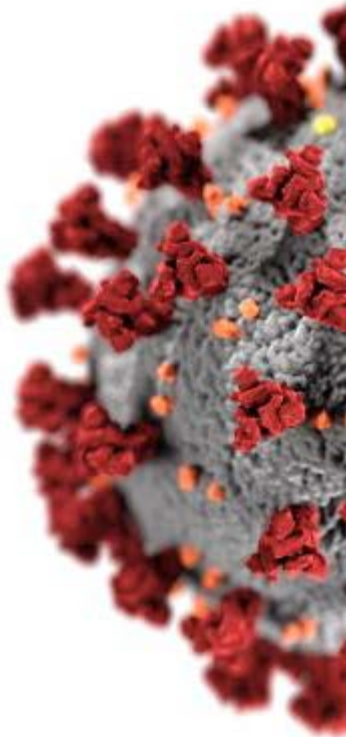


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NOVEL CORONAVIRUS (COVID-19) In Frederick County, MD

Barbara Brookmyer, MD, MPH
Frederick County Health Officer
November 24, 2020



Outline

- Symptoms
- Terms and Duration – Isolation and quarantine
- What has changed since last week
 - *Current data*
 - *Governor's Executive Order*
- Proposed regulation



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Symptoms of COVID-19

People with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. Symptoms may appear **2-14 days after exposure to the virus**. People with these symptoms may have COVID-19:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

This list does not include all possible symptoms.



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Isolation VS. Quarantine

Isolation - Infected

- Have positive COVID-19 test
- Can last 10+ days

Quarantine - Contact

- Have close, prolonged contact with someone with positive COVID-19 test
- Must last 14 days (incubation period)
- Testing negative does NOT end sooner than 14 days



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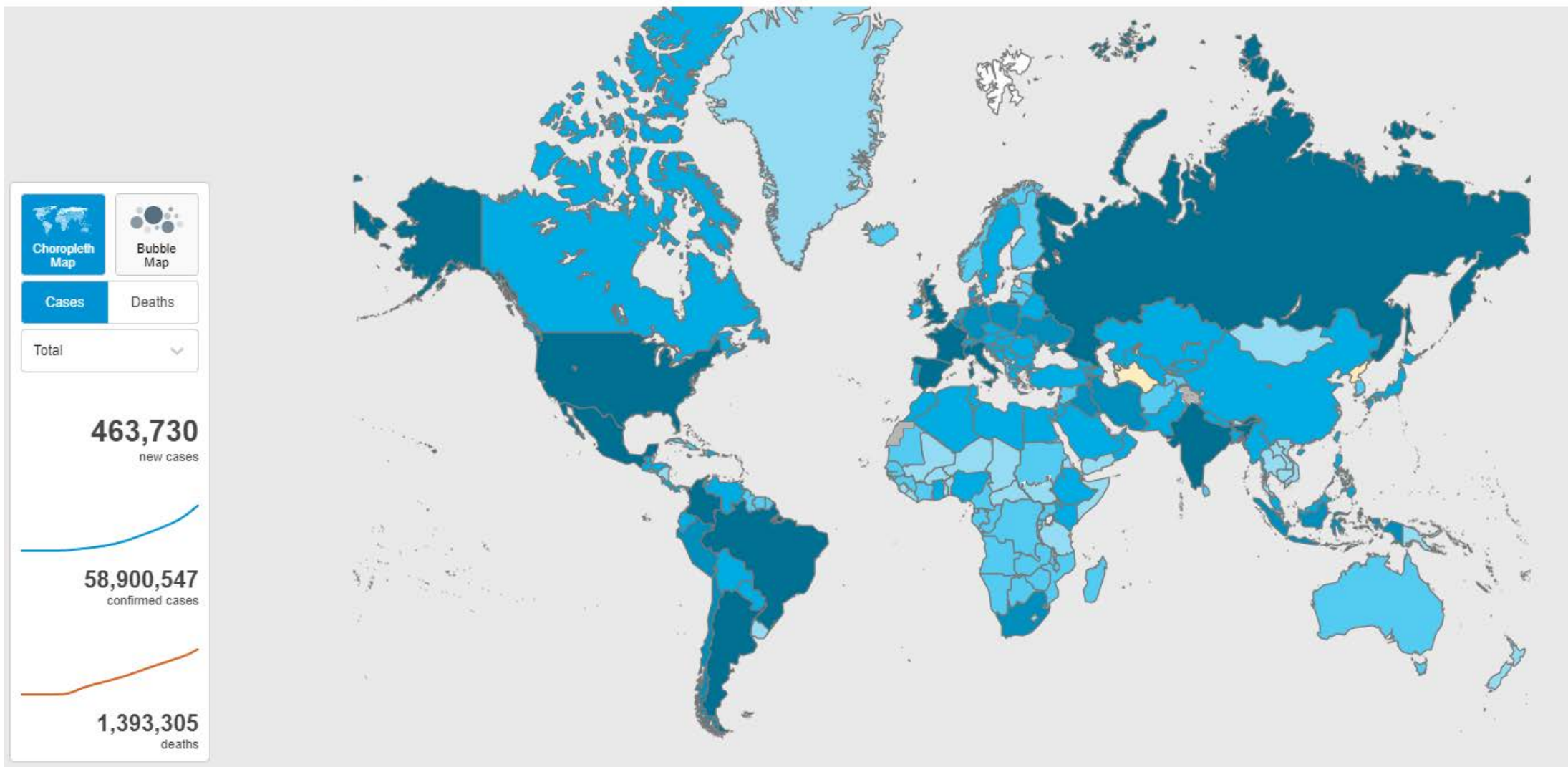
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WHO Coronavirus Disease (COVID-19) Dashboard

Data last updated: 2020/11/24, 6:08pm CET

[Overview](#)

[Data Table](#)



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Source: <https://covid19.who.int/> , accessed November 24, 2020

