

PCS Information Bulletin #15: COVID-19 Review

Friday, May 8, 2020

As always, please remember that **this report is for informational purposes only** and does not constitute the designation of a PCS event. We have decided to provide this report simply to help the market understand the COVID-19 situation and to provide access to some of the resources our team uses daily for intelligence on this event.

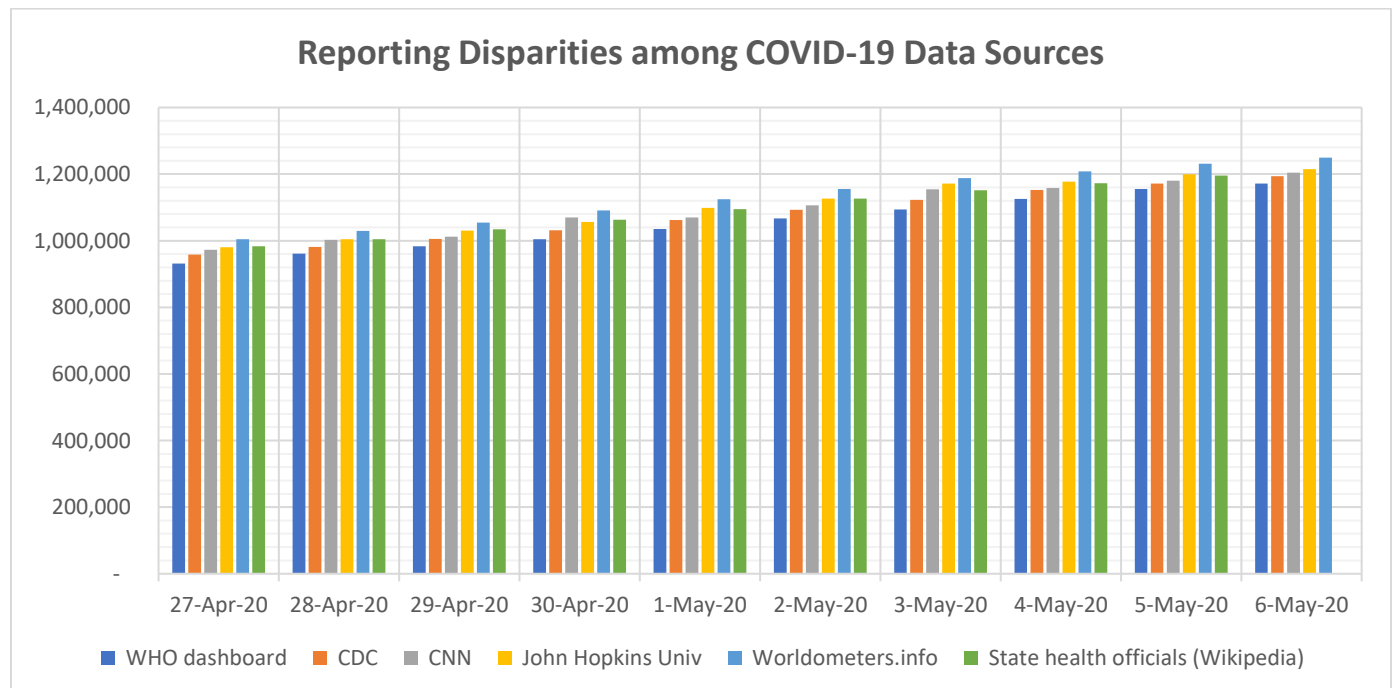
We understand that this is a time of significant uncertainty. If you have any questions about our thoughts above – or about the PCS catastrophe designation process – please contact Tom Johansmeyer using the information found at the end of this information-only bulletin.

Reporting Disparities among COVID-19 Data Sources

The WHO presented some discrepancies the week of March 27th to May 1st. The reported number of cases for European countries (France, Spain, Germany, Switzerland) was updated with a 24-hour delay during the middle of the week. Also, a downward revision by several thousand cases in the number of reported cases for France and Spain suggested an overreporting from sources from within each country.

Note: PCS has been keeping track of the daily cases recording them at 4pm EST time through the various sources and provides a consolidated analysis at regular times.

