



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK KAPASITI PENGGUNAAN INDUSTRI PEMBUATAN

*MANUFACTURING INDUSTRY
CAPACITY UTILISATION STATISTICS*

2026

SUKU
QUARTER

2



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK KAPASITI PENGGUNAAN INDUSTRI PEMBUATAN *MANUFACTURING INDUSTRY CAPACITY UTILISATION STATISTICS*

SUKU KEDUA **2026**
SECOND QUARTER

Dikeluarkan pada **19** Ogos **2026**
Released on August

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang melaksanakan **Banci Ekonomi 2026 (BE2026)**, bertemakan “**Data Nadi Ekonomi Rakyat**”. Pelaksanaan Banci Ekonomi kali keenam ini berlangsung **dari 5 Januari hingga 31 Oktober 2026**. BE2026 bertujuan untuk mengumpul data yang menyeluruh dan berstruktur daripada semua pertubuhan perniagaan berdaftar dan tidak berdaftar di Malaysia, bagi menilai prestasi, struktur serta ciri-ciri ekonomi negara secara komprehensif dan berasaskan bukti.

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Announcement

The Department of Statistics Malaysia (DOSM) is conducting the **Economic Census 2026 (BE2026)**, themed “**Data Nadi Ekonomi Rakyat**”. The sixth Economic Census, running **from 5th January to 31st October 2026**. BE2026 aims to collect comprehensive, structured data from all registered and unregistered business establishments in Malaysia to assess the nation's economic performance, structure and characteristics in an evidence-based manner.

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KATA PENGANTAR

Penerbitan Statistik Kapasiti Penggunaan Industri Pembuatan diterbitkan oleh Jabatan Perangkaan Malaysia (DOSM). Penerbitan ini memaparkan statistik kapasiti penggunaan bagi sektor Pembuatan di Malaysia yang diterbitkan secara suku tahunan mulai Suku Pertama 2023. Penerbitan ini membentangkan statistik mulai Januari 2024 sehingga Jun 2026 yang memberikan indikator tambahan kepada pengguna dalam menilai prestasi sektor Pembuatan di Malaysia.

Konsep yang digunakan dalam penerbitan ini adalah berpandukan kepada International Recommendations for Industrial Statistics 2008, United Nations Statistics Division manakaladefinisi Pembuatan adalah konsisten dengan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0. Statistik ini juga boleh digunakan sebagai sumber rujukan oleh kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan membantu dalam perancangan pembangunan perniagaan.

Penerbitan ini mengandungi tiga bahagian. Bahagian pertama memaparkan infografik dan ringkasan penemuan. Bahagian kedua memuatkan jadual terperinci manakala bahagian ketiga menerangkan aspek teknikal seperti skop & liputan dan konsep & definisi yang digunakan bagi memudahkan pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia merakamkan setinggi-tinggi penghargaan atas kerjasama dan sumbangan yang diberikan oleh semua pihak dalam membekalkan data yang diperlukan dan menyumbang kepada kejayaan penerbitan ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amatlah dihargai.

SITI ASIAH AHMAD

Ketua Perangkawan Malaysia

Ogos 2026

PREFACE

The Manufacturing Industry Capacity Utilisation Statistics is a publication published by the Department of Statistics Malaysia (DOSM). The publication presents capacity utilisation statistics for the Manufacturing sector in Malaysia which published on quarterly basis since First Quarter 2023. This publication presents the statistics from January 2024 until June 2026 which provide additional indicators for the users in assessing the performance of the Manufacturing sector in Malaysia.

The concept used in this compilation is guided by the International Recommendations for Industrial Statistics 2008, United Nations Statistics Division while the definition of Manufacturing is consistent with Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0. These statistics can be used by government agencies, economists, academicians, private sectors and individuals for planning and formulating policies, economic analysis, projections and assisting in business development planning.

This publication is divided into three main parts. The first part displays the infographic and summary of findings. The second part shows the detailed statistical tables meanwhile the third part explains technical aspects such as scope & coverage and concepts & definitions used to assist users to understand the published statistics.

Department of Statistics Malaysia (DOSM) gratefully acknowledges the co-operation and contribution of all parties who have provided the required data and contributed to the success of this publication. Every feedback and suggestion towards improving future publications is highly appreciated.

SITI ASIAH AHMAD
Chief Statistician Malaysia

August 2026

ISI KANDUNGAN

TABLE OF CONTENTS

Muka Surat
Pages

Kata Pengantar <i>Preface</i>	i - ii
Isi Kandungan <i>Table of Contents</i>	iii
Ringkasan Penemuan <i>Summary of Findings</i>	1 - 12
Jadual Statistik <i>Statistical Tables</i>	13 - 46
Jadual 1 Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor <i>Table 1 Manufacturing Industry Capacity Utilisation by Sub-sector</i>	15 - 18
Jadual 2 Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan <i>Table 2 Manufacturing Industry Capacity Utilisation by Group</i>	19 - 30
Jadual 3 Kapasiti Penggunaan Industri Pembuatan mengikut Industri Berorientasikan Eksport dan Industri Berorientasikan Domestik <i>Table 3 Manufacturing Industry Capacity Utilisation by Export-Oriented Industry and Domestic-Oriented Industry</i>	31 - 34
Jadual 4 Kapasiti Penggunaan Industri Pembuatan mengikut Negeri <i>Table 4 Manufacturing Industry Capacity Utilisation by State</i>	35 - 38
Jadual 5 Faktor Kapasiti Industri Pembuatan di Bawah Tahap Penggunaan - Peratus Sumbangan <i>Table 5 Factors of Under-utilisation of Manufacturing Industry Capacity - Percentage Share</i>	39 - 41
Jadual 6 Kapasiti Penggunaan mengikut Negara Terpilih <i>Table 6 Capacity Utilisation by Selected Country</i>	42
Jadual 7 Indeks Pengeluaran Perindustrian Sektor Pembuatan mengikut Kumpulan <i>Table 7 Industrial Production Index of Manufacturing Sector by Group</i>	43 - 46
Nota Teknikal <i>Technical Notes</i>	47 - 56

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RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

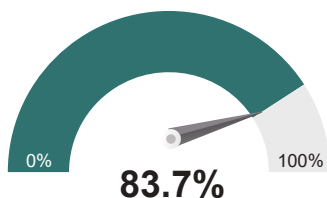
- **Infografik**
Infographic
- **Pengenalan**
Introduction
- **Prestasi Kapasiti Penggunaan Industri Pembuatan di Malaysia**
Performance of Manufacturing Industry Capacity Utilisation in Malaysia
- **Kapasiti Penggunaan mengikut Subsektor Pembuatan**
Capacity Utilisation by Manufacturing Sub-sector
- **Kapasiti Penggunaan Industri Pembuatan mengikut Negeri**
Manufacturing Industry Capacity Utilisation by State
- **Kapasiti Penggunaan dalam Industri Berorientasikan Eksport dan Domestik**
Capacity Utilisation in Export-Oriented and Domestic-Oriented Industries
- **Prestasi Indeks Pengeluaran Perindustrian (IPP)**
Performance of Industrial Production Index (IPI)

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STATISTIK KAPASITI PENGGUNAAN INDUSTRI PEMBUATAN SUKU KEDUA 2026

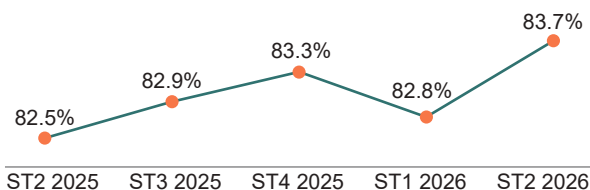
Kapasiti Penggunaan Industri Pembuatan

ST2 2026



YoY
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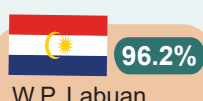
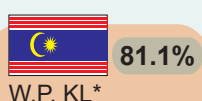
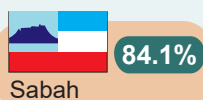
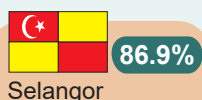
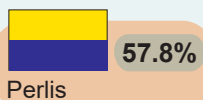
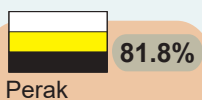
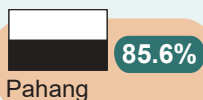
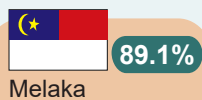
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Kapasiti Penggunaan Industri Pembuatan - Bulanan

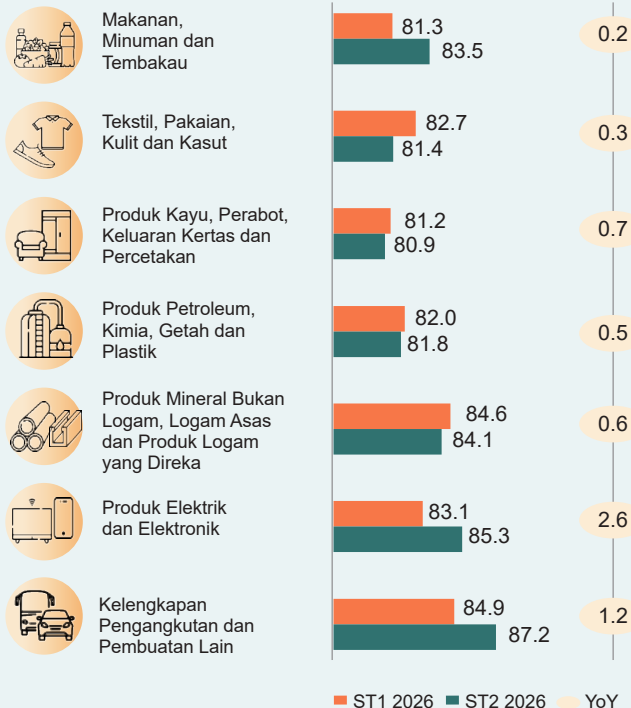


Kapasiti Penggunaan Industri Pembuatan mengikut Negeri



Melempi kadar kapasiti penggunaan nasional pada ST2 2026

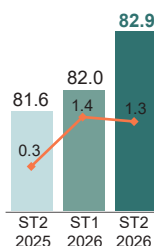
Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor



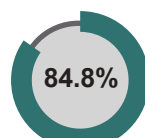
Tiga Teratas Kapasiti Penggunaan - Industri Berorientasikan Eksport dan Domestik



Industri Berorientasikan Eksport



Pembuatan komputer, produk elektronik dan optikal



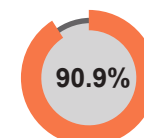
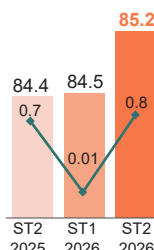
Pembuatan kelengkapan elektrik



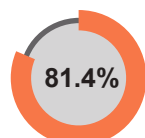
Pembuatan produk plastik



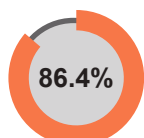
Industri Berorientasikan Domestik



Pembuatan kenderaan bermotor, treler dan semi treler



Pembuatan logam asas



Percetakan dan penerbitan semula media rakaman

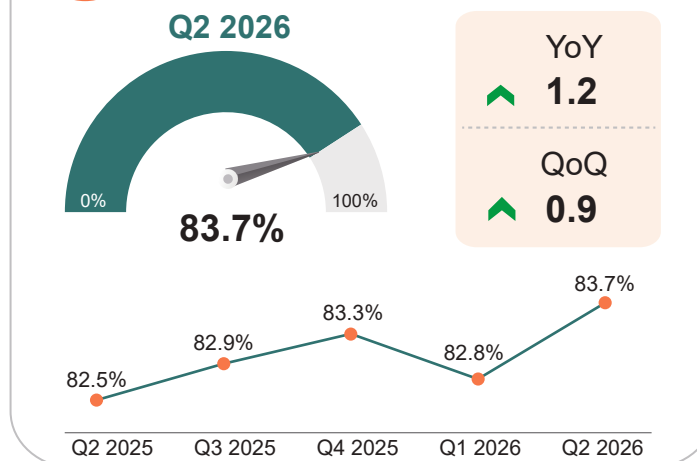
YoY ST2 2026

Nota: * termasuk W.P. Putrajaya | W.P. - Wilayah Persekutuan | KL - Kuala Lumpur | ST - Suku Tahun | t.t.t.l - Tidak Terkelas di Tempat Lain
Sumber : Statistik Kapasiti Penggunaan Industri Pembuatan Suku Pertama 2026, Jabatan Perangkaan Malaysia (DOSM)

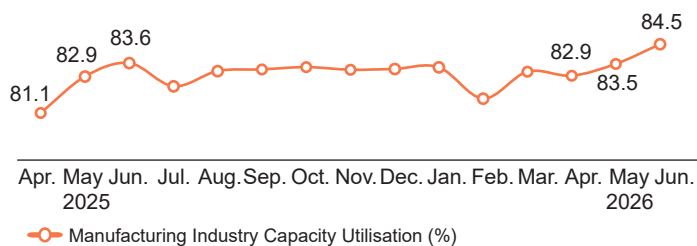


MANUFACTURING INDUSTRY CAPACITY UTILISATION STATISTICS SECOND QUARTER 2026

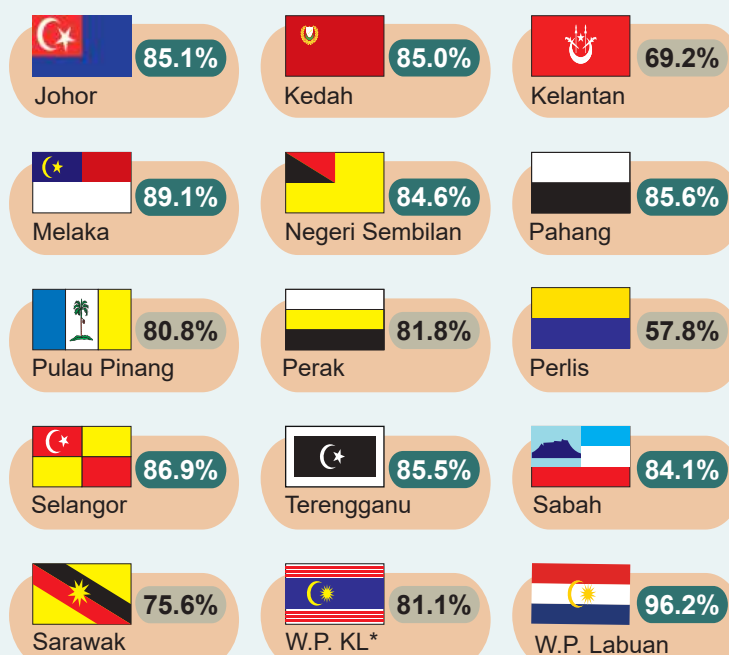
Manufacturing Industri Capacity Utilisation



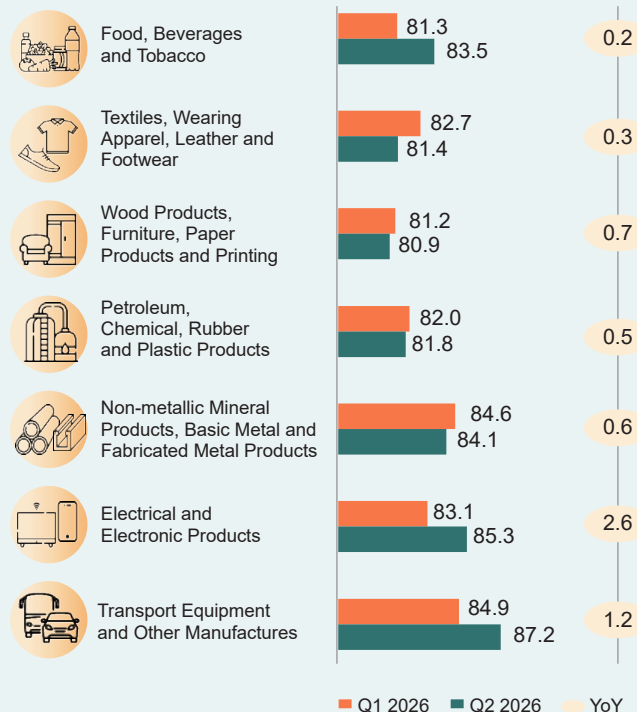
Manufacturing Industri Capacity Utilisation - Monthly



Manufacturing Industri Capacity Utilisation by State

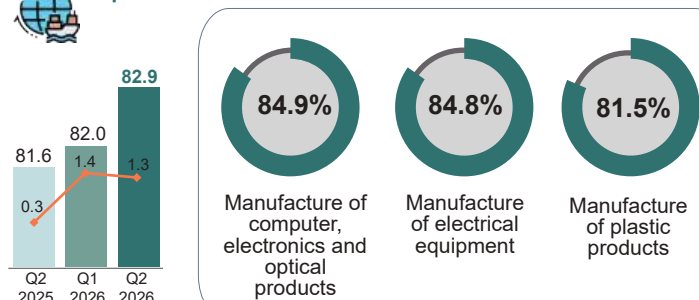


Manufacturing Industry Capacity Utilisation by Sub-sector

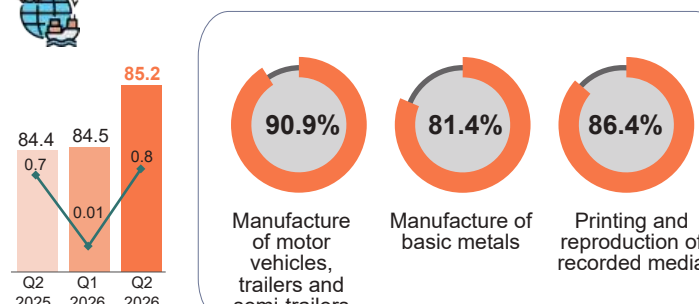


Top Three Capacity Utilisation - Export-oriented and Domestic-oriented Industries

Export-oriented industries



Domestic-oriented industries



RINGKASAN PENEMUAN

1.0 Pengenalan

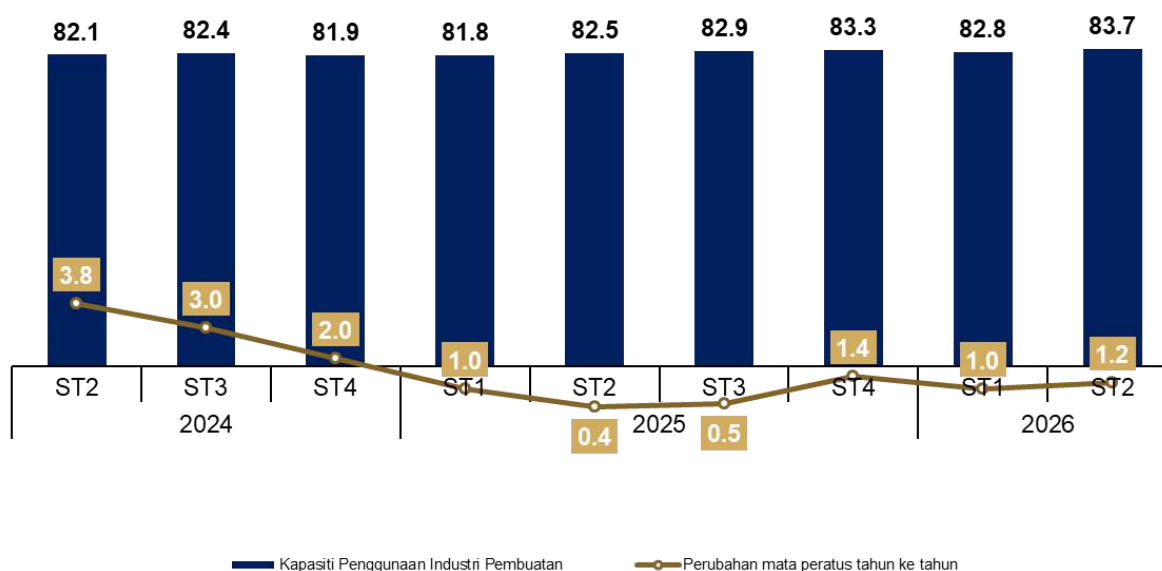
Penerbitan ini memaparkan statistik kapasiti penggunaan bagi industri Pembuatan yang diperoleh daripada Survei Pembuatan Bulanan yang dijalankan oleh Jabatan Perangkaan Malaysia. Statistik yang dilaporkan dalam penerbitan ini adalah daripada tempoh suku pertama 2024 hingga suku kedua 2026 di peringkat nasional dan negeri. Selain itu, data tahunan dan bulanan turut dilaporkan dalam penerbitan ini.

