RiskIQ i3

COVID-19 Daily Update

17 March 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

New York Governor Andrew Cuomo announced that drive-through testing facilities will open in Nassau County, Suffolk County, Rockland County, and Staten Island. The facility in Nassau County opened today, 03/17/2020.

New York Governor Andrew Cuomo issued a statement to assuage concerns that New York City or other cities in the state may be placed on mandatory quarantine following statements from New York City Mayor Bill de Blasio suggesting that a lockdown similar to the one put in place for the San Francisco Bay Area was on the table. Cuomo insisted that a mayor cannot legally quarantine a city without the state's approval. Cuomo insisted that he has "no interest whatsoever, and no plan whatsoever, to quarantine any city."

New Jersey Governor Murphy reportedly deployed the National Guard and urged residents to stay home after 8pm to fight the spread of COVID-19. Murphy said the National Guard can play a range of roles including delivering food to children in need, helping coordinate drive-through testing sites and repurposing nursing homes and dormitories into hospitals.

Kentucky Governor Andy Beshear delayed the state's primary election from 05/19/2020 to 06/23/2020 following the recommendation of Secretary of State Michael Adams. Similarly, Ohio Governor Mike DeWine announced that polls in his state will be closed on Tuesday. Ohio is evaluating possible remedies through the courts to allow voters the opportunity to vote.

The Fed announced another $500 billion repo operation to begin on the afternoon of 03/17/2020. Repo operations involve banks posting high-quality collateral for reserves used to operate. This move comes on top of the $1.5 trillion in relief efforts already announced last week.

LabCorp, a clinical laboratory network, issued a media release stating it expected to be able to conduct 10,000 tests per day by the end of the week and up to 20,000 tests per day by the end of March. The media release stated the expected testing increase was contingent on the assumption "there are no delays or shortages of necessary materials and supplies."

The European Union's (EU) member nations agreed to close all external borders for thirty days; long-term residents, family members of EU nationals, diplomats, freight drivers, and first-line responders are exempt. Meanwhile, some EU leaders urged internal EU border control measures to be more flexible for the transport of goods.

The WHO issued a warning for Southeast Asian countries to take action to slow the spread of COVID-19. According to the WHO, eight of eleven Southeast Asian countries now have confirmed cases; Thailand currently has the most confirmed cases with 177.

The Vietnamese government declared it will stop issuing visas to all foreign visitors, and any visitors from the United States, Europe, or ASEAN nations will face a mandatory quarantine. The visa restriction is a temporary measure that will only last "15 to 30 days." The government did not state when these policy changes will take effect.

As the epicenter of the pandemic moves to Europe, China now has fewer active cases than the rest of the world for the first time since the outbreak began. Up until Monday, 03/16/2020, China maintained more active cases than the rest of the world combined; now, according to WHO data, China has 81,077 active cases compared to 86,438 active cases throughout the rest of the world.

Many African countries are imposing strict travel restrictions to help prevent the spread of the virus. For instance, Sudan sealed off all sea ports, airports, and land crossings, while Egypt announced all flights from its airports will be suspended beginning Thursday, 03/19/2020. Likewise, Djibouti suspended all international flights to the country despite having no recorded cases of COVID-19 yet.

Many countries in the Middle East and North Africa enacted further restrictions in the face of COVID-19. The Iranian government warned its citizens that "millions" may die if the public continues to not adhere to health guidance from officials. Jordan has deployed its military around major cities to block travel. It also stopped all private sector work and public transportation, banned gatherings of more than ten people, ordered newspapers to cease publishing, and established a quarantine zone at Dead Sea hotels. Egypt locked down the Red Sea province with a fourteen-day quarantine period. Israel called on its citizens to remain at home and closed down many public areas such as parks and museums. Additionally, Oman announced any travelers from abroad would face a quarantine upon arrival.

Digital Exploitation

The FBI issued a public alert regarding malicious websites and apps pretending to track #COVID19 cases worldwide. The alert stated "Criminals are using malicious websites and apps to infect and lock devices until payment is received." The alert comes one day after the U.S. The Health and Human Services Department suffered a cyber attack on its computer system. The incident was called a campaign of disruption and disinformation that was aimed at undermining the response to the coronavirus pandemic.

The internet's largest social networks issued a joint statement today promising to fight fraud and curb misinformation related to COVID-19 shared on their platforms. Signatories include Facebook, Google, LinkedIn, Microsoft, Reddit, Twitter, and YouTube. The joint statement doesn't go into detail on how the companies will handle COVID-19 fraud and misinformation; however, it comes to quench criticism about misleading coronavirus content that has recently surfaced on some of their platforms. This includes fraudulent ads about COVID-19 cures, news articles from unknown sources or with incorrect information, and videos peddling conspiracy theories about the disease's origin.

Cyber criminals continue to use this time of uncertainty to launch attacks. APT36 (AKA Transparent Tribe, ProjectM, Mythic Leopard, and TEMP.Lapis) is reported to be using the COVID-19 pandemic as cover for a malware campaign largely directed toward India. The Pakistani-backed APT reportedly spreads the Crimson RAT (Remote Access Trojan) through a phishing email campaign. The emails purport to be from the Indian government and try to trick users into opening a "Health Advisory" attachment that is loaded with a malicious macro.

Blacklist Data

RiskIQ's External Threats platform identified twenty-one URLs which appear to be malicious in nature. The platform discovered these URLs by cross-indexing automated searches of the keywords "COVID-19" and "Coronavirus" with malware and phishing detection tools.

