



RiskIQ i3:

COVID-19 Daily Update

05/04/2020

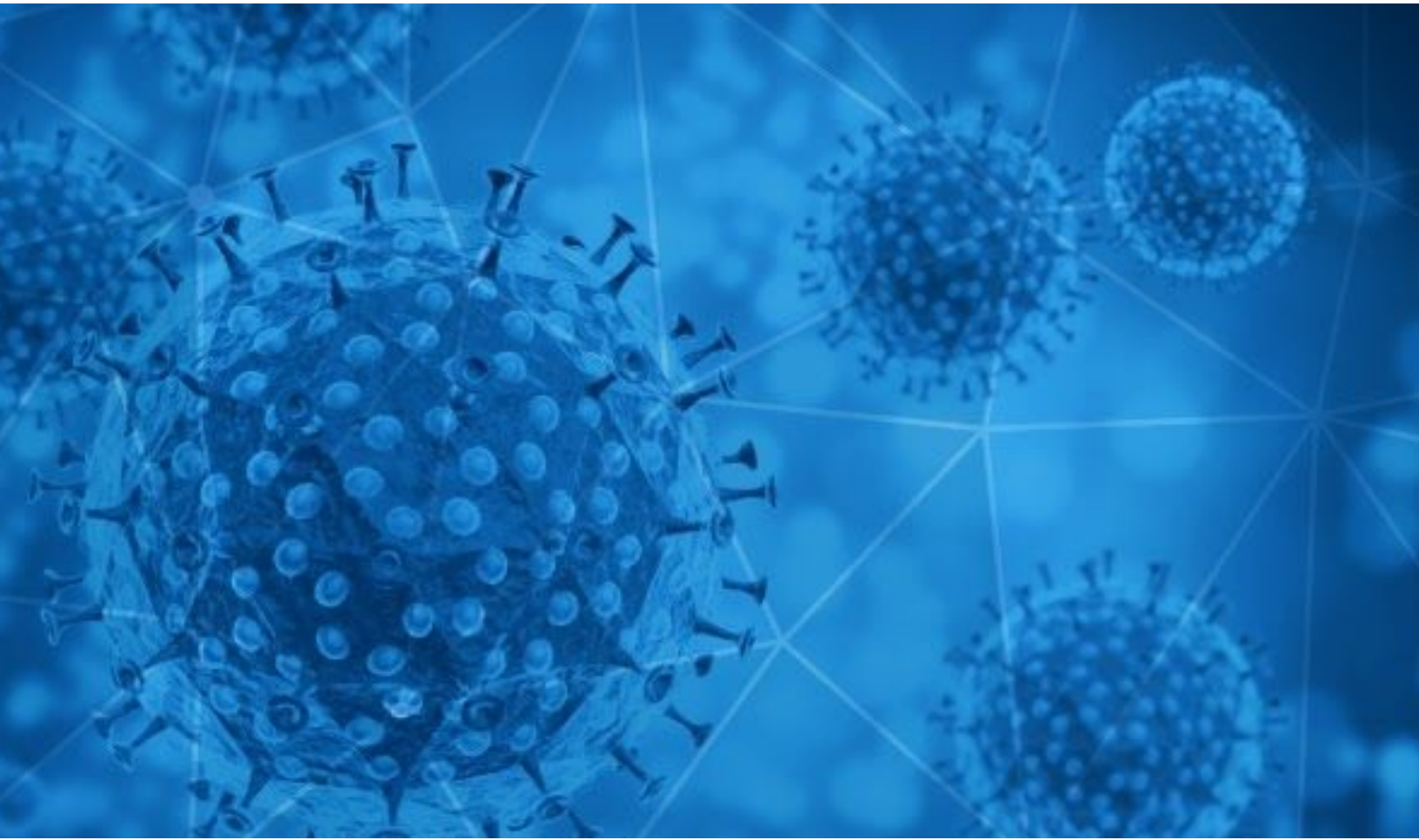


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Methodology

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 72 Hours

In the U.S., confirmed cases jumped by 192,408 (+20%) between 04/27/2020 and 05/04/2020. U.S. case fatalities rose by 12,809 (+23%) during the same period. New York remains the hardest-hit state in the country, accounting for 316,415 (27%) of the nation's confirmed cases.

