

News Release

Embargoed until 1100 EST (1500 UTC) 03 April 2023

S&P Global PMI™ Commodity Price & Supply Indicators

Further softening in global price and supply pressures in March

Key findings

Global price pressures at joint-softest since June 2020 (index at 0.3)

Reports of supply shortages dip to 30-month low (index at 1.7)

Semiconductor prices reported to have fallen for the first time since January 2020

Data were collected 10-28 March 2023.

The Global PMI™ Commodity Price & Supply Indicators by S&P Global indicated an easing in price and supply pressures across the global manufacturing sector at the end of the first quarter of 2023. The Global Price Pressures Index dropped further in March to indicate that commodity prices were rising at just under a third of the normal speed, the joint-slowest pace since June 2020. Half of the 26 monitored commodities were reported to have fallen in price in the latest survey period, including semiconductors, energy, oil and gas.

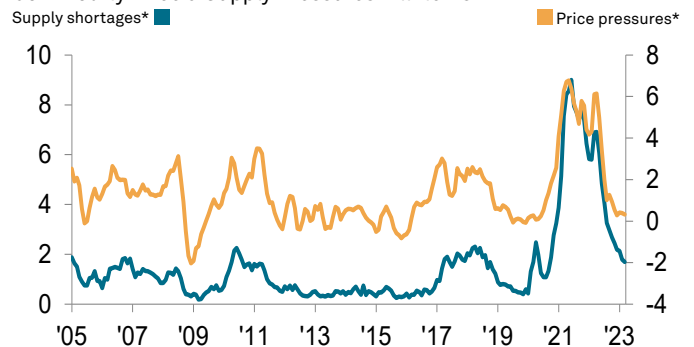
Similarly, the Global Supply Shortages Index edged down in March to reach the lowest level in two-and-a-half years. Eight of the 20 monitored commodities saw reports of supply shortfalls ease, including electrical items and semiconductors which saw the lowest number of reported shortages for 27 and 30 months respectively. However, reported shortages of transport capacity increased on the month to the highest since last November.

Commenting on the latest results, Usamah Bhatti at S&P Global Market Intelligence said:

"Global manufacturers signalled a further moderation in both price and supply pressures during March. Latest data indicated that reports of higher prices were the joint-lowest since June 2020 and below the historical average. Noteworthy reductions in price were reported, including for oil, gas, energy and semiconductors. In fact, energy prices were reported as falling for the first time since August 2020, a far cry from the severe rises in the second half of last year. Manufacturers will also be buoyed by the first reported drop in semiconductor prices since the start of 2020.

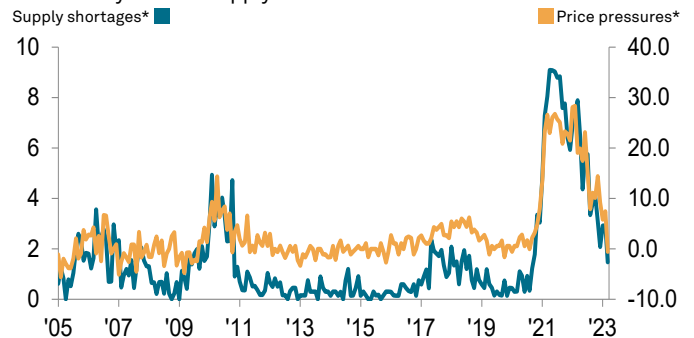
"The reduction in semiconductor prices comes as reported shortfalls of the commodity eased to the lowest since September 2020. Overall, reports of supply shortages softened to the lowest since mid-2020, providing evidence that supply chains are continuing on their path to normalisation."

