RiskIQ i3:

COVID-19 Daily Update

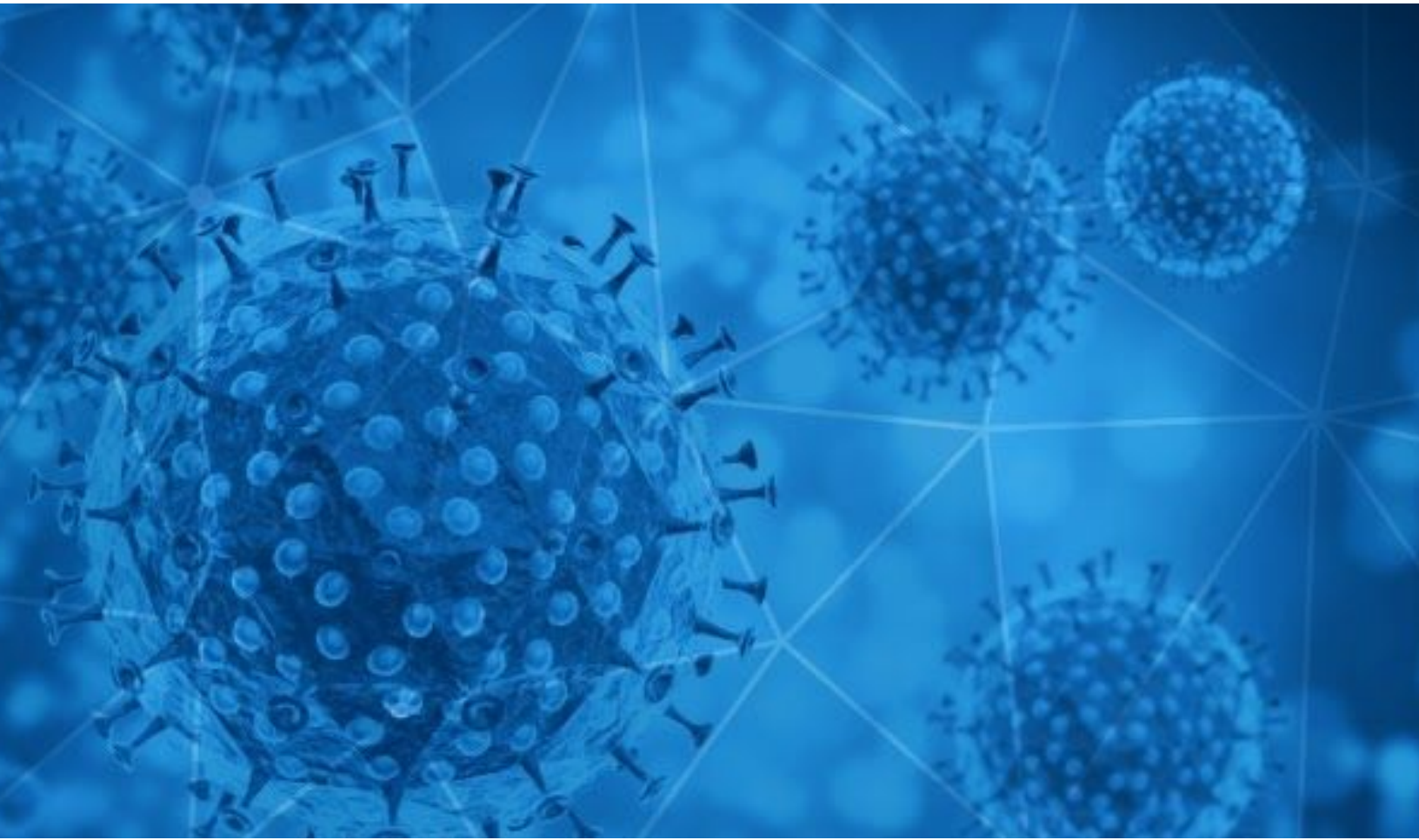04/15/2020

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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 in the Past 24 Hours

Two studies conducted by NYU researchers found that age, obesity, and chronic illness lead to higher hospitalization rates among COVID-19 patients. One study of 4,103 patients found that age and chronic illness—specifically, cardiovascular disease, diabetes and obesity—were the leading factors for hospitalization; this study is awaiting peer review. In another study, researchers found patients under 60 were at greater risk of hospitalization due to COVID-19 complications if they were obese. Obese, under-60 patients were nearly twice as likely to be hospitalized for acute and critical care.

