



RiskIQ i3:

COVID-19 Daily Update

04/16/2020

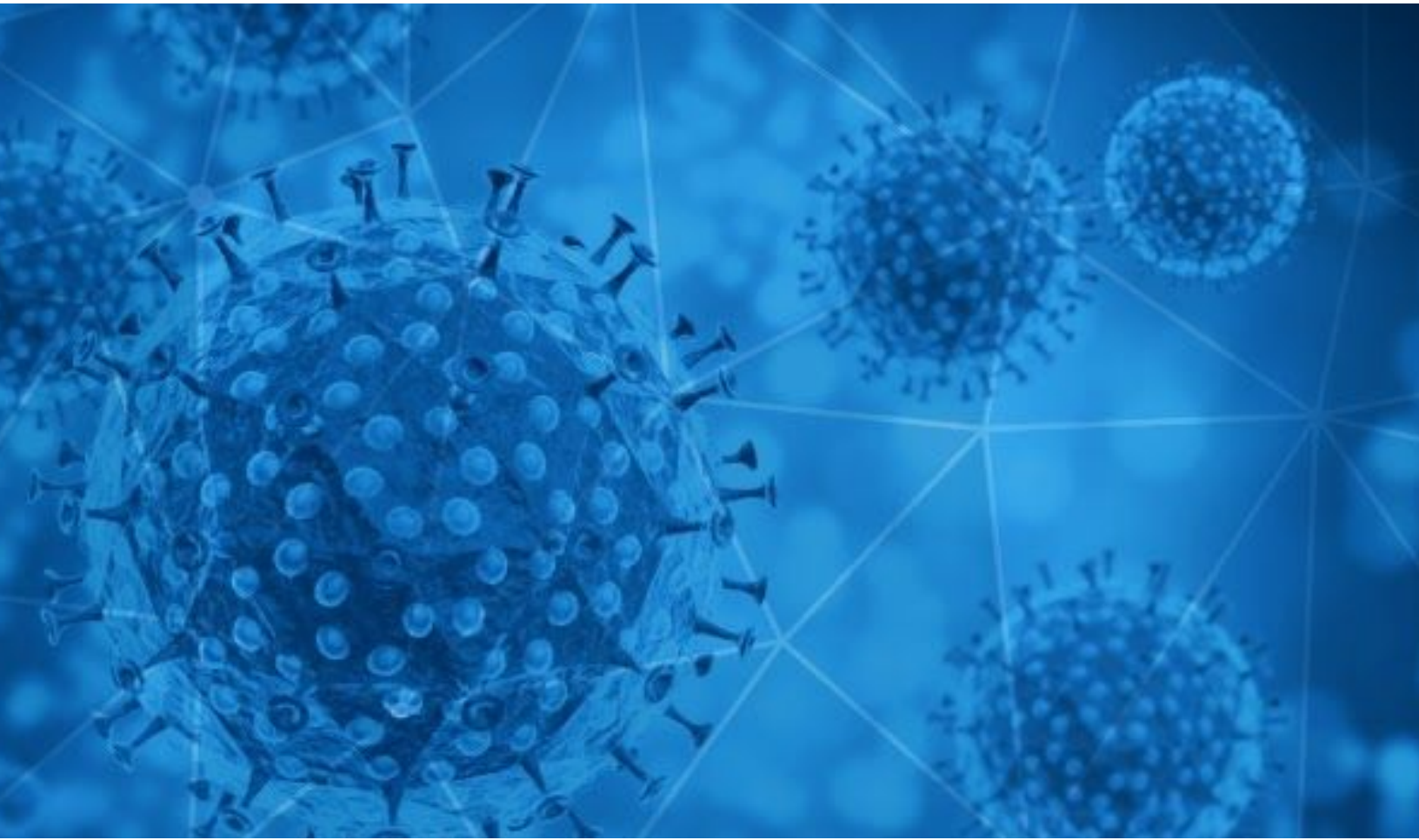


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Methodology

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.

