



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

Maryland Department of Health
Infectious Disease Epidemiology and Outbreak Response Bureau

December 31st, 2020

Published Date: 2019-12-30 23:59:00

Subject: PRO/AH/EDR> Undiagnosed pneumonia - China (HU): RFI

Archive Number: 20191230.6864153

UNDIAGNOSED PNEUMONIA - CHINA (HUBEI): REQUEST FOR INFORMATION

A ProMED-mail post

<http://www.promedmail.org>

ProMED-mail is a program of the
International Society for Infectious Diseases
<http://www.isid.org>

[1]

Date: 30 Dec 2019

Source: Finance Sina [machine translation]

<https://finance.sina.cn/2019-12-31/detail-iihnzakh1074832.d.html?from=wap>

Wuhan unexplained pneumonia has been isolated test results will be announced [as soon as available]

On the evening of [30 Dec 2019], an "urgent notice on the treatment of pneumonia of unknown cause" was issued, which was widely distributed on the Internet by the red-headed document of the Medical Administration and Medical Administration of Wuhan Municipal Health Committee.

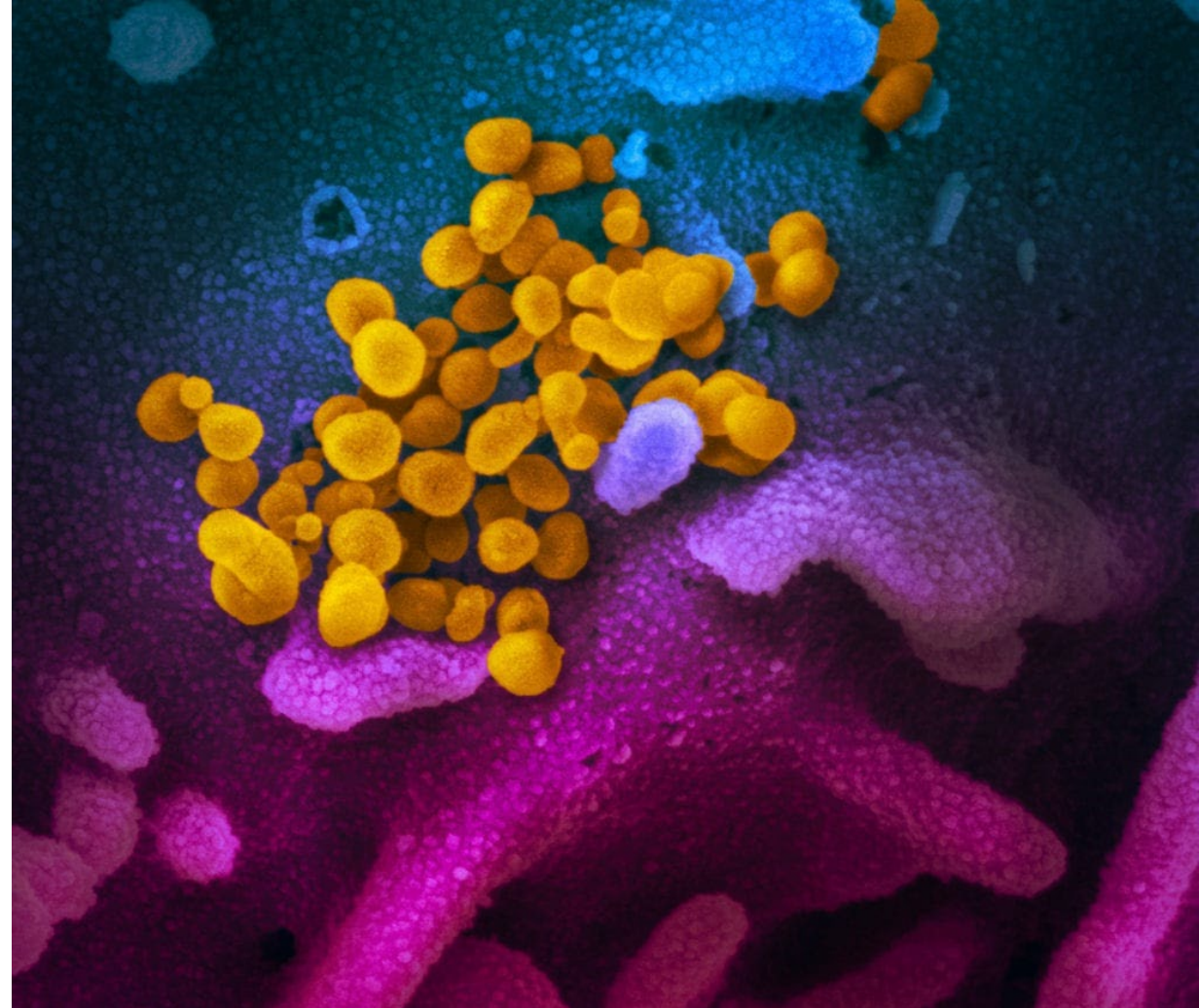
On the morning of [31 Dec 2019], China Business News reporter called the official hotline of Wuhan Municipal Health and Health Committee 12320 and learned that the content of the document is true.

12320 hotline staff said that what type of pneumonia of unknown cause appeared in Wuhan this time remains to be determined.

Call Agenda

- COVID-19 Epi Updates
- Vaccine Updates
- CDC New Variant Updates
- CDC COVID Vaccine Guidance
- TAT Updates
- Q&A