The Supreme Court announced it will hear ten cases via teleconference in May after postponing cases in March and April. This marks the first time in its history the high court has heard arguments via teleconferencing and not in the courtroom. The court will provide a live audio feed to news outlets, also a first for the high court.

Harvard University researchers used computer modeling to evaluate the possible course of the COVID-19 virus over the next five years. The researchers said prolonged or intermittent social distancing may be required based on data revealed by the models. More specifically, researchers warned social distancing measures may be necessary into 2022 unless critical care capacity is increased or treatments or vaccinations become available.

President Trump instructed his administration to temporarily halt funding to the World Health Organization due to complaints it took China's word "at face value" and failed to share information about the pandemic early in its course. According to administration officials, the funding freeze will last for sixty days. The budget freeze has been met with significant criticisms from Bill Gates, security and public health scholars, and Democratic members of Congress.

Former White House health official Dr. Ezekiel Emanuel warned that restarting the economy must be done in stages. Emanuel said that large public gatherings—including sports events, conferences, and concerts—will likely not be safe to resume until fall 2021 at the earliest.

Schools and shops across Denmark are reopening, with more than 650,000 children returning to daycare facilities and primary schools. Shops and schools are part of the first wave of a phased approach to reopening the country. Universities, churches, movie theaters, and shopping malls will remain closed until at least 05/10/2020; the ban on congregations of more than 100 people will remain in effect until August.

Protesters gathered outside the Michigan state capitol to protest Governor Whitmer's stay-at-home order. The protesters urged Whitmer to reopen non-essential businesses by 05/01/2020. The protest was organized by the Michigan Conservative Coalition.

Digital Exploitation

Two Canadian organizations involved in work on COVID-19—one a government body—have been the targets of recent ransomware attacks, according to a report from Palo Alto Networks Inc. In one of the attacks, targets received an email with a file attachment named "20200323-sitrep-63-covid-19.doc" that, if opened, would encrypt files on their computer until a ransom had been paid.

Hackread.com discovered on 04/11/2020 that the personal data of 1.41m US doctors was being sold on hacker forums. The physicians' data was stolen from qa.findadoctor[.]com, an online service that lets people search for healthcare professionals, book instant appointments, and consult with doctors online. The targeted website is based in Edison, NJ New Jersey and it claims to have registered 100,000+ doctors and 5,000+ members.

On 04/14/2020 Senators Mazie K. Hirono (D-Hawaii), Cory Booker (D-N.J.), and Maggie Hassan (D-N.H.) called on the leaders of eight domain name registrars and hosting sites to combat scams and misinformation during the COVID-19 pandemic. The Senators asked the executives of GoDaddy, Dynadot, Donuts Inc., Namecheap Inc., Web.com, Endurance International Group, InMotion Hosting, and DreamHost to explain the steps their companies are taking to combat misinformation about the COVID-19 pandemic.

