



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

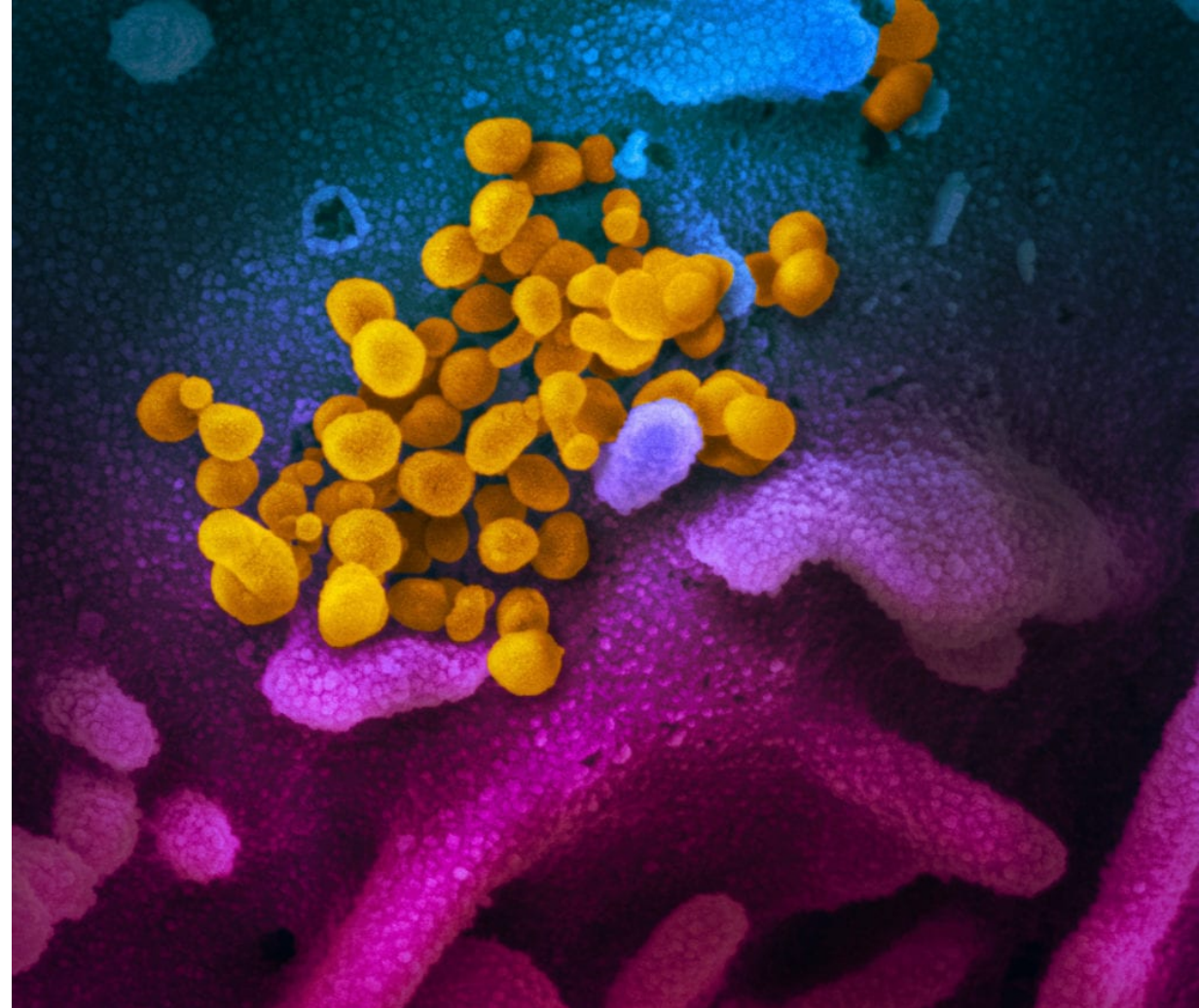
Maryland Department of Health
Infectious Disease Epidemiology and Outbreak Response Bureau