Picture Courtesy of NIAID-RML



COVID-19 Epi Summary

Worldwide: COVID-19

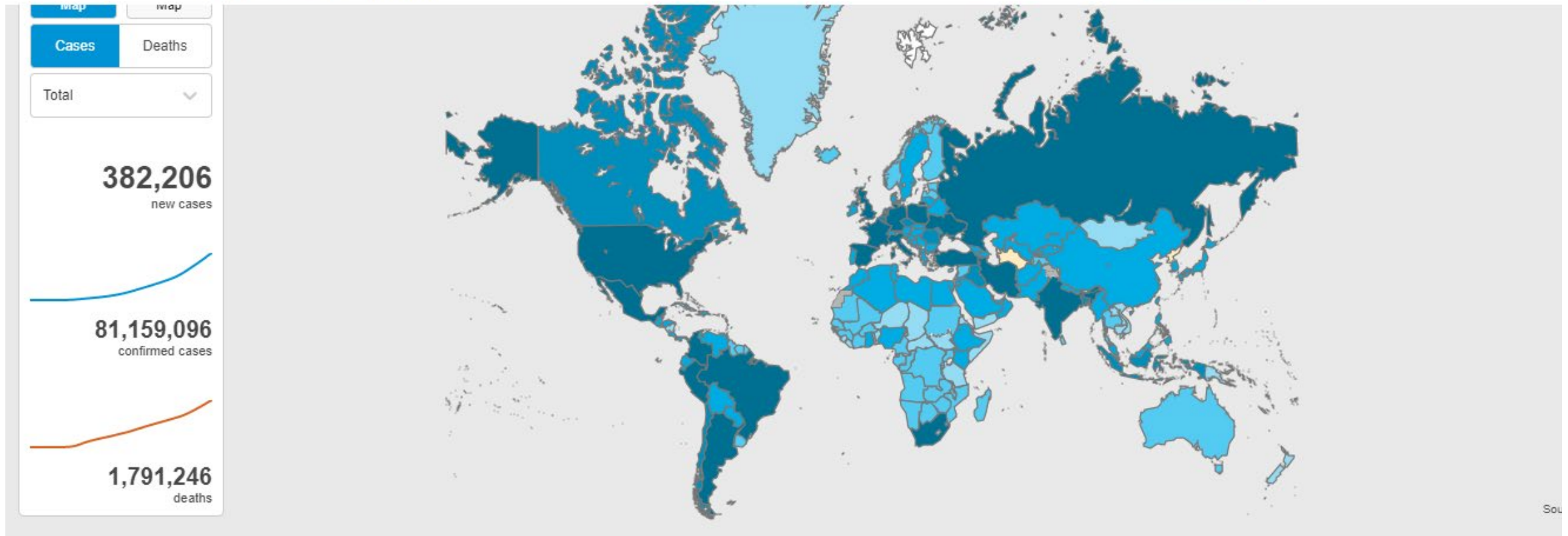
WHO Coronavirus Disease (COVID-19) Dashboard

Data last updated: 2020/12/31, 10:00am CET

[Overview](#)

[Data Table](#)

[Explore](#)

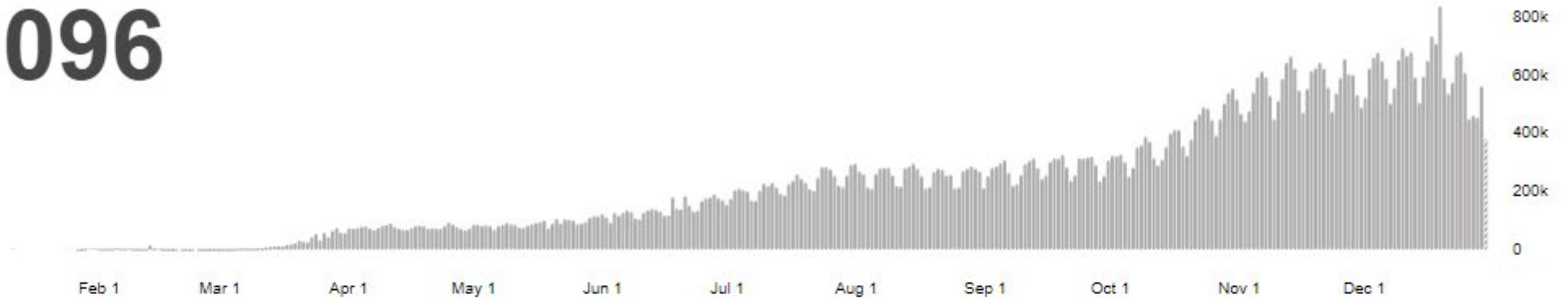


Globally, as of **10:00am CET, 31 December 2020**, there have been **81,159,096 confirmed cases** of COVID-19, including **1,791,246 deaths**, reported to WHO.