New Blacklist Data
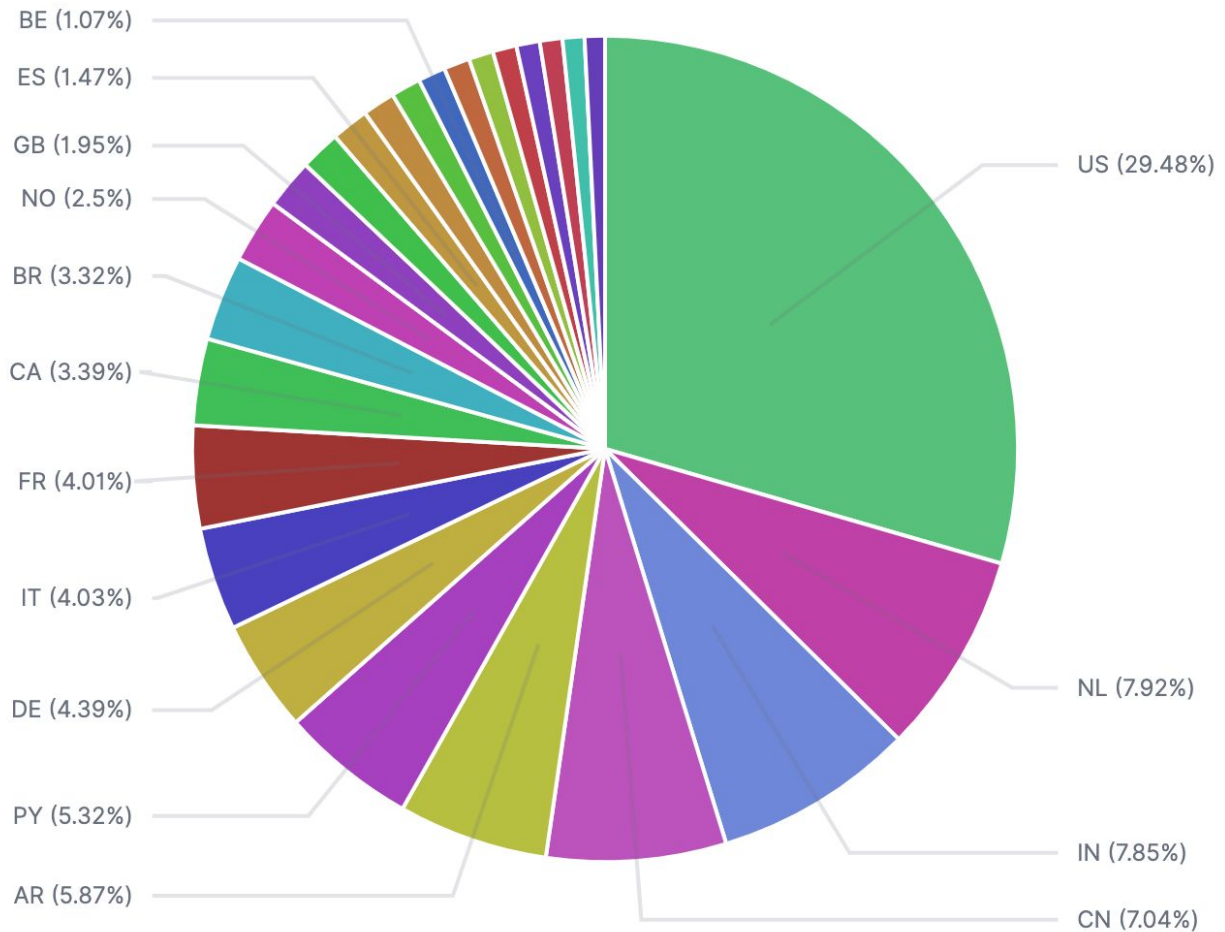
hxxps://www[.]descovid-19[.]com/home/

hxxps://daneili-corus[.]com/covid-19/SFExpress/gez1wat22q5fh0apsf67pxct[.]php

hxxps://todaysperfectgift[.]xyz/wp-includes/sodium_compat/amex/American-Express-Covid-19-Stay-at-home/home/

hxxps://www[.]covid-19-medllevensohn[.]com/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 04/14/2020-04/15/2020. During this period, RiskIQ analyzed 170,387 spam emails containing either "*corona*" or "*covid*" in the subject line. There were 18,453 unique subject lines observed during the reporting period. The spam emails originated from 8,391 unique sending email domains and 19,694 unique SMTP IP Addresses. Analysts identified 583 emails which sent an executable file for Windows machines.

BE (1.07%)
ES (1.47%)
GB (1.95%)
NO (2.5%)
BR (3.32%)
CA (3.39%)
FR (4.01%)
IT (4.03%)
DE (4.39%)
PY (5.32%)
AR (5.87%)

US (29.48%)
NL (7.92%)
IN (7.85%)
CN (7.04%)

Spam emails by country of origin

Top 25 Subjects

1. 26,642 - Help WHO fight COVID-19. We are all in this together.

