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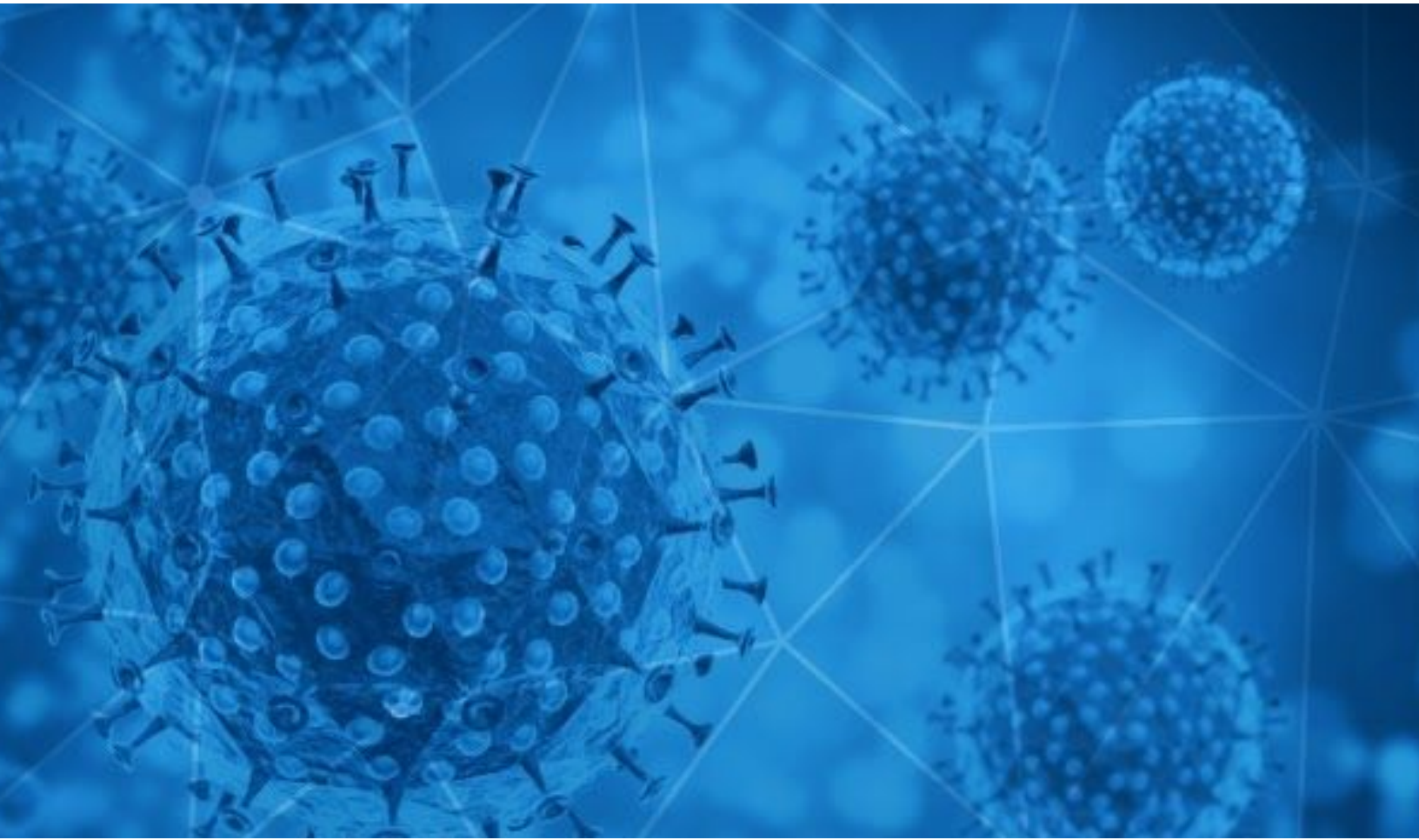
RiskIQ i3:

COVID-19 Daily Update

03/27/2020



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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.

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Notable Events: Previous 24 Hours

After exceeding 82,000 confirmed cases on Thursday, 03/26/2020, the U.S. overtook China with the highest count of COVID-19 cases in the world. The U.S. has administered 418,000 tests across the country through both the CDC and private labs.