The Food and Drug Administration (FDA) granted [emergency use authorization](#) to the antiviral drug remdesivir to treat hospitalized patients with COVID-19. Remdesivir-maker Gilead Sciences said it will donate 1.5 million vials of the drug to hospitals around the country in coordination with the federal government. The FDA also gave emergency approval for an [antibody test](#) that boasts near-perfect accuracy. Roche, maker of the antibody test, claimed the test can detect the presence of antibodies with 100% accuracy and is 99.8% accurate at ruling out their presence in blood.

More than 500 protesters [gathered](#) at Huntington Beach in California on Friday, 05/01/2020. The protesters called for Governor Gavin Newsom to end lockdown measures in place in the state. The protests came a day after Newsom ordered all beaches in Orange County to close.

Major League Baseball (MLB) officials said the league is hoping to [start the season](#) in late June. MLB officials said the league is planning to realign the league into three regional divisions, and teams will only play other teams in their division to cut down on travel.

Ohio Governor Mike DeWine issued a [modified stay-at-home order](#), called the "Stay Safe Ohio Order." DeWine stressed the new order is not a stay-at-home order, further stating that "Stay Safe Ohio" will allow businesses to begin slowly reopening in a way that will slow the spread of the virus.

New Mexico Governor Michelle Lujan Grisham [placed the city of Gallup on lockdown](#) following a surge in cases. Lujan Grisham said all roads leading into Gallup will be closed from 5 p.m. to 8 a.m. daily and she encouraged residents to stay in the city except for emergencies and trips for health, safety, and wellness.

New York Governor Andrew Cuomo announced [public schools will remain closed](#) for the rest of the academic year, and he would make a decision on summer school by the end of May. Cuomo said virtual learning, meal assistance, and child care for essential employees would continue.

[Oklahomans were allowed to return](#) to restaurants, malls and other stores on Friday as stay-at-home orders expired in the state's biggest cities, bringing local governments in line with

Gov. Kevin Stitt's plans for reopening the state's economy amid the coronavirus pandemic. Social distancing rules still apply.

People in Italy [will be allowed outside](#) to stroll in parks and visit relatives after two months of lockdown. Additionally, restaurants will be allowed to open for takeaway services and wholesale stores will be allowed to open for business. Lockdown procedures are easing elsewhere in Europe, including in Germany, Spain, Slovenia, Poland, and Hungary.

Preliminary research conducted at Queen Elizabeth Hospital Foundation Trust and the University of East Anglia in England found a “significant relationship” between low [vitamin D](#) levels and poor outcomes related to COVID-19. Based on their study, the researchers recommend taking vitamin D supplements to protect against the virus. The research is still awaiting peer review.

Mexico's health ministry reported [1,383 new coronavirus cases and 93 more deaths](#) on Sunday, bringing the country's total to 23,471 cases and 2,154 deaths. Of Mexico's 32 federal entities, only two have registered fewer than 100 cases.

The Central Park field hospital in New York City will [stop seeing new patients](#) beginning 05/04/2020 due to COVID-19-related hospital admissions falling to manageable levels. The field hospital has so far treated 315 patients.

Connecticut Governor Ned Lamont said he will [cancel tax relief](#) and impose \$400 million in emergency spending cuts to help the state get through the projected multi-billion-dollar deficit for the upcoming fiscal year.

President Trump said he is confident a [vaccine](#) will be available by the end of the year, though public health officials cautioned a vaccine could take a year to eighteen months to develop, test, and release to the public. Meanwhile, researchers at Oxford University are hopeful they will have enough data from their phase two trials to [understand the efficacy of their vaccine](#) by June. The researchers aim to have [one million doses available by September](#). The production of these vaccines will be at-risk because they are being produced during trials, meaning they will be rendered useless if ongoing trials fail to show efficacy for the vaccine.

Digital Exploitation

Similar to recent attacks in the US that RiskIQ highlighted on [05/01/2020](#), the UK's National Cyber Security Centre warned the country's universities and scientific facilities have been subjected to a wave of [hacking](#) attempts by other countries in the quest for coronavirus research. According to new details reported by ZDNet on 05/04/2020, the cyberattackers are focused on theft of valuable information, including customer data, banking records, and corporate intellectual property as well as politically or financially valuable datasets.

[Ransomware](#) operators demanded 33% more from their victims in Q1 2020 than in the previous quarter, according to BleepingComputer. The average ransom payment from larger enterprises in Q1 2020 was \$111,605. Smaller businesses were also targeted for significantly lower ransoms, with a median payment of \$44,021.