Disclaimer

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Notable Events in the Past 24 Hours

New York Governor Andrew Cuomo issued an [executive order](#) requiring all New York residents to wear face masks while out in public. The new rule applies when individuals are in situations where maintaining social distancing is not possible, such as when on a subway platform or walking on a busy street. Residents were given a three-day warning to comply with the new policy.

The Justice Department's [Office of Inspector General](#) will inspect federal Bureau of Prisons facilities to evaluate the adequacy of COVID-19 prevention plans and procedures. More than 450 federal inmates and 280 Bureau of Prisons employees have tested positive for the virus; seventeen federal inmates have died since mid-March.

Missouri Governor Mike Parson said he will begin a [phased approach](#) to reopening the state after lockdown procedures end, while acknowledging that adequate testing must be in place before that can happen. Parson reported the state is currently conducting around 3,000 tests per day, but the state needs to be testing between 40,000 and 50,000 per day.

The Pennsylvania State Senate [passed a bill](#) that would partially lift the lockdown procedures; the bill is now sitting on Governor Tom Wolf's desk. Senate Bill 613 requires the governor to adhere to federal guidelines on which businesses are allowed to reopen, provided they comply with CDC and Cybersecurity and Infrastructure Security Agency mitigation strategies. Wolf has not indicated whether he will sign the measure, but said he is considering it.

About 10,000 employees representing twenty-seven of Major League Baseball's (MLB) thirty teams will take part in an [antibody study](#). MLB is teaming up with Jay Bhattacharya, a professor of medicine at Stanford University, and Daniel Eichner, the president of Sports Medicine Research and Testing Laboratory, to better understand the prevalence of COVID-19. A study of this nature would normally take a year or more to complete, but is already nearing completion after one month due to MLB's assistance.

[University Hospital in New Jersey](#) has been hard-hit by COVID-19. The hospital is dealing with high patient caseloads and also reports 200 of 664 employees have either tested positive for the virus or are at home taking care of sick family members. Shereef Elnahal, CEO of University Hospital, reported the U.S. Army will provide medical workers to help overcome the staffing shortfall.

Over 5 million Americans filed for first-time [unemployment claims](#) last week, which brings the total jobless claims to 22 million. These job loss figures have essentially negated ten years'

worth of job growth. Current figures suggest that the unemployment rate is hovering around 17%, which is substantially higher than the 10% unemployment during the 2009 recession.

The major banks in the U.S. are anticipating a [flood of loan defaults](#) as households and business customers take a big financial hit from the coronavirus pandemic.

New [Chinese export restrictions](#) have left American companies' U.S.-bound face masks, test kits and other medical equipment urgently needed to fight the coronavirus stranded, according to businesses and U.S. diplomatic memos.

The [initial \\$349 billion pool](#) for emergency loans for small businesses derailed by the coronavirus pandemic has run dry as Republicans and Democrats squabble over how to replenish the relief program.

The [flow of illegal drugs](#), including methamphetamines and heroin, has slowed down during the coronavirus-caused lockdowns around the U.S., the nation's top drug-enforcement official said. "What we're really seeing right now are supply-chain disruptions of nearly all illicit drugs," Uttam Dhillon, acting administrator at the Drug Enforcement Administration, said in an interview.

Digital Exploitation

Hackers are selling two critical [vulnerabilities](#) for the video conferencing software Zoom that would allow someone to hack users and spy on their calls, according to Motherboard. The two flaws are zero-days, and are currently present in Zoom's Windows and MacOS clients, according to the report.

Researchers from BitSight found that remote-work users are more likely to have malware on their devices, according to LookingGlass reporting. BitSight found that Trickbot malware was three times more likely and the Mirai botnet was twenty times more likely to be on home office networks than corporate networks. The Trickbot malware has been leveraged in order to deliver Ryuk ransomware to target hospitals, local and state governments, and corporations.

