



RiskIQ i3:

COVID-19 Daily Update

05/05/2020

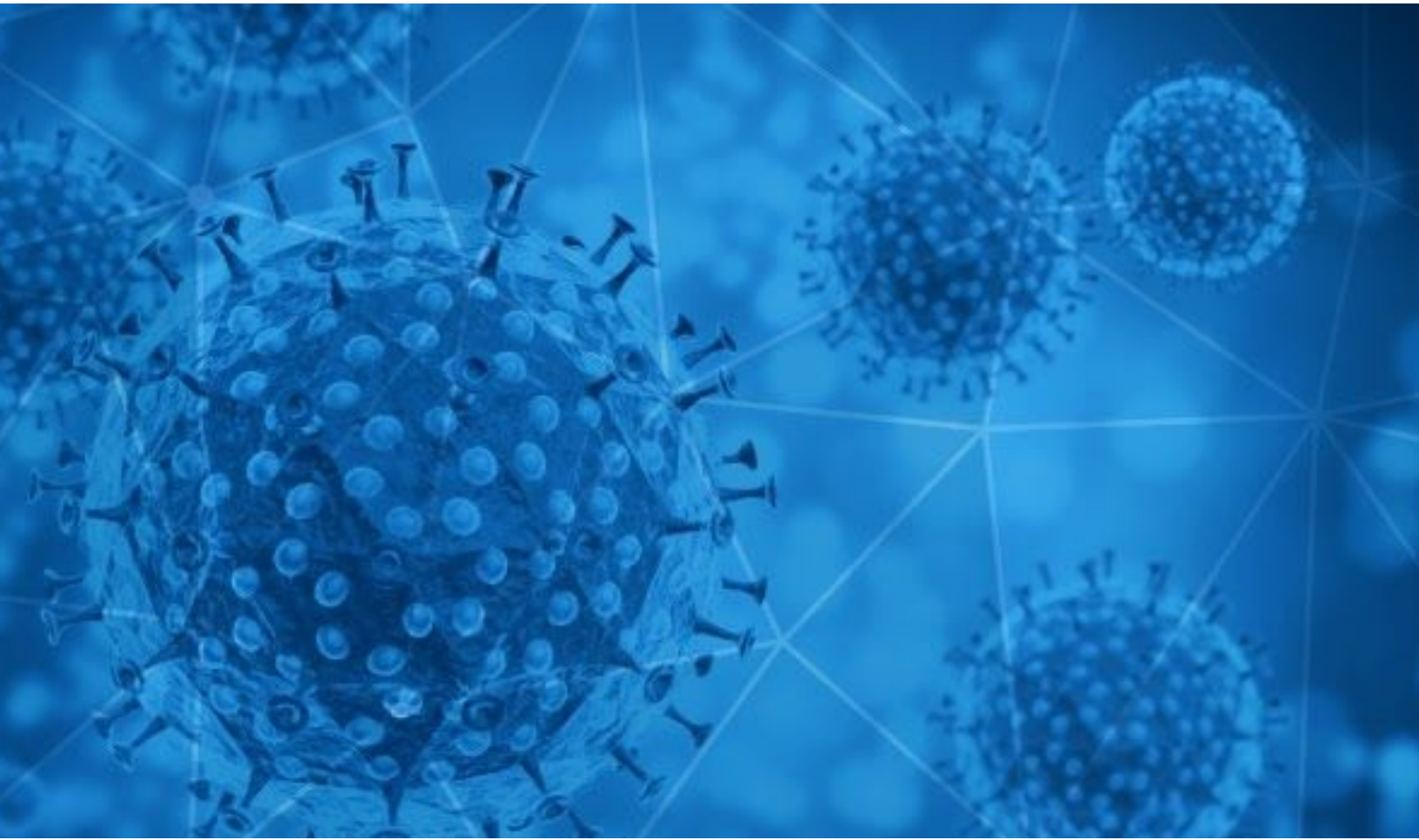


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Methodology

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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Noteable Events in the Past 24 Hours

New Jersey Governor, Phil Murphy warned the state is possibly weeks away from [“fiscal disaster”](#) as a result of decreased revenue and increased spending relating to the pandemic. Murphy is urging Congress to provide financial relief to the state, saying that New Jersey is facing “historic” public worker layoffs without federal assistance.

