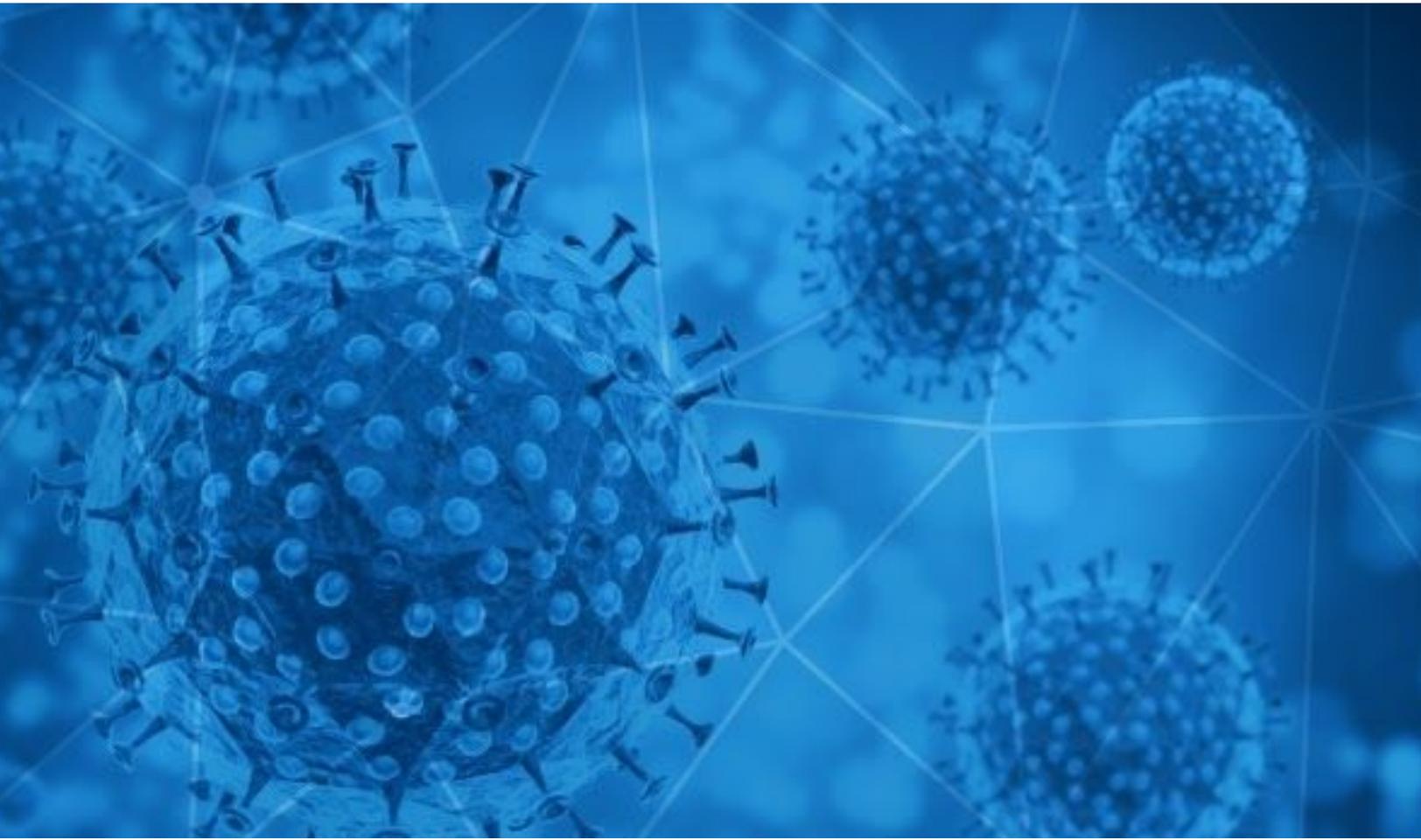




**RiskIQ i3:**

# COVID-19 Daily Update

04/27/2020



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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

*The information provided in this report is "as-is" and Customer acknowledges and agrees that RiskIQ makes no representation or warranty, express or implied, as to the accuracy or completeness of the information. Customer agrees that RiskIQ shall not have any liability resulting from Customer's use of this information.*

## Noteable Events in the Past 72 Hours

In the U.S., confirmed cases jumped by 206,147 (+27%) between 04/20/2020 and 04/27/2020. U.S. case fatalities rose by 4,194 (+8%) during the same period. New York remains the hardest-hit state in the country, accounting for 288,045 (30%) of the nation's confirmed cases.