[Facebook](#) said today (04/16/2020) it will begin alerting users if they have interacted with harmful misinformation about COVID-19. This effort is a part of a series of new, aggressive steps to combat what health authorities have described as a global "infodemic."

Governments are imposing new digital surveillance tools to [track and monitor](#) individuals to slow the pandemic. While many citizens have welcomed tracking technology, some privacy advocates are wary, concerned that governments might not be inclined to unwind such practices after the health emergency has passed, according to the Wall Street Journal,

New Blacklist Data

hxxps://stayactive-covid-19[.]com/

hxxps://letsfightcovid-19[.]org/

hxxps://covid-19[.]com[.]im/

hxxps://covid-19-medical-mask[.]com/

hxxps://covid-19maskprovider[.]com/

hxxps://covid-19contained[.]com/

hxxps://covid-19campaign[.]com/

hxxp://coronavirustbt[.]com/

hxxps://mta[.]nausal[.]com/amex/American-Express-Covid-19-Stay-at-home/home/

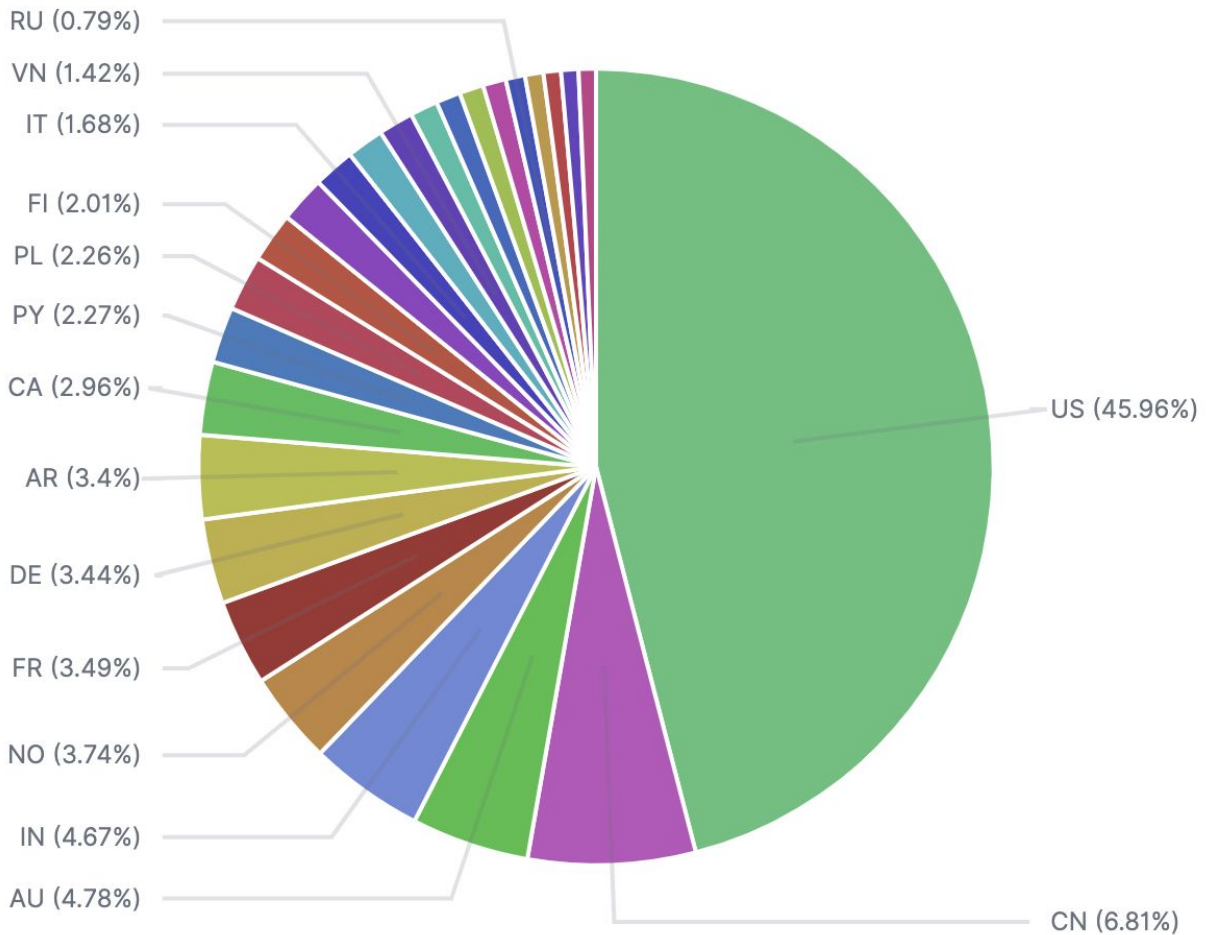
hxxp://American-Express[.]xvmiznat[.]com/