hXXp://coronavirus-guidelines.online

hXXp://coronavirus0012.000webhostapp.com/

hXXp://coronavirus2020covid-19.000webhostapp.com/

hXXp://coronaviruscovid19-information.com/en/corona.apk

hXXp://coronaviruscovid19-information.com/it/corona.apk

hXXp://coronavirusnepal10.000webhostapp.com:443/

hXXp://coronavirusnepal16.000webhostapp.com/

hXXp://coronavirusnepal7.000webhostapp.com/

hXXp://coronavirustest.ru/

hXXp://drunkwhitekids.com/wordpress/wp-includes/theme-compat/coronavirus/

hXXp://nepalcoronavirus2.000webhostapp.com/

hXXp://raymondne.buzz:443/COVID-19PRECAUTIONS/toda/office.php

hXXp://toyswithpizzazz.com.au/service/coronavirus

hXXp://zep0de.com/COVID-19.zip

hXXps://advancedaesthetics.ch/fkja/coronavirusutm.sourceutm.mediumcampaigncoronaemailUniquea51c1d067cfe4e6696ca8147b
b3c5d90.26sourceImagePreview.html

hXXps://advancedaesthetics.ch/fkja/coronavirusutm.sourceutm.mediumcampaigncoronaemailuniquea51c1d067cfe4e6696ca8147bb
3c5d90.26sourceimagepreview.html

hXXps://artistsemerge.com/wp-content/uploads/2020/03/COVID-19-Edmonton-EXPO-Centre.pdf

hXXps://coronavirus-apps.com/Vodafone5G.apk

hXXps://coronavirus-guidelines.online

hXXps://coronaviruscovid19-information.com/en/corona.apk

hXXps://coronavirusnews.000webhostapp.com/

hXXps://covid-19-gov.com/

hXXps://doc-04-0o-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc7l7deffksulhg5h7mbp1/1hjk9rmokjhrpsgh12gh711foi0
tu5np/1584187950000/09946001811984126290/*/1GO7MRAhS5UTWGgRLOpfaZ3G8Z4Tk4lsE?e=download

hXXps://doc-04-0o-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc7l7deffksulhg5h7mbp1/56hhsqrb7gr8067pisugfho7mv
ja5mgh/1584342600000/09946001811984126290/*/1GO7MRAhS5UTWGgRLOpfaZ3G8Z4Tk4lsE?e=download

hXXps://doc-04-0o-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc7l7deffksulhg5h7mbp1/87q8inc0afa0ih7h5s1qhh3t3f
moj8rf/1584396825000/09946001811984126290/*/1GO7MRAhS5UTWGgRLOpfaZ3G8Z4Tk4lsE?e=download

hXXps://doc-04-0o-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc7l7deffksulhg5h7mbp1/pgnbaf2bpjd5c41vn75sa579er
ngbj53/1584188100000/09946001811984126290/*/1GO7MRAhS5UTWGgRLOpfaZ3G8Z4Tk4lsE?e=download

hXXps://doc-14-8c-docs.googleusercontent.com/docs/securesc/1vp243hhra78t2dlf8110dcmt24kubik/24ba8i3akpb4s7cp0vplero1k00
q5hl7/1584188175000/09946001811984126290/09038140346718502119Z/1GO7MRAhS5UTWGgRLOpfaZ3G8Z4Tk4lsE?e=downl
oad&nonce=h2q638a7q02qq&user=09038140346718502119Z&hash=ep2373bbif93j5mafcnjs0ednoun9h6o

hXXps://kampcbation.info/COVID-19/

hXXps://nepalcoronavirus2.000webhostapp.com/

hXXps://raymondne.buzz/COVID-19PRECAUTIONS/

hXXps://toyswithpizzazz.com.au/service/coronavirus/

COVID-19 Email Spam Statistics

RiskIQ analyzed its spam box feed for the time period of 03/13/2020-03/16/2020. During this four-day period, RiskIQ analyzed 437,887 spam emails containing either "*corona*" or "*covid*" in the subject line.   There were 54,847 unique subject lines observed during the reporting period.   The spam emails originated from 32,535 unique sending email addresses and 44,165 unique SMTP IP Addresses.   Analysts identified 536 emails which sent an executable file for Windows machines.

Top 25 Subjects

1.   44,795 - The Mask that can prevent Coronavirus now
2.   22,017 - Coronavirus is spreading, this specialized mask can control it
3.   13,313 - Météo | Coronavirus : comment faire son gel hydroalcoolique maison ?
4.   10,497 - Protection From Corona Virus With Immunity Oil
5.   5,997 - Com o Coronavírus rolando solto, depender do SUS pode custar a vida!
6.   5,894 - Com a Pandemia do Coronavírus, esperar 1 ano na fila do SUS pode custar a vida
7.   5,829 - Com a Pandemia do Coronavírus, esperar 1 ano na fila do SUS pode custar a vida
8.   5,788 - Com o Coronavírus rolando solto, depender do SUS pode custar a vida!
9.   5,120 - Com a Pandemia do Coronavírus, esperar 1 ano na fila do SUS pode custar a vida
10. 5,108 - Your Immune System Strong Enough To Destroy Viral Infections Like Coronavirus
11. 5,017 - Jaga Kesehatan Bersama: Upaya GoFood Cegah Penyebaran Coronavirus (COVID-19)
12. 4,986 - Com o Coronavírus rolando solto, depender do SUS pode custar a vida!
13. 3,696 - Información de utilidad, Coronavirus (COVID-19)
14. 3,219 - TIMES TOP10: The coronavirus special
15. 3,175 - PM explains simple steps to avoid spreading of Coronavirus; India calls upon SAARC nations to fight COVID-19 together…More in the newsletter!
16. 2,998 - This Can Save you Against CoronaVirus
17. 2,499 - COVID-19 - Fermeture de nos boutiques
18. 2,476 - A note from our founders on COVID-19
19. 2,407 - Covid-19 – Message d'Enrique Martinez
20. 2,138 - Morrisons Response to Coronavirus (COVID-19)
21. 2,072 - Coronavirus & your community's safety
22. 2,070 - COVID-19: Health and safety precautions
23. 2,005 - Impact coronavirus - Confort des bâtiments - Vérandas - Encadrement loyers
24. 1,986 - Your Immune System Strong Enough To Destroy Viral Infections Like Coronavirus
25. 1,887 - GET TOOLS TO PREVENT THE SPREAD OF #CORONAVIRUS NOW!

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

1. 312 - Latest corona-virus updates
2. 131 - Latest on corona-virus
3. 58 - RE: Due to outbreak ofCoronavirus
4. 10 - COVID-19 Supplier Notice
5. 8 - Necessary Precautions against corona (COVID-19)
6. 4 - NOVEL CORONA VIRUS (COVID-19) ALERT.
7. 4 - COVID-19 CIRCULAR ADJUNTA.

