

August 2024 Taiwan Manufacturing PMI

PMI at 53.6%

**New Orders Growing; Production Growing; Employment Growing
Supplier Deliveries Faster;
Inventories Contracting**

MANUFACTURING AT A GLANCE

August 2024

Index	Series Index Aug	Series Index Jul	Percentage Point Change	Direction	Rate of Change	Trend (Months)	Industries					
							C&M	Elec	F&T	Mt'ls	Trans	Mach
Taiwan Manufacturing PMI	53.6	52.2	+1.4	Growing	Faster	4	57.3	54.2	54.3	50.9	50.0	48.0
New Orders	56.7	53.9	+2.8	Growing	Faster	5	58.8	58.3	52.2	54.3	44.4	47.5
Production	57.4	53.9	+3.5	Growing	Faster	5	61.3	59.1	52.2	52.2	52.8	52.5
Employment	54.4	51.9	+2.5	Growing	Faster	4	55.0	56.1	60.9	51.1	47.2	47.5
Supplier Deliveries	49.5	52.1	-2.6	Faster	From Slowing	1	56.3	48.3	52.2	45.7	52.8	52.5
Inventories	49.9	49.0	+0.9	Contracting	Slower	18	55.0	49.1	54.3	51.1	52.8	40.0
Customers' Inventories	44.3	44.6	-0.3	Too Low	Faster	22	47.5	41.7	47.8	47.8	41.7	46.3
Prices	53.8	57.3	-3.5	Increasing	Slower	9	62.5	56.1	56.5	42.4	55.6	51.3
Backlog of Orders	49.4	47.6	+1.8	Contracting	Slower	3	50.0	50.9	43.5	46.7	50.0	51.3
New Export Orders	52.8	51.8	+1.0	Growing	Faster	6	51.3	57.4	50.0	46.7	50.0	45.0
Imports	50.0	49.4	+0.6	Unchanged	From Contracting	1	56.3	52.6	43.5	47.8	36.1	43.8
Future Outlooks	52.8	55.0	-2.2	Growing	Slower	7	58.8	55.7	50.0	46.7	44.4	48.8
Production Materials	38	39	-	-	-	-	36	41	49	43	21	25
MRO Supplies	35	35	-	-	-	-	29	35	52	43	22	28
Capital Expenditures	63	63	-	-	-	-	42	64	105	57	86	52

Chart 1: Time Series of Taiwan Manufacturing PMI

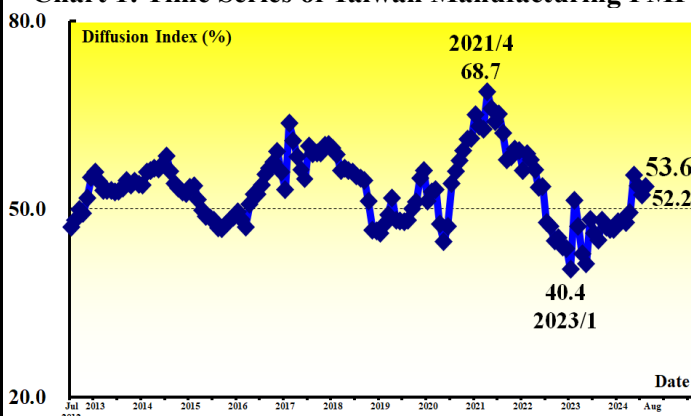
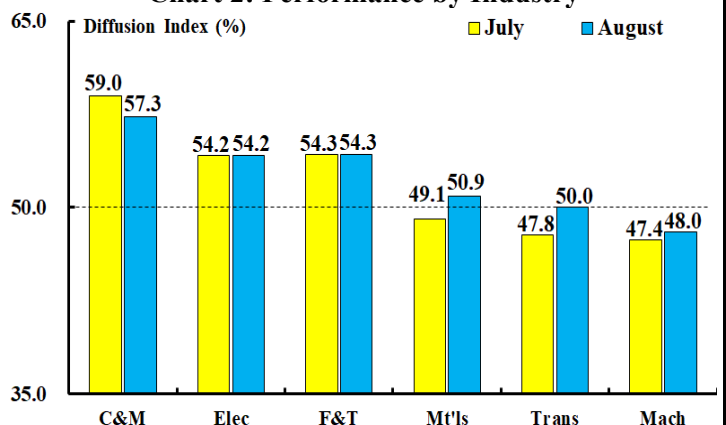


