

News Release

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S&P Global PMI™ Commodity Price & Supply Indicators

Sustained easing in global price and supply pressures during December

Key findings

Global price pressures dips to 30-month low (index at 0.3)

Reports of supply shortages fall to lowest level since October 2020 (index at 2.2)

Greater number of reports of higher energy and gas prices

Data were collected 5-20 December.

The Global PMI™ Commodity Price & Supply Indicators by S&P Global indicated a sustained softening in price and supply pressures across the global manufacturing sector in the final month of 2022.

Falling for the third month in a row, the Global Price Pressures Index dropped to its lowest level in two-and-a-half years during December (0.3). Only eight of the 26 monitored commodities registered an increase in the number of higher price reports. Notably, the steepest increases were seen for gas and electricity.

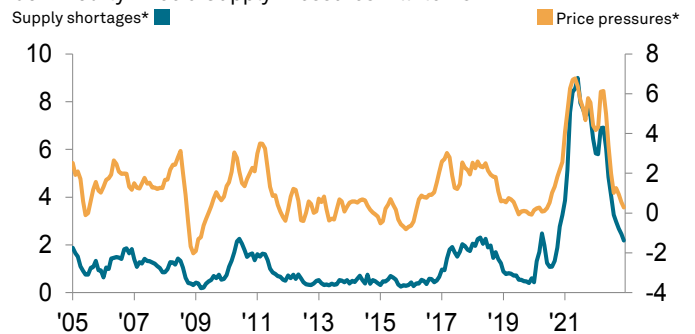
In line with the picture for prices, the Global Supply Shortages Index declined for the eighth consecutive month to reach a 26-month low. Just four of the 20 monitored commodities saw supply pressures worsen during December - PVC, food, copper, and iron. Meanwhile, firms saw a notable improvement in transport availability, with reports of freight shortages down to the lowest since October 2020.

Commenting on the latest results, Laura Denman at S&P Global Market Intelligence said:

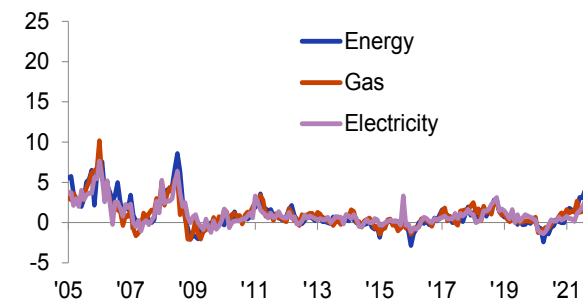
"The picture for global price and supply pressures brightened further in the final month of 2022. In fact, the Global Price Pressures Index posted at its lowest reading since June 2020, as most monitored commodities registered a decline in the volume of higher price reports. That said, gas and electricity were two of the eight commodities to report a worsening of price pressures at the end of the year, given the ongoing war in Ukraine and the especially high demand for the two commodities throughout the winter months in the northern hemisphere.

"In terms of supply, the respective index dropped for an eighth successive month to reach a 26-month low. The easing was led by a sharp reduction in reports of supply shortages for transport, which fell to the lowest level since late 2020."

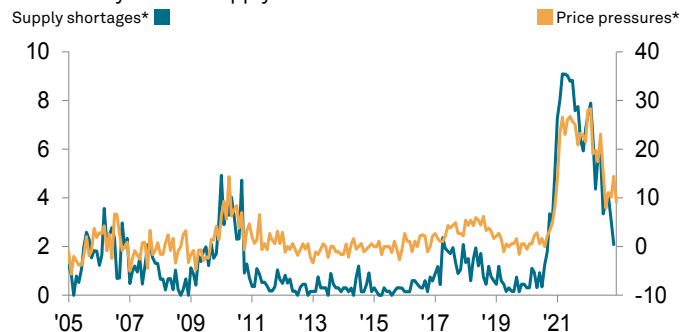
Commodity Price & Supply Pressures: All Items



Global Price Pressures Index: Energy, Oil and Electricity



Commodity Price & Supply Pressures: Semiconductors



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.

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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.