

News Release

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IHS MARKIT GLOBAL SECTOR PMI™

Broad-based decline in manufacturing output in June

KEY FINDINGS

Six manufacturing sub-sectors register falling output in June

Strongest declines seen in autos and metals

Transportation registers fastest growth in business activity

Global Sector PMI indices are compiled from responses to questionnaires sent to purchasing managers in IHS Markit's global PMI survey panels, covering over 27,000 private sector companies in more than 40 countries.

Indices are available for the basic materials, consumer goods, consumer services, financials, healthcare, industrials, technology and telecommunication services industry groups, and sub-sectors of these groups.

June survey data signalled a broad-based decline in global manufacturing output. Six manufacturing sub-sectors registered contractions, led by **metals & mining** and **automobiles & auto parts**. Both sectors have seen output decline every month since last October.

Technology equipment, industrial goods, forestry & paper products and **chemicals** also posted lower production in June. The only manufacturing areas to register expansions were **beverages & food** and **household & personal use products**, although the latter saw only marginal growth.

Three further sectors saw broadly no change in activity in June, namely **media, pharmaceuticals & biotechnology** and **telecommunication services**.

The fastest rates of expansion in business activity in June were in **transportation, banks** and **other financials**. Solid increases were also seen in **software & services** and **tourism & recreation**.

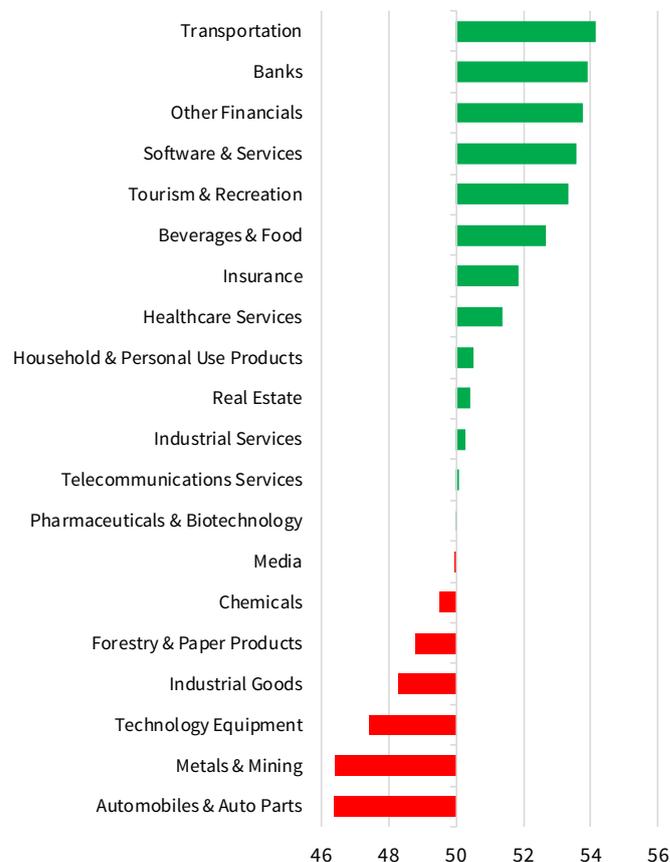
Global Automobiles & Auto Parts Output Index

sa, >50 = growth since previous month



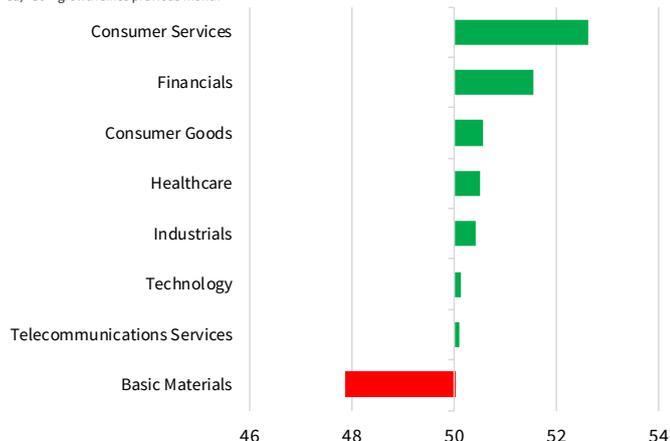
Output Index, Jun '19

sa, >50 = growth since previous month



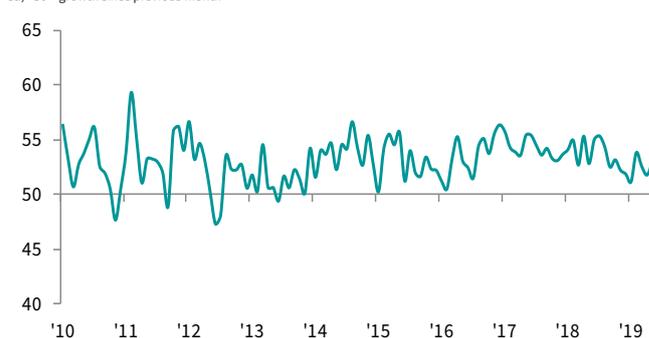
Output Index, Jun '19

sa, >50 = growth since previous month



Global Banks Business Activity Index

sa, >50 = growth since previous month



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Methodology

The IHS Markit Global Sector PMI™ indices are compiled by IHS Markit from responses to questionnaires sent to purchasing managers in IHS Markit's global PMI survey panels, covering over 27,000 private sector companies in more than 40 countries.

IHS Markit maps individual company responses to industry sectors according to standard industry classification (SIC) codes. Global Sector PMI indices are available for the basic materials, consumer goods, consumer services, financials, healthcare, industrials, technology and telecommunication services industry groups, and sub-sectors of these groups.

Survey responses are collected in the second half of each month and indicate the direction of change compared to the previous month. Survey responses are weighted by country of origin, based on sectoral gross value added. A diffusion index is calculated for each survey variable. The index is the sum of the percentage of 'higher' responses and half the percentage of 'unchanged' responses. The indices vary between 0 and 100, with a reading above 50 indicating an overall increase compared to the previous month, and below 50 an overall decrease. The indices are then seasonally adjusted.

For manufacturing sectors, the headline figure is the Purchasing Managers' Index™ (PMI). The PMI is a weighted average of the following five indices: New Orders (30%), Output (25%), Employment (20%), Suppliers' Delivery Times (15%) and Stocks of Purchases (10%). For the PMI calculation the Suppliers' Delivery Times Index is inverted so that it moves in a comparable direction to the other indices.

For services sectors, or sectors covering both manufacturing and services, the headline figure is the Business Activity Index. This is a diffusion index calculated from a question that asks for changes in the volume of business activity or output compared with one month previously.

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

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IHS Markit (NYSE: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 business and government customers, including 80 percent of the Fortune Global 500 and the world's leading financial institutions.

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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. To learn more go to ihsmarkit.com/products/pmi.html.

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