The Better Business Bureau (BBB) last week said it saw a spike in online [puppy scams](#). According to the BBB, nearly 85% of people who post pictures of puppies online are just trying to scam you out of money.

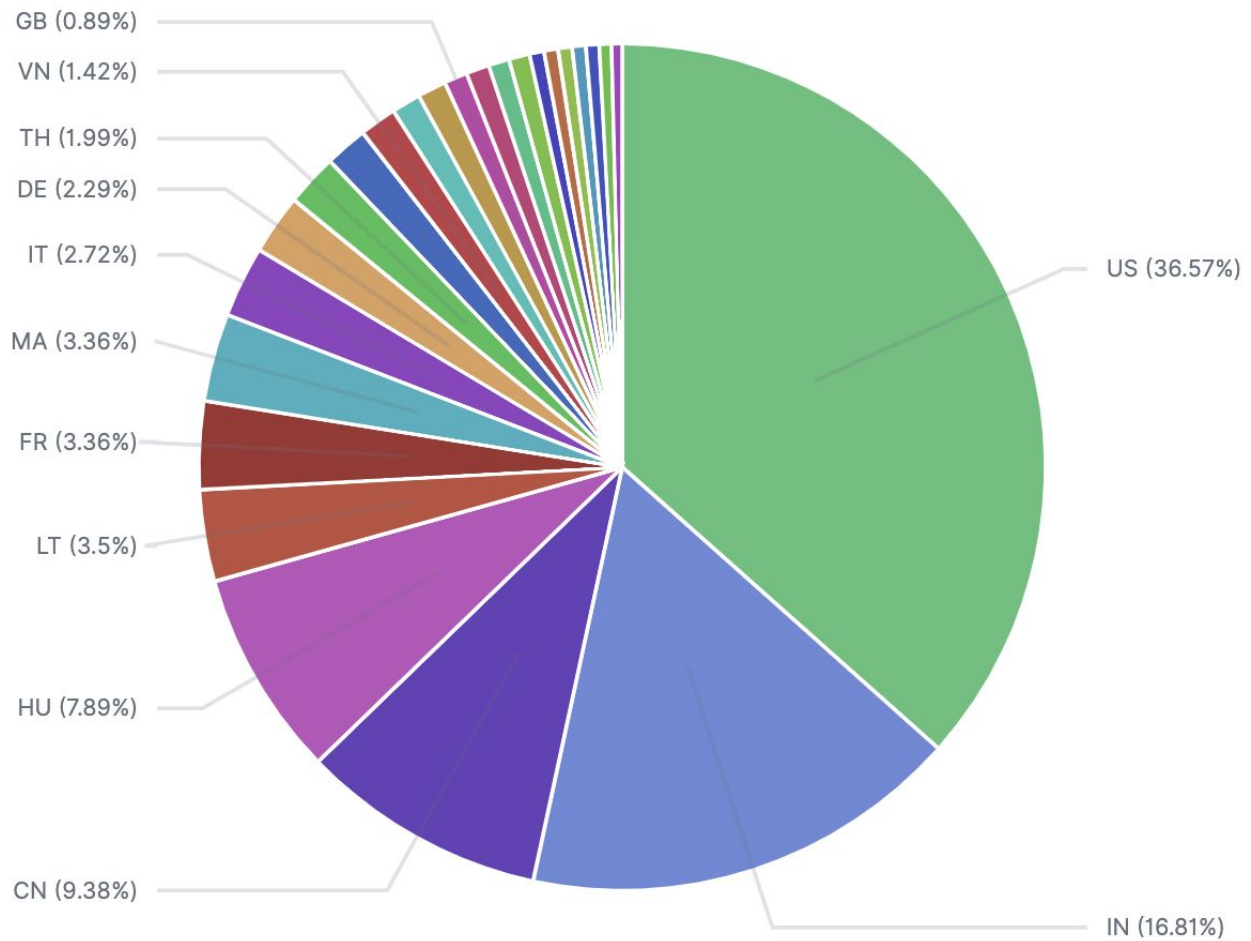
A hacker is selling a database containing the information of 91 million [Tokopedia](#) accounts on a dark web market for as little as \$5,000, according to BleepingComputer. Tokopedia is Indonesia's largest online store, with 4,700 employees and over 90 million active users.

