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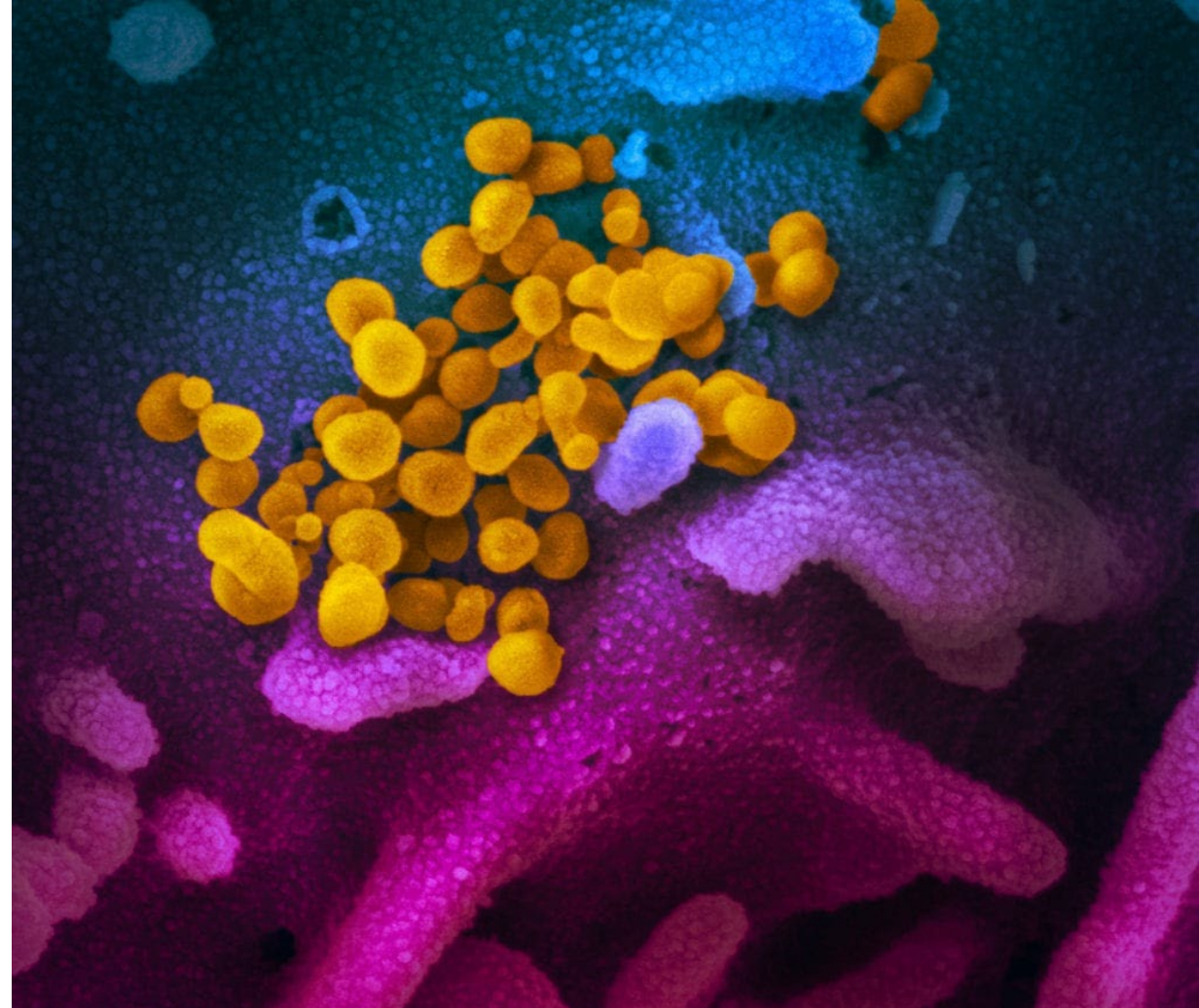
Maryland Department of Health

Infectious Disease Epidemiology and Outbreak Response Bureau
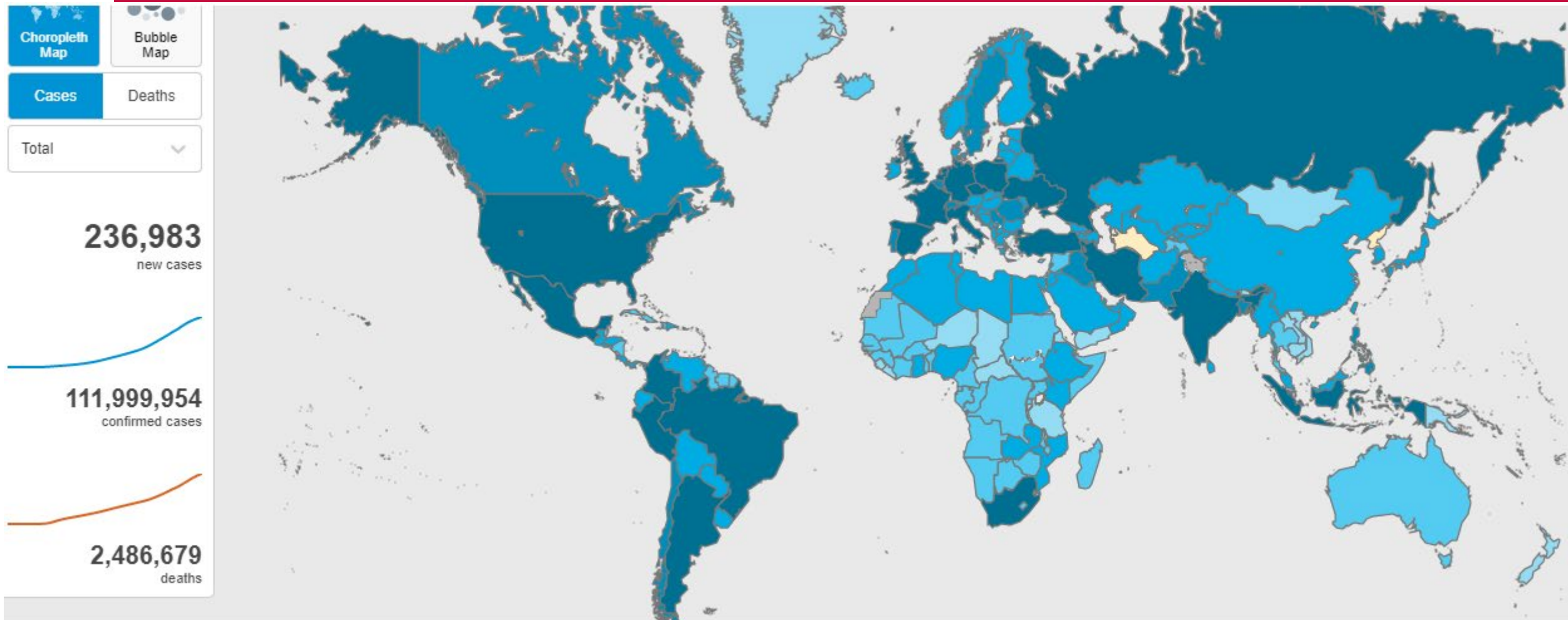
February 25th, 2021

Call Agenda

- Maryland Epi Updates
- FDA Updates
- FAQs

COVID-19 Epi Summary

Worldwide: COVID-19

Choropleth Map | Bubble Map

Cases | Deaths

Total

236,983 new cases

111,999,954 confirmed cases

2,486,679 deaths

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Source: https://covid19.who.int/ accessed February 25, 2021

