

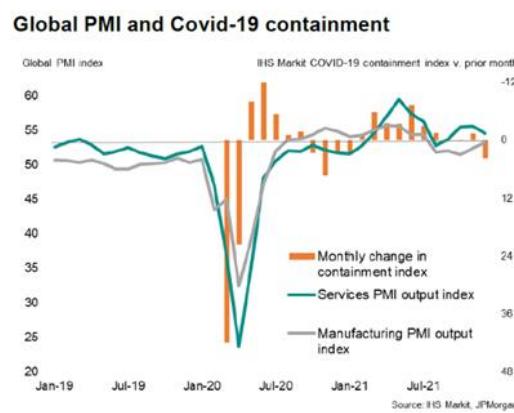
Monthly PMI bulletin

Global supply chain disruptions ease even as Omicron variant hits

Monthly summary

The global economy expanded for an eighteenth straight month in December, according to the JPMorgan Global PMI™ (compiled by IHS Markit). The **rate of expansion eased to a three-month low**, however, as a surge in COVID-19 cases globally weighed on service sector performance.

Both manufacturing and service sectors expanded in December, although services business activity growth eased to a three-month low. **A renewed rise in COVID-19 cases, fuelled by the spread of the more infectious Omicron variant**, led to increased restrictions (both imposed and voluntary). This implicated the service sector performance in December, particularly for those dependent on face-to-face interactions. That said, services output growth continued to surpass that of manufacturing for a ninth successive month.



Meanwhile, manufacturers reported that **constraints on production eased**, which had been a positive sign. **Supplier delivery delays eased while price pressures cooled** in December, though supply issues remained a significant drag on production globally. The risk remains that the more

infectious Omicron variant spread can further aggravate growth and supply chain issues, making it a key unknown to monitor going into 2022.

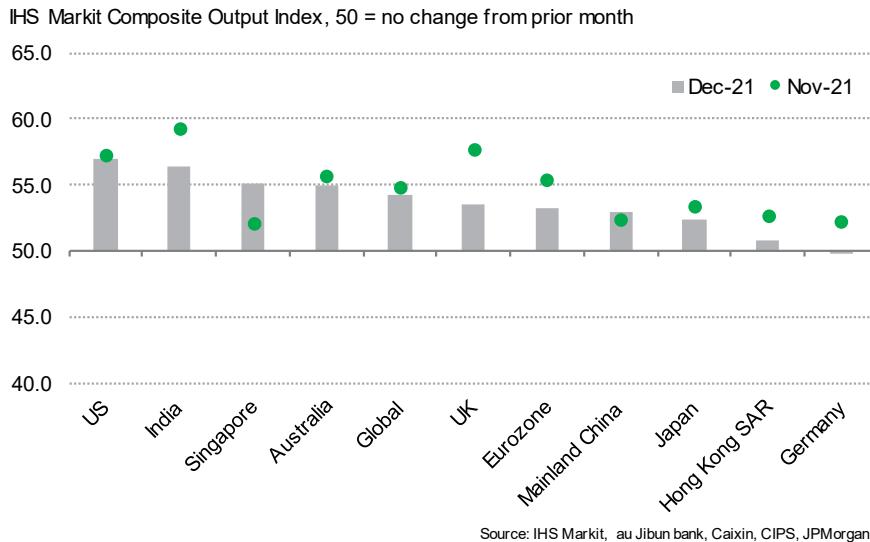
In short, our **key takeaways** from the December PMI are:

- 1) rising COVID-19 infectious exerted renewed pressure on service sector performance with the case growth yet to plateau at end-2021;
- 2) supply chain issues have shown nascent signs of easing but remain at risk of re-aggravation if the new COVID-19 wave prove to be significantly destructive to supply chain operations.

