



RiskIQ i3:

COVID-19 Daily Update

04/20/2020

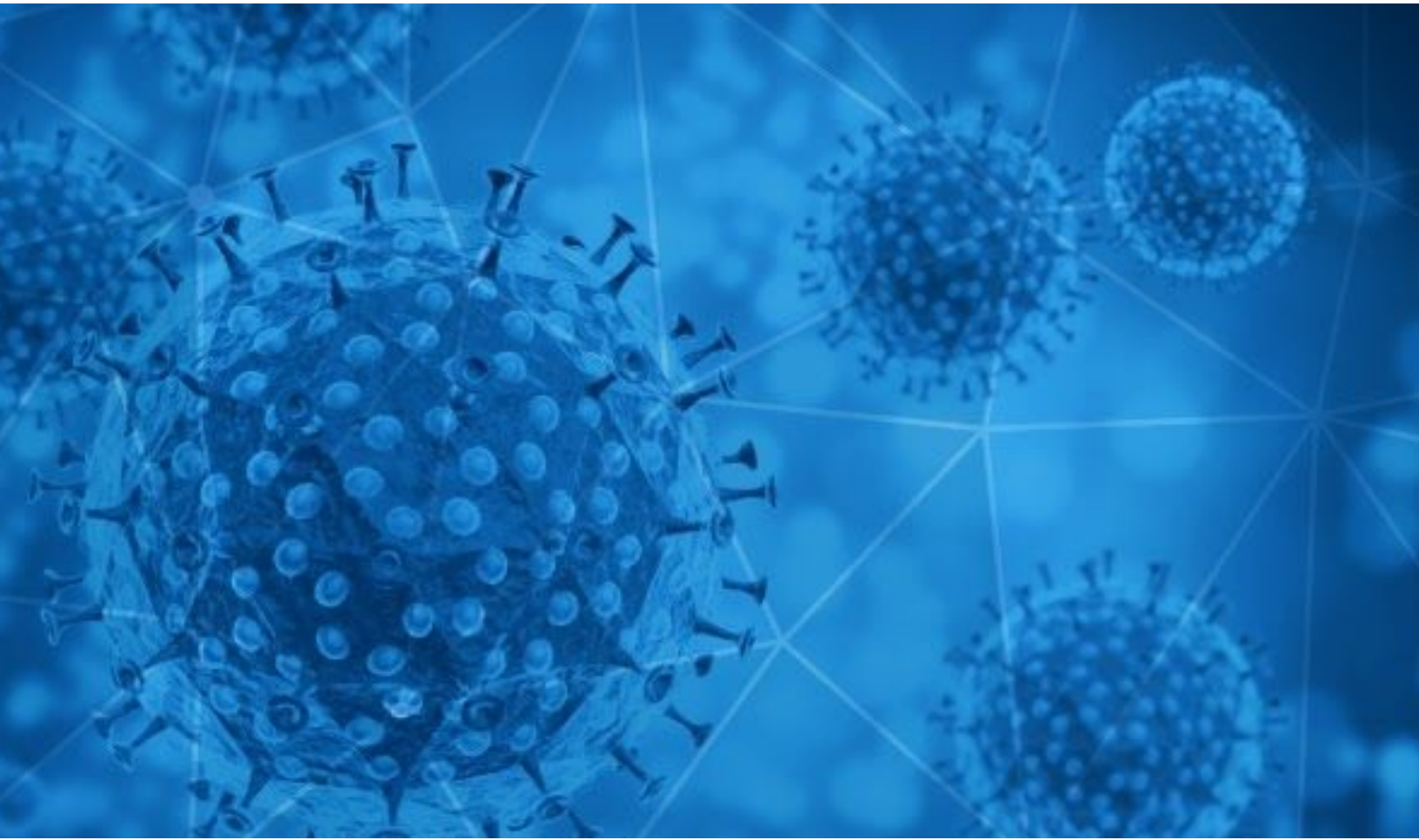


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Methodology

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 72 Hours

In the U.S., confirmed cases jumped by 202,196 (+36%) between 04/06/2020 and 04/13/2020. U.S. case fatalities rose by 28,574 (+129%) during the same period. New York remains the hardest-hit state in the country, accounting for 248,417 (33%) of the nation's confirmed cases.

