



RiskIQ i3:

COVID-19 Daily Update

03/30/2020

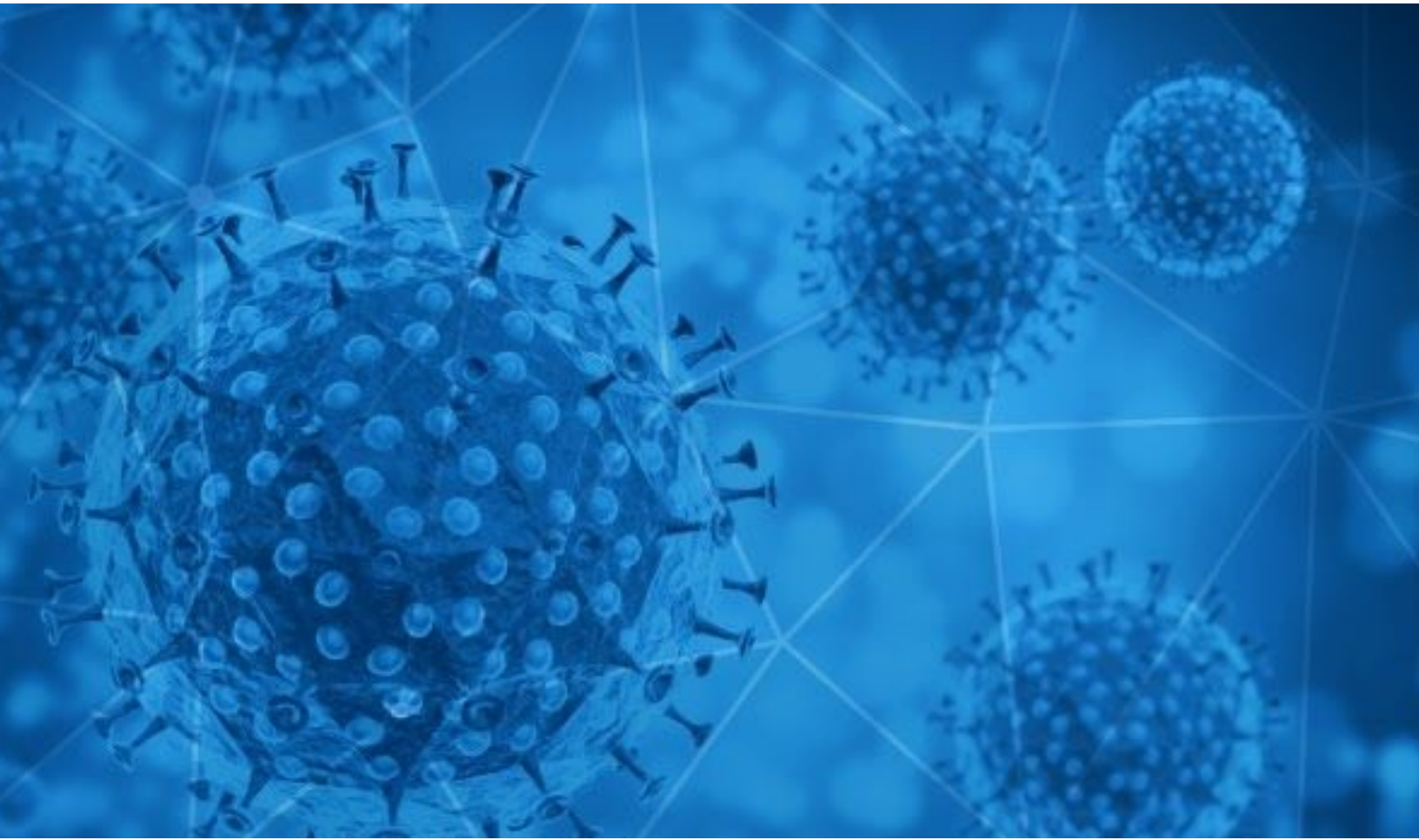


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Methodology

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: Previous 72 Hours

In the U.S., confirmed cases jumped by 108,302 (+307%) between 03/23/2020 and 03/30/2020. U.S. case fatalities rose by 2,102 (+446%) during the same period. New York remains the hardest-hit state in the country, accounting for 59,746 of the nation's confirmed cases.

