
Joint COVID-19 Response Legislative Workgroup

Teleconference Meeting

***THIS MEETING WILL*
*BEGIN SHORTLY***

**July 8, 2020
10:00 a.m.**

Agenda Overview

(10:00 a.m. - 10:05 a.m.)

- I. Briefing from Maryland Department of Health
- II. Presentation from Dr. Justin Lessler, Johns Hopkins University
- III. Briefing from Health Facilities Association of Maryland
- IV. Closing Remarks

Briefing from MD Dept. of Health

(10:05 a.m. - 10:40 a.m.)

- Clifford Mitchell, M.S., M.D., M.P.H.
Director, Environmental Health Bureau
- Limited Questions and Answers
- Contact:

Webster Ye
webster.ye@maryland.gov



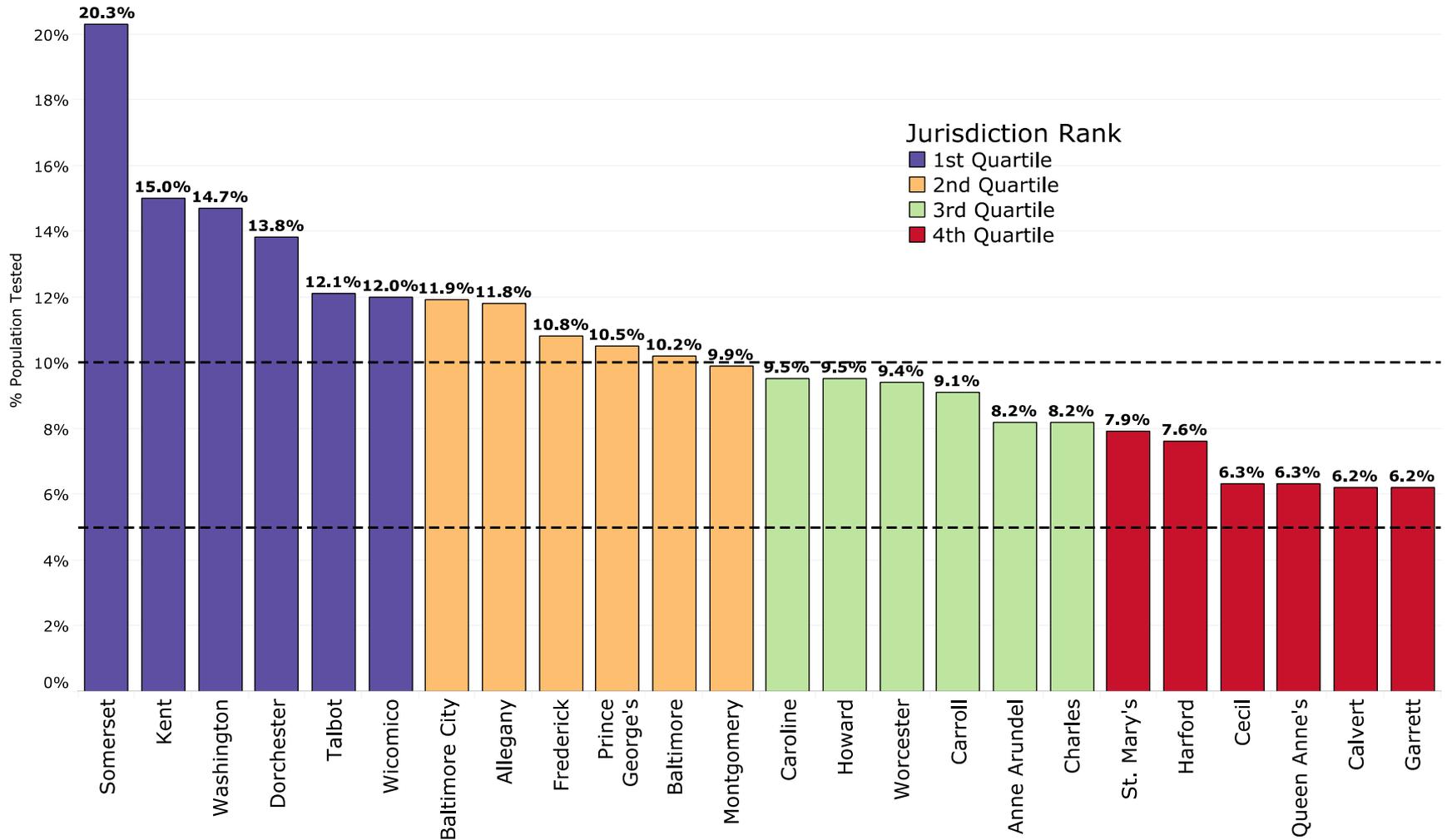
Update to the JOINT COVID-19 Legislative Workgroup