The WHO warned that there is currently [no evidence](#) suggesting that catching COVID-19 once and having antibodies will prevent a second infection from occurring. This warning has possible implications for countries that are considering issuing “immunity passports” for individuals who have recovered from COVID-19, which would allow an individual to travel or return to work based on the presumption they cannot get sick again.

New York Governor Andrew Cuomo said the state continues to see a [decline in new COVID-19 cases](#), with new cases falling to levels not seen since March. Cuomo stressed testing is critical to combatting the outbreak, and, as a result, New York is authorizing all independent pharmacists to operate as collection sites for testing.

The [New York State Board of Elections](#) on Monday canceled the state's presidential primary, scheduled for June 23, after removing Senator Bernie Sanders' name from the primary ballot.

The Japanese island of Hokkaido experienced [early success against COVID-19](#) by utilizing lockdown procedures, but lifted lockdown restrictions after just three weeks due to declining case numbers. Hokkaido had to reinstitute a new lockdown in less than a month due to a second-wave of infections. Now, Hokkaido scholars are warning the world against relaxing safety controls prematurely.

Coronavirus Task Force member Dr. Anthony Fauci said the U.S. currently conducts between 1.5 million and 2 million COVID-19 tests a week, but will need to [double those numbers](#) before being able to safely reopen the economy. Fauci said high rates of positive results could suggest there is not enough testing, and the U.S. should aim for less than 10% positive results.

U.K. COVID-19 [fatalities now exceed 20,000](#), becoming the fifth nation in the world to top that number.

Canadian health authorities announced [one million KN95](#) respirators supplied by China are unfit for use and will not be distributed. Chinese-made products account for approximately 70% of Canada's PPE imports.

Canadian Prime Minister Justin Trudeau said the country [should not reopen its economy](#) until there is enough PPE to protect businesses. Trudeau said the federal government continues to

work with provincial governments to determine the best, science-based approach to reopening economies in each province.

In just five weeks, the [economic fallout](#) related to the COVID-19 pandemic has erased eleven years' worth of job gains. Total unemployment numbers now sit at 26.45 million, which eclipses the 22.442 million nonfarm jobs added since 2009.

American farmers are being forced to dump milk, throw out eggs, and plow under crops as [demand for produce drops](#). President Trump announced on Friday a \$19-billion relief package for farmers that will provide \$16 billion in direct payments to farmers and ranchers and \$3 billion in mass purchases of dairy, meat, and produce that will be provided to food banks.

State and local governments are warning of a [wave of layoffs and pay cuts](#) for government workers after being excluded from the newest federal COVID-19 relief bill expected to be passed this week. Higher expenditures on healthcare coupled with decreased revenues continue to hit state and local governments. The Center on Budget and Policy Priorities said states could be \$500 billion in the hole over the next two years.

In a full-page ad, Tyson Foods' board chairman John Tyson warned that the [food supply chain is breaking](#) and further cautioned that millions of livestock animals will be depopulated due to decreased demand. Tyson said there will be a limited supply of their products in stores until they are able to reopen closed-down facilities.