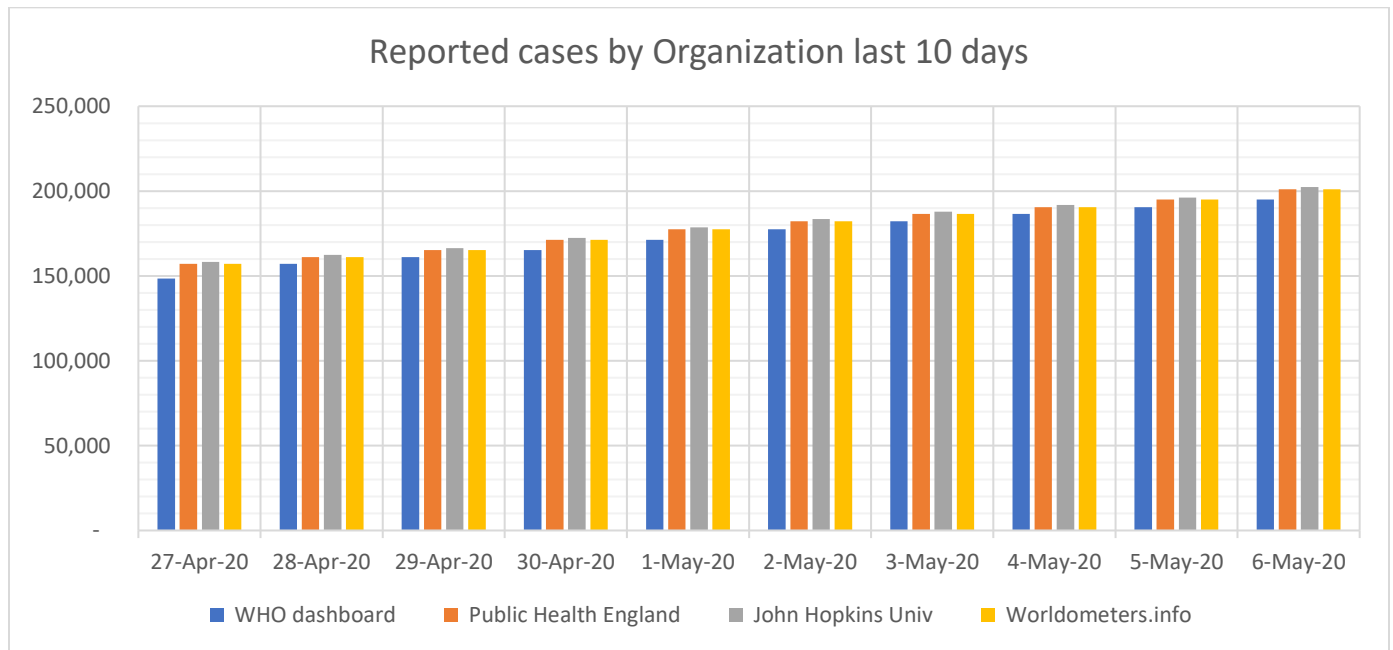
U.S. Reported Cases



1. The most up-to-date case counts will come from states, according to CDC officials.
2. CNN's tally relies on state totals and won't always match the CDC's count as they take them from the JHU at various times of the day
3. John's Hopkins dashboard thus far has been found to update several times a day
<https://coronavirus.jhu.edu/map.html>
4. Worldometers.info – web scraping tool -
<https://www.worldometers.info/coronavirus/country/us/>