One day after reopening, [Florida](#) recorded a record number of new deaths Tuesday from COVID-19, with 113 fatalities reported. The new cases bring the state’s total death count to 1,536. Tuesday marks the first time since the epidemic took hold in Florida that the state reported more than 100 deaths in a single day.

New Mexico Governor, Michelle Lujan Grisham invoked the state’s [Riot Control Act](#) to lock down the city of Gallup. The Riot Control Act increases law enforcement’s ability to enforce social distancing guidelines by allowing law enforcement to issue misdemeanor citations for first time violators, and repeat offenders could face felony charges. Gallup acts as a hub for the Navajo Nation and other Native American pueblos. The Navajo Nation has been particularly hard-hit by COVID-19, reporting a higher death rate than every state in the country except New York, New Jersey, Connecticut, and Massachusetts.

Several FedEx employees at the company’s Newark, N.J. air hub have [died from COVID-19](#). FedEx declined to comment on the number of cases and fatalities at the facility. New Jersey Senator Cory Booker wrote a letter to FedEx leadership asking for more information on illnesses and safety procedures at its facilities.

Arizona State University researchers collected 382 COVID-19 samples from Arizonans and discovered a [unique mutation](#)—81 letters from the genome sequence have been deleted. The mutation is of interest to the scientific community because it mirrors a large deletion that occurred during the 2003 SARS outbreak. The SARS mutations ultimately weakened the virus, and researchers have speculated that a weakened virus that causes less severe disease may have a selective advantage.

Separately, scientists from the [Los Alamos](#) National Laboratory have identified a new strain of the coronavirus that has become dominant worldwide. The new strain appears to be more contagious than the versions that spread in the early days of the COVID-19 pandemic. The new strain appeared in February in Europe, migrated quickly to the East Coast of the United States, and has been the dominant strain across the world since mid-March.

An experimental [coronavirus vaccine](#) entering human trials in the U.S. may be available in many millions of doses by the end of 2020, according to the CEO of BioNTech. The German drug

maker has partnered with Pfizer to distribute a potential vaccine which is already in human trials in Germany.

The number of people who have died from COVID-19 in the [UK](#) is now the highest in Europe and second only to the U.S. globally. The UK today surpassed Italy's death toll, as Britain's foreign secretary announced the number of those who have died from the virus has now reached 29,427. In Italy, 29,315 people have died.

Digital Exploitation

Britain's National Cyber Security Centre (NCSC) and the U.S. Cybersecurity and Infrastructure Security Agency (CISA) warned on 5 May that hackers are [attacking healthcare](#) and research institutions to steal information about efforts to contain COVID-19. The agencies are investigating a number of incidents targeting pharmaceutical companies, research institutions, and universities to include large-scale password spraying campaigns conducted by advanced persistent threat groups.

Cybersecurity professionals are warning individuals to [exercise caution](#) before downloading apps aimed at combating the ongoing pandemic that might lack security and privacy protections. Developers are racing to produce contact tracing apps that are launching globally, leaving little time for adequate security testing. In addition, many apps are designed to store vast amounts of data in central repositories which makes them attractive cyber targets.