Contamination in [manufacturing at the CDC](#) was responsible for delays in rolling out COVID-19 testing early in the pandemic response. Officials at the Food and Drug Administration (FDA) reported the CDC did not follow its own protocols, which led to the contamination. An FDA spokesperson said the CDC made the tests in its laboratories instead of its manufacturing facilities, which was inconsistent with CDC protocol.

[U.S. oil futures plunged below \\$0](#) for the first time Monday, a chaotic demonstration that there was no place left to store all the crude that the world's stalled economy would otherwise be using. This effectively means that sellers must pay buyers to take barrels off their hands. Refineries, storage facilities, pipelines and even ocean tankers have filled up rapidly since billions of people around the world began sheltering in place to slow the spread of the deadly coronavirus.

Hospitals in Japan are [turning away sick people](#) who try to receive services at emergency departments. Those being turned away often appear to be afflicted by serious ailments, including those suffering from strokes, heart attacks, and external injuries. Japan is facing shortages of hospital beds, personal protective equipment, and medical staff.

California Governor Gavin Newsom announced the state will acquire [15,000 hotel beds](#) to house the state's homeless population during the pandemic. Newsom said more than 4,000 homeless people have been removed from shelters and the streets and placed into motel rooms.

Florida Governor Ron DeSantis announced on Friday, 04/17/2020, that the state's beaches would reopen; likewise, South Carolina Governor Henry McMaster opened boat ramps and also announced plans to reopen beaches next week. Both moves to [reopen the beaches](#) to the public come as case numbers continue to mount in their respective states.

The Neiman Marcus Group plans to file for [bankruptcy protection](#) this week after being hard hit by the economic effects of the pandemic. After closing all of its Neiman Marcus stores, the company furloughed many of its 14,000 person workforce. Analysts from Standard & Poor described the company's chances of mounting a turnaround as "increasingly low."

Russian President Vladimir Putin said the country had the [COVID-19 pandemic under control](#) despite the country facing increasing case numbers. Putin's announcement came as the country reported 6,060 new cases on Sunday, marking a record high increase for Russia.

New York Governor Andrew Cuomo said the state plans to roll out significant [antibody testing](#) this week. The testing is expected to be the largest survey of any state's population. The tests detect antibodies in a person, indicating who has been infected and who likely has immunity built up against the virus.

President Trump announced he will leverage the [Defense Production Act](#) to compel a presently unnamed company to produce as many as 20 million swabs for COVID-19 testing per month.

The Centers for Medicare and Medicaid Services (CMS) now require [nursing homes](#) to report COVID-19 cases directly to the CDC, as well as to patients and their families. CMS Spokesperson Seema Verma said the policy will help the CDC track virus distribution in the country as parts of the country move to reopen.

Germany laid out a roadmap for [gradually reopening the country](#) following its lockdown procedures. Small shops, large car dealerships, bike shops, and book shops will be allowed to open on 04/20/2020, provided they adhere to social distancing guidelines; conversely, no decision has been made on reopening social venues such as restaurants and bars. Schools will be allowed to reopen on 05/04/2020. Large gatherings will continue to be banned until 08/31/2020.

Treasury Secretary Steve Mnuchin and Congressional Democrats are both hopeful a deal will soon be reached for [small-business funding](#) that would add additional relief after the \$350 billion in the previous stimulus package ran out. Mnuchin said the agreement is expected to include \$75 billion for hospitals and \$25 billion for testing.

Shake Shack, one of several large restaurant chains that got federal loans through the coronavirus stimulus law meant to help small businesses, said Sunday night that [it is giving all \\$10 million back](#). The New York-based burger company is among more than a dozen companies with annual revenues in the hundreds of millions that are reported to have received money from the Paycheck Protection Program.