Kapasiti penggunaan merujuk kepada nisbah output sebenar yang dihasilkan berbanding pengeluaran output pada kapasiti penuh melalui gabungan optimum mesin, bahan mentah dan buruh. Konsep yang digunakan dalam penerbitan ini adalah berpandukan kepada *International Recommendations for Industrial Statistics 2008, United Nations Statistics Division* manakala definisi Pembuatan adalah selari dengan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0.

2.0 Prestasi Kapasiti Penggunaan Industri Pembuatan di Malaysia

Kapasiti penggunaan industri Pembuatan adalah 83.7 peratus pada suku kedua 2026, meningkat 1.2 mata peratus berbanding suku yang sama pada tahun sebelumnya (ST2 2025: 82.5%). Berbanding suku tahun sebelumnya, kapasiti penggunaan industri Pembuatan menaik 0.9 mata peratus (ST1 2026: 82.8%) (**Paparan 1**).

Paparan 1 : Kapasiti Penggunaan Industri Pembuatan, ST2 2024 - ST2 2026



Pada April 2026, industri Pembuatan beroperasi pada 82.9 peratus, menunjukkan peningkatan 1.8 mata peratus berbanding tahun sebelumnya, sementara 83.5 peratus pada Mei 2026 (+0.6 mata peratus); dan 84.5 peratus pada Jun 2026 (+0.9 mata peratus).

3.0 Kapasiti Penggunaan mengikut Subsektor Pembuatan

Pada suku ini, subsektor Produk Elektrik dan Elektronik mencatatkan kadar kapasiti penggunaan tertinggi iaitu 85.3 peratus; dan diikuti oleh subsektor Kelengkapan pengangkutan dan pembuatan lain pada kadar 87.2 peratus. Sebaliknya, kadar terendah direkodkan oleh subsektor Produk Kayu, Perabot, Keluaran Kertas dan Percetakan (80.9%) (**Paparan 2**).

Berbanding dengan suku tahun sebelum, subsektor yang mencatatkan kenaikan pada suku kedua 2026 dengan peningkatan tertinggi dapat dilihat dalam subsektor Kelengkapan pengangkutan dan pembuatan lain yang meningkat sebanyak 2.3 mata peratus. Manakala, subsektor Tekstil, pakaian, kulit dan kasut merosot 1.3 mata peratus.

Paparan 2 : Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor

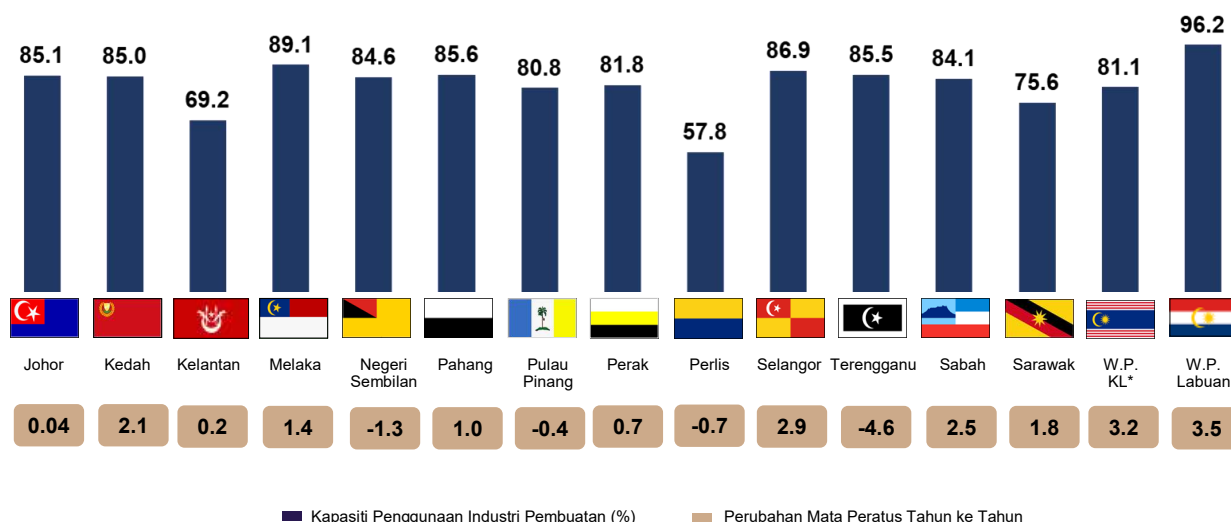
ST2 2026	Kapasiti Penggunaan Industri Pembuatan (%)	Perubahan Mata Peratus Tahun ke Tahun	Perubahan Mata Peratus Suku Tahun ke Suku Tahun
Makanan, Minuman dan Tembakau	83.5	0.2	2.2
Tekstil, Pakaian, Kulit dan Kasut	81.4	0.3	-1.3
Produk Kayu, Perabot, Keluaran Kertas dan Percetakan	80.9	0.7	-0.3
Petroleum, Kimia, Getah dan Plastik	81.8	0.5	-0.2
Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang direka	84.1	0.6	-0.5
Produk elektrik dan elektronik	85.3	2.6	2.2
Kelengkapan pengangkutan dan pembuatan lain	87.2	1.2	2.3

4.0 Kapasiti Penggunaan Industri Pembuatan mengikut Negeri

Sembilan buah negeri telah melepasi kadar nasional pada suku pertama tahun 2026, iaitu WP Labuan (96.2%); Melaka (89.1%); Selangor (86.9%); Pahang (85.6%); Terengganu (85.5%); Johor (85.1%); Kedah (85.0%); Negeri Sembilan (84.6%); dan Sabah (84.1%). Manakala, kadar kapasiti penggunaan terendah dicatatkan oleh negeri Perlis sebanyak 57.8 peratus berbanding suku yang sama tahun sebelumnya (**Paparan 3**).

RINGKASAN PENEMUAN

Paparan 3: Kapasiti Penggunaan Industri Pembuatan mengikut Negeri



*Termasuk W.P. Putrajaya

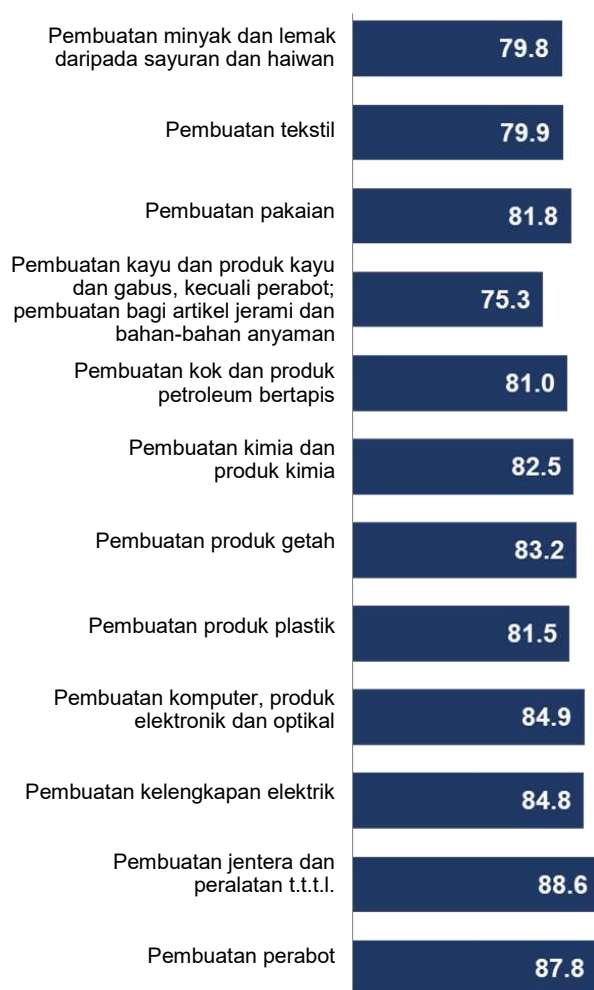
5.0 Kapasiti Penggunaan dalam Industri Berorientasikan Eksport dan Domestik

Kapasiti penggunaan bagi industri berorientasikan eksport meningkat 1.3 mata peratus tahun ke tahun kepada 82.9 peratus (ST2 2025: 81.6%) (**Paparan 4**). Kadar mata peratus tertinggi dicatatkan dalam subsektor Pembuatan komputer, produk elektronik & optikal; dan Pembuatan produk plastik masing-masing meningkat sebanyak 3.5 mata peratus kepada 84.9 peratus dan naik 0.6 mata peratus kepada 81.5 peratus. Namun begitu, industri yang merekodkan kapasiti penggunaan di bawah 80 peratus adalah Pembuatan kayu & produk kayu & gabus, kecuali perabot, pembuatan bagi artikel jerami & bahan-bahan anyaman (75.3%); Pembuatan tekstil (79.9%); dan Pembuatan minyak & lemak daripada sayuran & haiwan (79.8%). Berbanding suku pertama 2026, kadar kapasiti penggunaan bagi industri berorientasikan eksport memulih kepada 0.9 mata peratus daripada 82.0 peratus pada suku tahun sebelumnya.

Selain itu, kapasiti penggunaan industri berorientasikan domestik meningkat 0.8 mata peratus kepada 85.2 peratus pada suku kedua 2026 (**Paparan 5**). Kebanyakan industri dalam segmen ini mencatatkan kadar kapasiti penggunaan yang tinggi terutamanya Pembuatan kenderaan bermotor, treler & semi treler (90.9%; +2.7 mata peratus); dan diikuti oleh Pembuatan logam asas (81.4%; +0.5 mata peratus). Sementara itu, kadar kapasiti penggunaan terendah dicatatkan oleh industri Pembuatan kertas & produk kertas dengan 77.1 peratus. Berbanding suku tahun sebelumnya, kapasiti penggunaan industri berorientasikan domestik menaik 0.7 mata peratus daripada 84.5 peratus.

RINGKASAN PENEMUAN

Paparan 4: Kapasiti Penggunaan Industri Pembuatan Berorientasikan Eksport



Paparan 5: Kapasiti Penggunaan Industri Pembuatan Berorientasikan Domestik



6.0 Prestasi Indeks Pengeluaran Perindustrian (IPP)

Bagi suku tahun kedua 2026, IPP meningkat sebanyak 7.7 peratus berbanding 4.0 peratus yang direkodkan pada suku tahun lepas. Peningkatan ini disokong oleh sektor Pembuatan yang bertumbuh 7.4 peratus berbanding 5.7 peratus pada suku tahun sebelumnya dan diikuti oleh sektor Elektrik menaik 14.2 peratus (ST1 2026: 13.5%). Walau bagaimanapun, IPP bagi sektor Perlombongan meningkat sebanyak 9.4 peratus (ST1 2026: -2.9%). Bagi perbandingan suku tahun ke suku tahun, IPP meningkat sebanyak 2.0 peratus.

SUMMARY FINDINGS

1.0 Introduction

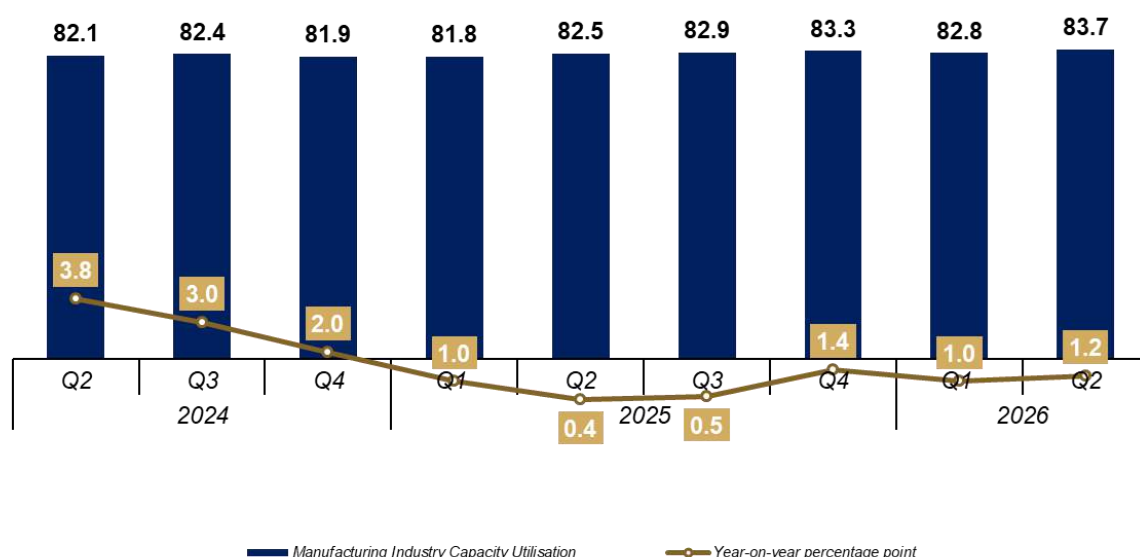
This publication presents statistics on capacity utilisation for Manufacturing industries acquired from the Monthly Manufacturing Survey conducted by the Department of Statistics, Malaysia. The statistics reported in this publication are from the period of the first quarter of 2024 to the second quarter of 2026 at the national and state level. In addition, annual and monthly data are also reported in this publication.

Capacity utilisation refers to a ratio of actual output produced to the production of output at full capacity through an optimal combination of machinery, raw materials and labour. The concept used in this publication is based on the International Recommendations for Industrial Statistics 2008, United Nations Statistics Division while the definition of Manufacturing is aligned with Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0.

2.0 Performance of Manufacturing Industry Capacity Utilisation in Malaysia

The capacity utilisation of the Manufacturing industry was 83.7 per cent in the second quarter of 2026, which increased by 1.2 percentage points compared to the same quarter of the preceding year (Q2 2025: 82.5%). In comparison with the previous quarter, the capacity utilisation of the Manufacturing industry increased by 0.9 percentage points (Q1 2026: 82.8%) (**Figure 1**).

Figure 1 : Manufacturing Industry Capacity Utilisation, Q2 2024 - Q2 2026



In April 2026, the Manufacturing industry operated at 82.9 per cent, marking an increase of 1.8 percentage points compared to the previous year, while 83.5 per cent in May 2026 (+0.6 percentage points); and 84.5 per cent in June 2026 (+0.9 percentage points).

SUMMARY FINDINGS

3.0 Capacity Utilisation by Manufacturing Sub-sector

In this quarter, the Electrical and Electronics Products sub-sector posted the highest capacity utilisation rate at 85.3 per cent; and followed by the Transport equipment and other manufactures sub-sector at 87.2 per cent. In contrast, the lowest rate was recorded by the Wood Products, Furniture, Paper Products, Printing sub-sector (80.9%) (**Figure 2**).

As compared to the preceding quarter, the sub-sectors that recorded an increase in the second quarter 2026 with the highest increment was observed in the Transport equipment and other manufactures sub-sector, which increased by 2.3 percentage points. Whilst, Textiles, wearing apparel, leather and footwear sub-sector declined by 1.3 percentage points.

Figure 2: Manufacturing Industry Capacity Utilisation by Sub-sector

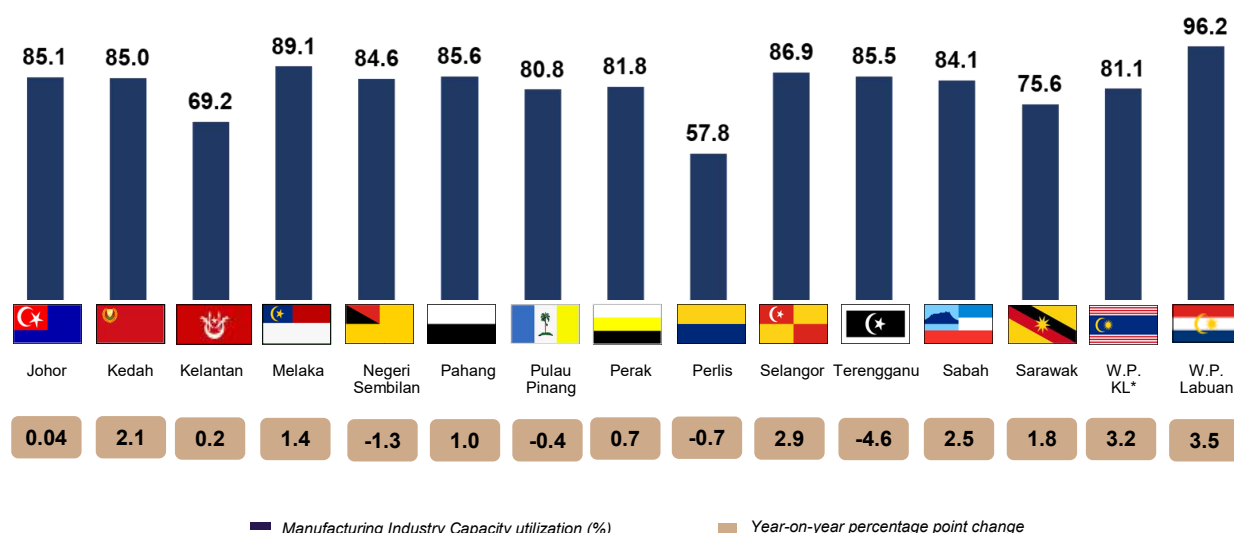
Q2 2026	Manufacturing Industry Capacity Utilisation (%)	Year-on-year Percentage Point Change	Quarter-on-Quarter Percentage Point Change
Food, Beverages and Tobacco	83.5	0.2	2.2
Textiles, Wearing Apparel, Leather Products and Footwear	81.4	0.3	-1.3
Wood Products, Furniture, Paper Products, Printing	80.9	0.7	-0.3
Petroleum, Chemical, Rubber and Plastic Products	81.8	0.5	-0.2
Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products	84.1	0.6	-0.5
Electrical and Electronics Products	85.3	2.6	2.2
Transport Equipment and Other Manufactures	87.2	1.2	2.3

4.0 Manufacturing Industry Capacity Utilisation by State

Nine states surpassed the national rate in the second quarter of 2026, namely WP Labuan (96.2%); Melaka (89.1%); Selangor (86.9%); Pahang (85.6%); Terengganu (85.5%); Johor (85.1%); Kedah (85.0%); Negeri Sembilan (84.6%); and Sabah (84.1%). Whereas, the lowest capacity utilisation rate posted by Perlis with 57.8 per cent as compared to the same quarter last year (**Figure 3**).

SUMMARY FINDINGS

Figure 3: Manufacturing Industry Capacity Utilisation by State



*Includes W.P. Putrajaya

5.0 Capacity Utilisation in Export-Oriented and Domestic-Oriented Industries

The capacity utilisation in the export-oriented industries increased by 1.3 percentage points to 82.9 per cent (Q2 2025: 81.6%) (**Figure 4**). The growth was mainly attributed to the increase of capacity utilisation rate in the Manufacture of computer, electronics & optical products; and Manufacture of plastic products, which up by 3.5 percentage points to 84.9 per cent and rose by 0.6 percentage points to 81.5 per cent respectively. Nonetheless, industries recorded capacity utilisation below 80 per cent, namely the Manufacture of wood & products of wood & cork, except furniture, manufacture of articles of straw & plaiting materials (75.3%); Manufacture of textiles (79.9%); and Manufacture of vegetable & animal oils & fats (79.8%). As compared to the first quarter of 2026, the capacity utilisation rate of the export-oriented industries rebounded to 0.9 percentage points from 82.0 per cent in the preceding quarter.

Furthermore, the capacity utilisation in the domestic-oriented industries increased by 0.8 percentage points to 85.2 per cent in second quarter of 2026. (**Figure 5**). Manufacture of motor vehicles, trailers & semi-trailers (90.9%; +2.7 percentage points); and followed by the Manufacture of basic metals (81.4%; +0.5 percentage points). Meanwhile, the lowest capacity utilisation rate was posted by the Manufacture of paper & paper products industry with 77.1 per cent. As compared to the last quarter, the capacity utilisation in the domestic-oriented industries were increased by 0.7 percentage points from 84.5 per cent.