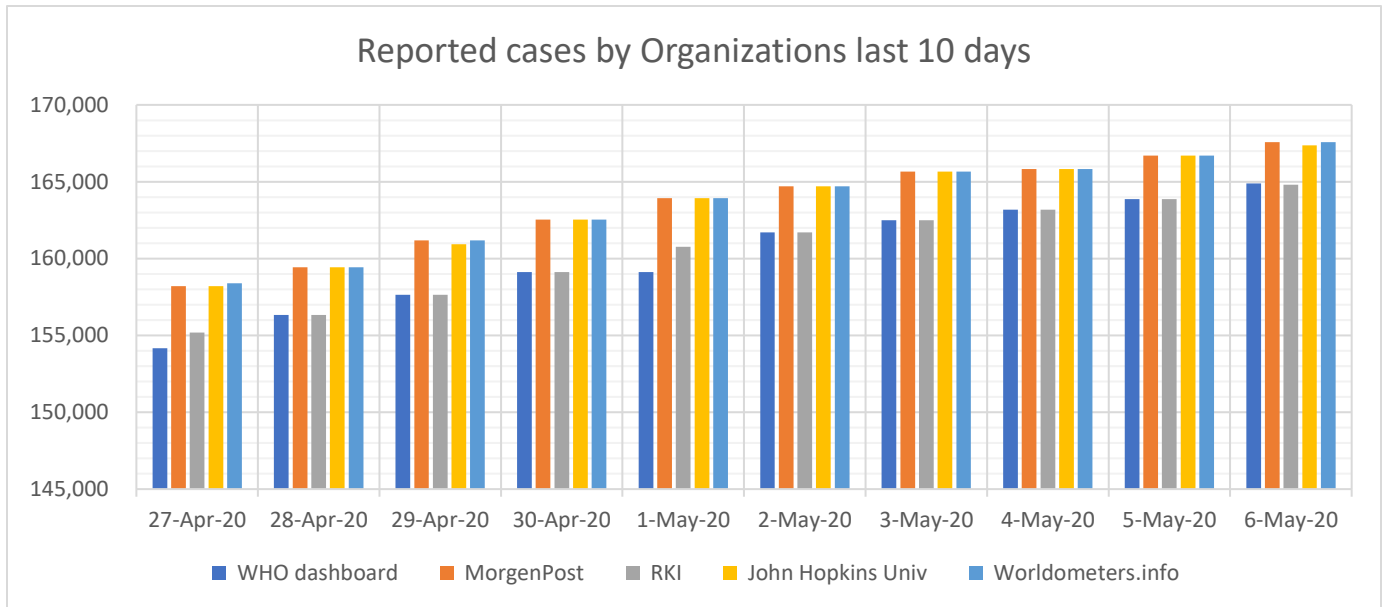
In the United States on April the 15, 2020, the CDC changed how it's counting coronavirus cases – to include probable cases rather than just confirmed and presumptive cases. As the reporting process stabilizes and disparities narrow, it appears that there is less reason for frequent updates, which is likely why news outlets such as CNN have decreased reporting frequency in the United States. Rather than push for up-to-the-minute estimates, they are more and more reporting prior day estimates.

UK Reported Cases



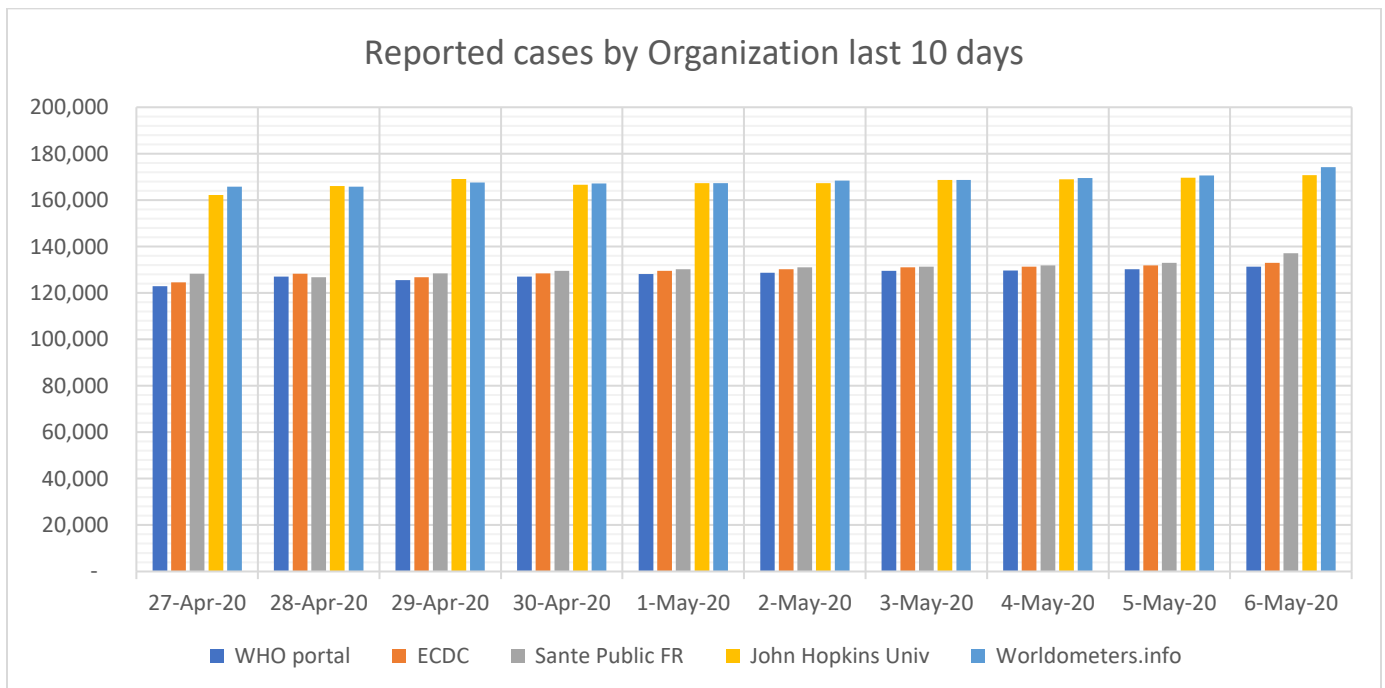
The number of cases in the United Kingdom has stabilized among the reporting agencies covering it, and consistency in reported cases has increased.