President Trump on Sunday, 03/29/2020, extended the administration's [social distancing guidelines](#) to 04/30/2020. Trump previously stated he would like the social distancing measures tapered back by Easter, but now believes Easter will mark the peak of the virus with the number of cases declining thereafter.

Ralph Northam, Governor of the Commonwealth of Virginia, issued a [stay-at-home](#) order directing all residents to remain in their homes unless they are getting food, medical attention or help from law enforcement, among other essentials. The order is in effect until 06/10/2020.

The FBI warned hospitals and healthcare providers to be on the lookout for [supply-chain scams](#). Scammers may take advantage of hospitals' shortages of supplies and promise equipment they do not have access to. The FBI urges hospitals and healthcare providers to exercise increased caution when dealing with new vendors and any third-party brokers.

Governor of Florida Ron DeSantis added New Orleans and other parts of Louisiana to a list of [COVID-19 hotspots](#). Travelers from those areas arriving in Florida must self-isolate. DeSantis authorized the Florida Highway Patrol and local law enforcement agencies to establish checkpoints along the Florida border. Additionally, travelers from New York, New Jersey, and Connecticut will be required to self-isolate for fourteen days.

The Dutch government [recalled](#) tens of thousands of masks provided by China. Many of these masks had already been provided to health professionals. The masks were recalled after officials determined they did not meet quality standards; specifically, they either did not fit on the face properly or had defective filters.

South Carolina Governor Henry McMaster issued an [executive order](#) to help the state combat the COVID-19 pandemic. The order activates the National Guard, establishes anti-price-gouging laws, restricts visits to nursing homes and correctional facilities, and grants emergency powers to the Department of Health and Environment Control. Additionally, public colleges and universities are authorized to finish the Spring 2020 term through distance learning and orders public K-12 schools to remain closed during the emergency.

Los Angeles Mayor Eric Garcetti announced the city will form a [partnership with UPS](#) to deliver and pick-up COVID-19 tests. This is the first such partnership between an American city and UPS.

Nordstrom dedicated itself to sewing more than [100,000 masks](#) for healthcare providers. The masks will be delivered to Providence Health and Services, which operates in six states.

Key coronavirus task force member Dr. Anthony Fauci said the U.S. could eventually see [100,000 or more fatalities](#) from the COVID-19 pandemic. Fauci said the U.S. could expect millions of cases as the virus spreads. He said the models provide best- and worst-case scenarios, though reality is often somewhere in the middle.

On Sunday, 03/29/2020, The FDA issued an emergency authorization for the use of [hydroxychloroquine and chloroquine](#), the anti-malaria drugs some tests have shown help treat cases of COVID-19. The emergency authorization allows for the drugs to be “donated to the Strategic National Stockpile to be distributed and prescribed by doctors to hospitalized teen and adult patients.”

Johnson & Johnson (J&J) reported [human trials](#) for a COVID-19 vaccine would likely begin by September and said a vaccine could be available for emergency use authorization in early 2021. J&J also committed more than \$1 billion of investments to vaccine research in partnership with Biomedical Advanced Research and Development Authority, an arm of the Department of Health and Human Services.

Texas Governor Greg Abbott [expanded restrictions](#) on all travelers arriving from Louisiana. All travelers from Louisiana must quarantine for fourteen days upon arrival. Abbott’s previous order included restrictions for air travelers from New York, New Jersey, Connecticut, California, Washington, and Louisiana. Individual cities have also been restricted, including Atlanta, Chicago, Detroit, and Miami. The order goes into effect Monday, 03/30/2020, at noon.

Digital Exploitation

Remote work by [hospital](#) support staff makes it harder for their IT teams to police computer systems and prevent cyberattacks, according to the Wall Street Journal. Unfortunately, Ryuk [Ransomware](#) operators continue to target hospitals even as these organizations are overwhelmed during the COVID-19, according to BleepingComputer reporting on 03/26/2020.