Worldwide: COVID-19

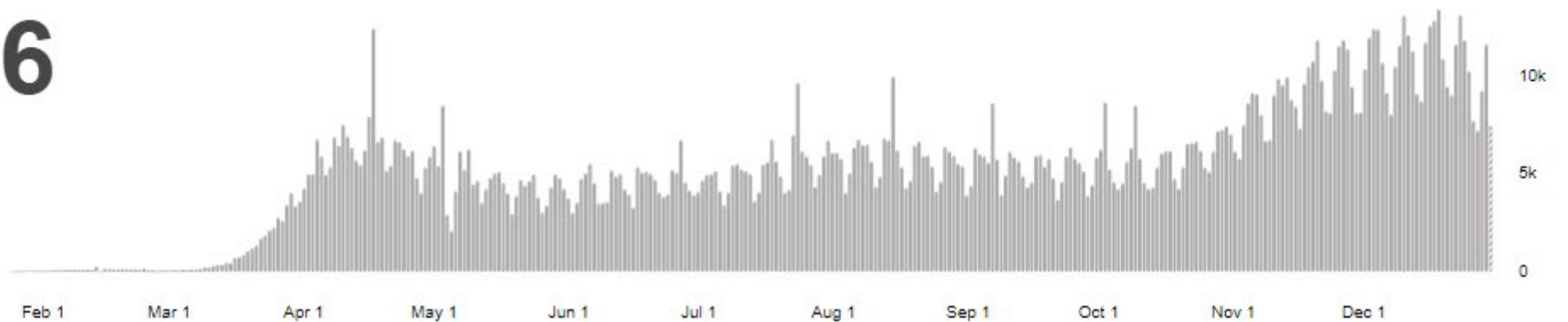
81,159,096

confirmed cases



1,791,246

deaths



Source: World Health Organization

Data may be incomplete for the most recent days

U.S.: COVID-19

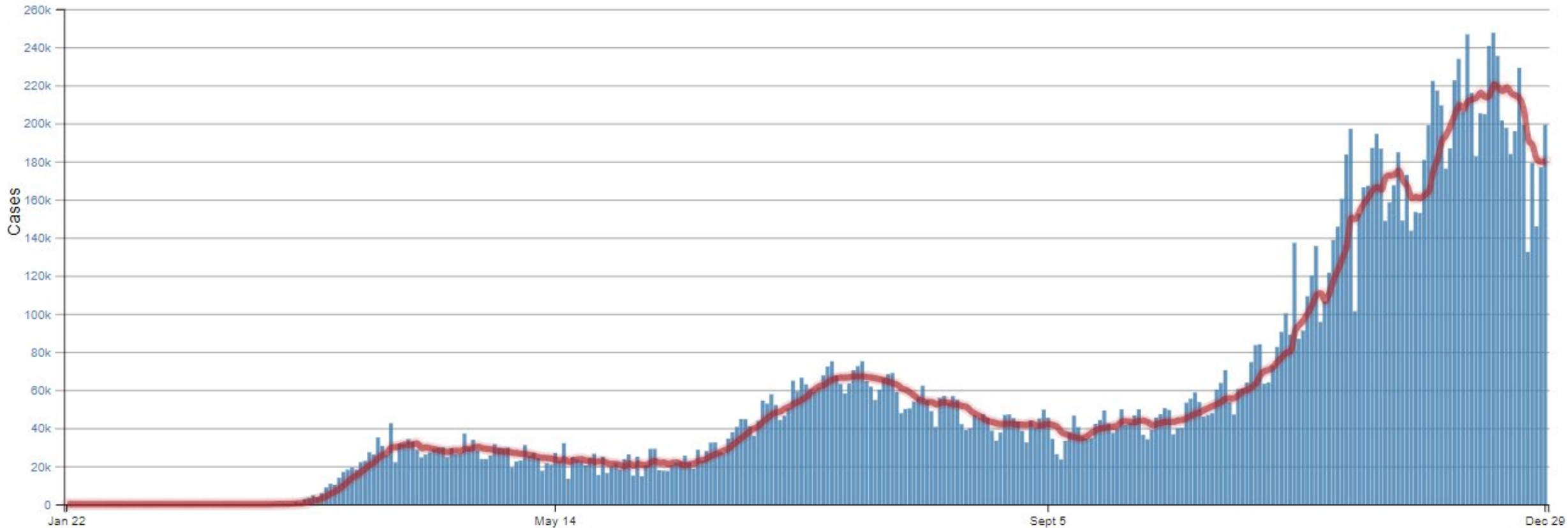
United States COVID-19 Cases and Deaths by State

Reported to the CDC since January 21, 2020



US COVID-19 Daily Trends

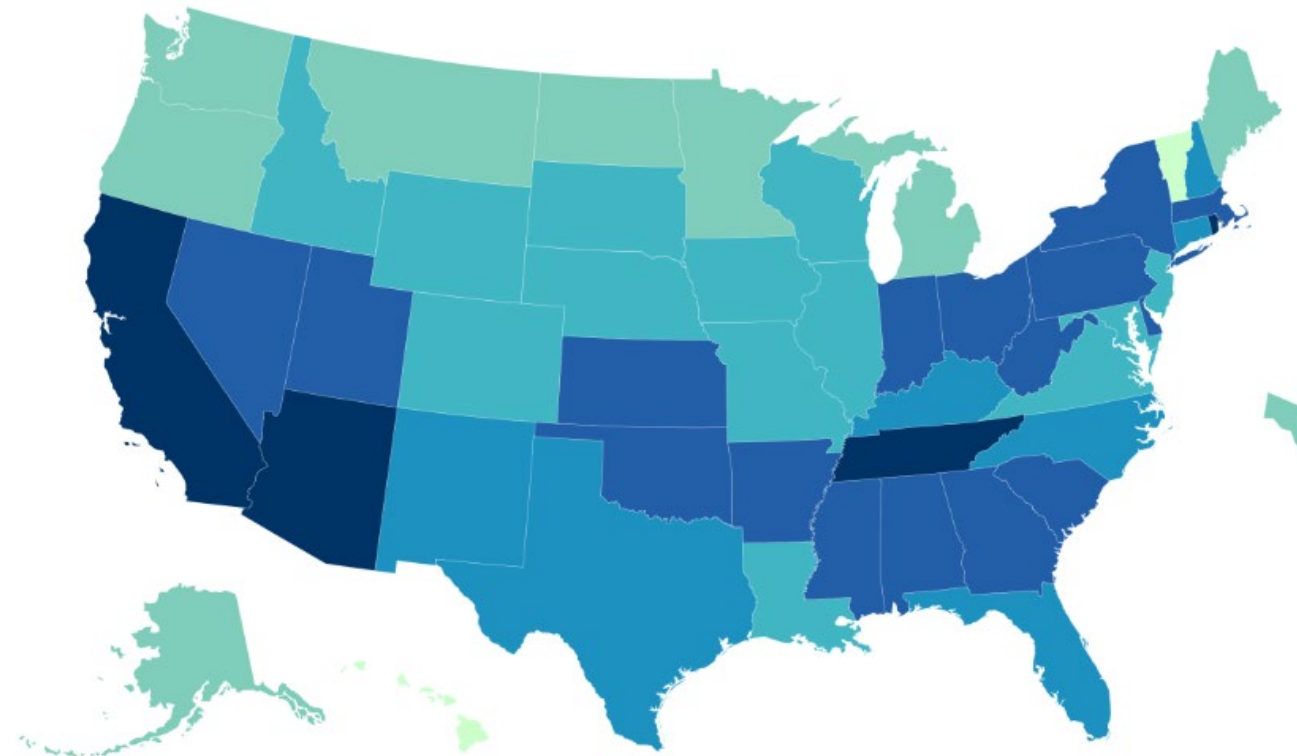
Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC



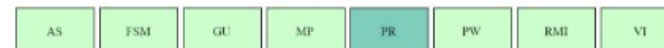
Source: CDC, <https://www.cdc.gov/covid-data-tracker/index.html#trends>,
accessed December 31, 2020

U.S.: COVID-19

Source: CDC, <https://www.cdc.gov/covid-data-tracker/index.html#trends>, accessed December 31, 2020



Territories



Average Daily Cases per 100,000 in Last 7 Days



U.S.: COVID-19

Data Table for Average Daily Cases per 100k in Last 7 Days

CDC | Updated: Dec 30 2020 5:09PM

State/Territory ↕	Average Daily Cases per 100k in Last 7 Days ↕
California	94.8
Tennessee	80.7
Arizona	78.5
Rhode Island	75.5
Arkansas	67.2
Alabama	64.1
West Virginia	64.1
New York*	63.5
Utah	63.5
Oklahoma	63
South Carolina	62.6
Mississippi	61.1
Nevada	61
Georgia	60.8
Indiana	60.3

Source: CDC, <https://www.cdc.gov/covid-data-tracker/index.html#trends>, accessed December 31, 2020