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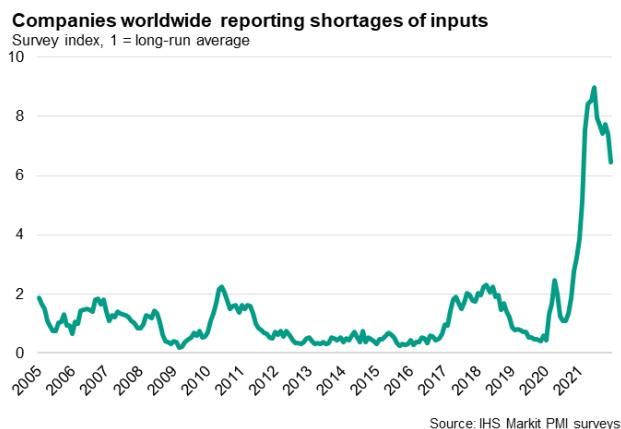
Regional comparisons



The Good, the Bad and the Ugly

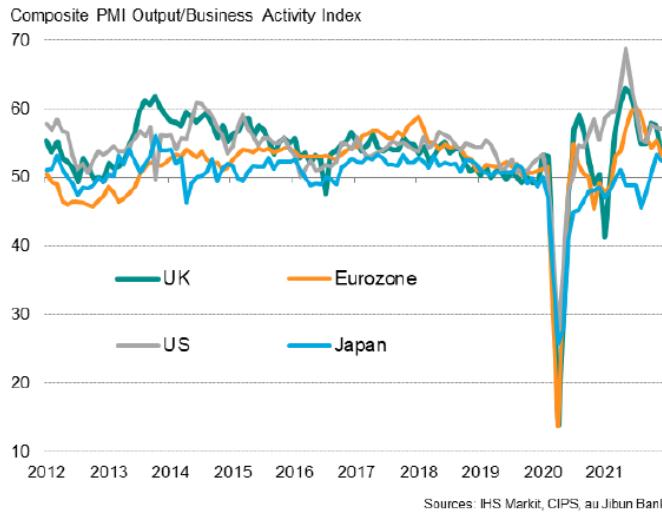
Key PMI developments

The Good: Supply chain issues sprout green shoots of easing



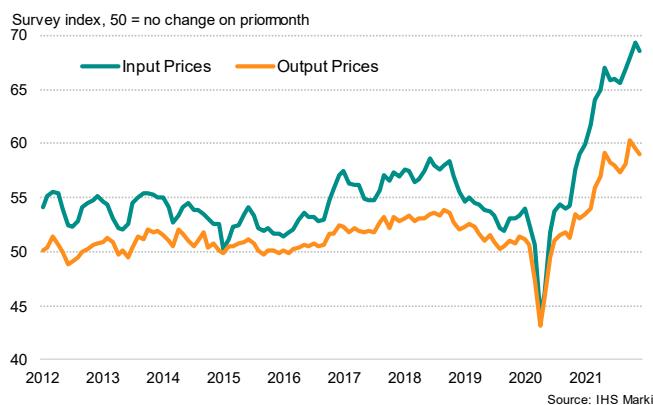
- Although ongoing production issues continued to pose a drag on production in many cases, December's PMI data showed early signs of easing supply chain constraints.
- An acceleration of global manufacturing production in December had been accompanied by the easing of supplier delivery delays for a second successive month while input price inflation likewise eased for a second month running.
- Moreover, the number of global factories reporting lower output due to material or staff shortages slipped further from the October peak which in turn saw the incidence of safety stock building – another key contributor to the ongoing demand-supply imbalance – cooling from November's all-time high. [\[Link\]](#)

The Bad: Global growth slows amid Omicron variant spread



- Global economic growth slowed in the final month of 2021 as COVID-19 cases rose, particularly in North America and European countries, in turn seeing services business activity hampered as both imposed and voluntary restrictions were undertaken. [\[Link\]](#)
- While many Asia-Pacific countries largely saw growth momentum easing from the recent peak in December, a result of the recovery from the Delta wave, some such as Australia went on to register fresh record number of cases, thus foreshadowing greater Omicron impact on the economy moving into 2022.