Commodity Price & Supply Pressures: All Items



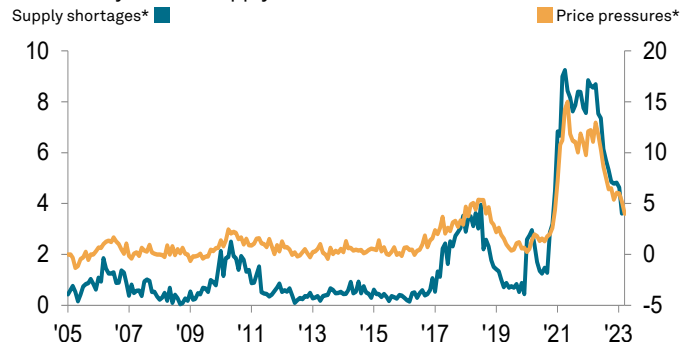
Source: S&P Global.
*multiple of long-run average

Commodity Price & Supply Pressures: Semiconductors



Source: S&P Global.
*multiple of long-run average

Commodity Price & Supply Pressures: Electrical Items



Source: S&P Global.
*multiple of long-run average

PMI™

by S&P Global

Methodology

S&P Global PMI™ Commodity Price & Supply Indicators are derived from S&P Global's monthly Purchasing Managers' Index™ (PMI) business surveys. These surveys are highly regarded worldwide for providing accurate and timely data on economic trends.

The manufacturing PMI survey covers variables such as output, order books, employment, purchase prices, and suppliers' delivery times, with monthly data collected from approximately 10,000 companies worldwide.

When questioned about suppliers' delivery times, companies are also asked to list any specific items that have been in short supply each month. These lists of items are transformed into Supply Shortage Indicators (SSIs), which show the development of supply pressures relative to long-run trends.

When questioned about purchase prices, companies are also asked to list any specific items that have increased or decreased in price each month. These lists of items are transformed into Price Pressure Indicators (PPIs), which show the development of price pressures relative to long-run trends.

Coverage

Historical data for the S&P Global PMI™ Commodity Price & Supply Indicators extend to January 2005.

Indices are calculated from responses to the following 15 manufacturing PMI surveys: Brazil, Canada, China, France, Germany, India, Ireland, Italy, Netherlands, Russia, South Korea, Spain, Taiwan, UK, US.

Each month's results are adjusted by survey response numbers, which accounts for different start dates across the national PMI surveys that feed into the global supply shortages dataset and any other variations in response rates.

Figures are published at the global level.

Supply Shortage Indicators (SSIs)

SSIs are calculated from the number of purchasing managers that report a specific item to have been in short supply during the survey month. An adjustment is made each month to allow for any month-to-month variation in the total number of survey respondents. Indices are presented as a multiple of the long-run average since 2005.

The index is based such that a value of 1.0 means that supply shortages are in line with the long-run average.

Any figure above 1.0 indicates that supply shortages are above the long-run trend, and the higher the figure the greater the number of shortages relative to the average. For example, an index value of 3.0 would signal that reports of supply shortages in the reference month are three times the normal amount.

Any figure below 1.0 therefore indicates that supply shortages are below the long-run trend, and the lower the figure the fewer the number of shortages relative to the average. For example, an index value of 0.2 would signal that reports of supply shortages in the reference month are one-fifth of the normal amount.

Data are not revised after first publication.

Contact

Usamah Bhatti
Economist
S&P Global Market Intelligence
T: +44-134-432-8370
usamah.bhatti@spglobal.com

Katherine Smith
Corporate Communications
S&P Global Market Intelligence
T: +1 (781) 301-9311
katherine.smith@spglobal.com

If you prefer not to receive news releases from S&P Global, please email katherine.smith@spglobal.com. To read our privacy policy, click [here](#).

For subscription enquiries, please contact: economics@ihsmarkit.com

About S&P Global

S&P Global (NYSE:SPGI) S&P Global provides essential intelligence. We enable governments, businesses and individuals with the right data, expertise and connected technology so that they can make decisions with conviction. From helping our customers assess new investments to guiding them through ESG and energy transition across supply chains, we unlock new opportunities, solve challenges and accelerate progress for the world.

We are widely sought after by many of the world's leading organizations to provide credit ratings, benchmarks, analytics and workflow solutions in the global capital, commodity and automotive markets. With every one of our offerings, we help the world's leading organizations plan for tomorrow, today. www.spglobal.com.

