



# COVID-19 Daily Update

**Maryland Department of Health**  
**Maryland Primary Care Program**  
**Program Management Office**

20 April 2020



# Faith, Love and ACTS

# CME Accreditation and Designation

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- ❖ This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of MedChi, The Maryland State Medical Society, and The Maryland Department of Health. MedChi is accredited by the ACCME to provide continuing medical education for physicians.
- ❖ MedChi designates this live webinar educational activity for a maximum of 1 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Contact Frank Berry at [fberry@medchi.org](mailto:fberry@medchi.org)

# Key Takeaways

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- ❖ You remain on the front line against COVID-19 in Maryland - **Act Now**
- ❖ You are uniquely positioned to identify at-risk populations, provide important social distancing information to them, and serve their healthcare needs through telemedicine. **No one can do this better than you!**
- ❖ **Your Role in this epidemic will continue to evolve**

# Agenda

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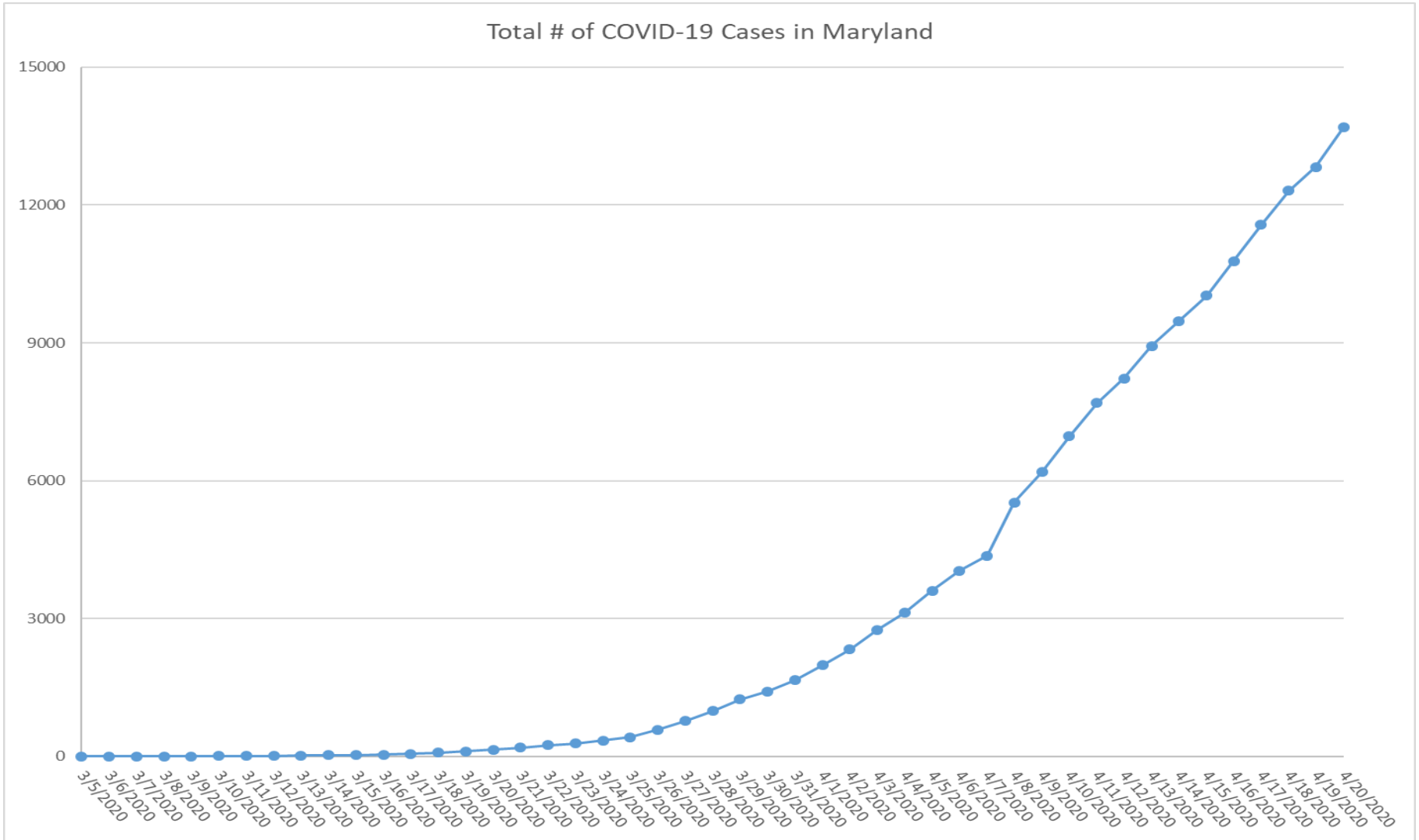
- ❖ Today's key updates
- ❖ What's Important Now (WIN)
- ❖ Testing Locations
- ❖ Patient Management
- ❖ PPE Sources/Requests
- ❖ Aligned Program Updates – Hospital Surge, Vulnerable Populations
- ❖ Announcements
- ❖ Q & A
- ❖ Resources