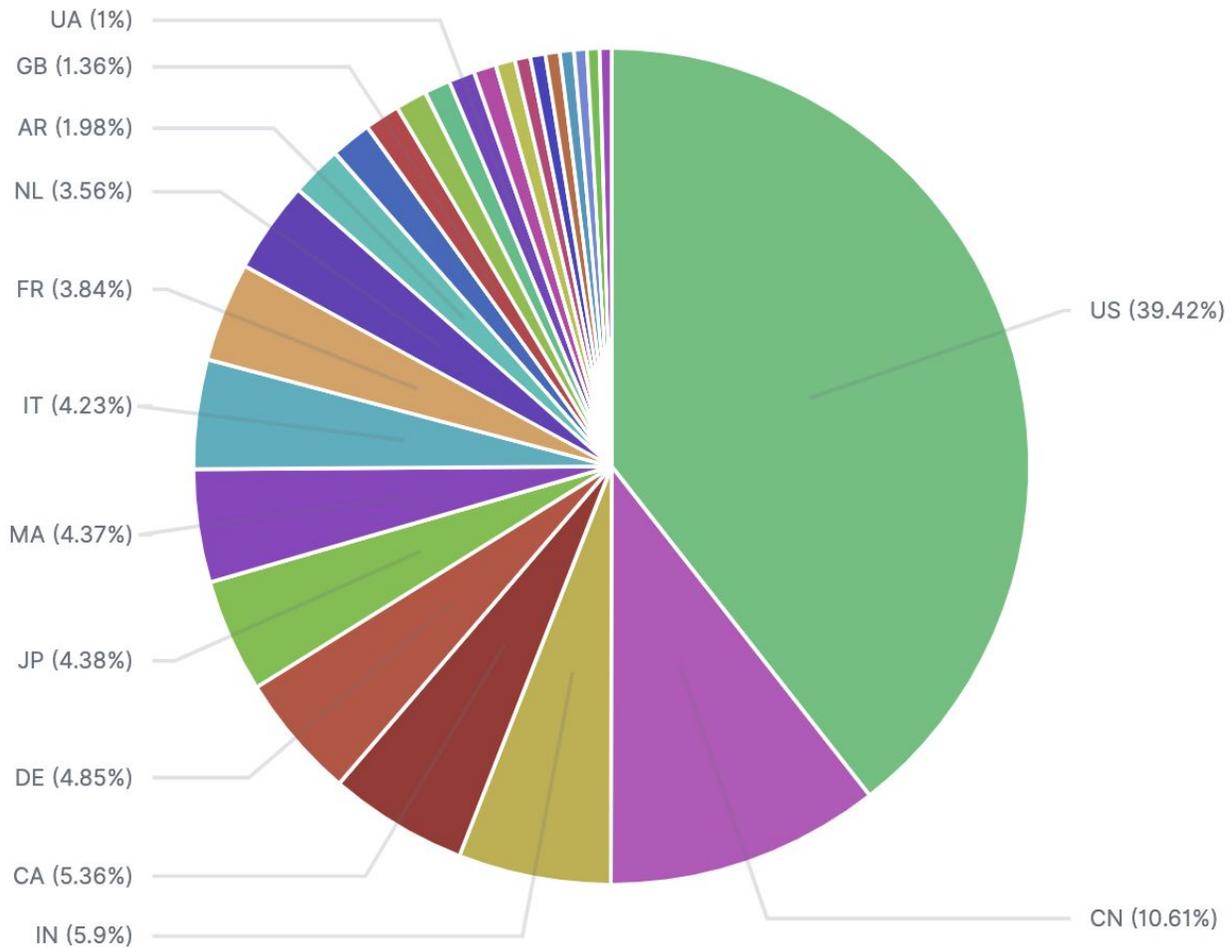
## Digital Exploitation

The Trump administration is pointing the finger at [China and Russia](#) for attempting to steal coronavirus research as officials have seen an increase in cyberattacks on US government agencies and medical institutions leading the pandemic response. John Demers, the head of the Justice Department's National Security Division, told CNN that "[t]here is nothing more valuable today than biomedical research relating to vaccines for treatments for the coronavirus... it's of great importance not just from a commercial value but ... it is going to have a significant geopolitical success story."