August 6th, 2020

Call Agenda

- 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

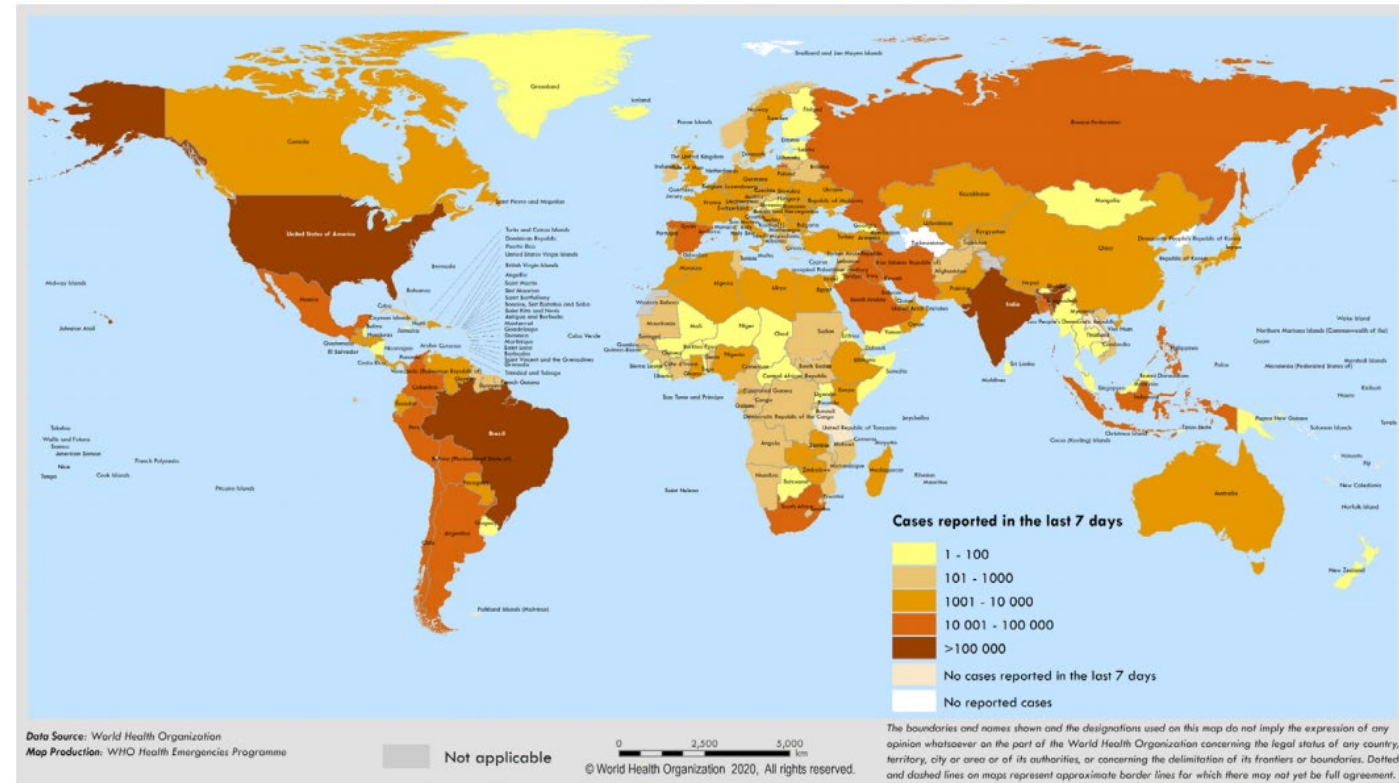


Worldwide: COVID-19

- 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

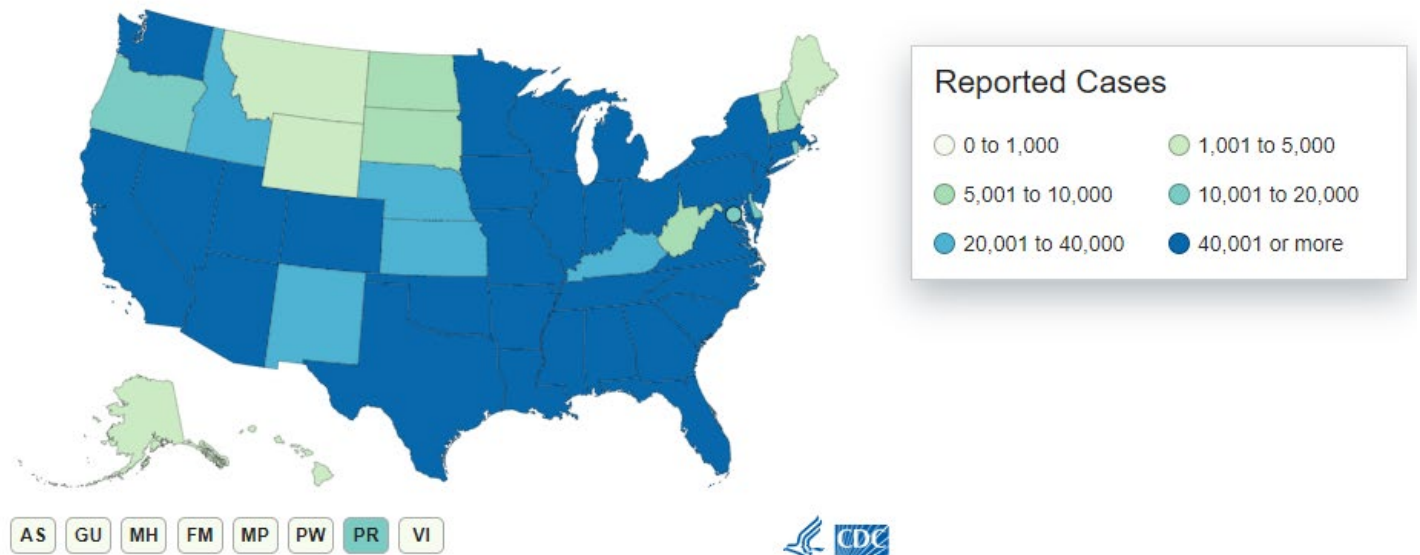
Figure 1. Number of confirmed* COVID-19 cases reported in the last seven days by country, territory or area, 29 July to 4 August **