SUMMARY FINDINGS

Figure 4: Manufacturing Industry Capacity Utilisation by Export-Oriented Industry

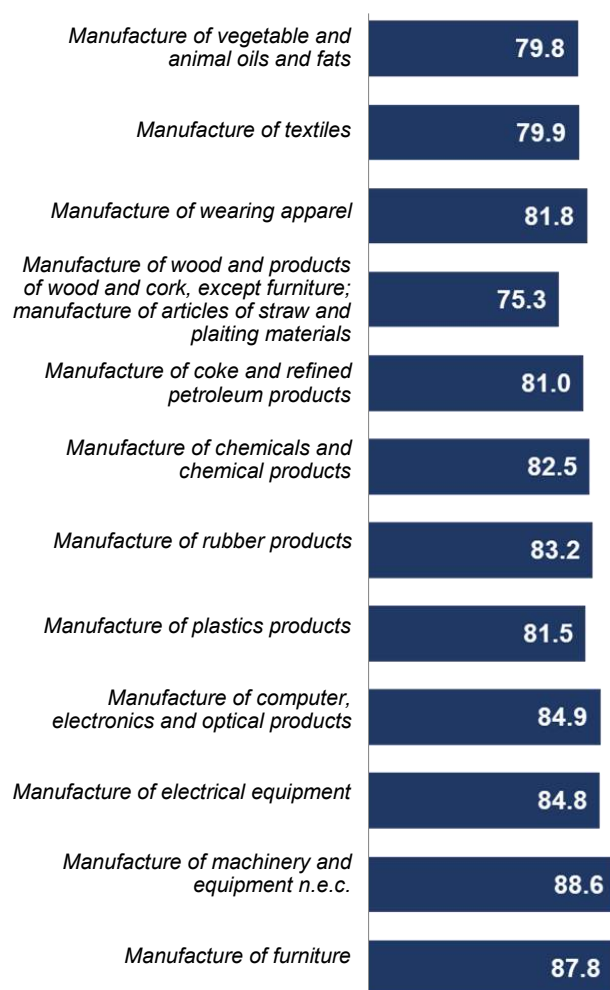
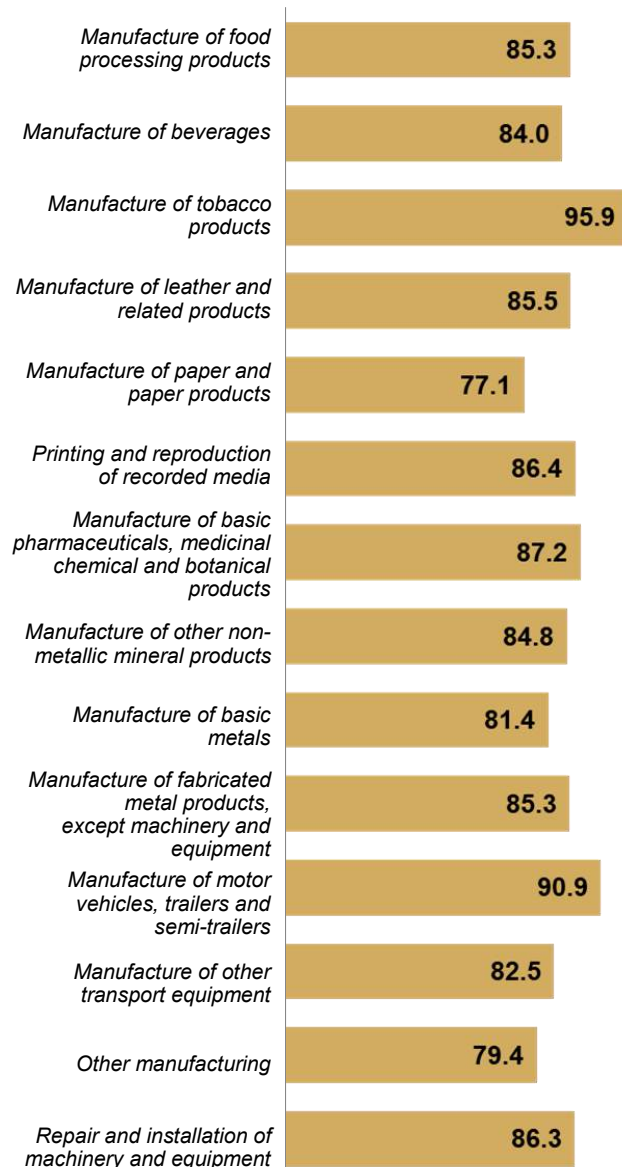


Figure 5: Manufacturing Industry Capacity Utilisation by Domestic-Oriented Industry



6.0 Performance of Industrial Production Index (IPI)

For the second quarter of 2026, the IPI increased by 7.7 per cent as against 4.0 per cent recorded in the previous quarter. The increased was supported by the Manufacturing sector at 7.4 per cent growth, compared to 5.7 per cent in the preceeding quarter and followed by the Electricity sector rise by 14.2 per cent (Q1 2026: 13.5%). In addition, the IPI for Mining sectors increased by 9.4 per cent (Q1 2026: -2.9%). On a quarter-on-quarter comparison, the IPI increased by 2.0 per cent.

JADUAL STATISTIK

STATISTICAL TABLES

- **Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor**
Manufacturing Industry Capacity Utilisation by Sub-sector
- **Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan**
Manufacturing Industry Capacity Utilisation by Group
- **Kapasiti Penggunaan Industri Pembuatan mengikut Industri Berorientasikan Eksport dan Industri Berorientasikan Domestik**
Manufacturing Industry Capacity Utilisation by Export-Oriented Industry and Domestic-Oriented Industry
- **Kapasiti Penggunaan Industri Pembuatan mengikut Negeri**
Manufacturing Industry Capacity Utilisation by State
- **Faktor Kapasiti Industri Pembuatan di Bawah Tahap Penggunaan**
 - Peratus Sumbangan
Factors of Under-utilisation of Manufacturing Industry Capacity
 - Percentage Share
- **Kapasiti Penggunaan dalam Industri mengikut Negara Terpilih**
Capacity Utilisation by Selected Country
- **Indeks Pengeluaran Perindustrian Sektor Pembuatan mengikut Kumpulan**
Industrial Production Index of Manufacturing Sector by Group

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Jadual 1: Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor
Table 1: Manufacturing Industry Capacity Utilisation by Sub-sector

Keterangan Subsektor Sub-sector Description	2024	2025	2024				2025	
			Q1	Q2	Q3	Q4	Q1	Q2
1 Makanan, minuman dan tembakau Food, beverages and tobacco	80.8	82.6	78.2	80.5	82.5	81.9	79.5	83.3
10 Pembuatan produk makanan <i>Manufacture of food products</i>	79.9	82.2	76.8	79.4	82.2	81.2	79.0	83.1
11 Pembuatan minuman <i>Manufacture of beverages</i>	81.6	84.1	81.1	81.9	80.6	82.7	83.0	83.9
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	92.5	90.4	94.8	94.7	88.4	92.0	96.7	85.3
2 Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	82.3	82.2	80.1	82.8	83.0	83.4	82.6	81.1
13 Pembuatan tekstil <i>Manufacture of textiles</i>	82.4	81.2	79.8	83.2	83.3	83.5	83.6	80.0
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	81.7	82.3	78.8	82.0	82.7	83.2	80.7	80.5
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	84.9	86.2	87.7	84.4	83.1	84.3	87.9	88.6
3 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	80.5	81.0	79.8	80.0	80.4	81.8	81.0	80.2
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	75.1	76.2	72.4	74.8	76.6	76.9	75.4	75.0
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	78.1	77.5	78.1	77.1	78.4	79.0	77.9	75.9
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	85.2	85.9	84.1	85.0	85.2	86.3	85.2	85.6
31 Pembuatan perabot <i>Manufacture of furniture</i>	86.3	87.2	88.0	85.8	83.6	87.8	88.4	87.1
4 Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	81.9	81.6	82.2	81.9	82.1	81.3	82.1	81.3
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	81.8	81.0	84.2	81.6	80.0	81.4	82.4	80.5
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	81.9	82.3	80.0	82.6	84.4	80.7	81.4	82.5
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceuticals, medicinal chemical and botanical products</i>	85.2	87.9	85.2	85.6	86.2	83.9	86.9	87.5
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	81.7	81.4	81.0	81.3	82.8	81.7	81.8	80.8
5 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	83.4	84.5	82.9	82.3	83.7	84.7	85.2	83.5
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	85.3	85.5	85.5	83.6	85.7	86.6	87.3	83.8
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	79.6	81.3	79.1	78.8	79.7	80.6	80.3	80.9
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	84.3	85.8	83.2	83.7	84.6	85.7	86.6	85.0
6 Produk elektrik dan elektronik Electrical and electronic products	80.9	82.6	78.4	82.1	82.2	80.9	80.5	82.7
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	79.8	81.7	77.3	81.1	81.3	79.7	79.2	81.4
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	82.1	84.1	80.8	82.4	82.7	82.4	83.6	84.7
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	86.7	87.4	83.7	88.5	87.7	86.9	85.9	88.8
7 Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	84.2	85.0	85.1	86.0	83.8	82.0	83.8	86.0
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	84.6	85.5	86.1	88.3	84.1	79.9	82.9	88.2
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	83.8	83.4	84.1	83.4	83.7	84.2	83.1	81.3
32 Pembuatan lain <i>Other manufacturing</i>	82.3	83.1	82.1	82.0	81.9	83.2	84.9	82.2
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	84.9	87.1	84.8	83.6	84.8	86.4	87.3	87.1
Malaysia	81.8	82.6	80.8	82.1	82.4	81.9	81.8	82.5

Jadual 1: Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor (samb.)
Table 1: Manufacturing Industry Capacity Utilisation by Sub-sector (cont.)

Keterangan Subsektor Sub-sector Description		2025	2026		2024				
		Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
1	Makanan, minuman dan tembakau Food, beverages and tobacco	83.7	84.1	81.3	83.5	79.1	77.0	78.6	78.5
10	Pembuatan produk makanan Manufacture of food products	83.5	83.2	80.2	82.5	77.9	75.5	77.0	76.9
11	Pembuatan minuman Manufacture of beverages	84.3	85.0	82.1	84.0	81.5	80.0	81.9	82.6
12	Pembuatan produk tembakau Manufacture of tobacco products	85.2	94.5	96.8	95.9	93.0	94.4	96.9	95.5
2	Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	81.7	83.3	82.7	81.4	79.3	77.1	83.9	81.5
13	Pembuatan tekstil Manufacture of textiles	80.6	80.7	80.8	79.9	77.2	80.1	82.1	80.0
14	Pembuatan pakaian Manufacture of wearing apparel	82.4	85.5	84.1	81.8	78.7	72.9	84.6	82.3
15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	83.5	84.9	85.1	85.5	91.2	83.7	88.2	84.4
3	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	80.9	82.0	81.2	80.9	79.9	79.1	80.3	78.9
16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	77.2	77.3	75.6	75.3	71.2	71.9	73.9	70.7
17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	77.9	78.2	77.4	77.1	78.9	78.1	77.3	77.3
18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	85.7	87.1	85.6	86.4	84.1	83.8	84.3	85.6
31	Pembuatan perabot Manufacture of furniture	85.2	88.2	89.3	87.8	89.0	86.2	88.9	86.3
4	Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	81.8	81.2	82.0	81.8	82.6	81.3	82.8	80.3
19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	80.7	80.2	82.2	81.0	84.4	84.0	84.3	80.2
20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	82.8	82.3	82.2	82.5	80.2	77.9	81.8	80.7
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceuticals, medicinal chemical and botanical products	88.8	88.6	87.0	87.2	83.6	86.1	86.1	84.8
22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	82.0	80.9	81.1	82.3	82.2	79.8	81.0	79.7
5	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	84.4	84.9	84.6	84.1	83.3	82.1	83.3	82.0
23	Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	84.8	86.0	86.1	84.8	86.3	84.9	85.4	84.2
24	Pembuatan logam asas Manufacture of basic metals	81.9	82.0	80.9	81.4	78.6	79.4	79.4	79.2
25	Pembuatan produk logam, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	85.5	85.9	85.9	85.3	83.9	81.7	84.1	82.0
6	Produk elektrik dan elektronik Electrical and electronic products	83.0	84.4	83.1	85.3	77.4	77.3	80.6	78.5
26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	81.9	84.2	82.8	84.9	76.2	76.1	79.5	76.7
27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	85.1	83.0	82.1	84.8	79.9	79.5	83.1	81.4
28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	87.8	87.1	86.0	88.6	82.6	82.9	85.6	87.5
7	Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	85.5	84.8	84.9	87.2	86.6	84.4	84.2	86.5
29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	86.4	84.7	85.4	90.9	88.5	85.9	83.9	89.5
30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	84.5	84.8	84.1	82.5	84.9	82.8	84.4	82.8
32	Pembuatan lain Other manufacturing	82.0	83.4	81.5	79.4	83.0	80.3	82.9	81.3
33	Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	86.9	87.2	87.3	86.3	84.1	84.0	86.4	83.9
Malaysia		82.9	83.3	82.8	83.7	80.9	79.8	81.7	80.3

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
81.8	81.2	82.1	82.4	82.9	82.5	82.0	81.3	80.1	78.8	79.6	81.6	83.7	84.5	83.8	82.6	84.7	84.4
80.6	80.6	81.9	82.2	82.6	82.1	81.1	80.3	79.6	78.3	79.1	81.2	83.3	84.7	83.9	82.6	84.2	83.7
83.0	80.0	79.9	80.6	81.3	81.1	83.2	84.0	83.2	82.3	83.5	83.7	85.5	82.6	83.9	84.4	84.5	84.6
96.5	92.0	88.3	87.3	89.6	90.6	92.7	92.5	96.2	97.4	96.6	83.8	87.5	84.7	82.6	80.4	92.7	94.2
83.2	83.6	82.4	82.9	83.7	83.8	84.2	82.3	82.1	82.1	83.7	81.1	81.3	80.9	81.1	81.5	82.7	83.3
84.2	85.3	82.5	83.2	84.1	83.5	84.1	82.8	82.9	83.4	84.4	79.5	80.1	80.5	80.1	80.2	81.5	81.0
81.8	82.0	82.4	82.6	83.2	84.2	84.3	81.1	80.1	79.9	82.0	80.9	80.6	80.1	81.5	82.3	83.5	85.4
85.0	83.9	81.9	82.9	84.5	83.0	84.4	85.6	87.9	87.1	88.8	88.7	90.0	87.0	83.0	83.7	83.8	83.4
80.4	80.6	80.4	80.3	80.5	81.2	82.1	82.2	80.8	80.9	81.1	79.6	80.7	80.2	80.7	81.0	81.1	81.7
76.6	77.1	77.4	76.0	76.3	77.2	77.1	76.3	74.2	75.7	76.1	73.2	76.8	75.0	77.7	76.9	77.1	77.4
75.9	78.0	78.2	78.4	78.5	78.0	79.8	79.2	78.4	78.5	76.8	76.2	75.5	76.1	77.0	78.2	78.4	77.7
85.2	84.3	84.9	85.1	85.6	84.9	86.3	87.8	85.4	85.2	85.0	85.7	85.9	85.3	84.0	86.5	86.6	86.9
86.4	84.8	82.8	84.2	83.9	86.8	87.8	88.7	88.8	87.1	89.3	86.8	87.3	87.2	85.7	85.0	84.7	87.3
81.7	83.6	82.5	82.5	81.3	81.3	81.4	81.3	83.2	81.2	81.8	79.5	81.3	83.1	83.4	81.6	80.4	81.6
81.4	83.1	80.2	79.9	79.8	81.0	82.0	81.4	84.5	81.1	81.7	78.1	80.8	82.7	83.4	79.4	79.3	80.6
82.4	84.6	84.5	85.5	83.3	81.3	80.2	80.7	81.1	81.0	82.0	80.8	82.3	84.3	82.9	83.3	82.3	83.0
84.7	87.2	87.9	85.3	85.5	83.5	82.9	85.3	85.2	87.8	87.6	87.2	87.0	88.3	88.4	88.7	89.5	89.6
81.1	83.1	83.7	83.5	81.1	81.7	81.6	81.8	83.1	81.2	81.2	79.7	80.6	82.0	83.6	83.2	79.3	80.9
81.9	83.2	82.8	83.9	84.4	84.5	84.8	84.7	84.5	84.9	86.1	83.8	82.7	84.2	83.9	84.9	84.3	84.9
82.6	83.9	85.4	85.8	86.0	86.7	86.4	86.7	86.6	86.5	88.9	84.3	82.7	84.5	85.5	86.2	82.9	84.6
78.7	78.4	78.6	80.0	80.6	80.4	81.5	80.0	78.8	80.6	81.4	82.0	79.9	80.8	81.5	81.7	82.5	82.3
83.3	85.7	83.5	84.8	85.6	85.4	85.6	86.2	86.4	86.3	86.9	84.5	84.4	86.1	84.1	86.0	86.5	86.7
83.4	84.2	81.4	82.6	82.6	81.0	82.0	79.7	79.0	79.7	82.8	80.2	83.6	84.2	79.3	84.1	85.4	84.2
82.8	83.6	80.2	81.8	82.0	80.0	81.1	78.2	77.5	78.1	82.1	78.7	82.5	83.0	77.1	83.6	85.0	84.1
82.8	83.1	82.5	82.7	83.0	82.9	82.6	81.6	82.9	83.7	84.3	82.7	85.4	86.1	84.9	84.1	86.4	83.4
88.5	89.5	88.2	88.4	86.4	85.8	87.6	87.3	84.9	86.5	86.3	87.7	88.8	89.9	88.3	87.6	87.4	86.2
88.1	83.4	84.5	85.7	81.3	82.0	82.1	81.8	84.2	83.6	83.5	86.1	87.6	84.2	86.1	85.9	84.6	84.6
92.0	83.4	85.4	87.5	79.3	80.0	79.8	80.0	83.4	83.3	82.0	90.3	90.4	83.8	88.7	86.7	83.7	84.4
83.8	83.7	82.8	83.7	84.5	83.7	84.9	84.0	83.4	82.0	83.8	75.7	84.2	83.9	78.4	87.1	87.9	84.1
83.0	81.7	82.1	81.3	82.4	82.8	83.6	83.1	85.7	83.8	85.3	82.7	82.8	81.1	82.6	80.4	83.0	83.2
82.2	84.6	85.2	84.8	84.5	87.2	86.8	85.1	87.2	87.1	87.6	86.5	85.3	89.4	89.5	85.7	85.5	87.4
82.7	83.2	82.2	82.8	82.3	81.9	82.2	81.4	81.8	81.2	82.5	81.1	82.9	83.6	82.4	83.2	83.3	83.4

Jadual 1: Kapasiti Penggunaan Industri Pembuatan mengikut Subsektor (samb.)
Table 1: Manufacturing Industry Capacity Utilisation by Sub-sector (cont.)