Fireeye reported on 03/27/2020 that attackers will increasingly leverage lures tailored to the new stimulus bill and related recovery efforts such as [stimulus checks](#), unemployment compensation and small business loans. It expects future campaigns to incorporate these themes in proportion to the media's coverage of these topics.

Attackers are attempting to deliver [Remcos remote access tool](#) (RAT) payloads on the systems of small businesses via phishing emails impersonating the U.S. Small Business Administration, according to BleepingComputer. Separately, BleepingComputer found another [new phishing campaign](#) that pretends to be from a local hospital telling recipients they have been exposed to COVID-19 and they need to be tested, but it's actually an effort to spread Malware.

The US Federal Trade Commission (FTC) warned nine [VoIP service](#) providers against assisting and facilitating illegal robocalls designed to capitalize on public anxiety surrounding the COVID-19 pandemic, according to BleepingComputer.

Orders for laptops, servers, networking gear are being [delayed](#) for at least one-two months, according to research by We Live Security. Smaller businesses may find it even more difficult to obtain computers and related equipment, creating a self-amplifying chain of events that increasingly impacts a whole series of business issues.

As COVID-19 slowly spread across the globe, consumer demand for commercial virtual private network ([VPN](#)) services has soared. While helpful for allowing remote users to securely connect to corporate applications the VPNs are not immune to attack and compromise, according to Help Net Security.

Many European telecommunications companies are [sharing mobile location](#) data with governments to follow people's movements after COVID-19 lockdowns, focusing on compliance with privacy rules by anonymizing the data, according to the Wall Street Journal.