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

1. 164,387 US
2. 38,771 CZ
3. 23,731 RU
4. 19,071 FR
5. 16,141 CN
6. 11,935 IN
7. 11,428 BR
8. 10,812 DE
9. 9,365 VN
10. 8,425 CA
11. 6,413 ES
12. 6,179 GB
13. 6,162 MX
14. 5,409 IT
15. 5,328 NL
16. 5,110 SG
17. 4,155 KR
18. 3,857 UA
19. 3,690 AR
20. 3,674 BE
21. 3,434 ID
22. 3,001 CO
23. 2,653 TR
24. 2,218 RO
25. 2,202 BD

Consumer Landscape

Today, Amazon began prioritizing medical supplies, household staples and other high demand products in its warehouses until April 5, suspending all other shipments. The company said some brands in the "household staples" category were out of stock and warned that some of its "delivery promises are longer than usual." To manage the increased demand, the company plans to hire 100,000 more workers and give raises to current staff. UPS, for its part, stated today it will maintain its delivery services except where limited by government restrictions. The company is also providing in-kind transport of more than four million masks and other medical supplies to mainland China to address the outbreak.

More than fifty major US retailers are temporarily closing stores to prevent the spread of COVID-19. Some of the major brands include: Nordstrom, Macy's, Bloomingdales, Nike, Disney Store, Sephora, LL Bean, and Kiehls. In most cases, employees will be compensated for the lost shifts. Likewise, Regal Cinemas, AMC Theaters, and Cineplex announced they will be closing all theater locations, effective March 17 and until further notice. The announcement comes amid declining attendance over fears of the rapid spread of COVID-19.

Several grocery stores have adjusted their hours to allow time to restock and sanitize. Stop & Shop, a division of Ahold Delhaize USA, which operates over 400 stores throughout Massachusetts, Connecticut, Rhode Island, New York and New Jersey, announced that most stores have adjusted their hours to 7:30 a.m. to 8 p.m. Moreover, Stop & Shop dedicated the hours of 6:00 a.m. to 7:30 a.m. for shoppers over 60 years old in order to help protect these customers who are at higher risk for contracting COVID-19. Meanwhile, Texas based H-E-B made an initial $3 million commitment to support local organizations helping people in need.

The Volkswagen Group announced it is suspending production at factories across Europe as the COVID-19 pandemic hits sales and disrupts supply chains. Similarly, Airbus paused production at two sites to bolster health and safety measures. Boeing and other U.S. aviation companies are seeking billions of dollars in aid as they battle to survive a plunge in demand caused by the coronavirus pandemic. U.S. airline shares rallied, though, after Treasury Secretary Steven Mnuchin said today that aid is coming "very quickly" and President Trump tweeted that the "US will be powerfully supporting those industries, like airlines and others, that are particularly affected by the Chinese Virus."

Uber and Lyft suspended all pooled rides. The pool option allows four people to share a ride when they are headed in the same direction.

Marriott International Inc., the world's largest hotel company with nearly 1.4 million rooms world-wide started furloughs for what it expects will be tens of thousands of employees as it ramps up hotel closings across the globe. Marriott Chief Executive Officer Arne Sorenson and MGM Resorts International CEO James Murren will be among the hospitality industry executives seeking government support as the virus halts travel.

Florida, Minnesota, North Carolina, Oregon, and Vermont joined the growing list of states requiring restaurants and bars to be closed except for carry-out and delivery options. Florida's Governor ordered the closure of all bars and nightclubs for 30 days starting today at 5:00 P.M. The New Jersey governor ordered all indoor malls and amusement centers closed but allowed restaurants in the malls that have separate entrances to remain open for takeout and delivery.
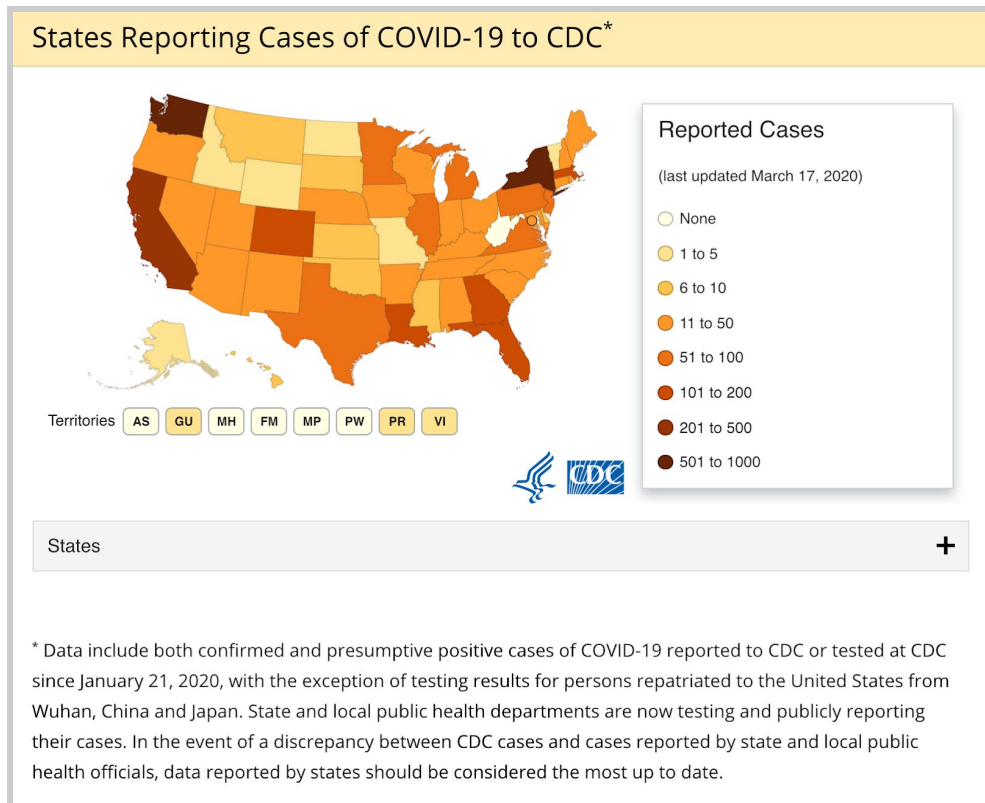
Facts and Figures at a Glance

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

Global

Total Cases: 185,067
Total Fatalities: 7,330
Countries w/ Confirmed Cases: 155

U.S.