Maryland: COVID-19

Confirmed Cases

276,662

24hr Change: +2,973

Persons Tested Negative

2,525,806

24hr Change: +8,950

Testing Volume

5,708,030

24hr Change: +35,860

Testing % Positive

8.52%

24hr Change: 0.3

Confirmed Deaths

5,727

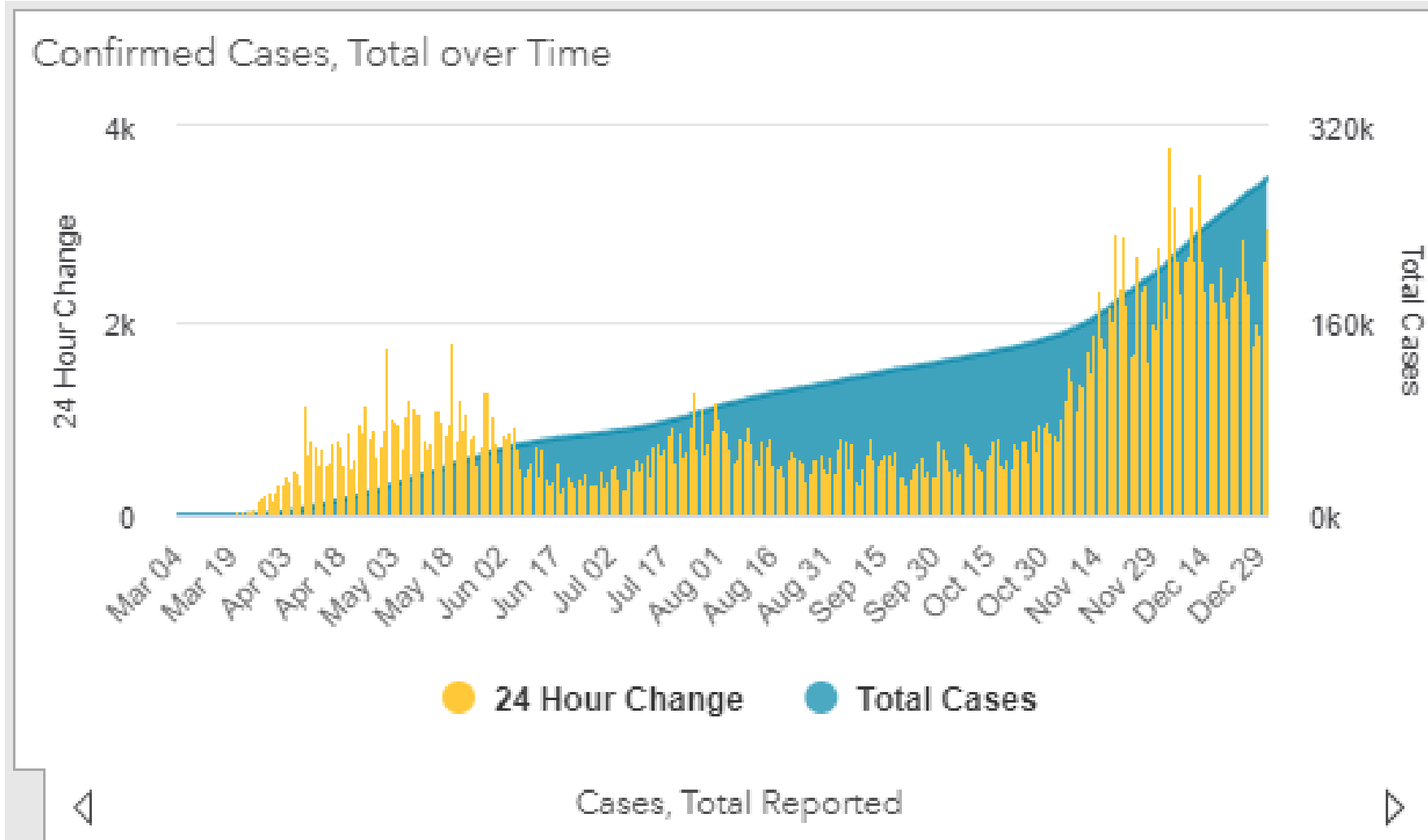