# Morbidity and Mortality Update

	New Cases since Apr 19	Cumulative Cases	Cumulative Hospitalized	Cumulative Deaths
<b>United States</b>		746,625	39,083	
<b>Maryland</b>	854	13,684	3014	516

	30-39	40-49	50-59	60-69	70-79	80+
<b>Case rate (per 100,000)</b>	274.59	314.97	303.69	297.15	363.17	490.59
<b>% of cases hospitalized</b>	10.87	16.26	22.45	33.40	43.83	35.08
<b>Rate hospitalized (per 100,000)</b>	29.84	51.20	68.19	99.24	159.17	172.10
<b>Death Rate (per 100,000)</b>	1.83	1.81	4.73	13.12	39.33	82.15

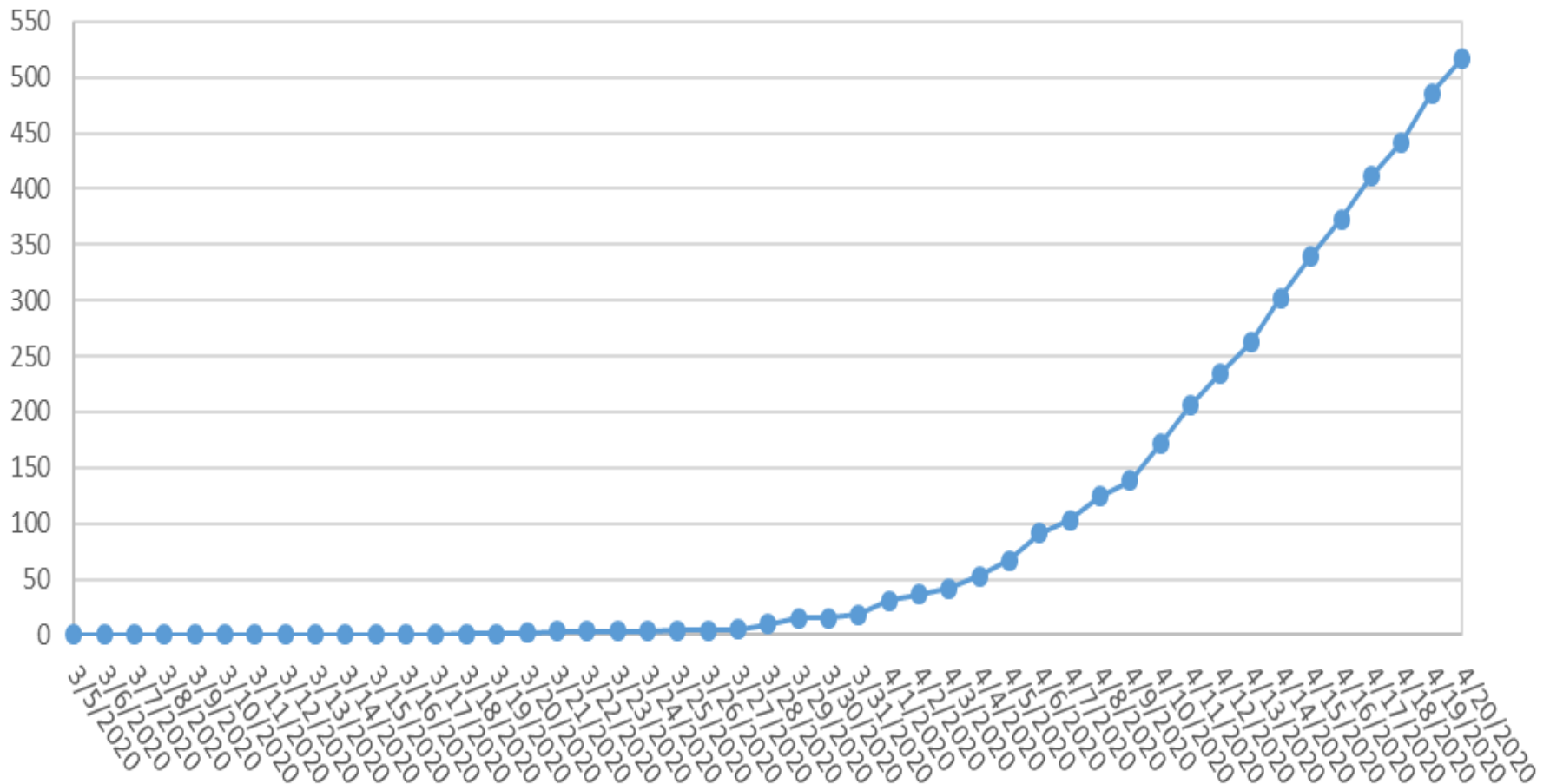
# Total COVID-19 Cases in Maryland



# Total COVID-19 Deaths in Maryland

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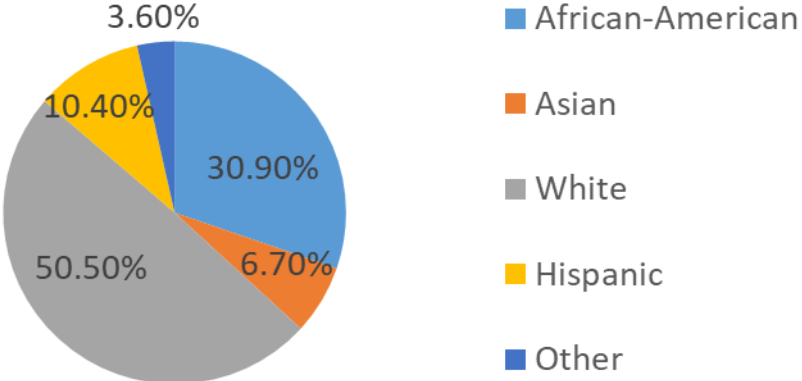
Total # of COVID-19 Deaths in Maryland



