Nikkei Flash Japan Manufacturing PMI®

Stronger employment growth lifts PMI, but export demand continues to falter

Key points:
- Flash Japan Manufacturing PMI® at 49.5, third straight month below the 50.0 no-change mark
- Weaker demand from domestic and international markets persists, leading output to fall further…
- …but manufacturing employment remains resilient

Data collected 10 – 16 April.

Today sees the latest public release of the Nikkei Flash Japan Manufacturing Purchasing Managers’ Index™ (PMI®). Published on a monthly basis approximately one week before final PMI data are released, this makes the PMI the earliest available indicator of manufacturing sector operating conditions in Japan. The estimate is typically based on approximately 85%–90% of total PMI survey responses each month and is designed to provide an accurate indication of final PMI data.

Flash Japan Manufacturing PMI® Summary

<table>
<thead>
<tr>
<th>PMI</th>
<th>Decline, slower rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>Decrease, slower rate</td>
</tr>
<tr>
<td>New Orders</td>
<td>Decrease, lower rate</td>
</tr>
<tr>
<td>New Export Orders</td>
<td>Decrease, faster rate</td>
</tr>
<tr>
<td>Employment</td>
<td>Increase, faster rate</td>
</tr>
<tr>
<td>Backlogs of Work</td>
<td>Decrease, unchanged pace</td>
</tr>
<tr>
<td>Output Prices</td>
<td>Increase, softer rate</td>
</tr>
<tr>
<td>Input Prices</td>
<td>Increase, stronger rate</td>
</tr>
<tr>
<td>Stocks of Purchases</td>
<td>Decline, change of direction</td>
</tr>
<tr>
<td>Stocks of Finished Goods</td>
<td>Decrease, slower pace</td>
</tr>
<tr>
<td>Quantity of Purchases</td>
<td>Decrease, faster rate</td>
</tr>
<tr>
<td>Suppliers’ Delivery Times</td>
<td>Lengthened, quicker rate</td>
</tr>
<tr>
<td>Future Expectations</td>
<td>Positive, stronger optimism</td>
</tr>
</tbody>
</table>

Comment:
Commenting on the Japanese Manufacturing PMI survey data, Joe Hayes, Economist at IHS Markit, which compiles the survey, said:

“Japan’s manufacturing sector remained stuck in its rut at the start of Q2, with the factors which have prohibited any growth such as US-Sino relations, growth fears in China and the turn in the global trade cycle, all remaining prominent risks. Export orders dipped at a stronger rate in April, domestic demand for goods was similarly weak and firms cut their stocks and scaled back production. Yet again, the service sector will need to pick up any slack to help keep Japan’s economy afloat.”

-Nikkei Flash Japan Manufacturing PMI
sa, 50 = no change on previous month
Purchasing Managers’ Index (PMI)

Ends-
Sources: Nikkei, IHS Markit
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Note to Editors:

Final April data are published on May 7th.

The Nikkei Japan Manufacturing PMI® is based on data compiled from monthly replies to questionnaires sent to purchasing executives in over 400 industrial companies. The panel is stratified by Standard Industrial Classification (SIC) group, based on the industry contribution to GDP. The manufacturing sector is divided into the following 8 broad categories: Basic Metals, Chemicals & Plastics, Electrical & Optical, Food & Drink, Mechanical Engineering, Textiles & Clothing, Timber & Paper, and Transport. The flash estimate is based on around 85% of total PMI survey responses each month and is designed to provide an accurate advance indication of the final PMI data.

The average differences between the flash and final PMI index values (final minus flash) since comparisons were first available in January 2008 are as follows (differences in absolute terms provide the better indication of true variation while average differences provide a better indication of any bias):

<table>
<thead>
<tr>
<th>Index</th>
<th>Average difference</th>
<th>Average difference in absolute terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japanese Manufacturing PMI(1)</td>
<td>0.0</td>
<td>0.3</td>
</tr>
<tr>
<td>Japanese Manufacturing Output Index(2)</td>
<td>0.0</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Survey responses reflect the change, if any, in the current month compared to the previous month based on data collected mid-month. For each of the indicators the ‘Report’ shows the percentage reporting each response, the net difference between the number of higher/better responses and lower/worse responses, and the ‘diffusion’ index. This index is the sum of the positive responses plus a half of those responding ‘the same’. Diffusion indexes have the properties appropriate which will affect the seasonally adjusted data series. Historical data relating to the underlying (unadjusted) numbers, first published seasonally adjusted series and subsequently revised data are available to subscribers from IHS Markit. Please contact economics@ihsmarkit.com.

Notes:

1. The Manufacturing PMI is a composite index based on a weighted combination of the following five survey variables (weights shown in brackets): new orders (0.3); output (0.25); employment (0.2); suppliers’ delivery times (0.15); stocks of materials purchased (0.1). The delivery times index is inverted.

2. The Manufacturing Output Index is based on the survey question “Is the level of production/output at your company higher, the same or lower than one month ago?”

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