The Ugly: Risk of renewal of price pressures amid Omicron wave



- Despite the easing of price pressures, global input and output price inflation remained elevated by historical standards.
- While the easing of price pressures ought to be a positive sign, the latest developments surrounding the spread of the more infectious COVID-19 Omicron variant and the resultant increase in restrictions pose renewed threats to supply chain and prices.
- Risks of increased inclination for monetary policy tightening by central banks around the world and amid a situation of slowing service sector growth spell of increased downside risks for global growth moving into 2022.

Global PMI heatmap

Manufacturing

		Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21
Global	Global												
North America	Canada												
	US												
South America	Brazil												
	Colombia												
	Mexico												
Europe	EU												
	Austria												
	Czech Republic												
	Denmark												
	France												
	Germany												
	Greece												
	Ireland												
	Italy												
	Netherlands												
	Poland												
	Spain												
	Switzerland												
	UK												
Asia Pacific	Australia												
	China (Mainland)												
	Hong Kong SAR*												
	India												
	Indonesia												
	Japan												
	Kazakhstan												
	Malaysia												
	Myanmar												
	New Zealand												
	Philippines												
	Russia												
	Singapore*												
	South Korea												
	Taiwan												
	Thailand												
Middle East	Vietnam												
	Israel												
	Lebanon*												
	Qatar*												
	Saudi Arabia*												
	Turkey												
Africa	UAE*												
	Ghana*												
	Kenya*												
	Mozambique*												
	Nigeria*												
	South Africa*												
	Uganda*												
	Zambia*												

*Whole economy or composite PMI used in the absence of manufacturing PMI

Source: IHS Markit and relevant sponsors

Manufacturing indices

- Output*
- New orders*
- New export orders
- Backlogs of work
- Employment*
- Input prices
- Output prices
- Future expectations
- Quantity of purchases
- Suppliers' delivery times*
- Stocks of purchases*
- Stocks of finished goods

*PMI components

Services indices

- Business activity
- New business
- New export orders
- Outstanding business
- Employment
- Input costs
- Prices charged
- Future expectations

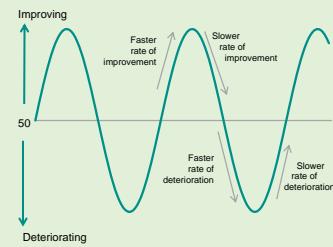
Composite indices

- Output/business activity
- New business
- New export orders
- Outstanding business
- Employment
- Input costs
- Output prices
- Future expectations

Read more about the headline PMI™ and its subindices [here](#).

Key:

Improving at a faster rate	
Improving at a slower rate	
At neutral 50.0 mark	
Deteriorating at a slower rate	
Deteriorating at a faster rate	



To receive underlying PMI data, please contact:

economics@ihsmarkit.com

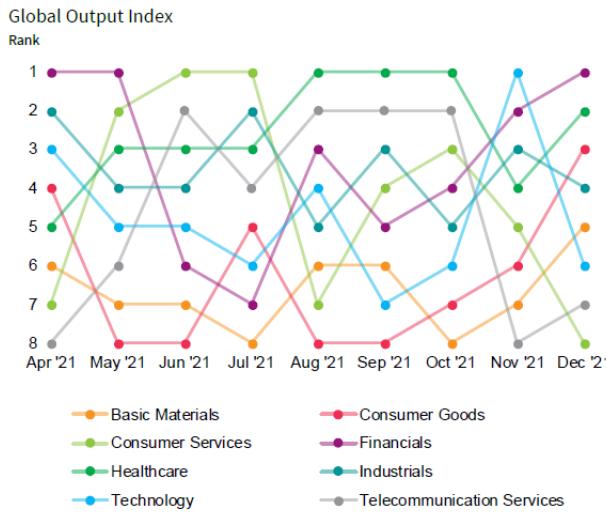
Services

		Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21	Jul'21	Aug'21	Sep'21	Oct'21	Nov'21	Dec'21
Global	Global												
	US												
Americas	Brazil												
Europe	EU												
	France												
	Germany												
	Ireland												
	Italy												
	Spain												
	UK												
Asia Pacific	Australia												
	China (Mainland)												
	India												
	Japan												
	Kazakhstan												
	Russia												

