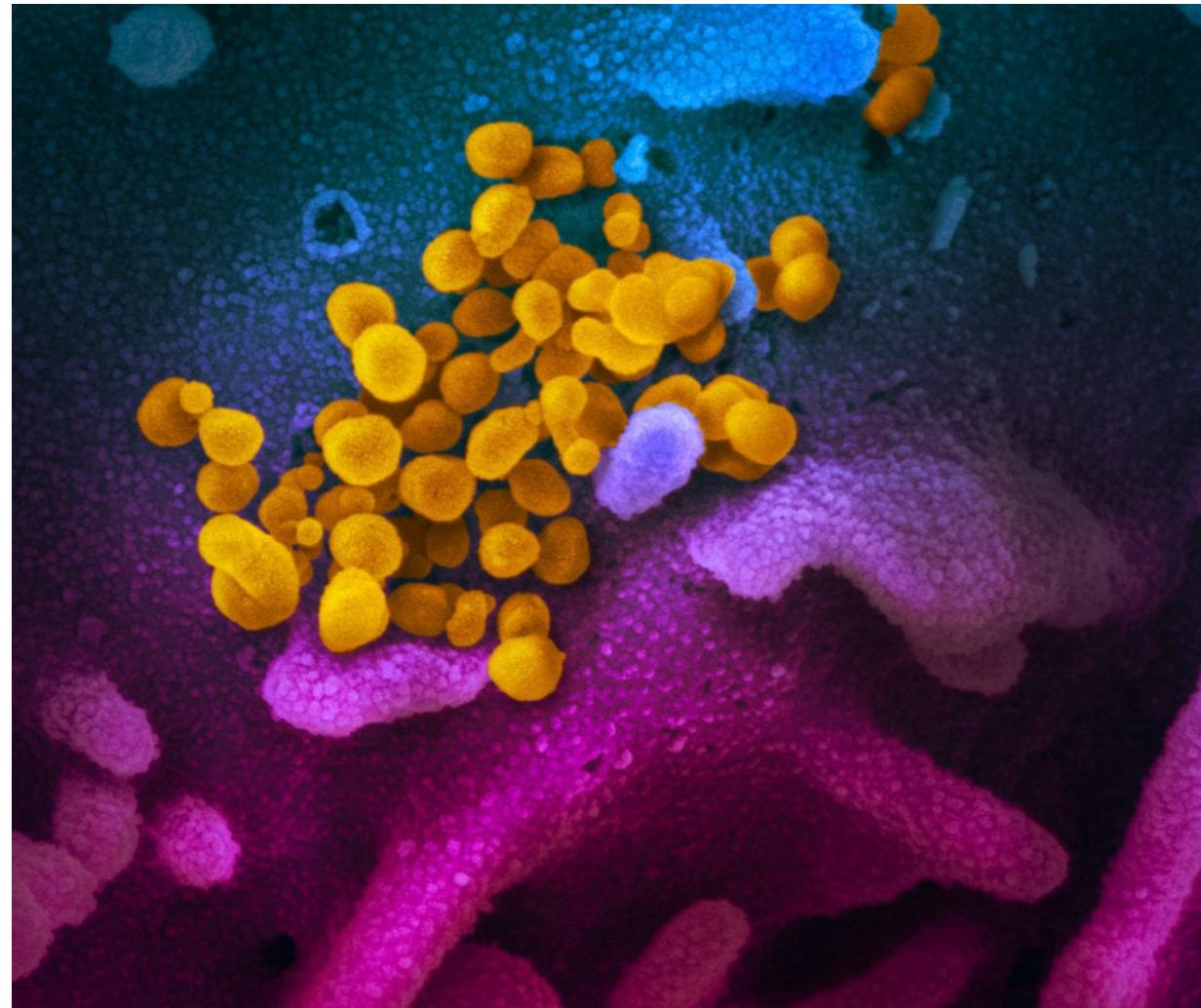
**August 6<sup>th</sup>, 2020**

# Call Agenda

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- Review current situation of COVID-19
- Influenza Vaccine and COVID-19
- Industry-based Nursing Home Strike Teams
- CDC Guidance Review on healthcare exposures
- CDC State Indicator Reports
- Q&A

Picture Courtesy of NIAID-RML

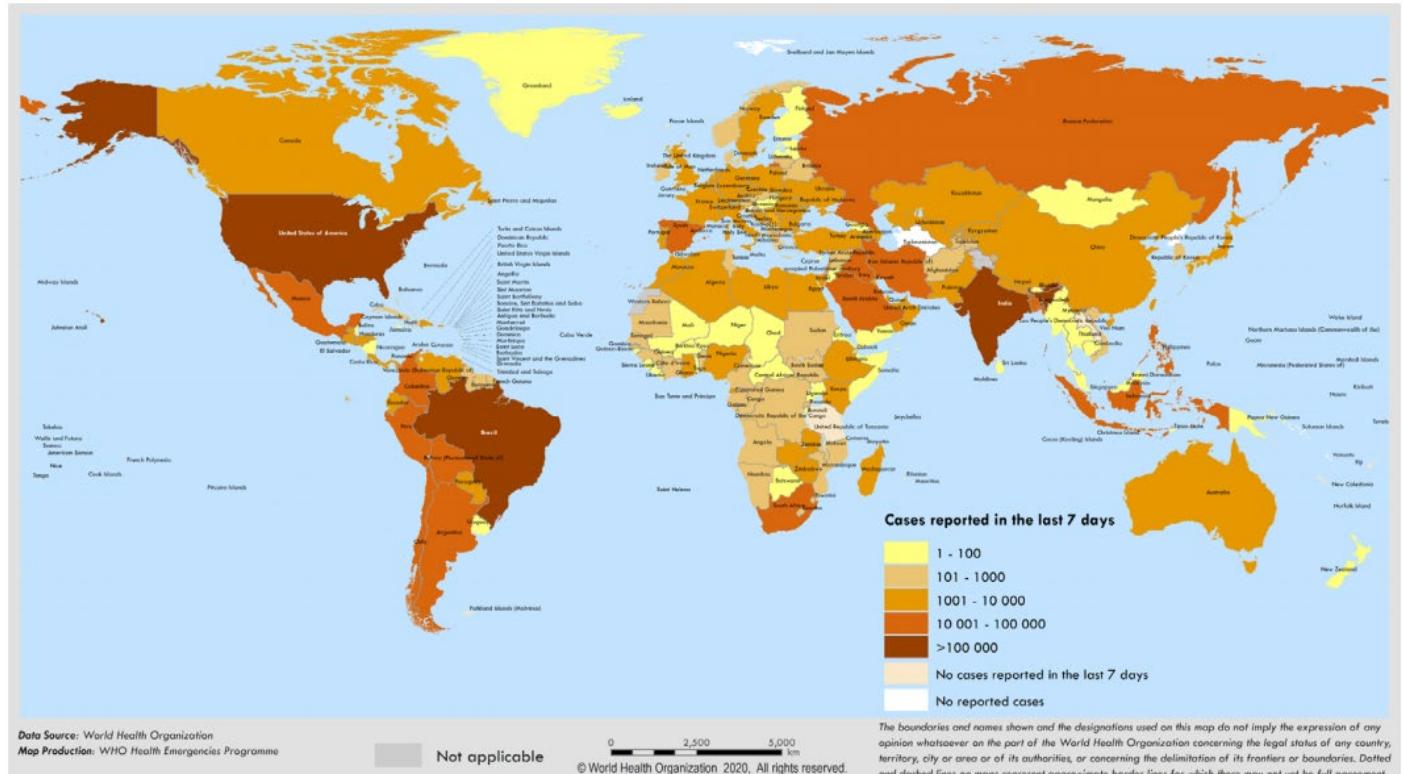


# Worldwide: COVID-19

- Cases
  - Total Cases: 18 354 342
  - Past 24 hrs: 206 709
- Deaths
  - Total Deaths: 696 147
  - Past 24 hrs: 5 116