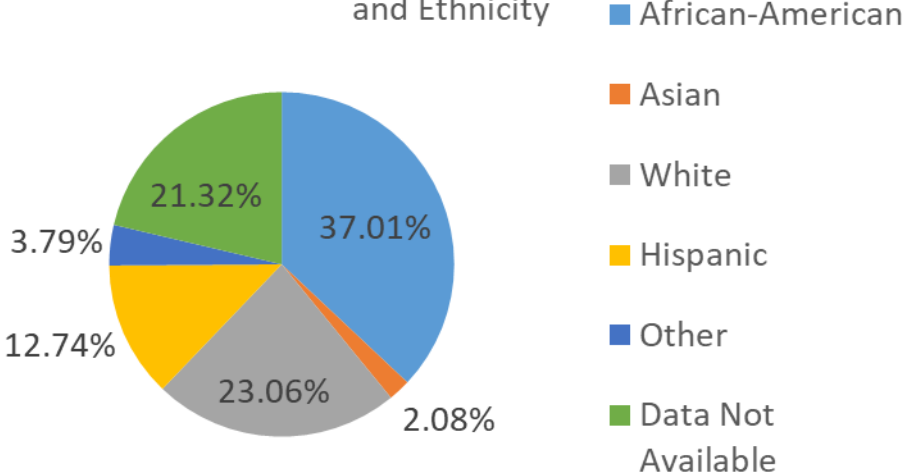


# Impact of COVID-19 in Maryland, By Race and Ethnicity

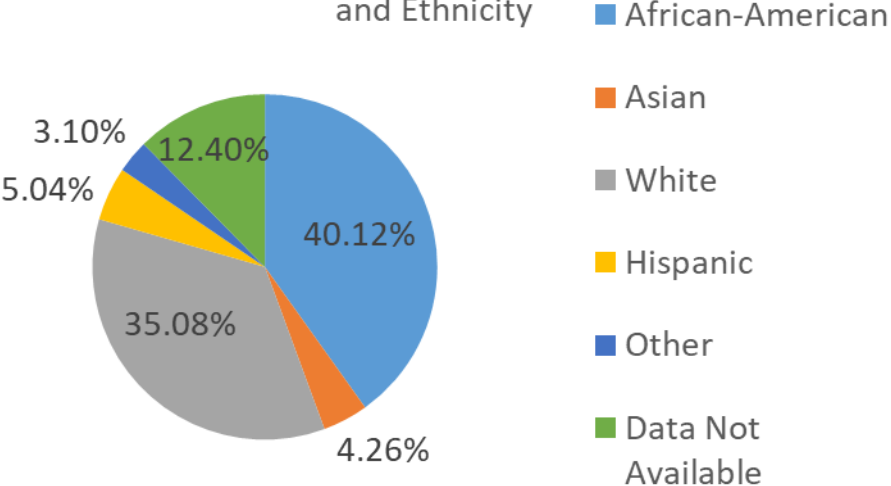
% of **Population** of Maryland, By Race and Ethnicity (Estimate)



% of Total COVID-19 **Cases** in Maryland, By Race and Ethnicity



% of Total COVID-19 **Deaths** in Maryland, By Race and Ethnicity



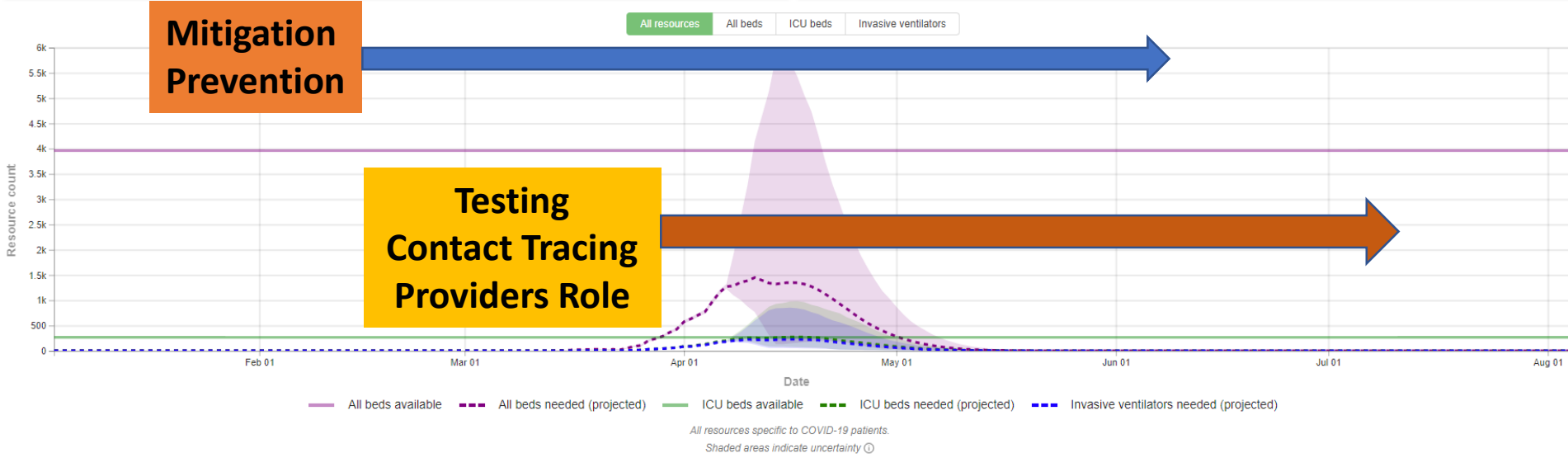
# Modeling the Surge

3 days since peak resource use on  
**April 11, 2020**

Resources needed for COVID-19 patients on peak date				
All beds needed <b>1,449 beds</b>	→	All beds available <b>3,961 beds</b>	→	Bed Shortage <b>0 beds</b>
ICU beds needed <b>256 beds</b>	→	ICU beds available <b>266 beds</b>	→	ICU Bed Shortage <b>0 beds</b>
Invasive ventilators needed <b>221 ventilators</b>				