NEW CDC Resource

U.S.: COVID-19

United States COVID-19 Cases and Deaths by State

Maps, charts, and data provided by the CDC, updated daily by 8 pm ET[†]

| TOTAL CASES	AVERAGE DAILY CASES PER 100K IN LAST 7 DAYS	TOTAL DEATHS
28,065,327	**19.7**	**501,181**
+69,563 New Cases		+2,130 New Deaths

CDC | Updated: Feb 24 2021 2:44PM

Source: CDC, https://covid.cdc.gov/covid-data-tracker/#cases_casesper100klast7days, accessed February 25, 2021

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Daily US Trends in COVID-19 Cases

Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC
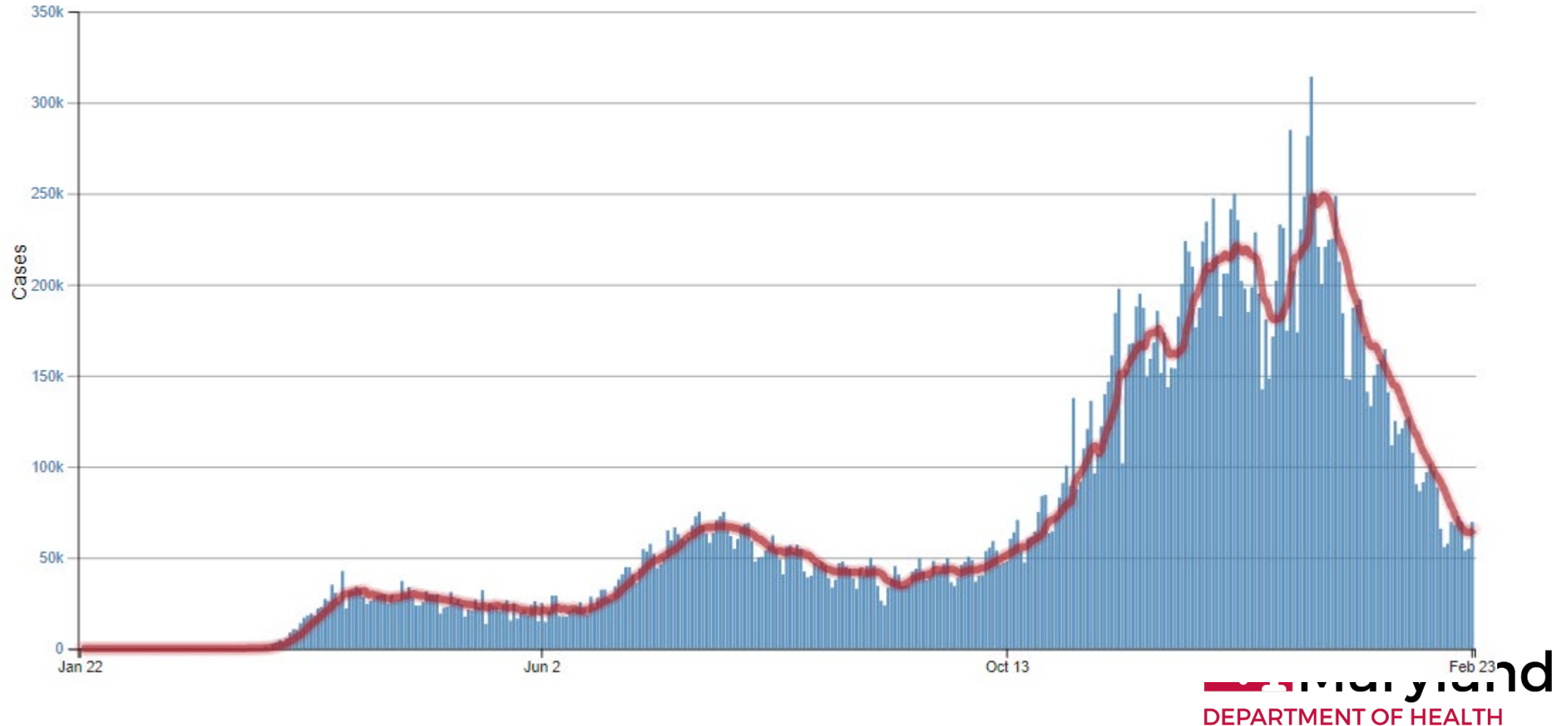
Source: CDC, https://www.cdc.gov/covid-data-tracker/index.html#trends, accessed February 25, 2021

US: COVID-19 Vaccinations

Total Vaccine Doses

Delivered	88,669,035
Administered	66,464,947

Learn more about the distribution of vaccines.

People Vaccinated	Receiving 1 or More Doses	Receiving 2 Doses
Total	45,237,143	20,607,261
% of Total Population	13.6%	6.2%
Population ≥ 18 Years of Age	44,116,020	20,132,153
% of Population ≥ 18 Years of Age	17.3%	7.9%

Read more about how these data are reported.

CDC | Data as of: Feb 24 2021 6:00am ET | Posted: Feb 24 2021 2:44PM ET

Source: https://covid.cdc.gov/covid-data-tracker/#vaccinations accessed February 25, 2021

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US COVID-19 Vaccinations

Daily Count of Total Doses Administered and Reported to the CDC by Date Administered, United States

https://covid.cdc.gov/covid-data-tracker/#vaccination-trends accessed 2/25/21

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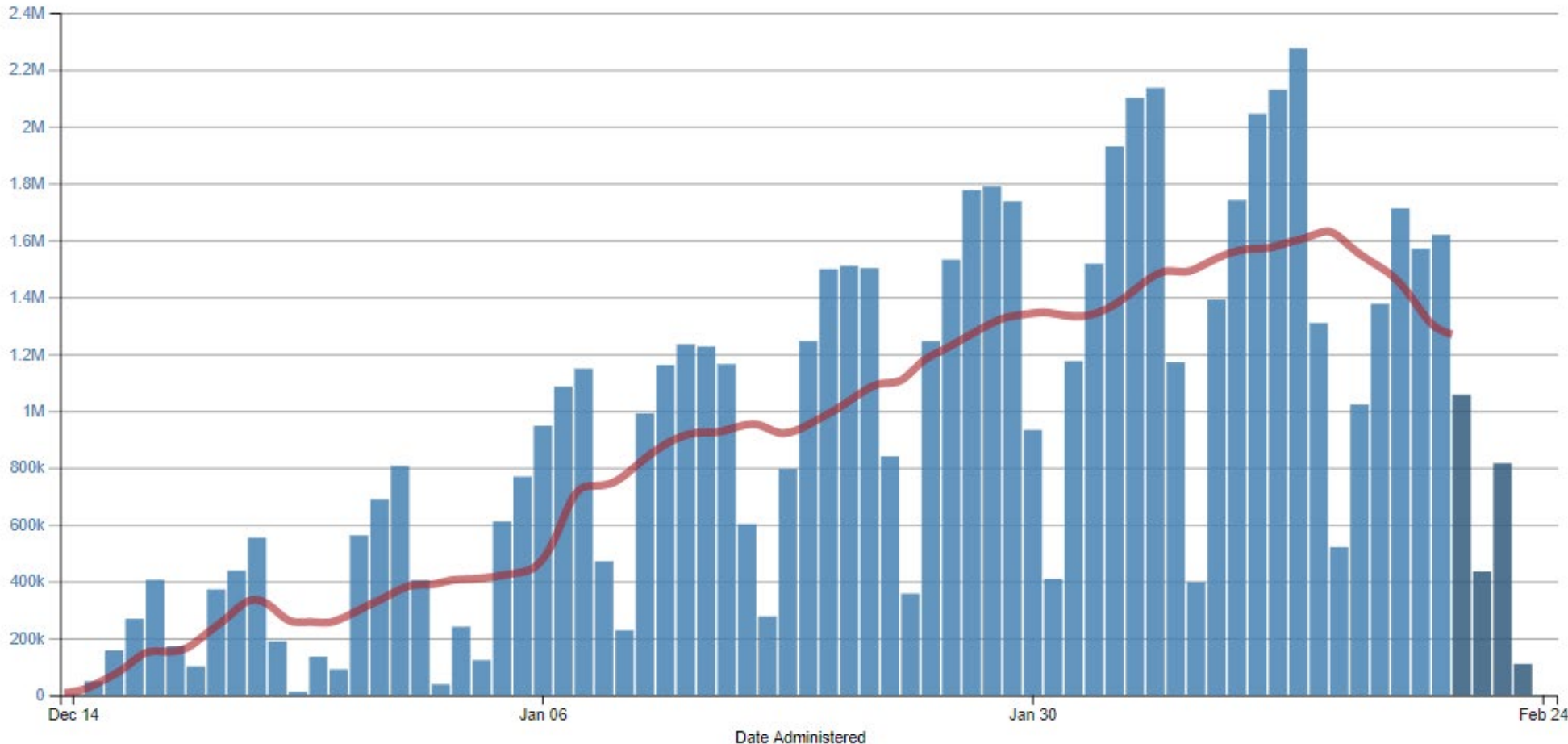
Federal Pharmacy Partnership for Long-Term Care Program Data