*Data current as of August 5, 2020*

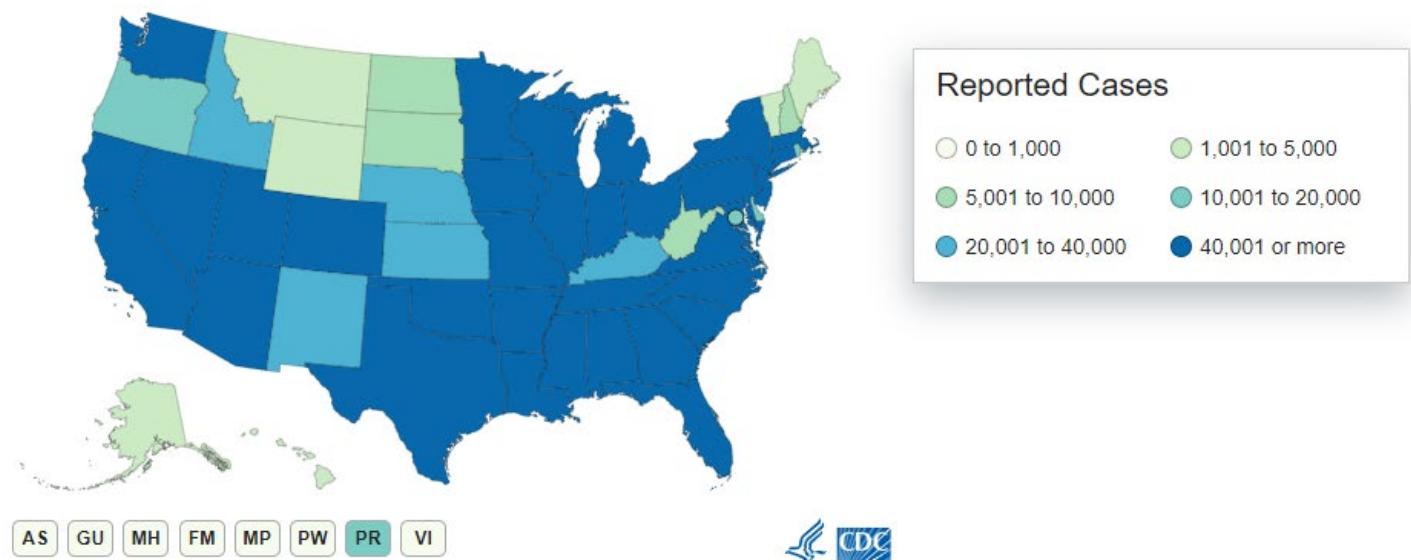
Figure 1. Number of confirmed\* COVID-19 cases reported in the last seven days by country, territory or area, 29 July to 4 August \*\*



Source: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports> accessed August 6, 2020

# U.S.: COVID-19 Confirmed Cases

- Total Cases: 4,748,806
- 49,988 NEW
- Deaths: 156,311
- 1,107 NEW

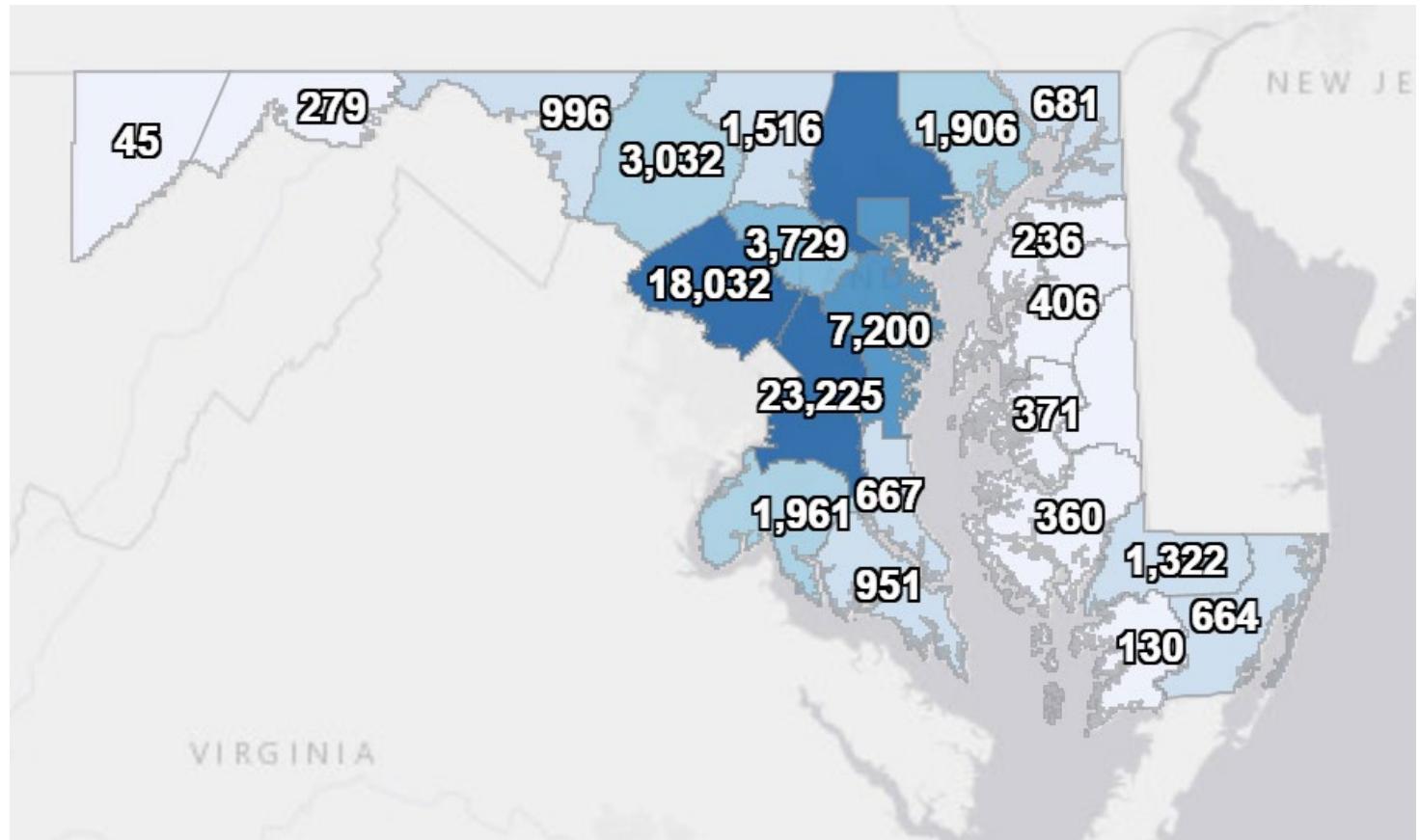


*Data current as of August 6, 2020*

Source: CDC, <https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html>, accessed August 6 2020

