



# CYCLICAL COMMODITIES DEMAND AND SUPPLY FACTORS

This document contains a list of links and resources to help you understand and assess whether cyclical commodities are being driven by supply or demand factors. The list is by no means comprehensive but should help get you started in your comprehension of various supply and demand dynamics.

If prices are being driven by supply factors, this provides a weak signal to global GDP.

If prices are being driven by demand factors, this provides a strong signal to global GDP.

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## Oil

**Energy Information Administration – Petroleum** - <https://www.eia.gov/petroleum/>

**US Data** - <https://www.eia.gov/petroleum/data.php>

Including:

- Prices
- Crude Reserves and Production
- Refining and Processing
- Imports/Exports
- Movements
- Stocks
- Consumption/Sales

**International Data** - <https://www.eia.gov/international/data/world>

Including:

- Petroleum and other liquid production
- Refined petroleum products production
- Refined petroleum products consumption
- Crude and lease condensate imports
- Crude and lease condensate exports
- Crude and lease condensate reserves
- Bunker refined petroleum products
- Petroleum and Other Liquids data

**Projection Data** - <https://www.eia.gov/analysis/projection-data.php>

Including:

- Monthly short-term forecasts through the next calendar year
  - <https://www.eia.gov/outlooks/steo/data/browser/>
- Annual projections to 2050
  - <https://www.eia.gov/outlooks/aeo/data/browser/?src=-f1>
- International projections to 2050
  - <https://www.eia.gov/outlooks/aeo/data/browser/?src=-f1#/?id=3-IEO2017>

**Analysis Reports** - <https://www.eia.gov/analysis/reports.php#/T186>

**OPEC** - [https://www.opec.org/opec\\_web/en/](https://www.opec.org/opec_web/en/)

**OPEC Data** - [https://www.opec.org/opec\\_web/en/data\\_graphs/40.htm](https://www.opec.org/opec_web/en/data_graphs/40.htm)

- Oil Reserves
- Upstream Investment

- Downstream Capacity
- Market Indicators
- Historical Production Data

**OPEC Reports** - [https://www.opec.org/opec\\_web/en/21.htm](https://www.opec.org/opec_web/en/21.htm)

- Monthly Oil Market Report
- OPEC Bulletin
- World Oil Outlook
- Annual Statistical Bulletin

**International Energy Agency** - <https://www.iea.org/>

**International Energy Agency - Oil** - <https://www.iea.org/fuels-and-technologies/oil>

- Data Browser:
  - Global crude oil imports vs exports
  - Global final oil consumption by product
  - Global oil production
  - Global oil products final consumption by sector
  - Global oil products imports vs exports
- Analysis:
  - Oil Market Reports
  - World Energy Outlook
  - Oil Stocks of IEA Countries
  - Key World Energy Statistics

**BP World Energy** - <https://www.bp.com/en/global/corporate/energy-economics/statistical-review-of-world-energy.html>

**Statistical Review of World Energy**

- Oil:
  - Reserves
  - Production
  - Consumption
  - Prices
  - Refining
  - Trade Movements
- All data available

**World Bank Commodity Markets** - <https://www.worldbank.org/en/research/commodity-markets>

**Top Suppliers (Exports) 2019**

Country	Export Value USD
Saudi Arabia	145,157,149,552.00
Russia	123,294,399,894.00
Iraq	73,845,444,955.00
Canada	67,774,057,059.00
United States	61,908,713,688.00
United Arab Emirates	57,247,604,612.00

Nigeria	46,000,062,559.00
Kuwait	41,708,931,734.00
Kazakhstan	34,266,028,644.00
Norway	29,550,652,817.00

### **Top Consumers (Imports) 2019**

<b>Country</b>	<b>Import Value USD</b>
China	203,942,326,989.00
United States	122,541,986,993.00
India	92,718,714,933.00
South Korea	67,387,753,484.00
Japan	63,981,537,591.00
Netherlands	54,239,226,554.00
Italy	35,116,639,696.00
Germany	29,425,661,937.00
Spain	27,758,006,625.00
Chinese Taipei	24,871,963,017.00

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## **Copper**

### **US Geological Survey – Copper Statistics and Information -**

<https://www.usgs.gov/centers/nmic/copper-statistics-and-information>

- Monthly and Annual Copper Industry Surveys, with Data Download
- Ad Hoc Special Copper Publications

### **International Copper Study Group – <https://www.icsg.org/>**

- World Copper Fact Book
- Monthly Press Release
- Statistics
  - Production, Usage, Stocks
- Forecasts