Total Cases: 5,702
Total Fatalities: 94 (48 of which in Washington State)
Jurisdictions Reporting Cases: 53 (49 states, District of Columbia, Puerto Rico, Guam, and US Virgin Islands)

States Reporting Cases of COVID-19 to CDC[*]

Reported Cases

(last updated March 17, 2020)

- None
- 1 to 5
- 6 to 10
- 11 to 50
- 51 to 100
- 101 to 200
- 201 to 500
- 501 to 1000

Territories: AS GU MH FM MP PW PR VI

States   +

[*] Data include both confirmed and presumptive positive cases of COVID-19 reported to CDC or tested at CDC since January 21, 2020, with the exception of testing results for persons repatriated to the United States from Wuhan, China and Japan. State and local public health departments are now testing and publicly reporting their cases. In the event of a discrepancy between CDC cases and cases reported by state and local public health officials, data reported by states should be considered the most up to date.

Source: www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html

Virus Distribution Data

Newly-Impacted Regions

United States
- *No new states to report.*

Case Totals Near Major Cities

Bay Area, CA, US
- San Francisco County
  - Confirmed: 40
  - Deaths: 0
- San Mateo County
  - Confirmed: 42
  - Deaths: 1
- Santa Clara County
  - Confirmed: 114
  - Deaths: 4
- Contra Costa
  - Confirmed: 29
  - Deaths: 0
- Alameda County
  - Confirmed: 15
  - Deaths: 0
- Sonoma County
  - Confirmed: 6
  - Deaths: 0
- Solano County
  - Confirmed: 9
  - Deaths: 0
- Marin County
  - Confirmed: 11
  - Deaths: 0

Boston Metro Area, MA, US
- Suffolk County
  - Confirmed: 36
  - Deaths: 0
- Middlesex
  - Confirmed: 83
  - Deaths: 0
- Norfolk
  - Confirmed: 36
  - Deaths: 0
- Berkshire
  - Confirmed: 11
  - Deaths: 0
- Worcester
  - Confirmed: 6
  - Deaths: 0
- Essex
  - Confirmed: 8
  - Deaths: 0

Chicago Metro Area, IL, US
- Cook County/Chicago
  - Confirmed: 70
  - Deaths: 0
- Kane County
  - Confirmed: 3
  - Deaths: 0
- McHenry County
  - Confirmed: 2
  - Deaths: 0
- Lake County
  - Confirmed: 5
  - Deaths: 0
- Dupage County
  - Confirmed: 3
  - Deaths: 0

Greater Los Angeles, CA, US
- Los Angeles County
    - Confirmed: 94
    - Deaths: 1
- Orange County
    - Confirmed: 22
    - Deaths: 0
- Riverside County
    - Confirmed: 15
    - Deaths: 2
- Ventura County:
    - Confirmed: 4
    - Deaths: 0

NYC Metro Area, NY, US
- New York City
    - Confirmed: 463
    - Deaths: 2
- Hudson County, NJ
    - Confirmed: 19
    - Deaths: 0
- Nassau County
    - Confirmed: 109
    - Deaths: 0
- Westchester County
    - Confirmed: 220
    - Deaths: 0
- Rockland County
    - Confirmed: 16
    - Deaths: 1
- Suffolk County
    - Confirmed: 63
    - Deaths: 2
- Bergen County, NJ
    - Confirmed: 61
    - Deaths: 0

Washington D.C. Metro Area, US
- Washington D.C.
    - Confirmed: 23
    - Deaths: 0
- Loudoun County, VA
    - Confirmed: 5
    - Deaths: 0
- Fairfax County, VA
    - Confirmed: 10
    - Deaths: 0
- Charles County, MD
    - Confirmed: 1
    - Deaths: 0
- Arlington County, VA
    - Confirmed: 9
    - Deaths: 0
- Maryland, US
    - Confirmed: 41
    - Deaths: 0
- Virginia, US
    - Confirmed: 52
    - Deaths: 2

London, UK
- Confirmed:
    - UK: 1,543
        - London: 480
- Deaths:
    - UK: 55
        - London: *Data Unavailable*

States of Emergency

Newly-Declared States of Emergency

WV   03/16/2020

Active States of Emergency

WA	02/29/2020	CO	03/10/2020	MO	03/13/2020
FL	03/01/2020	CT	03/10/2020	AL	03/13/2020
CA	03/04/2020	MA	03/10/2020	NH	03/13/2020
HI	03/04/2020	MI	03/10/2020	SC	03/13/2020
MD	03/05/2020	NM	03/11/2020	ID	03/13/2020
IN	03/06/2020	AZ	03/11/2020	NE	03/13/2020
KY	03/06/2020	AK	03/11/2020	MN	03/13/2020
UT	03/06/2020	LA	03/11/2020	GA	03/13/2020
PA	03/06/2020	AR	03/11/2020	TX	03/13/2020
NY	03/07/2020	D.C.	03/11/2020	MS	03/14/2020
OR	03/08/2020	TN	03/12/2020	VT	03/14/2020
IA	03/09/2020	VA	03/12/2020	SD	03/13/2020
IL	03/09/2020	KS	03/12/2020	ND	03/13/2020
NJ	03/09/2020	DE	03/12/2020	WY	03/13/2020
OH	03/09/2020	MT	03/12/2020	OK	03/15/2020
RI	03/09/2020	NV	03/12/2020	ME	03/15/202
NC	03/10/2020	WI	03/12/2020		

Governmental Guidance

CDC

- The CDC has issued risk assessments for impacted areas, where Tier 1 is the lowest risk and Tier 4 is the highest risk:

    - Tier 4 (Widespread sustained transmission and restrictions on entry to the United States):
        - China
        - Iran
        - Most European Countries
        - United Kingdom and Ireland

    - Tier 3 (Widespread sustained transmission):
        - South Korea

    - Tier 2 (Sustained community transmission):
        - Global

    - Tier 1 (Risk of limited community transmission):

WHO

World Health Organization has published information on preparing your workplace for COVID-19:

This document gives advice on:
1. Simple ways to prevent the spread of COVID-19 in your workplace
2. How to manage COVID-19 risks when organizing meetings & events
3. Things to consider when you and your employees travel
4. Getting your workplace ready in case COVID-19 arrives in your community

For further information see:
www.who.int/docs/default-source/coronaviruse/getting-workplace-ready-for-covid-19.pdf?sfvrsn=359a81e7_6

Department of State

- The State Department issued travel advisories according to the following levels:
    - Level 4 - Do not travel:
        - China
        - Iran
        - Daegu, South Korea
    - Level 3 - Reconsider travel:
        - South Korea
        - Global
        - Israel and the West Bank
    - Level 2 - Exercise increased caution
    - Level 1 - Exercise normal precautions

Prior to any travel outside the United States, the State Department recommends checking its website for COVID-19-specific travel advisories here.