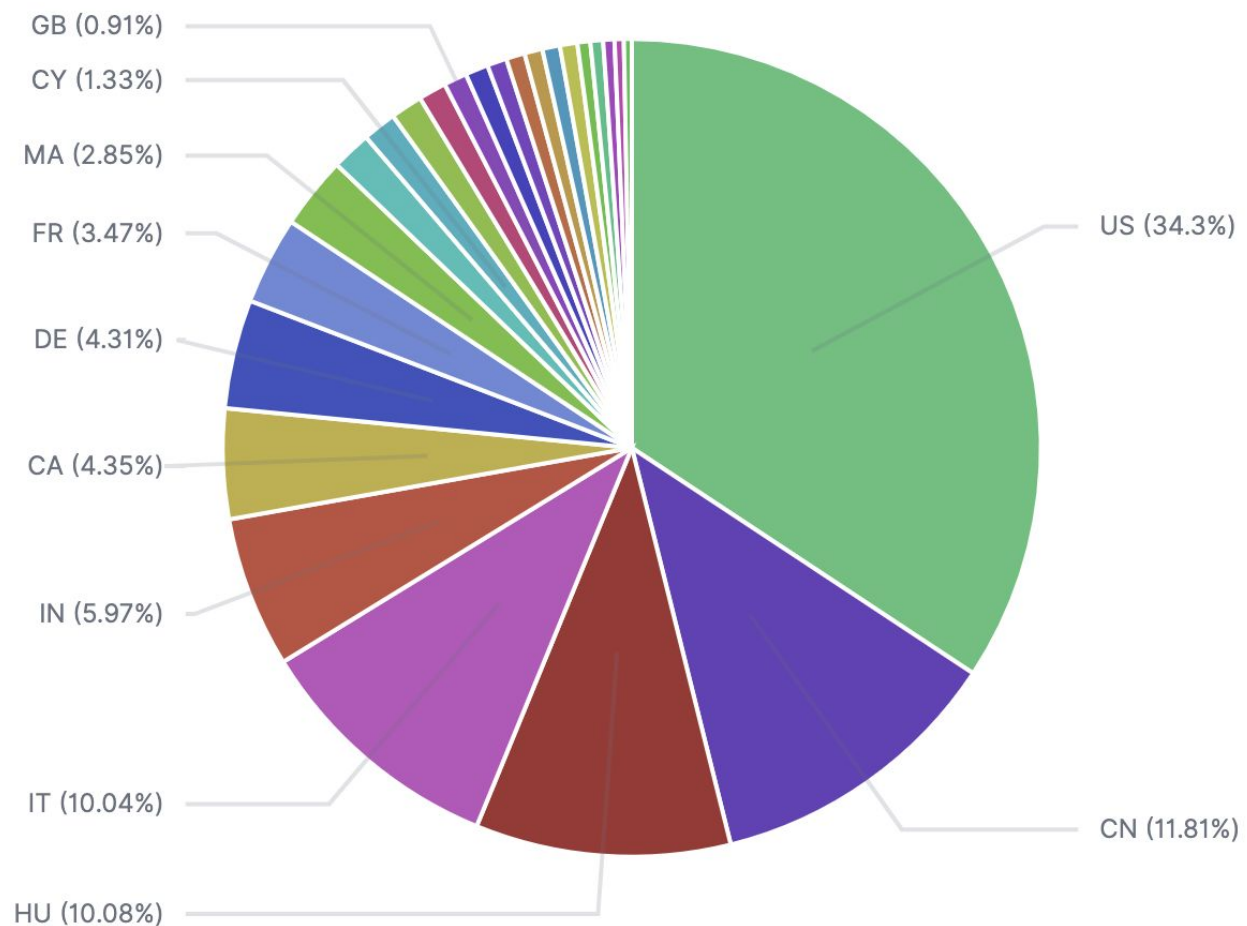
New Blacklist Data

hxxps://cwicked[.]com/gordys/zeusnew/ZS/IK/

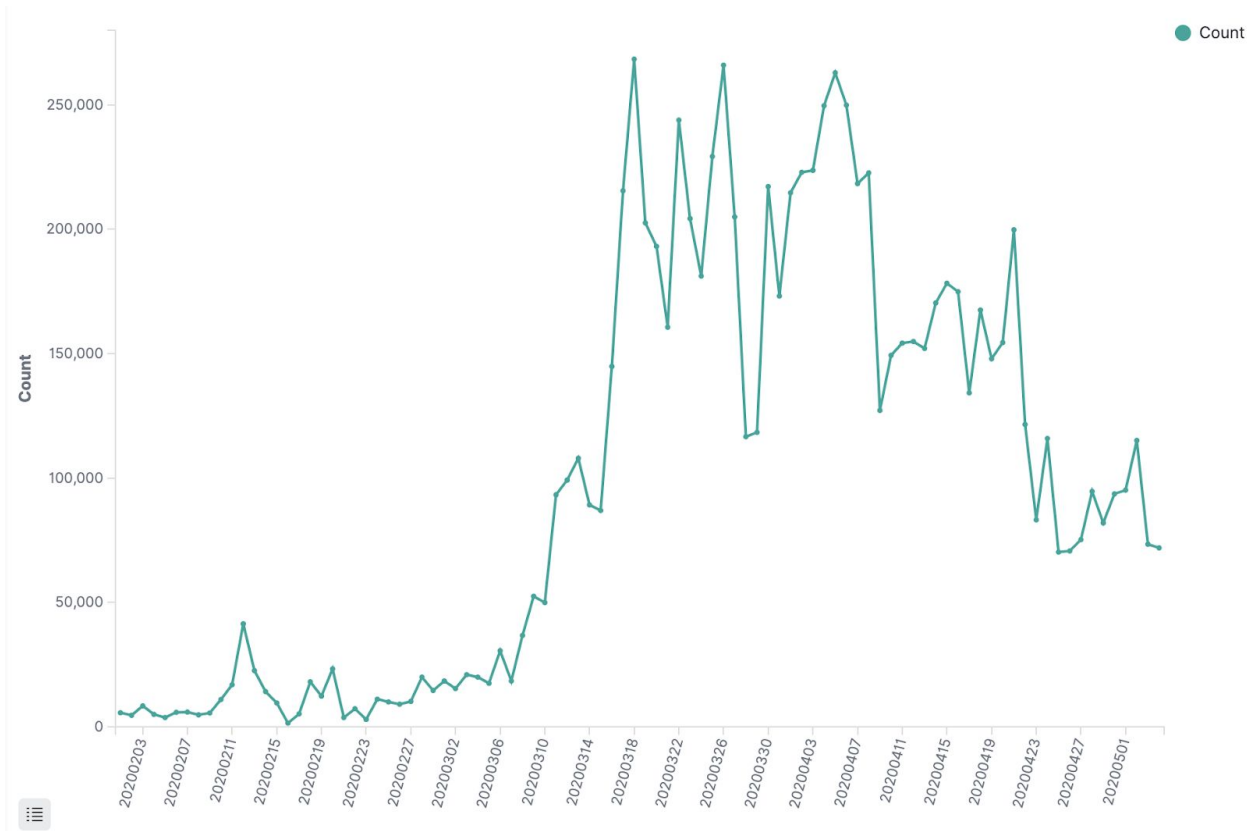
hxxp://siam-vintage[.]com/covid-19[.]php

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 05/04/2020-05/05/2020. During this period, RiskIQ analyzed 71,937 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 6,623 unique subject lines observed during the reporting period. The spam emails originated from 5,230 unique sending email domains and 9,915 unique SMTP IP Addresses. Analysts identified 7 emails which sent an executable file for Windows machines.



Spam emails by country of origin



Spam emails by volume since February 1, 2020

Top 25 Subjects

1. 8,419 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte
2. 3,463 - Offerta Dedicata ai lavoratori impegnati alla lotta contro il Covid-19
3. 2,814 - The Corona Letter: In lives vs livelihood, economy takes charge
4. 2,727 - COVID-19 pandemic outbreak
5. 2,154 - Re: COVID 26
6. 2,055 - Covid-19 • Arrivage permanent chez Drexco Médical !
7. 1,874 - <redacted>, Collect ""COVID-19"" Aid Now