Chart 2: Performance by Industry



Summary

- The Taiwan manufacturing sector grew for four consecutive months as the seasonally adjusted Taiwan Manufacturing PMI increased 1.4 percentage points to 53.6 percent.
- Following two months of slowing growth, both the seasonally adjusted New Orders and Production Indexes increased 2.8 and 3.5 percentage points to 56.7 and 57.4 percent respectively.
- Manufacturers' employment grew for four consecutive months as the seasonally adjusted Employment Index further went up 2.5 percentage points to 54.4 percent, growing at the fastest rate since July 2022.
- The Supplier Deliveries Index further went down 2.6 percentage points and registered 49.5 percent in August, indicating the delivery performance of suppliers to manufacturing sectors was faster for the first time for the past five months.
- Manufacturing Inventories contracted for eighteen consecutive months while the Inventories Index increased 0.9 percentage point to 49.9 percent and contracted at the slowest rate since April 2023.
- Manufacturers reported their customers had insufficient inventories on hand for twenty-two consecutive months as the Customers' Inventories Index slightly went down 0.3 percentage point to 44.3 percent.
- Manufacturers experienced higher purchasing prices for the ninth consecutive month while the Prices Index further decreased 3.5 percentage points to 53.8 percent, the lowest level since January 2024.
- The Backlog of Orders Index went up 1.8 percentage points to 49.4 percent, contracting for the third consecutive month.
- The New Export Orders Index grew for six consecutive months and increased 1.0 percentage point to 52.8 percent.
- Manufacturers reported imports unchanged from the previous month as the Imports Index increased 0.6 percentage point to 50.0 percent in August.
- The Future Outlooks Index remained in growing but decelerated, as the index fell 2.2 percentage points to 52.8 percent, the lowest reading recorded since February 2024.
- Four among six manufacturing industries categories reported growth in the following order: Chemical, Biological & Medical (57.3%), Foods & Textiles (54.3%), Electronic & Optical (54.2%) and Basic Materials (50.9%). While Electrical & Machinery Equipment (48.0%) failed to grow. Only Transportation Equipment (50.0%) reported unchanged in August.

About this Report

This report is jointly issued by the National Development Council (NDC) – a cabinet-level ministry, the Chung-Hua Institution for Economic Research (CIER), and the Supply Management Institute, Taiwan (SMIT). CIER makes no representation, other than that stated within this release, regarding the individual company data collection procedures.

Data and Method of Presentation

The Survey is based on data compiled from monthly replies to questionnaires sent to manufacturing purchasing and supply executives in about 300 manufacturing companies. The panel has been carefully selected to accurately replicate the actual structure of the manufacturing economy, based on each industry's contribution to gross domestic product (GDP). The diffusion index includes the percent of positive responses plus one-half of those responding the same (considered positive). A PMI reading above 50 percent indicates that the manufacturing economy is generally expanding; below 50 percent indicates that it is generally decline. Responses to Buying Policy reflect the percent reporting the current month's lead time, the approximate weighted number of days ahead for which commitments are made for Production Materials; Capital Expenditures; and Maintenance, Repair and Operating (MRO) Supplies, expressed as hand-to-mouth (five days), 30 days, 60 days, 90 days, six months (180 days), a year or more (360 days), and the weighted average number of days.

We re-categorize the manufacturing subsectors listed in the Standard Industrial Classification System of the Republic of China (Rev.9, 2011) into six broad categories. **The Chemical, Biological & Medical industry (C&M)** which includes Manufacture of Chemical Material, Manufacture of Chemical Products, Manufacture of Pharmaceuticals and Medicinal Chemical Products and Manufacture of Medical Instruments and Supplies. **The Electronic & Optical industry (Elec)** which comprises Manufacture of Electronic Parts and Components and Manufacture of Computers Electronic and Optical Products. **The Foods & Textiles industry (F&T)** which comprises Manufacture of Food Products, Manufacture of Beverages, Manufacture of Tobacco Products, Manufacture of Textiles, Manufacture of Wearing Apparel and Clothing Accessories, Manufacture of Leather, Fur and Related Products. **The Basic Materials industry (Mt'ls)** which includes Manufacture of Wood and of Products of Wood and Bamboo, Manufacture of Pulp, Paper and Paperboard, Printing and Service Activities Related to Printing, Manufacture of Rubber Products, Manufacture of Plastics Products, Manufacture of Other Non-metallic Mineral Products, Manufacture of Basic Metals and Manufacture of Fabricated Metal Products. **The Transportation Equipment industry (Trans)** which comprises Manufacture of Motor Vehicles and Parts and Manufacture of Other Transport Equipment and Parts. The last category is **Electrical & Machinery Equipment industry (Mach)** which includes Manufacture of Electrical Equipment and Manufacture of Machinery and Equipment.

Starting from each release of the Month of April 2018, the index numbers for Manufacturing PMI, New Orders, Production and Employment are seasonally adjusted to remove those seasonal components and calendar effects such as trading day, leap year and other moving holiday effects. Averaging the seasonally adjusted component series (the New Orders, Production, and Employment indexes) and the seasonally unadjusted components (Supplier Delivers and Inventories indexes) will give rise to the indirect seasonally adjusted Manufacturing PMI. As the direct seasonally adjusted PMI is more stable than the indirect seasonally adjusted PMI, CIER assumes the difference between these two indexes to three seasonally adjusted component series using the variance of each irregular component as weights. Therefore, the equality of seasonally adjusted PMI and its component series is maintained. The diffusion indexes other than the PMI component series and the industrial data are raw data and not seasonally adjusted.

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