Overall US COVID-19 Vaccine Distribution and Administration; Maps, charts, and data provided by the CDC, updated daily by 8 pm ET[T]

Total Number of Doses Administered in Long-Term Care Facilities	Number of People with 1 or More Doses in Long-Term Care Facilities	Number of People with 2 Doses in Long-Term Care Facilities
6,724,310	4,496,023	2,194,224

CDC | Data as of: Feb 24 2021 6:00am ET | Posted: Feb 24 2021 2:44PM ET

Number of People with 1 or More Doses in Long-Term Care Facilities

Residents 1,983,483
Staff 1,430,578
Not Reported 1,081,962

Number of People with 2 Doses in Long-Term Care Facilities

Residents 1,137,894
Staff 751,555
Not Reported 304,775

https://covid.cdc.gov/covid-data-tracker/#vaccinations-ltc accessed 2/25/21

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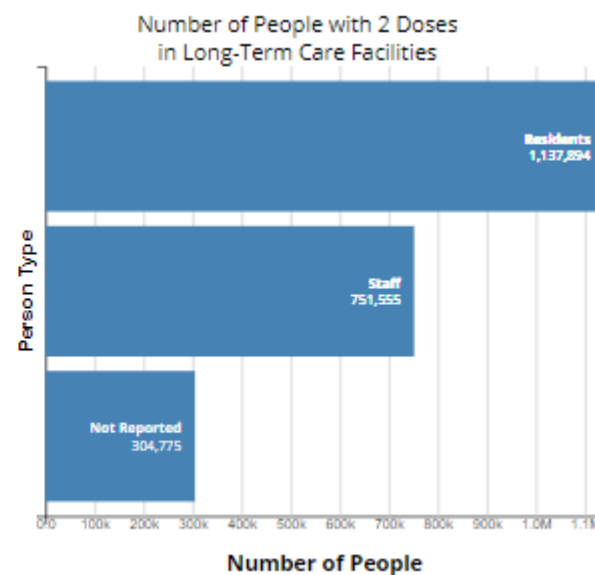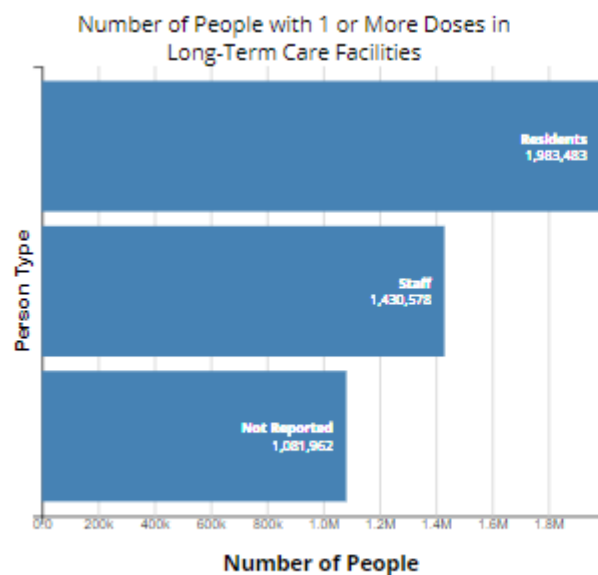
Maryland: COVID-19

Confirmed Cases	Persons Tested Negative	Testing Volume	Testing % Positive	Confirmed Deaths	Currently Hospitalized
379,466	**2,979,131**	**7,755,974**	**3.74%**	**7,623**	**952**
24hr Change: +976	24hr Change: +6,531	24hr Change: +37,734	24hr Change: -0.06	24hr Change: +16	24hr Change: -8

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021

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Maryland: COVID-19

Confirmed Cases, Total over Time

Cases, Total Reported

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021
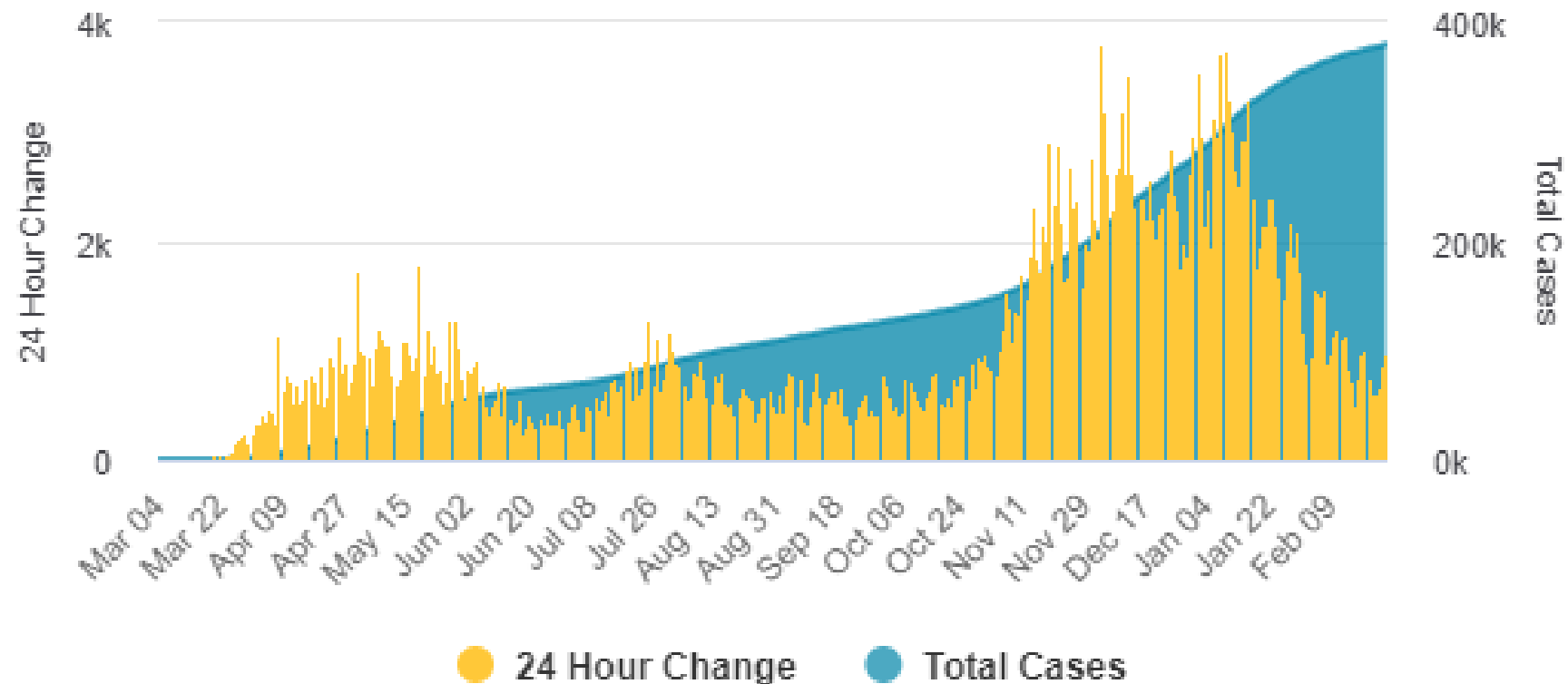
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Maryland: COVID-19