Keterangan Subsektor Sub-sector Description		2025	2026						
		Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
1	Makanan, minuman dan tembakau Food, beverages and tobacco	83.8	83.9	82.1	80.0	82.0	83.8	83.7	82.8
10	Pembuatan produk makanan Manufacture of food products	83.0	83.1	80.8	78.9	80.9	82.9	82.8	81.9
11	Pembuatan minuman Manufacture of beverages	85.2	85.3	85.2	79.6	81.5	84.6	83.9	83.4
12	Pembuatan produk tembakau Manufacture of tobacco products	94.9	94.4	96.3	96.4	97.7	96.2	96.4	95.1
2	Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	84.0	82.5	83.1	80.2	84.7	82.6	80.9	80.7
13	Pembuatan tekstil Manufacture of textiles	82.1	78.9	80.9	79.5	81.8	79.8	79.9	80.1
14	Pembuatan pakaian Manufacture of wearing apparel	85.5	85.4	84.8	79.7	87.7	84.7	80.4	80.3
15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	85.6	85.8	85.4	84.6	85.2	85.1	86.8	84.6
3	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	82.0	82.4	81.5	81.0	81.2	80.9	80.8	81.0
16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	77.3	77.1	75.7	76.0	75.0	74.0	76.1	75.9
17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	78.5	78.4	77.9	76.3	77.8	78.2	75.6	77.6
18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	86.5	87.9	86.0	85.6	85.3	87.5	86.2	85.3
31	Pembuatan perabot Manufacture of furniture	88.1	89.3	89.4	88.8	89.6	87.5	88.1	87.7
4	Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	81.1	80.8	83.1	81.0	82.1	81.5	81.4	82.6
19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	80.8	79.1	83.8	80.5	82.2	79.8	81.4	81.7
20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	81.2	82.6	82.3	81.7	82.6	82.9	80.9	83.6
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceuticals, medicinal chemical and botanical products	86.6	89.5	87.2	87.9	85.9	87.6	86.3	87.8
22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	80.8	81.1	82.2	80.3	80.8	82.6	81.6	82.7
5	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	84.6	85.3	85.1	83.8	85.0	84.7	83.5	84.3
23	Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	86.5	86.9	87.1	85.2	85.9	85.1	84.2	85.2
24	Pembuatan logam asas Manufacture of basic metals	82.2	81.6	80.5	80.7	81.6	82.3	80.2	81.7
25	Pembuatan produk logam, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	84.7	86.4	86.5	84.7	86.6	85.8	84.9	85.2
6	Produk elektrik dan elektronik Electrical and electronic products	84.4	84.5	83.0	82.2	84.0	82.4	85.8	87.7
26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	84.2	84.3	82.6	81.9	83.9	81.6	85.5	87.7
27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	82.9	82.7	83.1	81.0	82.2	82.9	85.5	85.9
28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	87.7	87.4	86.0	85.1	86.8	87.8	87.9	89.9
7	Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	85.0	85.0	86.1	84.3	84.2	87.5	86.7	87.5
29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	84.7	85.0	86.6	84.8	84.7	91.7	90.1	90.9
30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	85.3	84.9	85.1	83.4	83.8	82.1	82.4	83.0
32	Pembuatan lain Other manufacturing	83.8	83.3	84.2	81.0	79.2	79.1	80.0	79.0
33	Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	87.1	87.0	87.5	86.5	87.7	85.7	84.9	88.1
Malaysia		83.2	83.3	83.4	81.8	83.1	82.9	83.5	84.5

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan
Table 2: Manufacturing Industry Capacity Utilisation by Group

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2024	2025	2024				2025	
				Q1	Q2	Q3	Q4	Q1	Q2
101	Pemprosesan dan pengawetan daging <i>Processing and preserving of meat</i>	91.6	90.1	89.3	92.6	93.1	91.3	89.2	92.8
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska <i>Processing and preserving of fish, crustaceans and molluscs</i>	83.5	83.4	79.3	82.5	86.4	85.8	84.5	82.9
103	Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran <i>Processing and preserving of fruits and vegetable</i>	84.9	82.4	85.6	82.9	86.0	85.2	79.2	83.9
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	75.7	78.7	70.5	75.4	79.4	77.6	72.8	80.1
105	Pembuatan produk tenusu <i>Manufacture of dairy products</i>	81.7	89.8	78.2	80.2	82.9	85.6	88.6	89.6
106	Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>	79.7	80.4	80.3	78.5	80.1	80.0	80.0	78.8
107	Pembuatan produk makanan lain <i>Manufacture of other food products</i>	84.5	85.1	85.4	83.6	84.9	84.0	84.8	85.0
108	Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>	82.3	86.3	78.5	82.8	83.9	84.1	85.2	87.5
110	Pembuatan minuman ringan <i>Manufacture of beverages</i>	81.6	84.1	81.1	81.9	80.6	82.7	83.0	83.9
120	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	92.5	90.4	94.8	94.7	88.4	92.0	96.7	85.3
131	Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	80.1	79.0	76.9	80.7	81.0	81.6	82.0	77.7
139	Pembuatan tekstil lain <i>Manufacture of other textiles</i>	88.2	86.7	86.9	89.2	88.8	88.0	87.4	86.0
141	Pembuatan pakaian, kecuali pakaian berbulu <i>Manufacture of wearing apparel, except fur apparel</i>	81.7	82.0	78.7	82.0	82.6	83.2	80.4	80.2
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye <i>Manufacture of articles of fur, knitted and crocheted apparel</i>	82.8	97.3	81.2	82.4	86.3	81.4	97.8	96.7
151	Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	88.2	89.6	88.8	87.9	90.0	86.2	88.5	91.0
152	Pembuatan kasut <i>Manufacture of footwear</i>	83.2	84.3	87.1	82.7	79.6	83.3	87.6	86.9
161	Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	77.7	79.0	78.1	78.4	77.8	76.6	76.0	78.1
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	74.3	75.3	70.5	73.6	76.1	76.9	75.2	74.0
170	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	78.1	77.5	78.1	77.1	78.4	79.0	77.9	75.9
181 & 182	Percetakan dan aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman <i>Printing and service activities related to printing & reproduction of recorded media</i>	85.2	85.9	84.1	85.0	85.2	86.3	85.2	85.6
192	Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	81.8	81.0	84.2	81.6	80.0	81.4	82.4	80.5
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	81.5	81.8	79.4	82.4	84.1	80.0	80.5	82.2
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia <i>Manufacture of other chemical products and man-made fibres</i>	83.6	84.0	82.1	83.1	85.6	83.4	84.4	83.5
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	85.2	87.9	85.2	85.6	86.2	83.9	86.9	87.5
221	Pembuatan produk getah <i>Manufacture of rubber products</i>	82.5	81.9	82.5	81.9	83.3	82.4	83.5	80.7
222	Pembuatan produk plastik <i>Manufacture of plastics products</i>	80.9	80.9	79.6	80.7	82.3	81.0	80.2	80.9

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)*Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)*

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026		2024			
		Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
101	Pemprosesan dan pengawetan daging <i>Processing and preserving of meat</i>	89.9	88.6	86.0	91.4	90.3	90.1	87.3	91.5
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska <i>Processing and preserving of fish, crustaceans and molluscs</i>	82.9	83.2	82.6	82.5	79.3	79.0	79.4	81.3
103	Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran <i>Processing and preserving of fruits and vegetable</i>	83.1	83.2	83.1	83.5	87.3	84.1	85.5	80.8
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	80.4	81.3	76.7	79.8	71.9	68.6	71.1	70.5
105	Pembuatan produk tenusu <i>Manufacture of dairy products</i>	92.5	88.2	84.9	88.1	78.6	77.8	78.2	83.1
106	Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>	80.0	82.8	81.8	83.3	80.9	78.4	81.6	79.9
107	Pembuatan produk makanan lain <i>Manufacture of other food products</i>	85.9	84.6	84.3	83.4	86.5	84.5	85.1	83.2
108	Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>	87.9	84.5	80.2	88.4	78.7	77.4	79.4	82.7
110	Pembuatan minuman ringan <i>Manufacture of beverages</i>	84.3	85.0	82.1	84.0	81.5	80.0	81.9	82.6
120	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	85.2	94.5	96.8	95.9	93.0	94.4	96.9	95.5
131	Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	78.1	78.3	77.8	76.8	74.8	77.0	78.9	76.5
139	Pembuatan tekstil lain <i>Manufacture of other textiles</i>	86.9	86.7	88.2	88.0	83.0	87.7	89.8	88.5
141	Pembuatan pakaian, kecuali pakaian berbulu <i>Manufacture of wearing apparel, except fur apparel</i>	82.2	85.2	83.9	81.6	78.7	72.7	84.7	82.3
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye <i>Manufacture of articles of fur, knitted and crocheted apparel</i>	97.6	97.1	88.2	89.1	80.8	79.8	83.0	81.8
151	Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	85.7	93.3	87.1	86.9	93.7	83.9	88.9	87.9
152	Pembuatan kasut <i>Manufacture of footwear</i>	82.4	80.3	83.6	84.5	89.9	83.6	87.8	82.7
161	Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	80.6	81.2	76.8	79.0	81.3	76.4	76.6	78.6
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	76.2	76.0	75.2	74.1	68.0	70.5	73.0	68.1
170	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	77.9	78.2	77.4	77.1	78.9	78.1	77.3	77.3
181 & 182	Percetakan dan aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman <i>Printing and service activities related to printing & reproduction of recorded media</i>	85.7	87.1	85.6	86.4	84.1	83.8	84.3	85.6
192	Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	80.7	80.2	82.2	81.0	84.4	84.0	84.3	80.2
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	82.6	81.7	81.8	81.5	79.7	76.9	81.6	80.3
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia <i>Manufacture of other chemical products and man-made fibres</i>	83.6	84.4	83.9	85.7	81.8	81.7	82.7	82.3
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	88.8	88.6	87.0	87.2	83.6	86.1	86.1	84.8
221	Pembuatan produk getah <i>Manufacture of rubber products</i>	82.2	81.2	82.8	83.2	83.1	80.8	83.5	81.3
222	Pembuatan produk plastik <i>Manufacture of plastics products</i>	81.8	80.7	79.4	81.5	81.4	78.9	78.5	78.0

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
93.3	93.1	94.4	92.8	92.0	89.2	92.0	92.6	92.1	82.7	92.9	93.4	93.0	92.0	87.3	91.6	90.9	88.8
84.2	82.0	87.2	87.2	84.9	85.3	86.0	86.0	85.9	86.7	80.9	82.2	83.9	82.7	83.3	82.9	82.4	82.9
82.9	85.2	83.2	87.3	87.5	84.8	84.4	86.5	78.5	77.6	81.5	82.5	82.4	86.7	84.1	83.1	82.1	82.5
77.4	78.1	79.0	79.7	79.6	79.8	77.6	75.5	73.3	71.9	73.3	77.1	80.2	83.0	81.2	78.4	81.6	82.5
79.4	78.1	78.4	81.2	89.2	83.7	84.5	88.7	88.2	88.6	89.1	86.9	89.4	92.5	91.2	92.6	93.8	86.4
78.5	77.0	79.2	79.7	81.4	79.9	81.1	79.1	78.7	82.6	78.6	79.5	79.1	77.7	79.2	79.9	80.8	82.0
84.0	83.6	85.6	84.7	84.5	84.4	83.9	83.7	85.9	85.1	83.4	84.5	85.6	84.9	86.6	85.8	85.2	84.9
83.4	82.2	83.3	84.4	83.9	83.0	84.8	84.6	84.7	83.4	87.5	87.1	87.9	87.5	86.6	87.7	89.3	83.6
83.0	80.0	79.9	80.6	81.3	81.1	83.2	84.0	83.2	82.3	83.5	83.7	85.5	82.6	83.9	84.4	84.5	84.6
96.5	92.0	88.3	87.3	89.6	90.6	92.7	92.5	96.2	97.4	96.6	83.8	87.5	84.7	82.6	80.4	92.7	94.2
82.1	83.5	79.8	81.2	82.1	81.8	82.7	80.3	81.2	81.7	83.1	77.2	77.7	78.0	77.0	77.9	79.4	79.1
89.5	89.7	89.2	87.9	89.1	87.6	87.7	88.8	87.0	87.6	87.7	85.3	86.0	86.6	87.9	85.8	86.9	85.6
81.8	82.0	82.4	82.4	83.1	84.3	84.4	81.1	79.8	79.6	81.7	80.6	80.3	79.8	81.2	82.0	83.2	85.2
82.4	82.9	81.0	88.9	89.0	81.0	81.7	81.5	96.5	97.9	99.1	97.8	96.5	95.7	98.7	97.3	96.7	96.9
88.9	86.9	88.9	92.2	88.9	88.0	84.8	85.8	88.7	87.8	89.0	90.8	93.1	89.0	83.8	80.7	92.6	93.1
83.0	82.3	78.4	78.2	82.2	80.4	84.1	85.4	87.3	86.7	88.7	87.1	87.8	85.9	82.4	86.0	79.0	78.1
77.8	78.8	78.7	79.0	75.8	78.4	75.1	76.5	77.2	73.5	77.3	78.0	78.4	77.9	81.7	79.5	80.5	81.7
76.2	76.6	76.9	75.0	76.5	76.9	77.7	76.2	73.3	76.4	75.8	71.7	76.3	74.1	76.5	76.0	76.0	76.0
75.9	78.0	78.2	78.4	78.5	78.0	79.8	79.2	78.4	78.5	76.8	76.2	75.5	76.1	77.0	78.2	78.4	77.7
85.2	84.3	84.9	85.1	85.6	84.9	86.3	87.8	85.4	85.2	85.0	85.7	85.9	85.3	84.0	86.5	86.6	86.9
81.4	83.1	80.2	79.9	79.8	81.0	82.0	81.4	84.5	81.1	81.7	78.1	80.8	82.7	83.4	79.4	79.3	80.6
82.0	85.1	84.0	85.6	82.7	80.5	79.3	80.0	80.1	79.8	81.7	80.2	81.9	84.5	82.6	83.5	81.8	82.4
84.0	83.0	86.2	85.1	85.7	84.1	83.3	83.0	84.6	85.6	83.1	83.2	83.7	83.7	83.9	82.7	84.1	85.2
84.7	87.2	87.9	85.3	85.5	83.5	82.9	85.3	85.2	87.8	87.6	87.2	87.0	88.3	88.4	88.7	89.5	89.6
80.9	83.4	83.8	84.3	81.8	82.3	81.1	83.7	83.9	82.9	83.7	80.9	80.1	81.0	83.7	83.8	79.2	80.6
81.3	82.7	83.7	82.8	80.4	81.0	82.2	79.8	82.3	79.5	78.8	78.6	81.1	83.0	83.4	82.6	79.4	81.1

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)

Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026					
		Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging <i>Processing and preserving of meat</i>	88.5	88.5	88.0	84.3	85.8	91.7	92.2	90.2
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska <i>Processing and preserving of fish, crustaceans and molluscs</i>	82.8	83.7	83.9	82.3	81.7	82.7	82.7	82.1
103	Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran <i>Processing and preserving of fruits and vegetable</i>	83.0	84.3	83.9	82.1	83.4	84.9	82.2	83.3
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	80.6	80.8	77.3	74.8	78.1	80.2	79.9	79.3
105	Pembuatan produk tenusu <i>Manufacture of dairy products</i>	89.6	88.7	85.7	84.0	85.2	85.0	89.1	90.2
106	Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>	83.3	83.0	81.3	81.2	83.0	82.6	83.4	83.9
107	Pembuatan produk makanan lain <i>Manufacture of other food products</i>	84.3	84.7	85.6	83.5	83.8	84.6	84.0	81.6
108	Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>	85.1	84.8	78.5	80.3	81.7	88.9	88.2	88.1
110	Pembuatan minuman ringan <i>Manufacture of beverages</i>	85.2	85.3	85.2	79.6	81.5	84.6	83.9	83.4
120	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	94.9	94.4	96.3	96.4	97.7	96.2	96.4	95.1
131	Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	80.0	75.7	77.3	76.9	79.4	76.9	76.3	77.1
139	Pembuatan tekstil lain <i>Manufacture of other textiles</i>	87.4	87.1	90.3	86.2	88.1	87.3	88.9	87.9
141	Pembuatan pakaian, kecuali pakaian berbulu <i>Manufacture of wearing apparel, except fur apparel</i>	85.3	85.2	84.6	79.5	87.7	84.6	80.1	80.0
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye <i>Manufacture of articles of fur, knitted and crocheted apparel</i>	96.6	98.0	89.6	87.6	87.5	88.8	89.3	89.3
151	Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	93.0	93.8	87.3	85.5	88.5	83.9	89.9	86.9
152	Pembuatan kasut <i>Manufacture of footwear</i>	81.5	81.4	84.1	83.9	82.9	86.0	84.6	83.0
161	Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	81.7	80.2	75.8	80.0	74.6	77.4	78.4	81.3
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	75.9	76.1	75.7	74.8	75.1	72.9	75.3	74.2
170	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	78.5	78.4	77.9	76.3	77.8	78.2	75.6	77.6
181 & 182	Percetakan dan aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman <i>Printing and service activities related to printing & reproduction of recorded media</i>	86.5	87.9	86.0	85.6	85.3	87.5	86.2	85.3
192	Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	80.8	79.1	83.8	80.5	82.2	79.8	81.4	81.7
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	80.4	82.3	81.2	81.5	82.5	81.6	80.0	83.1
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia <i>Manufacture of other chemical products and man-made fibres</i>	84.3	83.8	86.1	82.6	83.1	87.5	84.4	85.2
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	86.6	89.5	87.2	87.9	85.9	87.6	86.3	87.8
221	Pembuatan produk getah <i>Manufacture of rubber products</i>	80.4	82.5	82.8	82.2	83.4	84.4	82.1	83.1
222	Pembuatan produk plastik <i>Manufacture of plastics products</i>	81.3	79.7	81.6	78.4	78.3	80.8	81.2	82.3

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2024	2025	2024				2025	
				Q1	Q2	Q3	Q4	Q1	Q2
231	Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	84.4	85.1	87.5	83.3	83.9	82.9	90.9	83.7
239	Pembuatan pengeluaran galian bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	85.5	85.6	85.2	83.6	86.0	87.1	86.8	83.8
241	Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	80.6	80.8	80.1	80.2	81.2	80.7	80.4	80.7
242	Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	78.3	82.7	77.6	76.9	77.8	81.0	81.6	81.8
243	Pengacuan logam <i>Casting of metals</i>	75.8	79.2	76.6	73.7	74.9	77.9	74.1	79.0
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru <i>Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition</i>	87.3	89.0	85.1	87.2	88.4	88.5	89.7	89.2
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metal working service activities</i>	82.6	83.9	82.1	81.6	82.4	84.1	84.8	82.6
261	Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	79.2	82.8	77.0	81.9	79.0	79.0	80.4	82.1
262	Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	77.2	80.0	76.2	75.8	81.0	75.7	72.0	81.4
263	Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	83.5	84.3	77.5	84.0	85.5	87.0	88.6	86.1
264	Pembuatan peralatan elektronik pengguna <i>Manufacture of consumer electronics</i>	80.7	76.6	75.1	82.3	84.2	81.4	74.6	74.9
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	83.3	85.1	80.9	75.5	89.3	87.4	87.6	87.8
266	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i>	85.1	87.2	92.7	82.2	88.3	77.3	82.5	87.1
267 & 268	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal <i>Manufacture of optical instruments, photographic equipment, magnetic and optical media</i>	82.9	83.3	85.7	83.7	86.7	75.7	79.0	83.1
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	81.1	84.0	79.7	79.1	84.2	81.2	83.4	84.5
272	Pembuatan bateri dan akumulator <i>Manufacture of batteries and accumulators</i>	74.5	76.7	82.9	74.6	71.8	68.6	62.1	83.3
273	Pembuatan pendawaian dan peranti pendawaian <i>Manufacture of wiring and wiring devices</i>	82.6	85.9	82.8	80.6	83.2	84.0	84.2	87.3
274	Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>	84.1	71.5	87.6	84.7	82.1	82.2	69.0	69.9
275	Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>	86.5	88.9	79.2	91.2	90.5	85.0	91.8	87.8
279	Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>	80.8	81.2	79.9	83.1	74.2	85.9	85.8	80.4
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas <i>Manufacture of general-purpose and special-purpose machinery</i>	86.7	87.4	83.7	88.5	87.7	86.9	85.9	88.8
291	Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	87.0	86.8	91.5	89.9	86.3	80.3	84.3	89.9
292	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	76.1	83.3	67.8	79.7	71.5	85.3	72.4	81.2
293	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor <i>Manufacture of parts and accessories for motor vehicles</i>	82.4	84.2	81.0	87.0	82.3	79.2	81.9	86.6
301	Pembinaan kapal dan bot <i>Building of ships and boats</i>	78.6	81.2	78.2	76.5	77.2	82.3	80.2	79.1
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan dan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c.</i>	86.9	85.0	88.1	86.1	88.1	85.4	85.0	82.7

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)*Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)*

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026		2024			
		Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
231	Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	80.2	85.5	84.1	80.7	88.9	86.8	86.8	83.2
239	Pembuatan pengeluaran galian bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	85.6	86.1	86.3	85.4	85.9	84.6	85.1	84.4
241	Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	80.8	81.4	81.1	81.1	78.3	81.3	80.8	80.2
242	Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	84.1	83.4	81.3	82.2	78.9	76.3	77.7	78.7
243	Pengacuan logam <i>Casting of metals</i>	82.1	81.5	77.7	80.5	79.5	76.1	74.2	72.5
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru <i>Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition</i>	88.6	88.8	90.8	89.3	86.2	84.0	85.2	85.9
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metal working service activities</i>	83.8	84.4	83.1	83.0	82.6	80.3	83.5	79.7
261	Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	82.1	86.5	84.2	86.6	75.0	75.6	80.3	77.5
262	Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	83.4	83.2	84.3	83.7	76.6	79.4	72.7	69.9
263	Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	84.3	78.1	84.5	79.2	79.1	74.9	78.6	79.0
264	Pembuatan peralatan elektronik pengguna <i>Manufacture of consumer electronics</i>	77.0	80.0	74.6	82.1	74.8	72.5	77.9	80.0
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	85.3	79.6	85.7	83.5	78.1	76.7	88.0	67.9
266	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i>	90.2	88.8	90.7	90.5	93.9	90.5	93.6	80.1
267 & 268	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal <i>Manufacture of optical instruments, photographic equipment, magnetic and optical media</i>	84.5	86.5	83.8	82.6	81.4	89.0	86.7	81.8
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	84.6	83.6	80.4	85.5	78.7	79.0	81.6	76.6
272	Pembuatan bateri dan akumulator <i>Manufacture of batteries and accumulators</i>	88.0	73.4	78.6	91.1	82.6	81.3	84.9	76.7
273	Pembuatan pendawaian dan peranti pendawaian <i>Manufacture of wiring and wiring devices</i>	86.5	85.8	85.1	83.8	84.7	80.6	83.1	79.8
274	Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>	73.4	73.6	77.2	79.0	90.1	84.8	88.0	87.4
275	Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>	89.3	86.5	80.5	80.4	76.0	75.1	86.6	89.6
279	Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>	79.1	79.5	85.8	88.9	77.6	83.0	79.2	83.1
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas <i>Manufacture of general-purpose and special-purpose machinery</i>	87.8	87.1	86.0	88.6	82.6	82.9	85.6	87.5
291	Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	87.1	85.8	85.5	94.3	92.9	91.1	90.4	89.8
292	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	89.7	89.9	90.9	80.3	63.4	70.8	69.1	87.5
293	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor <i>Manufacture of parts and accessories for motor vehicles</i>	85.4	83.0	84.9	87.8	84.9	80.8	77.3	89.3
301	Pembinaan kapal dan bot <i>Building of ships and boats</i>	84.3	81.2	83.2	75.0	82.3	76.6	75.7	84.2
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan dan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c.</i>	84.6	87.7	84.7	87.7	86.8	87.2	90.4	81.9