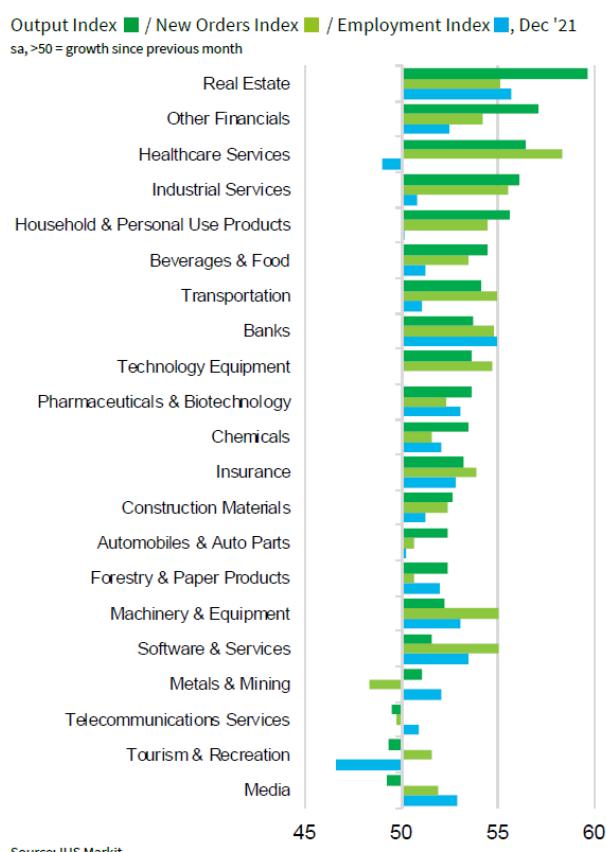
Source: IHS Markit and relevant sponsors

Global Sector PMI

Financials climbed to the top spot in the global sector output ranking in December, followed by Healthcare. Consumer Services was the worst performing sector amid the surge in COVID-19 cases worldwide.



Sub-sector data indicated that the Real Estate sector was the fastest-growing sector for the first time since May 2021 while the Automobiles & Auto Parts sector saw the first output growth since July 2021.



For more global sector PMI details, please visit [here](#).

Recent PMI and economic analysis from IHS Markit

Global	Global economic growth hit by Omicron but supply tensions ease	7-Jan	Chris Williamson
	Global manufacturing production growth accelerates at end of 2021 as supply disruptions show signs of easing, price pressure cools	5-Jan	Chris Williamson
	IHS Markit flash PMIs signal slowing economic growth momentum in December, supply constraints broadly ease	16-Dec	Jingyi Pan
	Global economic conditions turn unfavourable for emerging markets	14-Dec	Joseph Hayes
	A Tale of Two Currencies: Turkish lira and Zambian kwacha	13-Dec	Andrew Harker
	Brazil in recession, outlook clouded by interest rate hikes and mounting inflationary pressures	9-Dec	Pollyanna De Lima
	Monthly PMI Bulletin: December 2021	7-Dec	Chris Williamson, Jingyi Pan
	Global manufacturing buoyed by rising Asian output, but supply shortage and price gauges hold close to recent highs	1-Dec	Chris Williamson
	PMI surveys: how not to mis-measure manufacturing output	26-Nov	Chris Williamson
	US consumer goods producers report highest capacity constraints	7-Dec	Jingyi Pan
US	UK Flash PMI signals economic slowdown as Omicron hits service sector, inflation peak in sight as price pressures cool	16-Dec	Chris Williamson
	Eurozone growth at nine-month low in December as fourth COVID-19 wave hits, price pressures and supply constraints ease	16-Dec	Chris Williamson
	A solid-looking Eurozone PMI headline reading masks disappointing production growth as factories struggle with supply shortages	1-Dec	Chris Williamson
	UK Flash PMI points to sustained robust output and jobs growth in November, but firms' costs again rise at record rate	23-Nov	Chris Williamson
	Faster Eurozone economic upturn marred by record inflationary pressures and COVID-19 worries	23-Nov	Chris Williamson
APAC	Australia economy expands at faster rate as restrictions ease, but price pressures persist as costs surge higher	23-Nov	Jingyi Pan
	Weekly Pricing Pulse: Natural gas price decline outweighs broader price strength	6-Jan	Thomas McCartin
Commodities			

For PMI use-case illustrations, visit our [use-case library](#).