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

- Methodology

Positivity Rate

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021
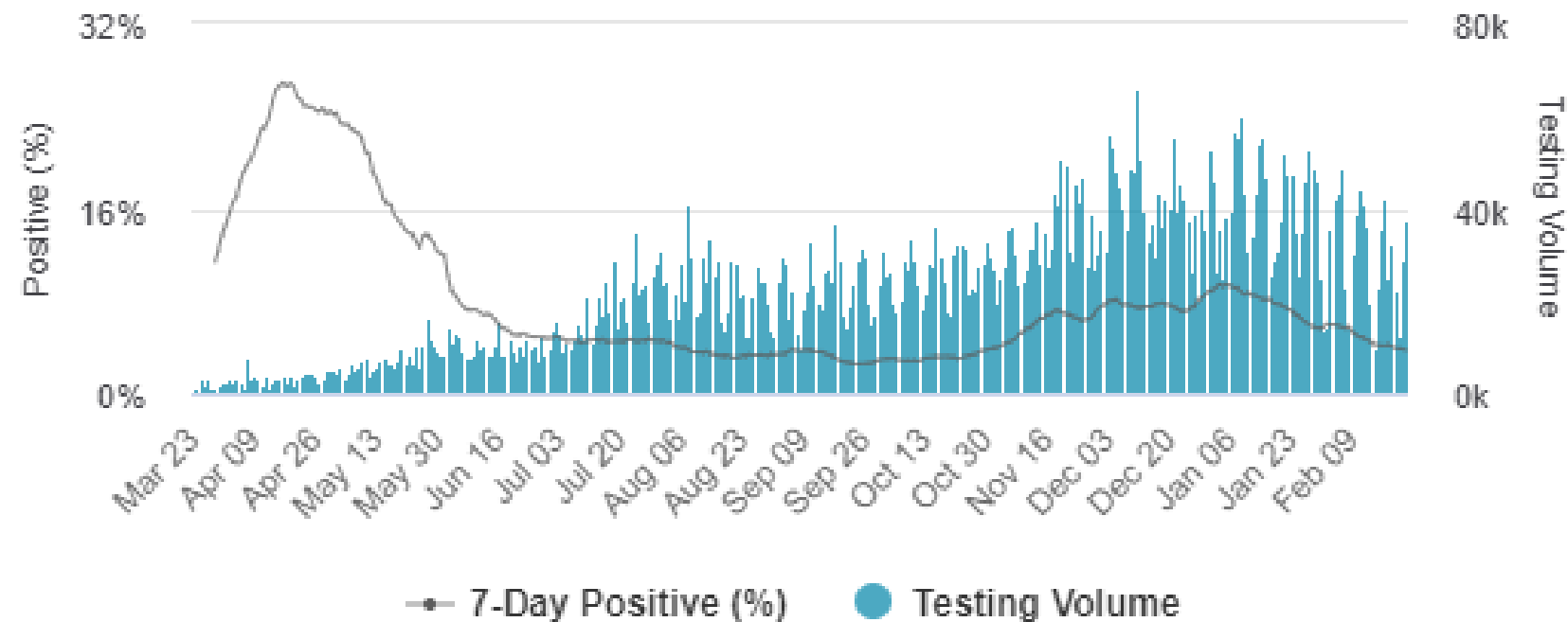
Maryland: COVID-19

7 Day Moving Average Case Rate per 100K by Jurisdiction - Full Screen View

Case Rate per 100K

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021
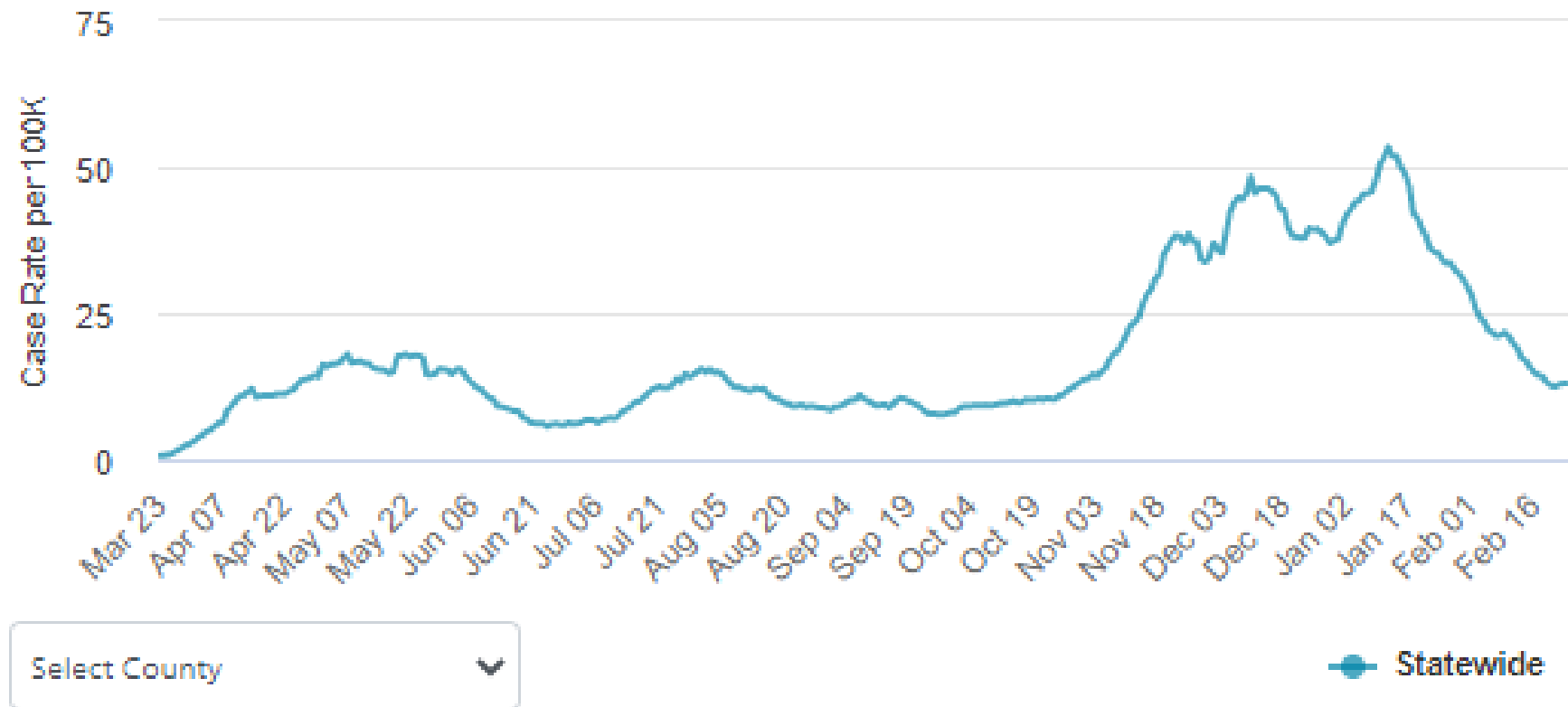
Maryland: COVID-19