Germany reported cases

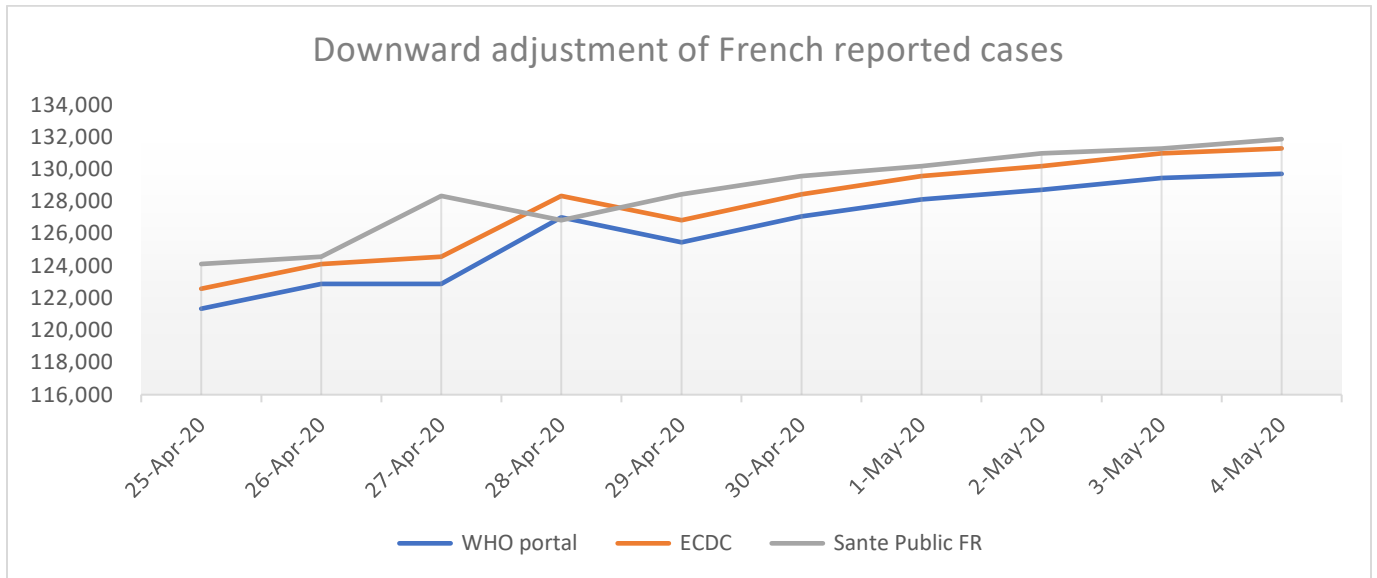


Consistency across the RKI and the WHO continues, with the WHO using the RKI for their official numbers. News and non-governmental sources continue to provide information at a higher level. PCS will continue to monitor Germany to see how the reporting evolves in the near future.