United States COVID-19 Cases and Deaths by State

Reported to the CDC since January 21, 2020

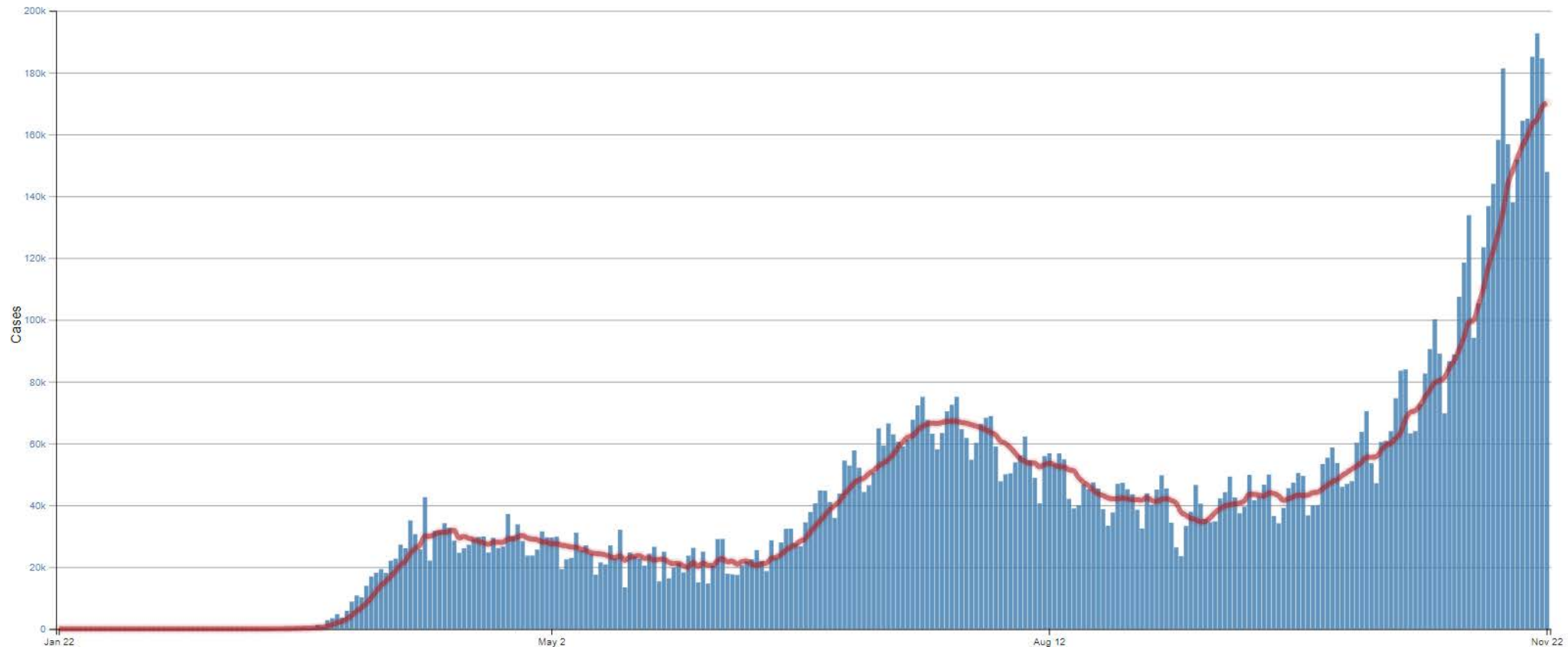
TOTAL CASES
12,175,921
+147,840 New Cases

CASES IN LAST 7 DAYS PER 100K
52

TOTAL DEATHS
255,958
+882 New Deaths

CDC | Updated: Nov 23 2020 12:17PM

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



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Source: CDC, <https://www.cdc.gov/covid-data-tracker/index.html#trends>, accessed November 24, 2020

Coronavirus / COVID-19

	U.S	Maryland	Frederick County
First Case	Jan. 20, 2020 (WA)	March 5, 2020	March 16, 2020
First Death	Feb. 6, 2020 (CA)	March 18, 2020	March 31, 2020
Current Cases (as of 11/24/20)	12,175,921	185,464	6,267
Confirmed Deaths (as of 11/24/20)	255,958	4,325	138

Frederick County Health Department began local response on January 28, 2020.



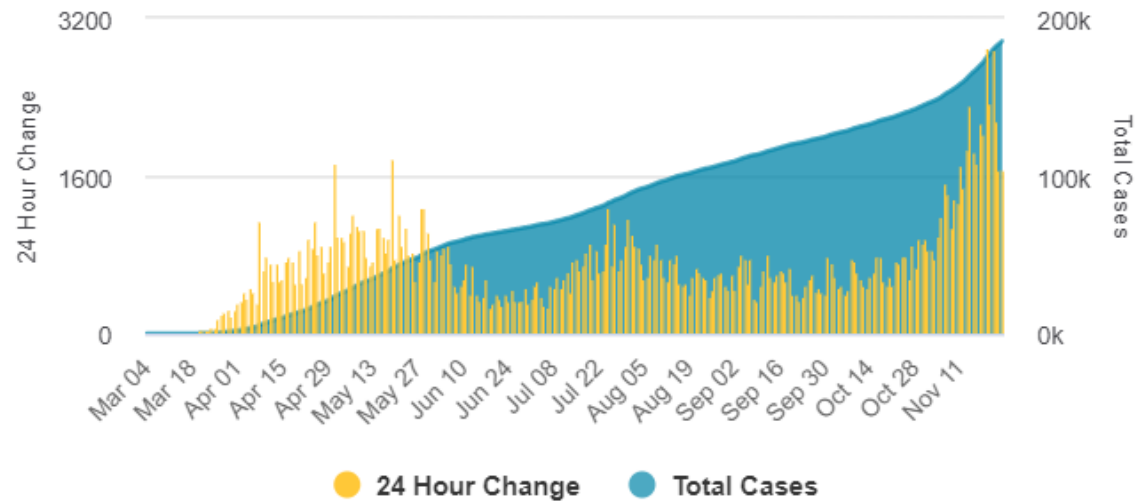
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Current Trends in Maryland

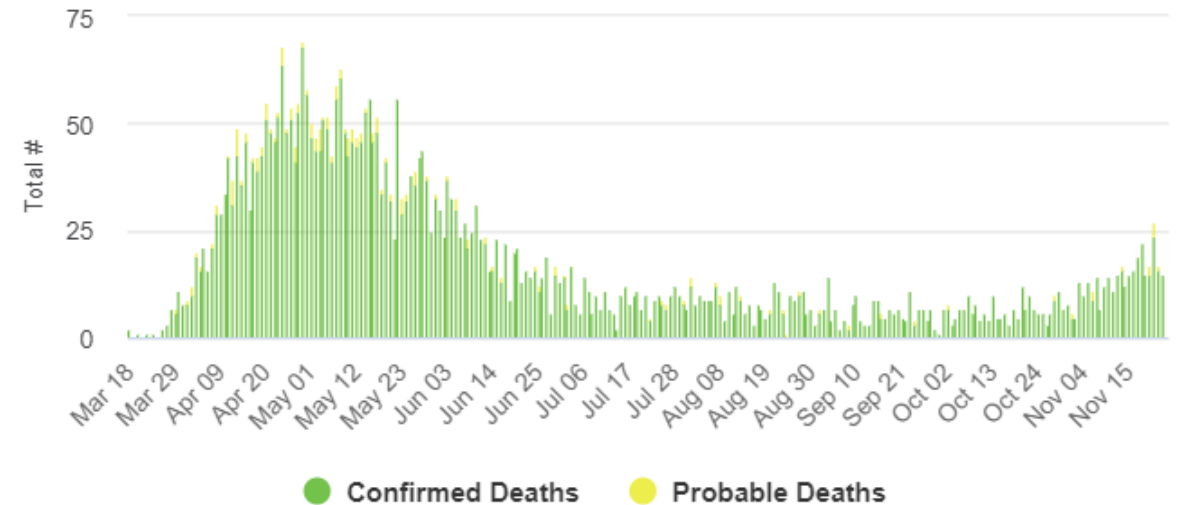
Cases in Maryland

Confirmed Cases, Total over Time



Deaths

Confirmed and Probable Deaths, Totals by Date of Death



Note: different scales on graphs.