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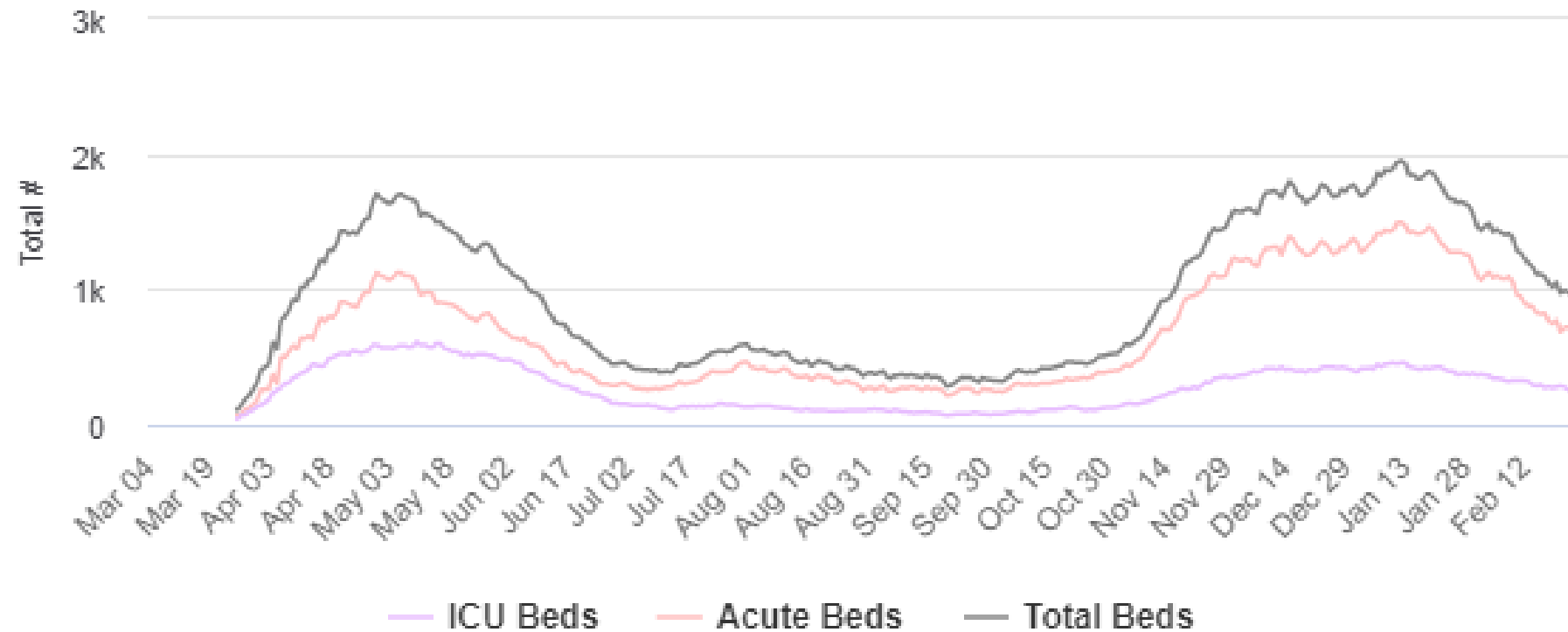
Hospitalizations, Current

ICU Beds — Acute Beds — Total Beds

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021

Maryland Hospital Capacity

COVID-19 Hospital Patients and Capacity

Hospital Capacity

- ——— 85% of Staffed Beds
- Other ICU Patients
- COVID ICU Patients
- Other Acute Patients
- COVID Acute Patients

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021
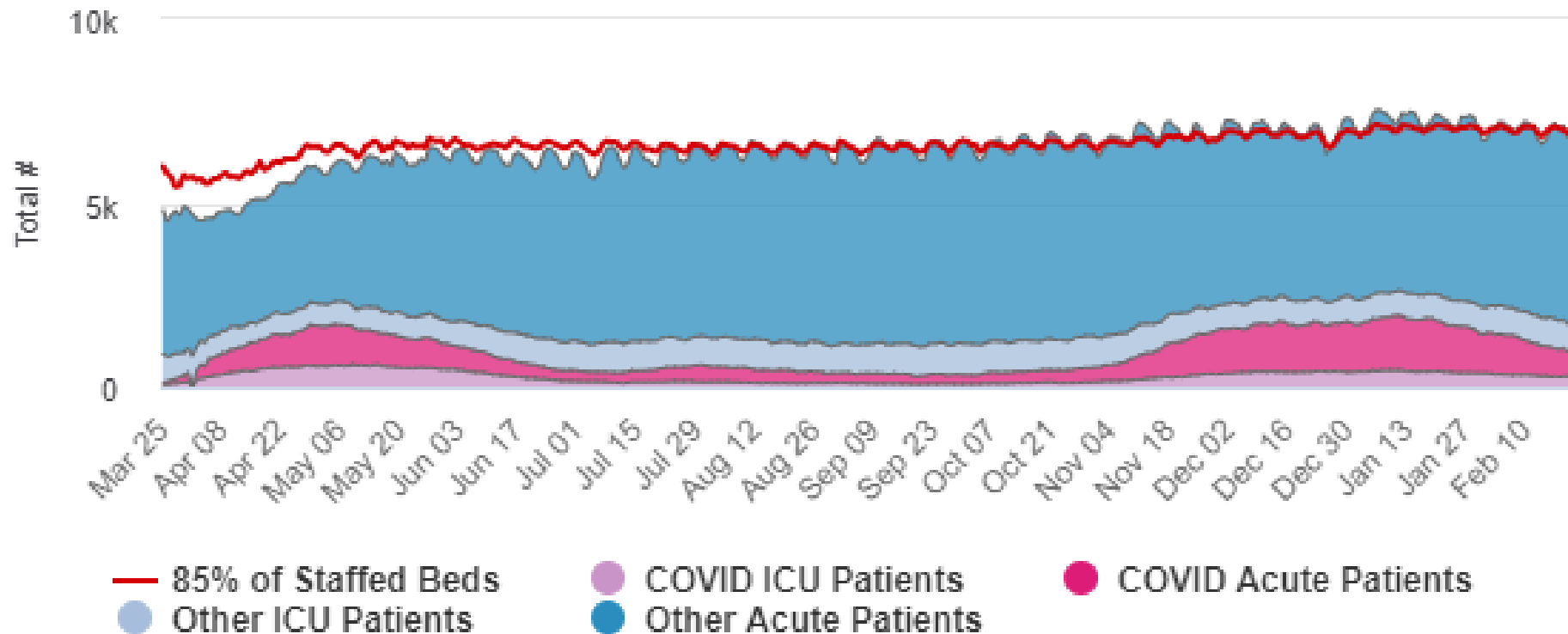
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Maryland: COVID-19

