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RiskIQ i3:

COVID-19 Daily Update
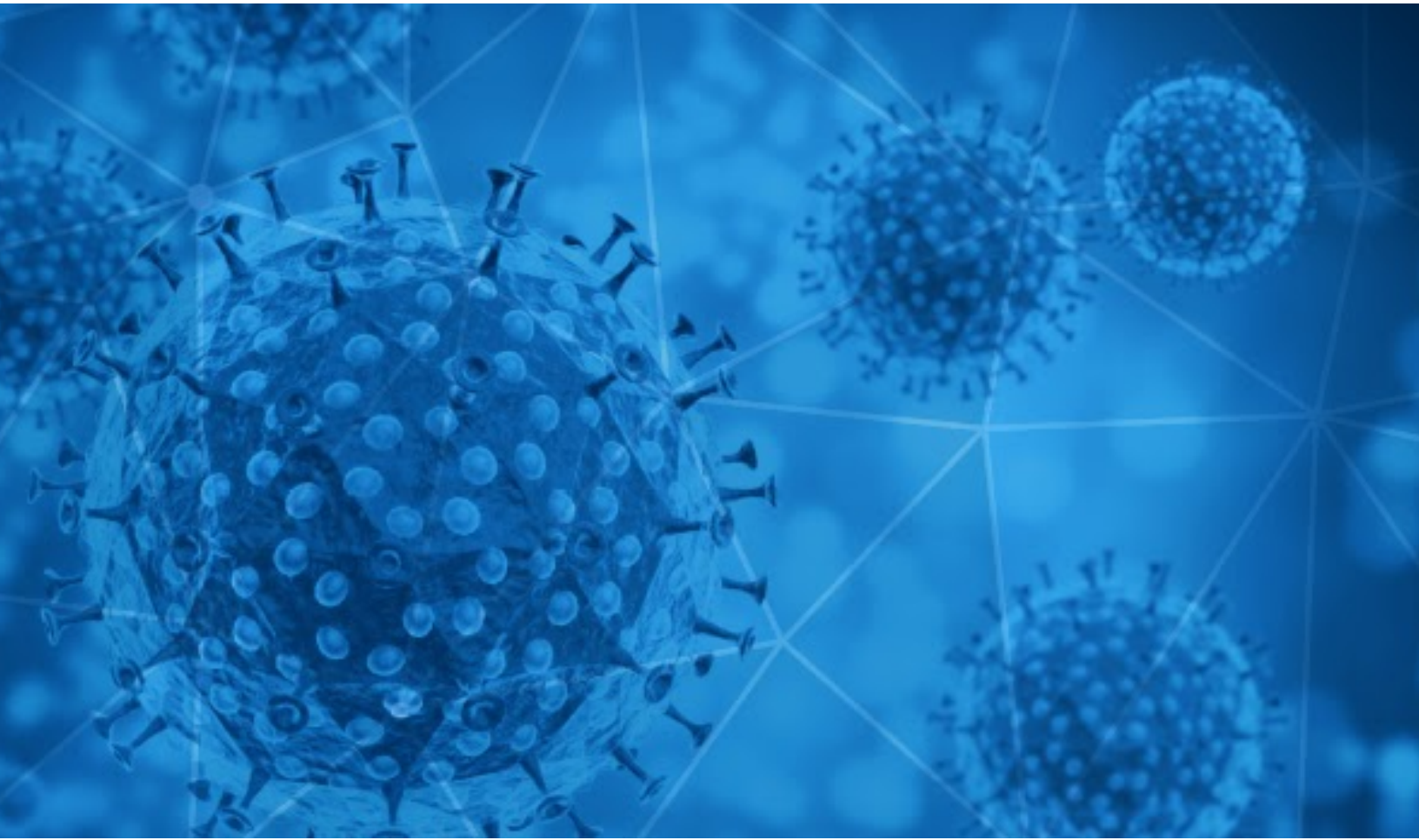
04/07/2020

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Methodology

The information provided in this report is limited to open source and publicly available data discovered through standard, commonly known browsing techniques and keyword searches. To provide efficient results, RiskIQ may use websites that require payment in exchange for aggregation of data that is otherwise publicly available without payment and could be obtained by anyone accessing the correct sites or engaging the correct third parties to obtain the information. Information presented in this report is cross-checked against multiple sources for full verification; however, some assessments and conclusions are based on incomplete information and represent the RiskIQ analyst's judgment based on patterns and data available.