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
85.6	81.1	83.0	83.4	85.4	81.0	81.8	86.0	90.3	90.9	91.6	92.2	80.2	78.7	81.4	81.7	77.5	83.1
82.1	84.3	85.7	86.2	86.1	87.5	87.1	86.8	86.0	85.8	88.4	83.1	83.1	85.3	86.1	86.8	83.7	84.8
80.4	80.1	80.2	80.9	82.5	81.1	81.5	79.7	78.6	80.6	81.8	81.5	79.5	81.0	80.0	80.8	81.4	81.3
75.9	76.1	75.6	79.6	78.2	79.4	82.7	80.8	79.1	82.5	83.0	83.6	80.8	81.0	84.1	83.6	84.7	84.6
75.4	73.3	77.8	73.1	73.8	77.7	76.8	79.1	79.4	72.3	70.6	79.2	80.0	77.7	83.3	81.0	82.0	80.8
85.7	89.9	87.7	88.3	89.0	88.7	88.0	88.7	90.0	89.8	89.3	89.6	87.6	90.2	88.1	88.6	89.0	88.9
81.9	83.1	81.0	82.6	83.6	83.5	84.2	84.7	84.5	84.4	85.5	81.5	82.6	83.8	81.9	84.6	85.1	85.5
82.2	85.9	78.4	79.5	79.3	78.9	78.5	79.4	77.8	79.3	84.2	79.6	82.6	84.1	75.8	83.9	86.5	85.3
80.9	76.7	77.2	85.7	80.1	73.7	81.5	71.8	72.9	69.3	73.9	77.9	81.5	84.8	82.6	84.3	83.4	86.0
89.0	84.0	82.8	86.8	87.0	82.5	89.7	88.9	87.0	87.3	91.5	83.4	84.6	90.4	82.8	84.2	85.9	79.2
84.0	82.8	82.8	81.4	88.3	84.4	82.9	76.8	74.0	74.5	75.3	72.2	79.1	73.3	71.9	79.7	79.5	79.8
80.9	77.7	89.7	88.9	89.2	87.5	87.5	87.2	86.9	86.8	89.2	84.4	88.2	90.8	82.3	87.6	86.0	78.3
81.7	84.7	92.4	88.3	84.1	86.5	88.0	57.6	78.3	82.4	86.8	82.2	93.4	85.7	86.9	92.4	91.4	94.4
87.0	82.4	89.4	84.7	85.9	75.5	83.4	68.2	79.4	74.6	83.1	87.0	86.5	75.8	84.9	84.2	84.5	87.3
78.9	82.0	84.4	85.1	83.0	82.9	80.8	79.9	81.9	83.0	85.3	84.2	83.8	85.4	87.8	82.3	83.6	83.9
77.7	69.3	71.4	71.6	72.4	69.0	73.4	63.3	62.5	60.7	63.0	84.4	83.7	81.8	87.6	84.7	91.6	83.7
80.4	81.4	82.7	84.1	82.8	83.7	83.0	85.3	83.7	84.1	84.8	87.3	85.4	89.1	87.4	87.1	85.0	83.5
84.6	81.9	83.5	82.3	80.4	83.1	78.1	85.2	66.6	70.2	70.2	69.0	71.6	69.3	73.6	74.1	72.6	73.9
92.2	92.0	95.8	85.9	89.8	88.7	84.1	82.0	89.0	94.7	91.8	81.1	91.8	90.6	87.2	85.6	95.0	89.3
83.5	82.8	65.9	77.3	79.5	80.9	89.0	88.0	88.1	84.0	85.4	76.7	82.6	81.9	73.2	82.7	81.5	75.6
88.5	89.5	88.2	88.4	86.4	85.8	87.6	87.3	84.9	86.5	86.3	87.7	88.8	89.9	88.3	87.6	87.4	86.2
94.5	85.4	89.5	90.0	79.4	81.1	81.0	78.6	85.9	85.1	81.9	91.4	91.2	87.1	89.3	88.5	83.4	87.5
73.7	78.0	75.2	66.9	72.3	83.6	86.8	85.4	72.5	73.5	71.3	76.7	79.1	87.7	90.6	89.4	89.1	87.7
90.3	81.3	81.5	85.9	79.6	78.5	77.8	81.3	81.3	81.8	82.7	89.9	90.1	79.8	87.9	84.5	83.7	80.5
78.8	66.5	74.6	77.2	79.9	79.8	83.2	83.9	81.9	78.7	79.9	73.1	79.0	85.2	80.0	85.2	87.6	81.4
87.2	89.4	88.5	88.2	87.7	86.2	85.9	83.9	84.4	84.2	86.4	77.5	87.7	83.0	77.3	88.4	88.0	85.9

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)*Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)*

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026					
		Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
231	Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	86.2	87.1	83.6	80.2	88.6	80.7	78.4	82.9
239	Pembuatan pengeluaran galian bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	86.5	86.9	87.5	85.9	85.5	85.6	84.9	85.5
241	Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	81.5	81.5	80.5	81.0	81.7	82.2	79.6	81.6
242	Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	83.9	81.6	80.1	81.1	82.8	83.0	81.8	82.0
243	Pengacuan logam <i>Casting of metals</i>	81.3	82.4	82.4	75.9	74.8	80.6	79.3	81.7
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru <i>Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition</i>	88.6	88.8	91.7	90.2	90.4	89.7	89.1	89.1
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metal working service activities</i>	82.5	85.0	83.5	81.5	84.4	83.6	82.5	83.0
261	Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	87.3	87.0	82.4	83.2	86.9	82.2	87.3	90.3
262	Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	81.6	81.9	88.4	82.4	81.9	82.8	84.3	84.2
263	Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	78.0	77.0	83.7	84.8	84.9	77.8	79.0	80.9
264	Pembuatan peralatan elektronik pengguna <i>Manufacture of consumer electronics</i>	78.9	81.2	75.5	74.3	73.9	77.8	83.3	85.1
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	79.1	81.4	85.1	86.9	85.0	85.6	81.8	83.1
266	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik <i>Manufacture of irradiation, electromedical and electrotherapeutic equipment</i>	89.7	82.2	95.8	87.3	89.2	90.4	89.6	91.7
267 & 268	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal <i>Manufacture of optical instruments, photographic equipment, magnetic and optical media</i>	84.5	87.7	84.6	82.7	84.0	82.4	81.7	83.7
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	84.0	82.8	80.5	79.8	80.8	86.1	85.2	85.1
272	Pembuatan bateri dan akumulator <i>Manufacture of batteries and accumulators</i>	73.5	63.1	73.2	74.1	88.6	90.2	92.7	90.5
273	Pembuatan pendawaian dan peranti pendawaian <i>Manufacture of wiring and wiring devices</i>	86.9	86.9	87.8	83.8	83.7	84.5	84.5	82.4
274	Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>	74.1	72.7	81.5	75.0	75.2	79.9	76.8	80.2
275	Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>	85.6	84.7	84.4	81.0	76.1	73.3	82.2	85.6
279	Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>	77.4	85.6	84.6	83.5	89.4	84.6	90.3	91.8
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas <i>Manufacture of general-purpose and special-purpose machinery</i>	87.7	87.4	86.0	85.1	86.8	87.8	87.9	89.9
291	Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	84.9	85.0	87.3	84.6	84.5	92.7	94.7	95.4
292	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	91.8	90.3	89.1	94.7	88.8	89.8	71.5	79.8
293	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor <i>Manufacture of parts and accessories for motor vehicles</i>	84.0	84.6	85.5	84.4	84.7	90.7	86.1	86.5
301	Pembinaan kapal dan bot <i>Building of ships and boats</i>	82.8	79.4	85.7	82.0	82.1	75.2	74.9	75.0
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan dan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c.</i>	88.5	88.8	84.7	84.4	85.0	87.1	87.7	88.5

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2024	2025	2024				2025	
				Q1	Q2	Q3	Q4	Q1	Q2
310	Pembuatan perabot <i>Manufacture of furniture</i>	86.3	87.2	88.0	85.8	83.6	87.8	88.4	87.1
321	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan <i>Manufacture of jewellery, bijouterie and related articles</i>	85.5	88.5	88.3	85.6	83.8	84.4	89.6	86.2
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l. <i>Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.</i>	81.8	81.0	80.4	81.2	81.8	83.8	83.4	81.0
323	Pembuatan barangan sukan <i>Manufacture of sports goods</i>	92.1	74.3	87.4	91.7	94.4	95.0	76.3	74.6
324	Pembuatan permainan dan mainan <i>Manufacture of games and toys</i>	75.0	82.7	74.2	76.3	75.4	74.0	82.2	79.7
331 & 332	Pembaikan pemasangan produk logam, jentera dan kelengkapan serta pemasangan jentera perindustrian dan kelengkapan <i>Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment</i>	84.9	87.1	84.8	83.6	84.8	86.4	87.3	87.1
Malaysia		81.8	82.6	80.8	82.1	82.4	81.9	81.8	82.5

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)

Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026		2024			
		Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
310	Pembuatan perabot <i>Manufacture of furniture</i>	85.2	88.2	89.3	87.8	89.0	86.2	88.9	86.3
321	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan <i>Manufacture of jewellery, bijouterie and related articles</i>	87.3	91.1	83.0	66.5	91.9	84.6	88.4	86.7
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l. <i>Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.</i>	79.6	79.8	80.9	83.7	80.3	79.3	81.7	80.8
323	Pembuatan barangan sukan <i>Manufacture of sports goods</i>	71.8	74.4	88.8	87.4	90.4	82.8	88.9	90.4
324	Pembuatan permainan dan mainan <i>Manufacture of games and toys</i>	83.3	85.4	78.5	89.1	70.7	75.5	76.4	69.9
331 & 332	Pembaikan pemasangan produk logam, jentera dan kelengkapan serta pemasangan jentera perindustrian dan kelengkapan <i>Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment</i>	86.9	87.2	87.3	86.3	84.1	84.0	86.4	83.9
Malaysia		82.9	83.3	82.8	83.7	80.9	79.8	81.7	80.3

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
86.4	84.8	82.8	84.2	83.9	86.8	87.8	88.7	88.8	87.1	89.3	86.8	87.3	87.2	85.7	85.0	84.7	87.3
83.9	86.3	86.2	82.6	82.6	87.7	83.7	81.8	94.0	86.0	88.7	85.2	86.6	86.8	90.2	82.2	89.5	90.0
82.1	80.6	80.9	81.6	83.0	82.6	84.3	84.5	83.2	83.0	84.1	83.0	81.4	78.5	79.9	79.5	79.5	79.8
95.4	89.4	98.3	93.8	91.3	92.4	96.8	95.8	76.8	76.6	75.6	72.6	74.9	76.4	73.7	69.1	72.7	74.8
83.7	75.2	75.8	74.0	76.3	70.6	76.2	75.4	78.6	83.9	84.1	75.2	82.2	81.7	79.4	83.2	87.4	86.5
82.2	84.6	85.2	84.8	84.5	87.2	86.8	85.1	87.2	87.1	87.6	86.5	85.3	89.4	89.5	85.7	85.5	87.4
82.7	83.2	82.2	82.8	82.3	81.9	82.2	81.4	81.8	81.2	82.5	81.1	82.9	83.6	82.4	83.2	83.3	83.4

Jadual 2: Kapasiti Penggunaan Industri Pembuatan mengikut Kumpulan (samb.)

Table 2: Manufacturing Industry Capacity Utilisation by Group (cont.)

Kod Kumpulan Group Code	Keterangan Kumpulan Group Description	2025		2026					
		Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
310	Pembuatan perabot <i>Manufacture of furniture</i>	88.1	89.3	89.4	88.8	89.6	87.5	88.1	87.7
321	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan <i>Manufacture of jewellery, bijouterie and related articles</i>	93.0	90.2	90.3	82.6	76.0	66.6	69.7	63.3
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l. <i>Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.</i>	79.5	80.2	81.9	79.8	81.2	83.3	83.4	84.4
323	Pembuatan barangan sukan <i>Manufacture of sports goods</i>	74.2	74.3	82.6	91.9	91.9	91.5	91.0	79.8
324	Pembuatan permainan dan mainan <i>Manufacture of games and toys</i>	85.4	84.4	81.4	81.0	73.2	87.7	86.5	93.0
331 & 332	Pembaikan pemasangan produk logam, jentera dan kelengkapan serta pemasangan jentera perindustrian dan kelengkapan <i>Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment</i>	87.1	87.0	87.5	86.5	87.7	85.7	84.9	88.1
Malaysia		83.2	83.3	83.4	81.8	83.1	82.9	83.5	84.5

Jadual 3: Kapasiti Penggunaan Industri Pembuatan mengikut Industri Berorientasikan Eksport dan Industri Berorientasikan Domestik

Table 3: Manufacturing Industry Capacity Utilisation by Export-Oriented Industry and Domestic-Oriented Industry

Bil. No.	Kod Codes	Keterangan Description	2024	2025	2024		2025		Q1	Q2
					Q1	Q2	Q3	Q4		
	C	PEMBUATAN MANUFACTURING	81.8	82.6	80.8	82.1	82.4	81.9	81.8	82.5
1.		Industri Berorientasikan Eksport Export-Oriented Industries	80.9	81.7	79.5	81.3	81.8	80.9	80.6	81.6
1.1	104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	75.7	78.7	70.5	75.4	79.4	77.6	72.8	80.1
1.2	13	Pembuatan tekstil <i>Manufacture of textiles</i>	82.4	81.2	79.8	83.2	83.3	83.5	83.6	80.0
1.3	14	Pembuatan pakaian <i>Manufacture of wearing apparel</i>	81.7	82.3	78.8	82.0	82.7	83.2	80.7	80.5
1.4	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	75.1	76.2	72.4	74.8	76.6	76.9	75.4	75.0
1.5	19	Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	81.8	81.0	84.2	81.6	80.0	81.4	82.4	80.5
1.6	20	Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical product</i>	81.9	82.3	80.0	82.6	84.4	80.7	81.4	82.5
1.7	221	Pembuatan produk getah <i>Manufacture of rubber products</i>	82.5	81.9	82.5	81.9	83.3	82.4	83.5	80.7
1.8	222	Pembuatan produk plastik <i>Manufacture of plastic products</i>	80.9	80.9	79.6	80.7	82.3	81.0	80.2	80.9
1.9	26	Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	79.8	81.7	77.3	81.1	81.3	79.7	79.2	81.4
1.10	27	Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	82.1	84.1	80.8	82.4	82.7	82.4	83.6	84.7
1.11	28	Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	86.7	87.4	83.7	88.5	87.7	86.9	85.9	88.8
1.12	31	Pembuatan perabot <i>Manufacture of furniture</i>	86.3	87.2	88.0	85.8	83.6	87.8	88.4	87.1
2.		Industri Berorientasikan Domestik Domestic-Oriented Industries	83.7	84.7	83.6	83.7	83.8	83.9	84.5	84.4
2.1	10 (Kecuali 104)	Pembuatan produk proses makanan <i>Manufacture of food processing products</i>	84.2	85.9	83.3	83.5	85.1	84.8	85.3	86.1
2.2	11	Pembuatan minuman <i>Manufacture of beverages</i>	81.6	84.1	81.1	81.9	80.6	82.7	83.0	83.9
2.3	12	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	92.5	90.4	94.8	94.7	88.4	92.0	96.7	85.3
2.4	15	Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	84.9	86.2	87.7	84.4	83.1	84.3	87.9	88.6
2.5	17	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	78.1	77.5	78.1	77.1	78.4	79.0	77.9	75.9
2.6	18	Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	85.2	85.9	84.1	85.0	85.2	86.3	85.2	85.6
2.7	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical, medicinal chemical and botanical products</i>	85.2	87.9	85.2	85.6	86.2	83.9	86.9	87.5
2.8	23	Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	85.3	85.5	85.5	83.6	85.7	86.6	87.3	83.8
2.9	24	Pembuatan logam asas <i>Manufacture of basic metals</i>	79.6	81.3	79.1	78.8	79.7	80.6	80.3	80.9
2.10	25	Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	84.3	85.8	83.2	83.7	84.6	85.7	86.6	85.0
2.11	29	Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	84.6	85.5	86.1	88.3	84.1	79.9	82.9	88.2
2.12	30	Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	83.8	83.4	84.1	83.4	83.7	84.2	83.1	81.3
2.13	32	Pembuatan lain <i>Other manufacturing</i>	82.3	83.1	82.1	82.0	81.9	83.2	84.9	82.2
2.14	33	Membaiki dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	84.9	87.1	84.8	83.6	84.8	86.4	87.3	87.1

Jadual 3: Kapasiti Penggunaan Industri Pembuatan mengikut Industri Berorientasikan Eksport dan Industri Berorientasikan Domestik (samb.)

Table 3: Manufacturing Industry Capacity Utilisation by Export-Oriented Industry and Domestic-Oriented Industry (cont.)

Bil. No.	Kod Codes	Keterangan Description	2025		2026		2024			
			Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
	C	PEMBUATAN MANUFACTURING	82.9	83.3	82.8	83.7	80.9	79.8	81.7	80.3
1.		Industri Berorientasikan Eksport Export-Oriented Industries	82.0	82.5	82.0	82.9	79.3	78.3	80.9	78.6
1.1	104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	80.4	81.3	76.7	79.8	71.9	68.6	71.1	70.5
1.2	13	Pembuatan tekstil <i>Manufacture of textiles</i>	80.6	80.7	80.8	79.9	77.2	80.1	82.1	80.0
1.3	14	Pembuatan pakaian <i>Manufacture of wearing apparel</i>	82.4	85.5	84.1	81.8	78.7	72.9	84.6	82.3
1.4	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	77.2	77.3	75.6	75.3	71.2	71.9	73.9	70.7
1.5	19	Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	80.7	80.2	82.2	81.0	84.4	84.0	84.3	80.2
1.6	20	Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical product</i>	82.8	82.3	82.2	82.5	80.2	77.9	81.8	80.7
1.7	221	Pembuatan produk getah <i>Manufacture of rubber products</i>	82.2	81.2	82.8	83.2	83.1	80.8	83.5	81.3
1.8	222	Pembuatan produk plastik <i>Manufacture of plastic products</i>	81.8	80.7	79.4	81.5	81.4	78.9	78.5	78.0
1.9	26	Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	81.9	84.2	82.8	84.9	76.2	76.1	79.5	76.7
1.10	27	Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	85.1	83.0	82.1	84.8	79.9	79.5	83.1	81.4
1.11	28	Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	87.8	87.1	86.0	88.6	82.6	82.9	85.6	87.5
1.12	31	Pembuatan perabot <i>Manufacture of furniture</i>	85.2	88.2	89.3	87.8	89.0	86.2	88.9	86.3
2.		Industri Berorientasikan Domestik Domestic-Oriented Industries	84.9	85.0	84.5	85.2	84.3	83.0	83.6	83.7
2.1	10 (Kecuali 104)	Pembuatan produk proses makanan <i>Manufacture of food processing products</i>	86.8	85.2	83.7	85.3	84.1	82.6	83.2	83.6
2.2	11	Pembuatan minuman <i>Manufacture of beverages</i>	84.3	85.0	82.1	84.0	81.5	80.0	81.9	82.6
2.3	12	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	85.2	94.5	96.8	95.9	93.0	94.4	96.9	95.5
2.4	15	Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	83.5	84.9	85.1	85.5	91.2	83.7	88.2	84.4
2.5	17	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	77.9	78.2	77.4	77.1	78.9	78.1	77.3	77.3
2.6	18	Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	85.7	87.1	85.6	86.4	84.1	83.8	84.3	85.6
2.7	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical, medicinal chemical and botanical products</i>	88.8	88.6	87.0	87.2	83.6	86.1	86.1	84.8
2.8	23	Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	84.8	86.0	86.1	84.8	86.3	84.9	85.4	84.2
2.9	24	Pembuatan logam asas <i>Manufacture of basic metals</i>	81.9	82.0	80.9	81.4	78.6	79.4	79.4	79.2
2.10	25	Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	85.5	85.9	85.9	85.3	83.9	81.7	84.1	82.0
2.11	29	Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	86.4	84.7	85.4	90.9	88.5	85.9	83.9	89.5
2.12	30	Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	84.5	84.8	84.1	82.5	84.9	82.8	84.4	82.8
2.13	32	Pembuatan lain <i>Other manufacturing</i>	82.0	83.4	81.5	79.4	83.0	80.3	82.9	81.3
2.14	33	Membaiki dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	86.9	87.2	87.3	86.3	84.1	84.0	86.4	83.9