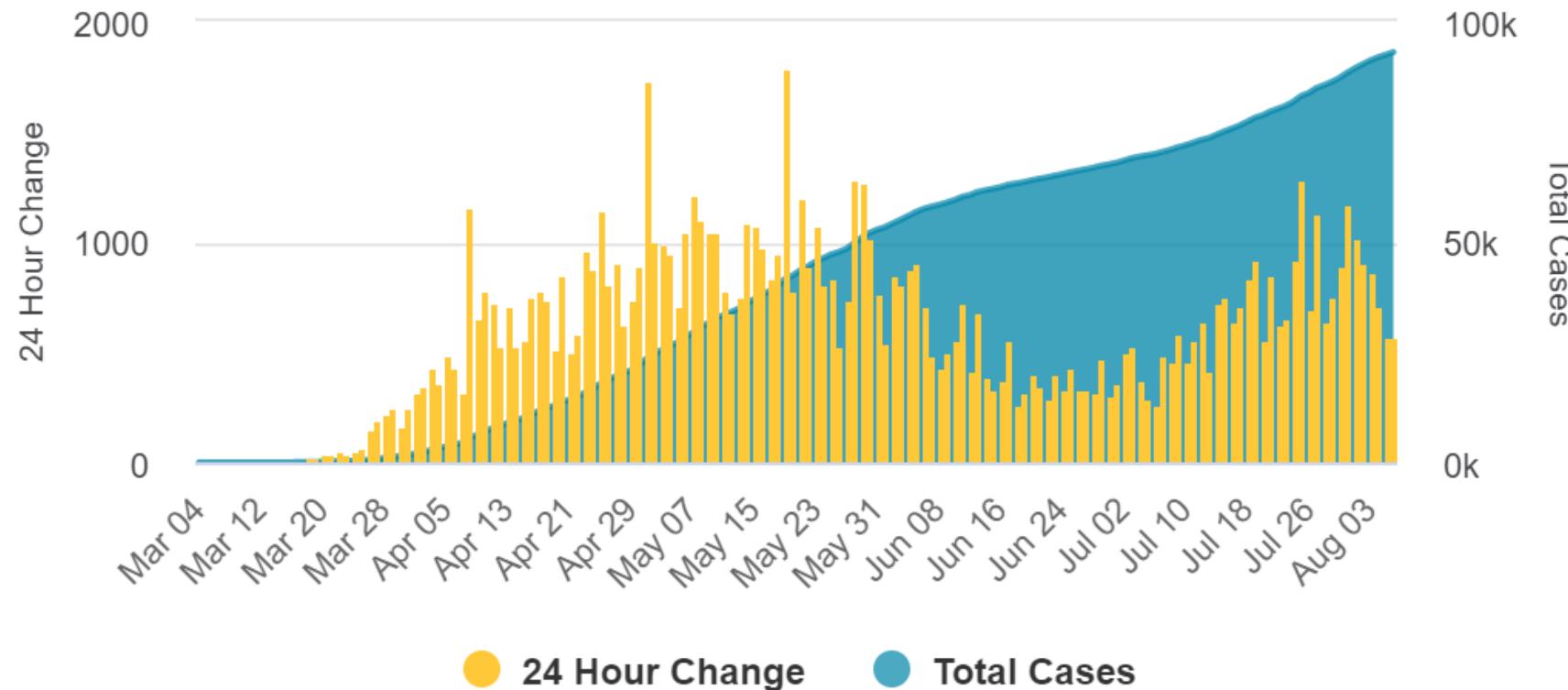
# Maryland: COVID-19

- Confirmed cases: **93,005**  
(+579 new)
- Deaths: **3,415** confirmed  
( +13 new)
- Hospitalized
  - 12,978 total
  - **535** current
  - 24hr Change: -20



# Maryland: COVID-19 Confirmed Cases and 24 Change

Confirmed Cases, Total over Time

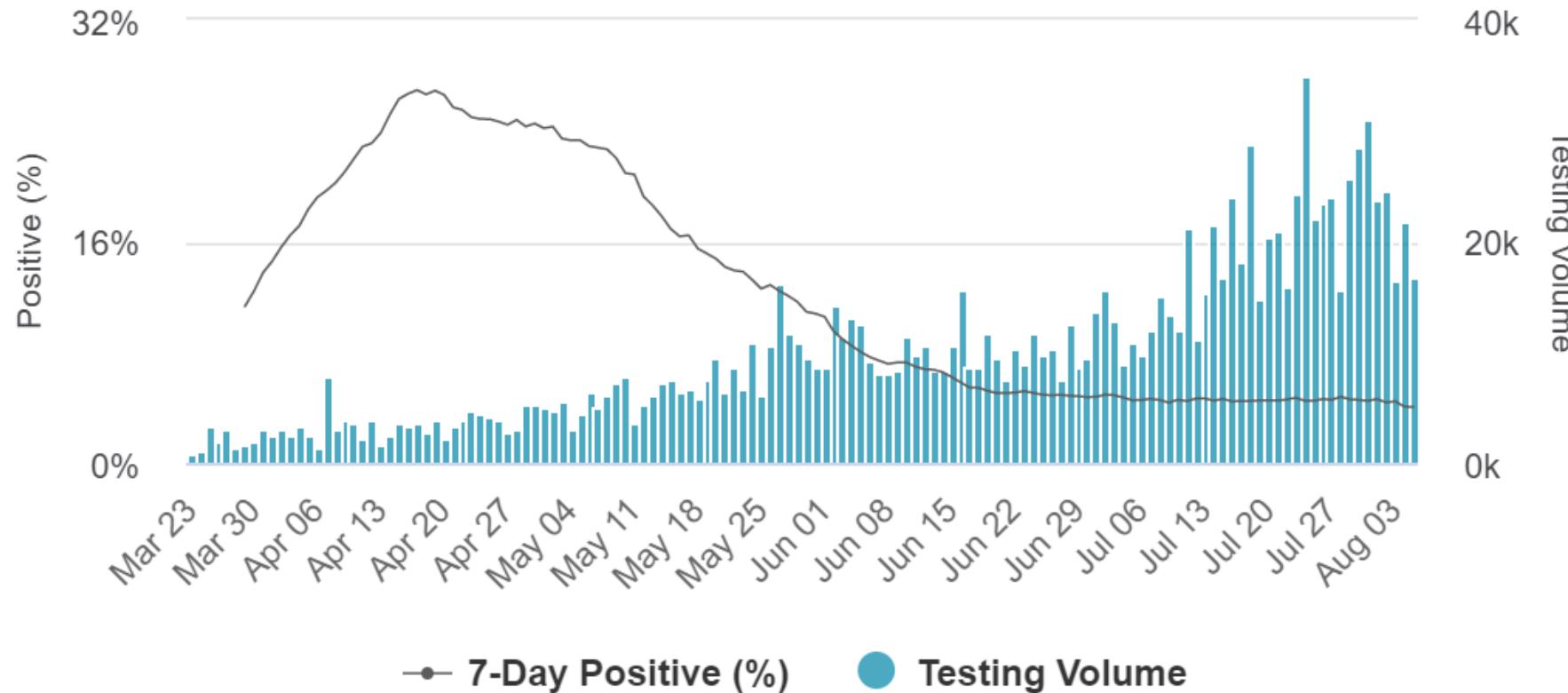


Source: <https://coronavirus.maryland.gov/>, accessed August 6, 2020

# Maryland: COVID-19

## Testing Volume and Percent Positive Rate

Testing Volume, Tests per Day and Percent Positive Rate (7-Day Avg)