8. 1,559 - COVID-19: BITPRIME INVESTMENT UPDATE
9. 1,489 - Corona Zuschuss - Bestätigung und Belehrung
10. 1,289 - Sale Masks , Breathing machine and Corona Virus test Kit with good price.
11. 1,206 - Tell us how was your last flight with AirCanada before CoronaVirus?
12. 1,116 - COVID-19 lockdown continues for schools - Study for free on Myschool
13. 1,111 - The COVID-19 Response Fund
14. 826 - URGENT REPLY ON INESTMENT FUND-ON COVID-19
15. 680 - Similarities and differences – COVID-19 and influenza
16. 675 - Covid-19 relief loan...
17. 659 - How are COVID-19 and influenza viruses different?
18. 630 - Due to CoronaVirus Lockdown. You have been selected to get an reward!
19. 626 - What medical interventions are available for COVID-19 and influenza viruses?
20. 590 - How are COVID-19 and influenza viruses similar?
21. 557 - COVID-19 NOTICE
22. 508 - Redeem your SBSA-COVID-19-Financial Relief Funds
23. 496 - Droht CORONAVIRUS? Mit Atemmaske können Probleme vorgebeugt werden
24. 491 - Kann das CORONAVIRUS vorgebeugt werden? Atemmaske für wirksamen Schutz