Release calendar

UTC	Local	Product		
23 Jan 22:00	24 Jan 09:00	UTC+11	AEDT	Flash Australia PMI*
24 Jan 00:30	24 Jan 09:30	UTC+9	JST	Flash Japan PMI*
24 Jan 08:15	24 Jan 09:15	UTC+1	CET	Flash France PMI*
24 Jan 08:30	24 Jan 09:30	UTC+1	CET	Flash Germany PMI*
24 Jan 09:00	24 Jan 10:00	UTC+1	CET	Flash Eurozone PMI*
24 Jan 09:30	24 Jan 09:30	UTC	GMT	Flash UK PMI*
24 Jan 14:45	24 Jan 09:45	UTC-5	EST	Flash US PMI*
27 Jan 09:00	27 Jan 10:00	UTC+1	CET	Austria Manufacturing PMI
28 Jan 00:30	28 Jan 08:30	UTC+8	CST	Taiwan Manufacturing PMI
28 Jan 00:30	28 Jan 07:30	UTC+7	ICT	Vietnam Manufacturing PMI
30 Jan 01:45	30 Jan 09:45	UTC+8	CST	China General Manufacturing PMI
31 Jan 22:00	01 Feb 09:00	UTC+11	AEDT	Australia Manufacturing PMI
01 Feb 00:30	01 Feb 07:00	UTC+6.5	MMT	Myanmar Manufacturing PMI
01 Feb 00:30	01 Feb 09:30	UTC+9	JST	Japan Manufacturing PMI
01 Feb 00:30	01 Feb 07:30	UTC+7	ICT	Thailand Manufacturing PMI
01 Feb 01:01	01 Feb 01:01	UTC	GMT	Ireland Manufacturing PMI
01 Feb 05:00	01 Feb 10:30	UTC+5.5	IST	India Manufacturing PMI
01 Feb 06:00	01 Feb 09:00	UTC+3	MSK	Russia Manufacturing PMI
01 Feb 06:00	01 Feb 12:00	UTC+6	ALMT	Kazakhstan Manufacturing PMI
01 Feb 07:00	01 Feb 10:00	UTC+3	TRT	Turkey Manufacturing PMI
01 Feb 08:00	01 Feb 09:00	UTC+1	CET	Netherlands Manufacturing PMI
01 Feb 08:00	01 Feb 09:00	UTC+1	CET	Poland Manufacturing PMI
01 Feb 08:15	01 Feb 09:15	UTC+1	CET	Spain Manufacturing PMI
01 Feb 08:30	01 Feb 09:30	UTC+1	CET	Czech Republic Manufacturing PMI
01 Feb 08:45	01 Feb 09:45	UTC+1	WAT	Nigeria PMI
01 Feb 08:45	01 Feb 09:45	UTC+1	CET	Italy Manufacturing PMI
01 Feb 08:50	01 Feb 09:50	UTC+1	CET	France Manufacturing PMI
01 Feb 08:55	01 Feb 09:55	UTC+1	CET	Germany Manufacturing PMI
01 Feb 09:00	01 Feb 11:00	UTC+2	EET	Greece Manufacturing PMI
01 Feb 09:00	01 Feb 10:00	UTC+1	CET	Eurozone Manufacturing PMI
01 Feb 09:30	01 Feb 09:30	UTC	GMT	UK Manufacturing PMI
01 Feb 13:00	01 Feb 10:00	UTC-3	BRT	Brazil Manufacturing PMI
01 Feb 14:30	01 Feb 09:30	UTC-5	EST	Canada Manufacturing PMI
01 Feb 14:45	01 Feb 09:45	UTC-5	EST	US Manufacturing PMI
01 Feb 15:00	01 Feb 10:00	UTC-5	COT	Colombia Manufacturing PMI
01 Feb 15:30	01 Feb 09:30	UTC-6	CST	Mexico Manufacturing PMI
01 Feb 16:00	01 Feb 11:00	UTC-5	EST	Global Manufacturing PMI
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03 Feb 00:30	03 Feb 09:30	UTC+9	JST	Japan Services PMI*
03 Feb 01:01	03 Feb 01:01	UTC	GMT	Ireland Services PMI*