State & Local Governments

California

As of Tuesday, California has 450 confirmed COVID-19 cases, 58 more than reported on Monday. San Francisco Mayor London Breed placed the city on lockdown for three weeks beginning Tuesday at midnight until at least 04/07/2020. The order legally prohibits residents from leaving their homes except to meet basic needs including trips to grocery stores, pharmacies, banks, and any other business that performs an "essential" role for society.

Illinois

The state of Illinois confirmed 12 new cases of COVID-19 as of 03/16/2020. The Mayor of Chicago, Lori Lightfoot, cancelled Wednesday's City Council meeting following state orders to limit crowd sizes to fewer than 50 people. The City Council in Chicago maintains 50 members creating difficulty in congregating.

Massachusetts

Today, 03/17/2020, Massachusetts has a total of 197 confirmed cases of COVID-19 but no deaths to report. A drive-thru COVID-19 testing site opened today at Cape Cod Community College. Only those who have been screened by a Cape Cod Healthcare provider, have a test order from a doctor, and an appointment will be permitted to use the drive-thru.

New York

Today, 03/17/2020, New York has a total of 967 confirmed cases of COVID-19 and 10 deaths. Governor Andrew Cuomo announced an executive order delaying village elections in the State of New York until the primary election on 04/28/2020. This executive order is intended to ensure the safety of poll workers and voters amid the COVID-19 pandemic.

Washington D.C.

As of 03/17/2020, the Washington D.C. region has a total of 133 confirmed COVID-19 cases—52 in Virginia, 58 in Maryland, and 23 in the District. D.C. officials ordered all bars and restaurants to stop dine-in service at 10 p.m. Monday to help reduce the spread of the coronavirus. Only carry out and delivery service is allowed under the order through the end of the month. Governor Larry Hogan rescheduled Maryland's 04/28/2020 primary for 06/02/2020.

West Virginia

West Virginia Governor Jim Justice announced yesterday, 03/16/2020, a state of emergency for all 55 counties in the state in a proactive measure amid the COVID-19 pandemic. The state remains the only state with no confirmed cases of the novel coronavirus. Eighty-four people have been tested in the state, with 80 negative and four pending results.

Publicly-Available Company Policies

Note: New additions are highlighted in blue.

Office Closures

- **Carta** - All offices closed until 03/31.
- **Confluent -** All offices closed, globally.
- **Fastly** - Closing all offices, including San Francisco.
- **Gap** - Corporate office in New York closed due to COVID-19 positive test in that office.
- **GoCardless** - All offices closed until further notice.
- **Grammarly** - San Francisco, New York, and Vancouver employees mandated to work from home; Kyiv employees encouraged to work from home.
- **Nike** - European HQ.
- **Masterclass** - Los Angeles & San Francisco offices working from home.
- **Moz** - Closing Seattle and Vancouver offices until 03/19.
- **OKCoin** - Mandated to work from home in San Francisco and Malta locations effectively.
- **OTICON** - Closed down Danish headquarters and asked employees to work remotely.
- **PhRMA** - Closed DC headquarters.
- **United Airlines** - Offering employees up to 6 months unpaid leave.

Remote Work/Interviews

- **23andMe -** Encouraging work from home; empowering employees to work from home based on their own situation (response to school closures, sick household members, etc.).
- **Adobe** - Asking Seattle and Bay Area employees to work from home through 03/23.
- **ADP** - Enabling work from home capabilities.
- **Airbnb** - San Francisco employees encouraged to work from home and no approval needed. Seattle office closed.
- **Amazon** - All onsite candidate interviews moving to video.
- **Autodesk** - Encouraging work from home.
- **Boeing** - Encouraging Seattle-area employees to work from home.
- **Bullhorn** - "Suspended" handshakes, a switch to Zoom meetings whenever possible, and implemented an external visitor process that sees their policy communicated to visitors 24 hours before a meeting, encouraging cancellation or online meetings where symptoms may be experienced. No office closures at this time.
- **Box** - Work from home for all locations.
- **ButcherBox** - Mandatory work from home starting 03/16.
- **Catalyst** - Work from home (New York) on a week-by-week basis.

- **Cloudera** - Suspended all non-essential travel and mandated work from home for all employees, globally. Onboarding to be done virtually. Restricted all travel to China, Bangalore, Iran, Hong Kong, Japan, Italy, and South Korea. Restricting visitor access in all our offices to business critical meetings only. Suspending meal services in all offices globally. Interviews with candidates via videoconferencing.
- **Coinbase** - Optional work from home starting 03/09, also providing $250 stipend per employee for video conferencing equipment.
- **Confluent -** Requiring work from home globally; all interviews transitioning to remote.
- **Dialpad** - All employees are required to work from home.
- **DNAnexus** - All employees strongly encouraged to work from home from both San Francisco and Mountain View offices.
- **Docusign** - Requiring remote work.
- **Dolby** - Option to work remote.
- **Drift -** Work from home required across all offices (Boston, San Francisco, Tampa and Seattle). Reassessing every Friday.
- **eCarta** - Work from home, Seattle and San Francisco offices shut down.
- **Elastic** - Mandatory work from home.
- **Eli Lilly and Co** - Encouraging all U.S. employees to work from home if possible.
- **Ellucian -** Candidate interview travel has been suspended for 45 days; opting to utilize video interviewing instead. All candidates have a choice to either come into office or opt for a video interview.
- **Expedia** - Encouraging Seattle employees to work from home.
- **Facebook** - Moving to all video interviews to restrict visits to physical offices, asked all Bay Area employees to work from home through March.
- **Federal Reserve Bank of Chicago** - Non-critical employees asked to work remotely for 2 weeks (starting 03/12) then reevaluate.
- **Glassdoor** - All employees asked to work from home until further notice (same parent company as Indeed).
- **Grammarly** - San Francisco, New York, and Vancouver employees mandated to work from home; Kyiv employees encouraged to work from home; conducting all candidate interviews by video.
- **Genie** - Work from home, Redmond Office.
- **Google** - Asking all North American employees to work from home until 04/10.
- **Handshake** - Encouraging all employees to work from home 03/09 to 03/20 (reviewed weekly to determine if they extend).
- **HelloBetter.de** - Instituted work from home for all global employees.
- **Hometree.co.uk** - Running work from home mandatory policy until further government advice for all employees.
- **Houzz** - Work from home in Bay Area, but offices will still be open for those who want to work in office. Will be monitored on a week-to-week basis.
- **Indeed** - All employees requested to work from home (same parent company as Glassdoor) -- possibly for the whole year.