**Mitigation  
Prevention**

**Testing  
Contact Tracing  
Providers Role**

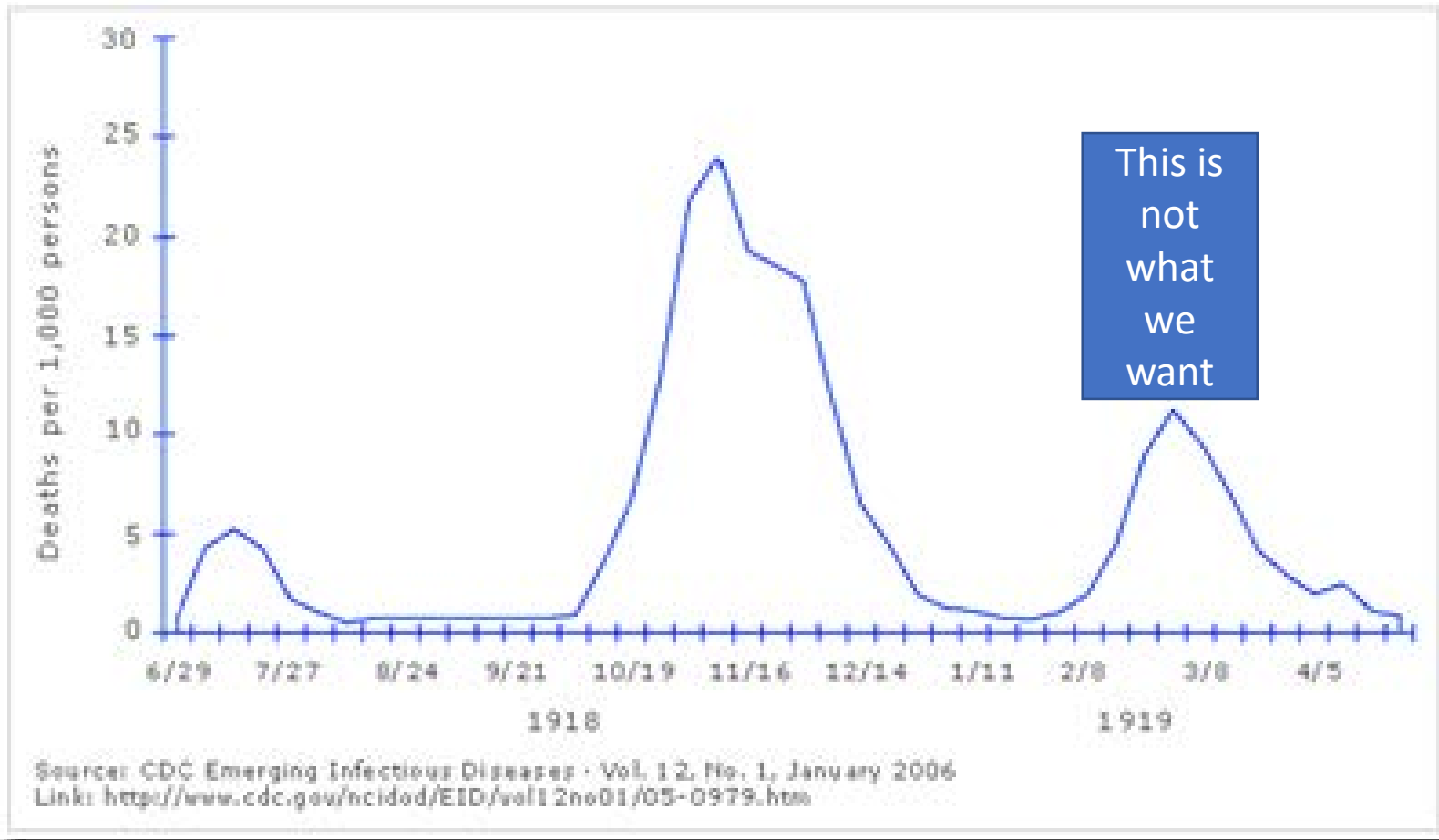


<https://covid19.healthdata.org/projections>



# 1918 Flu Pandemic

Below: Three pandemic waves: weekly combined influenza and pneumonia mortality, United Kingdom, 1918–1919