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Notable Events: Previous 24 Hours

The American Thoracic Society (ATS), which specializes in the treatment of respiratory diseases, issued guidelines for medical practitioners to use hydroxychloroquine or chloroquine on COVID-19 patients. ATS guidelines say the drugs can be used if shared decision-making is possible, the patient is ill enough to warrant its use, data can be collected to compare outcomes, and the drug is not in short supply. The ATS said current data about the drugs' efficacy is contradictory, but experimental use of the drug is warranted during the crisis.

Stock futures are pointing to more gains as markets see optimism COVID-19 cases may be slowing. In the U.S., the S&P 500 gained 7%, the Dow Jones Industrial Average grew by 7.7%, and the Nasdaq grew by 7.3% Likewise, both European and Asian markets also experienced gains in their respective markets.

Major League Baseball (MLB) is mulling over beginning the season in May, with all thirty teams playing in Phoenix, AZ in empty stadiums. MLB officials stated any plans to begin the regular season would be contingent on the public health situation improving to where it is safe to do so.

The Trump administration ordered 167 million face masks from the 3M Company over the next three months. The administration invoked the Defense Production Act against the company last week. 3M reported it is working with the Trump administration to resume imports from its Chinese factory.

Five researchers from Harvard University discovered that individuals with long-term exposure to air pollution had increased mortality from COVID-19. The study concluded, "A small increase in long-term exposure to [particulate matter] leads to a large increase in COVID-19 death rate, with the magnitude of increase 20 times that observed for [particulate matter] and all cause mortality." The authors reported an increase in air pollution of one gram per cubic meter led to as much as a 15% increase in mortality.

Wisconsin voters waited in long lines to vote in the state's primary election on Tuesday, 04/07/2020. Thousands of voters who registered for absentee ballots will not receive them in time and must choose between voting in person or skipping voting.

New York Governor Andrew Cuomo reported President Trump agreed to allow COVID-19 patients to be treated aboard the USNS Comfort, providing an additional 1,000 beds.

U.K. Prime Minister Boris Johnson is reported to be in stable condition and is not presently on a ventilator. Johnson is receiving oxygen treatment without ventilation and does not have pneumonia at this time.

Digital Exploitation

Cyber actors are spoofing Zoom and other remote working tools to deploy malware, according to LookingGlass Global Intelligence Update. These fake Zoom invitations are socially engineered to target those unfamiliar with Zoom to install cryptocurrency miners, adware, and/or remote access trojans. Related, Michigan's chief federal, state, and local law enforcement officials joined together to warn anyone who hacks into a teleconference that they can be charged with state or federal crimes. According to Michigan's Department of Justice, the charges may include disrupting a public meeting, computer intrusion, using a computer to commit a crime, hate crimes, fraud, or transmitting threatening communications.

NASA has experienced an exponential increase in malware attacks and a doubling of agency devices trying to access malicious sites in the past few days, the space agency's Office of the Chief Information Officer said on Monday 4/06/2020. Tricking people into clicking on malicious links or opening malicious email attachments remains one of the easiest ways to gain entry into enterprise networks and individual computers users alike.

Kentucky FBI Special Agent in Charge Robert Brown warned about robo-calls selling fake medical supplies like masks or COVID-19 tests. He also warned there are fake testing tents that offer coronavirus tests for $240 and the criminals take people's Medicaid and Social Security information.