2. 7,565 - ATTN:UNITED NATIONS COVID-19 STIMULUS PACKAGE GRANTS

3. 4,948 - Ethical Pandemic Coronavirus Supplies

4. 4,159 - coronavirus.mascarilla de proteccion facial

5. 3,809 - Message from Airtel CEO - Keeping you connected during COVID - 19

6. 3,236 - UNITED NATIONS COVID-19 STIMULUS PACKAGE GRANT(S)?

7. 3,147 - CORONAVIRUS ALERT: Breathing Mask

8. 2,773 - The Corona Letter: A May date for locked down India

9. 2,508 - We fight together against COVID-19

10. 2,186 - COVID19 Offer -85%

11. 1,853 - The Mask that can prevent Coronavirus now

12. 1,802 - Geef je weerstand een boost tegen het Corona Virus!

13. 1,733 - WAEC Urges SSCE Candidates To Use COVID-19 Lockdown Period To Study Hard For the Exam

14. 1,597 - States team up on plans to reopen, what recovery from COVID-19 looks like, and more from Apple News

15. 1,549 - Welche Maske sollten Sie gegen das Coronavirus tragen? Hier die Informationen und alles Wissenswerte

16. 1,441 - Re: Disposable Mask for Coronavirus （FDA/CE Certificated）

17. 1,265 - SUPPORT NEEDED FOR LESS PREVILEGED COVID-19 AFFECTED PEOPLE AND AREAS

18. 1,059 - Während das Coronavirus tobt: Wie man Geld verdient, ohne das Haus zu verlassen

19. 1,022 - Verwalten Sie 1000% bei Covid-19, bevor die Quarantäne beendet ist!

20. 1,003 - We Offer anti corona-virus Materials and service

21. 981 - The Covid-19 Solidarity Response Fund

22. 974 - (COVID-19)

23. 922 - Coronavirus is spreading, this specialized mask can control it

24. 863 - Be prepared. Use our unemployment guide to help during the COVID19 crisis

25. 843 - Let our unemployment guide help you take on the COVID19.

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

1. 494 - RE: NEW ORDER CORONA KITS

2. 73 - FONDOS DE ALIVIO DE COVID-19

3. 6 - FUNDOS DE ALÍVIO COVID-19

4. 4 - WTO_INTVTN_COVID-19

5. 4 - COVID 19 HELP DESK

6. 2 - Check out the latest news on Covid-19

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

1. 42,821 US
2. 11,507 NL
3. 11,408 IN
4. 10,219 CN
5. 8,520 AR
6. 7,723 PY
7. 6,376 DE
8. 5,848 IT
9. 5,830 FR
10. 4,920 CA
11. 4,825 BR
12. 3,637 NO
13. 2,831 GB
14. 2,293 TR
15. 2,133 ES
16. 1,849 HK
17. 1,696 HU
18. 1,560 BE
19. 1,479 MX
20. 1,400 PE
21. 1,354 ZA
22. 1,329 CO
23. 1,285 SG
24. 1,243 PL
25. 1,154 VN

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: 62,215
Hosts: 71,108
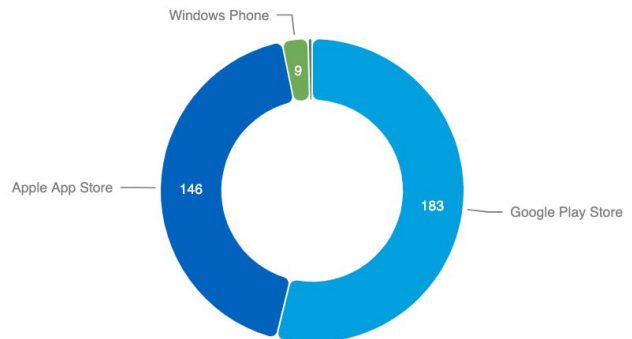Hosts and Domains with Potential Mail Servers: 271
Email-Capable Domains and Hosts: 22,874
Live Hosts and Domains Not Parked: 28,227