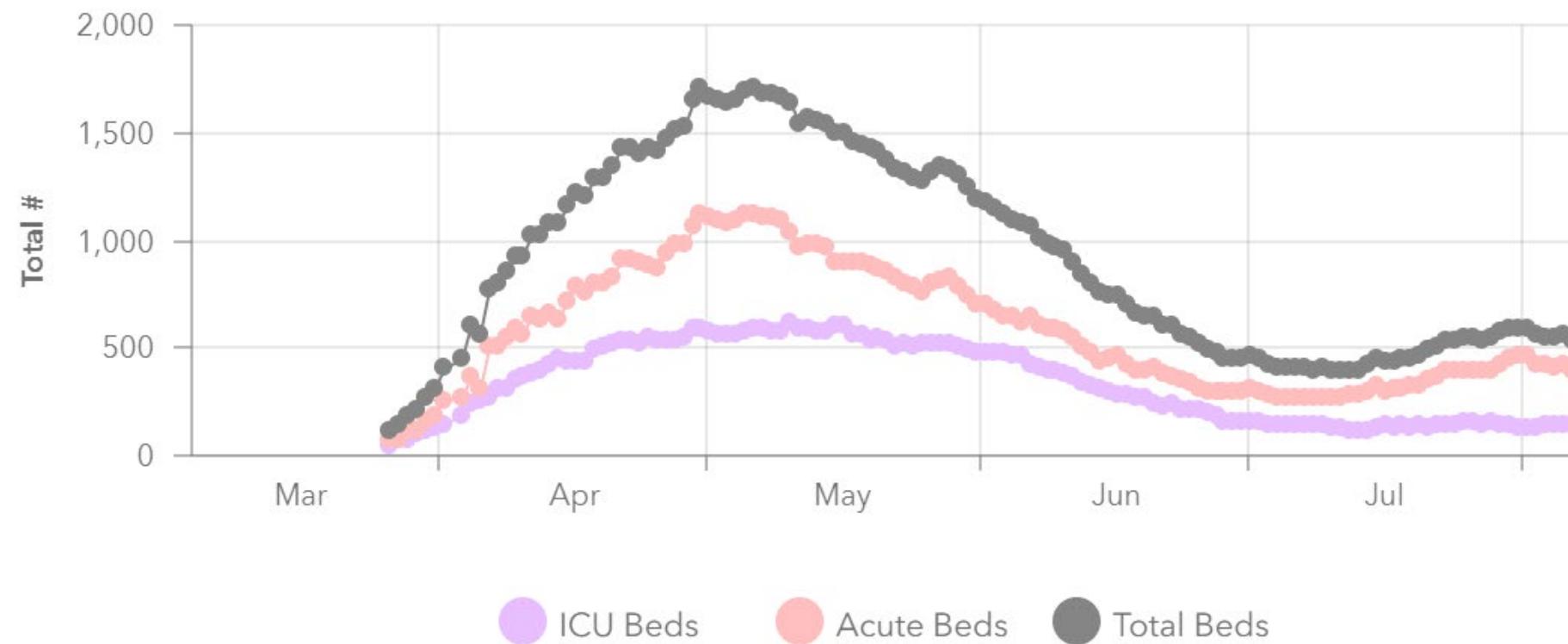


Source: <https://coronavirus.maryland.gov/>, accessed August 6, 2020

# Maryland: COVID-19

## ICU and Acute Care Beds in use for COVID - 19

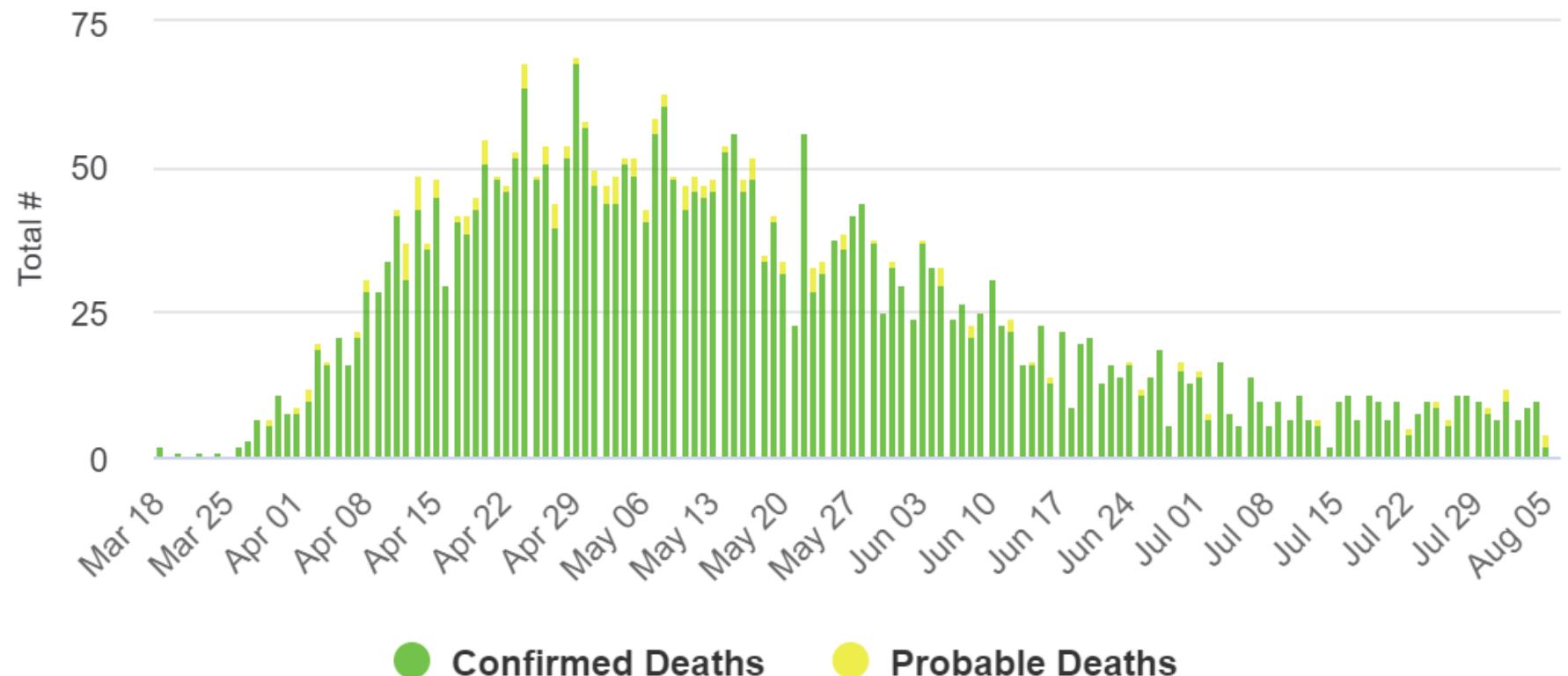
ICU and Acute Hospital Beds for COVID-19, Currently in Use