Clifford S. Mitchell, M.S., M.D., M.P.H.
Director, Environmental Health Bureau

July 8, 2020

Percent of Population Tested for COVID-19 in Maryland Counties

Data reported as of 7/8/2020



Face Covering Campaign

Cloth Face Covering Do's & Don'ts:

DO:



- ✓ Make sure you can breathe through it
- ✓ Wear it whenever going out in public
- ✓ Make sure it covers your nose and mouth
- ✓ Wash after using

DON'T:

- ✗ Use on children under age 2
- ✗ Use surgical masks or other personal protective equipment (PPE) intended for healthcare workers



cdc.gov/coronavirus



FAQs on FACE COVERINGS

Under Governor Larry Hogan's direction, state agencies continue to develop comprehensive and coordinated prevention and response plans for coronavirus disease 2019 (COVID-19). The Maryland Department of Health (MDH) will communicate directly with the public, providing updates as this situation develops and accurate information about how to protect yourself and your family. If you have questions about COVID-19 that are not answered here, call your local health department or dial 2-1-1.

WHAT IS THE PURPOSE OF A FACE COVERING?

Face coverings block the spread of larger respiratory droplets, reducing the potential spread of COVID-19.

SHOULD I WEAR A FACE COVERING?

There are several situations where face coverings are required. Please refer to the latest Governor's Executive Order and as well as guidance from the Maryland Department of Health to know when legally required.

WHAT IS FACE COVERING?

Cloth face coverings can be made from household items and include wearing a scarf or bandanna that covers the nose and mouth. The CDC has detailed guidance and instructions regarding homemade cloth face coverings available at bit.ly/diy-cloth-face-coverings. The cloth face coverings recommended are not surgical masks or N-95 respirators. Those are critical supplies that must continue to be reserved for healthcare workers and other medical first responders, as recommended by current CDC guidance.

WHO MAY HAVE DIFFICULTY WEARING FACIAL COVERINGS?

Cloth face coverings should not be placed on young children under age 2, anyone who has trouble breathing, or is unconscious, incapacitated or otherwise unable to remove the mask without assistance. Customers with disabilities who are unable to wear a mask shall be provided reasonable accommodations per the Americans with Disabilities Act (ADA Title II and III). Customers cannot be asked invasive questions about a disability or requested to provide medical documentation. Employees or staff that cannot wear a face covering due to a disability may request reasonable accommodations in accordance with the employer's disability policies (ADA Title I). An employer's policies may require documentation to grant reasonable accommodations.

WHAT ARE REASONABLE ACCOMMODATIONS FOR PEOPLE WHO HAVE DIFFICULTY WEARING FACIAL COVERINGS?

Customers with disabilities who are unable to wear a face covering must be provided with an opportunity to receive the same goods and services as customers without disabilities. Businesses should engage the customer in an interactive process to determine possible alternative methods of service that would allow the business to keep its employees and other customers safe, while still providing service/goods to the customer. This could include curbside delivery, personal shopping service in the store to reduce exposure, or phone shopping with delivery. For more guidance on the ADA, contact the Mid-Atlantic ADA Center at www.adainfo.org or 1-800-949-4232. For guidance on COVID19 and employees with disabilities, refer to bit.ly/employee-accommodations.

06/16/2020

5 **#MasksonMaryland**



NEWS RELEASE

Governor Hogan Announces Additional Steps to Further Expand COVID-19 Testing for Marylanders

» *Health Officials Strongly Recommend Testing for Marylanders Employed in Close Contact Settings, Returning from Out-of-State Travel*

» *New Testing Sites in Ocean City and Deep Creek Lake*

Presentation from from Dr. Lessler, JHU

(10:40 a.m. - 11:00 a.m.)