New Blacklist Data

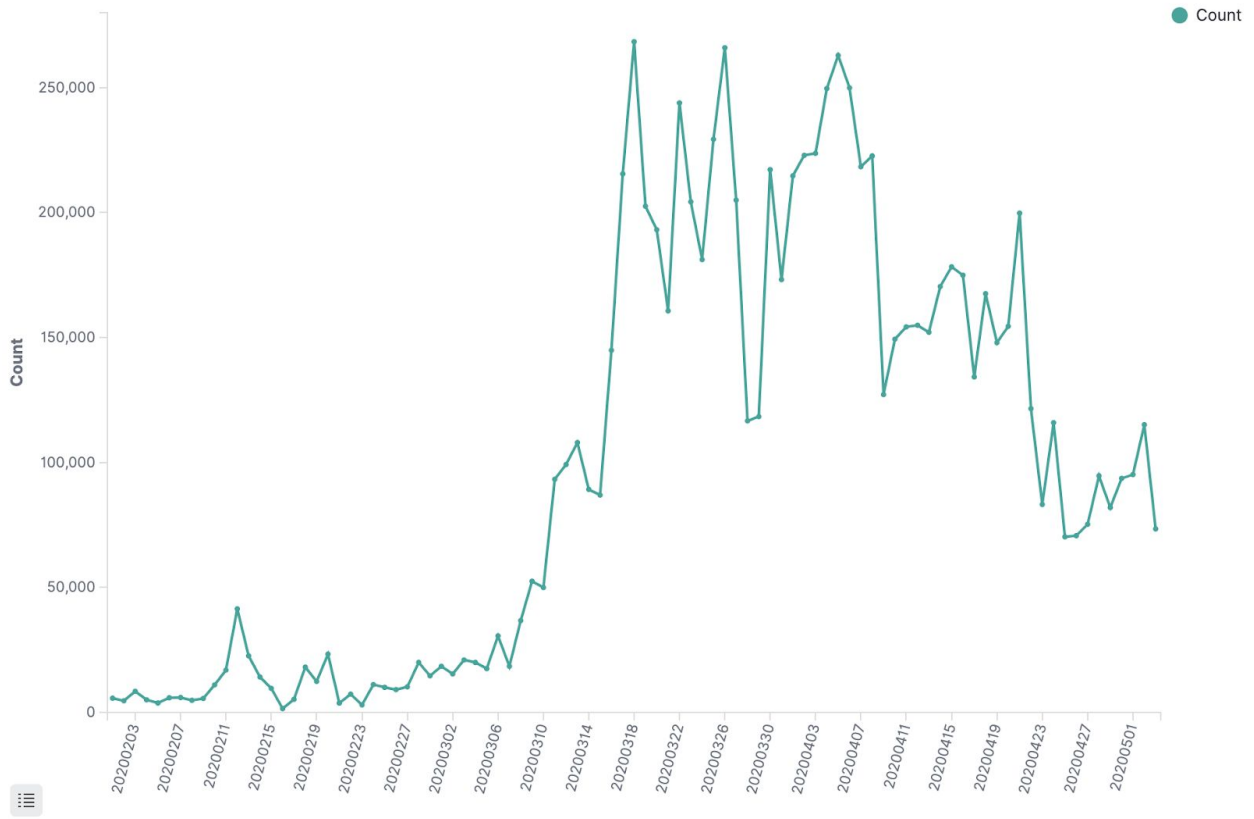
Note: No new updates. Please see the COVID-19 Daily Update (dated 05/02/2020) for the most recent data.