<https://coronavirus.maryland.gov/>



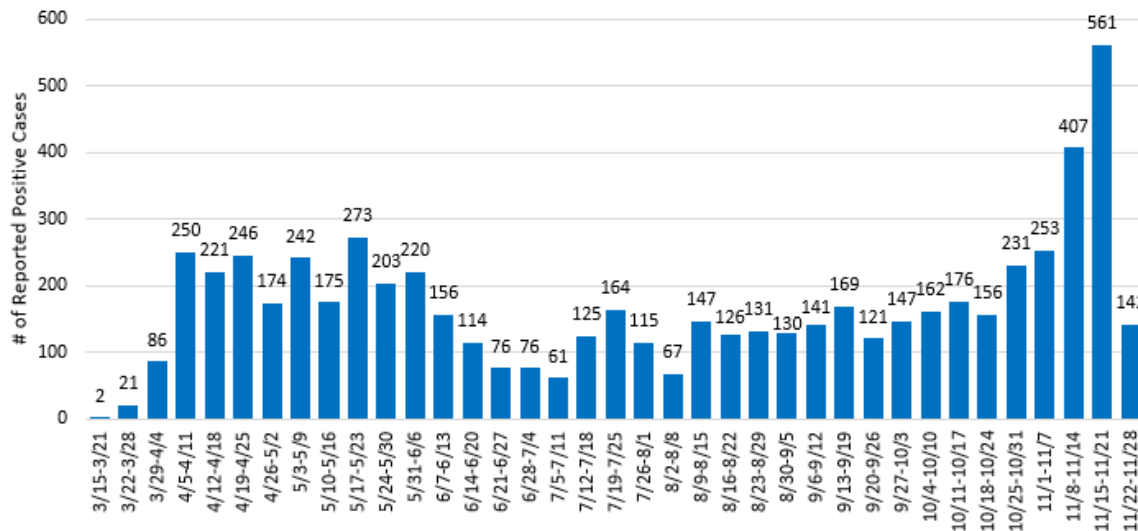
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Current Trends in Frederick County

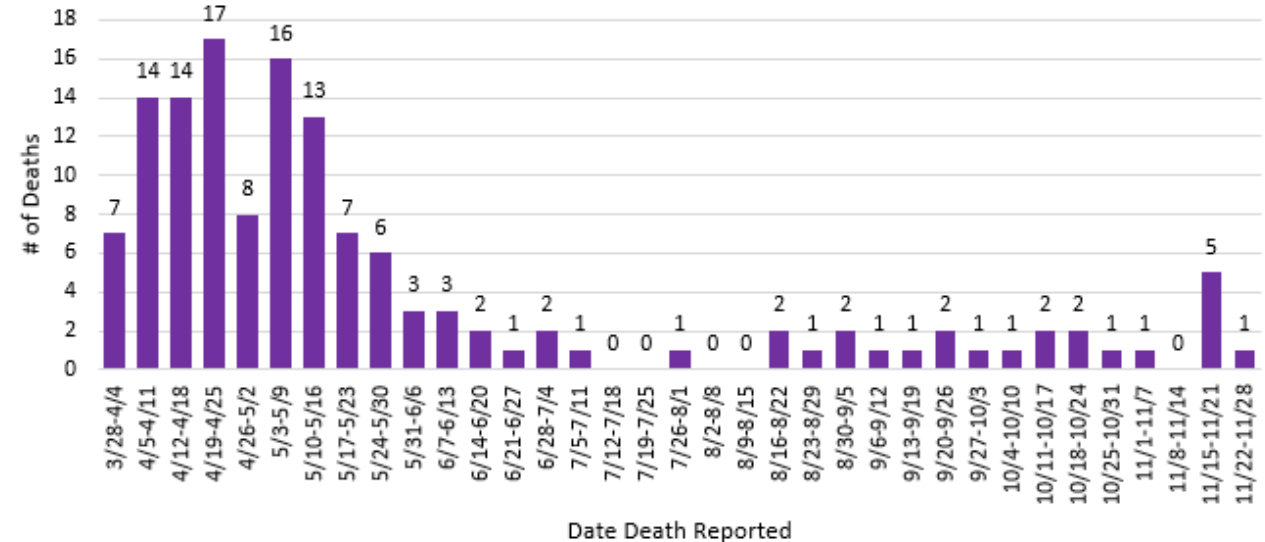
Cases

Frederick County, MD COVID-19 Cases by Week
(Date Received)



Deaths

Frederick County COVID-19 Deaths by Week



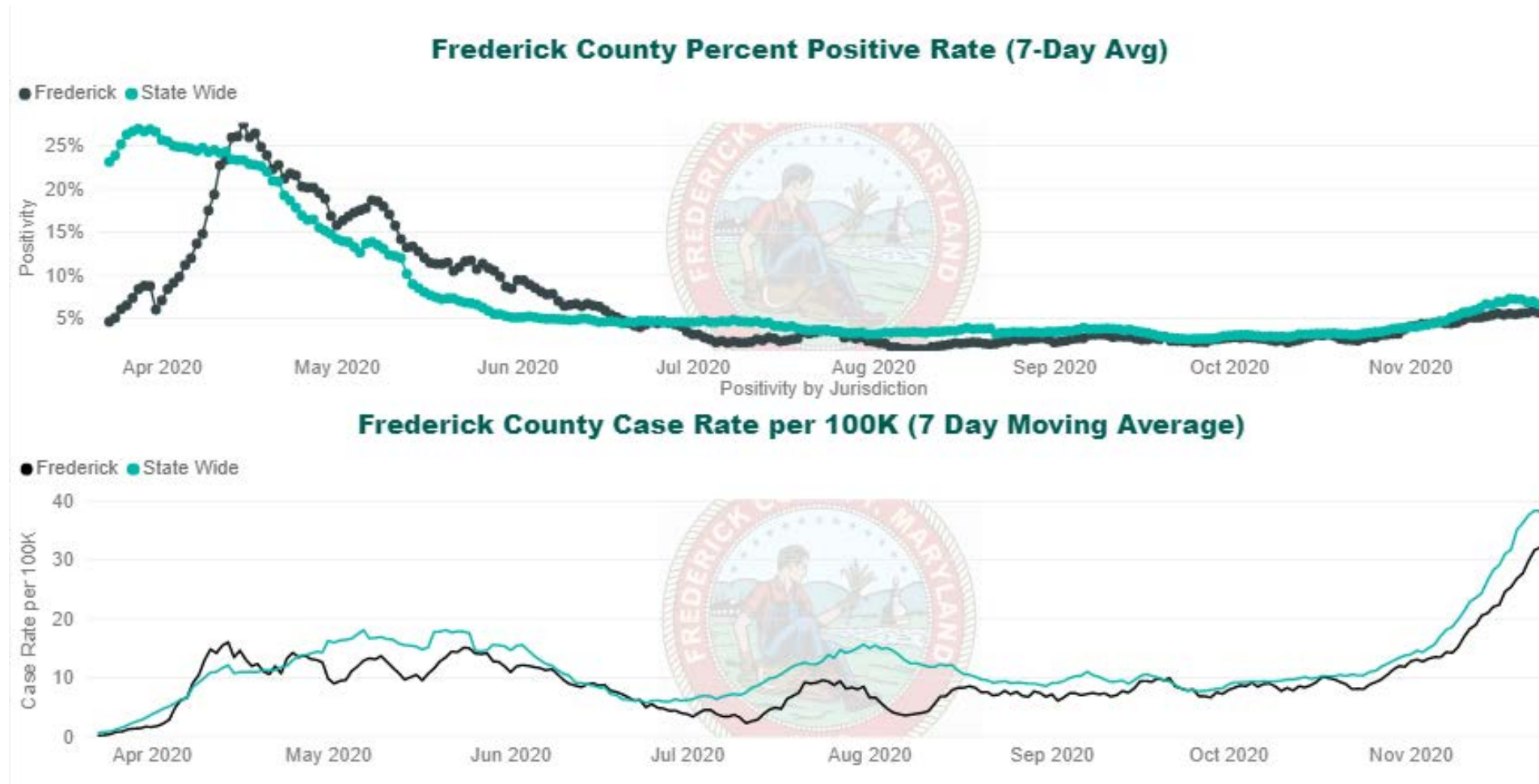
Note: different scales on graphs.