hxxps://no-covid-19-shop[.]myshopify[.]com/

hxxps://worldwear3[.]com[.]au/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/15/2020-04/16/2020. During this period, RiskIQ analyzed 178,289 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 19,002 unique subject lines observed during the reporting period. The spam emails originated from 11,738 unique sending email domains and 14,476 unique SMTP IP Addresses. Analysts identified 987 emails which sent an executable file for Windows machines.



Spam emails by country of origin

Top 25 Subjects

1. 18,286 - Honeywell FFP2 Masken gegen Corona
2. 14,199 - Original Honeywell Atem-Schutz-Masken 18,90 gegen COVID19
3. 9,044 - Original FFP2 Masken von Honeywell gegen Corona
4. 5,729 - UNITED NATIONS COVID-19 STIMULUS PACKAGE GRANTS
5. 4,245 - Ethical Pandemic Coronavirus Supplies
6. 3,918 - coronavirus.mascarilla de proteccion facial
7. 3,502 - ATTN:UNITED NATIONS COVID-19 STIMULUS PACKAGE GRANTS
8. 3,328 - The Corona Letter: New rules for locked down India
9. 3,056 - Maski COVID-19 koronawirus 69,9 zł / 10 sztuk
10. 3,038 - CORONAVIRUS ALERT: Breathing Mask
11. 2,798 - Fight COVID-19 with \$100 at Drive Thru!
12. 2,709 - Message from Airtel CEO - Keeping you connected during COVID - 19
13. 2,537 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte
14. 2,128 - Geef je weerstand een boost tegen het Corona Virus!
15. 1,740 - The Mask that can prevent Coronavirus now
16. 1,735 - Winners: COVID-19 Stay-at-Home CBT and Essay Challenge + Other Challenges
17. 1,499 - Re: Disposable Mask for Coronavirus (FDA/CE Certificated)
18. 1,445 - Purchase Order (PO For-COVID-19 Products)
19. 1,109 - Re: Urgent Covid-19 (Equipment)
20. 1,100 - Tunnel Sanitizante COVID-19
21. 1,084 - [REDACTED_DOMAIN] COVID'19 Relief Funds

22. 1,065 - COVID-19 COMPENSATION FUND
23. 944 - YOUR AUTOMATED INVESTMENT FUTURE CORONA MILLIONAIRE
24. 904 - Africans in China being blamed for the spread of COVID19 are being evicted from apartments & hotels
25. 856 - Coronavirus is spreading, this specialized mask can control it

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

1. 629 - RE: NEW ORDER CORONA KITS
2. 242 - Fight Against Covid-19 Pandemic
3. 67 - COVID-19 Prevention and guidelines
4. 18 - FREE COVID-19 Test Kits/PPE kits
5. 18 - COVID-19 prevenção e orientações
6. 6 - FW: COVID-19 LOCK-DOWN / SHIPPING DOCUMENTS
7. 5 - WTO_INTVTN_COVID-19
8. 2 - COVID-19 Prevention and guidelines....