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 05/02/2020-05/04/2020. During this period, RiskIQ analyzed 188,512 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 16,149 unique subject lines observed during the reporting period. The spam emails originated from 9,305 unique sending email domains and 14,361 unique SMTP IP Addresses. Analysts identified 2 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. 19,547 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte
2. 18,054 - Let's fight Corona with Aarogya Setu! Download Now!
3. 13,013 - 4 Anti Corona Masks + 2 Face Guardians + 1 Multi Sterilizer + 1 OxyMonitor
4. 8,806 - Anti Coronavirus Disease (COVID-19) KN95 Face Mask is Available Now!
5. 6,132 - For those who fight against COVID-19
6. 5,833 - <redacted>, Collect ""COVID-19"" Aid Now
7. 3,636 - The Corona Letter: Weaker states take on the burden
8. 3,237 - Tell us how was your last flight with AirCanada before CoronaVirus?
9. 3,030 - 5 Best freelancing jobs during COVID-19 crisis | IT companies to suspend hiring, cut salaries of senior employees, says Mohandas Pai
10. 2,679 - US announces relaxations for H-1B visa holders and Green Card applicants | 5 Best freelancing jobs during COVID-19 crisis
11. 2,587 - Why the Coronavirus Is So Confusing
12. 2,087 - อืมข้อป...อืมบุญ! ข้อปสินค้าลป็นดั่งมากมาย ""ป็นหน้าใจ สู้ภัย Covid-19"" ได้แล้ววันนี้!!
13. 1,941 - COVID-19 Financial UPDATE!
14. 1,836 - Relief Funds For Covid 19
15. 1,810 - We Value Your Opinion About Canada Post During CoronaVirus Lockdown
16. 1,453 - CENTRAL BANK OF NIGERIA (DEAR BENEFICIARY YOUR ABANDON FUNDS WILL BE USE FOR COVID 19 FUNDING BY THE WORLD GOVERNOR BODIES.... CLAIM YOUR FUNDS)
17. 1,381 - Covid-19 Relief
18. 1,246 - Offerta Dedicata ai lavoratori impegnati alla lotta contro il Covid-19
19. 1,225 - How top brands are managing growth during COVID-19
20. 1,175 - ร่วมเป็นแรงสนับสนุนให้กับทางการแพทย์ สู้วิกฤต COVID-19
21. 1,169 - Health App to fight Coronavirus
22. 1,110 - Würdest du das CORONAVIRUS stoppen? Die Atemmaske schützt auch vor neue Infektion

23. 1,099 - Covid19 Business Opportunity
24. 1,092 - Ultra Wifi Provides Faster Internet during COVID-19
25. 1,085 - Coronavirus, Grippe? Hier ist die Atemmaske mit einem speziellen Filter

Top 10 IP Addresses

1. 13,011 - 173.44.148.88
2. 5,833 - 81.192.231.96
3. 5,699 - 219.65.84.187
4. 2,425 - 134.73.88.3
5. 2,351 - 134.73.88.2
6. 2,113 - 134.73.88.5
7. 1,941 - 148.72.151.12
8. 1,913 - 134.73.88.4
9. 1,453 - 45.143.223.104
10. 1,444 - 185.8.50.41

Top 10 Domains (RDNS)

1. 5,833 - adsl-96-231-192-81[.]adsl2[.]iam[.]net[.]ma
2. 5,699 - mgw07[.]tbsl[.]in
3. 2,425 - dvz[.]121179[.]xyz
4. 2,351 - osz[.]121179[.]xyz
5. 2,113 - ojt[.]121179[.]xyz
6. 2,087 - mail[.]thaiticketmajor[.]net
7. 1,941 - usve263209[.]serverprofi24[.]com
8. 1,913 - nae[.]121179[.]xyz
9. 1,506 - dailysavingfinder4[.]club
10. 1,444 - host41-50-8-185[.]static[.]arubacloud[.]fr

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

1. 1 - Coronavirus Job Retention Scheme – first payments now being made
2. 1 - About mask and prevention of covid 19

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

- | | |
|--------------|--------------|
| 1. 64,016 US | 14. 1,913 RU |
| 2. 29,424 IN | 15. 1,557 GB |
| 3. 16,417 CN | 16. 1,553 AR |
| 4. 13,813 HU | 17. 1,389 KR |
| 5. 6,130 LT | 18. 1,386 CA |
| 6. 5,880 FR | 19. 975 FI |
| 7. 5,874 MA | 20. 935 BR |
| 8. 4,762 IT | 21. 934 NL |
| 9. 4,005 DE | 22. 909 ES |
| 10. 3,486 TH | 23. 890 BE |
| 11. 2,866 MY | 24. 809 CL |
| 12. 2,482 VN | 25. 705 JP |
| 13. 1,934 BD | |