London police have seen as many as 50 scam reports a day with many related to an email asking for donations to buy "medical preparations and supplies" for the National Health Service to cope with COVID-19. Other scams purporting to be official messages from the government include texts telling people they have been fined £250 for leaving their home more than once during the lockdown, according to the Guardian.
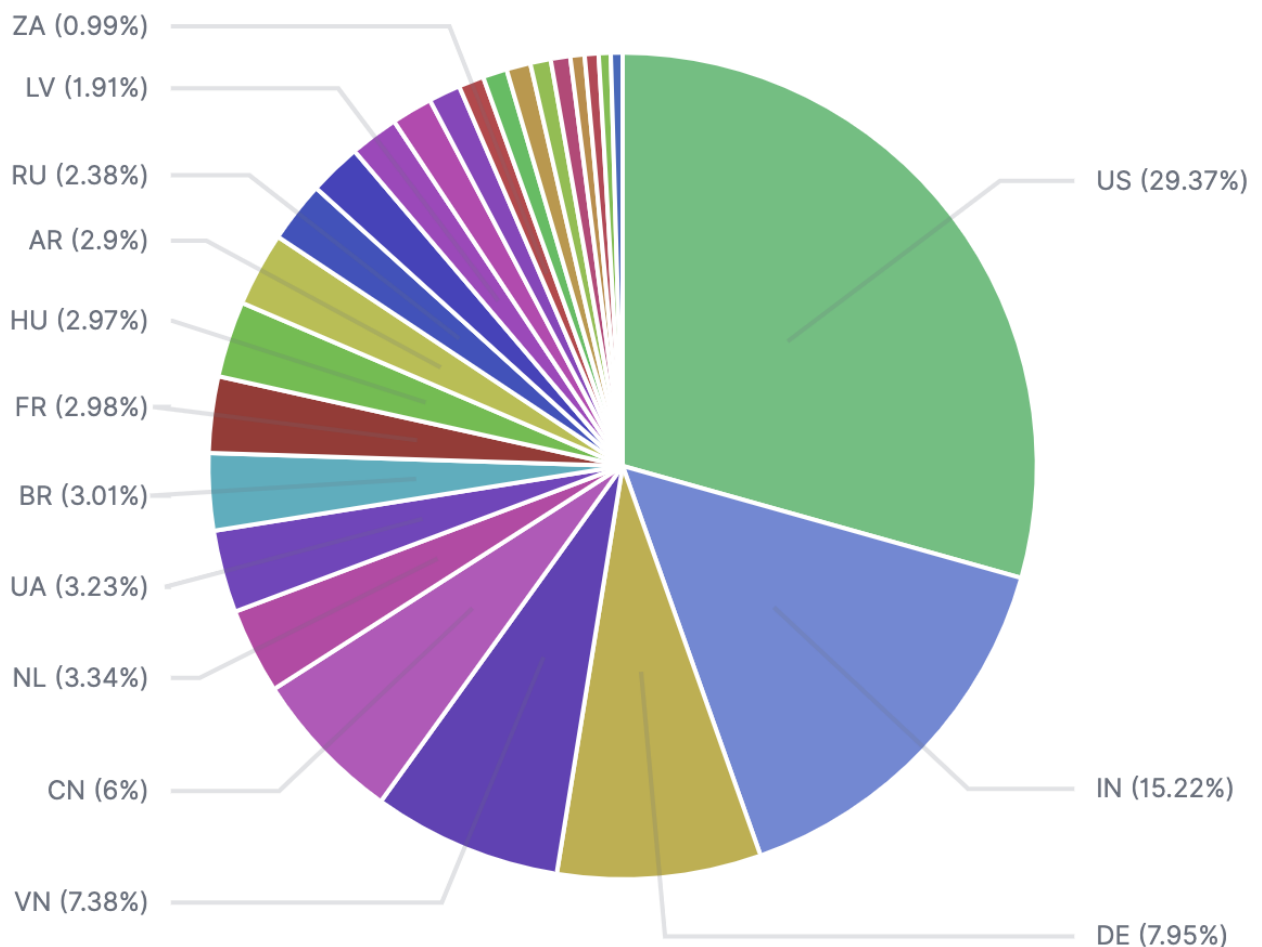
Interpol has issued an alert to global police about the heightened risk of ransomware attacks on hospitals and other front-line organizations as they battle the COVID-19 pandemic. The law enforcement organization said it issued a Purple Notice to all 194 member countries, highlighting the scale of the threat, according to Info Security reporting.