Confirmed and Probable Deaths, Totals by Date of Death

Deaths by Date of Death

● Confirmed Deaths   ● Probable Deaths

Source: https://coronavirus.maryland.gov/, accessed February 25, 2021

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Maryland: COVID-19 Seroprevalence

MD Seroprevalence Data

December 2020 (Second Half)

Seroprevalence Estimate

15.2%

95% Confidence Interval: 12.7%-17.8%

Number of Estimated Infections

913,000

95% Confidence Interval: 762,000-1,069,000

Total Number of Cases Reported by End of 12/31/2020

276,662

MD
15.2%

Delaware

Virginia

© 2021 Mapbox © OpenStreetMap

https://covid.cdc.gov/covid-data-tracker/#national-lab,
Accessed 2/23/21

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Maryland: COVID-19 Seroprevalence

Catchment Area: Statewide   Number of Samples Tested: 1,380

Age Specific Seroprevalence Estimate   Samples

Age	Estimate	Samples
0-17	19.5%	80
18-49	19.3%	466
50-64	8.5%	445
65+	6.3%	389

Sex-Specific Seroprevalence Estimate

Sex	Estimate	Samples
Male	17.8%	628
Female	12.7%	752

https://covid.cdc.gov/covid-data-tracker/#national-lab,
Accessed 2/23/21

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Variant Virus

U.S.: COVID-19 Variant Cases

Number of Cases

- ○ 0 to 0
- ○ 1 to 100
- ○ 101 to 200
- ● 201 to 300
- ● 401 to 500

Emerging Variant Cases in the United States*+
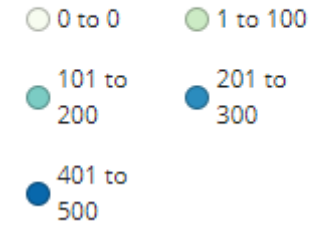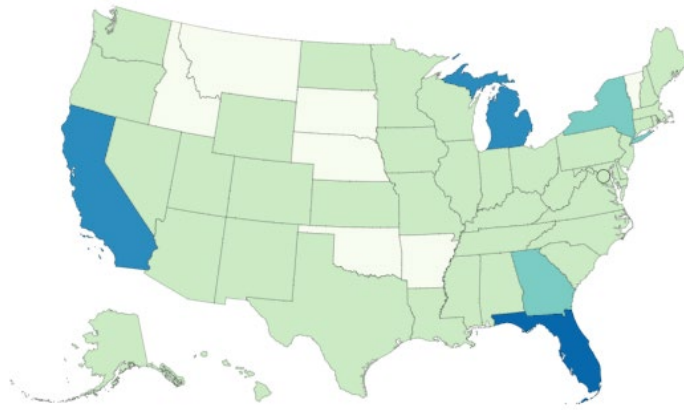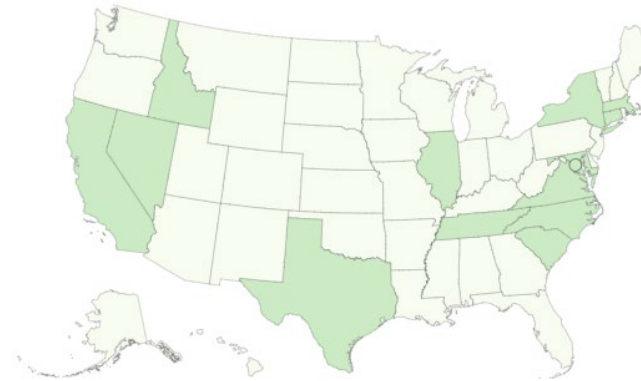
B.1.1.7

B.1.351

P.1

Territories [AS] [GU] [MH] [FM] [MP] [PW] [PR] [VI]

Territories [AS] [GU] [MH] [FM] [MP] [PW] [PR] [VI]

Territories [AS] [GU] [MH] [FM] [MP] [PW] [PR] [VI]

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U.S.: COVID-19 Variant Cases

Variant	Reported Cases in US	Number of States Reporting
B.1.1.7	1881	45
B.1.351	46	14
P.1	5	4

https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html,
Accessed 2/24/21

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Variants of Concern in Maryland

- Data as of 2/23/21
- B.1.1.7: 58 cases
- B.1.351: 9 cases
- P.1: 1 case

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Maryland Vaccine Dashboard
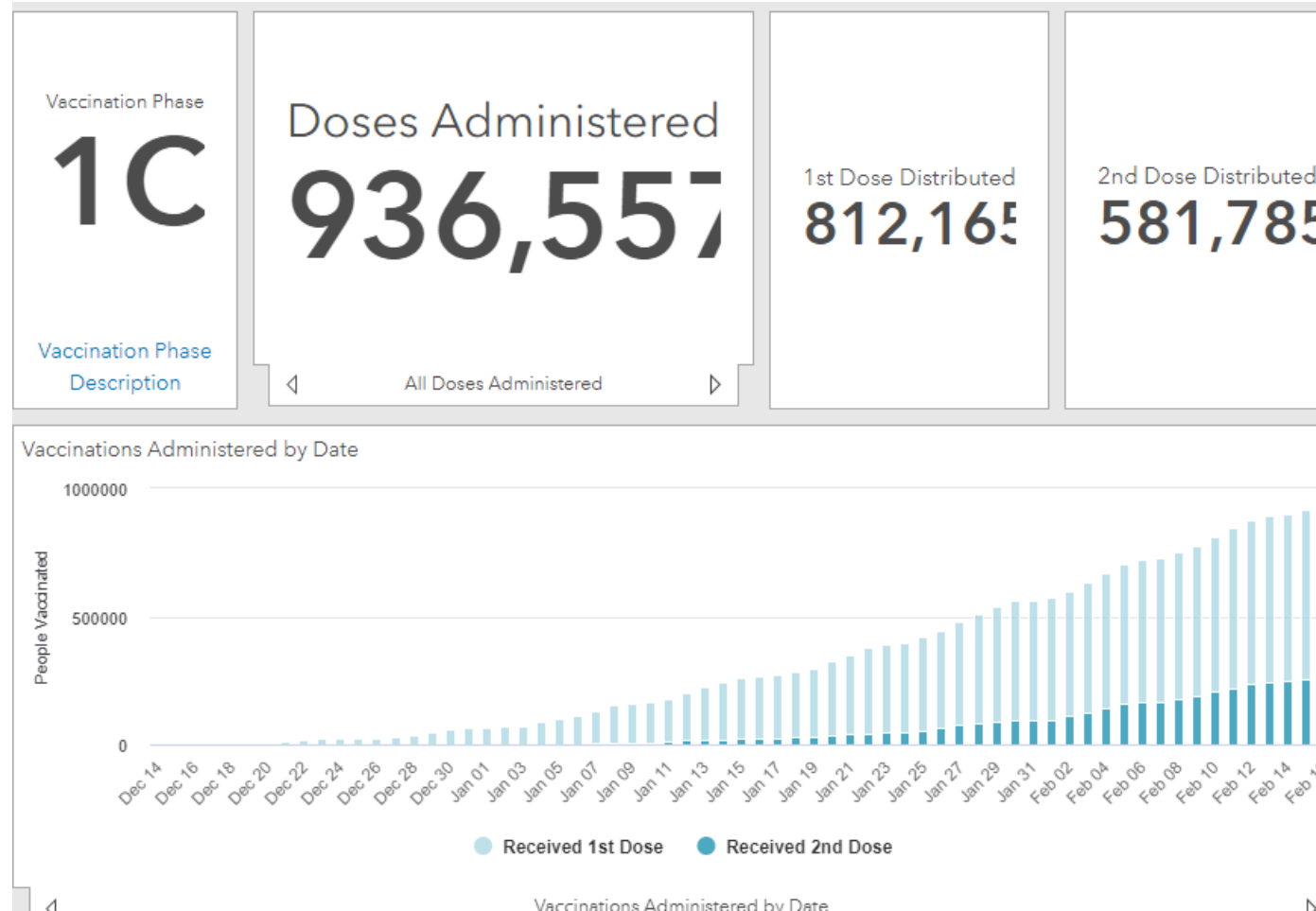
Maryland Influenza Epi Update

