

# AIB Ireland Manufacturing PMI®

## Irish manufacturing rebounds in July

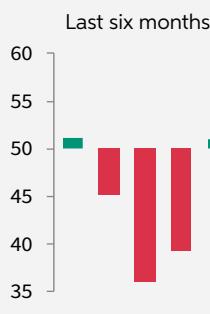
### Key Findings

**Strongest rise in output since December 1999**

**Rapid expansion in new orders**

**Employment rises for first time since January**

### Ireland Manufacturing PMI



The Irish manufacturing sector rebounded strongly at the start of the second half of 2020 as lockdown restrictions continued to be lifted and demand returned, July PMI® data from AIB indicated. Output and new orders both expanded at some of the fastest rates ever recorded by the survey, while employment, purchasing and backlogs also rose since June. That said, the 12-month outlook remained relatively subdued as firms continued to adjust to new market conditions.

Commenting on the survey results, Oliver Mangan, AIB Chief Economist, said:

*"The sharp rise in the AIB Irish Manufacturing PMI to 57.3 in July from 51.0 in June and 39.2 in May is clear evidence of a marked improvement in business conditions in the sector as Covid-19 lockdown restrictions are gradually lifted, both here and abroad."*

*"The headline index has climbed to its highest level since August 2018. It should be noted, though, that the PMI is not an indication of the level of activity but rather the month-on-month change. Thus, the strong reading for July points to a sharp pick-up in activity, but from a low base in previous months during the lockdown period."*

*"The big jump in the index to 57.3 is clearly good news, which was reinforced by the survey details. There was a near record rise in production in July, with the output index surging to 61.1. This was driven by*

*very strong growth in both domestic and overseas orders, with firms reporting that markets were opening up again as Covid-19 restrictions are lifted."*

*"The marked pick-up in orders and activity saw both employment and purchases of inputs increase for the first time since January, while work backlogs rose for the first time in almost two years. There were also notable pick-ups in both input and output prices, which had been under downward pressure since March. Firms remain cautiously optimistic on the 12-month outlook."*

*"The improvement in the Irish data is in line with the trend in other countries. The flash readings for the Eurozone and UK July manufacturing PMIs also saw large rises to 51.1 and 53.6, respectively, as economies re-open for business."*

Manufacturing PMI  
sa, >50 = improvement since previous month



## Overview

The headline AIB Ireland Manufacturing PMI® is a composite single-figure indicator of manufacturing performance. It is derived from indicators for new orders, output, employment, suppliers' delivery times and stocks of purchases. Any figure greater than 50.0 indicates overall improvement of the sector.

The PMI surged to 57.3 in July, from 51.0 in June, signalling the strongest overall improvement in manufacturing business conditions since August 2018. The 6.3-point rise in the PMI was less than in June but still the second-largest on record – the next-highest was a 4.4-point gain in March 2010. The latest PMI reading was the eleventh-highest on record since the series began in May 1998, and well above the long-run trend level of 51.8.

Driving the overall upturn in the sector were historically strong increases in output and new orders. Production rose at the fastest rate since December 1999, with the seasonally adjusted index registering the third-highest reading on record. Similarly, new order growth was the strongest since December 2017 and the fourth-sharpest in the survey history.

New export orders increased at the fastest rate since November 2017, in a sign that international markets were recovering. Panellists frequently mentioned improved demand conditions in European markets, including the UK and Netherlands.

In a sign of returning pressure on capacity, backlogs of work rose in July. This ended a 22-month period of falling backlogs, the longest sequence in nearly seven years.

Firms remained confident of growth of output

over the next 12 months, with sentiment underpinned by renewed growth of new orders and higher backlogs in July. That said, output expectations remained weak in the context of the eight-year series trend, reflecting uncertainty over the post-pandemic business environment and renewed Brexit concerns.

With new orders rising rapidly, manufacturers expanded their workforces for the first time since January. The rate of job creation was broadly in line with the long-run survey average.