24hr Change: +46

Currently Hospitalized

1,773

24hr Change: 17

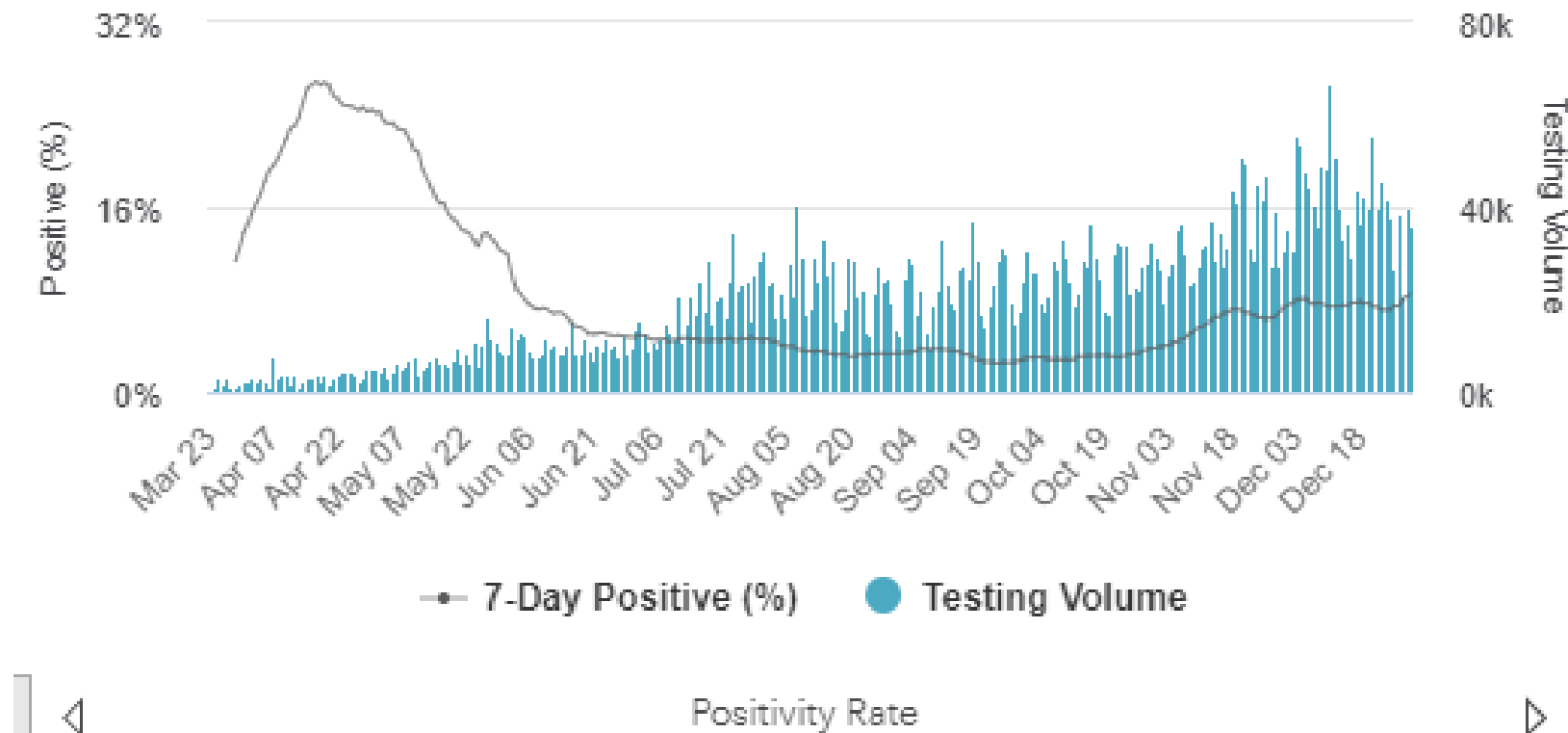
Maryland: COVID-19



Maryland: COVID-19

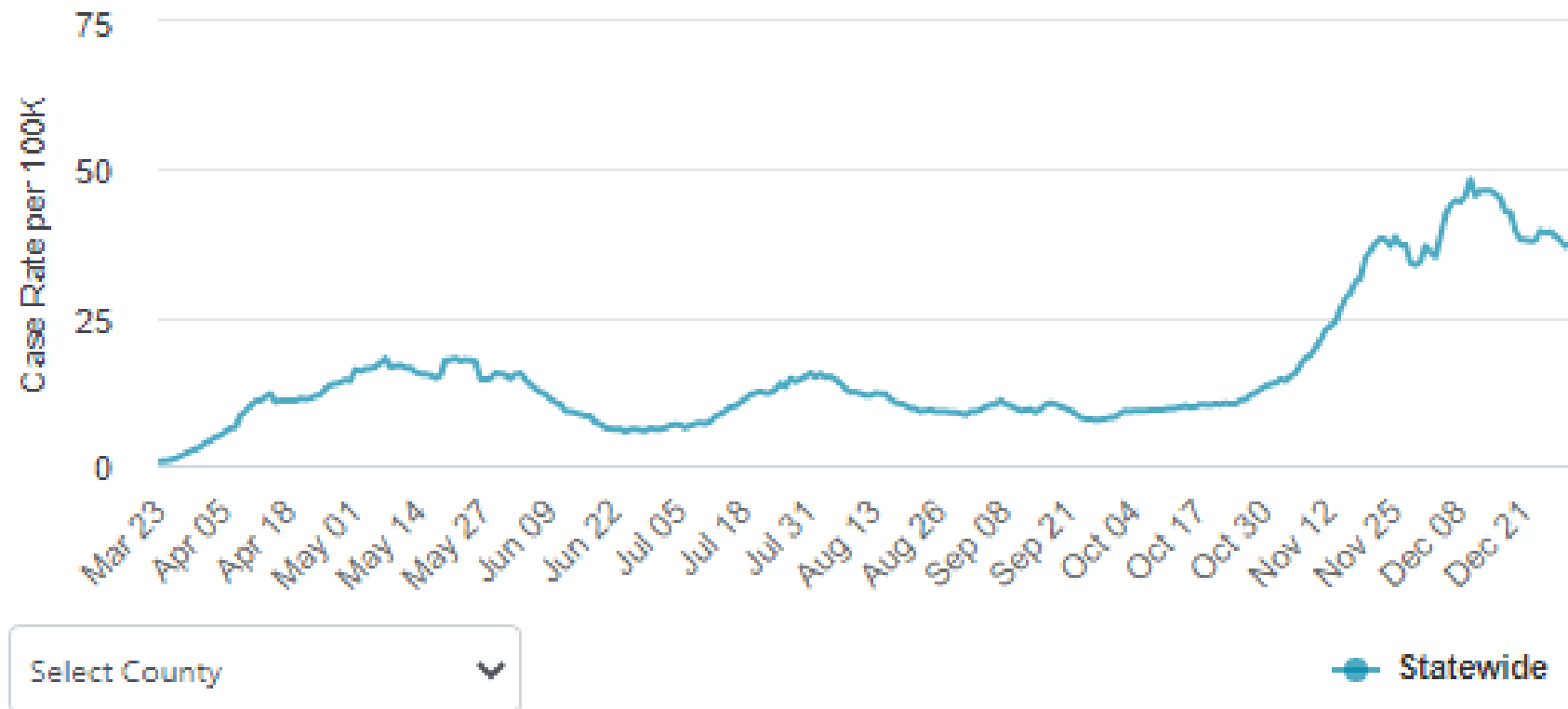
Testing Volume, Tests per Day and Percent Positive Rate (7-Day Avg)

- [Methodology](#)