Source: <https://coronavirus.maryland.gov/>, accessed August 6 2020

# Maryland: COVID-19

Confirmed and Probable Deaths, Totals by Date of Death



Source: <https://coronavirus.maryland.gov/>, accessed August 6 2020

## Maryland COVID-19 in Congregate Facility Settings: Week of August 5, 2020

Confirmed Staff Cases

**3,208**

Confirmed Staff Deaths

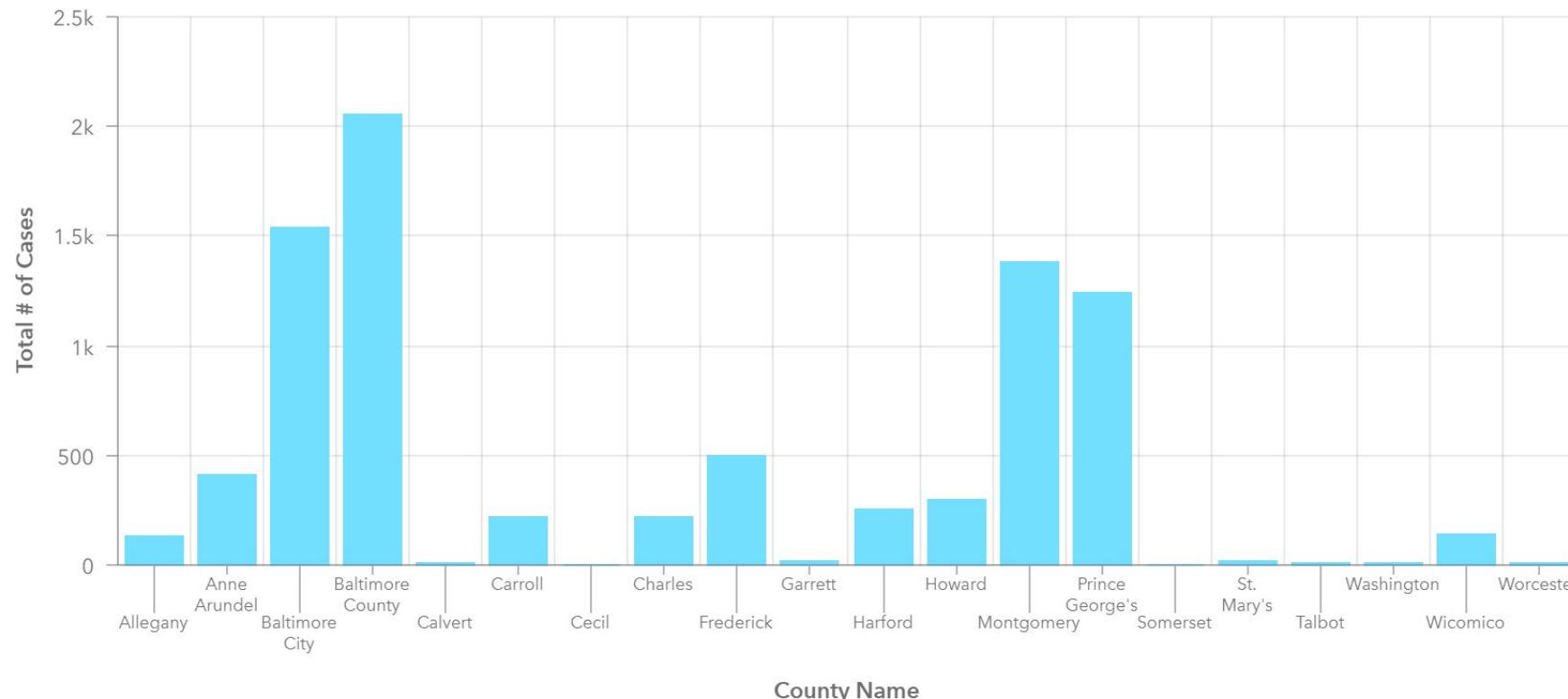
**14**

Confirmed Resident Cases

**5,254**

Confirmed Resident Deaths

**1,124**



Facilities: Nursing, Assisted Living, Group Homes

Facilities: State and Local

# Influenza Vaccine and COVID-19

*Kurt Seetoo, MPH*

*Center for Immunization*

# COMAR and Resident Vaccination in LTC

## COMAR 10.07.02.35

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1. The nursing home shall offer influenza and pneumococcal immunization to each resident.
2. The nursing home must have written consent from the resident or resident's representative
3. A resident is not required to receive influenza vaccine if:
  1. It is medically contraindicated
  2. Against the resident's religious beliefs
  3. After being fully informed of the health risks associated with not receiving a vaccine, the resident refuses the immunization

# COMAR and Employee Vaccination in LTC

## COMAR 10.07.02.34

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1. The nursing home shall require that all employees receive annual immunization for influenza, unless:
  - a) Medically contraindicated;
  - b) Against the employee's religious beliefs; or
  - c) After being fully informed of the health risks associated with not receiving a vaccine, the employee refuses the immunization.
2. The nursing home shall inform all new and current employees of the health risks of not being immunized

# Nursing Home Strike Teams

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*Karen Thickman, LNHA*

*Division Vice President*

*CommuniCare*

# CDC Guidance Review

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# Public Health Contact Tracing and Healthcare

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- **Default** - Healthcare facility staff who are identified through **public health contact tracing** as a close contact (6ft/15minutes) of an individual with laboratory confirmed COVID-19 will be asked to quarantine.
- Healthcare facility staff will be provided a work excuse letter from public health that encourages them to notify their occupational health department of their community exposure and need to quarantine.

# Healthcare Exposure Contact Investigations

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- As community spread decreases, healthcare facilities should resume internal contact tracing, exposure investigations, and begin to exclude exposed HCP from work.
- HCP with prolonged close contact exposure to a patient, visitor, or HCP while not using appropriate PPE should be excluded for 14 days after last exposure.
- HCP not wearing all recommended PPE with any duration of exposure during an aerosol generating procedure should be excluded for 14 days.

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assessment-hcp.html>

# Healthcare Exposure Work Exclusion

Exposure	Personal Protective Equipment Used	Work Restrictions
HCP who had prolonged <sup>1</sup> close contact <sup>2</sup> with a patient, visitor, or HCP with confirmed COVID-19 <sup>3</sup>	<ul style="list-style-type: none"><li>• HCP not wearing a respirator or facemask<sup>4</sup></li><li>• HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask</li><li>• HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure<sup>1</sup></li></ul>	<ul style="list-style-type: none"><li>• Exclude from work for 14 days after last exposure<sup>5</sup></li><li>• Advise HCP to monitor themselves for fever or <a href="#">symptoms consistent with COVID-19</a><sup>6</sup></li><li>• Any HCP who develop fever or <a href="#">symptoms consistent with COVID-19</a><sup>6</sup> should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.</li></ul>

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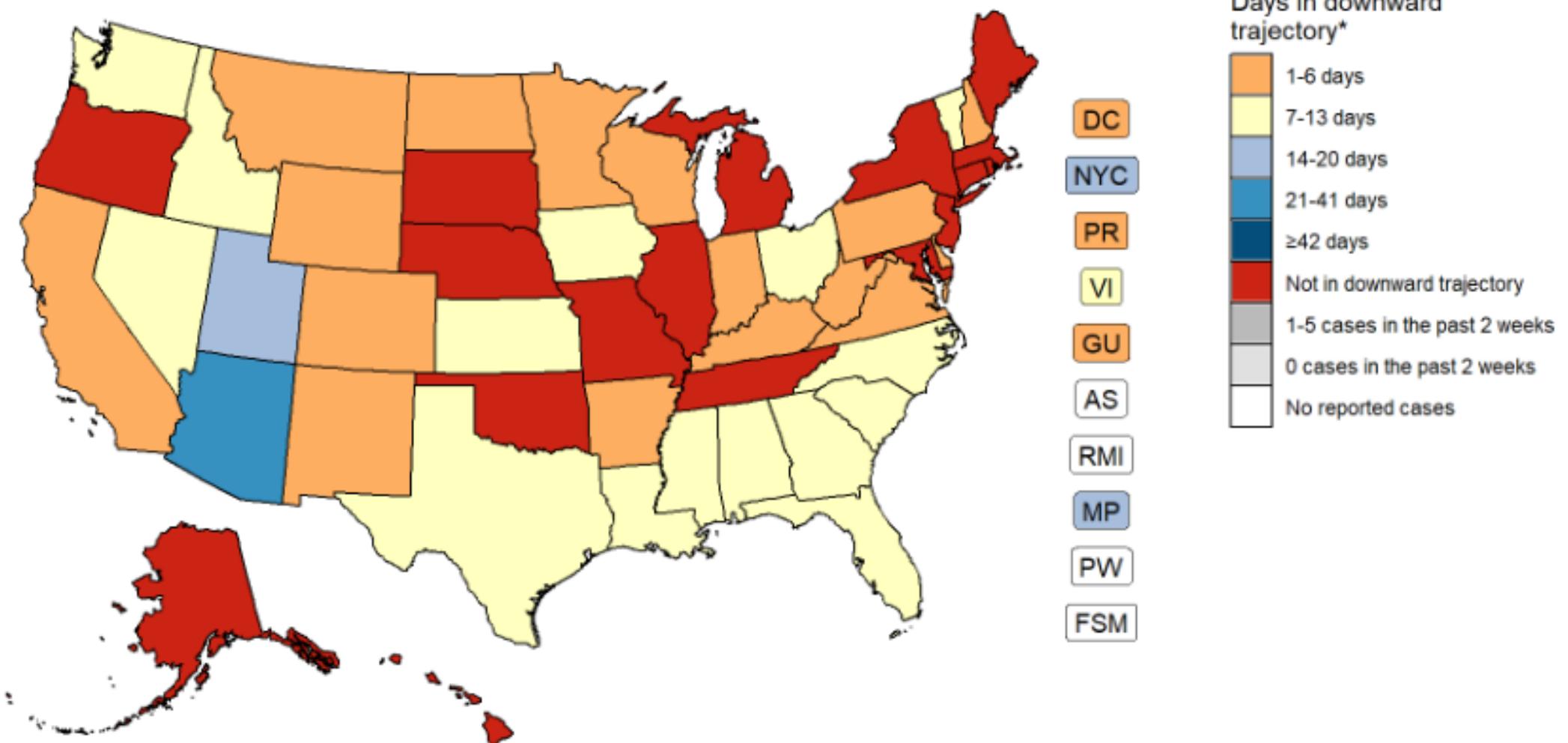
# CDC State Indicator Reports