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

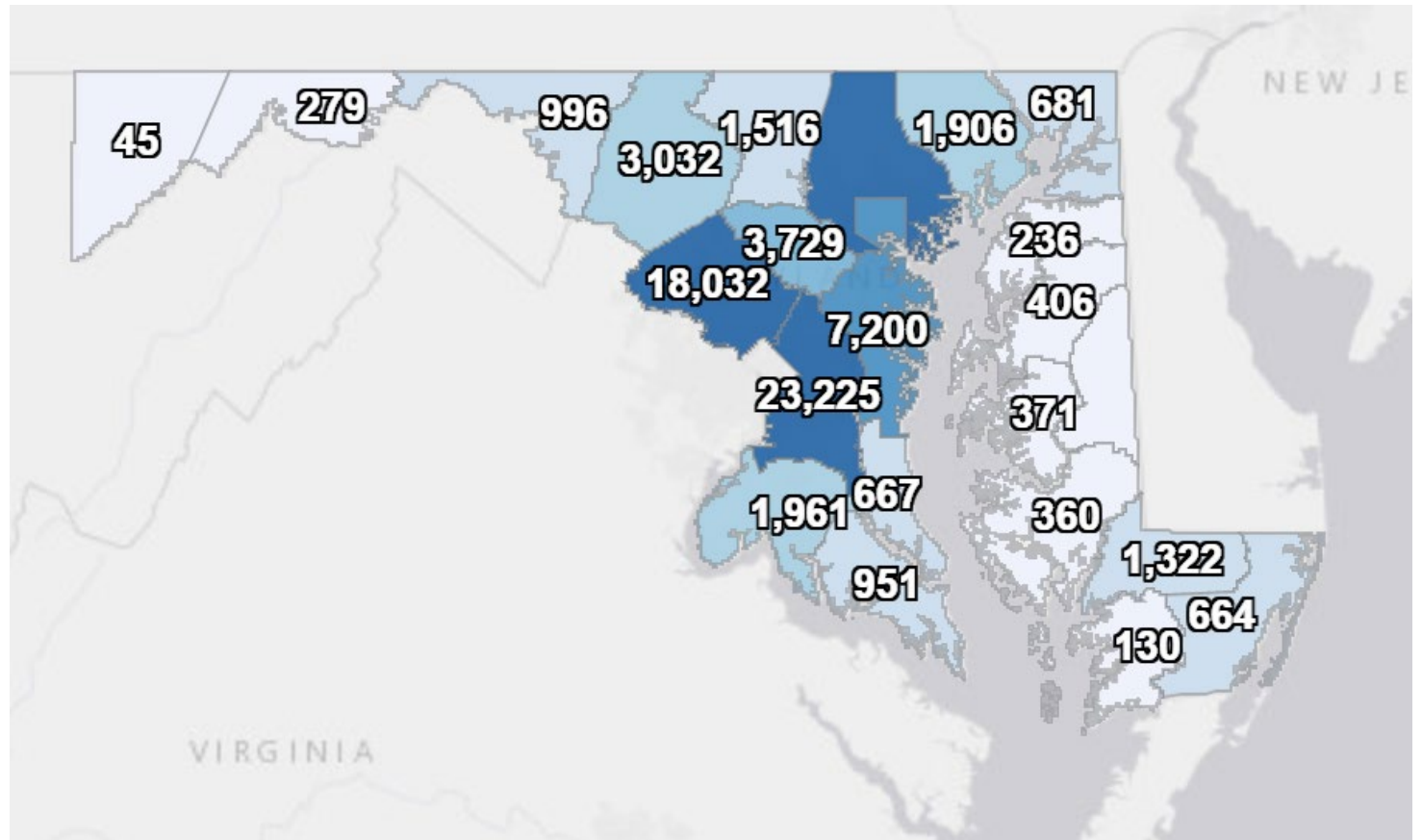


Data current as of August 6, 2020

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

Maryland: COVID-19

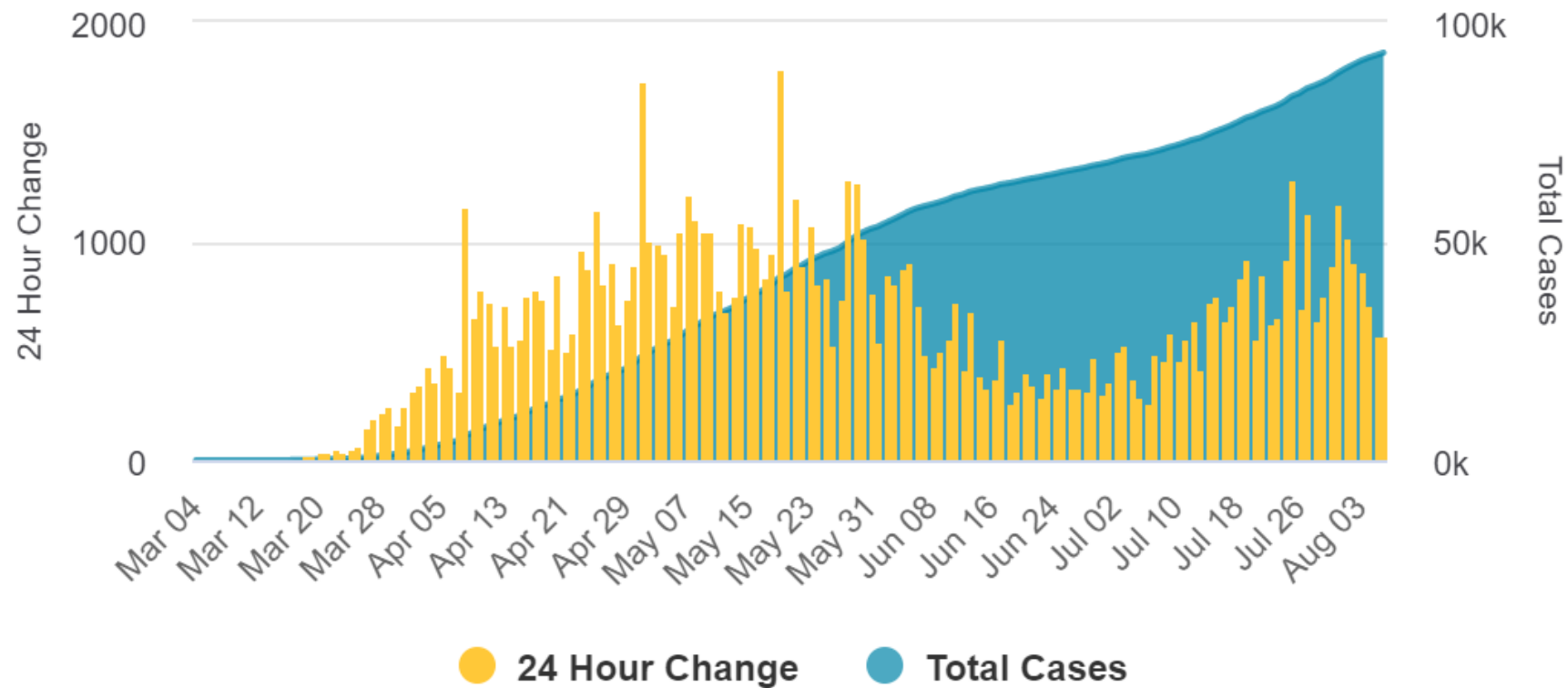
- Confirmed cases: **93,005**
(+579 new)
- Deaths: **3,415** confirmed
(+13 new)
- Hospitalized
 - 12,978 total
 - **535** current
 - 24hr Change: -20