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

1. 71,423 US	14. 2,614 IT
2. 10,583 CN	15. 2,352 BR
3. 7,432 AU	16. 2,206 VN
4. 7,255 IN	17. 1,754 EC
5. 5,819 NO	18. 1,549 BE
6. 5,417 FR	19. 1,528 HK
7. 5,342 DE	20. 1,456 NL
8. 5,289 AR	21. 1,222 RU
9. 4,607 CA	22. 1,162 ES
10. 3,532 PY	23. 1,104 ZA
11. 3,514 PL	24. 1,095 JP
12. 3,128 FI	25. 1,093 HU
13. 2,931 GB	

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: 63,591

Hosts: 72,689

Hosts and Domains with Potential Mail Servers: 275

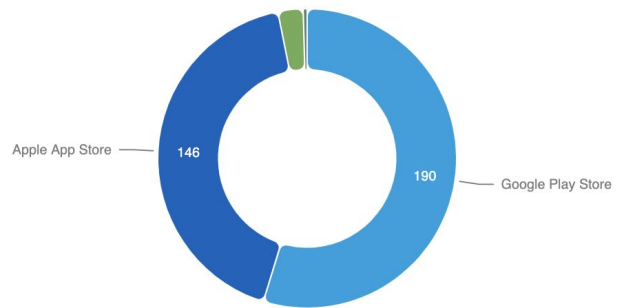
Email-Capable Domains and Hosts: 23,358

Live Hosts and Domains Not Parked: 28,334

Mobile Apps

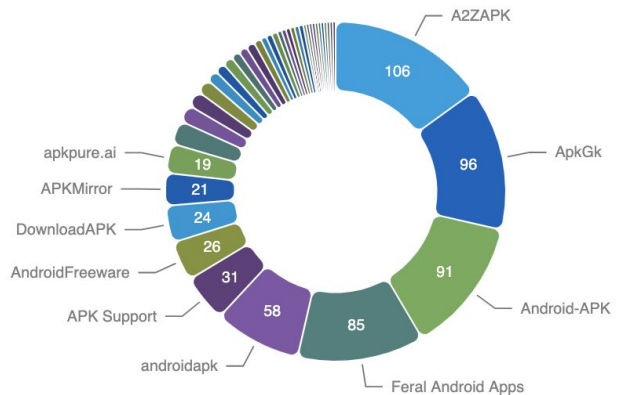
1. Apps in Official Stores: 346
 (See Graph)
 - a. Google Play Store: 190
 - b. Apple App Store: 146
 - c. Windows Phone: 9
 - d. Amazon: 1

Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 672 (See Graph)

Apps on Secondary and Hybrid Stores by store



3. Blacklisted Mobile Apps by Store Type:
 - a. Secondary: 27
 - b. Hybrid: 1
 - c. Official: 1

Facts and Figures at a Glance

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

Global

Total Cases: 2,081,969
Total Fatalities: 138,487
Countries w/ Confirmed Cases: 185

U.S.

Total Cases: 639,733
Total Fatalities: 30,990
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: 214,832
2. New Jersey: 71,030
3. Massachusetts: 29,918

Counties

1. New York City (NY): 118,302
2. Nassau County (NY): 26,715
3. Suffolk County (NY): 23,708
4. Westchester County (NY): 20,947
5. Cook County (IL): 17,306
6. Wayne County (MI): 12,544
7. Bergen County (NJ): 10,848
8. Los Angeles County (CA): 10,517
9. Essex County (NJ): 8,579
10. Hudson County (NJ): 8,511