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Positivity Rate and Case Rate

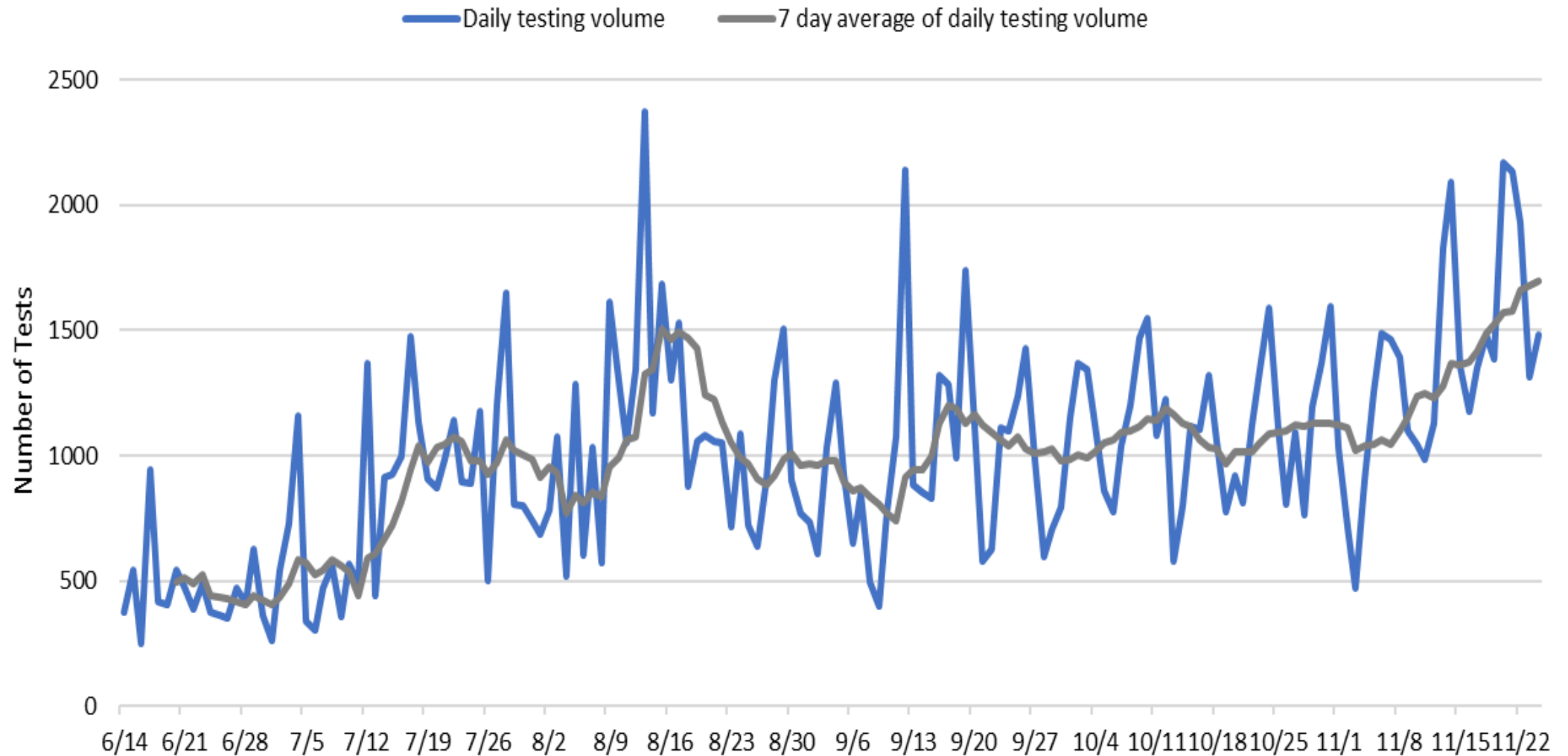


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<https://www.frederickcountymd.gov/8094/COVID-19-in-Frederick-County>