# What's Important Now (WIN)

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- ❖ Identify and contact high-risk patients
- ❖ Maximize non-face-to-face visits using telemedicine
- ❖ Identify appropriate candidates for testing
- ❖ Maximize clinical management of patients
- ❖ Stay current, stay safe
- ❖ **TELEMEDICINE is the new normal**

# Messaging to All Patients

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- ❖ *Stay home, stay away from this virus* – it can kill you, anyone can carry the virus
- ❖ We are here to support your medical needs - call
- ❖ Ensure your caregiver is also maintaining distance from others and frequently handwashing
- ❖ Maintain at least a 2-week supply of food and medicine
- ❖ Get exercise, rest and social connections - safely

# Opportunities to Volunteer and Serve

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- ❖ Volunteer staffing opportunities - Maryland Responds Medical Reserve Corps (MRMRC)
  - <https://mdresponds.health.maryland.gov/>
  - Complete [Road to Readiness](#)
- ❖ [NIH serosurvey](#): Donate blood samples to help the NIH determine how many US adults without confirmed history of COVID-19 infection have antibodies to the virus

# Hospital Surge Preparedness

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- ❖ Convention Center needs medical staff – Visit <https://www.linkedin.com/jobs/view/1788387174>
  - ❖ Tents and Modular Units - including ICUs
  - ❖ Expansion within facilities
  - ❖ Professional student staffing
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- ❖ Employment opportunities for healthcare professional and support staff: [www.MarylandMedNow.com](http://www.MarylandMedNow.com)

# COVID-19 Testing Site Information

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- ❖ Patients require a provider order for referral to testing sites
- ❖ Providers contact your local hospital or use the link below
- ❖ Sites are subject to host location restrictions and availability
- ❖ MD is also piloting drive-thru testing at several Vehicle Emissions Inspections Program (VEIP) locations – [FAQs available here](#).
- ❖ Current list of testing sites, please click [here](#)



# Testing Locations – what is known

Testing Site Name	Location	Contact
MedStar St. Mary's Hospital	25500 Point Lookout Rd., Leonardtown, MD 20650	301-475-4911
UMMS, Upper Chesapeake Hospital	500 Upper Chesapeake Dr., Bel Air, MD 21014	443-843-8880
LifeBridge Health, Carroll Hospital	200 Memorial Ave., Westminster, MD 21157	410-601-2222
LifeBridge Health, Sinai Hospital	2401 W. Belvedere Ave., Baltimore, MD 21215	410-601-2222
Greater Baltimore Medical Center Health Partners	555 W. Towsontown, Blvd., Towson, MD	443-849-6819
Queen Anne's County Health Department	1000 College Circle, Wye Mills, Talbot, MD 21679	443-262-9900
Frederick Health Tollhouse	501 W. 7 <sup>th</sup> St., Frederick, MD 21701	240-215-6310
FedEx Field	Prince George's County	301-883-6627
<u>MedStar Health</u>	Ctrl + click on "MedStar Health" to your left	

# Reaching Out to Vulnerable Populations

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- ❖ Long-term care residents
  - Skilled Nursing Facilities
  - Assisted Living Facilities
  - Continuing Care Retirement Communities
- ❖ Homeless
- ❖ Group homes, Foster Homes
- ❖ Inmates
- ❖ Others with marginal social support
- ❖ **Remember to support healthcare workers**

# CDC Guidelines for COVID Patient Management

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- ❖ Healthy people can be monitored, self-isolated at home
- ❖ People at higher risk should contact healthcare providers early, even if illness is mild
- ❖ Older adults and people with severe underlying chronic medical conditions are at higher risk, need closer contact
- ❖ Emergency Department and Hospitals only when needed - not for screening or low risk/minimal disease
- ❖ **Guidelines are important and powerful tools, but remember providers' clinical experience and judgment are key to care**