New Blacklist Data

Note: No new updates. Please see the COVID-19 Daily Update (dated 04/06/2020) for the most recent data.

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/06/2020-04/07/2020. During this period, RiskIQ analyzed 249,907 spam emails containing either "*corona*" or "*covid*" in the subject line. There were 17,461 unique subject lines observed during the reporting period. The spam emails originated from 9,156 unique sending email domains and 15,884 unique SMTP IP Addresses. Analysts identified 2,418 emails which sent an executable file for Windows machines.

ZA (0.99%)
LV (1.91%)
RU (2.38%)
AR (2.9%)
HU (2.97%)
FR (2.98%)
BR (3.01%)
UA (3.23%)
NL (3.34%)
CN (6%)
VN (7.38%)
US (29.37%)
IN (15.22%)
DE (7.95%)

Spam emails by country of origin

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Top 25 Subjects

1. 52,186 - Anti Coronavirus Disease (COVID-19) KN95 Face Mask is Avilable Now!

2. 20,107 - The Mask that can prevent Coronavirus now

3. 10,517 - Re: UN COVID-19 Stimulus

4. 10,259 - Coronavirus is spreading, this specialized mask can control it

5. 6,397 - ✅ Corona Virus Reusable Protective Mask for Adult and Kids

6. 5,344 - Kann das CORONAVIRUS vorgebeugt werden? Atemmaske für wirksamen Schutz

7. 5,340 - Hast du Angst vor dem Corona-Virus? Neue Atemmaske, schütze deine Lieben

8. 5,316 - Coronavirus, Grippe? Hier ist die Atemmaske mit einem speziellen Filter

9. 5,312 - ATEMMASKE zur Bändigung des Coronavirus - Sicherheit auf FFP2-Ebene

10. 5,269 - Würdest du das CORONAVIRUS stoppen? Die Atemmaske schützt auch vor neue Infektion

11. 5,232 - Droht CORONAVIRUS? Mit Atemmaske können Probleme vorgebeugt werden

12. 5,129 - Message from Airtel CEO - Keeping you connected during COVID - 19

13. 3,196 - The Corona Letter: The district story

14. 3,180 - CORONAVIRUS ALERT:Breathing Mask

15. 2,993 - Ethical Covid-19 Pandemic Supplier

16. 2,160 - Aarogya Setu - The fight against COVID-19

17. 2,054 - Contribute your bit in fight against COVID-19

18. 1,885 - Americans face next "Pearl Harbor moment," a tiger tests positive for COVID-19, and more from Apple News

19. 1,837 - Oracle offers free access to cloud courses and certification till May 15 | COVID-19: These tech companies took the no-layoffs pledge

20. 1,755 - We will sail through the COVID TIMES...Together!!

21. 1,540 - COVID19 Offer -85%

22. 1,303 - Fight COVID-19 with $100 at Drive Thru!

23. 1,160 - This Mask Stops Coronavirus

24. 952 - ✅ Corona Virus Reusable Washable Mask for Adult & Kids

25. 913 - CoronaVirus just killed 10,000 Americans, with 3,000 DYING in 24 hours + CoronaVirus Versus the Flu

Top Subjects Containing Attachments with Executable Files for Windows Machines (PE/EXEs)

1. 486 - RE: (COVID-19) CI OF NEW ORDER---3013670

2. 477 - Payment For Outstanding Invoices (coronavirus outbreak)

3. 454 - (DUE TO COVID-19) remaining Order

4. 350 - Purchase Order (PO For-COVID-19 Products)

5. 302 - WHO Health Alert brings COVID-19 facts For All Business Owners

6. 169 - Informative Program on COVID-19

7. 150 - Urgent Inquiry For COVID19_RFQ for Document No. UES/SCM/002 rev 1

8. 28 - RE: PO (COVID-19)