Week Ending February 13th, 2021

Influenza-like illness (ILI) activity in Maryland was **minimal**

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Clinical Laboratory Influenza Testing

Proportion of Positive Influenza Tests Performed by Clinical Labs

https://phpa.health.maryland.gov/influenza/Pages/flu-dashboard.aspx
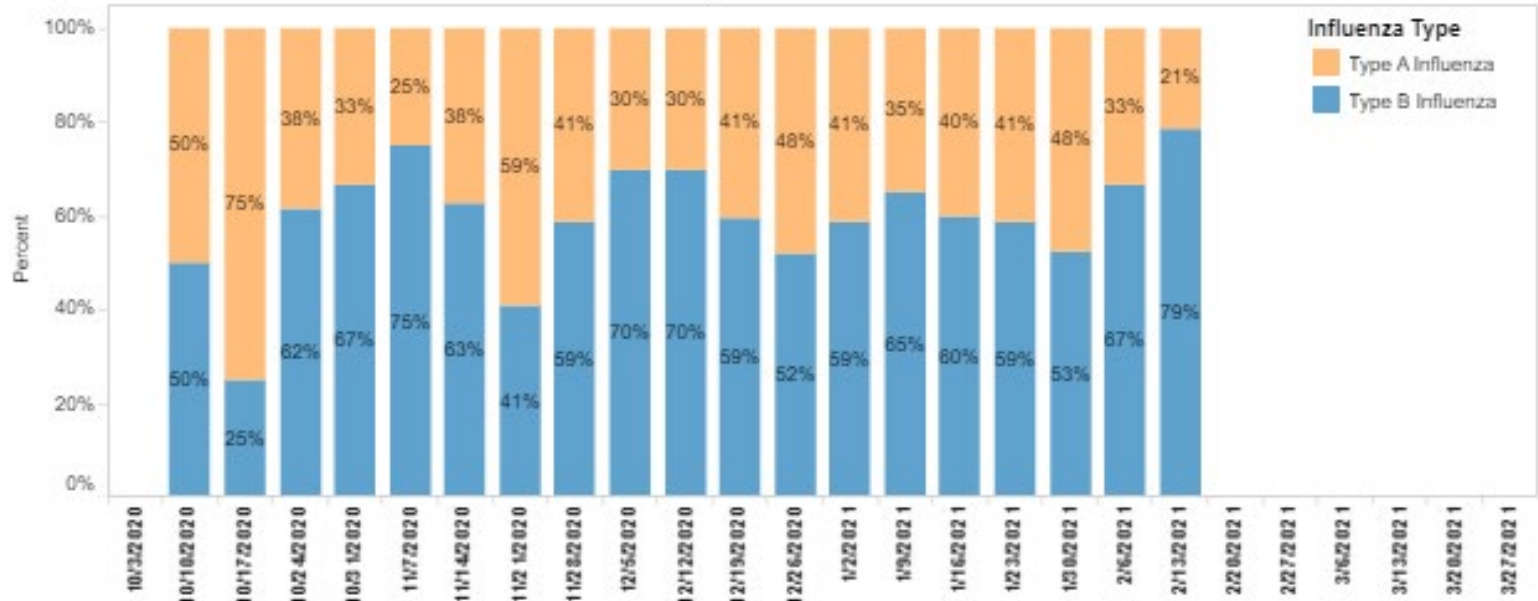
Influenza-associated Hospitalizations

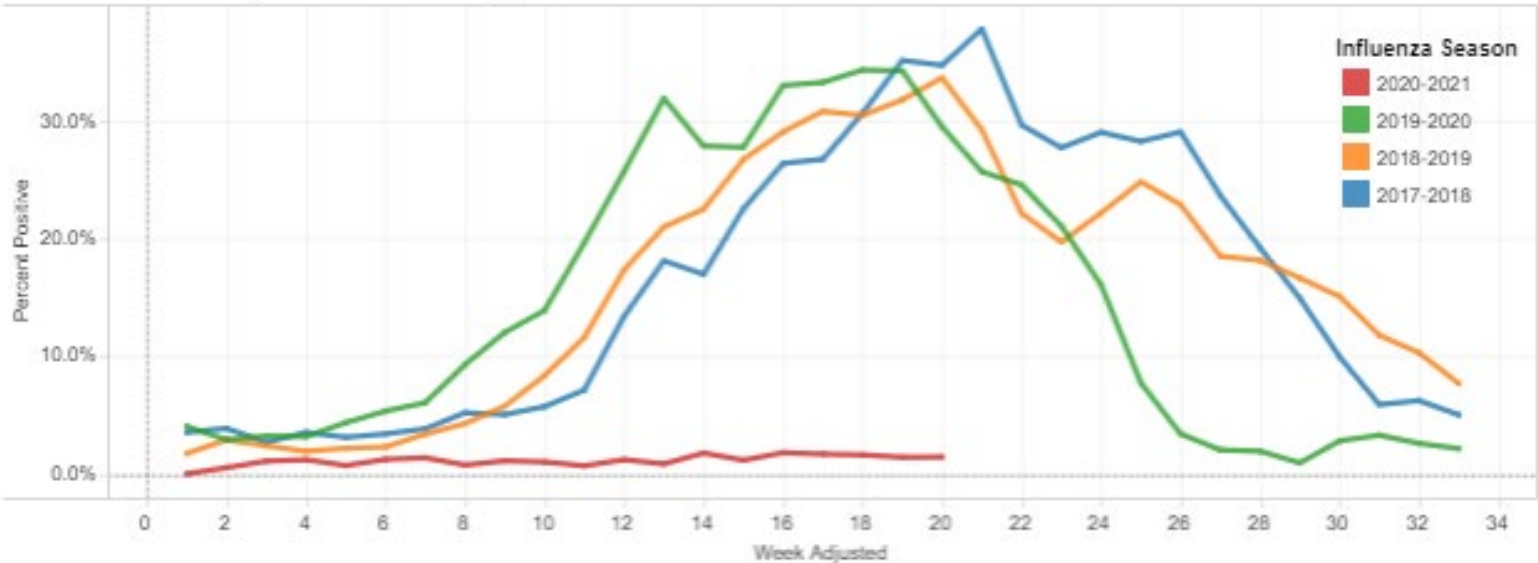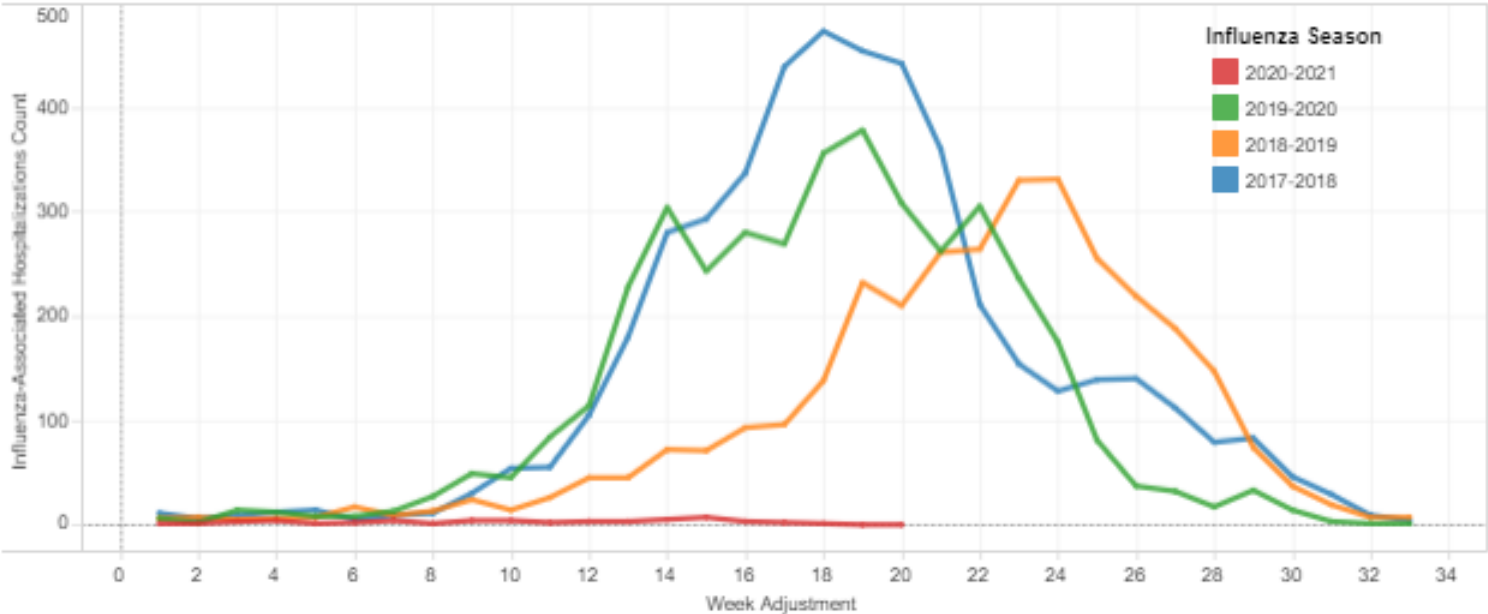
Influenza Season
- 2020-2021
- 2019-2020
- 2018-2019
- 2017-2018