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03 Feb 04:15	03 Feb 06:15	UTC+2	EET	Egypt PMI
03 Feb 04:15	03 Feb 08:15	UTC+4	GST	United Arab Emirates PMI
03 Feb 05:00	03 Feb 10:30	UTC+5.5	IST	India Services PMI*
03 Feb 06:00	03 Feb 09:00	UTC+3	MSK	Russia Services PMI*
03 Feb 06:00	03 Feb 09:00	UTC+3	EAT	Uganda PMI
03 Feb 06:00	03 Feb 12:00	UTC+6	ALMT	Kazakhstan Services PMI*
03 Feb 07:15	03 Feb 09:15	UTC+2	SAST	South Africa PMI
03 Feb 07:30	03 Feb 10:30	UTC+3	EAT	Kenya PMI
03 Feb 08:15	03 Feb 09:15	UTC+1	CET	Spain Services PMI*
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03 Feb 08:45	03 Feb 09:45	UTC+1	CET	Italy Services PMI*
03 Feb 08:50	03 Feb 09:50	UTC+1	CET	France Services PMI*
03 Feb 08:55	03 Feb 09:55	UTC+1	CET	Germany Services PMI*
03 Feb 09:00	03 Feb 12:00	UTC+3	AST	Qatar PMI
03 Feb 09:00	03 Feb 10:00	UTC+1	CET	Eurozone Services PMI*
03 Feb 09:00	03 Feb 11:00	UTC+2	EET	Lebanon PMI
03 Feb 09:00	03 Feb 09:00	UTC	GMT	Ghana PMI
03 Feb 09:30	03 Feb 09:30	UTC	GMT	UK Services PMI*
03 Feb 13:00	03 Feb 10:00	UTC-3	BRT	Brazil Services PMI*
03 Feb 14:45	03 Feb 09:45	UTC-5	EST	US Services PMI*
03 Feb 14:45	03 Feb 09:45	UTC-5	EST	US Sector PMI
03 Feb 16:00	03 Feb 11:00	UTC-5	EST	Global Services PMI*
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04 Feb 08:30	04 Feb 09:30	UTC+1	CET	Italy Construction PMI
04 Feb 08:30	04 Feb 09:30	UTC+1	CET	France Construction PMI
04 Feb 08:30	04 Feb 09:30	UTC+1	CET	Germany Construction PMI
04 Feb 08:30	04 Feb 09:30	UTC+1	CET	Eurozone Construction PMI
04 Feb 08:30	04 Feb 08:30	UTC	GMT	Ireland Construction PMI
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07 Feb 01:45	07 Feb 09:45	UTC+8	CST	China General Services PMI*
07 Feb 01:45	07 Feb 09:45	UTC+8	HKT	Asia Sector PMI

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07 Feb 09:00	07 Feb 09:00	UTC	GMT	Global Steel Users PMI
07 Feb 09:30	07 Feb 09:30	UTC	GMT	Global Electronics PMI
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09 Feb 04:15	09 Feb 08:15	UTC+4	GST	Dubai PMI
10 Feb 01:01	10 Feb 01:01	UTC	GMT	UK & English Regions Report on Jobs
10 Feb 01:01	10 Feb 01:01	UTC	GMT	Scotland Report on Jobs
14 Feb 00:01	14 Feb 00:01	UTC	GMT	UK Regional PMI

Notes

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Dates are provisional and subject to change. *includes composite manufacturing and services PMI.

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