GLOBAL ECONOMIC CONDITIONS
Updated March 2023

Globalization Institute
Federal Reserve Bank of Dallas
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Special Section: COVID-19

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COVID-19 Cumulative Deaths Per Million in Major Advanced Economies

- U.S.
- Germany
- Japan
- U.K.
- Canada

Sources: Haver, Johns Hopkins.

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Indicators of Real Activity
Chart 1. Global GDP Growth

NOTE: The advanced economies (ex. U.S.) aggregate includes the Euro Area, Japan, the U.K., Canada, Australia, South Korea, Switzerland and Sweden. The emerging economies aggregate includes China, Brazil, Russia, India, Mexico, Indonesia, Turkey, Argentina, South Africa and Colombia. The world aggregate includes these countries, which make up approximately 80 percent of world GDP computed using purchasing power parity (PPP)-adjusted GDP weights.
Chart 2. OECD Industrial Production

Index, 2005 = 100

Last Observation: Dec = 113.5

NOTE: Countries included in the industrial production index are all members of the Organization for Economic Cooperation and Development, or OECD (Australia, Austria, Belgium, Canada, Chile, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, South Korea, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom and United States).

SOURCES: OECD; Haver Analytics
Chart 3. Global Purchasing Managers Index

NOTE: This index measures purchasing managers' perspectives of current business conditions. An index value greater than 50 indicates economic expansion from the previous month, while a value below 50 indicates contraction.

SOURCES: JPMorgan; Bloomberg
Chart 4. Unemployment in Major Advanced Economies

NOTE: The chart plots harmonized unemployment data for the U.K.

SOURCES: National Statistical Offices, EUROSTAT; Haver Analytics
Chart 5. Unemployment in OECD Economies

Last Observation: Jan = 4.9

SOURCES: OECD; Haver Analytics
Chart 6. Volume of World Merchandise Trade

Index, 2000 = 100

Last Observation: Jan = 195.5

NOTE: This series includes data from 23 industrialized and 60 emerging market economies and covers approximately 97 percent of total world trade. Trade volume is calculated as the arithmetic average of world export volumes and world import volumes.
Chart 7. Volume of World Merchandise Trade

Index, 2000 = 100

NOTE: Import and export series include data from 23 industrialized and 60 emerging market economies and cover approximately 97 percent of total world trade.

SOURCES: Netherlands Bureau for Economic Policy Analysis; Haver Analytics

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Chart 8. Baltic Dry Index

NOTE: The Baltic Dry Index is a maritime shipping index that measures charter rates for shipping dry bulk commodities such as coal, grain and iron ore.

Last Observation: March 23 = 1484

Index, 1/4/1985 = 1,000

SOURCES: Baltic Exchange; Bloomberg

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Inflation Indicators
Chart 9. Commodity Prices

Index, Jan. 2007 = 100

- Precious Metals (Mar 23 = 296.1)
- Agriculture and Livestock (Mar 23 = 161.5)
- Energy (Mar 23 = 115.8)
- Industrial Metals (Mar 23 = 102.2)

SOURCES: Goldman Sachs; Haver Analytics
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NOTE: The headline consumer price index (CPI) is the broadest measure of price changes consumers face in their day-to-day living expenses. The core CPI excludes energy and food prices.
Chart 11. Global Inflation (Headline CPI)

Percent, Year/Year

- World (Jan = 6.5)
- Advanced Economies (Jan = 6.4)
- Emerging Economies (Jan = 6.5)

NOTES: Calculations are based on a representative sample of 40 countries. Aggregated using U.S. trade weights.