Mobile Apps
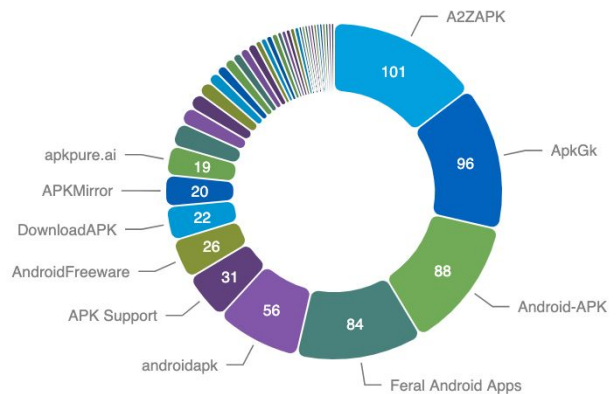
1. Apps in Official Stores: 339 (See Graph)
   a. Google Play Store: 183
   b. Apple App Store: 146
   c. Windows Phone: 9
   d. Amazon: 1

Apps on Official Stores

2. Apps in Secondary/Hybrid Stores: 656 (See Graph)

3. Blacklisted Mobile Apps by Store Type:
   a. Secondary: 26
   b. Hybrid: 1
   c. Official: 1

Apps on Secondary and Hybrid Stores by store

Facts and Figures at a Glance

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

Global

Total Cases: 1,999, 628
Total Fatalities: 128,011
Countries w/ Confirmed Cases: 185

U.S.

Total Cases: 609,685
Total Fatalities: 26,059
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: 203,377
2. New Jersey: 68,824
3. Massachusetts: 28,164

Counties

1. New York City (NY): 110,465
2. Nassau County (NY): 25,250
3. Suffolk County (NY): 23,019
4. Westchester County (NY): 20,191
5. Cook County (IL): 16,323
6. Wayne County (MI): 12,209
7. Bergen County (NJ): 10,426
8. Los Angeles County (CA): 10,075
9. Rockland County (NY): 8,335
10. Hudson County (NJ): 8,242

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

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

Governmental Guidance

State & Local Governments

California

As of 04/15/2020, California has 25,779 confirmed COVID-19 cases and 790 deaths. Governor Gavin Newsom announced Tuesday a roadmap for reopening society and businesses across the state. The roadmap lists six key indicators the state will focus on meeting in order to consider modifying the current stay-at-home order. Gov. Newsom noted even if the order is lifted society may be different at first. He offered examples that restaurants may restrict the number of guests, and face coverings may be common in public.

Illinois

As of 04/15/2020, Illinois has 23,248 confirmed cases of COVID-19 and 869 deaths. Governor J.B. Pritzker stated Tuesday that data suggests Illinois is bending the curve of those affected with COVID-19. The increased capacity at hospitals across the state has resulted in a decreased percentage of occupied ICU beds and occupied ventilators. Governor Pritzker also stated talks are in motion with neighboring Midwestern governors to work together on lifting the stay-at-home orders as a region.

New York

As of 04/15/2020, New York has 203,377 confirmed COVID-19 cases and 10,842 deaths. Governor Andrew Cuomo issued an executive order today that requires New York citizens to wear a face mask in most public areas. Mayor Bill de Blasio of New York City acknowledged the city has struggled to get an accurate count of COVID-19 related deaths as more people die at home. New York City officials stated Tuesday they will begin counting "probable" COVID-19 deaths of those who are believed to have died due to COVID-19 but had no known positive laboratory test.

Texas

As of 04/15/2020, Texas has 15,343 confirmed cases of COVID-19 cases and 362 deaths. The Texas Public Health Coalition stated their support in Governor Abbott's plan to gradually reopen

the Texas economy. The state is currently flattening the curve of COVID-19-affected individuals, but community transmission is still occuring. The state health department announced that as of Tuesday, 2,580 individuals recovered from COVID-19 in Texas. As people are recovering, lawmakers continue to push for more COVID-19 testing throughout the state.

Washington, DC

As of 04/15/2020, the Washington, D.C. region has a total of 16,638 confirmed COVID-19 cases with 6,182 in Virginia, 9,472 in Maryland, and 2,058 in the District. The District of Columbia has a total of 67 deaths, Virginia has 157 deaths, and Maryland has 302 deaths. On Tuesday, with more than 500 deaths the D.C. region experienced the highest single-day increase in COVID-19-related deaths since the beginning of the pandemic. D.C. Mayor Muriel Bowser said Tuesday that the District may see a peak in COVID-19 cases as early as May.

End Report