Maryland: COVID-19

Confirmed Cases and 24 Change

Confirmed Cases, Total over Time

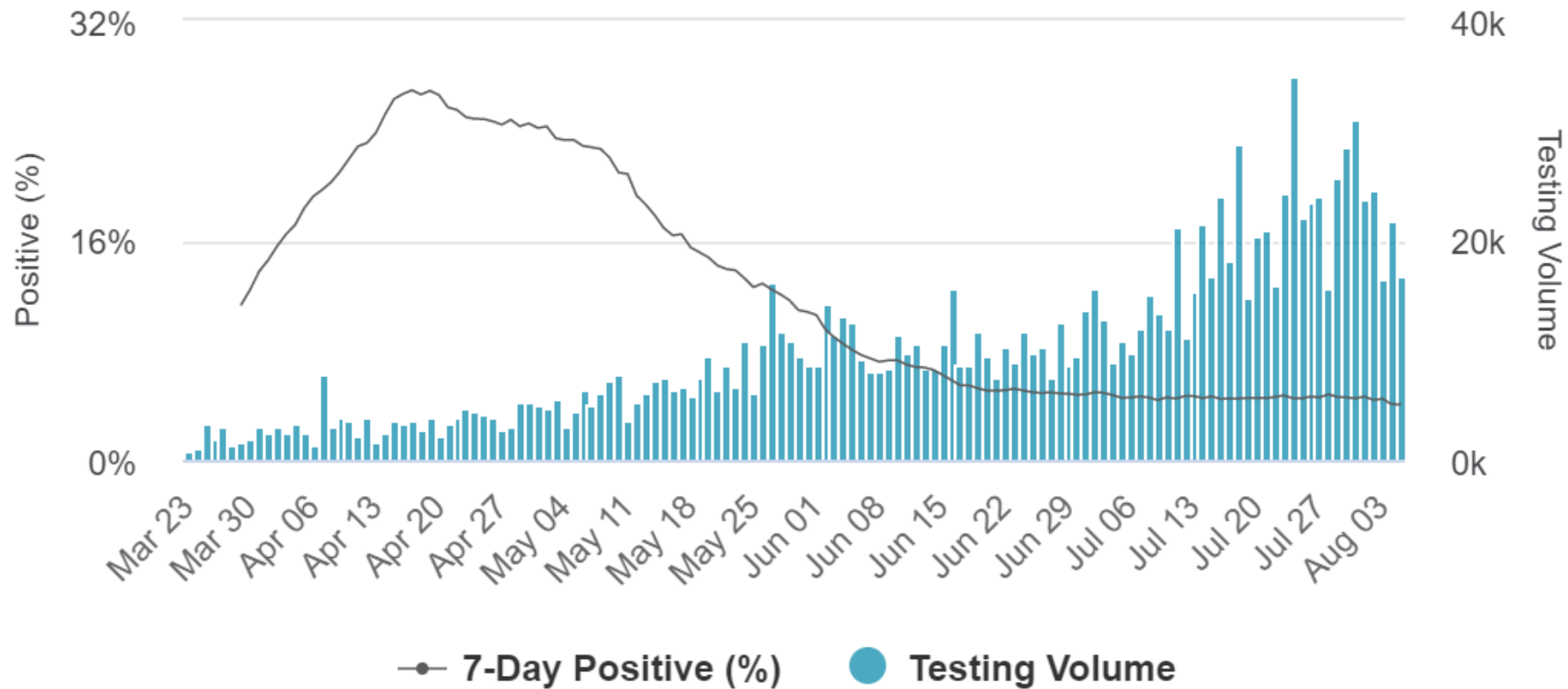


Source: <https://coronavirus.maryland.gov/>, accessed August 6, 2020

Maryland: COVID-19

Testing Volume and Percent Positive Rate

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

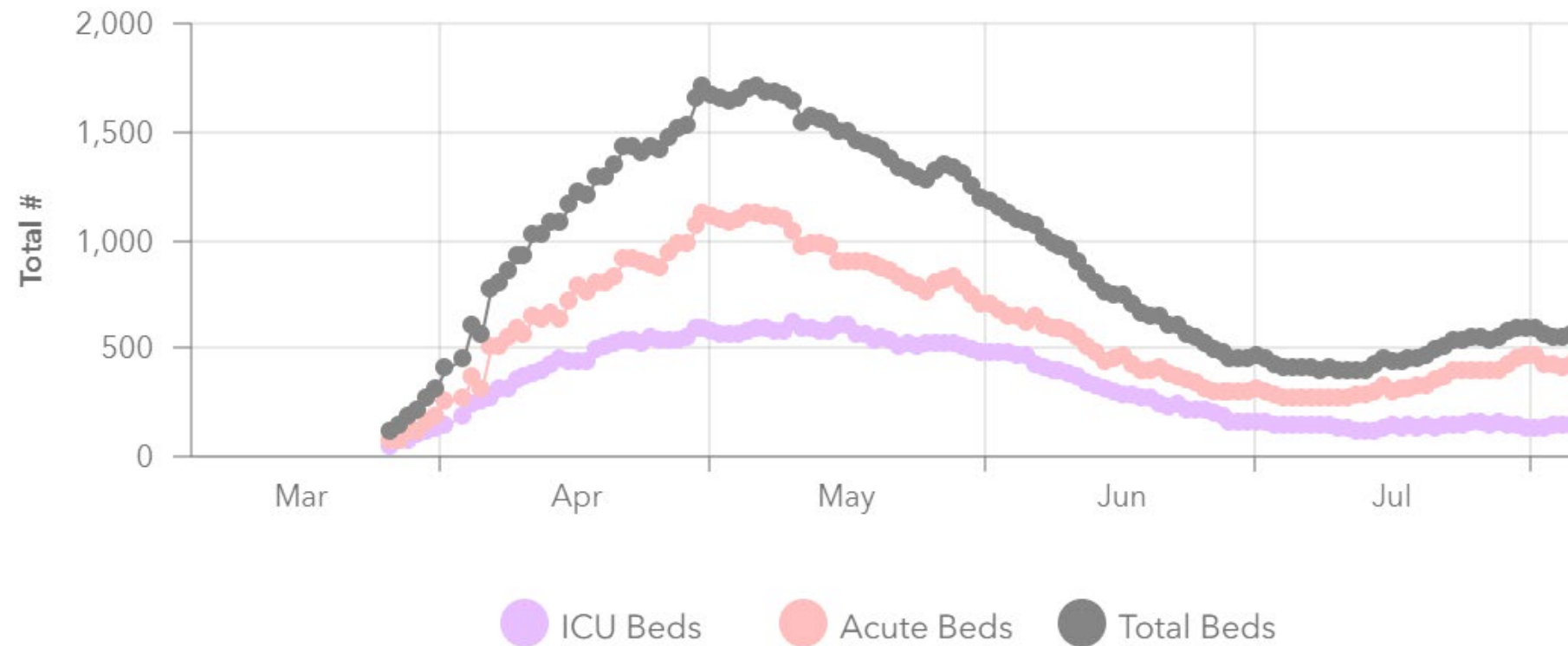


Source: <https://coronavirus.maryland.gov/>, accessed August 6, 2020

Maryland: COVID-19

ICU and Acute Care Beds in use for COVID - 19

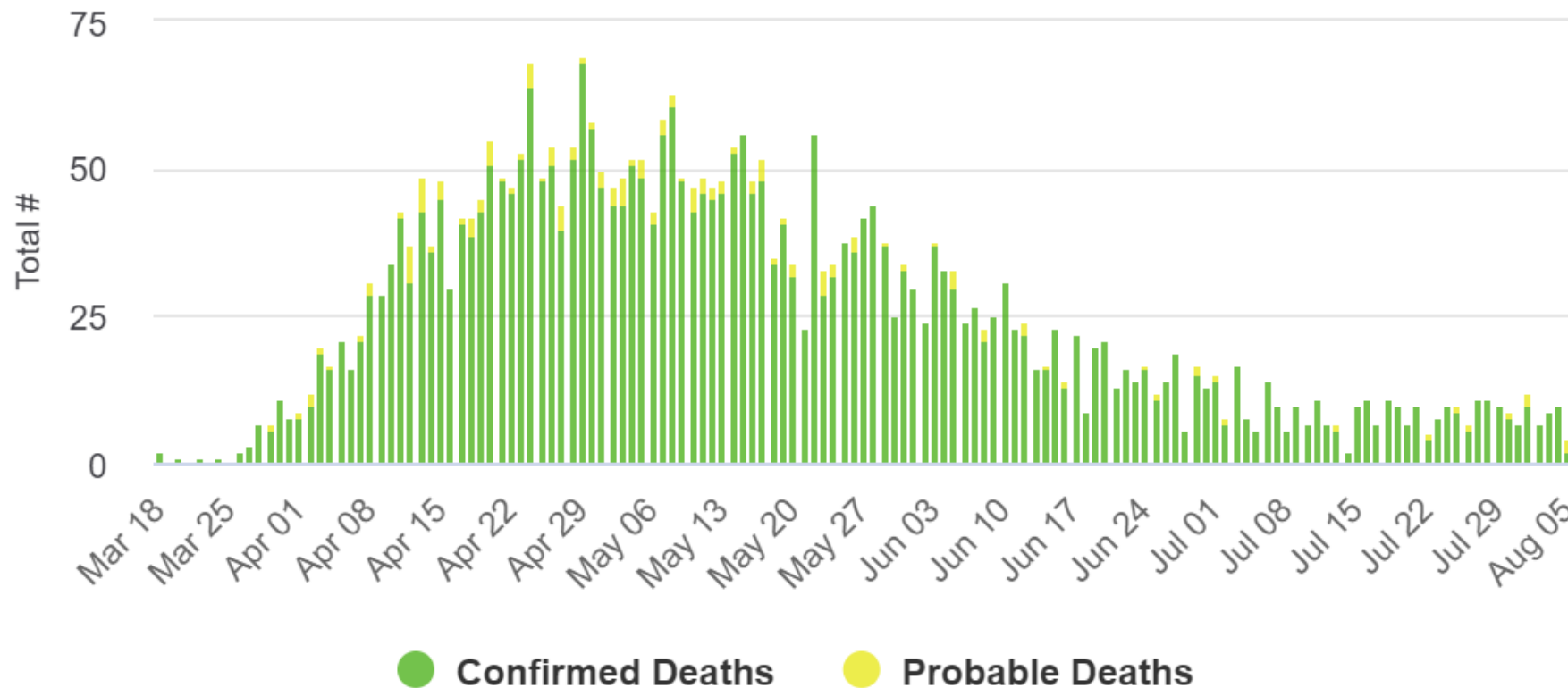
ICU and Acute Hospital Beds for COVID-19, Currently in Use