Influenza-Associated Hospitalization by Age Group

Age Group	This Week Number	This Week Percent	Last Week Number	Last Week Percent	This Season Number	This Season Percent
0-4	0		0		2	4%
5-24	0		0		2	4%
25-49	0		0		11	22%
50-64	0		0		10	20%
65+	0		0		26	51%
Grand Total	0		0		51	100%

Influenza-Associated Hospitalization by Gender

Gender	
Female	29
Male	23

Influenza-Associated Hospitalization by Race

Race	
African American or Black	21
White	26
Other	5

Influenza-Associated Hospitalization by Ethnicity

Ethnicity	
Hispanic or Latino	6
Non Hispanic or Latino	46

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FDA Update

Janssen Ad26.COVs2.s Vaccine

- Data from ongoing multinational placebo control studies presented to FDA for EUA
- Single dose vaccine
- Vaccine efficacy against lab confirmed, moderate to severe COVID-19 is 66.9%
- No specific safety concerns
  - Most common side effects:
    - Injection site pain 48.6%
    - Headache 38.9%
    - Fatigue 38.2%

https://www.fda.gov/media/146217/download

FAQs

FAQ # 1 – Now that we have vaccine, when can we change HCP and resident testing, exclusion, isolation, quarantine, cohorting, visitor policy, mask use, group activities, travel, or other infection control policy?

- Vaccinated HCP and residents should continue to follow all current infection prevention and control recommendations to protect themselves and others from SARS-CoV-2 infection
- Vaccinated healthcare personnel with exposure may be allowed to work as a Contingency strategy to alleviate staffing shortages
- **Vaccinated inpatients and residents in healthcare settings should continue to quarantine following an exposure**

https://www.cdc.gov/coronavirus/2019-ncov/hcp/post-vaccine-considerations-healthcare-personnel.html

https://www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html#phrecs

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FAQ #2 Can facilities host in-person tours for potential new residents and their families?

- A facility tour would count as "visitation"

- According to the MDH Assisted Living Order it is recommended that assisted living facilities follow the CMS guidance for visitation, which includes this guidance for when visitation may be allowed, and guidance for the infection control practices that must be in place for visitation

- Under requirements for indoor visitation, "Facilities should limit movement in the facility. For example, visitors should not walk around different halls of the facility. Rather, they should go directly to the resident's room or designated visitation area. Visits for residents who share a room should not be conducted in the resident's room"

https://phpa.health.maryland.gov/Documents/2020100103_MDH_Order_Amended_Assisted_Living_Program_Matters_Order.pdf
https://www.cms.gov/files/document/qso-20-39-nh.pdf

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FAQ #3 Can AL or SNF residents leave the facility for non-essential purposes- i.e. to visit families?

- It is still not recommended that AL residents leave the facility for non- medically necessary excursions.

- While facilities can't forbid a family from taking someone out, it is with in the facility's rights to quarantine a resident who leaves the facility for a non-medically necessary, and potentially high risk activity (i.e. eating at a restaurant, or going to a family party).

https://www.cms.gov/files/document/qso-20-38-nh.pdf
https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html

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FAQ #4- Does staff symptom screening need to be verbal, or can it be a self reported written or electronic checklist?

- Best practice is to have a staff member verbally assessing staff for signs and symptoms

- Self reported signs and symptoms reported on a paper checklist or through an electronic system are acceptable

- Staff should regularly monitor the self reported data so any staff reporting signs or symptoms can be intercepted and excluded from work immediately

https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care.html

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FAQ #5- Are healthcare workers exempt from the testing and quarantine requirements after travel? What if they are vaccinated?

- There is no exemption for HCP included in the current travel restriction orders, so HCP should be tested, quarantined, and excluded from work as per the orders
  - Immediately get a COVID-19 test upon arrival in Maryland or within 72 hours before travel to Maryland.
  - Symptomatic travelers shall self-isolate upon 3 arrival or are strongly encouraged to stay at their place of origin. II.
  - Asymptomatic individuals shall self-quarantine while awaiting test results.
  - Individuals are strongly encouraged to get a second COVID-19 test within 72 hours of arrival in Maryland because of the novel coronavirus' incubation period.
  - There is an exemption for individuals who have recovered from COVID but not for vaccinated individuals
- This requirement does not apply to asymptomatic individuals who have tested positive for COVID19 in the previous 90 days and completed isolation in accordance with the CDC guidance. Note: Printed or electronic documentation of a test

https://www.mbp.state.md.us/forms/02112021ExecOrder.pdf

https://governor.maryland.gov/wp-content/uploads/2020/12/Traveler-Testing-and-Quarantine-12.17.20.pdf

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Have a question?

Email MDH.IPCOVID@maryland.gov

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