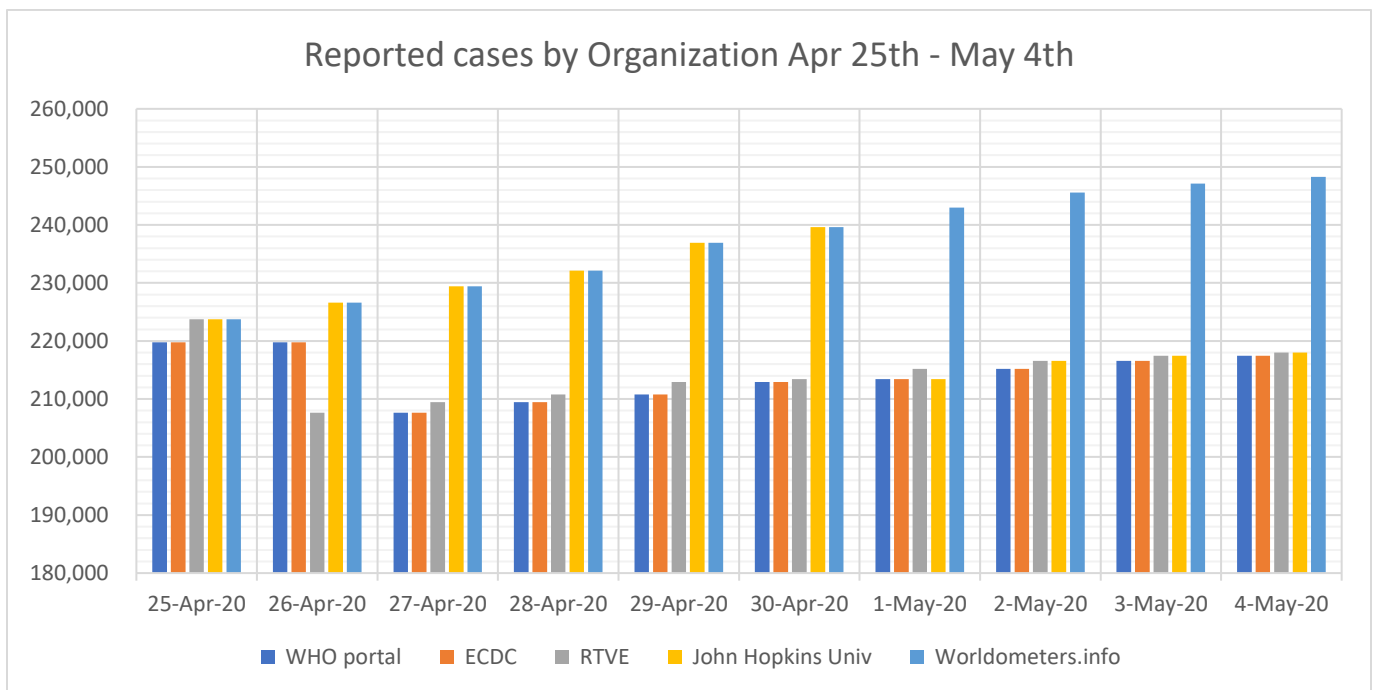
France reported cases



As the number of cases have increased, the Santé publique France is widening the gap in reporting compared to the other official sources like WHO and ECDC. As we have noted before the differences in collecting data are still of note and Johns Hopkins and Worldometers continues to be high enough, suggesting that there continue to be challenges associated with collecting COVID-19 confirmed case data in France. From April 28-30, 2020, official public sources as well as JHU, have adjusted downwards the daily number of reported cases by several thousand, suggesting inconsistencies in data reported. PCS will continue to monitor the situation.