- Justin Lessler, Ph.D.
Associate Professor, Johns Hopkins
Bloomberg School of Public Health
- Limited Questions and Answers
- Contact:

Elizabeth Hafey
Elizabeth.Hafey@jhu.edu

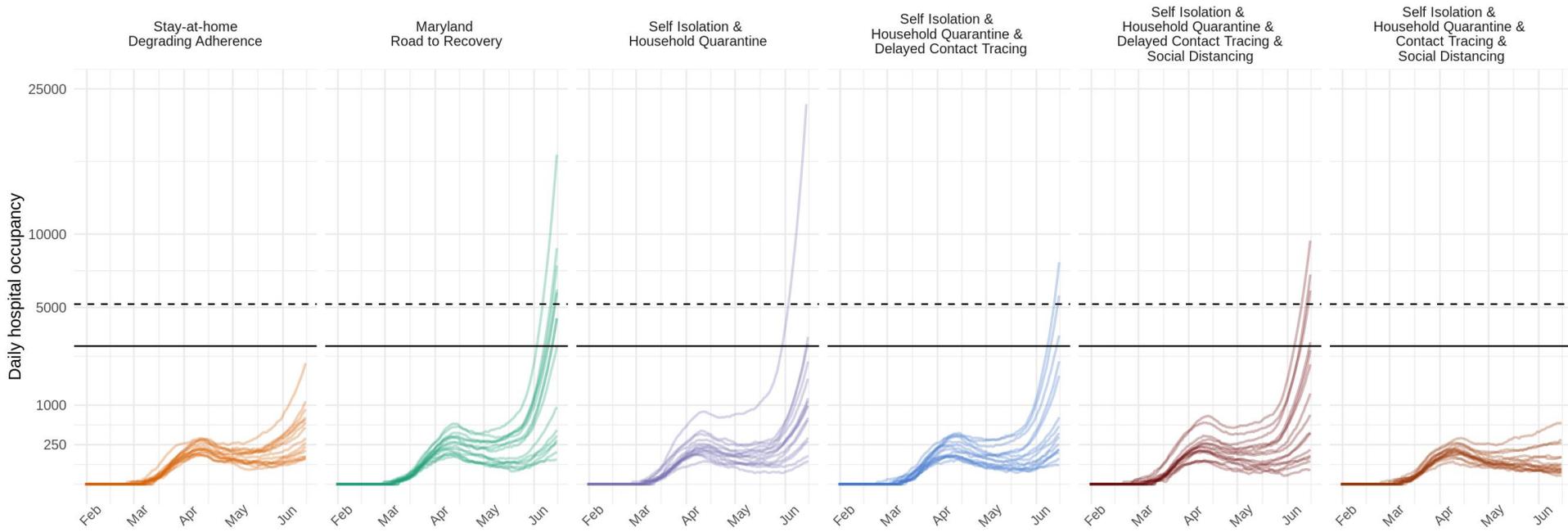
COVID-19 in Maryland

Intervention Impacts and Future Directions

Justin Lessler for the JHU-ID Dynamics COVID-19 Working Group

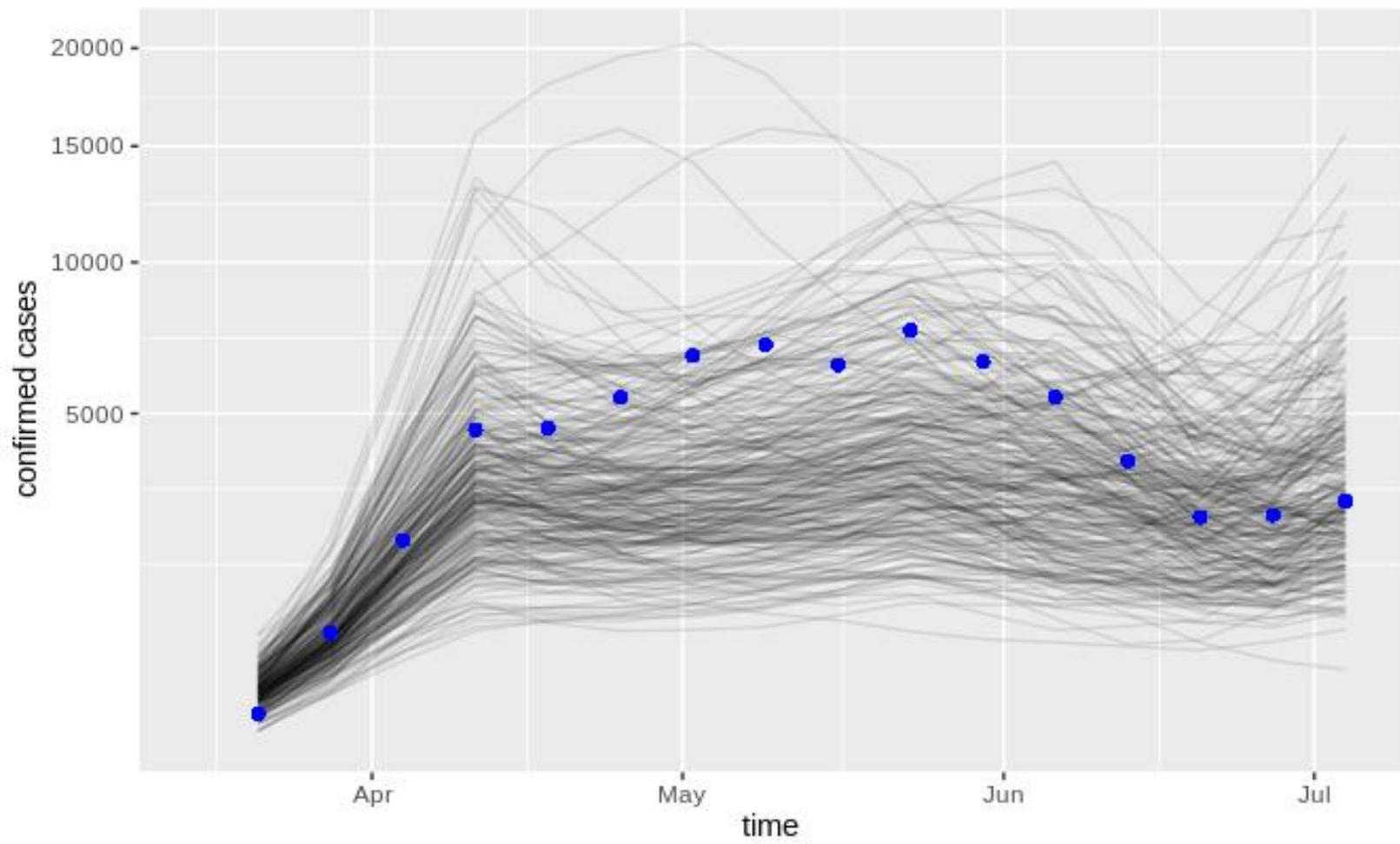