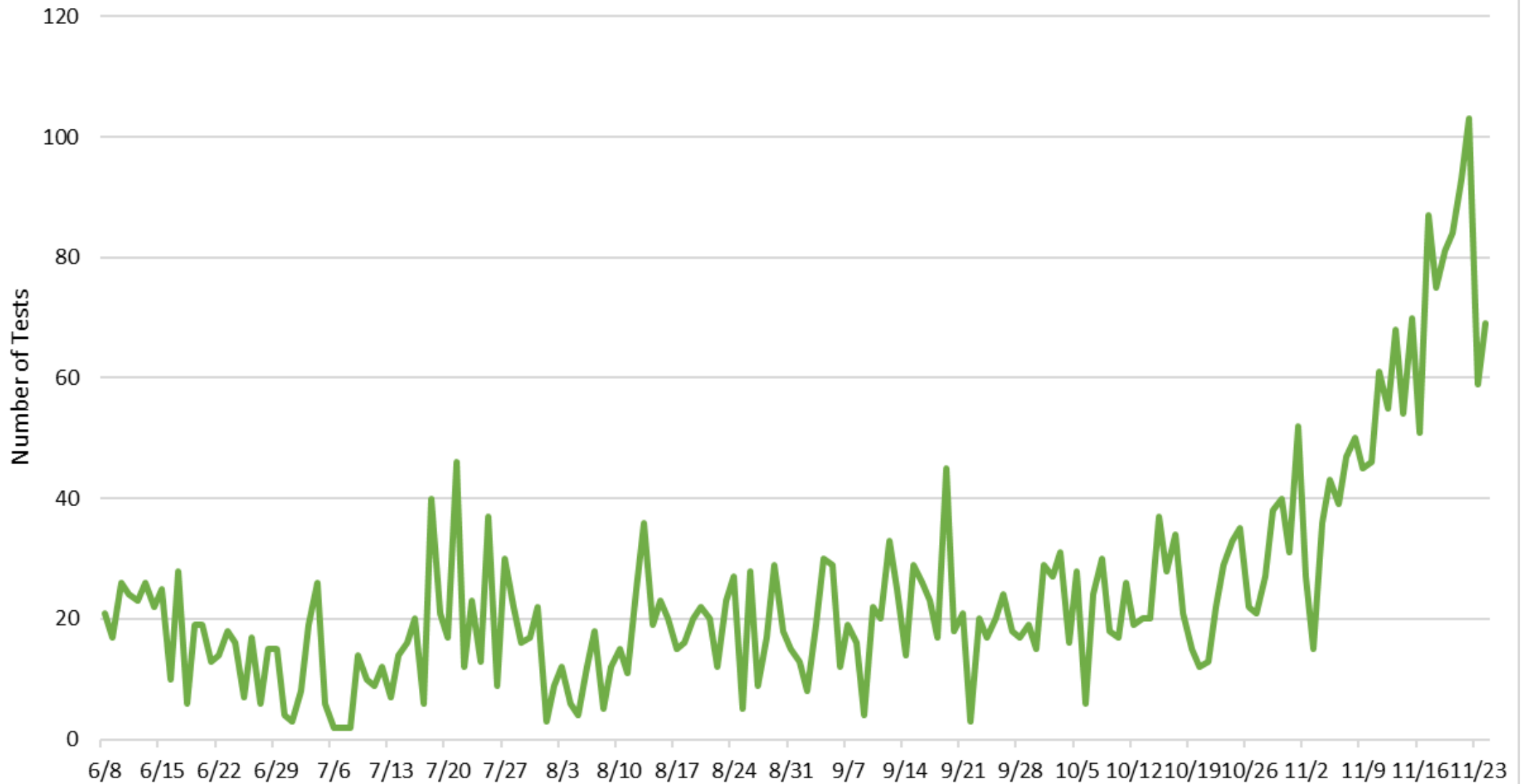
Frederick County, MD COVID-19: Testing Volume per Day



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Frederick County, MD COVID-19: Positive Tests per Day