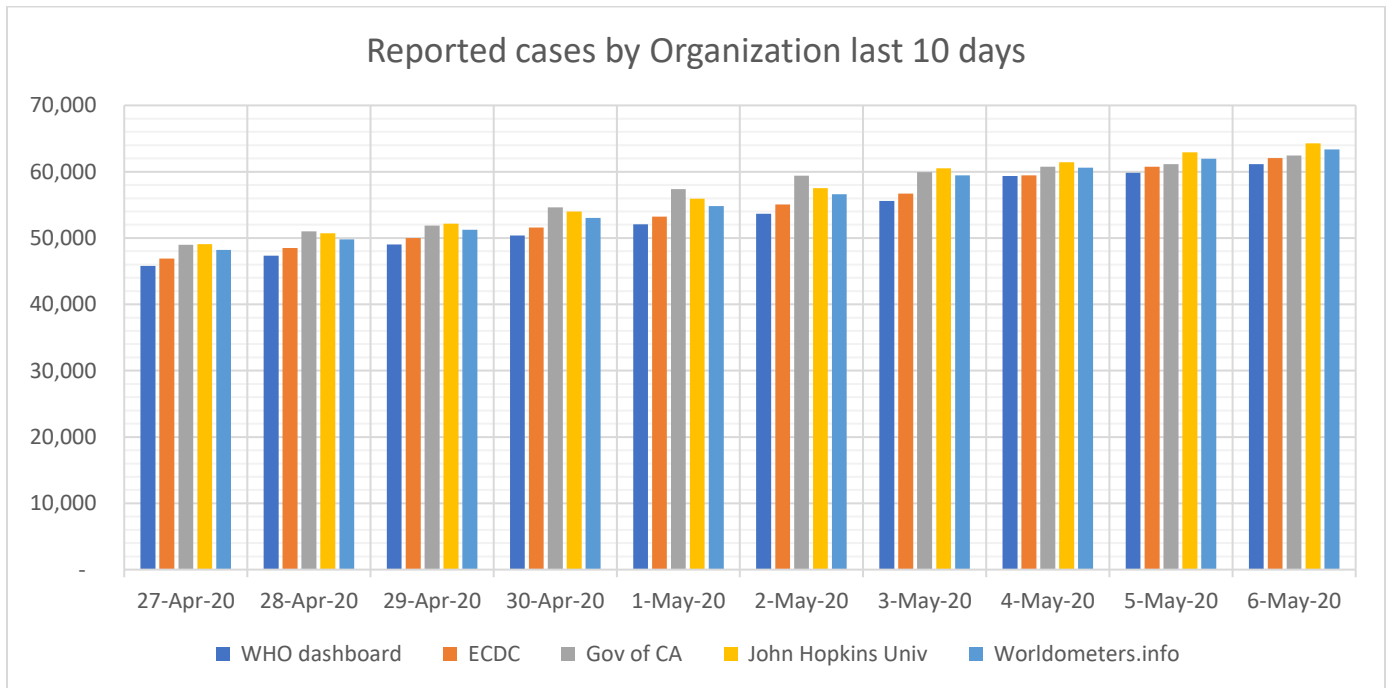


Spain reported cases



Spain has shown the most irregularities in reported data. From April 26-28, 2020, a downward adjustment of cases happened across all official channels: WHO, ECDC and RTV. On the opposite end, private reporting entity JHU has revised the cases only on the 1st of May and has since been on the same level of reporting with official channels. Worldometers is the only source that has not done a revision of the number of cases in Spain.

Canada reported cases



The Government of Canada appears to have a good handle on the number of reported cases as it reports ahead of any other public or independent sources. WHO and ECDC seem to be lagging in reporting compared to other reporting sources like JHU and Worldometers.

COVID-19 Cruise Line update

Currently, no cruise company faces more claims related to the virus than Carnival. Approximately two dozen lawsuits have been filed against Carnival-owned companies, seeking millions of dollars in damages.

Celebrity Cruises, owned by the second-largest cruise line company, Royal Caribbean Cruises Ltd., is faced with a proposed class-action filed by crew members who allege Celebrity failed to protect them from the virus.

Norwegian Cruise Line Holdings Ltd., the third largest, faces a shareholder lawsuit that alleges the company failed to disclose adverse facts that affected it due to Covid-19. Additional reports indicate passenger suits against Celebrity Cruises and Norwegian Cruise Line are forthcoming.

Royal Caribbean faces a wrongful death lawsuit after a 27-year old crew member on the Celebrity Infinity died from COVID-19.