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
82.7	83.2	82.2	82.8	82.3	81.9	82.2	81.4	81.8	81.2	82.5	81.1	82.9	83.6	82.4	83.2	83.3	83.4
82.0	83.2	81.6	82.1	81.6	81.1	81.4	80.2	80.5	79.8	81.5	79.5	82.1	83.3	81.4	82.2	82.5	82.7
77.4	78.1	79.0	79.7	79.6	79.8	77.6	75.5	73.3	71.9	73.3	77.1	80.2	83.0	81.2	78.4	81.6	82.5
84.2	85.3	82.5	83.2	84.1	83.5	84.1	82.8	82.9	83.4	84.4	79.5	80.1	80.5	80.1	80.2	81.5	81.0
81.8	82.0	82.4	82.6	83.2	84.2	84.3	81.1	80.1	79.9	82.0	80.9	80.6	80.1	81.5	82.3	83.5	85.4
76.6	77.1	77.4	76.0	76.3	77.2	77.1	76.3	74.2	75.7	76.1	73.2	76.8	75.0	77.7	76.9	77.1	77.4
81.4	83.1	80.2	79.9	79.8	81.0	82.0	81.4	84.5	81.1	81.7	78.1	80.8	82.7	83.4	79.4	79.3	80.6
82.4	84.6	84.5	85.5	83.3	81.3	80.2	80.7	81.1	81.0	82.0	80.8	82.3	84.3	82.9	83.3	82.3	83.0
80.9	83.4	83.8	84.3	81.8	82.3	81.1	83.7	83.9	82.9	83.7	80.9	80.1	81.0	83.7	83.8	79.2	80.6
81.3	82.7	83.7	82.8	80.4	81.0	82.2	79.8	82.3	79.5	78.8	78.6	81.1	83.0	83.4	82.6	79.4	81.1
82.8	83.6	80.2	81.8	82.0	80.0	81.1	78.2	77.5	78.1	82.1	78.7	82.5	83.0	77.1	83.6	85.0	84.1
82.8	83.1	82.5	82.7	83.0	82.9	82.6	81.6	82.9	83.7	84.3	82.7	85.4	86.1	84.9	84.1	86.4	83.4
88.5	89.5	88.2	88.4	86.4	85.8	87.6	87.3	84.9	86.5	86.3	87.7	88.8	89.9	88.3	87.6	87.4	86.2
86.4	84.8	82.8	84.2	83.9	86.8	87.8	88.7	88.8	87.1	89.3	86.8	87.3	87.2	85.7	85.0	84.7	87.3
84.1	83.2	83.6	84.3	83.6	83.5	84.0	84.1	84.4	84.2	84.7	84.4	84.7	84.2	84.6	85.1	84.9	84.8
83.8	83.2	84.8	84.9	85.7	84.4	84.8	85.2	86.0	84.8	85.1	85.5	86.5	86.4	86.6	86.8	86.9	84.9
83.0	80.0	79.9	80.6	81.3	81.1	83.2	84.0	83.2	82.3	83.5	83.7	85.5	82.6	83.9	84.4	84.5	84.6
96.5	92.0	88.3	87.3	89.6	90.6	92.7	92.5	96.2	97.4	96.6	83.8	87.5	84.7	82.6	80.4	92.7	94.2
85.0	83.9	81.9	82.9	84.5	83.0	84.4	85.6	87.9	87.1	88.8	88.7	90.0	87.0	83.0	83.7	83.8	83.4
75.9	78.0	78.2	78.4	78.5	78.0	79.8	79.2	78.4	78.5	76.8	76.2	75.5	76.1	77.0	78.2	78.4	77.7
85.2	84.3	84.9	85.1	85.6	84.9	86.3	87.8	85.4	85.2	85.0	85.7	85.9	85.3	84.0	86.5	86.6	86.9
84.7	87.2	87.9	85.3	85.5	83.5	82.9	85.3	85.2	87.8	87.6	87.2	87.0	88.3	88.4	88.7	89.5	89.6
82.6	83.9	85.4	85.8	86.0	86.7	86.4	86.7	86.6	86.5	88.9	84.3	82.7	84.5	85.5	86.2	82.9	84.6
78.7	78.4	78.6	80.0	80.6	80.4	81.5	80.0	78.8	80.6	81.4	82.0	79.9	80.8	81.5	81.7	82.5	82.3
83.3	85.7	83.5	84.8	85.6	85.4	85.6	86.2	86.4	86.3	86.9	84.5	84.4	86.1	84.1	86.0	86.5	86.7
92.0	83.4	85.4	87.5	79.3	80.0	79.8	80.0	83.4	83.3	82.0	90.3	90.4	83.8	88.7	86.7	83.7	84.4
83.8	83.7	82.8	83.7	84.5	83.7	84.9	84.0	83.4	82.0	83.8	75.7	84.2	83.9	78.4	87.1	87.9	84.1
83.0	81.7	82.1	81.3	82.4	82.8	83.6	83.1	85.7	83.8	85.3	82.7	82.8	81.1	82.6	80.4	83.0	83.2
82.2	84.6	85.2	84.8	84.5	87.2	86.8	85.1	87.2	87.1	87.6	86.5	85.3	89.4	89.5	85.7	85.5	87.4

Jadual 3: Kapasiti Penggunaan Industri Pembuatan mengikut Industri Berorientasikan Eksport dan Industri Berorientasikan Domestik (samb.)

Table 3: Manufacturing Industry Capacity Utilisation by Export-Oriented Industry and Domestic-Oriented Industry (cont.)

Bil. No.	Kod Codes	Keterangan Description	2025		2026					
			Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
	C	PEMBUATAN MANUFACTURING	83.2	83.3	83.4	81.8	83.1	82.9	83.5	84.5
1.		Industri Berorientasikan Eksport Export-Oriented Industries	82.4	82.3	82.5	80.9	82.5	81.6	82.9	84.2
1.1	104	Pembuatan minyak dan lemak daripada sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	80.6	80.8	77.3	74.8	78.1	80.2	79.9	79.3
1.2	13	Pembuatan tekstil <i>Manufacture of textiles</i>	82.1	78.9	80.9	79.5	81.8	79.8	79.9	80.1
1.3	14	Pembuatan pakaian <i>Manufacture of wearing apparel</i>	85.5	85.4	84.8	79.7	87.7	84.7	80.4	80.3
1.4	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	77.3	77.1	75.7	76.0	75.0	74.0	76.1	75.9
1.5	19	Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	80.8	79.1	83.8	80.5	82.2	79.8	81.4	81.7
1.6	20	Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical product</i>	81.2	82.6	82.3	81.7	82.6	82.9	80.9	83.6
1.7	221	Pembuatan produk getah <i>Manufacture of rubber products</i>	80.4	82.5	82.8	82.2	83.4	84.4	82.1	83.1
1.8	222	Pembuatan produk plastik <i>Manufacture of plastic products</i>	81.3	79.7	81.6	78.4	78.3	80.8	81.2	82.3
1.9	26	Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	84.2	84.3	82.6	81.9	83.9	81.6	85.5	87.7
1.10	27	Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	82.9	82.7	83.1	81.0	82.2	82.9	85.5	85.9
1.11	28	Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	87.7	87.4	86.0	85.1	86.8	87.8	87.9	89.9
1.12	31	Pembuatan perabot <i>Manufacture of furniture</i>	88.1	89.3	89.4	88.8	89.6	87.5	88.1	87.7
2.		Industri Berorientasikan Domestik Domestic-Oriented Industries	84.9	85.3	85.2	83.7	84.5	85.7	84.8	85.2
2.1	¹⁰ (Kecuali 104)	Pembuatan produk proses makanan <i>Manufacture of food processing products</i>	85.3	85.4	84.5	83.0	83.7	85.6	85.8	84.6
2.2	11	Pembuatan minuman <i>Manufacture of beverages</i>	85.2	85.3	85.2	79.6	81.5	84.6	83.9	83.4
2.3	12	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	94.9	94.4	96.3	96.4	97.7	96.2	96.4	95.1
2.4	15	Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	85.6	85.8	85.4	84.6	85.2	85.1	86.8	84.6
2.5	17	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	78.5	78.4	77.9	76.3	77.8	78.2	75.6	77.6
2.6	18	Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	86.5	87.9	86.0	85.6	85.3	87.5	86.2	85.3
2.7	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical, medicinal chemical and botanical products</i>	86.6	89.5	87.2	87.9	85.9	87.6	86.3	87.8
2.8	23	Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	86.5	86.9	87.1	85.2	85.9	85.1	84.2	85.2
2.9	24	Pembuatan logam asas <i>Manufacture of basic metals</i>	82.2	81.6	80.5	80.7	81.6	82.3	80.2	81.7
2.10	25	Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	84.7	86.4	86.5	84.7	86.6	85.8	84.9	85.2
2.11	29	Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	84.7	85.0	86.6	84.8	84.7	91.7	90.1	90.9
2.12	30	Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	85.3	84.9	85.1	83.4	83.8	82.1	82.4	83.0
2.13	32	Pembuatan lain <i>Other manufacturing</i>	83.8	83.3	84.2	81.0	79.2	79.1	80.0	79.0
2.14	33	Membaiki dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	87.1	87.0	87.5	86.5	87.7	85.7	84.9	88.1

Jadual 4: Kapasiti Penggunaan Industri Pembuatan mengikut Negeri

Table 4: Manufacturing Industry Capacity Utilisation by State

Negeri State	2024	2025	2024				2025	
			Q1	Q2	Q3	Q4	Q1	Q2
Johor	83.4	85.1	80.9	83.3	84.4	84.8	85.2	85.1
Kedah	78.6	82.1	78.7	80.6	77.7	77.3	79.8	82.9
Kelantan	72.0	69.9	69.8	73.6	73.7	71.2	66.2	69.0
Melaka	83.2	85.2	80.0	83.5	85.2	84.0	84.2	87.7
Negeri Sembilan	84.6	85.5	85.0	84.4	85.7	83.2	83.0	85.9
Pahang	83.9	85.2	80.9	84.7	85.3	84.6	84.5	84.6
Pulau Pinang	79.9	81.4	78.4	80.1	81.1	80.0	81.2	81.2
Perak	79.7	79.7	77.8	79.2	80.7	81.2	77.3	81.1
Perlis	68.8	67.4	71.1	69.2	67.5	67.4	70.5	58.5
Selangor	84.3	84.6	83.0	84.6	85.3	84.1	83.6	84.0
Terengganu	83.8	88.1	81.9	84.8	85.8	82.8	86.7	90.1
Sabah	75.3	79.0	73.4	74.8	77.0	76.2	72.6	81.6
Sarawak	77.9	75.4	80.6	77.9	75.6	77.4	76.1	73.8
Wilayah Persekutuan Kuala Lumpur & Wilayah Persekutuan Putrajaya	78.7	79.5	78.7	78.7	78.8	78.6	80.8	77.9
Wilayah Persekutuan Labuan	96.3	96.7	96.2	94.3	96.7	97.9	98.5	92.7
Malaysia	81.8	82.6	80.8	82.1	82.4	81.9	81.8	82.5

Jadual 4: Kapasiti Penggunaan Industri Pembuatan mengikut Negeri (samb.)

Table 4: Manufacturing Industry Capacity Utilisation by State (cont.)

Negeri State	2025		2026		2024			
	Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
Johor	85.5	84.7	84.9	85.1	81.3	79.6	81.8	81.4
Kedah	80.7	85.1	81.4	85.0	79.1	76.5	80.4	78.3
Kelantan	70.6	73.7	72.6	69.2	70.2	68.1	70.9	72.6
Melaka	86.1	82.7	87.7	89.1	84.8	77.8	77.5	78.6
Negeri Sembilan	86.9	86.2	85.4	84.6	84.6	83.0	87.5	83.2
Pahang	86.8	84.9	81.5	85.6	77.3	79.7	85.7	82.9
Pulau Pinang	81.0	82.2	80.7	80.8	77.2	76.7	81.2	76.2
Perak	79.8	80.6	79.6	81.8	75.3	75.6	82.5	78.5
Perlis	72.3	68.4	62.7	57.8	74.7	64.4	74.2	66.2
Selangor	85.4	85.7	85.1	86.9	83.6	82.9	82.6	84.0
Terengganu	88.5	87.1	87.6	85.5	77.9	81.0	86.7	81.5
Sabah	79.2	82.5	78.7	84.1	75.4	73.5	71.2	71.8
Sarawak	75.1	76.5	76.5	75.6	81.7	80.0	80.2	77.1
Wilayah Persekutuan Kuala Lumpur & Wilayah Persekutuan Putrajaya	80.0	79.2	80.1	81.1	78.7	76.6	80.8	79.5
Wilayah Persekutuan Labuan	98.0	97.6	94.4	96.2	94.1	97.7	96.9	95.4
Malaysia	82.9	83.3	82.8	83.7	80.9	79.8	81.7	80.3

2025												2025					
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
84.0	84.5	83.8	84.8	84.6	85.6	85.4	83.6	84.9	84.8	85.8	83.6	85.3	86.4	85.8	84.9	85.7	84.7
80.2	83.2	77.9	77.5	77.9	77.8	76.2	77.8	77.2	77.7	84.6	80.5	83.0	85.0	76.2	82.1	83.9	82.7
74.3	73.8	73.8	75.0	72.2	72.4	69.5	71.5	65.1	68.4	65.2	71.5	70.5	65.0	73.0	71.6	67.1	74.3
86.1	85.9	85.5	85.7	84.4	87.1	83.4	81.5	81.7	84.8	86.1	86.7	89.1	87.2	85.9	85.7	86.6	82.0
85.6	84.5	85.4	87.5	84.1	85.4	84.4	79.8	81.0	84.2	83.9	85.9	86.1	85.8	86.4	86.3	88.0	86.6
85.5	85.6	84.5	85.3	86.2	84.3	84.8	84.6	85.2	80.6	87.6	85.7	84.0	84.1	88.1	87.0	85.4	86.5
81.6	82.5	80.6	81.1	81.7	78.9	81.1	79.9	80.4	80.7	82.5	79.3	83.0	81.5	76.8	82.5	83.6	82.3
79.9	79.3	81.4	78.7	81.9	81.4	82.5	79.7	75.9	75.7	80.3	80.4	81.5	81.4	82.0	78.9	78.5	79.5
66.6	74.7	73.0	66.1	63.4	67.7	68.6	65.9	68.2	71.3	72.1	59.2	60.4	56.0	77.7	67.5	71.5	69.6
85.1	84.9	84.4	86.3	85.3	83.9	84.5	83.9	83.8	83.2	83.7	83.0	84.2	84.7	84.4	86.1	85.5	85.7
83.6	89.2	85.3	88.5	83.4	83.4	82.6	82.5	85.1	87.1	88.0	87.6	90.0	92.6	88.0	90.0	87.5	87.5
76.0	76.4	77.3	76.0	77.7	76.6	76.3	75.6	72.1	73.0	72.8	81.0	79.8	84.1	80.3	77.4	80.0	83.3
78.1	78.5	76.7	75.3	74.7	76.0	77.5	78.8	79.0	74.3	74.9	70.8	73.8	76.7	77.5	74.1	73.6	77.4
79.1	77.5	80.3	78.4	77.6	78.3	80.6	76.7	84.9	81.0	76.5	79.3	77.4	77.1	81.8	79.9	78.2	80.5
92.1	95.5	94.4	98.1	97.5	99.5	94.8	99.3	96.4	99.8	99.4	84.1	95.8	98.2	96.6	99.0	98.3	96.6
82.7	83.2	82.2	82.8	82.3	81.9	82.2	81.4	81.8	81.2	82.5	81.1	82.9	83.6	82.4	83.2	83.3	83.4

Jadual 4: Kapasiti Penggunaan Industri Pembuatan mengikut Negeri (samb.)

Table 4: Manufacturing Industry Capacity Utilisation by State (cont.)

Negeri State	2025		2026					
	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
Johor	84.6	84.7	85.0	84.7	85.1	85.1	85.0	85.4
Kedah	85.6	86.9	79.8	79.6	84.9	82.8	85.2	86.9
Kelantan	73.1	73.6	75.6	72.9	69.4	67.1	69.6	71.0
Melaka	82.8	83.1	87.7	87.3	88.1	86.9	87.4	92.9
Negeri Sembilan	86.8	85.1	86.6	85.1	84.5	84.2	85.1	84.5
Pahang	83.8	84.3	81.0	81.2	82.4	84.0	84.9	87.9
Pulau Pinang	82.2	82.1	82.1	79.0	80.9	78.6	80.4	83.4
Perak	79.5	82.8	81.9	77.8	79.2	83.9	80.3	81.1
Perlis	68.2	67.4	70.4	50.2	67.3	65.7	49.9	57.7
Selangor	85.6	85.8	85.4	84.6	85.3	86.0	87.1	87.6
Terengganu	85.8	87.9	87.9	86.6	88.2	86.2	83.7	86.5
Sabah	81.6	82.7	77.9	76.5	81.8	84.8	84.2	83.4
Sarawak	77.4	74.8	78.2	75.0	76.4	75.2	76.7	74.9
Wilayah Persekutuan Kuala Lumpur & Wilayah Persekutuan Putrajaya	77.9	79.3	80.6	79.1	80.6	82.3	79.9	81.0
Wilayah Persekutuan Labuan	98.5	97.8	94.3	95.1	93.9	94.8	95.3	98.6
Malaysia	83.2	83.3	83.4	81.8	83.1	82.9	83.5	84.5

Jadual 5: Faktor Kapasiti Industri Pembuatan di Bawah Tahap Penggunaan - Peratus Sumbangan*Table 5: Factors of Under-utilisation of Manufacturing Industry Capacity - Percentage Share*

Keterangan Faktor <i>Factor Description</i>	2024							
	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.
Kurang menguntungkan untuk beroperasi pada keupayaan pengeluaran <i>Not most profitable to operate at full production capability</i>	4.5	4.5	5.1	5.0	4.9	4.6	5.4	5.2
Bekalan bahan tidak mencukupi <i>Insufficient supply of materials</i>	11.2	11.3	10.8	10.5	11.0	10.4	10.8	9.9
Pembaikan & penyelenggaraan mesin dan kelengkapan <i>Repair & maintenance of machinery and equipment</i>	8.7	8.0	7.7	8.2	8.3	8.1	8.4	7.8
Inventori yang mencukupi <i>Sufficient inventory</i>	6.0	5.8	6.4	6.3	6.3	6.2	6.3	6.2
Permintaan kurang <i>Low demand</i>	41.6	42.2	43.0	42.3	42.2	43.8	42.3	44.1
Kekurangan tenaga buruh <i>Insufficient supply of labour force</i>	6.5	6.4	6.7	6.4	6.7	6.5	6.3	6.4
Bahan bakar atau tenaga elektrik yang tidak mencukupi <i>Lack of sufficient fuel or electric energy</i>	0.3	0.5	0.5	0.4	0.5	0.5	0.4	0.4
Limitasi atau kerosakan mesin dan kelengkapan <i>Machinery and equipment limitations or failures</i>	3.6	3.8	3.7	3.7	4.1	4.0	4.0	3.6
Pekerja kurang kompeten <i>Incompetent workers</i>	2.2	2.0	2.0	2.2	1.9	2.1	2.1	2.0
Limitasi ruang penyimpanan <i>Storage limitations</i>	4.2	3.7	3.7	4.0	4.1	3.8	4.2	4.2
Kekangan logistik/ pengangkutan <i>Logistics/ transportation constraints</i>	1.5	1.4	1.3	1.3	1.3	1.5	1.2	1.1
Penutupan kilang sementara <i>Temporary plant shutdown</i>	0.7	1.0	0.6	0.9	0.5	0.5	0.5	0.5
Kekangan kewangan <i>Financial constraints</i>	1.6	1.5	1.3	1.4	1.6	1.4	1.4	1.4
Mogok atau pemberhentian pekerja <i>Strike or work stoppage</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Operasi bermusim <i>Seasonal operations</i>	3.4	3.6	3.3	3.6	3.1	3.2	2.9	2.8
Sekatan berkaitan alam sekitar <i>Environmental restrictions</i>	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
Isu kualiti produk atau perkhidmatan <i>Quality issues of products or services</i>	1.4	1.3	1.3	1.1	1.3	1.0	1.2	1.2
Lain-lain <i>Others</i>	2.3	2.8	2.3	2.4	2.0	2.1	2.3	2.8

Jadual 5: Faktor Kapasiti Industri Pembuatan di Bawah Tahap Penggunaan - Peratus Sumbangan (samb.)
Table 5: Factors of Under-utilisation of Manufacturing Industry Capacity - Percentage Share (cont.)