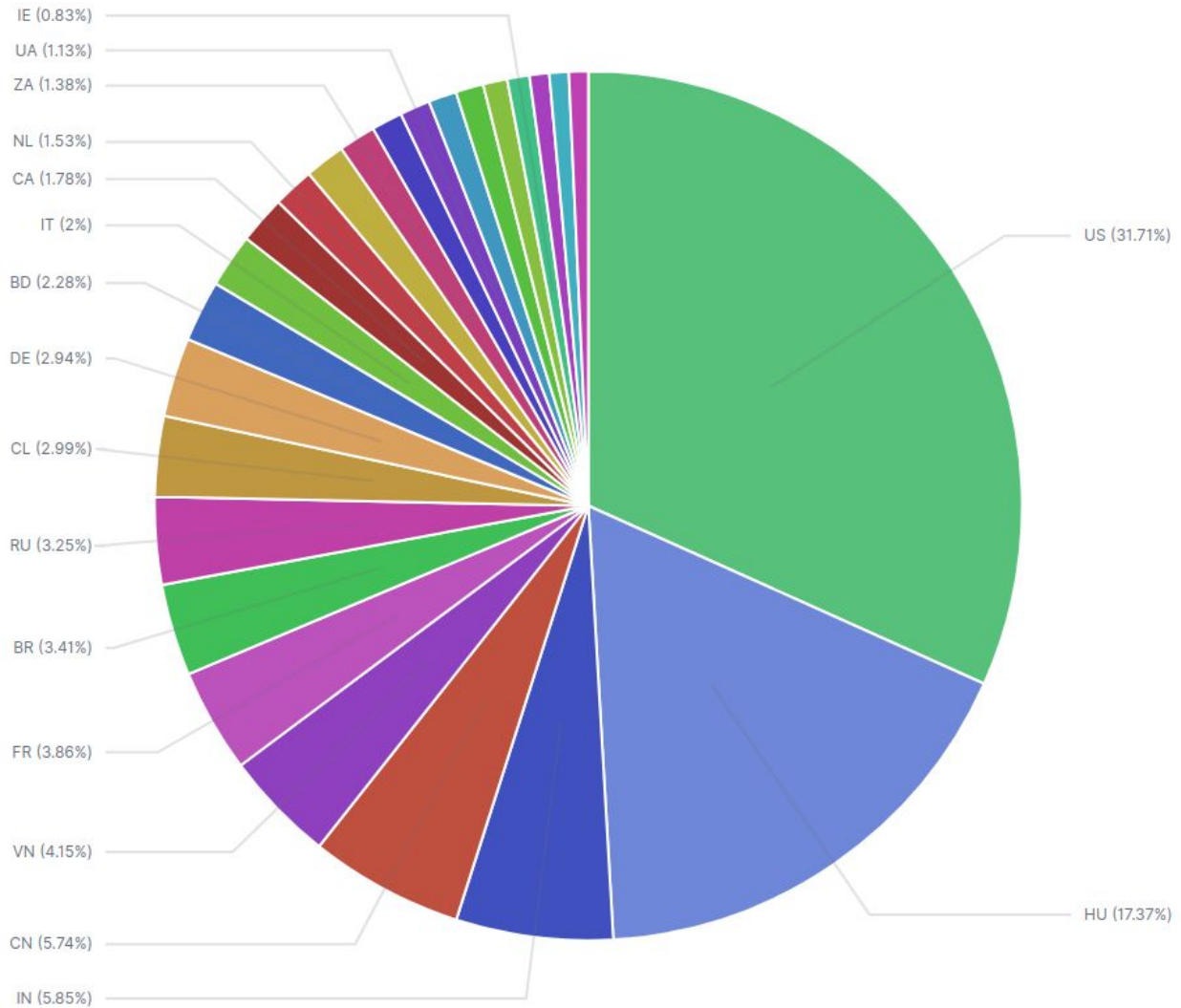
New Blacklist Data

hxxp://covid-19-interac[.]online/

hxxp://covid-19-lox[.]jaunews[.]com/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 03/28/2020-03/30/2020. During this period, RiskIQ analyzed 439,972 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 40,099 unique subject lines observed during the reporting period. The spam emails originated from 41,839 unique sending email domains and 34,105 unique SMTP IP Addresses. Analysts identified 2,324 emails which sent an executable file for Windows machines.



Spam emails by country of origin

Top 25 Subjects

1. 54,082 - How to protect your body from COVID-19
2. 42,255 - The Mask that can prevent Coronavirus now
3. 39,267 - Anti Coronavirus Disease (COVID-19) KN95 Face Mask is Avilable Now!
4. 30,667 - COVID-19
5. 21,055 - Coronavirus is spreading, this specialized mask can control it
6. 9,751 - SANITIZACION Elimina coronavirus
7. 8,590 - Coronavirus is effecting your wallet?
8. 7,981 - Coronavirus : Macron en appelle à la « solidarité » budgétaire européenne dans un entretien à la presse italienne
9. 4,188 - Fight COVID-19 with \$100 at Drive Thru!
10. 3,699 - The Corona Letter: How not to tackle an outbreak
11. 3,608 - Notice of Payment: COVID-19-Relief-Absa.pdf
12. 3,319 - Message from Airtel CEO - Doing our bit to fight COVID-19
13. 2,789 - Maskers en handschoenen dragen om jezelf te beschermen tegen coronavirus? Experts geloven dat het niet helpt
14. 2,709 - TIMES TOP10: RBI joins the coronavirus fight
15. 2,499 - Coronavirus, Grippe? Hier ist die Atemmaske mit einem speziellen Filter
16. 2,436 - Würdest du das CORONAVIRUS stoppen? Die Atemmaske schützt auch vor neue Infektion
17. 2,432 - ATEMMASKE zur Bändigung des Coronavirus - Sicherheit auf FFP2-Ebene
18. 2,425 - Droht CORONAVIRUS? Mit Atemmaske können Probleme vorgebeugt werden
19. 2,392 - Hast du Angst vor dem Corona-Virus? Neue Atemmaske, schütze deine Lieben
20. 2,348 - The Corona Letter: It's also a humanitarian crisis
21. 2,331 - Kann das CORONAVIRUS vorgebeugt werden? Atemmaske für wirksamen Schutz
22. 2,196 - The Coronavirus: How Pandemics Spread — and How They Can Be Stopped
23. 1,950 - THEMA DES TAGES: Corona virus
24. 1,925 - Geef je weerstand een boost tegen het Corona Virus!
25. 1,920 - COVID-19 UPDATE !! MUST READ!!!