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

State	Start	End	State	Start	End
California	03/19	TBD	Montana	03/28	04/24
Illinois	03/21	04/30	Rhode Island	03/28	05/08
New Jersey	03/21	TBD	Alaska	03/28	04/21
New York	03/22	TBD	Kansas	03/30	04/19
Connecticut	03/23	04/22	North Carolina	03/30	04/29
Kentucky	03/23	TBD	Maryland	03/30	TBD
Louisiana	03/23	04/30	Virginia	03/30	06/10
Ohio	03/23	05/01	Arizona	03/31	04/30
Oregon	03/23	TBD	Tennessee	03/31	04/30
Washington	03/23	05/04	Washington, DC	04/01	04/24
Delaware	03/24	05/15	Nevada	04/01	04/30
Indiana	03/24	04/20	Pennsylvania	04/01	04/30
Michigan	03/24	04/30	Oklahoma	04/01	04/30
New Mexico	03/24	04/30	Texas	04/02	04/30
Massachusetts	03/24	05/04	Maine	04/02	04/30
West Virginia	03/24	TBD	Florida	04/03	04/30
Hawaii	03/25	04/30	Georgia	04/03	04/30
Wisconsin	03/25	04/24	Mississippi	04/03	04/20
Vermont	03/25	05/15	Alabama	04/04	04/30
Idaho	03/25	04/30	Missouri	04/06	04/24
Colorado	03/26	04/26	South Carolina	04/07	TBD
Minnesota	03/27	05/04			
New Hampshire	03/27	05/04			

Governmental Guidance

State & Local Governments

California

As of 04/16/2020, California has 27,098 confirmed COVID-19 cases and 890 deaths. Three southern California churches which want to remain open amid the coronavirus pandemic [filed](#) a lawsuit against Governor Gavin Newsom and other officials Monday, arguing that stay-at-home orders violate their First Amendment right to freedom of religion and assembly. According to the lawsuit, one plaintiff, James Moffatt, senior pastor at Church Unlimited in Indio, was fined \$1,000 for violating Riverside County's order by holding a Palm Sunday service.

Illinois

As of 04/16/2020, Illinois has 24,593 confirmed cases of COVID-19 and 949 deaths. Chicago police are setting up [checkpoints](#) throughout the city both to remind people about the statewide stay-at-home order during the coronavirus outbreak and to "show a strong police presence" in areas hit by violence. Each of the city's 22 patrol districts will have one checkpoint each day, staffed by a supervisor and an unspecified number of officers.

New York

As of 04/16/2020, New York has 214,832 confirmed COVID-19 cases and 14,073 deaths. New York City [revised](#) its COVID-19 death toll sharply upwards to more than 10,000 people. The soaring death toll is fueled by the addition of 3,778 people who had not been tested for COVID-19, but are *presumed* to have died from it. Last week, New York City Mayor Bill de Blasio admitted the official death toll was probably too low as many people who died at home or in nursing homes were not included. The current death toll for New York City is 10,899.

Texas

As of 04/16/2020, Texas has 16,289 confirmed cases of COVID-19 cases and 391 deaths. Judge Tim Sulak [said](#) Wednesday that he will move forward with an order easing restrictions for voting by mail in Texas in light of the new coronavirus pandemic. He told the attorneys he will issue a temporary injunction allowing all voters who risk exposure to the coronavirus if they vote

in person to ask for a mail-in ballot under a portion of the Texas election code allowing absentee ballots for voters who cite a disability.

Washington, DC

As of 04/16/2020, the Washington, D.C. region has a total of 18,729 confirmed COVID-19 cases with 6,500 in Virginia, 10,032 in Maryland, and 2,197 in the District. The District of Columbia has a total of 72 deaths, Virginia has 195 deaths, and Maryland has 311 deaths. Virginia's shutdown of nonessential businesses has been [extended](#) to May 8. The order had been set to expire next week before Governor Ralph Northam extended it. The stay-at-home order remains in place until June 10. D.C. Mayor Muriel E. Bowser [extended](#) the public health emergency until May 15. It had previously been set to expire after April 24.

End Report