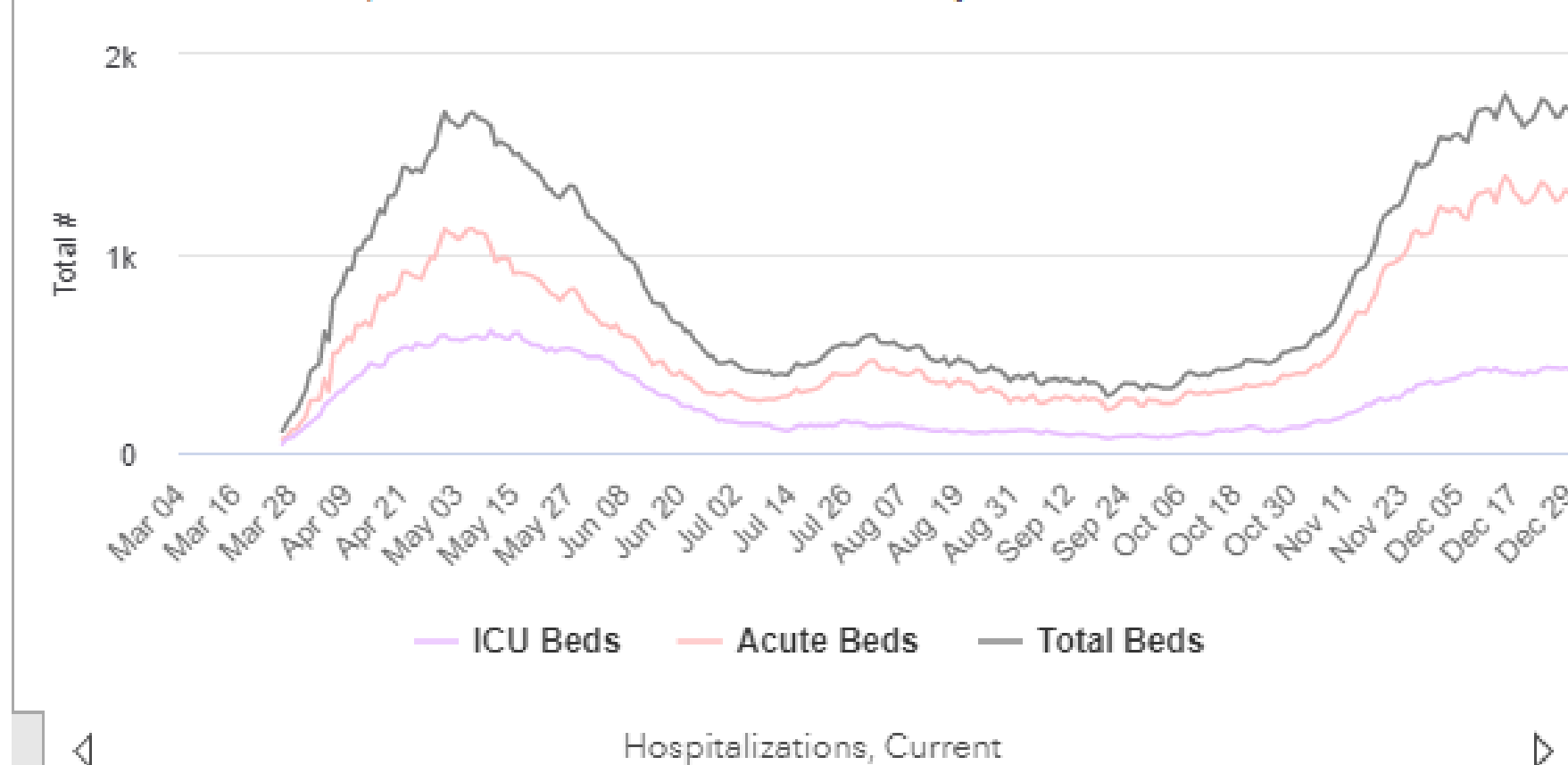
Maryland Case Rate

7 Day Moving Average Case Rate per 100K by Jurisdiction - [Full Screen View](#)



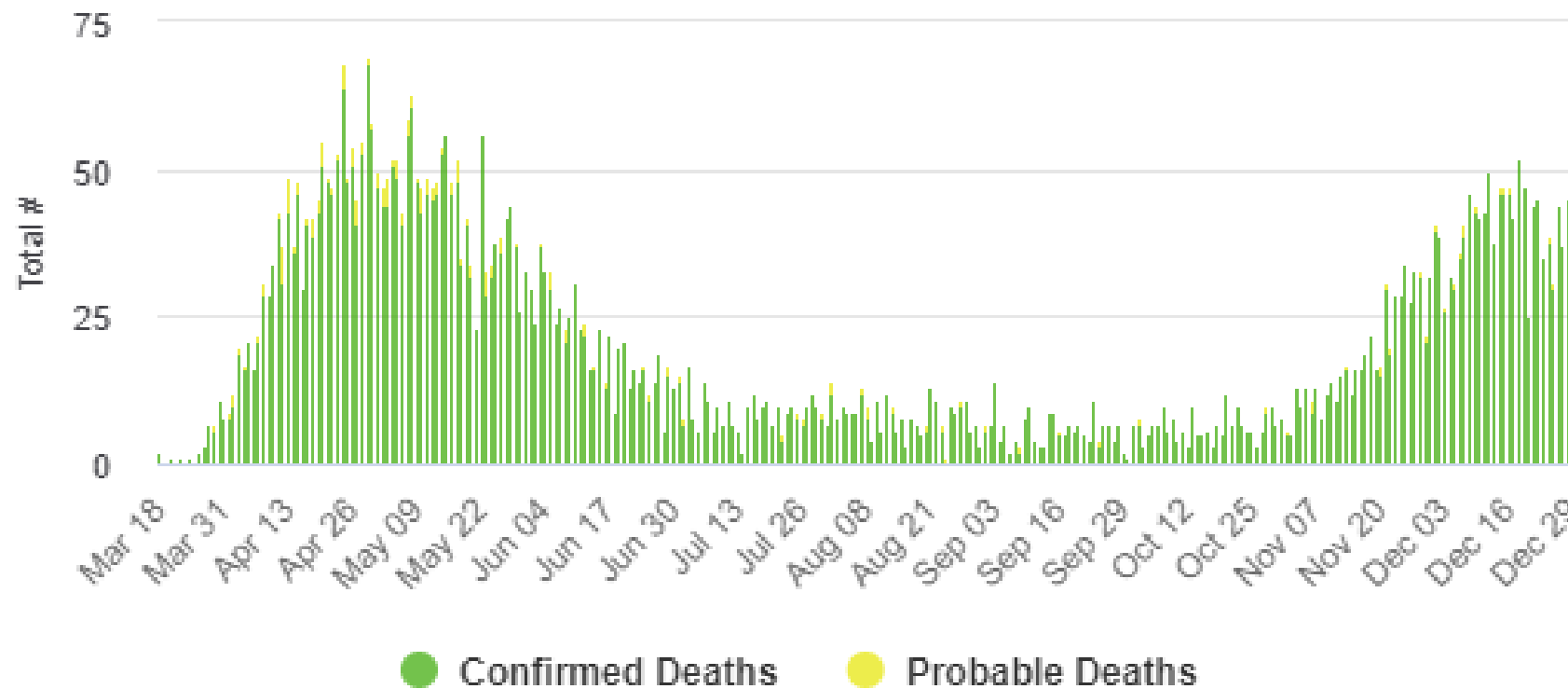
Maryland: COVID-19

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



Maryland: COVID-19

Confirmed and Probable Deaths, Totals by Date of Death



Deaths by Date of Death

COVID-19 Vaccine Updates

Kurt Seetoo, MPH

Center Chief/Program Manager

Center for Immunization

CDC Updates

CDC Scientific Brief: Implications of the Emerging SARS-CoV-2 Variant VOC 202012/01

- A new variant strain of SARS-CoV-2 that contains a series of mutations has been described in the UK and become highly prevalent in London and southeast England.
 - Mutation in the receptor binding domain of the spike protein at position 501, where amino acid asparagine (N) has been replaced with tyrosine (Y). Shorthand: N501Y, or S:N501Y.
 - This variant carries many other mutations, including a double deletion (positions 69 and 70).
- Predicted to potentially be more rapidly transmissible than other circulating strains of SARS-CoV-2.
- No evidence that this variant causes more severe illness or increased risk of death.