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

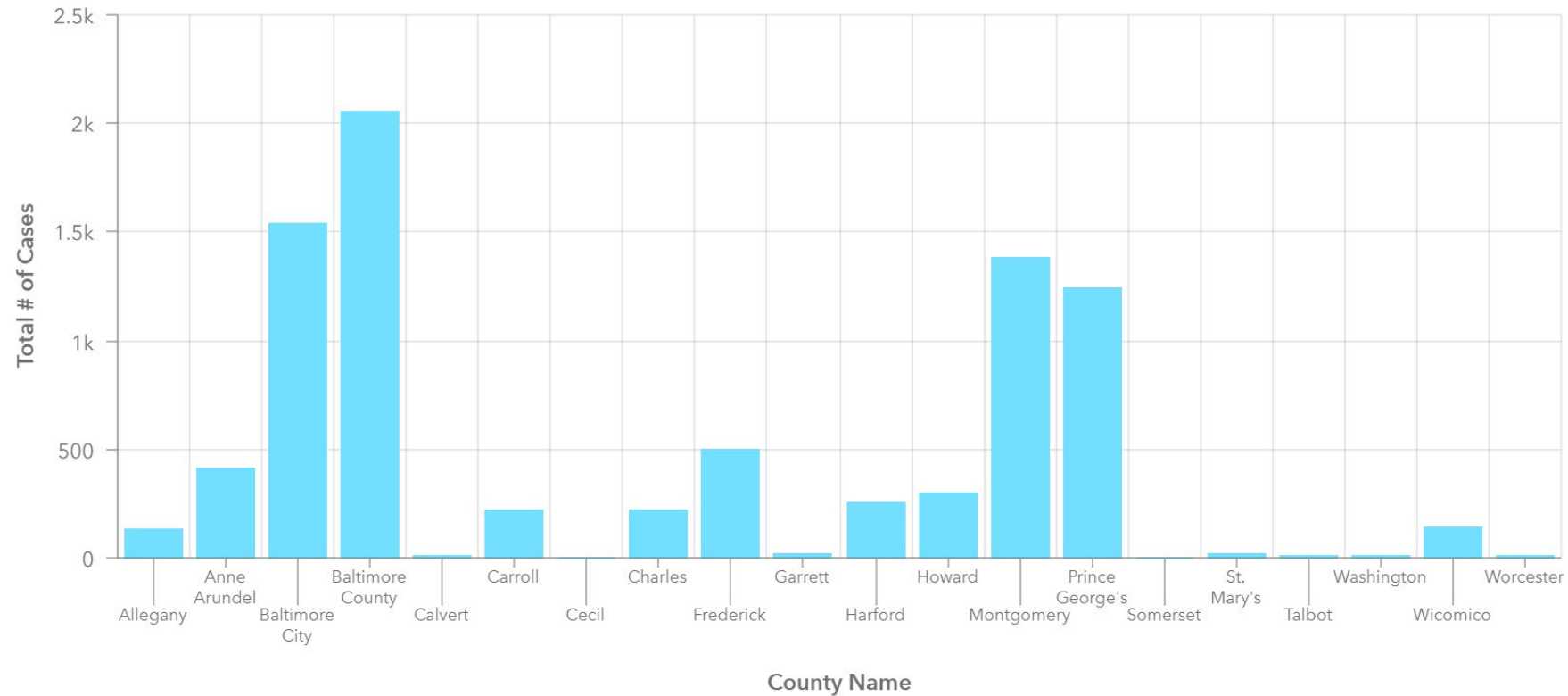
14

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

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

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

Karen Thickman, LNHA
Division Vice President
CommuniCare

CDC Guidance Review

Public Health Contact Tracing and Healthcare

- **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

- 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-assesment-hcp.html>

Healthcare Exposure Work Exclusion

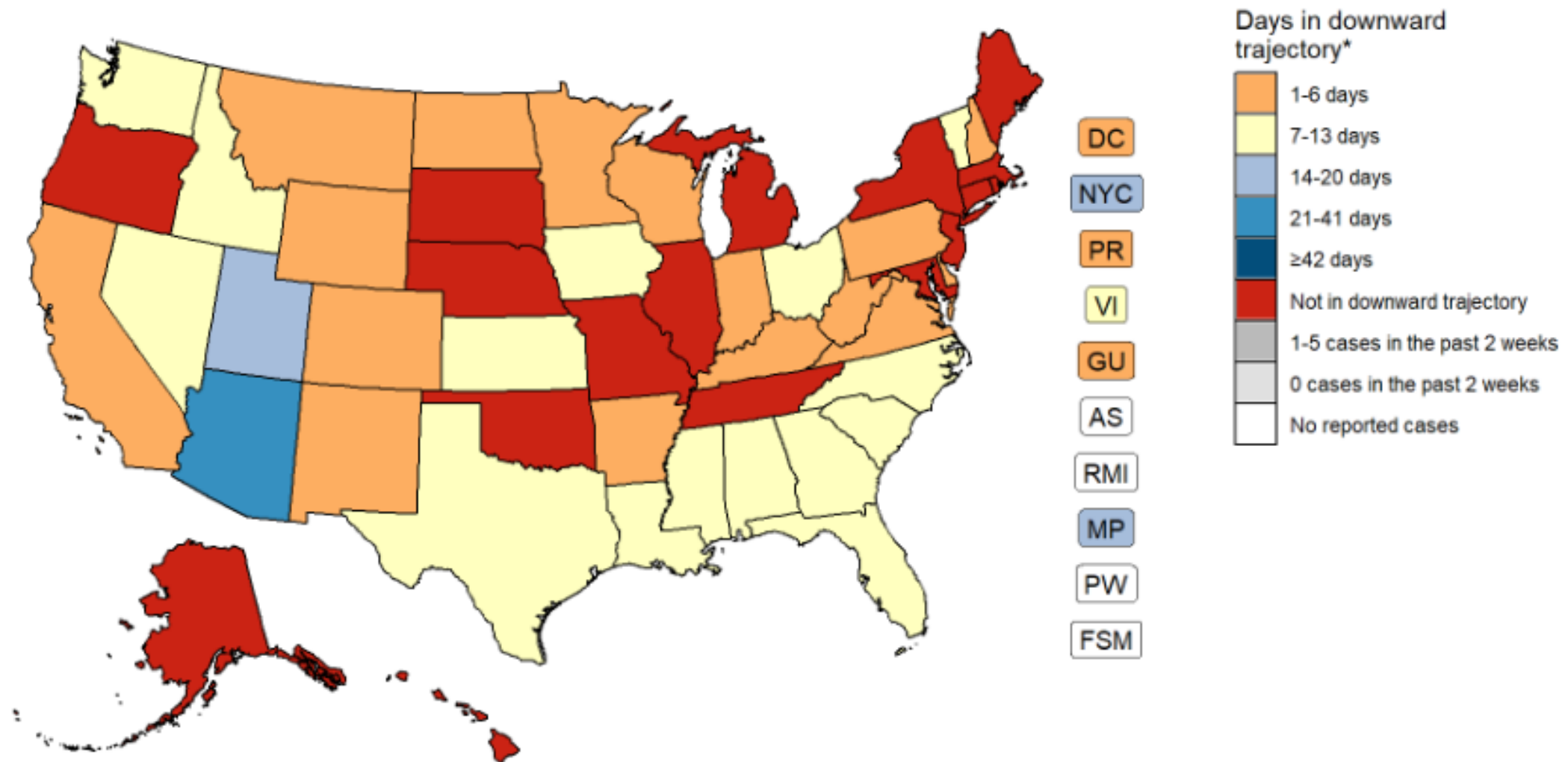
Exposure	Personal Protective Equipment Used	Work Restrictions
HCP who had prolonged ¹ close contact ² with a patient, visitor, or HCP with confirmed COVID-19 ³	<ul style="list-style-type: none">• HCP not wearing a respirator or facemask⁴• HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask• HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure¹	<ul style="list-style-type: none">• Exclude from work for 14 days after last exposure⁵• Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19⁶• Any HCP who develop fever or symptoms consistent with COVID-19⁶ should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.