Thousands of Los Angeles [city workers must take 26 furlough days](#)—the equivalent of a 10 percent pay cut—over the course of the next fiscal year as the nation's second-largest city deals with the economic fallout from the COVID-19 pandemic.

The [rising use of telemedicine](#) spurred by the novel coronavirus pandemic could lift the sector over obstacles and drive more venture-capital investment in the field, according to analysts.

Major League Baseball commissioner Rob Manfred will inform teams on Monday of a [plan that will allow clubs to furlough employees](#) or reduce their pay, according to The Athletic's Ken Rosenthal. The decision will suspend Uniform Employees Contracts, which can allow a withholding of pay in the event of a national emergency.

Digital Exploitation

With the massive shift to telework as a result of the COVID-19 pandemic some workers are using their own hardware and sometimes [downloading free applications](#) without first taking precautions with the help of the security department, according to Bank Info Security. Additionally, some organizations are relying on collaboration tools, without the knowledge of the IT department, to work on joint projects with other organizations.

[Gameradon](#), an advanced persistent threat (APT) group, is using COVID-19 lures in a phishing campaign. Trend Micro reported on 04/17/2020 that they discovered an email with the subject “Coronavirus (2019-nCoV)” with a malware attachment and Gameradon signatures. The campaign is targeting victims in European countries and others.

Cyber criminals are using coronavirus-themed [voicemail notifications](#) in Office 365 to steal credentials. The notification of a voicemail is sent as an attachment, when the user clicks the file they are directed to a Microsoft Office 365 (O365) phishing page requiring login credentials.

Hackers have deployed ransomware on the systems of U.S. hospitals and government entities using [stolen Active Directory credentials](#) months after exploiting a known remote code execution (RCE) vulnerability in their Pulse Secure VPN servers.

The government of North Rhine-Westphalia, a province in western Germany, is believed to have [lost tens of millions of euros](#) after it failed to build a secure website for distributing coronavirus emergency aid funding. The funds were lost following a classic phishing operation. Cybercriminals created copies of an official website that the NRW Ministry of Economic Affairs had set up to distribute COVID-19 financial aid.

LookingGlass reported that after patching two critical flaws to the Cisco WebEx teleconferencing platform, vulnerabilities remain. One vulnerability potentially allows unauthenticated users to execute remote code or a denial of service attack. Related, on 04/08/2020, researchers discovered a phishing campaign designed to mimic a security warning for WebEx to steal credentials.

The Department of Homeland Security is warning that cyber actors are trying to leverage a known remote code execution vulnerability in Pulse Secure VPN servers. This vulnerability recently enabled cyber actors to target Travelex by utilizing Sodinokibi (REvil) ransomware and gain USD 2.3 million, according to LookingGlass reporting.