9. 1 - Important Notice to Our Corporate Clients & Partners - COVID -19

10. 1 - Fwd: RE: PO (COVID-19)

Top Countries Sending SPAM - Covid/Coronavirus Contained in Subjects (by Geolocation on SMTP IP Address)

1. 57,779 US
2. 29,953 IN
3. 15,643 DE
4. 14,511 VN
5. 11,801 CN
6. 6,577 NL
7. 6,345 UA
8. 5,922 BR
9. 5,869 FR
10. 5,851 HU
11. 5,701 AR
12. 4,690 RU
13. 4,036 IT
14. 3,748 LV
15. 3,146 BG
16. 2,450 GB
17. 1,947 ZA
18. 1,864 CA
19. 1,849 ES
20. 1,570 KR
21. 1,497 ID
22. 1,093 PL
23. 1,068 CO
24. 919 BD
25. 901 BE

COVID-19 Host, Domain, and Mobile App Tracking

RiskIQ gathers data relating to newly-observed hosts and domains containing COVID-19, COVID19, or Coronavirus in the host or domain name and mobile apps containing COVID-19, COVID19, or Coronavirus in the title or description. A summary of data collected is contained in this section.

Domains and Hosts

Domains: 53,311
Hosts: 60,613
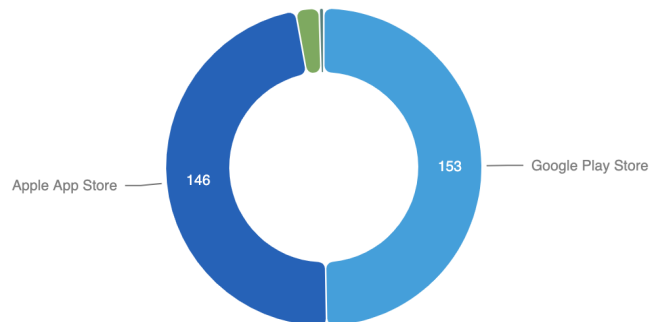Hosts and Domains with Potential Mail Servers: 251
Email-Capable Domains and Hosts: 19,508
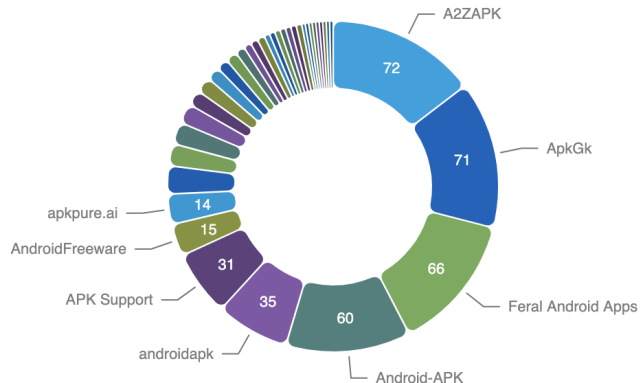Live Hosts and Domains Not Parked: 24,488

Mobile Apps

1. Apps in Official Stores: 307 (See Graph)
   a. Google Play Store: 153
   b. Apple App Store: 146
   c. Windows Phone: 7
   d. Amazon: 1

Apps on Official Stores

2. Apps in Secondary/Hybrid Stores: 472 (See Graph)

3. Blacklisted Mobile Apps by Store Type:
   a. Secondary: 19
   b. Hybrid: 1

Apps on Secondary and Hybrid Stores by store

Facts and Figures at a Glance

Data is from [Johns Hopkins Coronavirus Resource Center](.).

Global

Total Cases: 1,363,365
Total Fatalities: 76,420
Countries w/ Confirmed Cases: 184

U.S.

Total Cases: 368,533
Total Fatalities: 11,008
Jurisdictions Reporting Cases: 54 (50 states, District of Columbia, Puerto Rico, Guam, and U.S. Virgin Islands)

Highest COVID-19 Case Count: U.S.