SOURCES: Database of Global Economic Indicators; Haver Analytics.
Chart 12. Inflation in Major Advanced Economies (Headline CPI)

Percent, Year/Year

SOURCES: National Statistical Offices, European Central Bank; Haver Analytics

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Chart 13. Inflation in Major Emerging Economies (Headline CPI)

Brazil (Feb = 5.5)
Russia (Feb = 11.1)
India (Jan = 6.2)
Indonesia (Feb = 5.5)
China (Feb = 1.0)
South Africa (Feb = 7.4)

SOURCES: National Statistical Offices; Haver Analytics

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Money and Capital Markets
Chart 14. Money Market Spreads

NOTE: The chart plots the spread, or difference, between 3-month interbank offered rates (Libor for the dollar, yen and pound sterling; Euribor for the euro) and the overnight index swap rate for each currency.

SOURCES: Bloomberg, Haver Analytics

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Chart 15. 10-Year Government Bond Yields in Major Advanced Economies

- U.S. (Mar 23 = 3.4)
- Euro Area (Mar 23 = 2.2)
- Japan (Mar 23 = 0.3)
- U.K. (Mar 22 = 3.5)
- Canada (Mar 23 = 2.7)

SOURCES: Financial Times, Reuters, Bank of Canada; Haver Analytics

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Chart 16. Stock Market Indexes in Major Advanced Economies

Index, Jan. 2007 = 100

NOTE: Stock market indexes are the Dow Jones Industrial Average Index for the U.S, the EURO STOXX 50 Price Index for the Euro Area, the Nikkei 225 Average Index for Japan, the FTSE 100 Index for the U.K. and the S&P/TSX Composite Index for Canada.

SOURCES: Financial Times, Wall Street Journal; Haver Analytics
Chart 17. Stock Market Indexes in Major Emerging Economies

Index, Jan. 2007 = 100

- Brazil (Mar 23 = 233)
- Russia (Mar 23 = 55)
- India (Mar 24 = 424)
- Indonesia (Mar 24 = 380)
- China (Mar 24 = 115)
- South Africa (Mar 24 = 310)

NOTE: Stock market indexes are the Bovespa Index for Brazil, the RTS Index for Russia, the Bombay SENSEX for India, the Jakarta Composite for Indonesia, the New Shanghai Stock Exchange Composite Index for China and the Johannesburg Stock Exchange Top 40 Index for South Africa.
Chart 18. General Government Net Lending/Borrowing

Percent of GDP

-16 -14 -12 -10 -8 -6 -4 -2 0 2 4

U.S. (2022 = -4.0)
Euro Area (2022 = -3.8)
Japan (2022 = -7.9)
U.K. (2022 = -4.3)
Canada (2022 = -2.2)

SOURCES: International Monetary Fund; Haver Analytics
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Chart 19a. General Government Net Lending/Borrowing

Brazil (2022 = -5.8)

Russia (2022 = -2.3)

India (2022 = -9.9)

Indonesia (2022 = -3.9)

SOURCES: International Monetary Fund; Haver Analytics
Chart 19b. General Government Net Lending/Borrowing

China (2022 = -8.9)

South Africa (2022 = -4.9)

Percent of GDP

Sources: International Monetary Fund; Haver Analytics
Chart 20. General Government Gross Debt

<table>
<thead>
<tr>
<th>Year</th>
<th>US (2022 = 122.1)</th>
<th>Euro Area (2022 = 93.0)</th>
<th>UK (2022 = 87.0)</th>
<th>Canada (2022 = 102.2)</th>
<th>Japan (2022 = 263.9)</th>
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SOURCES: International Monetary Fund; Haver Analytics

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Chart 21a. General Government Gross Debt

**Brazil (2022 = 88.2)**

**Russia (2022 = 16.2)**

**India (2022 = 83.4)**

**Indonesia (2022 = 40.9)**

SOURCES: International Monetary Fund; Haver Analytics
Chart 21b. General Government Gross Debt

China (2022 = 76.9)

South Africa (2022 = 68.0)

Sources: International Monetary Fund; Haver Analytics
Monetary Policy
Chart 22. Central Bank Policy Rates in Major Advanced Economies