25. 489 - Würdest du das CORONAVIRUS stoppen? Die Atemmaske schützt auch vor neue Infektion

Top 10 IP Addresses

1. 2,727 - 156.96.47.65
2. 2,555 - 36.5.145.244
3. 2,154 - 151.69.227.26
4. 1,874 - 81.192.231.96
5. 1,559 - 198.102.14.18
6. 1,116 - 184.107.73.137
7. 1,110 - 192.236.147.138
8. 881 - 82.102.95.84
9. 826 - 185.8.50.173
10. 688 - 217.112.142.124

Top 10 Domains (RDNS)

1. 1,874 - adsl-96-231-192-81[.]adsl2[.]iam[.]net[.]ma
2. 1,559 - server[.]unsubscribeasap[.]com
3. 1,116 - host[.]webworksigeria[.]com
4. 1,110 - hwsrv-718343[.]hostwindsdns[.]com
5. 881 - mail[.]digitalheritagelab[.]eu
6. 826 - host173-50-8-185[.]static[.]arubacloud[.]fr
7. 688 - miniature[.]yarkaci[.]com
8. 653 - host3[.]webaservers[.]net
9. 649 - overload[.]wokoro[.]com
10. 617 - ec2-3-114-91-202[.]ap-northeast-1[.]compute[.]amazonaws[.]com

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

1. 7 - SOLICITUD DE COTIZACIÓN DE SERVICIO DE PRUEBA RÁPIDA Y / O MOLECULAR Y LECTURA DE RESULTADOS COVID-19

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

- | | |
|--------------|------------|
| 1. 22,667 US | 14. 604 GB |
| 2. 7,808 CN | 15. 599 AR |
| 3. 6,662 HU | 16. 513 NL |
| 4. 6,636 IT | 17. 488 SG |
| 5. 3,943 IN | 18. 471 RU |
| 6. 2,877 CA | 19. 459 JP |
| 7. 2,845 DE | 20. 455 MY |
| 8. 2,294 FR | 21. 336 ZA |
| 9. 1,883 MA | 22. 331 PL |
| 10. 1,034 VN | 23. 294 CL |
| 11. 882 CY | 24. 241 LT |
| 12. 834 ES | 25. 206 ID |
| 13. 727 BR | |

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: 76,919

Hosts: 87,444

Hosts and Domains with Potential Mail Servers: 288

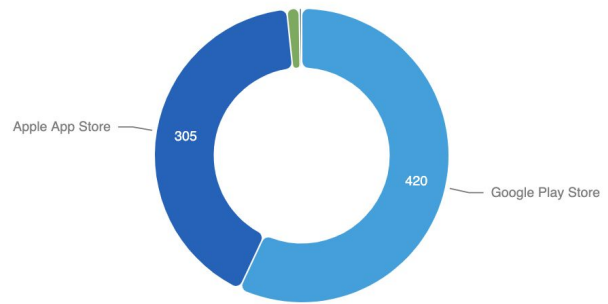
Email-Capable Domains and Hosts: 27,820

Live Hosts and Domains Not Parked: 35,441

Mobile Apps

1. Apps in Official Stores: 735
(See Graph)
 - a. Google Play Store: 420
 - b. Apple App Store: 305
 - c. Windows Phone: 9
 - d. Amazon: 1

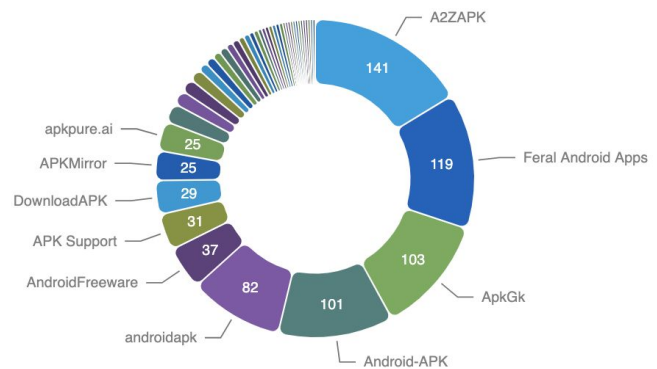
Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 819 (See Graph)

Apps on Secondary and Hybrid Stores by store

3. Blacklisted Mobile Apps by Store Type:
 - a. Secondary: 31
 - b. Hybrid: 1
 - c. Official: 1



Facts and Figures at a Glance

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

Global

Total Cases: 3,606,038
Total Fatalities: 252,151
Countries w/ Confirmed Cases: 187

U.S.