New Blacklist Data

hxxps://amqelendez[.]com/covid-19/your/Gouvernement/

hxxps://amelenedez[.]com/Covid-19/Bc/Government/

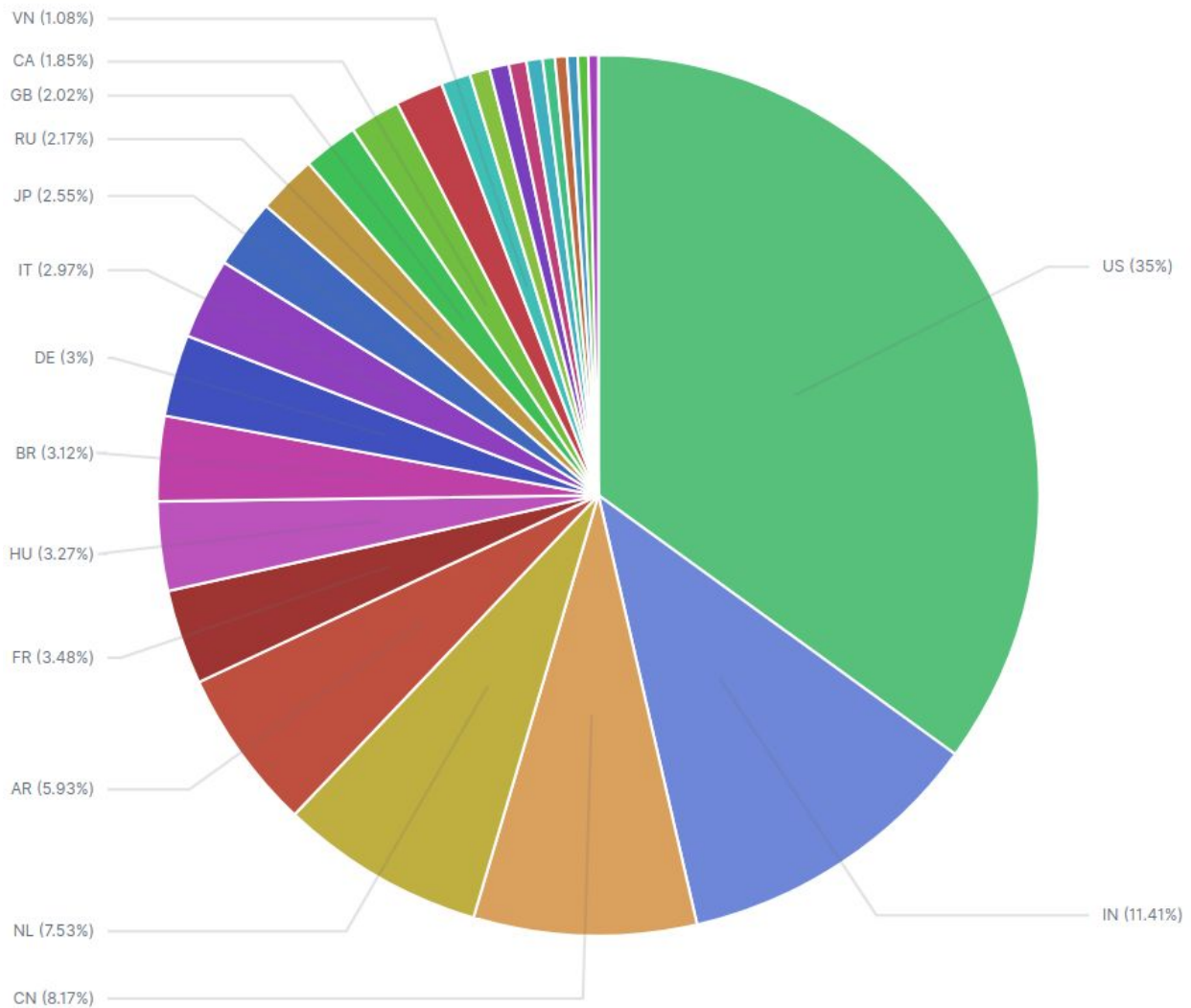
hxxps://www[.]bankofamericacovid-19[.]com/

hxxp://avisobancosantanders[.]com/santander%202020/Particulares

hxxps://covid-19rc[.]com/mazon/8f369/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/18/2020-04/20/2020. During this period, RiskIQ analyzed 315,508 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 20,997 unique subject lines observed during the reporting period. The spam emails originated from 10,734 unique sending email domains and 18,274 unique SMTP IP Addresses. Analysts identified 0 emails which sent an executable file for Windows machines.