# Data Sources

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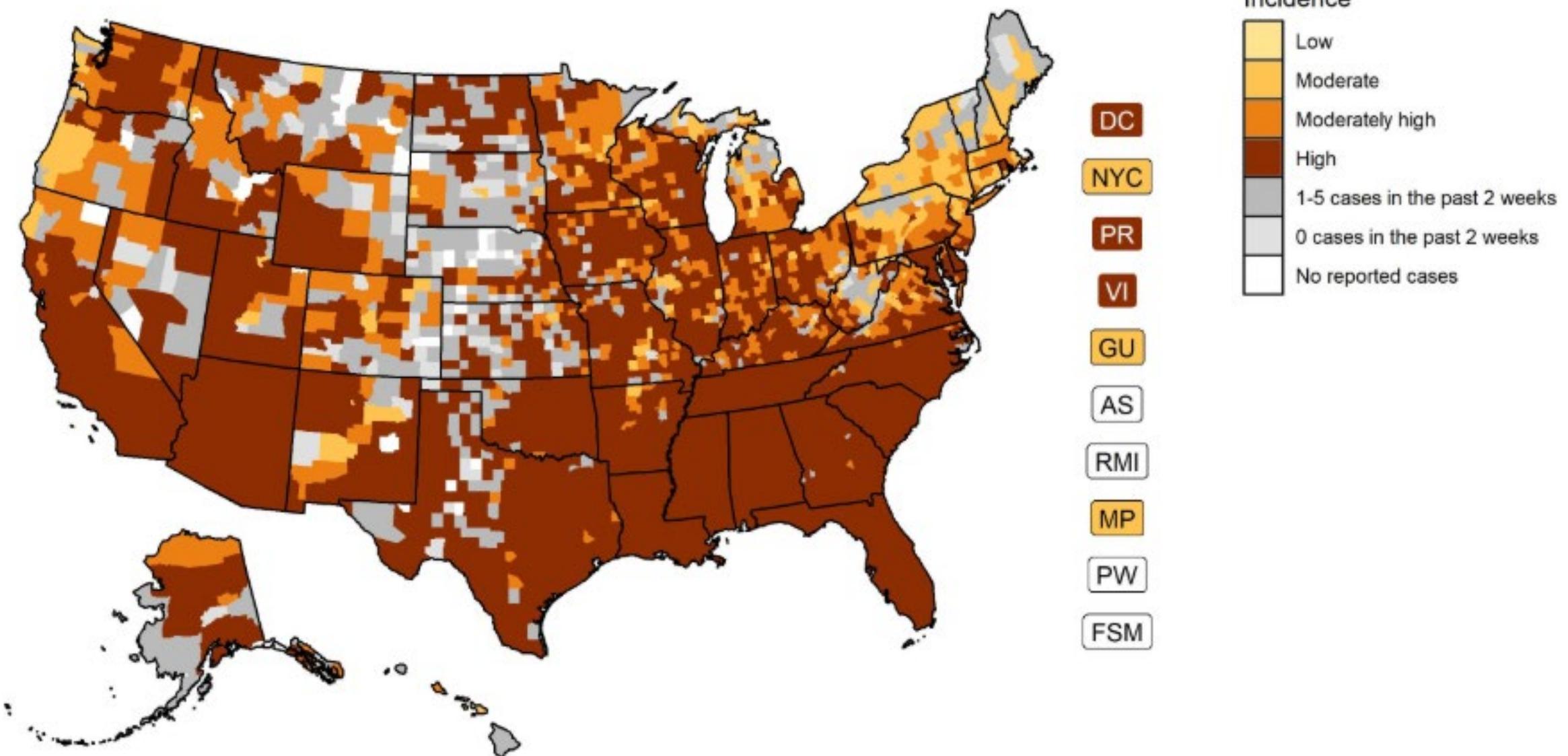
- State-level case counts and mortality data: State-verified case report counts in NNDSS and DCIPHER
- County-level case counts and mortality data: USAFacts
- COVID-like Illness (CLI) Emergency Department Data: BioSense- Facility Location
- Total testing volume and results: HHS Protect Laboratory Data
- Population denominator for incidence calculations: 2018 US Census estimates
- There might be slight discrepancies between the numbers CDC is displaying and what MDH has on the website. The MDH data are generally a little more complete than the CDC data

Coronavirus Disease 2019 (COVID-19)  
Current consecutive days of downward trajectory in case reports,  
U.S. States and Territories, 02 August 2020



\*The number of days in a downward trajectory represents the number of consecutive days for which the jurisdiction experienced either a negative slope or a low incidence plateau (two-week incidence  $\leq 10$  cases per 100,000 and slope  $>-0.1$  and  $\leq 0.1$ ).  
2 Jurisdictions are allowed a 5 day grace period of departure from downward trajectory before the downward trajectory is considered over.

Coronavirus Disease 2019 (COVID-19)  
Number of New Cases per 100,000 in the past 2 weeks,  
by U.S. County, 19 July 2020 - 02 August 2020



# Maryland Specific Data

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## Incidence, past two weeks