**CENTERS FOR DISEASE CONTROL AND PREVENTION
DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**ORDER UNDER SECTION 361
OF THE PUBLIC HEALTH SERVICE ACT (42 U.S.C. § 264)
AND 42 CODE OF FEDERAL REGULATIONS §§ 71.20 & 71.31(b)**

**REQUIREMENT FOR NEGATIVE PRE-DEPARTURE COVID-19 TEST RESULT
FOR ALL AIRLINE PASSENGERS ARRIVING INTO THE UNITED STATES
FROM THE UNITED KINGDOM (UK)**

- In effect December 27 at 7:01 PM (EST)
- Requires proof of a negative COVID-19 test for all air passengers (aged 2 years and older) arriving from the UK to the US

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/testing-UK-air-travelers.html>

First Case Detected in the USA

- Reported 12/29/2020
- Elbert County, Colorado (Southeast of Denver)
- Male in his 20s
- No travel history
- No known contacts with travel
- 12/30- second case detected in CO
- 12/30- case detected in CA

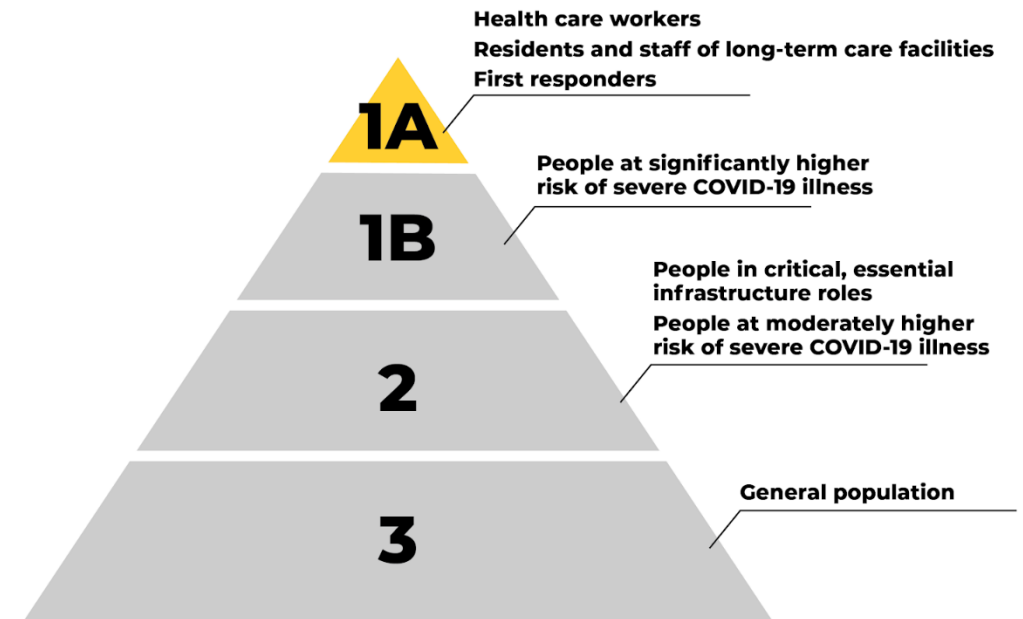
Updates on Strategies for Optimizing Glove Supply

- Revised the table on gloves conforming to international standards
- Added language to the section on prioritizing the use of gloves
- Added clarifications on extended use of gloves
- Added clarifications on sanitizing gloved hands