- **Intel** - Recommending employees work from home.
- **Internxt -** All employees are encouraged to work from home.
- **JP Morgan** - Managers requested that about 10% of staff across its consumer bank work remotely as part of the plan's resiliency testing.
- **LA Times** - Restricting employee travel and encouraging work from home.
- **LinkedIn** - Bay Area employees asked to work from home through March.
- **Lyft** - San Francisco and Seattle employees encouraged to work from home.
- **OKCoin** - Allowing employees to work from home. Preparing for mandatory work from home should situations change near office locations.
- **Okta** - Directed Bellevue, San Francisco, San Jose, London, Paris, Amsterdam employees to work from home.
- **PolicyGenius** - Optional work from home.
- **Pure Storage** - Work from home, Seattle / Bellevue, Mountain View.
- **Mattermost** - Majority of staff is remote, recommend work from home for San Francisco.
- **Microsoft** - Allowing San Francisco/Seattle employees to work from home through March 9th.
    - Official Microsoft guidance.
    - LinkedIn tells Bay Area employees to work from home through March, if possible, and is also asking employees to postpone all non-essential business travel and will not participate in external events in March and April.
- **Mozilla** - Strongly recommending work from home for all employees until 03/27. Non-essential travel cancelled until further notice.
- **Nextdoor** - All global employees strongly encouraged to work from home; all interviews are to be conducted remotely.
- **Nordstrom** - Encouraging employees to work from home if they can.
- **PolicyGenius** - Optional work from home.
- **Reflektive** - All domestic and international travel on hold, no visitors in offices, supporting work from home, all interviews done remotely. Reassessing every weekend.
- **REI** - Seattle, work from home.
- **Salesforce** - Encouraging Seattle Salesforce/Tableau employees to work from home through March. Strongly encouraging all employees across California and New York to work remotely for the month of March.
- **Securities and Exchange Commission (SEC)** - Asked DC employees to telework.
- **Sisense** - Highly encouraged work from home for all locations.
- **Spotify** - New York employees asked to work remotely through March.
- **Square** - Suspended visitors and certain teams being encouraged to work from home in Seattle, San Francisco, Dublin, Ireland, and London.
- **StayingHomeClub** - A running list of tech companies work from home/travel/conference plans.
- **Stride** - Work from home is strongly encouraged in San Francisco (only office location), but the office will still be open for those who want to work in office. Will be monitored on a daily/weekly basis.

- **Stripe** - Encouraging/requiring work from home, suspending visitors, video interviews.
- **SurveyMonkey** - Allowing employees flexibility to work from home through 03/20.
- **Textio** - Encouraging remote work and suspending travel.
- **Thrive Digital** - Team members recommended to work from home until 03/31; however, the office remains open (for now). In-person interviews have been rescheduled to video calls. Non-team member office visitors are restricted.
- **TMobile** - Work from home, Seattle/Bellevue.
- **Twitter** - Encouraging all employees who are able to work from home, video interviews.
- **VSCO** - Offering optional work from home, no social visitors, video interviews.
- **WalkMe** - All employees have been notified that they can work from home if they feel more secure. Currently, the offices are open. A full day of remote work is implied in the Tel Aviv office to test the systems on Sunday (work day).
- **Washington Post** - Asking employees to work from home.
- **WSurveyMonkey** - Allowing employees flexibility to work from home through 03/20.

Travel Restrictions

- **23andMe** - Banned travel to affected areas as listed by CDC and instructed employees to only attend critical conferences.
- **ADP** - All non-essential business travel is limited.
- **Amazon** - All non-essential travel (including all onsite candidate interviews, now going to video).
- **Aptiv** - All travel (currently through end of March).
- **Atlassian** - Restricting to only high-business impact travel.
- **Audley Travel** - All inter-office travel; only essential familiarization trips to non-categorised areas.
- **Automattic** - Pausing all business travel and discouraging personal travel.
- **Bottomline Technologies** - All non-essential travel (including all onsite candidate interviews now going to video).
- **Bullhorn** - Maintaining a list of regions where travel is banned and restrictions on all cross-border travel without authorization.
- **Cargill** - Suspending all non-essential business travel.
- **Cloudera** - Suspended all non-essential travel and mandated work from home for all employees, globally.
- **Comparably -** Suspended all non-essential travel and mandated work from home for all employees.
- **Confluent** - Suspending all non-essential travel. Implementing "no questions asked" opt-out for essential travel.
- **CVSHealth/Aetna** - Suspending travel until May.
- **DNAnexus** - Restricted all travel unless reviewed and approved by C-Level.
- **Dolby** - All company travel restricted.
- **Drift** - All company travel restricted.

- **Ellucian -** Suspending all internal employee travel for 45 days; employees are able to opt-out of any and all customer travel.
- **Ford** - Restricting all global travel until 03/27.
- **GitHub** - All non-essential travel.
- **Gitlab** - Restricted all non-essential, cross-border travel.
- **GoCardless** - All business travel until the end of April.
- **Google** - All international travel.
- **Grammarly** - Pausing all business travel and discouraging personal travel.
- **Handshake** - Travel only for key business priorities.
- **Harvard University** - Restricting travel through 04/20.
- **Havas** - Per an internal memo issued by CEO Yannick Bolloré, business travel to areas including South East Asia, Milan and Venice is suspended. Employees coming back from a business trip in those areas have to work from home for 14 days.
- **HelloBetter.de** - Banned international travel.
- **IBM** - Suspending travel for internal meetings, external events with 1,000+ attendees, non-critical international travel.
- **inFeedo** - Pausing all non-essential travel.
- **Intel** - All Travel and Conferences attendance or meetings with people you can't track where they came from.
- **JP Morgan Chase** - Restricting non-essential global and domestic travel.
- **LA Times** - Restricting employee travel and encouraging work from home.
- **L'Oreal** - Suspending business travel through March.
- **Mattermost** - Strongly discouraging international business travel and non-essential local travel.
- **Nestle** - Restricting international business travel until mid-March.
- **Nike** - Partial restrictions.
- **OKCoin** - Suspended all business travel until further notice; discouraging personal travel.
- **Okta** - Restricting non-essential travel.
- **Paycor -** All non-essential travel (including candidate travel).
- **Shoppable** - All non-essential travel.
- **Salesforce** - All non-essential travel.
- **Sisense** - Suspended all non-essential travel, supporting employee requests for travel avoidance.
- **Slack** - Strongly encouraging all employees to work from home through the end of March. Tokyo & Osaka offices closed.
- **Square** - Pausing all business travel and discouraging personal travel.
- **Stanford University** - Moves all classes online for the remainder of winter quarter.
- **Stride** - Pausing all business travel; self-quarantine (14 days) after personal international/domestic travel case-by-case depending on where they are coming from.
- **Stripe** - Paused global business travel.
- **Tenable** - Onboarding of new members is now online only.