The House passed a $2 trillion coronavirus relief bill on Friday, sending the unprecedented measure to President Donald Trump's desk after a scramble to block efforts to delay its passage.

Researchers at the University of Washington School of Medicine assessed the U.S. could see between 38,000 and 162,000 fatalities related to COVID-19, and cases may not begin to subside until June 2020. The researchers expect the number of hospitalizations to peak nationally by the second week of April, but some states might not hit their peak until later.

UK Prime Minister Boris Johnson tested positive for COVID-19 after developing what he called "mild symptoms", including a fever and persistent cough. Johnson is self-quarantined at home, where he will continue to work remotely. UK Health Secretary Matt Hancock also tested positive for the virus.

Service Employees International Union United Healthcare Workers West announced it located 39 million N95 masks and would provide them to state and local governments, as well as healthcare providers. The union also said it found a supplier which can produce 20 million masks per week and another which can produce millions of protective face shields.

Dyson founder James Dyson said the company has designed a new ventilator and will produce 15,000 units. Dyson reported the UK government ordered 10,000 ventilators. The ventilators will reportedly be ready by early April. In the U.S., Ford, Tesla, and GM are also working to make ventilators.

In Israel, First Robotics League, Microsoft Israel Research and Development, Ichilov Medical Center, Magen David Adom, and Unit 108 of the Air Force are coming together to work on a solution to the nation's respirator shortage. The group aims to create an open source respirator that can be mass produced in labs at a low cost.

Under Secretary of Defense for Acquisition and Sustainment Ellen Lord warned adversary nations may use economic turmoil as a means to buy out American-made technologies. The Pentagon has expressed concerns over the last several years that foreign nations such as China are investing in U.S. startup companies that have national security applications.

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Digital Exploitation

There has been a steady increase in the number of COVID-19-related email attacks since January, according to security firm Barracuda Networks, but researchers observed a recent spike in this type of attack, up 667% since the end of February. According to TechRepublic reporting, between March 1 and March 23, researchers detected 467,825 spear phishing email attacks, and 9,116 of those detections were related to COVID-19, representing about 2% of attacks.

According to Naked Security reporting on 03/26/2020, researchers have seen evidence that hackers are targeting home delivery food apps. The hackers use the apps in an effort to scam customers out of their personal information, including their credit card numbers.

A new COVID-19 bitcoin scam promises victims “millions” by working from home. According to a Malwarebytes blog posting, the dubious COVID-19 bitcoin missives are sent via phishing emails.