Baltimore MD
8 July 2020

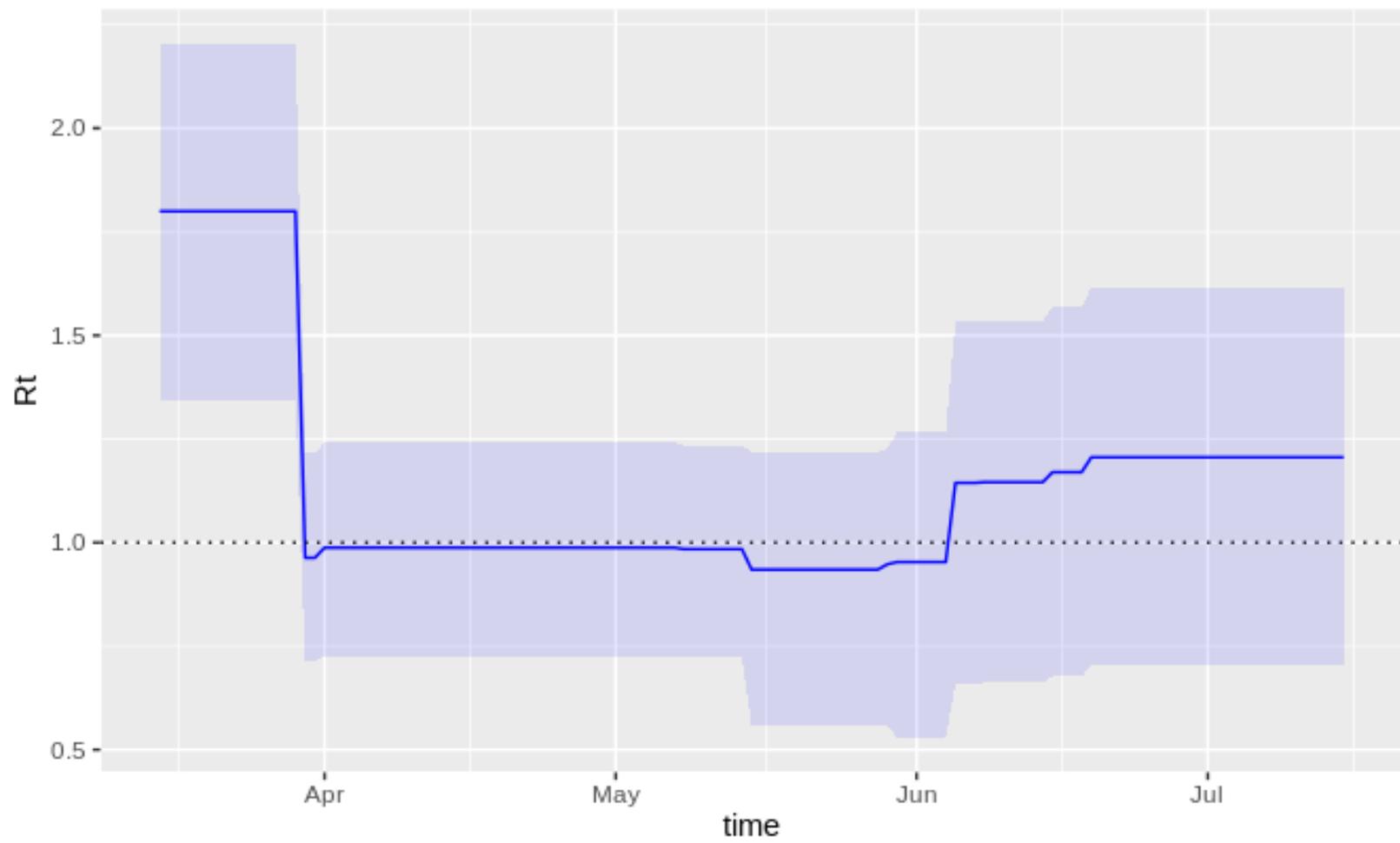
A Reminder from Last Time



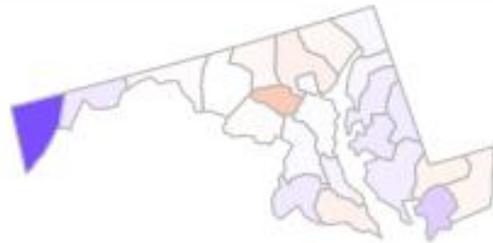
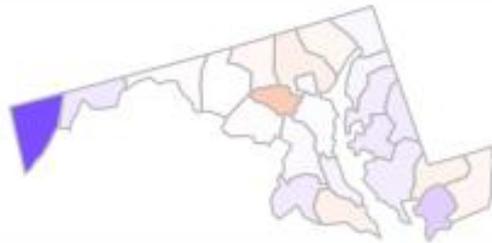
PLANNING SCENARIO – NOT A FORECAST

So how have things progressed?

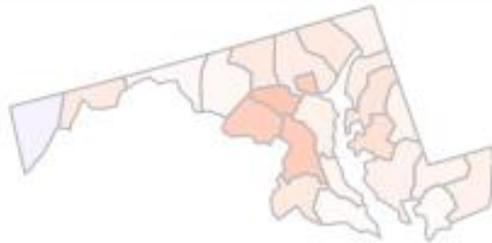
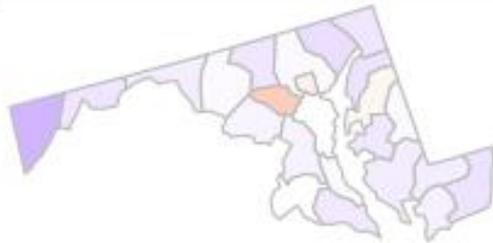




2020-03-15 2020-04-01 2020-05-01

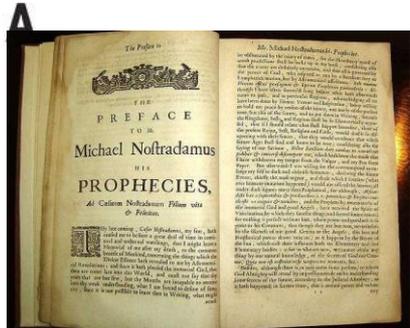


2020-06-01 2020-07-01



Intervention Period	Effectiveness
Stay at home	58% (30%-94%)
Phase 1	62% (47%-78%)
Phase 1 – Baltimore	56% (40-73%)
Phase 1 – Charles	60% (45%-78%)
Phase 1 – Montgomery	66% (55%-78%)
Phase 1 – Prince George	66% (54%-81%)
Phase 2	51% (32%-72%)
Phase 2 – Baltimore/Montgomery	45% (25%-65%)
Phase 2 – Prince George	45% (23%-67%)

What happens next?