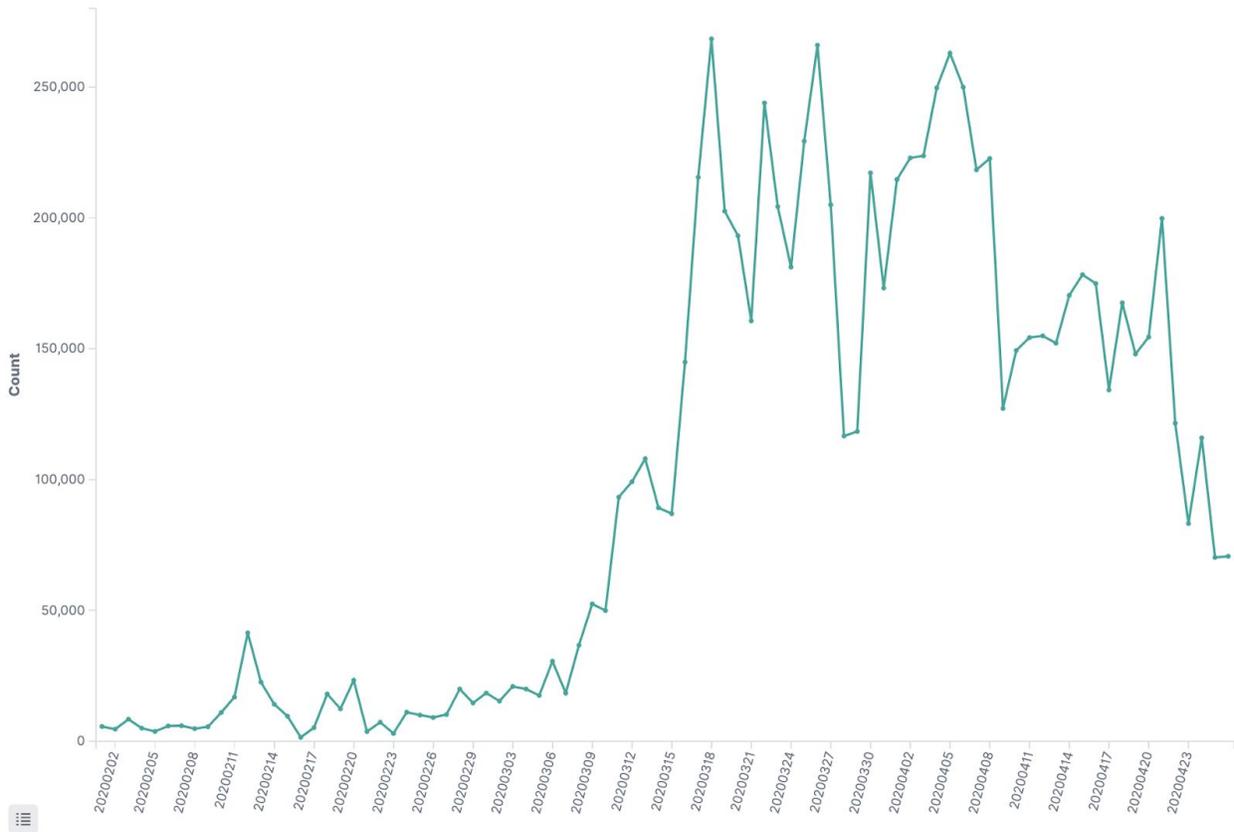
[Nintendo](#) said over 160,000 accounts have been hacked, due to attackers abusing a legacy login system. According to user complaints, unauthorized actors were logging into victims' accounts and abusing the payment cards connected to the accounts to buy digital goods on Nintendo's online stores, such as V-Bucks, in-game currency used in Fortnite, according to Threatpost reporting. Nintendo has now disabled the ability to log into a Nintendo account using NNID.

## COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/25/2020-04/27/2020. During this period, RiskIQ analyzed 140,948 spam emails containing either “\*corona\*” or “\*covid\*” in the subject line. There were 29,735 unique subject lines observed during the reporting period. The spam emails originated from 19,439 unique sending email domains and 12,444 unique SMTP IP Addresses. Analysts identified 318 emails which sent an executable file for Windows machines.