Purchasing activity also increased for the first time since the economy was locked down. The volume of inputs ordered rose for only the third time in the past 15 months. The rate of expansion was, however, much slower than that for production, as firms continued to run down excess stocks of inputs. Inventories of inputs fell for the ninth month running, albeit at a slower rate than in June.

Although purchasing activity rose in July, supplier performance was the best in five months as supply chains suffered less disruption than during the most severe lockdowns. Times continued to lengthen markedly overall, however.

Renewed demand for manufacturing inputs was reflected in data on prices in July. Cost burdens rose for the first time in five months, and at the strongest rate since April 2019. This trend was reflected in prices charged for finished goods, which also increased for the first time since February and at the fastest rate since March 2019.



## Output Index



Manufacturing output in Ireland expanded at one of the fastest rates on record in July, following June's tentative rise. Since the survey began in May 1998, only two periods – November 1999 and December 1999 – have seen stronger month-on-month growth in production. Firms widely reported the opening up of markets and lifting of COVID-19 restrictions.

Output Index  
sa, >50 = growth since previous month



## New Orders Index



July saw a rapid acceleration in growth of new business at Irish manufacturers as businesses reopened and pent up demand was released.

The rate of expansion was the fastest since December 2017, and the second-strongest since June 1998.

New Orders Index  
sa, >50 = growth since previous month



## New Export Orders Index



New export orders rose for the second month running in July, and at the strongest rate since November 2017. The pace of expansion was among the strongest on record but below that for total new work, suggesting that international markets were comparatively more restricted than domestic markets.

New Export Orders Index  
sa, >50 = growth since previous month



## Backlogs of Work Index

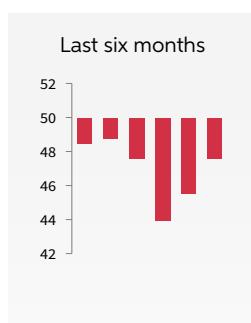


The seasonally adjusted Backlogs of Work Index rose above the crucial 50.0 no-change mark in July, signalling pressure on manufacturing capacity. The 9.5-point rise in the Index was the largest recorded since the series began in September 2002. Previously, backlogs had declined every month since September 2018.

Backlogs of Work Index  
sa, >50 = growth since previous month

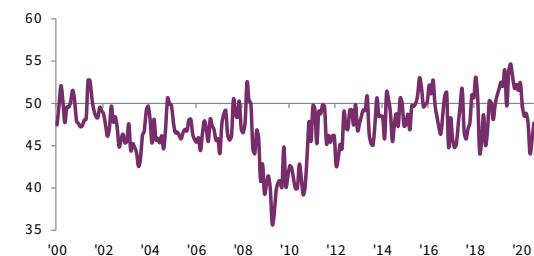


## Stocks of Finished Goods Index



Manufacturers depleted their inventories of finished goods for the seventh month running in July. This was the joint-longest period of decline for over seven years. Firms reported partly meeting demand from existing stock, and adjusting inventories to the current situation. That said, the rate of depletion was the slowest since April.

Stocks of Finished Goods Index  
sa, >50 = growth since previous month



## Employment Index

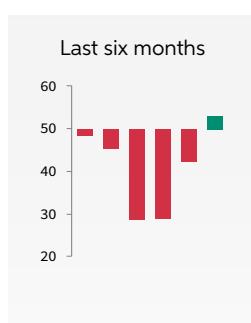


Irish manufacturers added to their workforces in July as demand improved and production was ramped up. Staff numbers had previously contracted throughout the previous five months, the longest sequence of job shedding in nearly a decade. The rate of growth in July was only modest overall, but slightly stronger than the average for the second half of 2019.