CDC State Indicator Reports

Data Sources

- 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

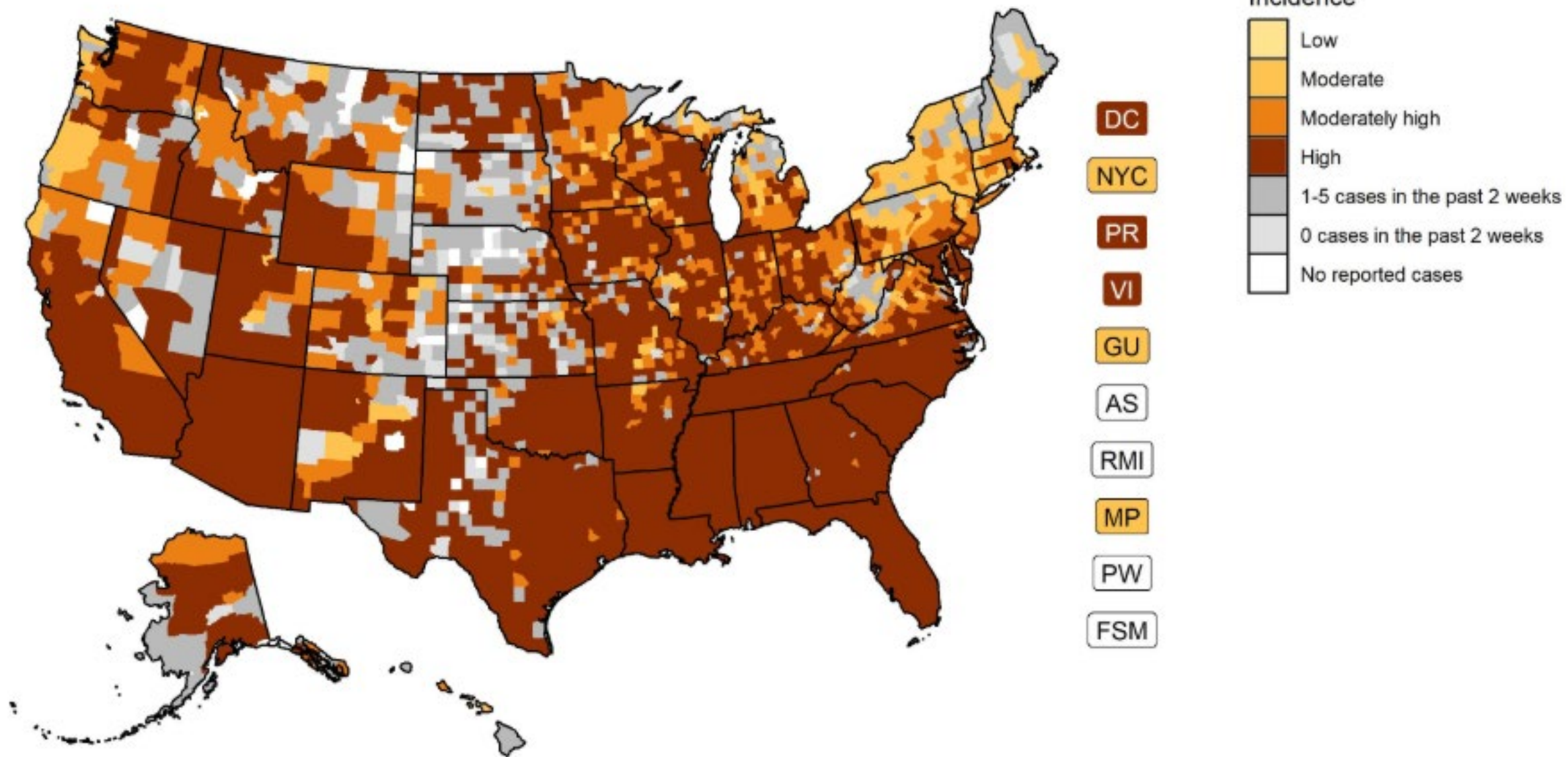


*The number of days in a downward trajectory represents the number of consecutive days for which the jurisdiction experienced either a negative slope or a low incidence plateau (two-week incidence ≤ 10 cases per 100,000 and slope > -0.1 and ≤ 0.1).

Jurisdictions are allowed a 5 day grace period of departure from downward trajectory before the downward trajectory is considered over.

Source: State reported aggregate counts, US Census

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

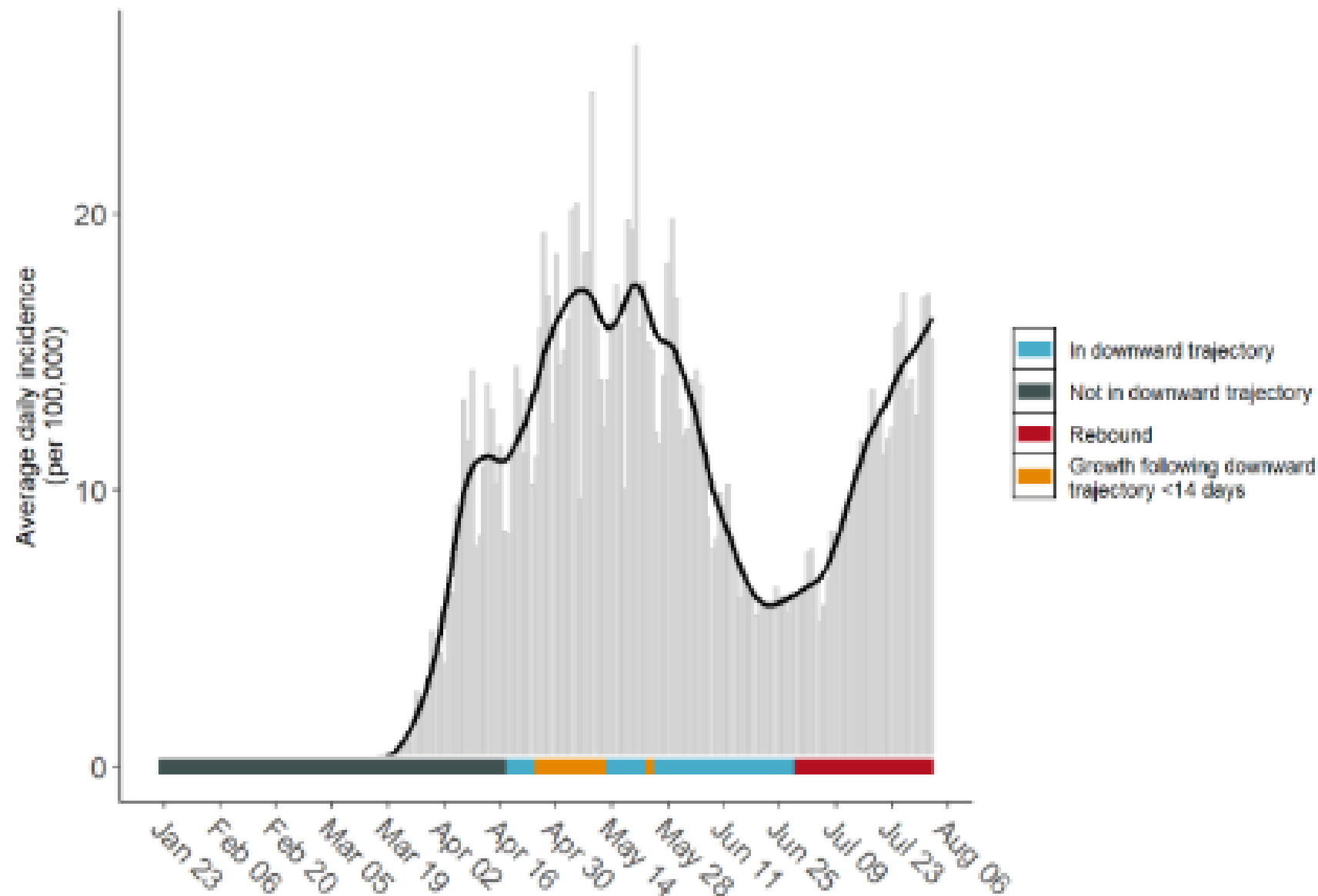
Incidence, past two weeks

State reported counts

# of new cases during past 2 weeks (raw)	12459
# of new cases during past 2 weeks per 100K (raw)	206.18
% change in new cases during past 2 weeks compared to 2 weeks prior	60.87
# of days in downward trajectory status of cases	0
Downward trajectory status of cases	Rebound