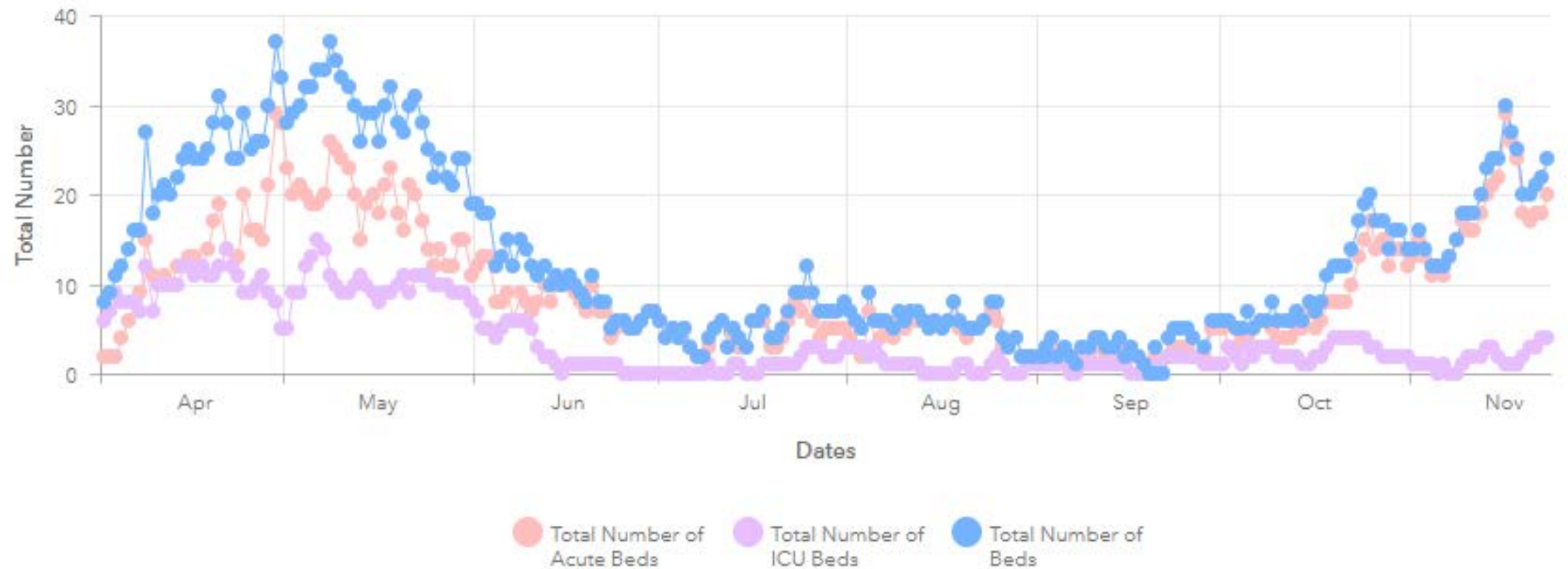


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Hospitalizations

Frederick County Covid-19 Hospitalizations

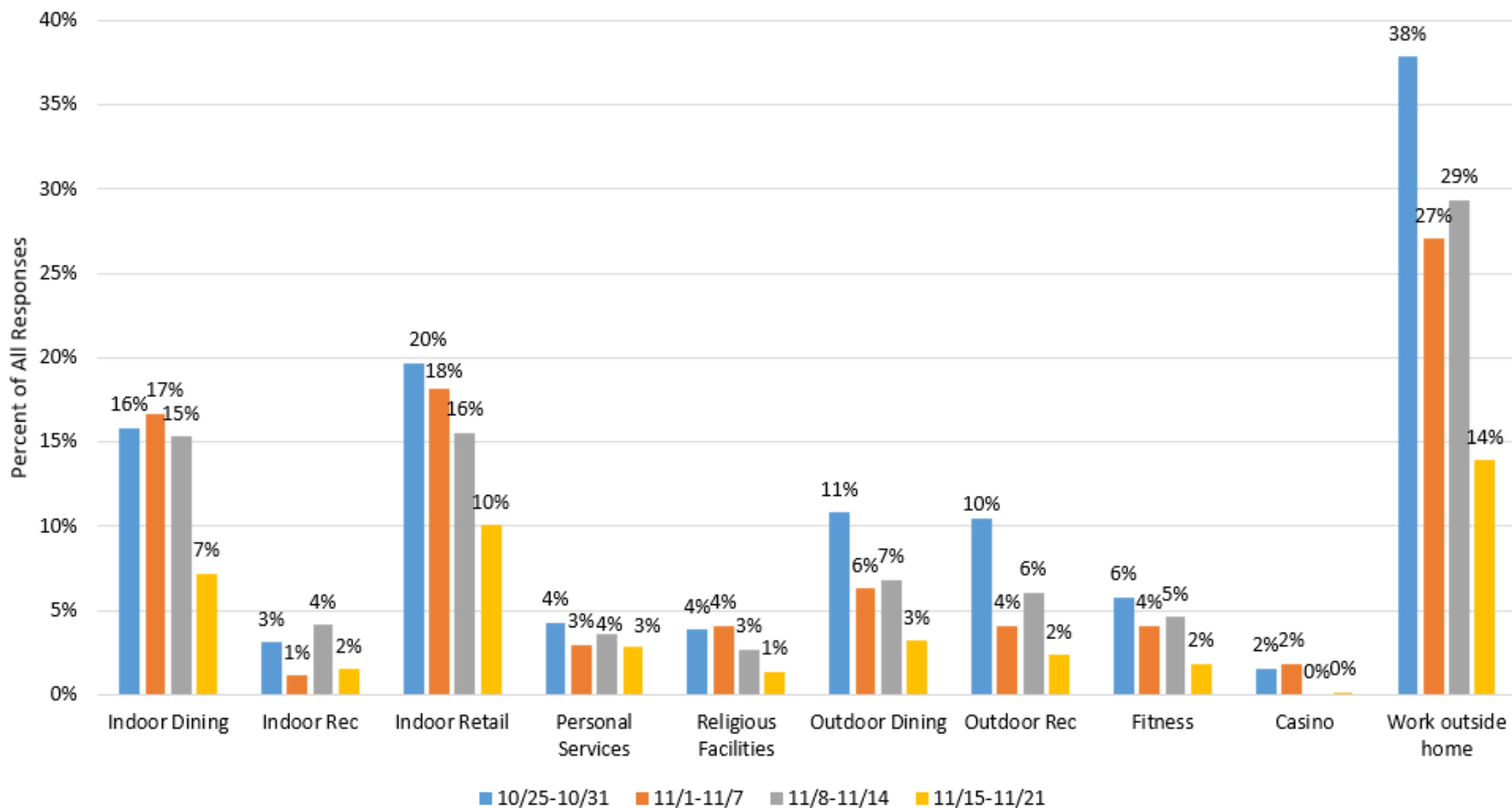


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<https://www.frederickcountymd.gov/8094/COVID-19-in-Frederick-County>

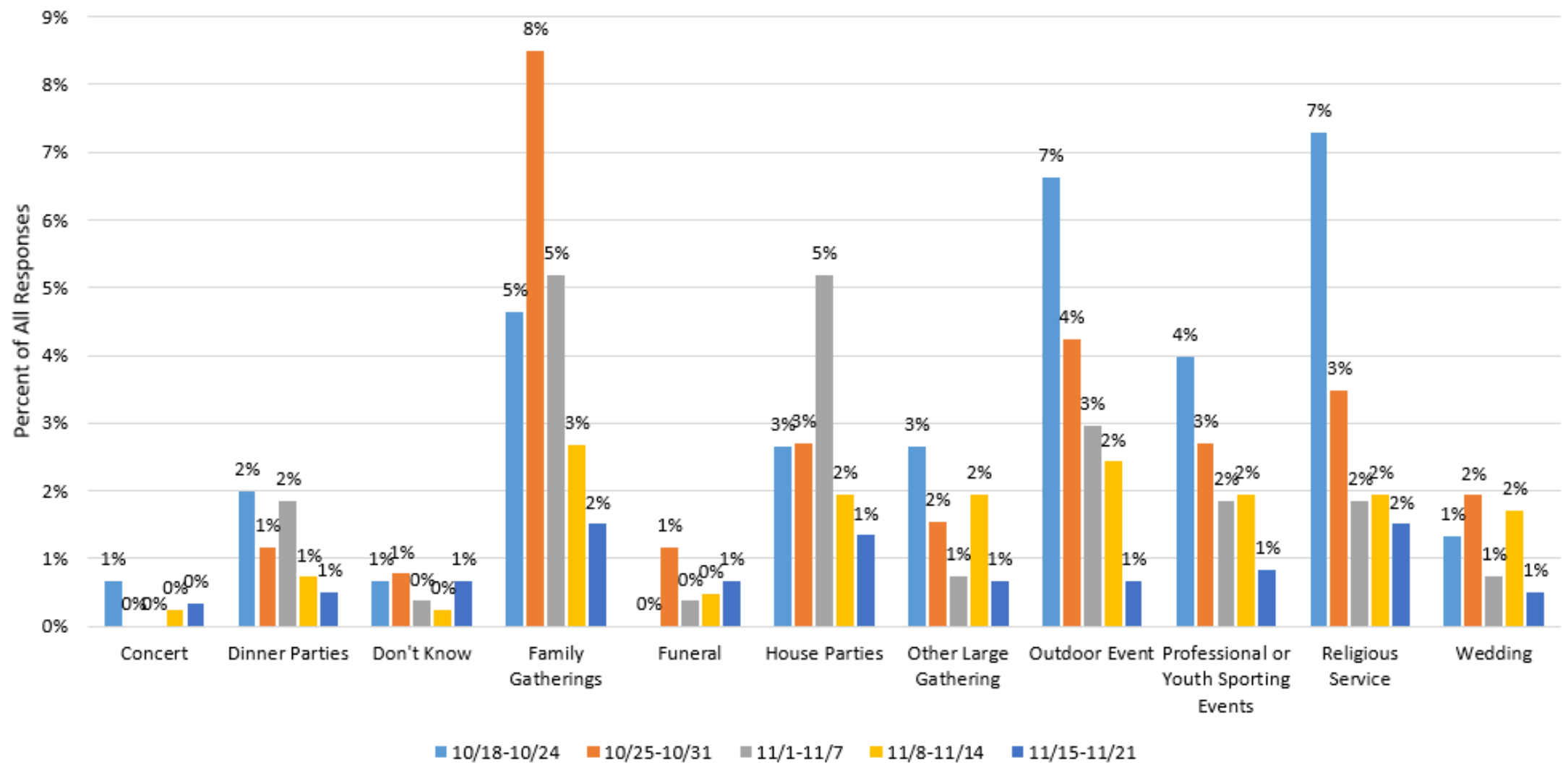
Frederick County COVID Cases - High Risk Locations by Week



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Frederick County COVID Cases - High Risk Gatherings by Week