Keterangan Faktor Factor Description	2024				2025			
	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
Kurang menguntungkan untuk beroperasi pada keupayaan pengeluaran <i>Not most profitable to operate at full production capability</i>	4.6	4.9	4.8	5.0	4.9	5.2	5.4	5.4
Bekalan bahan tidak mencukupi <i>Insufficient supply of materials</i>	10.0	10.4	10.1	10.2	10.0	9.6	9.4	9.1
Pembaikan & penyelenggaraan mesin dan kelengkapan <i>Repair & maintenance of machinery and equipment</i>	8.0	8.0	8.0	8.0	8.4	8.8	8.4	8.7
Inventori yang mencukupi <i>Sufficient inventory</i>	6.6	5.8	5.9	6.4	6.4	6.4	6.1	6.2
Permintaan kurang <i>Low demand</i>	43.8	44.0	44.0	44.1	42.6	43.5	45.0	43.1
Kekurangan tenaga buruh <i>Insufficient supply of labour force</i>	6.3	6.7	6.2	6.2	5.9	6.2	6.1	6.4
Bahan bakar atau tenaga elektrik yang tidak mencukupi <i>Lack of sufficient fuel or electric energy</i>	0.5	0.4	0.5	0.4	0.4	0.4	0.6	0.5
Limitasi atau kerosakan mesin dan kelengkapan <i>Machinery and equipment limitations or failures</i>	3.6	3.6	3.5	3.6	4.1	3.5	3.1	3.7
Pekerja kurang kompeten <i>Incompetent workers</i>	1.9	2.1	2.1	2.0	2.4	2.1	1.9	2.0
Limitasi ruang penyimpanan <i>Storage limitations</i>	4.3	3.9	3.6	3.9	3.5	3.5	4.0	4.1
Kekangan logistik/ pengangkutan <i>Logistics/ transportation constraints</i>	1.7	1.4	1.5	1.3	1.6	1.5	1.5	1.5
Penutupan kilang sementara <i>Temporary plant shutdown</i>	0.5	0.6	0.7	0.7	1.1	0.9	0.8	1.0
Kekangan kewangan <i>Financial constraints</i>	1.3	1.7	1.7	1.4	1.3	1.3	1.2	1.4
Mogok atau pemberhentian pekerja <i>Strike or work stoppage</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Operasi bermusim <i>Seasonal operations</i>	3.1	2.8	3.3	3.4	3.5	3.4	3.3	3.2
Sekatan berkaitan alam sekitar <i>Environmental restrictions</i>	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Isu kualiti produk atau perkhidmatan <i>Quality issues of products or services</i>	1.1	1.3	1.4	1.1	1.0	1.3	1.0	1.1
Lain-lain <i>Others</i>	2.3	2.1	2.3	2.0	2.6	2.1	2.0	2.3

2026													
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
5.3	5.0	5.0	4.5	4.7	4.7	4.6	4.9	5.0	4.4	5.0	5.4	4.9	5.3
9.6	9.6	9.3	9.1	8.8	8.4	8.7	9.5	9.7	9.2	9.5	9.5	9.0	9.2
9.1	8.4	8.9	8.9	9.1	8.7	8.4	8.6	8.8	8.7	9.4	9.3	9.6	8.9
6.1	5.9	6.8	6.1	6.4	6.9	6.4	6.2	6.8	6.3	6.4	7.1	6.4	6.7
42.9	44.2	43.4	43.9	43.2	43.1	43.9	43.7	42.8	44.0	41.7	42.7	42.5	43.4
6.3	6.2	6.2	6.5	6.3	6.6	6.6	6.3	6.2	6.1	6.3	6.1	6.2	6.0
0.4	0.5	0.4	0.4	0.6	0.6	0.6	0.4	0.5	0.4	0.6	0.6	0.3	0.4
3.9	3.7	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.2	4.0	3.9	4.0	3.8
1.8	2.1	2.0	2.0	2.0	2.0	2.0	1.8	2.3	1.8	1.9	1.7	2.5	2.2
3.8	3.9	3.9	4.3	4.4	4.3	4.2	4.3	4.0	3.7	3.8	3.5	3.9	3.9
1.7	1.8	1.5	1.9	1.6	1.8	1.7	1.7	1.5	1.6	1.8	2.0	1.9	1.8
0.8	0.7	0.9	0.7	0.8	0.7	0.7	0.8	0.6	1.1	0.9	0.8	0.7	1.0
1.3	1.4	1.5	1.4	1.2	1.3	1.1	1.2	1.1	1.1	1.2	1.5	1.3	1.5
0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
3.4	3.0	3.0	3.0	3.2	3.5	3.9	3.2	3.0	2.9	3.3	2.7	3.2	2.3
0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.2	0.2
1.0	1.3	1.1	1.3	1.4	1.3	1.2	1.1	1.3	1.4	1.3	1.1	1.5	1.3
2.2	2.0	1.9	1.8	1.7	1.7	1.8	1.9	1.9	2.7	2.4	1.7	2.0	2.1

Jadual 6: Kapasiti Penggunaan mengikut Negara Terpilih
Table 6: Capacity Utilisation by Selected Country

Negara Country	2024	2025	2024				2025				2026	
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
China	75.0	74.4	73.6	74.9	75.1	76.2	74.1	74.0	74.6	74.9	73.6	73.0
Germany	78.8	77.3	80.8	80.6	77.7	76.1	76.4	77.7	77.2	77.7	77.2	78.7
Philippines	75.3	77.0	74.6	74.9	75.6	76.2	76.2	76.7	77.4	77.8	78.0	78.7
South Korea	72.6	72.6	72.4	73.3	72.1	72.5	72.9	72.9	73.1	71.4	73.3	73.0
Thailand	59.8	59.1	61.5	60.0	59.2	58.5	61.6	59.4	57.8	57.5	61.3	57.5
United States	75.5	75.7	75.9	76.0	75.4	74.8	75.3	75.6	76.2	75.6	75.7	75.7

Jadual 7: Indeks Pengeluaran Perindustrian Sektor Pembuatan mengikut Kumpulan
Table 7: Industrial Production Index of Manufacturing Industry by Group

Bil. No.	Wajaran Weights 2015	Kod Codes	Keterangan Subsektor Sub-sector Description	2024	2025	2024				2025	
						Q1	Q2	Q3	Q4	Q1	Q2
	68.25	C	PEMBUATAN MANUFACTURING	145.6	152.2	140.6	141.5	150.5	149.7	146.4	147.0
1	8.55		Makanan, Minuman dan Tembakau Food, Beverages and Tobacco	141.8	154.4	126.5	136.6	153.0	151.0	137.0	151.4
1.1	7.39	10	Pembuatan produk makanan Manufacture of food products	142.3	155.6	123.9	135.4	157.5	152.4	135.4	151.4
1.2	0.65	11	Pembuatan minuman Manufacture of beverages	147.3	161.5	130.3	148.8	148.6	161.4	137.8	160.5
1.3	0.52	12	Pembuatan produk tembakau Manufacture of tobacco products	127.9	129.2	158.8	139.3	94.5	119.2	159.3	138.8
2	1.33		Produk Tekstil, Pakaian, Kulit dan Kasut Textiles, Wearing Apparel, Leather Products and Footwear	129.6	130.4	137.8	118.7	124.1	138.0	139.2	118.4
2.1	0.58	13	Pembuatan tekstil Manufacture of textiles	118.0	114.6	125.8	112.5	115.1	118.5	121.7	108.7
2.2	0.60	14	Pembuatan pakaian Manufacture of wearing apparel	132.0	133.9	142.8	111.9	123.7	149.7	147.2	111.6
2.3	0.15	15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	165.4	178.1	163.8	170.1	161.3	166.4	174.7	183.9
3	4.56		Produk Kayu, Perabot, Keluaran Kertas dan Percetakan Wood Products, Furniture, Paper Products and Printing	136.1	140.5	136.8	130.0	133.5	143.9	140.8	134.4
3.1	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	120.1	123.0	118.5	116.2	120.4	125.1	122.2	117.8
3.2	1.15	17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	154.1	151.5	152.9	140.7	159.7	163.3	152.4	138.1
3.3	0.93	18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	143.2	154.7	132.7	138.7	143.8	157.8	142.9	151.1
3.4	1.04	31	Pembuatan perabot Manufacture of furniture	131.7	139.9	148.0	129.5	113.5	135.9	152.0	138.4
4	20.60		Produk Petroleum, Kimia, Getah dan Plastik Petroleum, Chemical, Rubber and Plastic Products	134.5	134.7	134.8	129.7	139.0	134.7	138.4	128.6
4.1	9.36	19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	120.3	118.5	128.5	113.2	120.4	119.2	128.3	109.3
4.2	6.37	20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	132.5	134.0	128.7	130.0	138.7	132.6	134.4	130.9
4.3	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceuticals, medicinal chemical and botanical products	178.1	192.1	174.2	174.4	186.9	176.8	183.3	187.8
4.4	4.49	22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	163.4	164.5	153.1	160.0	174.2	166.1	161.4	160.3
5	9.11		Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products	131.4	136.6	135.7	122.2	127.5	140.0	140.6	127.1
5.1	2.97	23	Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	127.2	128.9	137.0	111.8	119.9	140.2	140.3	115.0
5.2	2.35	24	Pembuatan logam asas Manufacture of basic metals	131.3	138.5	128.6	129.1	133.5	133.9	132.1	136.5
5.3	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	134.7	141.4	139.0	126.2	129.8	143.7	146.1	130.9
6	18.23		Produk Peralatan Elektrik dan Elektronik Electrical and Electronics Products	173.1	188.4	156.4	170.8	185.5	179.5	168.6	183.1
6.1	13.89	26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	180.3	196.9	161.7	175.3	194.9	189.4	175.4	188.3
6.2	2.20	27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	147.8	158.7	140.0	149.9	154.3	146.9	146.2	157.0
6.3	2.14	28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	151.8	164.1	138.8	163.4	156.4	148.7	147.6	175.6
7	5.87		Kelengkapan Pengangkutan dan Pembuatan Lain Transport Equipment and Other Manufactures	137.6	136.0	143.6	142.9	133.3	130.4	134.5	141.0
7.1	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	148.4	141.5	158.2	162.6	142.2	130.4	138.3	155.7
7.2	1.19	30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	110.8	111.8	114.5	101.9	112.0	114.8	112.1	101.3
7.3	0.74	32	Pembuatan lain Other manufacturing	125.2	129.4	125.5	124.4	117.1	133.8	130.9	126.3
7.4	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	146.3	157.0	145.5	143.1	145.5	151.2	157.3	156.1

Jadual 7: Indeks Pengeluaran Perindustrian Sektor Pembuatan mengikut Kumpulan (samb.)
Table 7: Industrial Production Index of Manufacturing Industry by Group (cont.)

Bil. No.	Wajaran Weights 2015	Kod Codes	Keterangan Subsektor Sub-sector Description	2025		2026		2024			
				Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.
	68.25	C	PEMBUATAN MANUFACTURING	156.6	158.7	154.8	157.9	143.1	134.1	144.6	132.7
1	8.55		Makanan, Minuman dan Tembakau Food, Beverages and Tobacco	163.2	166.0	149.5	156.4	132.8	119.4	127.3	127.5
1.1	7.39	10	Pembuatan produk makanan Manufacture of food products	167.5	167.9	148.2	155.7	131.0	116.5	124.3	124.8
1.2	0.65	11	Pembuatan minuman Manufacture of beverages	167.9	179.6	152.4	173.2	136.4	122.6	131.9	150.3
1.3	0.52	12	Pembuatan produk tembakau Manufacture of tobacco products	96.3	122.4	163.8	145.0	154.0	157.5	164.8	137.8
2	1.33		Produk Tekstil, Pakaian, Kulit dan Kasut Textiles, Wearing Apparel, Leather Products and Footwear	124.0	140.2	140.1	119.6	132.8	130.4	150.1	120.1
2.1	0.58	13	Pembuatan tekstil Manufacture of textiles	111.8	116.3	119.4	107.9	119.6	123.6	134.3	107.9
2.2	0.60	14	Pembuatan pakaian Manufacture of wearing apparel	123.5	153.2	149.3	113.2	137.3	130.8	160.2	120.3
2.3	0.15	15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	173.1	180.6	183.6	191.5	165.6	155.6	170.2	167.1
3	4.56		Produk Kayu, Perabot, Keluaran Kertas dan Percetakan Wood Products, Furniture, Paper Products and Printing	138.4	148.4	146.1	141.1	139.3	135.2	136.0	128.7
3.1	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	124.0	128.2	126.6	122.1	113.4	119.5	122.6	111.0
3.2	1.15	17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	156.4	159.0	150.8	144.0	163.0	151.9	143.9	138.7
3.3	0.93	18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	155.2	169.6	155.6	160.2	139.8	131.2	127.2	141.4
3.4	1.04	31	Pembuatan perabot Manufacture of furniture	123.7	145.6	159.5	147.4	148.4	141.8	153.7	130.6
4	20.60		Produk Petroleum, Kimia, Getah dan Plastik Petroleum, Chemical, Rubber and Plastic Products	137.9	133.9	136.7	132.7	132.1	130.4	141.7	120.7
4.1	9.36	19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	119.6	116.9	126.3	114.6	120.4	124.2	140.8	99.3
4.2	6.37	20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	136.5	134.1	133.8	133.9	132.1	125.6	128.4	124.1
4.3	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceuticals, medicinal chemical and botanical products	204.0	193.4	186.3	196.8	161.7	180.1	180.9	176.3
4.4	4.49	22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	172.5	163.9	158.3	163.4	154.0	146.1	159.3	155.6
5	9.11		Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products	132.0	146.6	147.3	134.1	140.6	130.3	136.2	127.1
5.1	2.97	23	Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	119.4	141.0	145.4	121.2	140.2	132.5	138.5	125.4
5.2	2.35	24	Pembuatan logam asas Manufacture of basic metals	141.9	143.5	138.5	146.8	122.9	128.5	134.4	133.8
5.3	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	135.7	153.0	154.2	136.4	151.9	129.7	135.4	124.3
6	18.23		Produk Peralatan Elektrik dan Elektronik Electrical and Electronics Products	200.5	201.7	191.5	209.1	160.2	145.0	164.1	150.6
6.1	13.89	26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	210.5	213.4	203.3	219.0	167.0	148.0	170.3	151.5
6.2	2.20	27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	167.4	164.1	152.3	165.0	143.1	134.0	142.9	139.7
6.3	2.14	28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	169.4	163.8	154.8	190.4	133.9	137.0	145.7	155.8
7	5.87		Kelengkapan Pengangkutan dan Pembuatan Lain Transport Equipment and Other Manufactures	135.4	133.0	133.5	147.8	152.3	140.2	138.2	141.9
7.1	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	141.7	130.3	130.5	162.9	173.0	154.5	147.2	162.2
7.2	1.19	30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	114.1	119.7	116.7	104.5	116.9	113.2	113.5	100.3
7.3	0.74	32	Pembuatan lain Other manufacturing	122.1	138.4	133.4	129.7	127.1	124.6	124.7	119.4
7.4	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	155.0	159.5	171.9	170.2	146.2	137.9	152.6	144.8

2025																	
Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
141.6	150.2	147.2	153.0	151.3	149.5	151.0	148.7	148.4	140.5	150.5	140.1	145.5	155.6	153.6	157.2	158.8	159.1
143.4	139.0	147.3	157.7	154.1	153.2	151.4	148.6	142.1	131.8	137.2	142.3	159.3	152.6	159.2	163.0	167.5	169.3
142.1	139.2	151.0	163.2	158.3	156.8	152.0	148.2	141.0	130.0	135.2	141.2	159.7	153.4	163.2	167.7	171.6	173.3
150.7	145.6	144.4	148.4	153.1	152.6	160.5	171.0	143.2	130.2	140.2	159.4	161.5	160.7	160.9	167.8	175.1	176.8
151.9	128.2	98.0	89.8	95.6	101.5	130.9	125.3	156.5	159.8	161.6	136.1	150.0	130.2	99.2	91.0	98.5	102.6
118.5	117.4	119.4	122.6	130.4	132.9	144.8	136.3	132.6	132.9	152.0	122.3	118.0	114.9	118.2	121.4	132.3	134.9
113.4	116.3	111.7	114.4	119.0	114.5	127.0	113.9	115.6	119.3	130.2	105.2	109.5	111.3	108.8	109.3	117.5	113.7
107.5	107.9	117.6	120.7	132.7	147.2	155.1	146.7	138.4	137.5	165.6	124.0	106.2	104.7	114.8	120.3	135.4	149.9
183.4	159.9	156.3	162.6	165.0	146.6	171.9	180.8	174.9	167.3	182.0	181.7	199.2	170.8	168.9	173.0	177.3	156.6
130.2	131.1	129.8	132.9	137.7	137.1	145.7	148.8	141.6	140.7	140.2	133.7	135.3	134.2	134.8	137.5	143.1	143.8
118.3	119.4	119.6	117.1	124.6	128.5	123.6	123.2	117.0	123.8	125.7	114.7	121.4	117.2	123.6	121.3	127.0	131.2
132.7	150.7	153.5	158.1	167.3	148.7	172.6	168.6	160.2	153.7	143.5	139.1	129.5	145.8	150.3	153.0	166.0	147.7
141.4	133.2	134.5	145.9	150.9	149.3	154.3	169.7	149.3	142.6	136.7	152.3	156.7	144.4	142.4	157.9	165.4	165.6
134.1	123.8	113.6	115.5	111.4	125.3	138.9	143.6	148.3	147.9	159.8	137.5	141.8	136.0	126.2	124.4	120.4	137.5
124.3	144.3	143.2	140.4	133.5	136.8	134.8	132.3	137.6	134.0	143.7	122.1	121.5	142.1	142.3	138.8	132.7	136.4
109.4	131.0	130.1	119.5	111.6	120.8	122.3	114.6	124.5	123.2	137.2	95.4	104.2	128.4	128.6	118.9	111.4	117.9
122.0	143.8	136.5	142.3	137.3	133.4	129.9	134.6	135.7	132.9	134.7	129.9	120.7	142.1	136.1	138.5	135.0	135.4
167.1	179.8	186.8	186.1	188.0	182.3	162.8	185.5	164.8	192.6	192.5	188.1	182.5	192.9	202.1	202.8	207.0	207.3
154.9	169.6	176.5	177.2	168.9	171.3	165.5	161.5	165.4	153.0	165.8	161.0	153.5	166.5	174.7	175.1	167.7	170.5
118.9	120.7	117.3	127.4	137.9	139.5	140.4	140.2	144.4	135.8	141.5	133.6	123.1	124.6	121.9	132.0	142.1	146.3
104.3	105.5	108.6	123.5	127.5	138.5	138.0	144.1	141.7	135.6	143.6	131.1	106.8	107.1	109.2	123.9	124.9	137.0
127.7	125.7	126.2	133.7	140.7	136.0	138.5	127.3	123.9	132.8	139.5	141.9	133.5	134.1	135.5	140.9	149.3	147.6
124.9	129.4	118.5	126.5	144.5	142.6	143.4	145.0	159.2	137.9	141.2	130.5	129.5	132.5	123.3	132.7	151.0	152.7
171.0	190.9	176.7	188.3	191.4	177.2	182.5	178.8	171.8	156.7	177.4	165.4	180.7	203.1	191.8	200.8	208.8	201.1
174.7	199.7	182.8	198.2	203.8	186.7	192.9	188.6	180.2	160.4	185.6	168.3	185.2	211.5	198.3	211.5	221.7	213.3
154.5	155.6	151.2	149.6	162.0	159.9	139.4	141.5	150.3	141.1	147.0	145.2	159.1	166.6	161.5	160.7	179.9	174.7
164.5	169.8	163.6	164.1	141.5	133.3	159.6	153.3	139.2	148.5	155.0	167.5	173.9	185.5	180.3	173.0	155.0	148.5
157.5	129.3	135.5	143.2	121.3	131.1	131.2	128.9	137.9	134.2	131.5	140.5	149.1	133.4	138.5	140.8	126.8	131.2
188.4	137.3	152.4	161.1	113.2	131.8	127.8	131.8	143.1	140.6	131.2	155.8	169.4	142.0	153.9	152.9	118.3	127.5
102.7	102.6	91.2	117.6	127.3	109.8	122.3	112.3	113.0	111.0	112.2	99.2	102.4	102.2	91.8	119.2	131.4	115.0
134.9	118.9	121.1	104.1	126.2	134.2	135.8	131.5	135.4	128.8	128.5	122.8	136.0	120.3	125.4	108.4	132.4	137.9
136.9	147.7	148.3	147.2	140.9	158.5	154.6	140.6	157.6	148.8	165.6	158.8	150.4	159.0	160.0	155.6	149.5	165.4

Jadual 7: Indeks Pengeluaran Perindustrian Sektor Pembuatan mengikut Kumpulan (samb.)
Table 7: Industrial Production Index of Manufacturing Industry by Group (cont.)