### State reported counts

# of new cases during past 2 weeks (raw)	12459
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# of new cases during past 2 weeks per 100K (raw)	206.18
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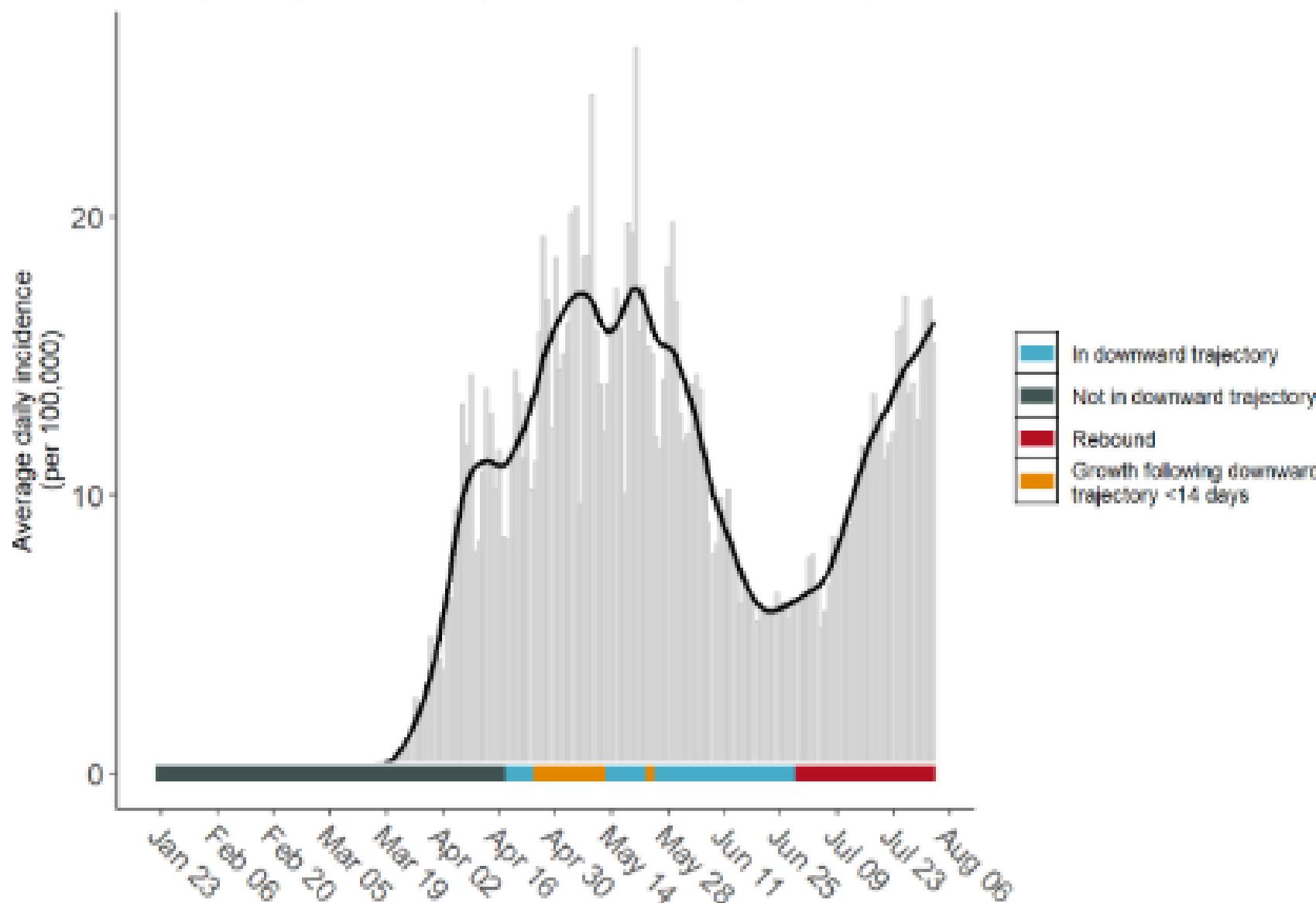
% change in new cases during past 2 weeks compared to 2 weeks prior	60.87
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# of days in downward trajectory status of cases	0
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Downward trajectory status of cases	Rebound
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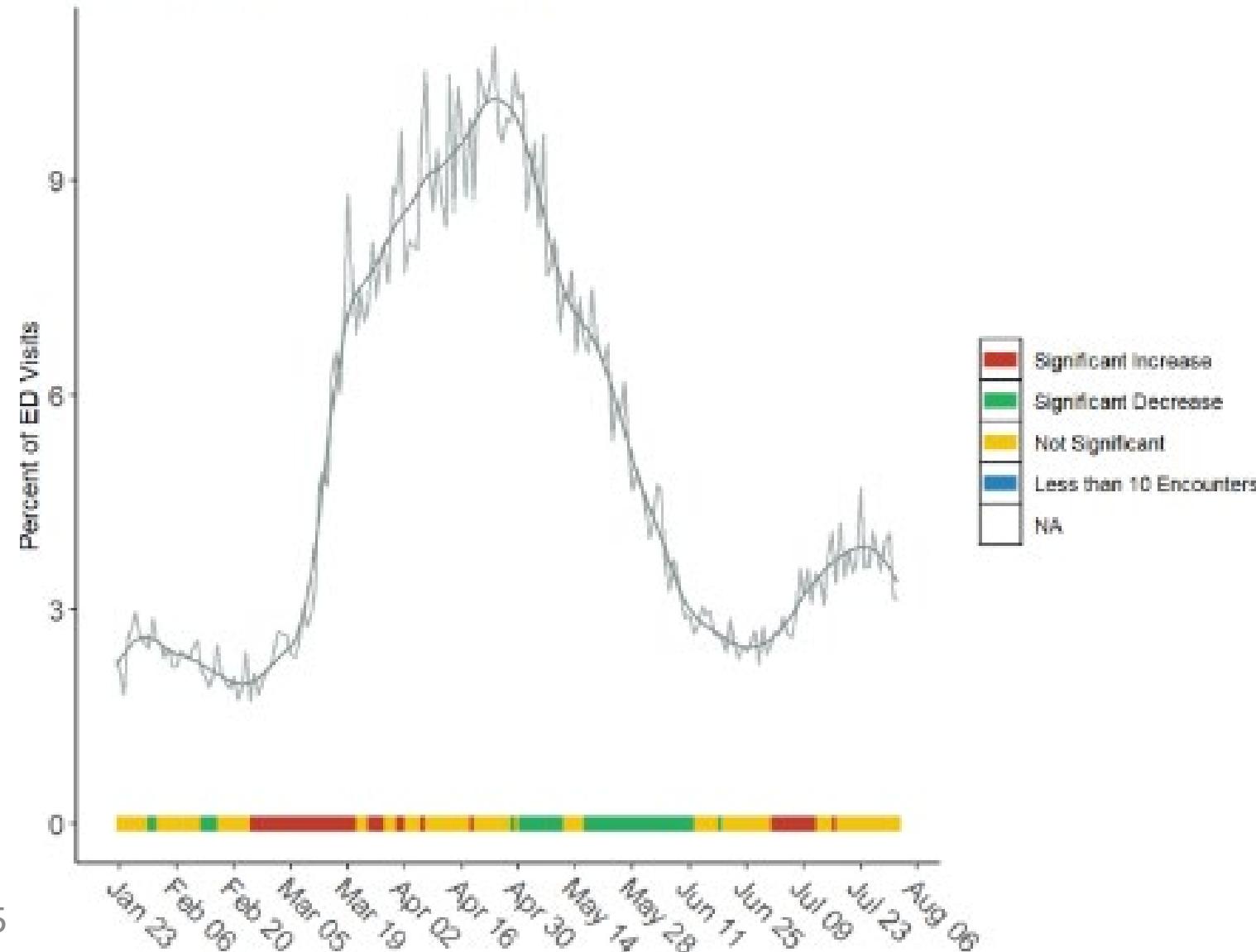
\* Incidence data from 2020-07-19 to 2020-08-02

## Average Daily Incidence by Date of Case Report, Maryland

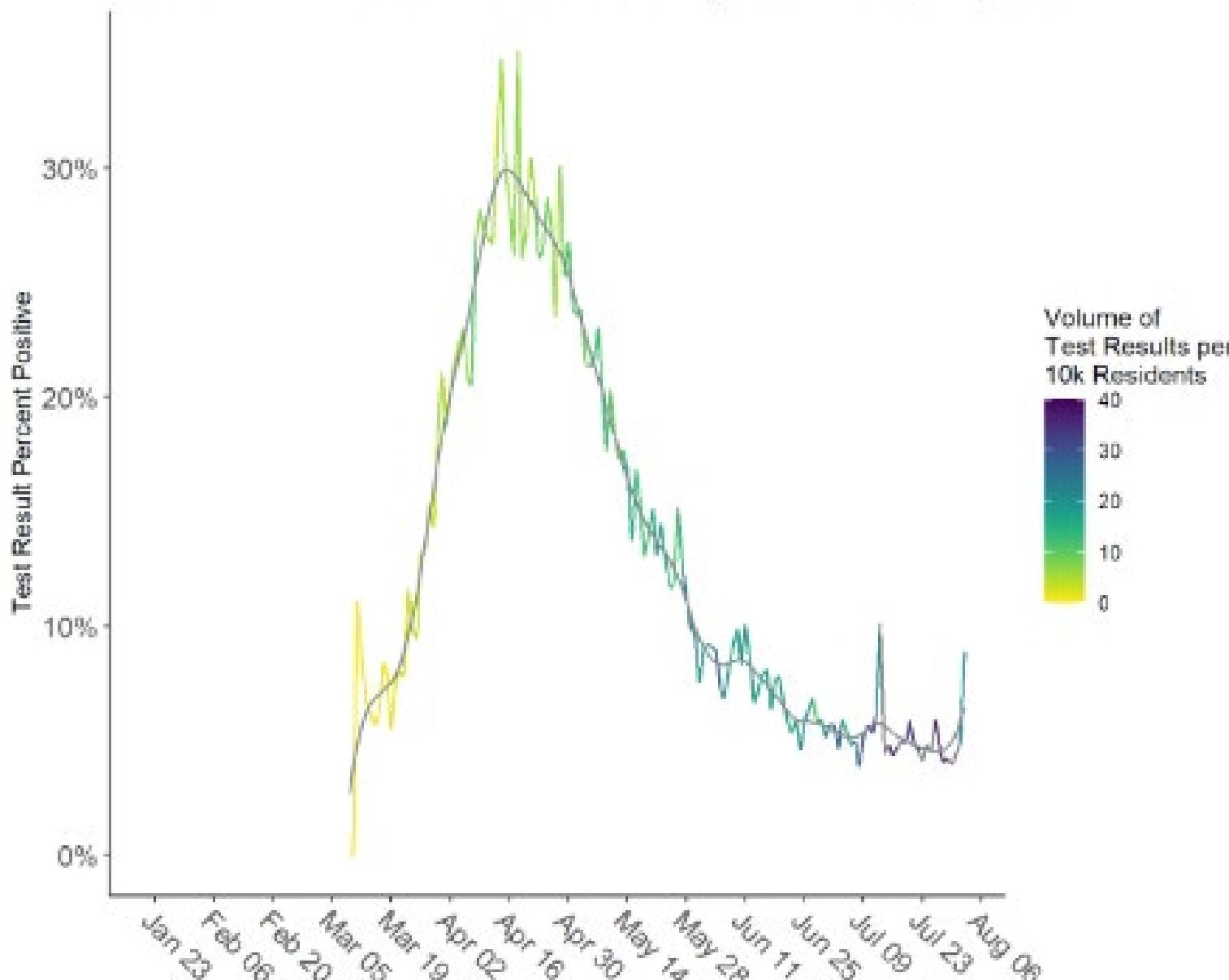


Note: Date of case report lags behind onset date by 8–10 days nationally.