NOTES: The chart plots the federal funds rate for the U.S., the main refinancing operation rate for the Euro Area, the base rate for the U.K., the overnight target rate for Canada and the uncollateralized overnight call rate for Japan applied until April 3, 2013, before the main operating policy target changed to expanding the monetary base. On February 16, 2016, the Bank of Japan (BoJ) adopted negative interest rates applied to excess reserves that financial institutions hold at the BoJ. The Bank also introduced an interest rate target of around 0 percent for its 10-year government bond yields in September 2016.
NOTE: The Reserve Bank of India utilizes the repo rate to inject liquidity into the monetary system and the reverse repo rate to remove liquidity. On August 19, 2016, the Bank of Indonesia changed its policy rate from the BI rate to the 7-day reverse repo rate.

SOURCES: National Central Banks; Haver Analytics
Chart 23b. Central Bank Policy Rates in Major Emerging Economies

China

- Central Bank Policy Rate (Mar 17 = 3.65)
- 1-Year Deposit Rate (Mar 24 = 1.50)

South Africa

- Average Repo Rate (Mar 24 = 7.25)

Sources: National Central Banks; Haver Analytics

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Chart 24. Money Supply Growth in Major Advanced Economies

Percent, Year/Year

NOTE: The chart plots M2 in the Euro Area, U.S., Japan and Canada and M4 in the U.K.

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Chart 25. Money Supply Growth in Major Emerging Economies

NOTE: The chart plots M2 for each country.

SOURCES: National Central Banks; Haver Analytics
U.S. External Accounts
NOTE: The terms of trade is defined as export prices/import prices.
NOTE: The chart plots the nominal trade balance in goods.

SOURCES: Census Bureau; Haver Analytics

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Chart 28. U.S. Current Account Balance

Percent of GDP

Last Observation: 2022 Q4 = -3.2

NOTE: All values are nominal.

SOURCES: U.S. Bureau of Economic Analysis; Haver Analytics
Chart 29. Nominal Value of the U.S. Dollar

Index, Jan. 2000 = 100

NOTE: Countries or regions whose currencies are included in the major currencies index are the Euro Area, Canada, Japan, United Kingdom, Switzerland, Australia and Sweden. Countries included in the other important trading partners index are Mexico, China, Taiwan, Korea, Singapore, Hong Kong, Malaysia, Brazil, Thailand, Philippines, Indonesia, India, Israel, Saudi Arabia, Russia, Argentina, Venezuela, Chile and Colombia. An increase in each index represents an appreciation of the U.S. dollar and a decrease represents a depreciation.

SOURCES: Federal Reserve Board; Haver Analytics

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Chart 30. Real Value of the U.S. Dollar

Index, Jan. 2000 = 100

- Real Exchange Value of the U.S. Dollar (Feb = 110.8)
- U.S.Dollar vs. Major Currencies (Feb = 117.7)
- U.S.Dollar vs. Other Important Trading Partners (Feb = 106.5)

NOTE: Countries or regions whose currencies are included in the major currencies index are the Euro Area, Canada, Japan, United Kingdom, Switzerland, Australia and Sweden. Countries included in the other important trading partners index are Mexico, China, Taiwan, Korea, Singapore, Hong Kong, Malaysia, Brazil, Thailand, Philippines, Indonesia, India, Israel, Saudi Arabia, Russia, Argentina, Venezuela, Chile and Colombia. An increase in each index represents an appreciation of the U.S. dollar and a decrease represents a depreciation.

SOURCES: Federal Reserve Board; Haver Analytics
Current Analysis
Chart 31. Global Current Account Balances

NOTE: Oil exporting countries are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Oman, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. The remaining countries not already listed for which there is data comprise "Others". Striped columns denote forecasts.

SOURCES: International Monetary Fund; Haver Analytics

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Chart 32. Bond Spreads for Select Euro Area Economies

NOTE: The chart shows the spread, or difference, in interest rates between 10-year government bonds for various countries and German 10-year government bonds.