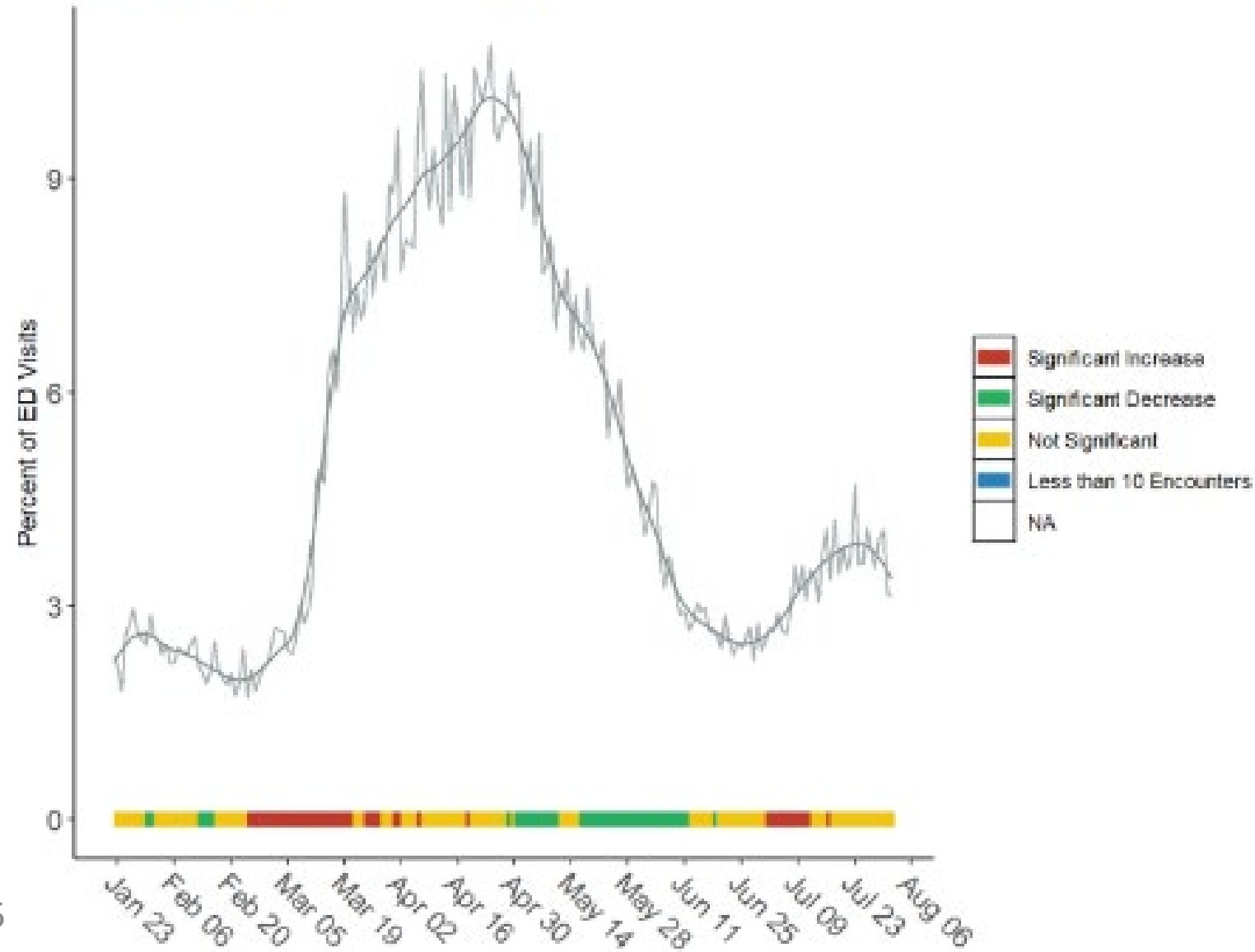
* Incidence data from 2020-07-19 to 2020-08-02

Average Daily Incidence by Date of Case Report, Maryland

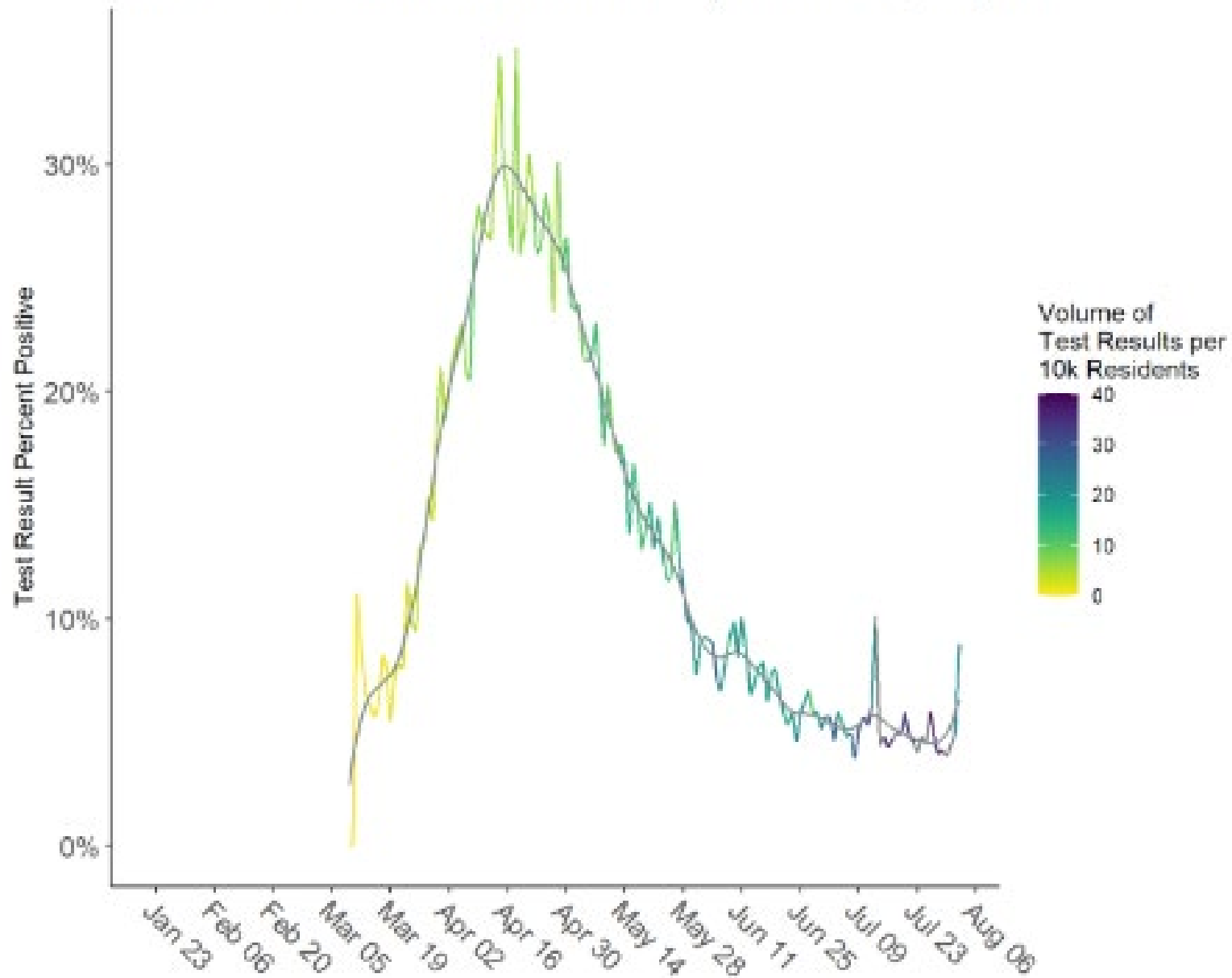


Note: Date of case report lags behind onset date by 8–10 days nationally.