B

C

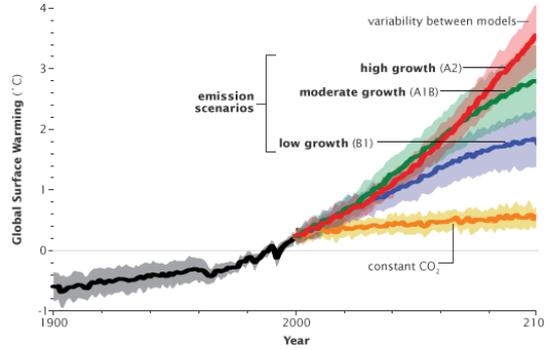
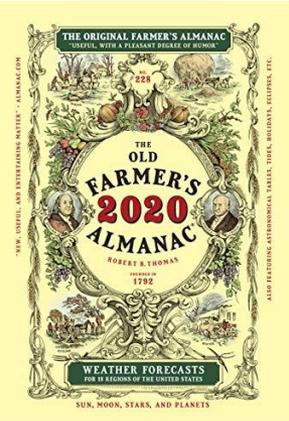
D

Pre-emergence

Time



Tue 6/16	Wed 6/17	Thu 6/18	Fri 6/19	Sat 6/20	Sun 6/21	Mon 6/22	Tue 6/23	Wed 6/24	Thu 6/25
95° 64°F	93° 55°F	75° 55°F	72° 53°F	85° 58°F	87° 60°F	90° 60°F	88° 57°F	79° 55°F	84° 57°F
Partly Cloudy	Partly Cloudy	PM Showers	PM Thunderstorms	Mostly Sunny	Mostly Sunny	Mostly Sunny	Mostly Sunny	PM Thunderstorms	Partly Cloudy
0 in	0 in	0.21 in	0.13 in	0 in	0 in	0 in	0 in	0.05 11 PM	0 in



COVID-19 Forecasts

Week Ahead

? Help

Time Chart

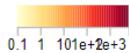
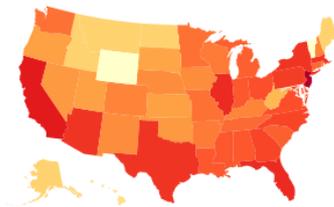
WEEK 27 (2020)

Maryland

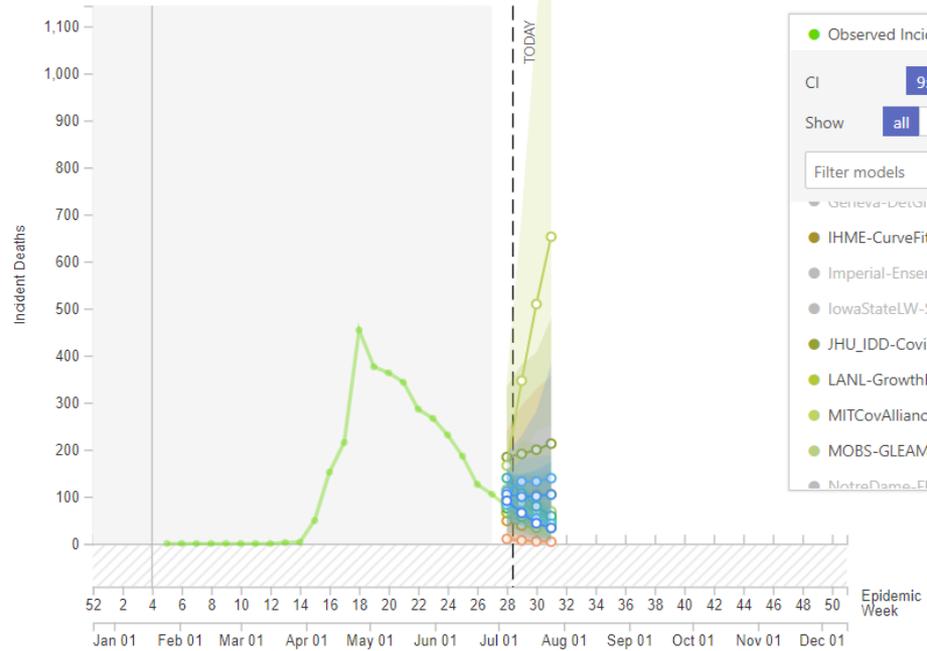
TARGET

Incident Deaths

Incident Deaths (Observed)



The **ensemble** forecast combines models unconditional on particular interventions being in place with those conditional on certain social distancing measures continuing. To ensure consistency, only models with 4 week-ahead forecasts ahead are included in the ensemble.