Total Tests Conducted: 7,285,178
Total Cases: 1,180,634
Total Fatalities: 68,934
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: 318,953
2. New Jersey: 128,269
3. Massachusetts: 69,087

Counties

1. New York City (NY): 175,651
2. Cook County (IL): 43,715
3. Nassau County (NY): 36,965
4. Suffolk County (NY): 35,077
5. Westchester County (NY): 30,097
6. Los Angeles County (CA): 36,238
7. Wayne County (MI): 17,314
8. Bergen County (NJ): 16,282
9. Philadelphia County (PA): 16,040
10. Hudson County (NJ): 15,881

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

Note: States followed by an asterisk () have allowed their orders to expire. Please see the updated link for each state including restrictions following the expiration of stay-at-home orders.*

State	Start	End	State	Start	End
California	03/19	TBD	Montana*	03/28	04/24
Illinois	03/21	05/30	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	05/08
Kentucky	03/23	TBD	Maryland	03/30	TBD
Louisiana	03/23	05/15	Virginia	03/30	06/10
Ohio	03/23	05/29	Arizona	03/31	05/15
Oregon	03/23	TBD	Tennessee*	03/31	04/30
Washington	03/23	05/31	Washington, DC	04/01	05/15
Delaware	03/24	05/15	Nevada	04/01	05/15
Indiana*	03/24	05/01	Pennsylvania	04/01	05/08
Michigan	03/24	05/15	Oklahoma*	04/01	04/30
New Mexico	03/24	05/15	Texas*	04/02	04/30
Massachusetts	03/24	05/18	Maine	04/02	05/31
West Virginia	03/24	TBD	Florida*	04/03	05/04
Hawaii	03/25	05/31	Georgia*	04/03	04/30
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	05/18			
New Hampshire	03/27	05/31			

Governmental Guidance

State & Local Governments

California

As of 05/05/2020, California has 56,135 confirmed cases of COVID-19 and 2,289 fatalities. Governor Gavin Newsom [announced](#) Monday that retail and hospitality businesses in some parts of the state may reopen later this week as California moves to the next stage of managing the coronavirus pandemic. The looser restrictions won't apply right away in the Bay Area, which entered the latest stage of its lockdown Monday, and the hard-hit Los Angeles region, which both will take slower approaches to re-opening.

Illinois

As of 05/05/2020, Illinois has 63,777 confirmed cases of COVID-19 and 2,659 fatalities. Illinois reported Monday the [fewest daily confirmed coronavirus deaths in more than two weeks](#), and also announced fewer people were hospitalized than a week earlier.

New York

As of 05/05/2020, New York has 318,953 confirmed cases of COVID-19 and 24,999 fatalities. Governor Andrew Cuomo said Tuesday that New York will take a regional approach to reopening. The governor unveiled a [series of metrics](#) which are based on guidelines from the CDC. The governor also addressed the fact that NY Pause ends on May 15.

Texas

As of 05/05/2020, Texas has 32,812 confirmed cases of COVID-19 and 902 fatalities. Governor Greg Abbott will provide an [update](#) Tuesday on the state's response to the coronavirus. The press conference is scheduled for 2:30 p.m. CDT from the Texas Capitol.

Washington, DC

As of 05/05/2020, the Washington, D.C. region has a total of 51,071 confirmed cases of COVID-19, with 26,408 in Maryland, 19,493 in Virginia, and 5,170 in the District of Columbia. Maryland has 1,317 fatalities, Virginia has 684 fatalities, and the District of Columbia has 258 fatalities. Ocean City, Maryland will open its boardwalk and inlet starting Saturday to local

residents only, officials [said](#), but cautioned that a stay-at-home order is still in effect. A full statement outlining the details of how access to the boardwalk, beaches, and inlet in the Ocean City area will be determined is expected to be released sometime Tuesday.

End Report