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

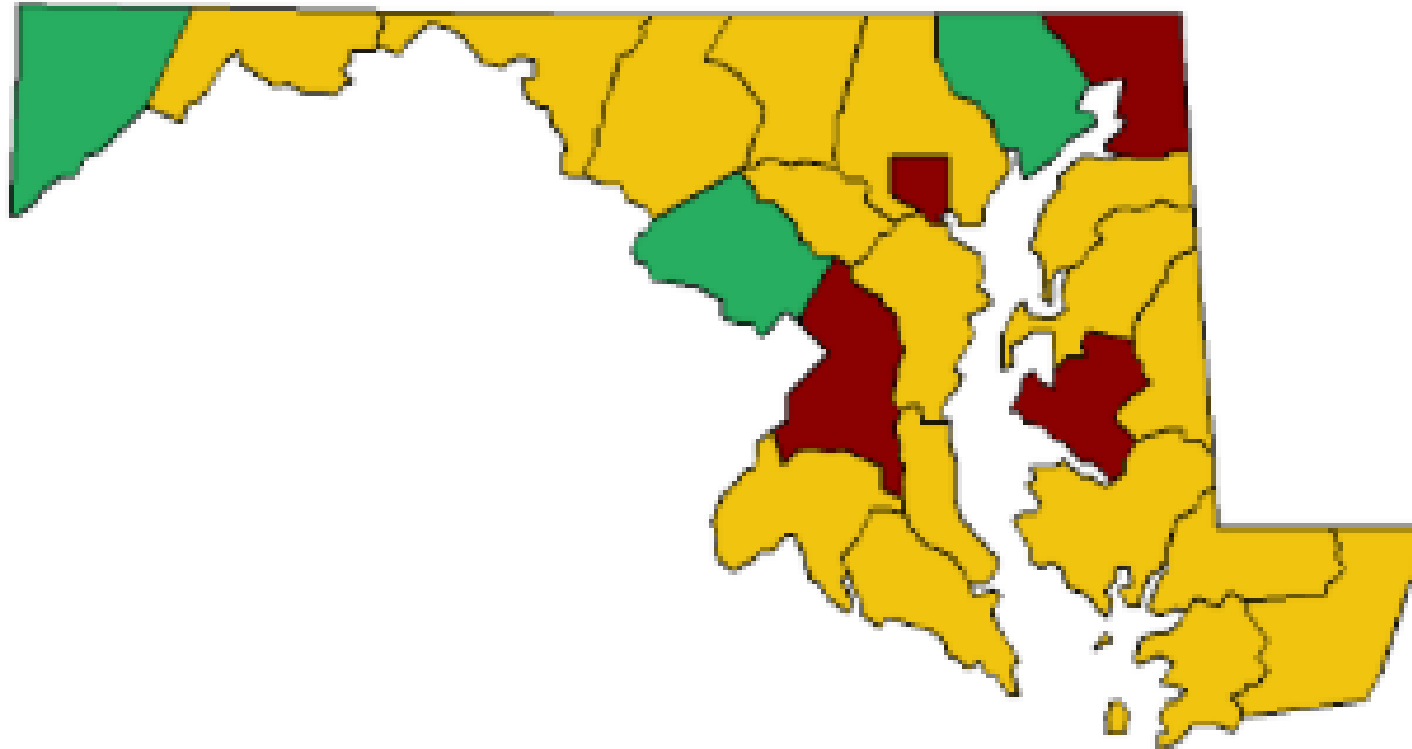


Percent of Tests Positive with Line Colored by Test Volume, Maryland



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

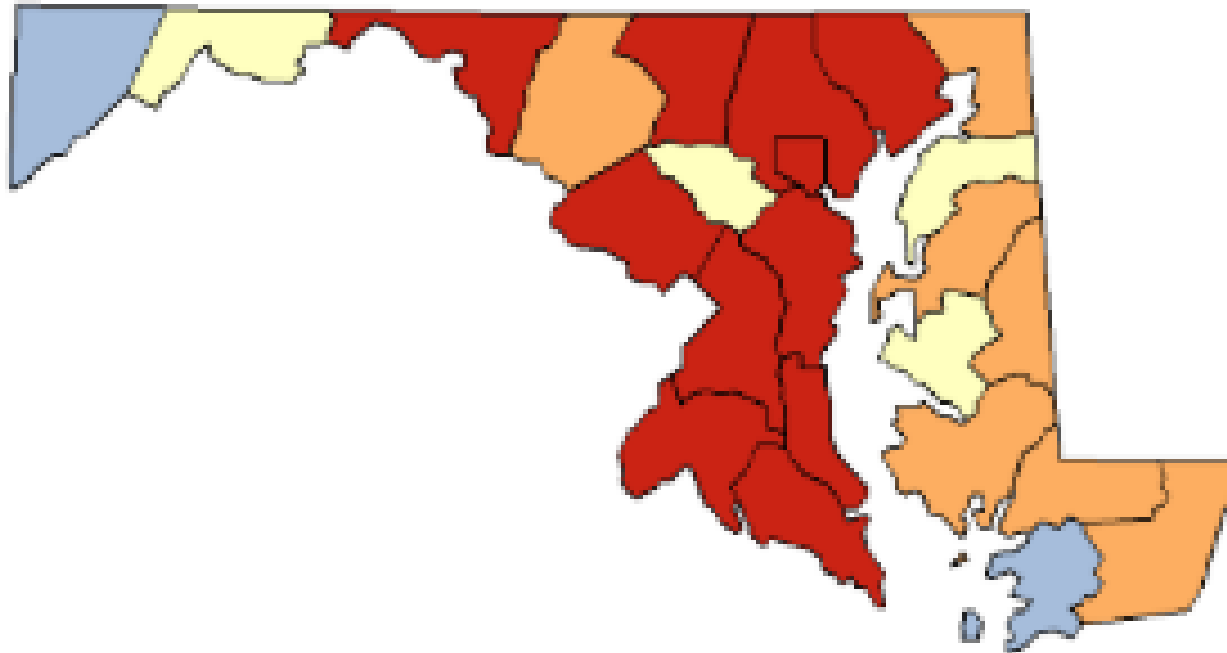
8



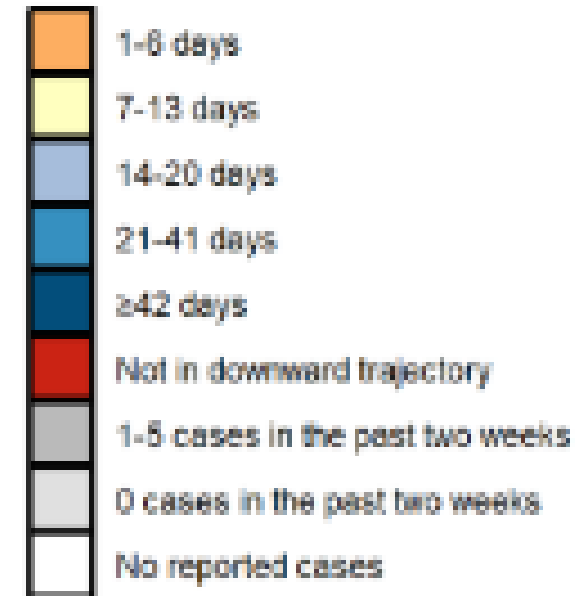
Alert Status



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



Days in downward trajectory*



Source: CDC analysis of USAFacts data

Questions?

MDH.IPCOVID@Maryland.gov