New Blacklist Data

hxxps://covid-19prep[.]shop/

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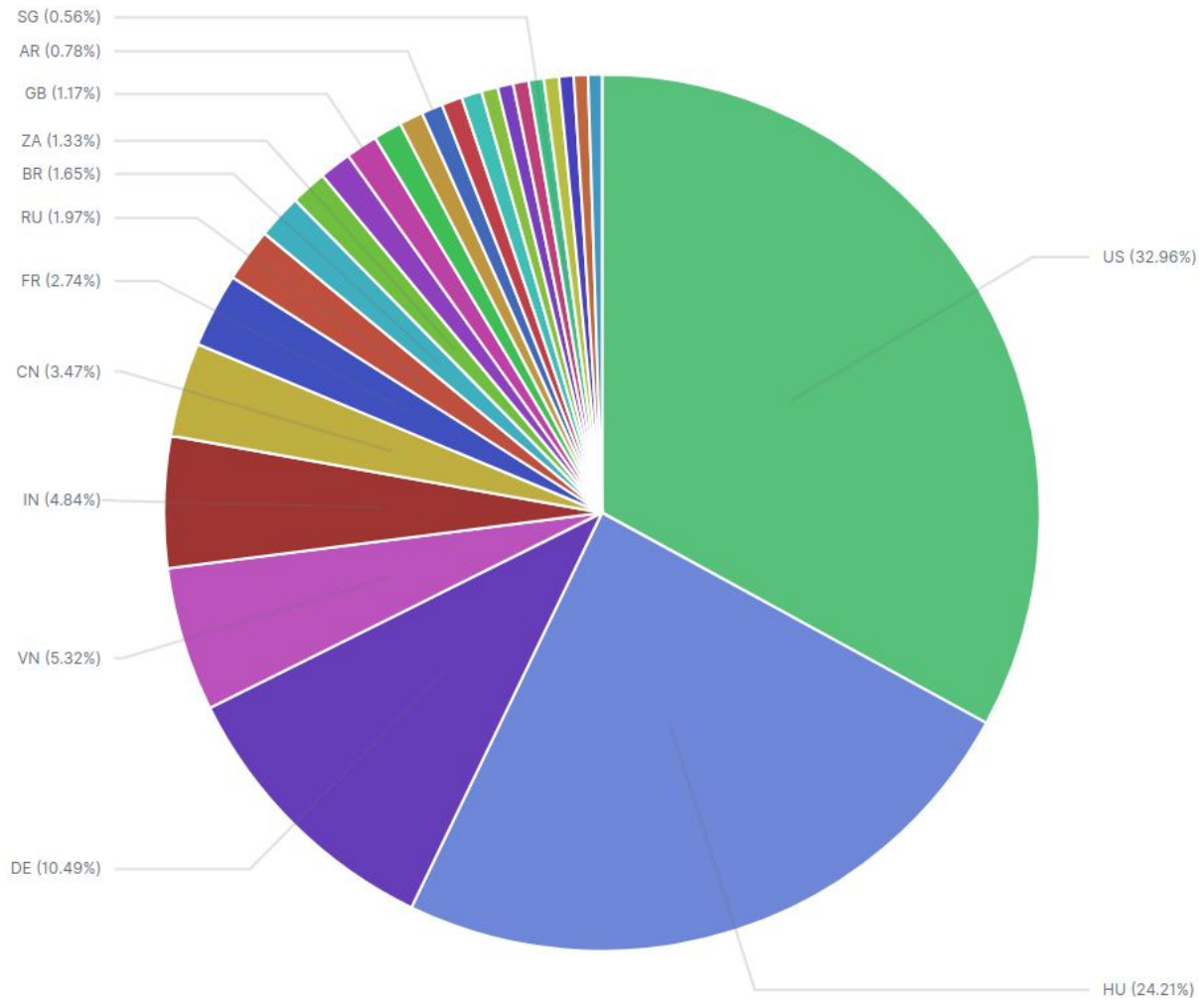
COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 03/26/2020-03/27/2020. During this period, RiskIQ analyzed 265,952 spam emails containing either “*corona*” or “*covid*” in the subject line. There were 20,588 unique subject lines observed during the reporting period. The spam emails originated from 31,734 unique sending email domains and 24,306 unique SMTP IP Addresses. Analysts identified 163 emails which sent an executable file for Windows machines.



Spam emails by country of origin

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Top 25 Subjects

1. 56,595 - How to protect your body from COVID-19
2. 43,049 - 3 shocking reasons why South Koreans aren't dying from coronavirus
3. 20,145 - COVID-19
4. 10,741 - The Mask that can prevent Coronavirus now
5. 6,967 - CORONAVIRUS ALERT: FREE Breathing Masks For USA
6. 5,444 - Coronavirus is spreading, this specialized mask can control it
7. 3,129 - Makro store operations regarding Covid-19 outbreak and the impact on store trading
8. 3,055 - The Corona Letter: The math behind social distancing
9. 2,699 - Spéciale Covid-19 n° 2 (en accès libre pour tous)
10. 2,388 - COVID-19 Outbreak | Protect your Family Using this Guide !
11. 2,346 - sincerely grateful for your donation to our COVID 19 pandemic frontline health workers
12. 2,219 - Feeling Helpless Against Corona ?
13. 2,170 - Message from Airtel CEO - Doing our bit to fight COVID-19
14. 2,059 - I can infect you with COVID-19
15. 1,990 - 6 critical mistakes you must avoid during work from home | How TCS and other tech giants are managing global business amidst COVID 19
16. 1,762 - Covid-19 Funds
17. 1,549 - Coronavirus : plan d'urgence de soutien aux startups
18. 1,444 - USCIS eases work policies for H-1B Visa holders amid COVID-19 | 6 critical mistakes you must avoid during work from home
19. 1,437 - Coronavirus is not controllable. Feeling Helpless ?
20. 1,340 - We've protected 5389 people this week from COVID-19. Take the quiz to see if you are prepared !
21. 1,308 - Coronavirus COVID-19 : aides et accompagnement pour les entreprises
22. 1,205 - CBZ Group COVID- 19 Response
23. 943 - Coronavirus resources, Virtual appeals hearings, National Vietnam War Veterans Day is March 29
24. 942 - Covid-19
25. 897 - Coronavirus in Italia: il nostro intervento