*Spam emails by country of origin*



*Spam emails by volume since February 1, 2020*

## 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: 72,802

Hosts: 72,802

Hosts and Domains with Potential Mail Servers: 284

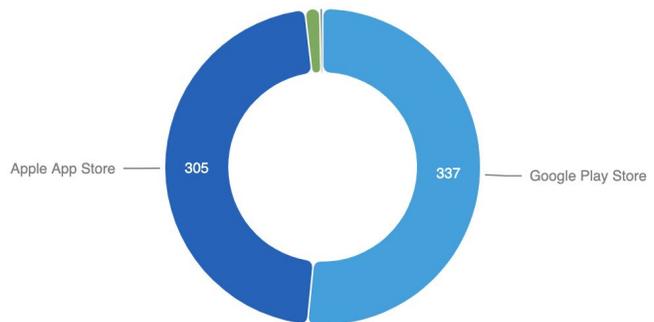
Email-Capable Domains and Hosts: 26,500

Live Hosts and Domains Not Parked: 33,722

### Mobile Apps

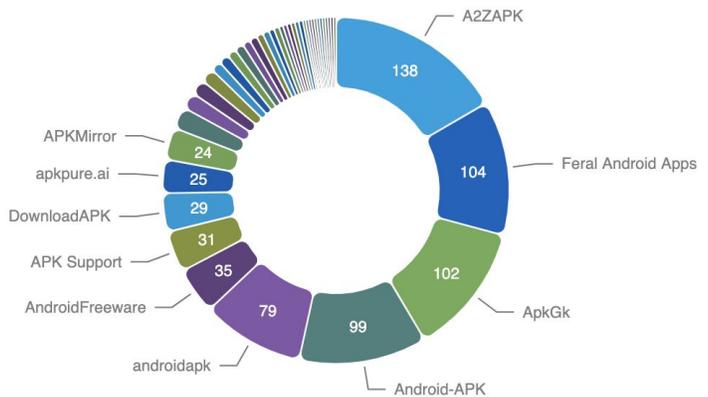
1. Apps in Official Stores: 652  
 (See Graph)
  - a. Google Play Store: 337
  - b. Apple App Store: 305
  - c. Windows Phone: 9
  - d. Amazon: 1

Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 789 (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: 2,989,090  
Total Fatalities: 207,431  
Countries w/ Confirmed Cases: 185

### U.S.

Total Tests Conducted: 5,441,079  
Total Cases: 965,933  
Total Fatalities: 54,877  
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: 288,045
2. New Jersey: 109,038
3. Massachusetts: 54,938

### Counties

1. New York City (NY): 158,258
2. Nassau County (NY): 34,522
3. Suffolk County (NY): 32,059
4. Cook County (IL): 30,574
5. Westchester County (NY): 27,664
6. Los Angeles County (CA): 19,567
7. Wayne County (MI): 15,748
8. Bergen County (NJ): 14,965
9. Hudson County (NJ): 13,708
10. Essex County (NJ): 12,863

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

## Governmental Guidance

### State & Local Governments

#### California

As of 04/27/2020, California has 43,720 confirmed cases of COVID-19, with 1,723 deaths.

Governor Gavin Newsom [announced](#) California has partnered with the Federal Emergency Management Agency to launch a new program in the state. The program called Restaurants Deliver will pay restaurants and hospitality workers to make and deliver free meals to seniors in California amid the COVID-19 pandemic. The initiative will give a financial boost to the food sector in the state and aid the issues of nutrition and isolation for the 1.2 million seniors with limited access to food.

#### Illinois

As of 04/27/2020, Illinois has 36,937 confirmed cases of COVID-19, with 1,688 deaths. Governor J.B. Pritzker [stated](#) Sunday that schools should prepare for both in-person and e-learning for this fall, as it is unclear what the COVID-19 situation will be by then. Governor Pritzker said Illinois has funds available to help create e-learning plans, and the school districts should take advantage of these funds to prepare themselves for this Fall.

#### New York

As of 04/27/2020, New York has 288,045 confirmed cases of COVID-19, with 22,269 deaths. Sunday, Governor Andrew Cuomo [announced](#) upstate regions of New York may enter into “Phase One” of reopening as soon as the middle of May. In order for this phase to begin, COVID-19 hospitalizations must decline for two straight weeks. Central New York and North County are two candidates in the upstate regions that could be the first to start the reopening process.

#### Texas

As of 04/27/2020, Texas has 24,968 confirmed cases of COVID-19 and 651 deaths. Today, Governor Greg Abbott is expected to [announce](#) the next phase of plans to reopen the economy in Texas. The initial plans put in place last week allow for retail-to-go services, where

nonessential businesses can fill orders for curbside pickup, and loosened restrictions on nonessential and elective surgeries.

## Washington, DC

As of 04/27/2020, the Washington, D.C. region has a total of 35,443 confirmed cases of COVID-19, with 18,581 in Maryland, 12,970 in Virginia, and 3,892 in the District. The District of Columbia has a total of 185 deaths, Virginia has 460 deaths, and Maryland has 945 deaths.

D.C. Mayor Muriel E. Bowser [announced](#) on Friday that the COVID-19 pandemic has taken a toll on D.C. finances. Chief Financial Officer Jeffrey Dewitt released revenue projections predicting a \$721.8-million hole in the budget for the district that must be balanced by 09/30/2020, the end of the fiscal year. The projected revenues for the District for the fiscal year of 2021 are \$773 million less than previously expected, and Bowser's administration is working to fill that hole.

## End Report