Spam emails by country of origin

Top 25 Subjects

1. 35,053 - Protection From Corona Virus With Immunity Oil
2. 25,298 - Download Aarogya Setu App to protect yourself from COVID-19
3. 16,629 - Achtung, Jetzt Corona-Schutzmasken bestellen - sicher gegen Corona!
4. 16,249 - The Mask that can prevent Coronavirus now
5. 15,841 - Protection against the Corona Virus
6. 11,248 - coronavirus.mascarilla de proteccion facial
7. 10,350 - COVID-19 Face Mask & Safety Products
8. 8,054 - Coronavirus is spreading, this specialized mask can control it
9. 7,177 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte
10. 4,905 - This Mask Stops Coronavirus
11. 4,288 - Collect Your \$500 Covid-19 check inside
12. 4,221 - COVID19 Offer -85%
13. 4,201 - The Corona Letter: A new test begins
14. 3,675 - Tired of Slow Internet and Streaming During COVID-19? Check This Out
15. 3,658 - Maski COVID-19 koronawirus 124,75 zł / 25 sztuk - 4,99 zł
16. 3,591 - Re: Disposable Mask for Coronavirus (FDA/CE Certificated)
17. 3,545 - Need Faster Internet During COVID-19? This Device Can Help
18. 3,495 - (Quick delivery/Today's quotation) Protective mask and Diagnostic kit for COVID-19, goggles, infrared thermometer, protective clothing
19. 3,471 - Ultra Wifi Provides Faster Internet during COVID-19
20. 3,339 - RE:COVID-19 IgM - IgG Test Quotation
21. 3,306 - Test Rápido de Detección Covid-19/ Mascarillas kN95
22. 2,839 - COVID-19 Update: We are open and now offering Free Virtual Consultations
23. 2,579 - The Coronavirus: Where All 50 States Stand on Reopening
24. 2,392 - Redeem Your SBSA-COVID-19-Financial Relief Today
25. 2,223 - TU EMPRESA FRENTE AL COVID-19: ASESORÍA FINANCIERA GRATUIT

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

There were no emails containing PE/EXEs discovered during the reporting period.

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

1. 96,953 US	14. 5,136 CA
2. 31,595 IN	15. 4,865 PL
3. 22,622 CN	16. 2,987 VN
4. 20,847 NL	17. 2,044 UA
5. 16,437 AR	18. 1,974 ID
6. 9,639 FR	19. 1,782 DZ
7. 9,049 HU	20. 1,637 BE
8. 8,640 BR	21. 1,244 ES
9. 8,300 DE	22. 1,212 SA
10. 8,220 IT	23. 1,080 ZA
11. 7,059 JP	24. 1,056 CO
12. 6,014 RU	25. 1,017 BD
13. 5,589 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: 66,903

Hosts: 76,552

Hosts and Domains with Potential Mail Servers: 277

Email-Capable Domains and Hosts: 24,663

Live Hosts and Domains Not Parked: 31,566

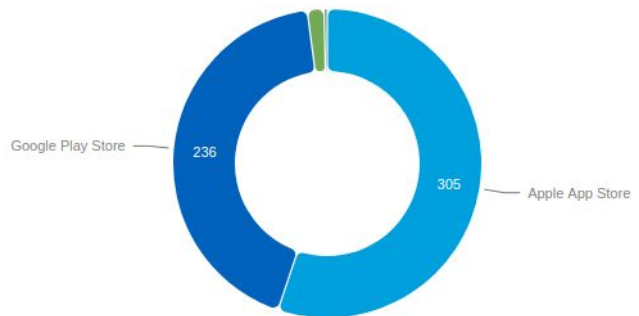
Mobile Apps

1. Apps in Official Stores:

(See Graph)

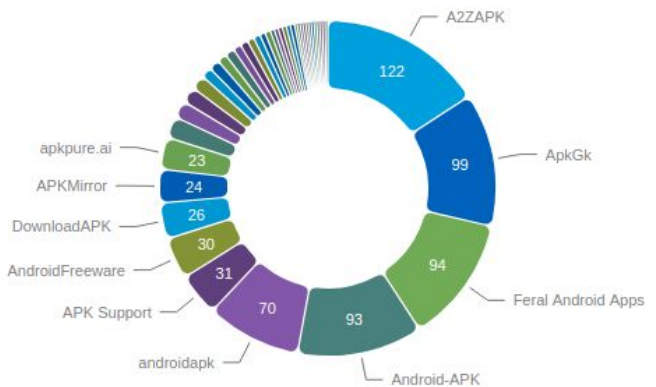
- a. Google Play Store: 236
- b. Apple App Store: 305
- c. Windows Phone: 9
- d. Amazon: 1

Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 734 (See Graph)

Apps on Secondary and Hybrid Stores by store



3. Blacklisted Mobile Apps by Store Type:

- a. Secondary: 28
- b. Hybrid: 1
- c. Official: 1

Facts and Figures at a Glance

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

Global

Total Cases: 2,420,329
Total Fatalities: 166,205
Countries w/ Confirmed Cases: 185

U.S.