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

1. 54 - COVID-19 UPDATE !!
2. 29 - CONFIRM YOUR COMPANY BAN ON COVID19 /URGENTLY
3. 25 - Covid19"" Latest Tips to stay Immune to Virus !!
4. 18 - Re: Important COVID-19 Working Procedures
5. 11 - Stay Safe for COVID-19/ Order Inquiry
6. 10 - CONFIRM YOUR COMPANY BAN ON COVID19 (corona virus)/URGENTLY
7. 9 - Our Ongoing Commitment During COVID-19
8. 2 - Stay Safe form COVID-19/ Order Inquiry
9. 2 - COVID-19 KITS AVAILABLE
10. 2 - CORONAVIRUS COVID-19 Prevención y Directrices
11. 1 - URGENT STEPS TO AVOID COVID 19 | COVID 19 MEDICAL TEAM

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

1. 78,485 US
2. 57,645 HU
3. 24,971 DE
4. 12,676 VN
5. 11,524 IN
6. 8,257 CN
7. 6,532 FR
8. 4,690 RU
9. 3,928 BR
10. 3,176 ZA
11. 2,814 NL
12. 2,795 GB
13. 2,498 IT
14. 2,098 ES
15. 1,866 AR
16. 1,820 CA
17. 1,791 KR
18. 1,436 LA
19. 1,374 BD
20. 1,364 CL
21. 1,335 SG
22. 1,317 IE
23. 1,281 ZW
24. 1,249 PL
25. 1,211 JP

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COVID-19 Host, Domain, and Mobile App Tracking

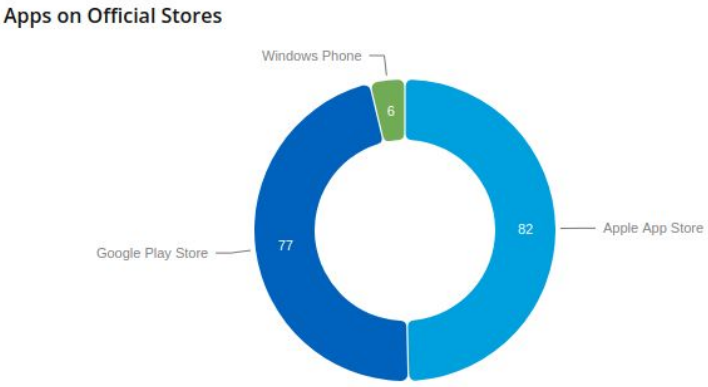
RiskIQ gathers data relating to newly-observed hosts and domains containing COVID-19, COVID19, or Coronavirus in the host or domain name and mobile apps containing COVID-19, COVID19, or Coronavirus in the title or description. A summary of data collected is contained in this section.

Domains and Hosts

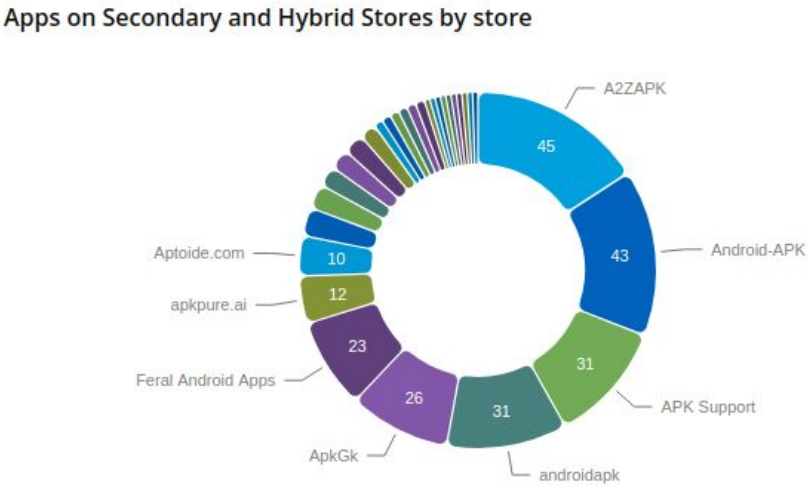
Domains: 35,374
Hosts: 38,769
Hosts and Domains with Potential Mail Servers: 190
Email-Capable Domains and Hosts: 12,091
Live Hosts and Domains Not Parked: 14,883