### **Chilean Copper Commission – <https://www.cochilco.cl/>**

- Weekly and Quarterly World Copper Market Review

#### **Database – <https://www.cochilco.cl/Paginas/English/Statistics/Data-Base.aspx#>**

- Global Copper Mining Production
- Global Refined Copper Inventories

#### **Electronic Monthly Bulletin –**

<https://www.cochilco.cl/Paginas/Estadisticas/Publicaciones/BoletinMensualElectronico.aspx>

- Price, inventories, and other copper market variables
- Copper and copper by product production and sales

- World copper production

**Trading Pit** – <https://www.cochilco.cl/Paginas/English/Statistics/Publications/Trading-Pit.aspx>

- Daily inventories and prices across SHFE, COMEX, LME
- Monthly inventories and prices across SHFE, COMEX, LME

**International Wrought Copper Council** – <http://www.coppercouncil.org/iwcc-statistics-and-data>

- Global Semis Production and Demand
- Global Copper Semis End Use Summary

**World Bank Commodity Markets** – <https://www.worldbank.org/en/research/commodity-markets>

**Kitco Metals** – [http://www.kitcometals.com/charts/copper\\_historical.html](http://www.kitcometals.com/charts/copper_historical.html)

- Historical LME Copper Inventory Charts

#### **Top Consumers (Imports) 2019**

<b>Country</b>	<b>Import Value USD</b>
China	31,348,218,948.00
Japan	7,791,052,475.00
South Korea	3,942,047,826.00
Bulgaria	1,968,984,137.00
India	1,840,957,850.00
Germany	1,840,047,514.00
Mexico	1,711,854,370.00
Spain	1,574,011,273.00
Philippines	951,954,364.00
Chinese Taipei	852,876,652.00

#### **Top Suppliers (Exports) 2019**

<b>Country</b>	<b>Export Value USD</b>
Chile	18,426,934,323.00
Peru	12,182,113,108.00
Australia	4,606,303,432.00
Canada	2,810,460,812.00
Mexico	2,497,821,813.00
Brazil	2,320,711,838.00
United States	2,300,780,747.00
Mongolia	1,794,504,656.00
Spain	1,424,112,132.00
Indonesia	1,419,867,256.00

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## Lumber

### Food and Agriculture Organization of the United Nations –

<https://www.fao.org/faostat/en/#data/FO>

- Production Quantity by Country
- Import Quantity by Country
- Import Value by Country
- Export Quantity by Country
- Export Value by Country

### International Tropical Timber Organization – <https://www.itto.int/>

- Biennial Statistics and Report on production and trade of primary wood products
  - [https://www.itto.int/biennial\\_review/](https://www.itto.int/biennial_review/)
- Uses data from the Joint Forest Sector Questionnaire
  - Partnered with Eurostat, FAO Forestry Department, UNECE Timber Section

Joint Forest Sector Questionnaire - <https://www.forestresearch.gov.uk/tools-and-resources/statistics/statistics-by-topic/international-returns/joint-forest-sector-questionnaire/>

World Bank Commodity Markets - <https://www.worldbank.org/en/research/commodity-markets>

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## Iron Ore

### US Geological Survey – Iron Ore Statistics and Information -

<https://www.usgs.gov/centers/nmic/iron-ore-statistics-and-information>

- Monthly and Annual Copper Industry Surveys, with Data Download

### Government of Western Australia – Department of Mines, Industry Regulations and Safety -

<https://www.dmp.wa.gov.au/>

- Statistics Digest - <https://www.dmp.wa.gov.au/About-Us-Careers/Statistics-Digest-3962.aspx>
- Latest Statistics Release - <https://www.dmp.wa.gov.au/About-Us-Careers/Latest-Statistics-Release-4081.aspx>
- Industry Activity Indicators - <https://www.dmp.wa.gov.au/About-Us-Careers/Latest-Resources-Investment-4083.aspx>

World Bank Commodity Markets - <https://www.worldbank.org/en/research/commodity-markets>

**Top Suppliers (Exports) 2019**

<b>Country</b>	<b>Export Value USD</b>
Australia	67,505,286,994.00
Brazil	22,974,607,343.00
South Africa	6,725,052,220.00
Canada	5,073,848,643.00
Ukraine	3,361,996,233.00
Sweden	2,545,556,801.00
India	2,442,323,220.00
Russia	2,192,500,079.00
Mauritania	1,684,668,911.00
Iran	1,059,102,611.00
United States	1,025,643,652.00

**Top Consumers (Imports) 2019**

<b>Country</b>	<b>Import Value USD</b>
China	83,051,198,717.00
Japan	8,986,783,146.00
South Korea	6,020,887,905.00
Germany	2,315,347,712.00
Malaysia	2,238,191,789.00
Netherlands	2,224,714,861.00
Chinese Taipei	1,856,715,752.00
France	1,089,267,057.00
Turkey	942,198,763.00
Vietnam	814,267,242.00
Bahrain	805,244,516.00