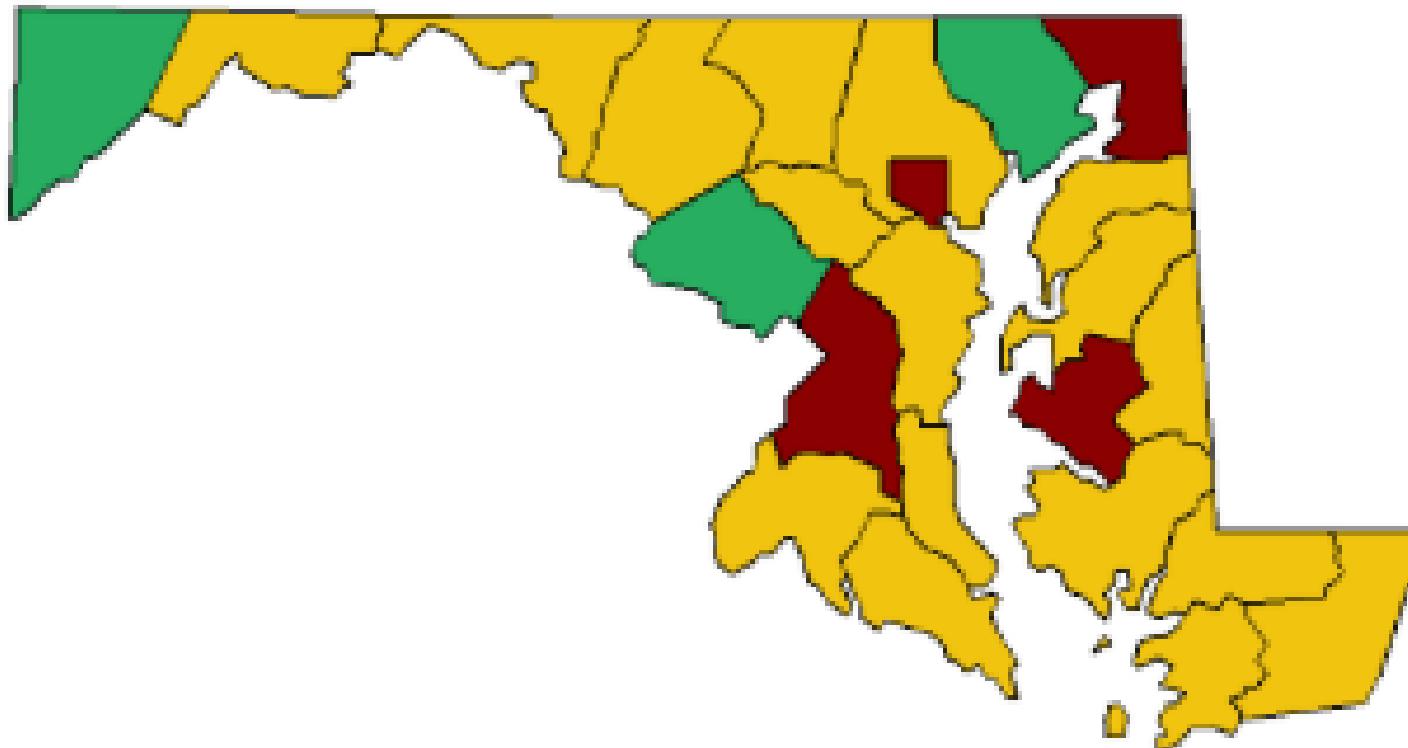
CLI Related Percent ED Visits  
Maryland- January 15, 2020 to August 01, 2020



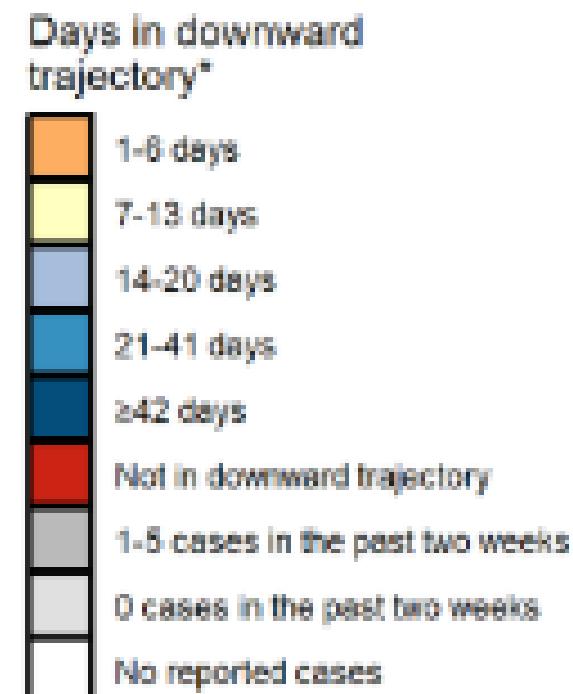
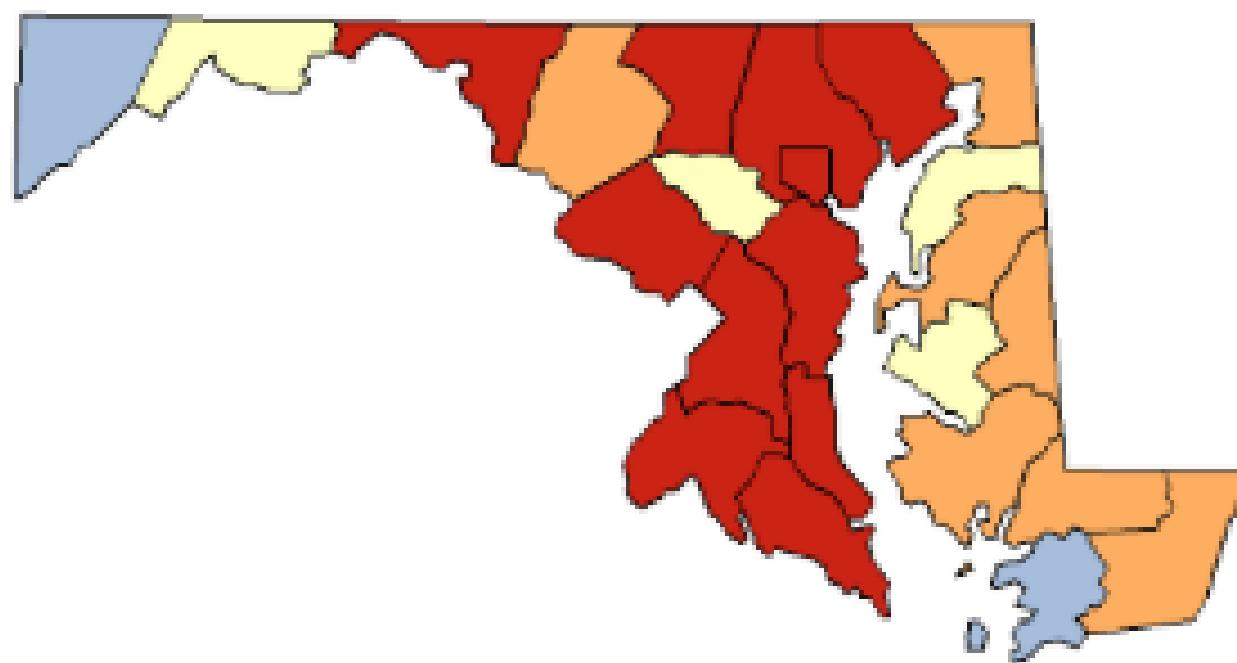
## Percent of Tests Positive with Line Colored by Test Volume, Maryland



## Laboratory Test Percent Positive: Jul 21, 2020 - Aug 02, 2020



Coronavirus Disease 2019 (COVID-19)  
Current consecutive days of downward trajectory, by county  
02 Aug, 2020



Source: CDC analysis of USAFacts data

# Questions?

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MDH.IPCOVID@Maryland.gov