States

1. New York: 131,830
2. New Jersey: 40,90
3. Michigan: 17,221

Counties

1. New York City (NY): 72,181
2. Nassau County (NY): 15,616
3. Westchester County (NY): 14,294
4. Suffolk County (NY): 14,185
5. Cook County (IL): 8,728
6. Wayne County (MI): 8,270
7. Bergen County (NJ): 6,862
8. Los Angeles County (CA): 6,377
9. Rockland County (NY): 5,703
10. Miami-Dade County (FL): 4,671

Stay-At-Home/Shelter-In-Place Orders

State	Start	End	State	Start	End
California	03/19	TBD	New Hampshire	03/27	05/04
Illinois	03/21	04/30	Montana	03/28	04/10
New Jersey	03/21	TBD	Rhode Island	03/28	04/13
New York	03/22	TBD	Alaska	03/28	04/11
Connecticut	03/23	04/22	Kansas	03/30	04/19
Kentucky	03/23	TBD	North Carolina	03/30	04/29
Louisiana	03/23	04/13	Maryland	03/30	TBD
Ohio	03/23	04/06	Virginia	03/30	06/10
Oregon	03/23	TBD	Arizona	03/31	04/30
Washington	03/23	04/06	Tennessee	03/31	04/14
Delaware	03/24	05/15	Washington, DC	04/01	04/24
Indiana	03/24	04/06	Nevada	04/01	04/30
Michigan	03/24	04/13	Pennsylvania	04/01	04/30
New Mexico	03/24	04/10	Oklahoma	04/01	04/30
Massachusetts	03/24	05/04	Texas	04/02	04/30
West Virginia	03/24	TBD	Maine	04/02	04/30
Hawaii	03/25	04/30	Florida	04/03	04/30
Wisconsin	03/25	04/24	Georgia	04/03	04/13
Vermont	03/25	04/15	Mississippi	04/03	04/20
Idaho	03/25	04/15	Missouri	04/06	04/24
Colorado	03/26	04/11	South Carolina	04/07	TBD
Minnesota	03/27	04/10			

Governmental Guidance

State & Local Governments

California

As of 04/07/2020, California has 16,363 confirmed COVID-19 cases and 388 deaths. Six Bay Area counties (Alameda, Contra Costa, Marin, San Mateo, San Francisco and Santa Clara) now require grocery stores to ban reusable bags, pausing the environment-friendly policy that did away with single-use plastic bags, due to coronavirus health concerns. In their shelter-in-place orders extended to May 3, counties required chains, such as Safeway and Whole Foods, and local stores to ban reusable bags and to offer single-use plastic and paper bags. San Francisco was among the first cities in the country to ban single-use plastic bags in 2007.

Illinois

As of 04/07/2020, Illinois has 12,264 confirmed cases of COVID-19 and 308 deaths. Warm weather is sparking concerns that residents will ignore social distancing guidelines and a state stay-at-home order issued to curb the spread of the new coronavirus. Since March 20, the Chicago Police Department issued 1,600 group dispersals and 11 citations to people in violation of the stay-at-home order, and arrested three others. Mayor Lori Lightfoot warned Monday that the city would step up enforcement efforts as the weather warmed.

Massachusetts

As of 04/07/2020, Massachusetts has confirmed 13,837 cases of COVID-19 and 260 deaths. A testing site in Lowell opened Tuesday in partnership with CVS Health and is the first rapid, drive-through site open to the public. Governor Baker said it will test up to 1,000 patients per day with results available in 15 minutes.

New York

As of 04/07/2020, New York has confirmed 131,830 COVID-19 cases and 7,758 deaths. New York reported Monday its largest single-day increase in deaths related to COVID-19 at 731.

Washington, DC

As of 04/07/2020, the Washington, DC region has a total of 8,926 confirmed COVID-19 cases with 3,340 in Virginia, 4,371 in Maryland, and 1,215 in the District. The District of Columbia has a total of 23 deaths, Virginia has 63, and Maryland has 103 deaths. The DC region reported Monday its largest single-day increase in deaths related to COVID-19 at 169. Officials warned that the region could become one of the country's next hot spots, with hospitals preparing for a surge.

End Report