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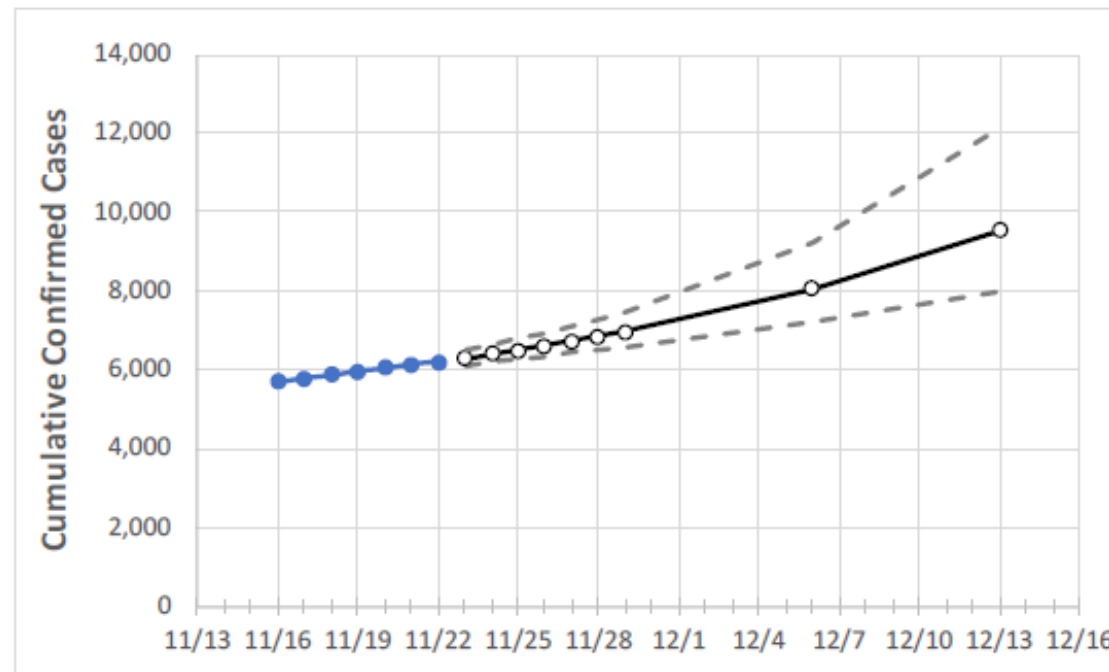
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Projected Numbers

IEM's AI Modeling: Short-term COVID-19 Projections For MWCOG

NEW: Long-range COVID-19 Projections

Date: 11/23/20



Frederick County, MD Projected Cases For:

	11/23	11/24	11/25	11/26	11/27	11/28	11/29	12/6	12/13
Upper Limit	6,509	6,641	6,785	6,938	7,104	7,280	7,475	9,239	12,091
Best Estimate	6,294	6,395	6,500	6,611	6,727	6,848	6,975	8,050	9,531
Lower Limit	6,118	6,191	6,267	6,344	6,425	6,506	6,591	7,234	7,993

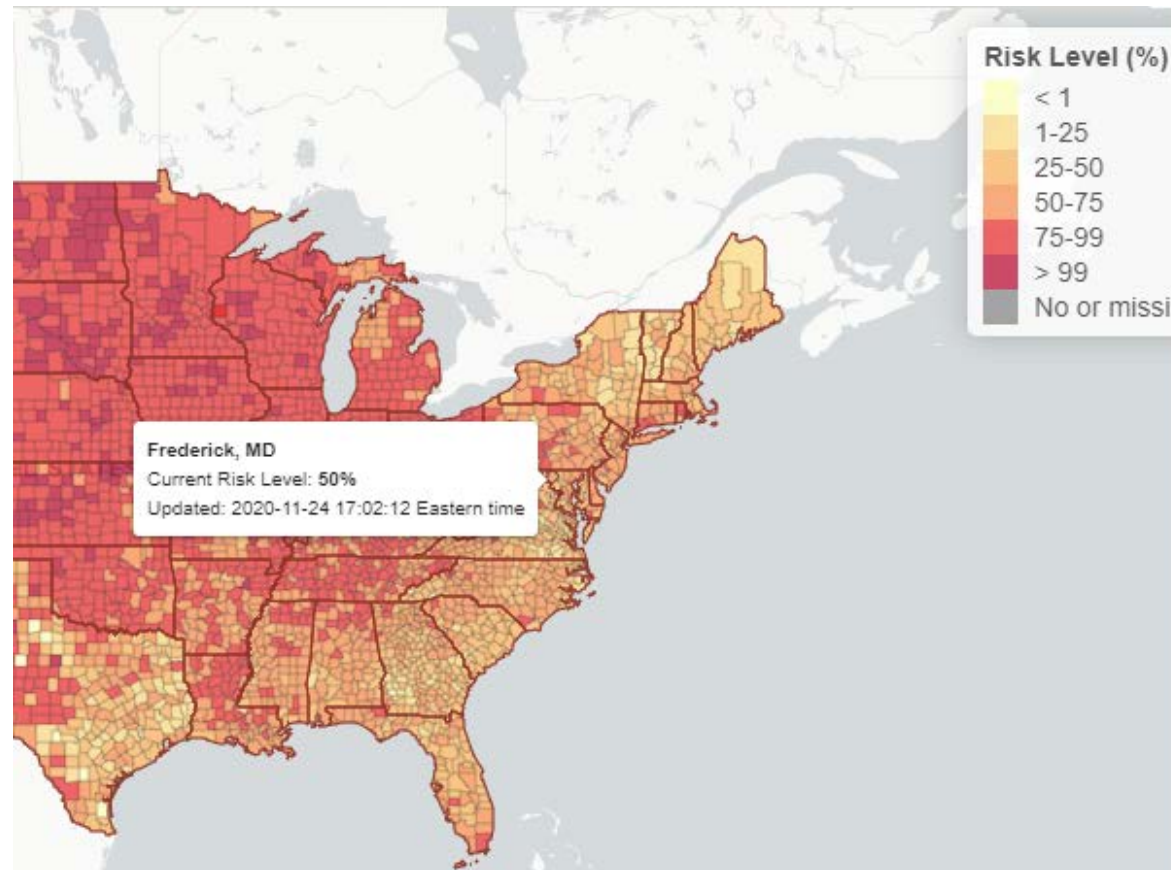


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COVID-19 Event Risk Assessment Calculator

In a gathering of 50 persons in Frederick County what is the chance of someone currently being infected? 50%