- **Textio** - Encouraging remote work and suspending travel.
- **Thrive Digital** - All business and conference travel is temporarily restricted. Team member travel is not restricted, but those returning from breakout zones will be required to work from home for a period of 14 days.
- **Twitter** - All non-essential travel (including candidate travel).
- **Unilever** - Restricted to "business-critical" travel.
- **Vertiv -** International and domestic trips restricted.
- **VSCO** - Paused international travel and non-essential domestic travel.
- **WalkMe** - All non-essential business travel is limited, including candidates and international travel.
- **World Bank/IMF** - Moving spring meetings to virtual.

School Closures Near Major Cities
Note: EoS stands for End of Semester

Bay Area School Districts and Colleges
Note: Due to large number of school closures see here for additional closings.

03/12- 04/03   All 113 San Francisco Public Schools (SFUSD)
03/11-30:   Academy of Art University
03/11-12:   Archdiocese of San Francisco Schools
03/16-04/12:   Cal State East Bay, Hayward
03/11-12:   City College of San Francisco
03/07-16:   Elk Grove Unified School District, Sacramento County
03/08-10:   ICA Cristo Rey, San Francisco
03/09-12:   Juniper Serra, San Mateo
03/11-14   Laney College
03/05-10:   Lowell High School
03/12-04/05:   Mission College, Santa Clara
03/09-12:   Notre Dame, Belmont
03/16-TBD: Oakland Holy Names University
03/11-14:   Peralta Community College District
03/10-27:   San Jose State University
03/10-16:   San Francisco State University
03/10-04/13:   Santa Clara University
03/08-10:   School of the Epiphany, San Francisco
03/09-29:   University of California Berkeley

Boston Metro Area School Districts and Colleges
Note: Due to large number of school closures see here for additional closings.

03/16-04/07:   All public and private primary and secondary schools closed
03/12-13:   Amherst College
03/13:   Babson College (classes fully online)
03/12:   Berklee College of Music (classes fully online)
03/12-EoS: Boston College (classes suspended)
03/11-13:   Boston University (classes fully online)
03/12-16:   Bunker Hill Community College
03/12-20:   Brandeis (Waltham)
03/16-20:   Bridgewater State University
03/17-27:   Bryant University
03/11-22:   Curry College
03/13-20:   Emerson, Boston

03/11-17:   Emmanuel College
03/28-TBD: Harvard University
03/14:   Holy Cross
03/12-13:   Lincoln School (Brookline)
03/16-22:   Massachusetts College of Art and Design
03/12-22:   Merrimack College
03/12-TBD: MGH Institute of Health Professions
03/16-20:   MIT University, Cambridge
03/12-EoS: Northeastern University, Boston (classes fully online)
03/14-20:   Smith Colleges
03/14-20:   Stonehill (Easton)
03/18-EoS: Suffolk, Boston
03/16-25:   Tufts, Somerville
03/11-TBD: University of Massachusetts
03/16-27:   Westfield State
03/13-29:   Worcester State

Chicago Metro Area School Districts and Colleges

Note: Due to large number of school closures see here for additional closings.

03/17-27:   Illinois Governor J.B. Pritzker ordered all K-12 schools closed
03/16-TBD: DePaul University
03/13-TBD: Illinois State University
03/16-TBD: Loyola University
03/16-30:   Northeastern Illinois University
03/13-TBD: Northwestern University
03/13-TBD: University of Illinois
03/30-06/13:   University of Chicago

D.C. Metro Area School Districts and Colleges

Note: Due to large number of school closures see here for additional closings.

03/16-27:   Virginia Governor Ralph Northam ordered all K-12 schools closed
03/16-27:   Maryland Governor Larry Hogan ordered all K-12 schools closed
03/16-31:   District of Columbia Public Schools (Distance Learning)
03/10-04/03:   American University
03/16-TBD: George Washington University
03/12:   Golden Pond School
03/16:   The New School of Northern Virginia
03/11-13:   New York University, Washington D.C.
03/16-17:   Northern Virginia Community College

Greater Los Angeles School Districts and Colleges

Note: Due to large number of school closures see here for additional closings.

03/16-04/06   **Bonita Schools (BUSD)**
03/16-03/30   **Conejo Valley Schools (CVUSD)**
03/26-26:   California State University, Fullerton
03/12-18:   California State University, Long Beach
03/30-04/03:   Cal State University, Channel Islands
03/11-04/06:   Caltech
03/16-04/17:   Long Beach (LBUSD)
03/12-18:   Los Angeles Community College District
03/16-30:   **Los Angeles Public Schools (LAUSD)**
03/16-31:   Loyola Marymount University
03/14-04/03:   Mount Saint Mary's University
03/11-13:   New York University, Los Angeles
03/13-TBD: Pepperdine University
03/16-TBD   **San Diego Schools (SDUSD)**
03/16-30:   **Simi Valley Schools (SVUSD)**
03/11-TBD: UCLA
03/11-TBD: UC Irvine
03/11-04/03:   UC Riverside
03/16-04/10   **Ventura Schools (VUSD)**

NYC Metro Area School Districts and Colleges.

Note: Due to large number of school closures see here for additional closings.
Note: All public schools are closed in NYC.