Disclaimer

The intellectual property rights to the data provided herein are owned by or licensed to S&P Global and/or its affiliates. Any unauthorised use, including but not limited to copying, distributing, transmitting or otherwise of any data appearing is not permitted without S&P Global's prior consent. S&P Global shall not have any liability, duty or obligation for or relating to the content or information ("data") contained herein, any errors, inaccuracies, omissions or delays in the data, or for any actions taken in reliance thereon. In no event shall S&P Global be liable for any special, incidental, or consequential damages, arising out of the use of the data. Purchasing Managers' Index™ and PMI™ are either registered trade marks of Markit Economics Limited or licensed to Markit Economics Limited and/or its affiliates.

This Content was published by S&P Global Market Intelligence and not by S&P Global Ratings, which is a separately managed division of S&P Global. Reproduction of any information, data or material, including ratings ("Content") in any form is prohibited except with the prior written permission of the relevant party. Such party, its affiliates and suppliers ("Content Providers") do not guarantee the accuracy, adequacy, completeness, timeliness or availability of any Content and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such Content. In no event shall Content Providers be liable for any damages, costs, expenses, legal fees, or losses (including lost income or lost profit and opportunity costs) in connection with any use of the Content.

No significant seasonality has been detected in the main SSIs hence the SSIs are not seasonally adjusted.

Items covered: Supply Shortage Indicators (SSIs)

The headline index is the 'All Items Index'. In addition, individual indices are published for the following 20 items and groupings: Semiconductors, Electrical Items, Oil, Transport, Chemicals, Polymers, Polyethylene, Polypropylene, PVC, Rubber, Timber, Paper, Packaging, Food, Textiles, Aluminium, Copper, Iron, Steel, Stainless Steel.

Price Pressure Indicators (PPIs)

PPIs are calculated from the number of purchasing managers that report a specific item to have been up in price during the survey month (less the number reporting an item down in price). An adjustment is made each month to allow for any month-to-month variation in the total number of survey respondents. Indices are presented as a multiple of the long-run average since 2005.

The index is based such that a value of 1.0 means that price pressure is in line with the long-run average.

Any figure above 1.0 indicates that price pressure is above the long-run trend, and the higher the figure the faster the rate of increase relative to the average. For example, an index value of 3.0 would signal that reports of price increases in the reference month are three times the normal amount.

Any figure above 0.0 but lower than 1.0 indicates that price pressure is below the long-run trend, and the lower the figure the slower the rate of increase relative to the average. For example, an index value of 0.2 would signal that reports of price increases in the reference month are one-fifth of the normal amount.

A value of 0.0 means that prices are stable during the reference month.

Any figure below 0.0 indicates that reports of price declines exceed reports of rising prices, and the lower the figure the greater the degree of negative price pressure. For example, an index value of -3.0 would signal that reports of price declines in the reference month are three times the normal amount of price pressure.

Data are not revised after first publication.

No significant seasonality has been detected in the main PPIs hence the PPIs are not seasonally adjusted.

Items covered: Price Pressure Indicators (PPIs)

The headline index is the 'All Items Index'. In addition, individual indices are published for the following 25 items and groupings: Semiconductors, Electrical Items, Oil, Transport, Chemicals, Polymers, Polyethylene, Polypropylene, PVC, Rubber, Timber, Paper, Packaging, Food, Textiles, Aluminium, Copper, Iron, Steel, Stainless Steel, Electricity, Energy, Gas, Cartons, Polystyrene.

For further information on the PMI survey methodology, please contact economics@ihsmarkit.com.

About PMI

Purchasing Managers' Index™ (PMI™) surveys are now available for over 40 countries and also for key regions including the eurozone. They are the most closely watched business surveys in the world, favoured by central banks, financial markets and business decision makers for their ability to provide up-to-date, accurate and often unique monthly indicators of economic trends. ihsmarkit.com/products/pmi.html.