COVID-19

SOURCES OF INFORMATION

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1. COVID-19 STATISTICS

World Health Organization
https://www.who.int/emergencies/diseases/novel-coronavirus-2019
Statistical information about the pandemic and recommended policies.

Bureau of Economic Analysis
https://www.bea.gov/

JPMorgan
Infection and mortality charts with economic and market data. Market valuations, flows and positioning. Economic history of recovery since 1700s. COVID-19 outbreak patterns in relation with latitude, temperature and other meteorological conditions.

Worldometer
https://www.worldometers.info/coronavirus/country/us/
Coronavirus statistics. Total Cases, total deaths and total recovered. Active cases and close cases. Case Graphs and numbers by countries.

European Centre for Disease Prevention and Control (ecdc)

ARCGIS
https://experience.arcgis.com/experience/685d0ace521648f8a5beeeee1b9125cd
Global Map with countries, specific areas or territories with cases.

Data Studio Google
https://datastudio.google.com/embed/u/0/reporting/1iimtcfkhGR0XgfveiRUGjG1jYv8RXXx/page/xfcHB
COVID-19 stats; confirmed cases, global new cases, deaths and mortality rates.
Our World in Data
https://ourworldindata.org/coronavirus

Bureau of Economic Analysis, U.S Treasury Department
https://www.bea.gov/news/glance
National Economic Accounts stats; GDP, personal income and outlays, GDP by industries, International Economic Accounts stats, International investment position, international trade in Goods and Services, and regional economic accounts.

Social Distancing Scoreboard
https://www.unacast.com/covid19/social-distancing-scoreboard
Uses cell phone data to estimate social distancing by county and state in the U.S. in terms of the reduction in distance travelled. Updated daily.

2. GOVERNMENT RESPONSES

United Nations
Reliable Coronavirus information from the UN Offices. Preventive behaviors to avoid contagion. Guidance from UN Medical Directors. Information for personnel at UN Headquarters in New York.

The Centers for Disease Control (CDC)
https://www.coronavirus.gov/
Symptoms and social distancing information. Strategies for Optimizing the Supply of PPE. Updates on cases of coronavirus in the U.S.

European Council
Main advances of the work b the Council to offer a coordinated response to the COVID-19 outbreak.
Department of Health (New York State)
https://coronavirus.health.ny.gov/home
Guidance on essential services to assist businesses in determining if they are an essential business and process to request such designation. Labor conditions and paid sick leave access.

USAGOV
https://www.usa.gov/coronavirus

Small Business Administration
Small business guidance & loan resources. SBA products and resources. Access to capital and exporting assistance to small businesses.

The Conference Board of Canada
https://www.conferenceboard.ca/insights/covid-19

3. **ECONOMIC, FINANCIAL, AND BUSINESS IMPACT**

International Monetary Fund
IMF disbursement to help the countries. Learning from China; Global Economic planning for the coming months, Fiscal Policies and Potential Impact of the Coronavirus Epidemic.

World Bank

Peterson Institute for International Economics
https://www.piie.com/
The Conference Board
https://info.conference-board.org/kW06r0x10PK00BWZbS0Og0Z

Bank of England
https://www.bankofengland.co.uk/coronavirus

Federal Reserve (FED)
Federal Reserve economical announcements. Federal Reserve establishment of temporary U.S dollar liquidity arrangement with other central Banks. TLAC, as an additional cushion of capital and long-term debt that could be used to recapitalize a bank if its in distress.

Federal Reserve Bank of St. Louis
https://research.stlouisfed.org/
COVID-19’s impact on Firms’ liquidity and Bankruptcy. COVID-19’s impact on financial markets.

World Economic Forum
https://www.weforum.org/agenda/archive/covid-19

HSBC
Congressional Research Service
https://crsreports.congress.gov/product/pdf/IF/IF11421

PwC

Bureau of Economic Analysis, U.S Treasury Department
https://www.bea.gov/news/glance
National Economic Accounts stats; GDP, personal income and outlays, GDP by industries, International Economic Accounts stats, International investment position, international trade in Goods and Services, and regional economic accounts.

Global Web Index
https://www.globalwebindex.com/coronavirus?utm_campaign=Manual%20nurture%20H219&utm_source=hs_email&utm_medium=email&utm_content=85260311&_hsrc=p2ANqtz-_00r4TOaCjWstH1gTYM_dnlfkcFGbKxSFWZSCw9ikZYZClvSUPGbhlZrlSsCd4f8RusJ75xa3x0RxbnIpMU6iGIFxA&_hsmi=85260313
Provides reports on the impact on consumption.