Maryland Updates

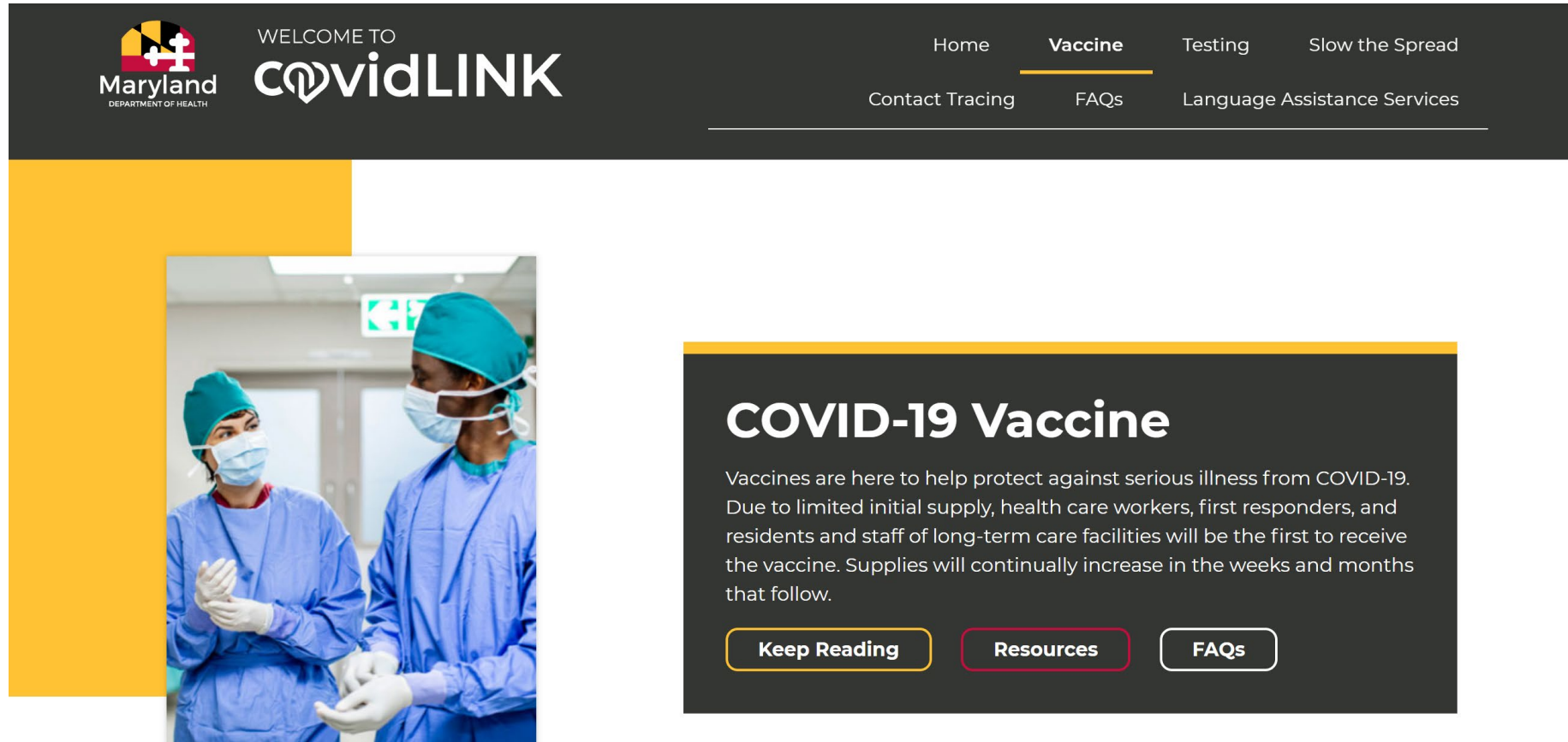
Vaccinations begin in Maryland

- Dec 28th press release announced phase 1A of vaccinations in Maryland
- “This week’s COVID-19 vaccine allocations will allow our first responders to begin getting vaccinated and help keep them safe while they keep us safe,” said Governor Larry Hogan. “This is another important step as we make our way through the initial phase of our statewide vaccination plan.”

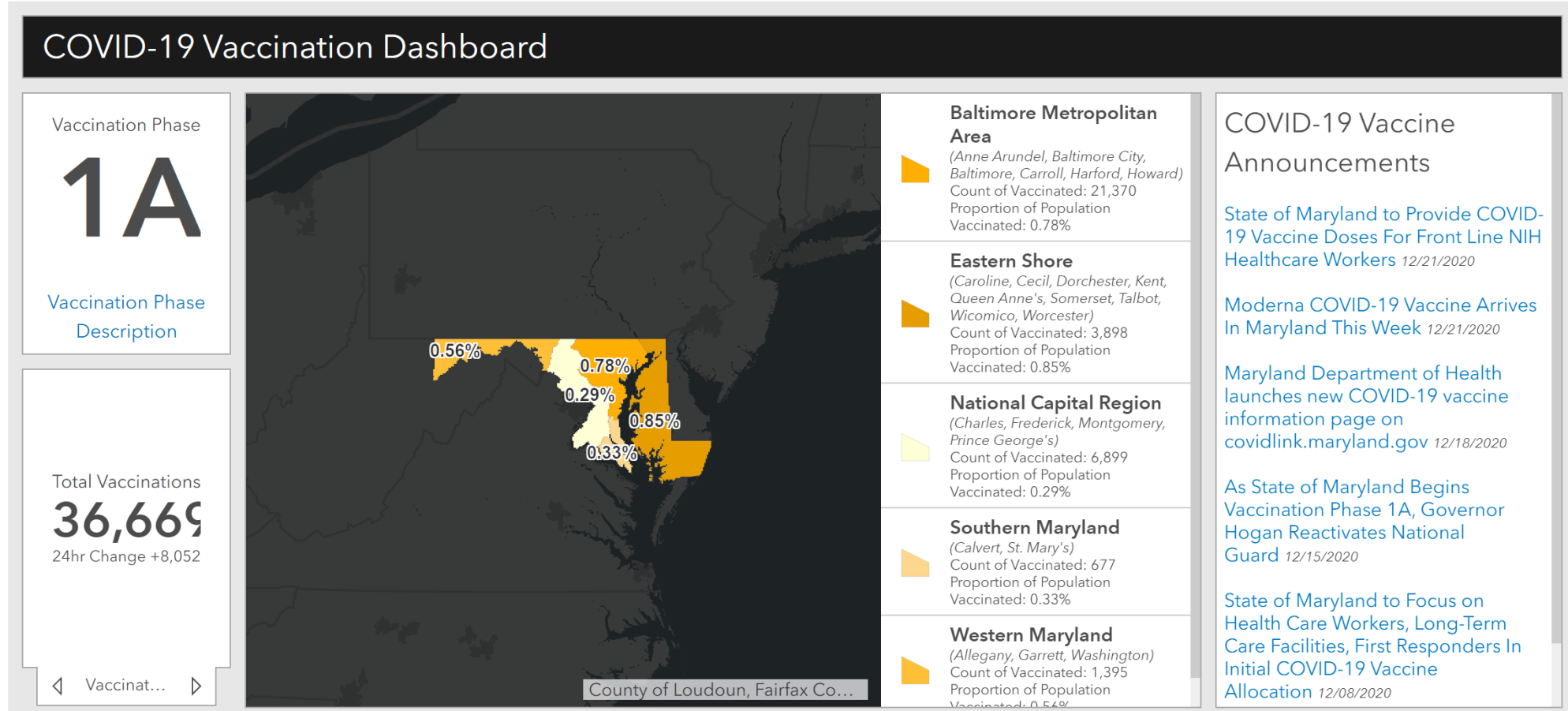


<https://governor.maryland.gov/2020/12/28/covid-19-vaccinations-at-maryland-hospitals-nursing-homes-and-local-health-departments-continue-this-week/>

Launch of Maryland Vaccine Website



Launch of Maryland Vaccine Dashboard



FAQs

Q1. Can I admit COVID positive patients from the hospital to the COVID unit?

- Yes- patients who are discharged from the hospital who have not yet met the criteria to discontinue transmission based precautions may be admitted directly to the COVID unit
- Residents should remain on isolation in the COVID unit until they meet criteria to discontinue precautions

Q2. What about residents who are testing positive more than 90 days after their original infection?

- We are hearing more instances of people testing positive a second time more than 90 days out, often with high CT values
- Do these cases represent potentially infectious reinfection or prolonged non-infectious RNA shedding?
- We don't know
- Since we don't know, treating these cases as potentially infectious for ICP decisions until proven otherwise
- Stay tuned, more science to come

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/duration-isolation.html>

Q3. Should staff be wearing gloves on the COVID unit?

- Gloves should only be worn to provide care to residents:
 - Who are on isolation after testing positive for COVID-19
 - Who are on observation after a new admission or a close contact
 - Whose care may bring staff into contact with blood or body fluids
- Gloves should be donned prior to entering the resident's room and doffed before leaving, followed by hand hygiene
- Gloves should not be reused or sanitized
- Glove use does not replace hand hygiene

Q4. Is it possible to have an outbreak in Independent Living

- Independent living and senior housing fall under the “congregate community setting” definition
- 5 resident cases within 14 days
- If you have a facility that meets this definition contact your local health department

<https://www.cdc.gov/coronavirus/2019-ncov/community/retirement/considerations.html>

Questions?

MDH.IPCOVID@Maryland.gov