Total Tests Conducted: 3,882,002
Total Cases: 759,786
Total Fatalities: 50,683
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: 248,417
2. New Jersey: 85,301
3. Massachusetts: 38,077

Counties

1. New York City (NY): 138,700
2. Nassau County (NY): 30,013
3. Suffolk County (NY): 27,485
4. Westchester County (NY): 23,803
5. Cook County (IL): 21,272
6. Wayne County (MI): 13,692
7. Bergen County (NJ): 12,693
8. Los Angeles County (CA): 12,349
9. Hudson County (NJ): 10,486
10. Essex County (NJ): 10,304

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	05/15	Kansas	03/30	05/03
Connecticut	03/23	05/20	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	05/15
Delaware	03/24	05/15	Nevada	04/01	04/30
Indiana	03/24	05/01	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	05/13
Wisconsin	03/25	05/26	Mississippi	04/03	04/27
Vermont	03/25	05/15	Alabama	04/04	04/30
Idaho	03/25	04/30	Missouri	04/06	05/03
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 04/20/2020, California has 31,531 confirmed cases of COVID-19, with 1,180 deaths. On Sunday, California corrections officers [announced](#) the first death of a prison inmate due to complications with COVID-19. The inmate contracted the virus at the California Institute for Men in San Bernardino County. Almost 60 inmates at the California Institute have tested positive for COVID-19. On Saturday, Governor Gavin Newsom [announced](#) that California secured over 16,000 hotel rooms to shelter homeless residents amid the COVID-19 pandemic, exceeding the original goal of 15,000 hotel rooms.

Illinois

As of 04/20/2020, Illinois has 30,357 confirmed cases of COVID-19, with 1,290 deaths. Governor JB Pritzker [announced](#) a second flight of personal protective equipment is expected to arrive Monday from China in order to provide gear for healthcare workers against the COVID-19 pandemic. Thursday, the first chartered FedEx flight arrived in Chicago with millions of masks and gloves to aid health care workers in the state. Governor Pritzker criticized the federal government's lack of aid for front line workers resulting in these shipments that are costing Illinois taxpayers \$888,000.

New York

As of 04/20/2020, New York has 248,431 confirmed cases of COVID-19, with 18,298 deaths. Governor Andrew Cuomo [stated](#) Sunday the state will begin antibody testing this week to determine who has been infected with COVID-19. The U.S. Food and Drug Administration approved the state's antibody test designed to detect whether a person has developed antibodies against COVID-19 and, therefore, may be immune to the disease. The thousands of tests expected to be administered this week should provide a baseline of those infected in New York. According to the secretary to the governor, Melissa DeRosa, the antibody testing will begin Monday and sample 3,000 people from New York's total population of 19.5 million.

Texas

As of 04/20/2020, Texas has 19,411 confirmed cases of COVID-19 and 500 deaths. On Friday, Governor Greg Abbott [announced](#) executive orders to reopen businesses and state parks, and ease surgery restrictions. On Monday, the state parks were reopened for day-use only and require reservations. Those who attend the state parks must wear face coverings, continue to practice social distancing, and must not be in a group of more than five people.

Washington, DC

As of 04/20/2020, the Washington, D.C. region has a total of 20,023 confirmed cases of COVID-19, with 12,847 in Maryland, 8,542 in Virginia and 2,793 in the District. The District of Columbia has a total of 105 deaths, Virginia has 277 deaths, and Maryland has 461 deaths. Mayor Muriel Bowser's administration and the U.S. Army Corps of Engineers [announced](#) that the Walter E. Washington Convention Center in D.C. will be transformed into a COVID-19 treatment facility. The convention center will focus on treating low-acuity COVID-19 patients. The first phase of construction will include five hundred beds and expected to be set up by the first week in May, followed by 1,000 more beds by the end of the month.

End Report