03/09-13:   Barnard College, NYC
03/12-13:   Bedford Schools, Westchester
03/11-17:   Bergen Center for Child Development
03/09-13:   The Brearley School, NYC
03/13-TBD: Brooklyn College Academy
03/16:   Cranford School District, NJ
03/11-21:   East Ramapo School District
03/09-29:   Fordham University, NYC
03/12-13:   Greenport Union Free School District, Long Island
03/14-04/04:   Harlem School of the Arts
03/10-13:   Hofstra University, Long Island
03/10-31:   Horace Mann School, NYC
03/09-23:   Iona College, New York

03/16-29:	Juilliard School, NYC
03/11-EoS:	Keio Academy of New York (classes fully online)
03/12-13:	Nassau County Community College, Long Island
03/11-22:	New York University, NYC
03/12-03/20:	Plainview School District, Long Island
03/12-TBD:	Princeton University, NYC
03/13-TBD:	Richard H. Hungerford School at New Dorp High School
03/11-27:	Rowan University, NJ
03/12-04/03:	Rutgers University, NJ
03/11-29:	Sacred Heart University
03/12-22:	Sag Harbor School District, Long Island
03/09-18:	Scarsdale School District
03/11-20:	Skidmore College, NY
03/12-27:	St. John's University, Queens
03/12-30:	Syracuse University, NY
03/12-25:	Tuckahoe Union Free School District, NY
03/12-16:	Trenton New Jersey School District
03/09-17:	Westchester Day School
03/12-03/13:	West Islip, Long Island
03/09-16:	Yeshiva University, NYC

London, UK School Districts and Colleges
Note: To check for local school closures in the UK see here.

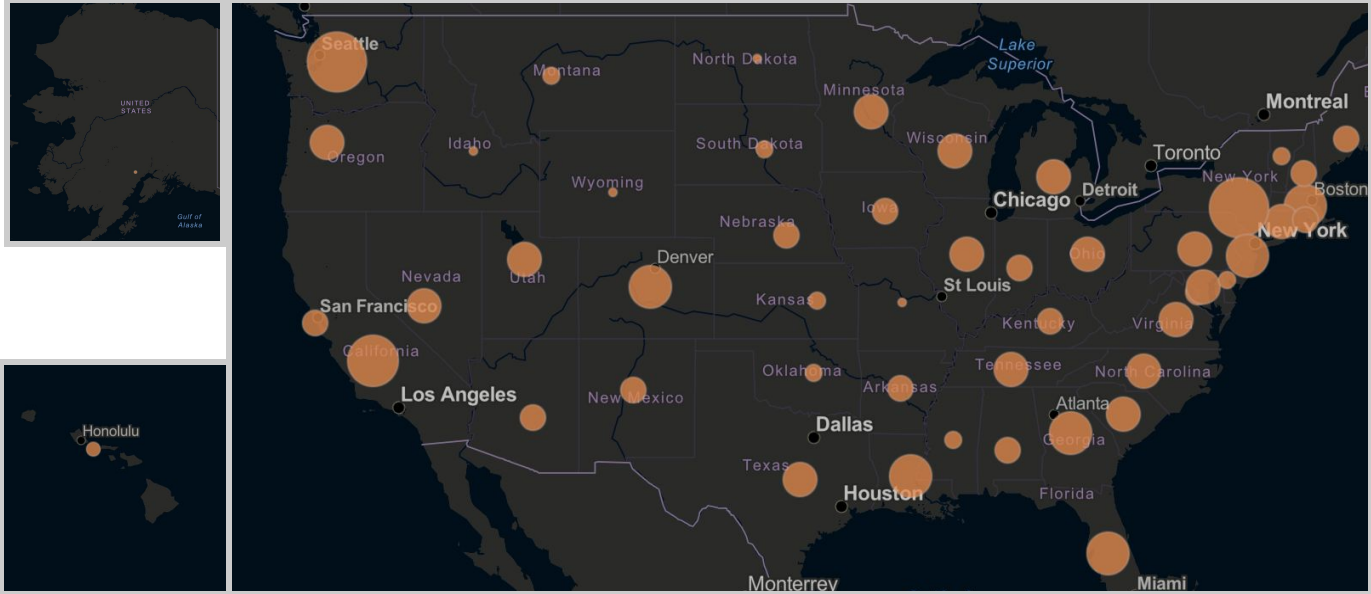No closings to report.

Map of Active School Closures - U.S.
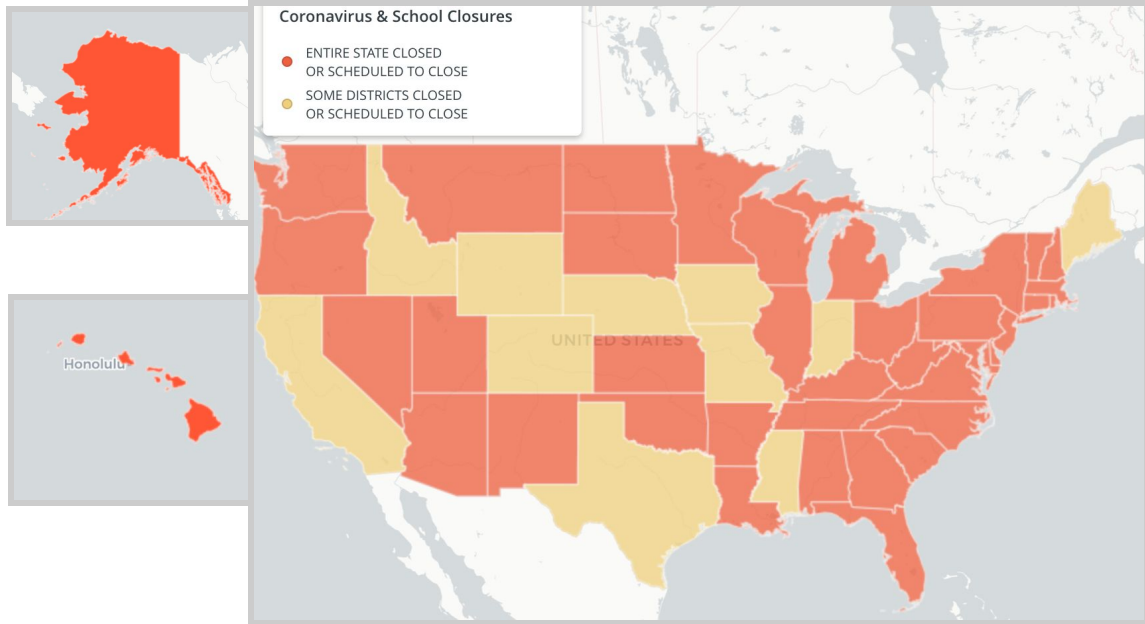
Source:www.edweek.org/ew/section/multimedia/map-coronavirus-and-school-closures.html

Map of Active Reported Cases - U.S.

Source: https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6

Map of Active Reported Cases - Global

Source: https://www.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6

End Report