Employment Index  
sa, >50 = growth since previous month



## Quantity of Purchases Index

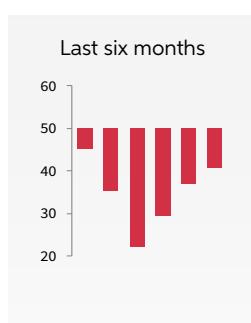


With new orders and output both rising at historically marked rates in July, manufacturers expanded their purchasing operations for the first time since January. The rate of expansion was the strongest since April 2019, but well below that seen for production as firms continued to run down inventories of inputs. Nevertheless, the growth rate was stronger than the long-run survey average.

Quantity of Purchases Index  
sa, >50 = growth since previous month



## Suppliers' Delivery Times Index



Supply chains remained restricted by lockdown measures in July, with input delivery times lengthening markedly. Longer times also reflected renewed demand for inputs by manufacturers.

That said, the overall extent of delays was the least severe since February. One-quarter of firms reported longer times in July, compared with a peak of 58% in April.

Suppliers' Delivery Times Index  
sa, >50 = faster times since previous month



## Stocks of Purchases Index



Manufacturers continued to reduce their inventories of inputs in July, despite a marked rise in new orders and an increase in purchasing activity. Firms reported using stocks in production. Stocks of purchases fell for the ninth successive month, albeit at a slower rate than in June.

Stocks of Purchases Index  
sa, >50 = growth since previous month



## Input Prices Index



Increased demand for raw materials and other production inputs contributed to rising cost pressure in July. The seasonally adjusted Input Prices Index rose above 50.0 for the first time in five months, and signalled the strongest rate of input cost inflation since April 2019. Moreover, the 5.9-point rise in the Index was the largest observed in over four years. That said, it remained below its long-run average of 56.6.

Input Prices Index  
sa, >50 = inflation since previous month

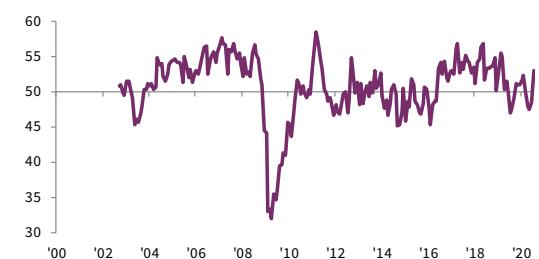


## Output Prices Index



In line with the trend for input prices, factory gate prices rose for the first time in five months in July as manufacturers partially passed on higher costs to customers. The rate of output price inflation was the strongest since March 2019, and above the long-run series average. Moreover, the 4.5-point rise in the seasonally adjusted Output Prices Index was the fourth-largest on record.

Output Prices Index  
sa, >50 = inflation since previous month

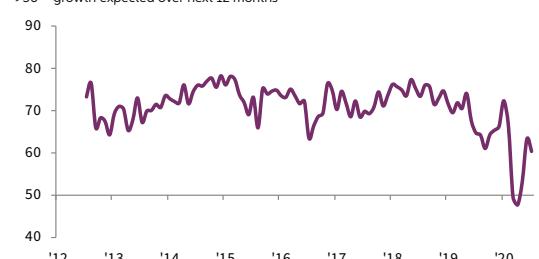


## Future Output Index



Irish goods producers remained optimistic of higher output in 12 months' time at the start of the second half of 2020. Around 40% of survey respondents expect growth, compared with 20% predicting a decline by July 2021. The overall strength of sentiment eased since June, however, and remained subdued in the context of the eight-year series history.

Future Output Index  
>50 = growth expected over next 12 months



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## Methodology

The AIB Ireland Manufacturing PMI® is compiled by IHS Markit from responses to questionnaires sent to purchasing managers in a panel of around 250 manufacturers. The panel is stratified by detailed sector and company workforce size, based on contributions to GDP.

Survey responses are collected in the second half of each month and indicate the direction of change compared to the previous month. 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.

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.

Underlying survey data are not revised after publication, but seasonal adjustment factors may be revised from time to time as appropriate which will affect the seasonally adjusted data series.

Data were collected 13-24 July 2020.

For further information on the PMI survey methodology, please contact [economics@ihsmarkit.com](mailto:economics@ihsmarkit.com).

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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.

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