Some of the virus-related claims are seeking class-action status and involve multiple plaintiffs, totaling almost 200 so far. However, some opinions in the industry believe the class-action certifications face a significant challenge because of language contained in passengers' tickets which favor the cruise line owners.

Many of the coronavirus lawsuits filed thus far contend that the companies should have known how infectious COVID-19 was after an outbreak in late February on the Diamond Princess, which is operated by Carnival's Princess Cruise Lines Ltd. What began as fewer than a dozen infections quickly spread to more than 700 passengers and eventually killed at least 13 despite a quarantine of the vessel off Yokohama, Japan. As of May 7th, Princess Cruises has announced that it has extended the suspension of global ship operations until the end of August this year. According to the cruise line operators, the suspension was extended due to decreased flight availability and port closures in place to help mitigate the global COVID-19 pandemic.

The U.S. Congress has launched an investigation into Carnival's response to COVID-19. The U.S. House Committee on Transportation and Infrastructure is investigating the company's handling of the outbreak.

As a result of insured losses already incurred and confirmed regarding the Diamond Princess, PCS will be designating this is a **PCS Global Marine and Energy** event to track and include in our database of marine and energy events which exceed \$100mn US. More information regarding this event will be available in our forthcoming PCS Global Marine and Energy Event designation bulletin.

Useful Links from COVID-19 Data Sources

- US Government Federal Guidance - <https://www.usa.gov/coronavirus>
- Government of Canada Federal Guidance - <https://www.canada.ca/en/public-health/services/diseases/coronavirus-disease-covid-19.html>
- UK Government Guidance- <https://www.gov.uk/government/topical-events/coronavirus-covid-19-uk-government-response>
- Government of Mexico Federal Guidance - <https://www.gob.mx/salud/documentos/nuevo-coronavirus-2019-ncov-comunicado-tecnico-diario>
- ESRI COVID-19 GIS hub: https://coronavirus-resources.esri.com/?adumkts=industry_solutions&aduse=local_state&aduc=email&adum=list&utm_Source=email&aduca=mi_smart_communities&aduco=coronavirus_hub_resources&adut=950533&adupt=awareness&sf_id=7015x000000iQIAA2&aducp=operational_second_body_text
- WHO COVID-19 situation reports: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>
- CDC Overview Page: <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/summary.html> (includes links to testing locations, nature of transmission, etc.)
- Insurance Information Institute Corona Virus Toolkit - https://www.iii.org/sites/default/files/docs/pdf/covid19_toolkit_03162020.pdf
- Pharmaceutical technology Coronavirus COVID-19 outbreak: Latest news, information and updates - <https://www.pharmaceutical-technology.com/knowledge-bank/coronavirus-faqs-covid-19-categories/>
- CNN Live Coronavirus pandemic updates: <https://edition.cnn.com/world/live-news/coronavirus-outbreak-03-17-20-intl-hnk/index.html>
- Worldometers.info - <https://www.worldometers.info/coronavirus/country/us/>
- Wikipedia US pandemic - https://en.wikipedia.org/wiki/2020_coronavirus_pandemic_in_the_United_States
- European CDC - <https://www.ecdc.europa.eu/en/publications-data/download-todays-data-geographic-distribution-covid-19-cases-worldwide>
- GOV.UK - <https://www.gov.uk/guidance/coronavirus-covid-19-information-for-the-public>
- Public Health England - <https://www.arcgis.com/apps/opsdashboard/index.html#/f94c3c90da5b4e9f9a0b19484dd4bb14>
- Sante Public FR - weekly update - <https://www.santepubliquefrance.fr/maladies-et-traumatismes/maladies-et-infections-respiratoires/infection-a-coronavirus/articles/infection-au-nouveau-coronavirus-sars-cov-2-covid-19-france-et-monde>
- GOV of Canada - https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html?utm_campaign=not-applicable&utm_medium=vanity-url&utm_source=canada-ca_coronavirus#a1
- MorgenPost.DE - <https://interaktiv.morgenpost.de/corona-virus-karte-infektionen-deutschland-weltweit/>
- Robert Koch Institute - https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Fallzahlen.html