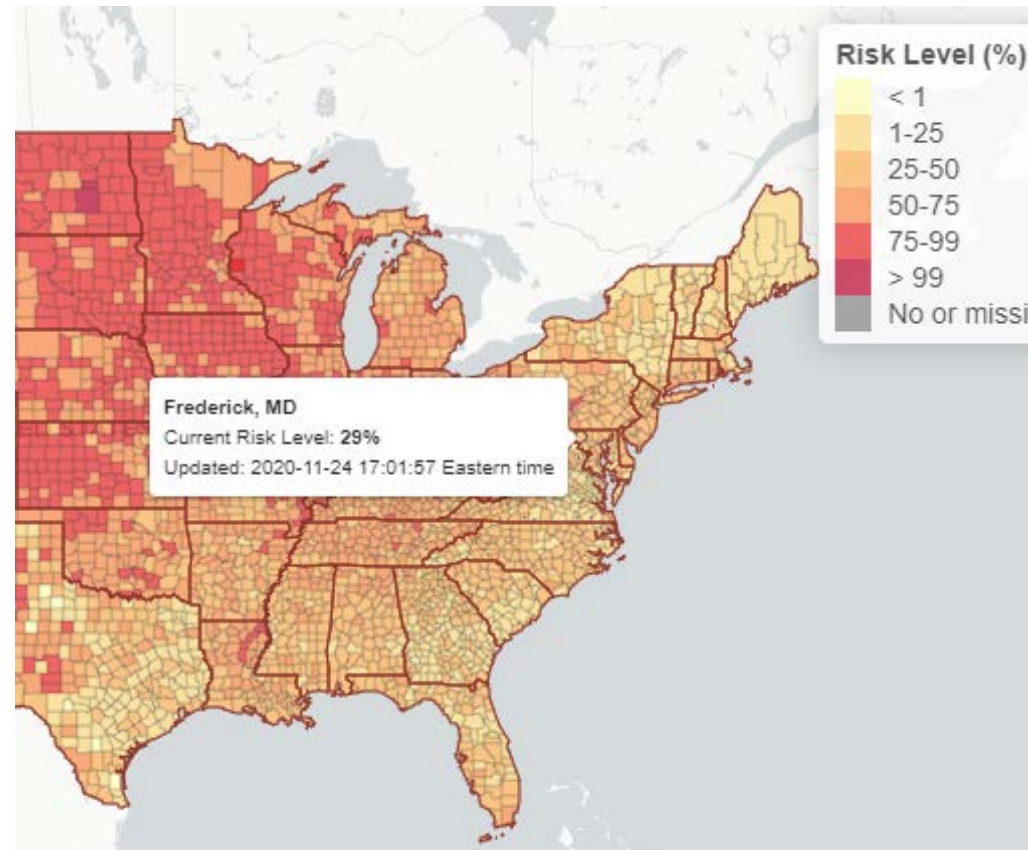
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Source: Georgia Institute of Technology COVID-19 event risk assessment tool; access 11/24/2020; <https://covid19risk.biosci.gatech.edu/>

COVID-19 Event Risk Assessment Calculator

In a gathering of 25 persons in Frederick County what is the chance of someone currently being infected? 29%



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Source: Georgia Institute of Technology COVID-19 event risk assessment tool; access 11/24/2020; <https://covid19risk.biosci.gatech.edu/>

Currently in Place in Maryland

- Governor Hogan's Executive Order 20-11-17-01
 - *At 50% maximum occupancy:*
 - **Religious facilities**, Retail and Malls, Personal Services, Other Recreational Establishments, Foodservice Establishments, **Fitness Centers**, Casinos
 - *Theaters, Outdoor Entertainment*
 - Indoor theaters 50% or 100 persons, whichever is less
 - Outdoor entertainment or sporting venues 50% or 250, whichever is less
 - *Face coverings required for all persons in Maryland over 5 years*
 - Indoors in any public location
 - Outdoors and unable to consistently maintain 6 feet distance
 - Exceptions



Gov. E.O.: The following restrictions are effective Friday, November 20, 2020 at 5:00 PM:

- All “Foodservice Establishments” will close between 10:00 p.m. and 6:00 a.m., except for carryout and delivery;
 - * “Foodservice Establishments” is a collective term that includes “(a) restaurants, bars, nightclubs, banquet and catering halls, and other similar *establishments that sell and/or serve food or beverages for consumption on premises*” and “(b) *Social Clubs with dining facilities*”
- The following businesses will operate at 50% capacity:
 - ❖ Retail businesses
 - ❖ Organizations
 - ❖ Religious institutions
 - ❖ Personal services
 - ❖ Bingo halls
 - ❖ Bowling alleys
 - ❖ Pool halls
 - ❖ Skating rinks
 - ❖ Fitness centers
 - ❖ Social clubs



Gov. E.O.: The following restrictions are effective Friday, November 20, 2020 at 5:00 PM:

- Fans will not be permitted at professional or collegiate stadiums or racetracks;
- Hospital visits are suspended, with certain exceptions. Exceptions include: compassionate care, obstetrics, parents/guardians of minors, and for people with disabilities;
- Hospitals are urged to avoid admitting patients for elective procedures;
- Allow hospitals that are full or near capacity limits to transfer patients to hospitals or alternative care sites as appropriate; MIEMSS will provide coordination;
- Nursing home visits are suspended, except cases involving compassionate care. Visitors must have proof of a negative COVID-19 test result 72 hours prior to their visit; and
- Nursing homes will test residents weekly and employees twice a week.



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Proposed Frederick County Regulation Clarifications - same wording

A. Face coverings:

1. *Face coverings need to be worn by all persons over 5 years*
 - In all indoor public spaces
 - In all outdoor public spaces where unable to maintain 6 ft distance
2. *Face coverings should be worn except when eating or drinking food or beverages.*
 - This does not apply to using tobacco products, smoking and vaping paraphernalia.



Proposed Frederick County Regulation Clarifications - improved wording

B. Limitation on Gathering Size:

1. *All provisions in Gov. Executive Order apply except that social gatherings shall be limited as follows:*

- a. *Indoor social gatherings of more than 25 persons are prohibited*
- b. *Outdoor social gatherings of more than 25 persons are prohibited*

2. A “social gathering” includes parties, cookouts, parades, celebrations, festivals, conventions, and fundraisers.

Does not include normal business operations.

*removed prior (B)(2) after Gov EO matched Regulation BOH 01-2020



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Proposed Frederick County Regulation Clarifications – improved wording

(B) Limitation on Gathering Size:

(3) *Wedding venues* - limited to 50% maximum occupancy or the occupancy for food service establishments, whichever is less.

- a. Modify floor plans so tables are at least 6ft apart
- b. Make 6 ft marking system to show social distancing for staff and guests
- c. Persons may not sit or congregate at bar if one is present
- d. Bar should be 6 ft from seated guests
- e. Tables and high touch surfaces shall be cleaned and disinfected between each seating
- f. Food may not be served in buffet or self-serve format
- g. Guests must remain seated. No dancing or congregating in groups.
- h. Venue staff must wear face coverings unless unsafe to do so
- i. Venue staff must be trained in COVID-19 health guidance
- j. Venue staff who become sick must follow MDH isolation and quarantine guidance.
- k. Goes into effect 11/30 at 9am



Proposed Frederick County Regulation Clarifications – No wording change

(B) Limitation on Gathering Size:

(4) Fitness centers

- a. Require face coverings on all persons on premises with Governor's Executive Order exceptions
- b. Limited to 25% maximum occupancy



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Proposed Frederick County Regulation Clarifications – No wording change

4. Enforcement of regulation

A. *Citations for violation will be a fine*

- i. \$250 for a first offense
- ii. \$375 for a second offense
- iii. \$500 for a third or subsequent offense



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Proposed Frederick County Regulation Clarifications

(C) Incorporation of State Executive Orders



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Proposed Frederick County Regulation Clarifications – No wording change

(D) Compliance with this Regulation



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Proposed Frederick County Regulation Clarifications – No wording change

(E) Further granting of authority



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Proposed Frederick County Regulation Clarifications – No wording change

(F) Enforcement



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Proposed Frederick County Regulation Clarifications – No wording change

(G) Applicability



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Proposed Frederick County Regulation Clarifications – No wording change

(H) Severability



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Proposed Frederick County Regulation Clarifications

(I) Effective Date

- effective date left blank for BOH to determine
- Added statement this Regulation supersedes Regulation BOH 01-2020



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