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

1. 1,920 - COVID-19 UPDATE !! MUST READ!!!
2. 155 - RE: Coronavirus disease (COVID-19) outbreak prevention and cure update.
3. 111 - COVID-19 UPDATE !!
4. 68 - Customer Advisory - COVID-19 UPDATE
5. 23 - COVID-19 Update
6. 16 - Re: Important COVID-19 Working Procedures
7. 16 - Covid19"" Latest Tips to stay Immune to Virus !!
8. 5 - CORONAVIRUS COVID-19 Prevención y Directrices
9. 3 - W.H.O: URGENT CORONA VIRUS INSTRUCTION
10. 3 - Important Notice to Our Corporate Clients & Partners - COVID -19
11. 2 - COVID-19 Prevención y Directrices
12. 2 - COVID-19 Job Retention Scheme update

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

- | | |
|---------------|--------------|
| 1. 115,993 US | 14. 5,584 NL |
| 2. 63,535 HU | 15. 5,524 GB |
| 3. 21,385 IN | 16. 5,039 ZA |
| 4. 20,978 CN | 17. 4,202 KR |
| 5. 15,164 VN | 18. 4,132 UA |
| 6. 14,123 FR | 19. 3,832 ID |
| 7. 12,490 BR | 20. 3,799 AR |
| 8. 11,871 RU | 21. 3,297 ES |
| 9. 10,952 CL | 22. 3,027 IE |
| 10. 10,743 DE | 23. 2,677 LA |
| 11. 8,336 BD | 24. 2,637 BE |
| 12. 7,325 IT | 25. 2,632 TH |
| 13. 6,496 CA | |

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: 40,674

Hosts: 45,076

Hosts and Domains with Potential Mail Servers: 207

Email-Capable Domains and Hosts: 14,218

Live Hosts and Domains Not Parked: 18,116

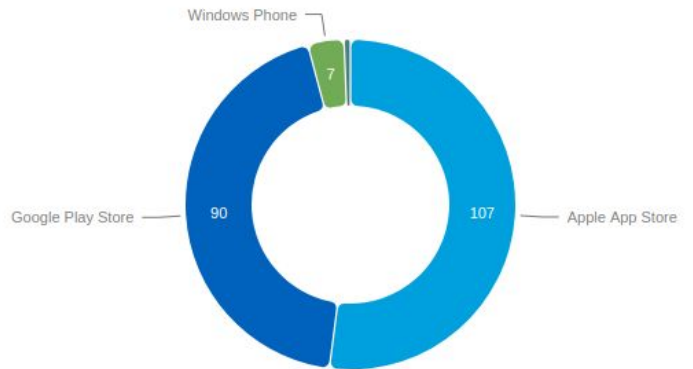
Mobile Apps

1. Apps in Official Stores: 205
 (See Graph)
 - a. Google Play Store: 90
 - b. Apple App Store: 107
 - c. Windows Phone: 7
 - d. Amazon: 1

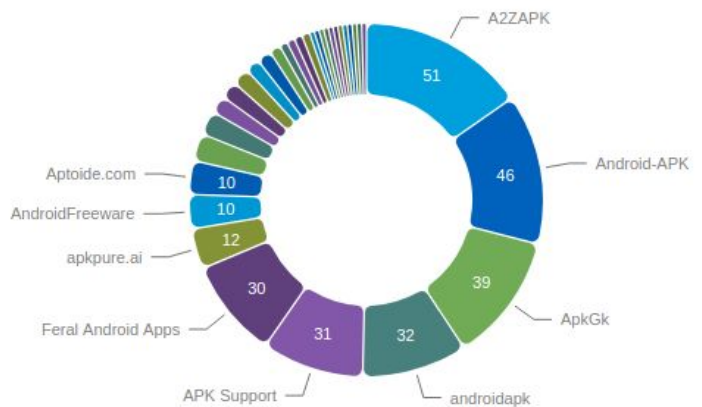
2. Apps in Secondary/Hybrid Stores: 322 (See Graph)

3. Blacklisted Mobile Apps by Store Type: 14
 - a. Secondary: 13
 - b. Hybrid: 1

Apps on Official Stores



Apps on Secondary and Hybrid Stores by store



Facts and Figures at a Glance

Data is derived from Johns Hopkins University.