● Observed Incident Deaths

CI 95% 50% none

Show all none ensemble

Filter models

- Geneva-DetGrowth
- IHME-CurveFit
- Imperial-Ensemble2
- IowaStateLW-STEM
- JHU_IDD-CovidSP
- LANL-GrowthRate
- MITCovAlliance-SIR
- MOBS-GLEAM_COVID
- NotreDame_ERFD

☰

←

→

COVID-19 Forecasts

Week Ahead

? Help

Time Chart

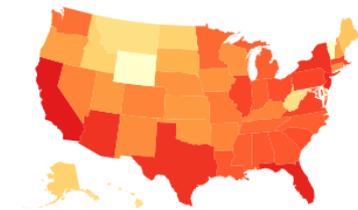
WEEK 28 (2020)

Maryland

TARGET

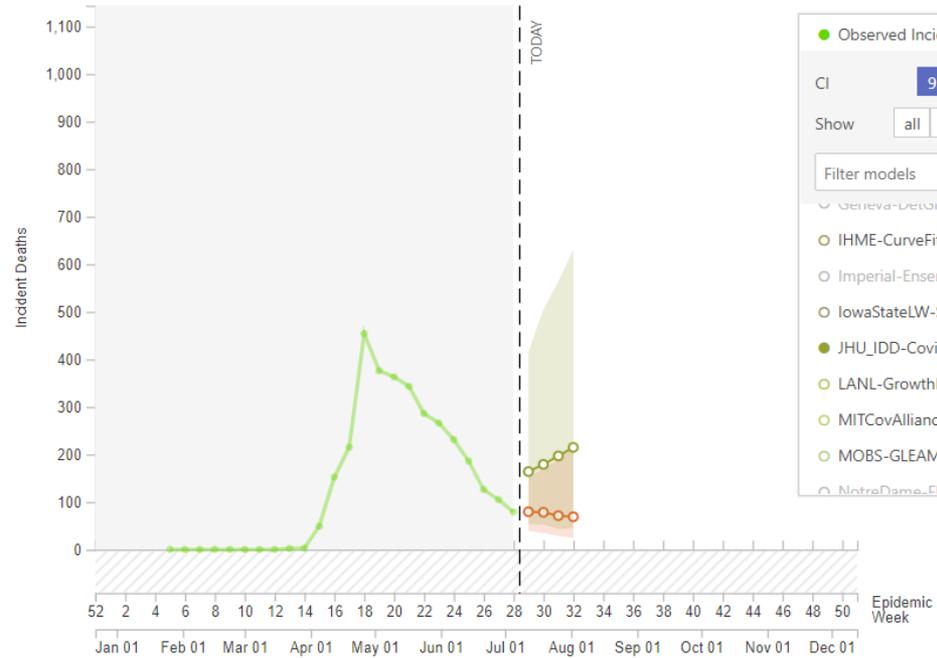
Incident Deaths

Incident Deaths (Observed)



0.1 1 101e+2e+3

The **ensemble** forecast combines models unconditional on particular interventions being in place with those conditional on certain social distancing measures continuing. To ensure consistency, only models with 4 week-ahead forecasts ahead are included in the ensemble.