# Personal Protective Equipment (PPE) Requests

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- ❖ Routed through Local Health Departments
- ❖ Priority as previously stated - may change over time
- ❖ Remain in scarce supply
  
- ❖ Find PPE request forms and local contacts [here](#)

# Primary Care Collaborative (PCC) Clinician Survey

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- ❖ PCC represents a broad group of public and private organizations and supports the growth of high-quality primary care against COVID-19
- ❖ Partnered with the Larry A. Green Center to weekly survey PC clinicians: How are you responding and what is your capacity?
- ❖ Results available at [thepcc.org/covid](https://thepcc.org/covid)
- ❖ [Complete this week's survey by Monday \(today\) at midnight](#)

# Primary Care Collaborative (PCC) Clinician Survey – Week 5 Results

<b>Q1: What is your practice capacity for C-19 testing?</b>				
		# responses	% of sample	% national survey
	No capacity	24	51.1%	34.4%
	CDC capacity	14	29.8%	32.0%
	CDC+ capacity	9	19.1%	29.3%
	Total capacity	0	0.0%	4.3%

<b>Q2: Level of strain related to C-19 on your practice?</b>				
		# responses	% of sample	% national survey
	1 - no impact	1	2.1%	2.0%
	2	3	6.4%	4.4%
	3	6	12.8%	17.9%
	4	12	25.5%	34.3%
	5 - severe impact	25	53.2%	41.3%

Source: The Larry A Green Center

# Primary Care Collaborative (PCC) Clinician Survey – Week 5 Results

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- ❖ 78.7% reported having level 4 or 5 stress in practice along 1-5 range
- ❖ The most important causes of stress include lack of PPE, limiting well and chronic care visits, patient volume decrease, patients unable to use telehealth modes, and rising family and economic concerns among patients and practice members
- ❖ Lower-level concerns included clinician and staff out and the need to lay off/furlough employees

# Financial Stress Threatens to Shut Practices

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- ❖ **Financial strain on primary care practices is impacting their ability to keep staff employed and doors open**
  - 42% of respondents report the “need to layoff or furlough practice members” as a stress on their practice
  - Fewer than half of respondents feel they have enough patient volume to stay open for the next four weeks (46%) or enough cash on hand to stay open for the next four weeks (47%)
- ❖ **External financial support is increasing but may be slow to arrive**
  - Majority of respondents are uncertain they will receive payments for virtual care: “likely to receive payment for video and e-based care?” No: 10%; Unsure: 43%. “Likely to receive payment for your telephone-based care?” No: 16%; Unsure: 44%
- ❖ Most (85%) have seen dramatic decreases in patient volume
- ❖ [Source: Week 5 Survey; Executive Summary](#)



# CME Disclosures and Evaluation

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- ❖ Presenters and Planners: Howard Haft, MD, has reported no relevant financial relationships to disclose.
- ❖ MedChi CME Reviewers: The reviewers from the MedChi Committee On Scientific Activities (COSA) for this activity have reported no relevant financial relationships to disclose.
- ❖ Please complete an evaluation at: [COVID-19 Update Evaluation](#)

# Announcements

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- ❖ Future Spotlights - Specialty Care, Pediatrics
  
- ❖ This week:
  - Wednesday – Dr. Hinda Dubin, Behavioral Health
  - Friday – Guest Healthcare Practitioners
    - ✓ Dr. Nnaemeka Agajelu

# Feedback to us at MDPCP

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We are working to help you.

Please feel free to send us your feedback, ideas, and comments at: [mdh.pcmode@maryland.gov](mailto:mdh.pcmode@maryland.gov)

Q&A

# Questions and Answers

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Please type into the Questions box on the right side of your screen.