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: 76,549

Hosts: 87,063

Hosts and Domains with Potential Mail Servers: 289

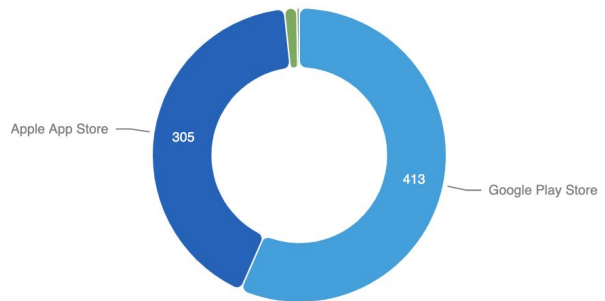
Email-Capable Domains and Hosts: 27,691

Live Hosts and Domains Not Parked: 35,297

Mobile Apps

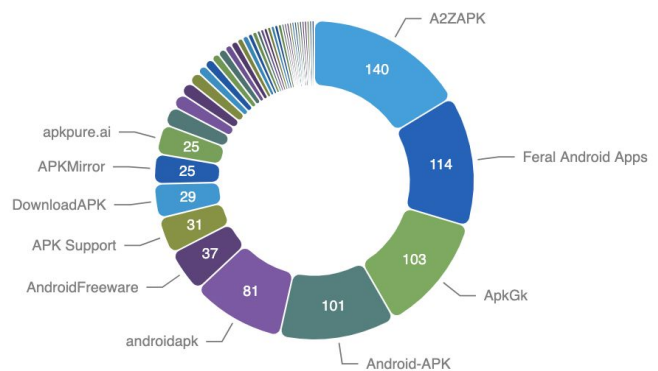
1. Apps in Official Stores: 728
 (See Graph)
 - a. Google Play Store: 413
 - b. Apple App Store: 305
 - c. Windows Phone: 9
 - d. Amazon: 1

Apps on Official Stores



2. Apps in Secondary/Hybrid Stores: 812 (See Graph)

Apps on Secondary and Hybrid Stores by store



3. Blacklisted Mobile Apps by Store Type:
 - a. Secondary: 29
 - b. Hybrid: 1
 - c. Official: 1

Facts and Figures at a Glance

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

Global

Total Cases: 3,526,178
Total Fatalities: 247,971
Countries w/ Confirmed Cases: 187

U.S.

Total Tests Conducted: 7,053,366
Total Cases: 1,158,341
Total Fatalities: 67,686
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: 316,415
2. New Jersey: 126,744
3. Massachusetts: 68,087

Counties

1. New York City (NY): 174,331
2. Cook County (IL): 42,324
3. Nassau County (NY): 36,780
4. Suffolk County (NY): 34,885
5. Westchester County (NY): 29,884
6. Los Angeles County (CA): 25,699
7. Wayne County (MI): 17,298
8. Bergen County (NJ): 16,185
9. Hudson County (NJ): 15,769
10. Middlesex County (MA): 15,370

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 05/04/2020, California has 54,924 confirmed cases of COVID-19 and 2,217 fatalities. Friday saw the [highest, single-day total](#) for COVID-19 fatalities in two weeks with 98. Of the reported deaths, 11 were from the Bay Area. While deaths were on the rise, testing in the state also rose to 19,400 people tested on Friday.

Illinois

As of 05/04/2020, Illinois has 61,499 confirmed cases of COVID-19 and 2,618 fatalities. Sunday, Governor J.B. Pritzker [announced](#) more than 19,400 COVID-19 tests were performed in 24 hours. In the state of Illinois, 4,700 of its 32,000 hospital beds are occupied by COVID-19 patients.

New York

As of 05/04/2020, New York has 316,415 confirmed cases of COVID-19 and 24,708 fatalities. The state of New York will [partner](#) with six other Northeast states—New Jersey, Connecticut, Pennsylvania, Delaware, Rhode Island and Massachusetts— to purchase and stockpile critical supplies for a possible second wave of COVID-19. The group plans to purchase \$5 billion worth of personal protective equipment and will require hospitals to maintain at minimum a 90-day supply of PPE.

Texas

As of 05/04/2020, Texas has 31,998 confirmed cases of COVID-19 and 878 fatalities. Sunday, Governor Greg Abbott [announced](#) the number of patients who have recovered from COVID-10 has exceeded the number of active COVID-19 cases in the state of Texas. The Texas Department of State Health Services reported on Sunday that around 15,544 individuals have recovered from COVID-19 in Texas.

Washington, DC

As of 05/04/2020, the Washington, D.C. region has a total of 49,971 confirmed cases of COVID-19, with 25,462 in Maryland, 19,493 in Virginia, and 5,016 in the District of Columbia. Maryland has 1,317 fatalities, Virginia has 683 fatalities, and the District of Columbia has 258 fatalities. The state of Maryland [reported](#) on Sunday the number of COVID-19 hospitalizations was down for the third consecutive day and new hospital admissions were nearly stable in the state of Virginia.

End Report