Global

Total Cases: 737,929
Total Fatalities: 35,019
Countries w/ Confirmed Cases: 177

U.S.

Total Cases: 143,527
Total Fatalities: 2,573
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: 59,746
2. New Jersey: 13,386
3. California: 6,345

Counties

1. New York City (NY): 33,768
2. Westchester County (NY): 8,519
3. Nassau County (NY): 6,445
4. Suffolk County (NY): 5,043
5. Cook County (IL): 3,445
6. Wayne County (MI): 2,704
7. Rockland County (NY): 2,209
8. Bergen County (NJ): 2,619
9. King County (WA): 2,161
10. Los Angeles County (CA): 2,136

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

State	Start Date	End Date
California	03/19	TBD
Illinois	03/21	04/07
New Jersey	03/21	TBD
New York	03/22	TBD
Connecticut	03/23	04/22
Kentucky	03/23	TBD
Louisiana	03/23	04/13
Ohio	03/23	04/06
Oregon	03/23	TBD
Washington	03/23	04/06
Delaware	03/24	05/15
Indiana	03/24	04/06
Michigan	03/24	04/13
New Mexico	03/24	04/10
Massachusetts	03/24	04/17
West Virginia	03/24	TBD
Hawaii	03/25	04/30
Wisconsin	03/25	04/24
Vermont	03/25	04/15
Idaho	03/25	04/15
Colorado	03/26	04/11
Minnesota	03/27	04/10
New Hampshire	03/27	05/04
Montana	03/28	04/10
Rhode Island	03/28	04/13
Alaska	03/28	04/11
Kansas	03/30	04/19
North Carolina	03/30	04/29

Governmental Guidance

State & Local Governments

California

As of 03/30/2020, California has 6,345 confirmed COVID-19 cases and 132 deaths. Governor Newsom [stated](#) Saturday, 03/28/2020, that 170 of the ventilators the federal government had sent from the national stockpile were broken. The state sent the ventilators to the San Jose-based company Bloom Energy for repairs, and expects them to return to Los Angeles today. Bloom Energy is transforming its company to quickly aid the state amid the COVID-19 pandemic by refurbishing ventilators.

Illinois

As of 03/30/2020, Illinois has 4,596 confirmed cases of COVID-19 and 66 deaths. Governor J.B. Pritzker [announced](#) Saturday the death of an infant in Cook County that tested positive for COVID-19. Pritzker announced an investigation is underway to determine the specific cause of death. Pritzker [warned](#) the virus will likely not peak until April according to previous models he has seen. Currently, 90% of the cases and deaths in the state are from the Chicago area.

Massachusetts

As of 03/30/2020, Massachusetts has 4,955 confirmed cases of COVID-19 and 48 deaths. Governor Charlie Baker said the latest models show the [coronavirus surge](#) is expected to hit Massachusetts in the next two to three weeks, sometime between April 7 and April 17. Sunday, 03/29/2020, the Department of Public Health announced an increase of 698 new cases of COVID-19 since Saturday.

New York

As of 03/30/2020, New York has 59,746 confirmed COVID-19 cases and 2,572 deaths. New York City makes up more than half of the statewide cases of COVID-19 with 33,768. The USNS *Comfort* [arrived](#) in New York Harbor today. The ship is docked at Pier 90 to provide 1,000 beds to patients without COVID-19. A field hospital is also set to open in the Javits Center in order to relieve overrun hospitals.

Washington, DC

As of 03/30/2020, the Washington, D.C. region has a total of 2,666 confirmed COVID-19 cases with 1,021 in Virginia, 1,240 in Maryland, and 405 in the District. President Trump [declared](#) the District a “major disaster area,” allowing it to receive emergency federal funding to combat the spread and mitigate the effects of the novel coronavirus. The designation means the city will receive an unspecified amount of money from the Federal Emergency Management Agency to support its efforts to recover from the coronavirus pandemic. The money will cover damage inflicted by the virus from Jan. 20 and extending through an indefinite period.

End Report