# Staying Current - Sources

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- ❖ [CDC](#)
- ❖ [MDH COVID-19 information page](#)
- ❖ [MDPCP COVID-19 webpage](#)
- ❖ Local Health Departments
- ❖ [CONNECT](#)
- ❖ Clinician Letters
- ❖ Multiple Resource Links in Appendix

# Appendix

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## Resources Links

# Federal Emergency Funds for Small Business

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- ❖ [Disaster Loan Assistance](#) (from Small Business Administration)
  - Low-interest financial disaster loans for working capital in small businesses suffering substantial economic injury due to COVID-19
  - [FAQs](#)
- ❖ [CARES Act](#) (pending federal legislation)
  - Sets up a \$350 billion loan program for small businesses
  - Small businesses can apply for low-interest loans that cover up to 2.5 months of expenses
  - Maximum loan amount is \$10 million
  - Loans can cover payroll, rent, utilities, or existing debt obligations
  - Interest rates cannot exceed 4%
  - If employer continues to pay workers through June, the amount of the loans that went toward eligible costs would be forgiven
  - Loans will be available through the [Small Business Administration](#) and Treasury-approved banks, credit unions, and some nonbank lenders

# State Emergency Funds for Small Business

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- ❖ [COVID-19 Layoff Aversion Fund](#) (from Maryland Governor Larry Hogan and Maryland Dept. of Labor)
  - Designed to support businesses undergoing economic stresses due to the pandemic by minimizing the duration of unemployment resulting from layoffs
  - Award of up to \$50,000 per applicant
  - Will be quick deployable benefit and customizable to specific business needs
- ❖ [View the One-Pager](#)
- ❖ [COVID-19 Layoff Aversion Fund Policy](#)
- ❖ [COVID-19 Layoff Aversion Fund Application](#) (Excel)
- ❖ Submit your completed application to: [LaborCOVID19.layoffaversion@maryland.gov](mailto:LaborCOVID19.layoffaversion@maryland.gov).



# Food Resources

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❖ Nutrition: Inform patients that children can receive three free meals/day at sites listed on:

➤ [Maryland Summer Meals](#)

[Howard County](#)

➤ [Montgomery County](#)

[Anne Arundel County](#)

➤ [Prince Georges County](#)

[St. Mary's County](#)

➤ [Charles County](#)

[Harford County](#)

➤ [Frederick County](#)

[Calvert County](#)

❖ Free meals available from 42 rec centers in Baltimore

➤ Call 311 for locations and to schedule pickup time

# Resources for Specific Groups

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- ❖ Community- and Faith-Based Organizations  
(<https://www.cdc.gov/coronavirus/2019-ncov/community/guidance-community-faith-organizations.html>)
- ❖ Mass Gatherings and Large Community Events  
(<https://www.cdc.gov/coronavirus/2019-ncov/community/mass-gatherings-ready-for-covid-19.html>)
- ❖ Non-Pharmaceutical Interventions for Specific Groups  
(<https://www.cdc.gov/nonpharmaceutical-interventions/index.html>)

# Resources and References

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- ❖ Maryland Department of Health Coronavirus Website (<https://coronavirus.maryland.gov>)
- ❖ CDC Coronavirus Website (<https://www.cdc.gov/coronavirus/2019-nCoV/index.html>)
- ❖ CDC National data on COVID-19 infection and mortality (<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html>)
- ❖ CDC Interim Guidance for Homes and Communities (<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-prevent-spread.html>)
- ❖ CDC Interim Guidance for Businesses (<https://www.cdc.gov/coronavirus/2019-ncov/specific-groups/guidance-business-response.html>)
- ❖ CDC Interim Guidance for Childcare and Schools (<https://www.cdc.gov/coronavirus/2019-ncov/specific-groups/guidance-for-schools.html>)
- ❖ CDC Travel Website (<https://wwwnc.cdc.gov/travel/>)

# State Emergency Funds for Small Business

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- ❖ [Maryland Small Business COVID-19 Emergency Relief Loan Fund](#)
  - \$75 million loan fund (to be paid to for-profit business only)
  - Loans are up to \$50,000
  - No interest or principal payments due for the first 12 months
  - Thereafter converts to 36-month term loan of principal and interest payments, with interest rate of 2% per annum
- ❖ [Maryland Small Business COVID-19 Emergency Relief Grant Fund](#)
  - \$50 million grant program for businesses and non-profits
  - Grant amounts of up to \$10,000
  - Grant amounts not to exceed three months of demonstrated cash operating expenses for Q1 2020
- ❖ [Emergency Relief Fund FAQ](#)
- ❖ Questions or concerns  
email [fpaaworkflowcoordinator.commerce@maryland.gov](mailto:fpaaworkflowcoordinator.commerce@maryland.gov).