● Observed Incident Deaths

CI 95% 50% none

Show all none ensemble

Filter models

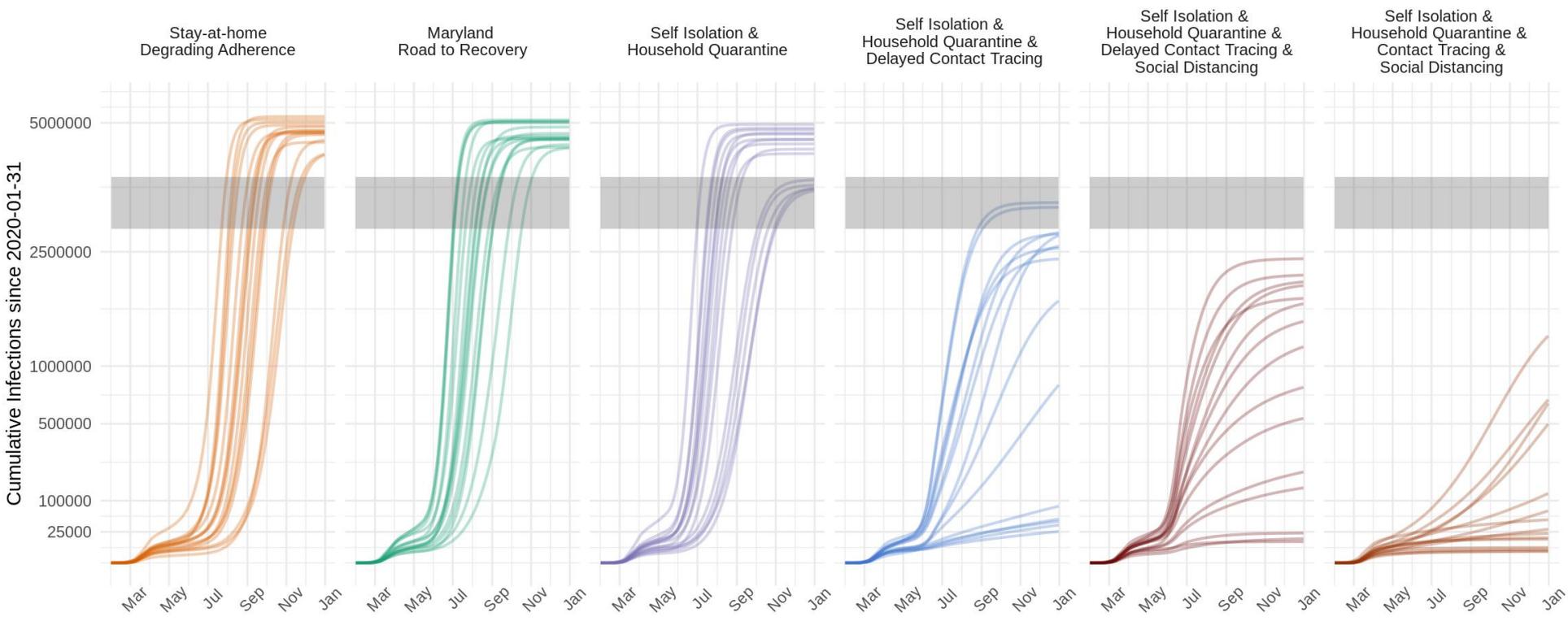
- Geneva-DetGrowth
- IHME-CurveFit
- Imperial-Ensemble2
- IowaStateLW-STEM
- JHU_IDD-CovidSP
- LANL-GrowthRate
- MITCovAlliance-SIR
- MOBS-GLEAM_COVID
- NotreDame-EPFD



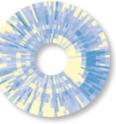
Approach

PLANNING SCENARIOS NOT FORECASTS

- Focus on scenarios relevant to planning decisions.
- Use rough approximations given best knowledge of disease dynamics, current situation and severity.
 - differences more informative than absolutes
- Use a pipelined approach to ease integration of new knowledge and comparison of models



PLANNING SCENARIO – NOT A FORECAST



Simple Math

Maryland – April

$$858 \times \frac{1.5}{.005} = 257,400$$

$$\frac{260,000}{6,000,000} = 4\%$$

$$R = R_0 \times (1 - 0.04) \\ = 1.9 \text{ to } 2.9$$

Maryland – July 7

$$3,246 \times \frac{1.25}{.005} = 811,500$$

$$\frac{812,000}{6,000,000} = 13\%$$

$$R = R_0 \times (1 - 0.04) = 1.7 \text{ to } 2.6$$

ID Dynamics COVID-19 Working Group et al.

- **Johns Hopkins Infectious Disease Dynamics**
- Elizabeth C. Lee
- Kyra H. Grantz
- Hannah R. Meredith
- Qifang Bi
- Joshua Kaminsky
- Stephen A. Lauer
- Justin Lessler
- Shaun A. Truelove
- **EPFL**
- Joseph C. Lemaitre
- **University of Utah**
- Lindsay T. Keegan
- **Developers Without Affiliation**
- Sam Shah
- Josh Wills

Briefing from Health Facilities Assoc. of MD

(11:00 a.m. - 11:15 a.m.)

- Presentation from Joseph DeMattos, Jr. President, Health Facilities Association of Maryland (HFAM)
- Limited Questions and Answers
- Contact:

Hope Morris

hmorris@hfam.org

Closing Remarks

- Check Hearing Schedule on Maryland General Assembly website for committee meetings
- Next meeting TBD