Mobile Apps

1. Apps in Official Stores: 165 (See Graph)
    a. Google Play Store: 77
    b. Apple App Store: 82
    c. Windows Phone: 6



2. Apps in Secondary/Hybrid Stores: 275 (See Graph)



3. Blacklisted Mobile Apps by Store Type:
    a. Secondary: 11
    b. Hybrid: 1

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Facts and Figures at a Glance

Note: As of 03/17/2020 data will be derived from Johns Hopkins University.

Global

Total Cases: 551,357
Total Fatalities: 24,906
Countries w/ Confirmed Cases: 176

U.S.

Total Cases: 86,012
Total Fatalities: 1,301
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: 39,140
2. New Jersey: 6,876
3. California: 4,040

Counties

1. New York City (NY): 23,112
2. Westchester County (NY): 5,944
3. Nassau County (NY): 3,914
4. Suffolk County (NY): 2,735
5. Cook County (IL): 1,904
6. King County (WA): 1,577
7. Wayne County (MI): 1,389
8. Los Angeles County (CA): 1,230
9. Bergen County (NJ): 1,206
10. Rockland County (NY): 1,197

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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

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Governmental Guidance

State & Local Governments

California

As of 03/27/2020, California has 4,040 confirmed COVID-19 cases and 82 deaths. All DMV field offices in California will temporarily close amid the novel coronavirus outbreak, officials said Thursday. The statewide closure will begin Friday. Offices will reopen virtually on April 2, and customers will be able to complete vehicle title transfers and complex vehicle registration renewals.

Illinois

As of 03/27/2020, Illinois has 2,539 confirmed cases of COVID-19 and 26 deaths. Chicago officials are asking anyone who sees a nonessential business still operating in violation of the state's stay-at-home order to call 311 to report the business. City inspectors are responding to complaints, and enforcing the order, including issuing citations that can cost businesses up to $10,000 per violation. The city is also checking to make sure businesses don't force employees to come to work while they're sick. Businesses that don't grant paid sick leave to their employees can be fined up to $1,000 per violation.

Massachusetts

As of 03/27/2020, Massachusetts has 2,417 confirmed cases of COVID-19 and 25 deaths. The deans at Tufts School of Medicine, Harvard Medical School, Boston University School of Medicine and the University of Massachusetts Medical School agreed to the state's request to move graduation up a month, effectively making 700 new doctors available to fight the outbreak. The graduates would be able to apply for 90-day provisional licenses that would allow them to work at hospitals that are seeing a surge in coronavirus patients.

New York

As of 03/27/2020, New York has 39,140 confirmed COVID-19 cases and 461 deaths. New York City makes up more than half of the statewide cases of COVID-19 with 23,112. Several states on Thursday issued new rules for travelers arriving from New York and surrounding areas. Rhode Island is stationing members of the National Guard at bus stations, where those arriving from New York will be required to provide ID and contact information. Those traveling in a car

with a New York license plate will be pulled over by Rhode Island state police and required to reveal where they're staying and provide contact information.

Washington, DC

As of 03/27/2020, the Washington, D.C.-region has a total of 1,652 confirmed COVID-19 cases with 606 in Virginia, 775 in Maryland, and 271 in the District. D.C. officials announced Friday the city will reduce most in-person voting for the June 2 primary election to 20 to help reduce coronavirus transmission risk. They are encouraging people to instead request mail-in ballots. The city is also expanding early voting to run May 22 through June 2.

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End Report