4. IMPACT BY INDUSTRY

Air travel
Airline’s response and travel professional’s resources with Emergency Response Plan in aviation’s cases. Countries travel measures.
U.S. Commercial Real Estate Services  
https://www.cbre.com/covid-19
COVID-19 impact on Commercial Real estate. Analysis on the macro-economy situation, specifically on the real estate asset classes, capital markets publicly-traded securities as well as key operational issues. Impacts in the U.S hotel sector and retail centers. Potential CRE impacts; office, retail, industrial, Hotels, and Multifamily.

CUSHMAN & WAKEFIELD  

Modern Healthcare  

KFF  

Farm Bureau  
Impact on farmers and ranchers. Fed cattle prices situation. Stability on our food supply, as concerns over COVID-19 lead to increase in consumer consumption in groceries.

Food and Agriculture Organization of the United Nations  
Q&A COVID-19 pandemic impact on food and agriculture. Impact on food demand.

Computerworld  
Cancelations of events and shows by big tech companies, opting to hold online streaming. Amid supply chain disruption; some companies that rely on China may face delays in products and therefore lost of revenues.
Central Banks policy response to mitigate cash flow problems from a negative demand shock. Emergency expansionary monetary policies by Asian Central Banks. Expectations; Provisions of additional swap lines by the Fed as well as IMF liquidity provision. Graphs in evolution of coronavirus outbreak in Asia. Market indicators in China; Housing transactions, coal usage, steel factory weekly rate, car sales…


Strategies and policymakers to contain the outbreak and prevent spread. COVID-19 impacts in the global economy and geopolitical landscape. Tracking state level mitigation strategies. Advancing treatments to reduce COVID-19 risk.

Evaluation on the impact on the supply chain; suppliers, manufacturing, logistics, sales and labor. Analysis of the different impacts depending on the type of supply chain. Actions to take starting now to navigate disruption now and in the future:

*Mobilize the response* with speed and agility to maximize mitigation effectiveness.

*Sense the risk* with he availability of big data, intelligent systems and a connect ecosystem.

*Analyze the risks* assessing end to end operations and quantify the impact both financially and operationally.

*Configure the risk* response deciding which response actions to take and eventually considerations.

Reports of tax developments in response to the coronavirus. KPMG’s global mobility services flash alerts.
KPMG: Business Implications
Economic relief programs; government measures to protect public health, financial protection and sustainability leading to investments stimulus and financial incentives.

KPMG: Financial Reporting
General financial reporting considerations with focus on Hong Kong issuers. Impact of the outbreak on companies’ financial statements and Business reviews in management discussion and analysis.

BAIN & COMPANY
https://www.bain.com/insights/topics/coronavirus/
Global Impact track; Situational Threat Report as an evaluation of the outbreak’s effect on global business 9level 6 on a scale of 10). Private Equity Firms’ solutions assessing risks and prioritizing the most effective response. Coronavirus Action plan for B2B Sales. Information on leading effective virtual meetings.

5. PUBLIC OPINION SURVEYS

Pew Research Center
U.S population’s response to the Coronavirus Disease. Surveys about telework benefits, urban areas affected, Evangelicals response to Trumps policies, student’s situation with schools online, American’s cooperation to stop the outbreak, American’s trust in medical doctors and labor conditions with paid sick leave.

Ipsos MORI
6. **FORECASTS**

**Johns Hopkins Coronavirus Resource Center**  
[https://coronavirus.jhu.edu/](https://coronavirus.jhu.edu/)  
Advance understanding of the virus, inform the public, and policymakers to guide a response and improve care.

**BBC**  

**Brookings**  
[https://www.brookings.edu/topic/coronavirus-covid19/](https://www.brookings.edu/topic/coronavirus-covid19/)  

**Goldman Sachs**  
Market comparison between COVID-19 and 08 Financial Crisis. Analysis of how individuals can stay healthy and productive working remotely. Equity market selloff valuation.

**McKinsey & Company**  
Current perspectives on the outbreak; case-fatality rate by age segment. Different scenarios; delayed recovery (new cases until mid April. Virus proves to be seasonal. Large-scale quarantine that produce recession). prolonged contraction (the virus does not prove to be seasonal and stays for the rest of the year forcing countries to keep health measures. Demand suffers as consumers cut spending throughout the year. Severe global economic impact approaching closely to the 08 financial crisis 0.9 GDP. Companies sets of actions (workforce protection, supply chain stabilization, consumer engagement, financials stress testing, nerve-center integration). Economic impact and global supply-chain challenges.