Bil. No.	Wajaran Weights 2015	Kod Codes	Keterangan Subsektor Sub-sector Description	2025		2026					
				Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun
	68.25	C	PEMBUATAN MANUFACTURING	158.3	158.7	159.3	146.3	158.7	151.8	155.0	166.8
1	8.55		Makanan, Minuman dan Tembakau Food, Beverages and Tobacco	163.5	165.3	159.5	139.3	149.6	154.9	158.8	155.3
1.1	7.39	10	Pembuatan produk makanan Manufacture of food products	164.2	166.2	159.4	137.2	148.0	153.6	157.9	155.5
1.2	0.65	11	Pembuatan minuman Manufacture of beverages	177.0	184.9	159.6	144.7	152.9	179.1	170.2	170.4
1.3	0.52	12	Pembuatan produk tembakau Manufacture of tobacco products	136.6	128.0	161.4	162.8	167.4	142.7	157.9	134.4
2	1.33		Produk Tekstil, Pakaian, Kulit dan Kasut Textiles, Wearing Apparel, Leather Products and Footwear	146.2	139.5	136.2	130.5	153.8	126.4	117.6	114.9
2.1	0.58	13	Pembuatan tekstil Manufacture of textiles	123.1	112.1	117.8	113.2	127.1	106.5	107.2	109.9
2.2	0.60	14	Pembuatan pakaian Manufacture of wearing apparel	158.7	151.1	141.5	136.4	170.1	129.5	105.2	104.9
2.3	0.15	15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	185.5	199.7	185.9	173.7	191.2	191.1	208.3	175.1
3	4.56		Produk Kayu, Perabot, Keluaran Kertas dan Percetakan Wood Products, Furniture, Paper Products and Printing	150.0	151.4	149.7	144.3	144.4	141.1	140.4	141.8
3.1	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	128.2	125.0	122.5	127.4	129.8	120.6	122.8	122.8
3.2	1.15	17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	165.9	163.3	162.3	149.4	140.7	142.2	134.8	154.9
3.3	0.93	18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	164.8	178.6	165.0	153.7	148.1	166.8	164.0	149.7
3.4	1.04	31	Pembuatan perabot Manufacture of furniture	149.2	150.3	159.7	153.6	165.2	145.6	149.9	146.7
4	20.60		Produk Petroleum, Kimia, Getah dan Plastik Petroleum, Chemical, Rubber and Plastic Products	132.4	132.7	135.2	131.1	143.8	126.8	125.6	145.9
4.1	9.36	19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	119.0	113.7	119.5	119.0	140.5	99.5	112.3	132.1
4.2	6.37	20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	129.0	138.1	135.4	132.7	133.3	133.6	122.3	145.8
4.3	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceuticals, medicinal chemical and botanical products	177.8	195.1	170.4	197.4	191.2	198.1	187.1	205.2
4.4	4.49	22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	161.6	159.6	164.6	148.6	161.7	167.8	152.9	169.6
5	9.11		Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products	145.6	148.0	154.5	140.6	146.8	142.3	129.1	130.9
5.1	2.97	23	Pembuatan produk galian bukan logam lain Manufacture of other non-metallic mineral products	138.4	147.6	148.8	139.9	147.4	139.9	109.9	113.7
5.2	2.35	24	Pembuatan logam asas Manufacture of basic metals	146.7	136.2	132.2	137.6	145.8	152.1	143.3	145.1
5.3	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	150.6	155.7	172.8	142.9	146.8	138.1	135.4	135.6
6	18.23		Produk Peralatan Elektrik dan Elektronik Electrical and Electronics Products	202.2	201.7	198.0	176.8	199.6	186.5	210.0	230.7
6.1	13.89	26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	213.5	213.5	211.2	185.5	213.1	192.8	221.0	243.1
6.2	2.20	27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	158.8	158.8	159.5	146.1	151.5	152.8	164.7	177.4
6.3	2.14	28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	173.9	169.0	151.6	152.0	160.9	180.3	185.6	205.2
7	5.87		Kelengkapan Pengangkutan dan Pembuatan Lain Transport Equipment and Other Manufactures	134.3	133.5	143.2	129.4	127.8	155.6	141.9	145.9
7.1	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	129.4	134.2	147.3	125.9	118.4	176.9	151.9	159.8
7.2	1.19	30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	126.5	117.6	118.9	115.4	115.8	103.6	104.4	105.4
7.3	0.74	32	Pembuatan lain Other manufacturing	140.0	137.3	137.8	132.0	130.4	126.0	137.7	125.3
7.4	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	161.3	151.8	169.4	163.3	182.8	176.6	162.8	171.2

NOTA TEKNIKAL

TECHNICAL NOTES

- **Objektif**
Objective
- **Skop dan Liputan**
Scope and Coverage
- **Rangka Statistik**
Statistical Frame
- **Jenis Aktiviti Perniagaan**
Type of Business Activity
- **Konsep dan Definisi**
Reka Bentuk dan Pensampelan
- **Saiz Sampel**
Sample Size
- **Prosedur Pengiraan**
Computational Procedur
- **Unit Pelapor**
Reporting Unit
- **Keperluan Kerahsiaan**
Confidentiality Required
- **Pindaan**
Revision
- **Simbol dan Singkatan**
Symbols and Abbreviations

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OBJEKTIF

Objektif utama penerbitan ini ialah untuk menyediakan indikator tambahan kepada pengguna dalam menilai prestasi semasa sektor Pembuatan di Malaysia.

SKOP DAN LIPUTAN

Data kapasiti penggunaan Pembuatan dipungut dalam Survei Pembuatan Bulanan yang meliputi seluruh Malaysia. Penerbitan ini memaparkan statistik kapasiti penggunaan industri Pembuatan di Malaysia di peringkat Bahagian (2-digit), Kumpulan (3-digit) dan negeri mulai Januari 2024 yang diterbitkan buat kali pertama pada Mei 2023.

Statistik bagi industri yang mempunyai perwakilan kurang daripada tiga pertubuhan telah digabungkan kepada industri terhampir bagi memelihara kerahsiaan responden seperti mana yang termaktub dalam Akta Perangkaan 1965 (Disemak 1989).

Sektor Pembuatan	MSIC (2-digit)	Keterangan Subsektor
251	10, 11, 12	Makanan, minuman dan tembakau
	13, 14, 15	Tekstil, pakaian, kulit dan kasut
	16, 17, 18, 31	Produk kayu, perabot, keluaran kertas dan percetakan
	19, 20, 21, 22	Petroleum, kimia, getah dan plastik
	23, 24, 25	Produk mineral bukan logam, logam asas dan produk logam yang direka
	26, 27, 28	Produk elektrik dan elektronik
	29, 30, 32, 33	Kelengkapan pengangkutan dan pembuatan lain
Industri		
Seksyen C - 24 Bahagian yang terdiri daripada 71 kumpulan aktiviti pembuatan		

RANGKA STATISTIK

Rangka statistik bagi survei ini adalah daripada *Malaysia Statistical Business Register* (MSBR). MSBR adalah senarai pertubuhan/perusahaan yang beroperasi di Malaysia yang merangkumi Daftar Syarikat (ROC), Daftar Perniagaan (ROS) dan Perkongsian Liabiliti Terhad (LLP) yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM) serta pertubuhan yang berdaftar dengan pihak berkuasa tempatan (PBT) dan badan profesional. Senarai di MSBR dikemaskini secara berkala berdasarkan survei dan banci yang dijalankan oleh Jabatan Perangkaan Malaysia (DOSM) dan sumber data pentadbiran daripada agensi lain. Sumber utama data pentadbiran adalah daripada SSM. Selain itu, DOSM juga bekerjasama untuk mendapatkan maklumat terkini daripada agensi lain seperti Kumpulan Wang Simpanan Pekerja (KWSP), Jabatan Kastam Diraja Malaysia (JKDM), Lembaga Hasil Dalam Negeri Malaysia (LHDNM) dan PBT.

Rangka dikemaskini dengan mengambil kira pertubuhan baharu dan merekodkan perubahan status yang berlaku terhadap pertubuhan tersebut seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi perniagaan/ alamat pos bagi memastikan maklumat yang terdapat dalam rangka adalah yang terkini.

JENIS AKTIVITI PERNIAGAAN

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menumpukan sebahagian besar sumbernya atau memberi sumbangan besar dari segi pendapatan. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah berasaskan kepada aktiviti utama berdasarkan kepada Piawaian Klasifikasi Industri Malaysia (MSIC 2008) Versi 1.0. MSIC 2008 adalah selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations* dengan pengubahsuaian mengikut keperluan tempatan.

KONSEP DAN DEFINISI

Konsep dan definisi yang digunakan selari dengan manual *International Recommendations for Industrial Statistics 2008, United Nations Statistics Division*. Takrif Pembuatan yang digunakan dalam survei ini adalah selaras dengan MSIC 2008 Versi 1.0.

Pembuatan ditakrifkan sebagai perubahan fizikal atau kimia ke atas bahan atau komponen menjadi produk baru sama ada kerja itu dilakukan oleh jentera yang dijalankan oleh kuasa atau yang dijalankan dengan tangan, sama ada dijalankan dalam kilang atau di rumah pekerja dan sama ada barang keluaran dijual secara borong atau runcit.

Kapasiti penggunaan merujuk kepada nisbah output sebenar yang dihasilkan berbanding pengeluaran output pada kapasiti penuh melalui gabungan optimum mesin, bahan mentah dan buruh.

Industri berorientasikan Eksport dikelaskan berdasarkan kepada threshold nilai eksport melebihi 50 peratus daripada nilai jualan di peringkat agregat MSIC 3-digit dan 2-digit manakala industri dengan nilai eksport di bawah threshold berkenaan dikelaskan sebagai **industri berorientasikan Domestik**. Penentuan pengelasan tersebut dibuat menggunakan data daripada Banci Ekonomi 2011, Banci Ekonomi 2016, Survei Ekonomi Tahunan 2018 dan Statistik Perdagangan Luar Negeri Bulanan.

REKA BENTUK PENSAMPELAN

Reka bentuk pensampelan bagi survei ini adalah pensampelan rawak strata satu peringkat. Pertubuhan dikelaskan sebagai unit pensampelan manakala beberapa kategori strata telah dikenalpasti.

Setiap strata telah dibentuk kepada tiga (3) substrata untuk memastikan sampel yang diagihkan mengambil kira ciri-ciri ekonomi strata tersebut. Substrata utama bersifat heterogen dan diliputi secara penuh, manakala substrata selainnya bersifat homogen disampelkan.

Substrata utama meliputi pertubuhan kategori besar dan yang mempunyai jumlah hasil yang signifikan dalam industri berkaitan manakala bagi substrata kedua dan ketiga berdasarkan kategori Perusahaan Mikro, Kecil dan Sederhana (PMKS).

SAIZ SAMPEL

Statistik utama yang digunakan untuk penganggaran saiz sampel adalah nilai jualan. Formula yang digunakan dalam penganggaran saiz sampel bagi strata adalah seperti berikut:

$$n = \frac{(\sum N_i S_i)^2}{V + \sum N_i S_i^2}$$

Di mana:

S_i^2	varian bagi strata i	V	varian sasaran
N	saiz populasi bagi strata i	n	saiz sampel

Di mana:

$\hat{Y}_i$	saiz populasi bagi strata i	RSE	ralat piawai relatif
Z	nilai aras keyakinan		

Sampel akan diagihkan kepada substrata dalam industri liputan dengan menggunakan kaedah *Neyman Allocation* seperti berikut:

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i \quad \begin{matrix} h = 2, 3 \text{ dan } 4 \\ i = 1, 2, \dots \end{matrix}$$

Di mana:

n_{hi}	saiz sampel bagi substrata h dalam strata i	N_h	saiz populasi bagi substrata h
S_h	sisihan piawai bagi substrata h	n_i	saiz sampel bagi strata i
h	substrata	i	strata

Pertubuhan kategori substrata utama diliputi sepenuhnya, manakala pertubuhan bagi substrata kedua dan ketiga dipilih secara rawak mengikut kaedah pensampelan bersistematik.

PROSEDUR PENGIRAAN

Statistik kapasiti penggunaan Pembuatan disusun mengikut subsektor, Bahagian (2-digit), Kumpulan (3-digit) dan negeri. Pengiraan statistik kapasiti penggunaan Pembuatan (CU) di peringkat Malaysia (1-digit),

$$CU(1D) = \frac{\sum_{k=1}^{24} [CU(2D) \times WVA(2D)]_k}{WVA(1D)}$$

Di mana:

$WVA(2D)$	Wajaran nilai ditambah bagi MSIC Bahagian (2-digit)	k	1, 2, 3, ..., 24 iaitu 24 Bahagian (2-digit)
$CU(2D)$	CU bagi MSIC Bahagian (2-digit)	$WVA(1D)$	1

Prosedur pengiraan yang sama digunakan untuk mendapatkan kapasiti penggunaan Pembuatan di peringkat negeri.

UNIT PELAPOR

Unit pelapor bagi survei ini ialah pertubuhan. Sesebuah pertubuhan secara ideal ditakrifkan sebagai “satu unit ekonomi yang bergiat di bawah satu hak milik atau penguasaan tunggal, iaitu di bawah satu entiti yang sah dan menjalankan satu jenis aktiviti ekonomi utama di satu lokasi fizikal”. Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya dan bukannya mengikut aktiviti syarikat induk. Bagi kes entiti yang mempunyai pelbagai aktiviti, unit yang terlibat dalam aktiviti yang berlainan dalam lokasi yang sama membentuk pertubuhan yang berbeza.

Oleh itu, setiap cawangan daripada organisasi yang mempunyai pelbagai cawangan di lokasi yang berbeza dari segi konsep dianggap sebagai pertubuhan yang berlainan. Pertubuhan berkenaan diminta memberikan penyata yang berasingan bagi setiap kegiatannya dari segi nilai. Walau bagaimanapun, dari segi praktis akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau ‘enterprise’ ini akan dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya.

KEPERLUAN KERAHSIAAN

Survei ini dijalankan di bawah peruntukan Akta Perangkaan 1965 (Disemak 1989). Akta ini mensyaratkan bahawa kandungan penyata individu adalah SULIT. Selaras dengan peruntukan dalam Akta tersebut, hanya angka agregat akan diterbitkan.

PINDAAN

Pindaan akan dibuat ke atas statistik yang telah diterbitkan berdasarkan data terkini yang diperoleh.

SIMBOL DAN SINGKATAN

Simbol-simbol berikut telah digunakan dalam keseluruhan penerbitan:

t.t.t.l.	Tidak terkelas di tempat lain	ST	Suku Tahunan
%	Peratus	CU	Kapasiti Penggunaan
W.P.	Wilayah Persekutuan		

OBJECTIVE

The main objective of this publication is to provide additional indicators for the users in assessing the performance of the Manufacturing sector in Malaysia.

SCOPE AND COVERAGE

Manufacturing capacity utilisation data was collected from the Monthly Manufacturing Survey which covered the whole Malaysia. This publication presents statistics on the Manufacturing capacity utilisation at Division (2-digit), Group (3-digit) and state level since January 2015 which was released for the first time in May 2023.

Statistics for industries with less than three establishments was combined to the closest industry to ensure the confidentiality of the respondents as stipulated under the Statistics Act 1965 (Revised-1989).

Manufacturing Sector 2 5 1 Industries Section C - 24 Divisions consist of 71 groups in manufacturing activities	MSIC (2-digit)	Sub-sector Description
	10, 11, 12	Food, beverages and tobacco
	13, 14, 15	Textiles, wearing apparel, leather and footwear
	16, 17, 18, 31	Wood products, furniture, paper products and printing
	19, 20, 21, 22	Petroleum, chemical, rubber and plastic
	23, 24, 25	Non-metallic mineral products, basic metal and fabricated metal products
	26, 27, 28	Electrical and electronic products
	29, 30, 32, 33	Transport equipment and other manufactures

STATISTICAL FRAME

The statistical frame of this survey is from the Malaysia Statistical Business Register (MSBR). MSBR is a list of organisations/ enterprises operating in Malaysia that includes the Register of Companies (ROC), Register of Business (ROB) and Limited Liability Partnership (LLP) registered with the Companies Commission of Malaysia (CCM) as well as organisations registered with local authorities (PBT) and professional bodies. The list in MSBR is updated regularly based on surveys and censuses conducted by the Department of Statistics Malaysia (DOSM) and administrative data sources from various agencies. The main source of administrative data is from the CCM. In addition, DOSM also works together to obtain the latest information from other agencies such as the Employees' Provident Fund (EPF), the Royal Malaysian Customs Department (JKDM), the Inland Revenue Board of Malaysia (LHDNM) and PBT.

The frame is updated to take into account new establishments and to record any changes in the Status of the establishments such as closed down, not in operation, change in activity and location/ correspondence address to ensure the frame is at the current status.

TYPE OF BUSINESS

Type of business activity is divided into primary and secondary. The primary activity refers to the activities which focus on its main resources and income. Secondary activities are defined as those incidental or ancillary to the primary activity. The classification of the establishment's industry is based on the primary activity based on the Malaysia Standard Industrial Classification (MSIC 2008) Version 1.0. The MSIC 2008 conforms to the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations, with modifications to suit local conditions.

CONCEPT AND DEFINITION

Concepts and definitions used are in line with the manual of Recommendations for Industrial Statistics 2008, United Nations Statistics Division. The definition of manufacturing used in this survey is consistent with MSIC 2008 Ver. 1.0.

Manufacturing is defined as the physical or chemical transformation of materials or components into new products, whether the work is performed by power driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail.

Capacity utilisation refers to a ratio of actual output produced to the production of output at full capacity through an optimal combination of machinery, raw materials and labour.

Export-oriented industry classified based on the threshold of value of exports exceeding 50 per cent of the sales value at aggregated of MSIC 3-digit and 2-digit while the industries which value of exports below the threshold are classified as **Domestic-oriented industry**. The determination of classification was conducted using data from the Economic Census 2011, Economic Census 2016, Annual Economic Survey 2018 and Monthly External Trade Statistics.

SAMPLING DESIGN

Sampling design of the survey is a one-stage stratified random sampling. The establishment is classified as sampling unit while a few categories of stratum was identified.

Each stratum has been set up to three (3) substrata to ensure the distributed sample takes into account the economic characteristics of the stratum. The main substratum is heterogeneous and was fully covered, whereas other substratum that are homogeneous were sampled.

Main substratum include large establishments which have a significant total revenue in the respective industry while for the second and third substratum are based on Micro, Small and Medium Enterprise (SME) categories.

SAMPLE SIZE

The main statistics used to estimate the sample size is the sales value. The formula used in the estimation of the sample size for a stratum is as follows;

$$n = \frac{(\sum N_i S_i)^2}{V + \sum N_i S_i^2}$$

Where:

S_i^2	variance for stratum i	V	desired variance
N	population size for stratum i	n	sample size

Where

$$V = RSE^2 \cdot \left(\frac{\hat{Y}_i}{Z}\right)^2$$

Z	value of confidence level	RSE	relative standard error
$\hat{Y}_i$	estimated sales value for stratum i		

Sample is distributed to substratum of the industry using Neyman Allocation method as follows:

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i \quad \begin{matrix} h = 2, 3 \text{ and } 4 \\ i = 1, 2, \dots \end{matrix}$$

Where:

n_{hi}	sample size for substratum h of stratum i	N_h	population size for substratum h
S_h	standard deviation for substratum h	n_i	sample size for stratum i
h	substratum	i	stratum

Establishments of the main substratum were fully covered while establishments of the second and third substratum were randomly selected using systematic random sampling.

COMPUTATIONAL PROCEDURE

Manufacturing capacity utilisation statistics was compiled by sub-sector, Division (2-digit), Group (3-digit) and state. Calculation of Manufacturing capacity utilisation (CU) at Malaysia level (1-digit),

$$CU(1D) = \frac{\sum_{k=1}^{24} [CU(2D) \times WVA(2D)]_k}{WVA(1D)}$$

Where:

$WVA(2D)$	weighted of value-added by MSIC Division (2-digit)	k	1,2,3,...,24 which 24 Division (2-digit)
$CU(2D)$	CU by MSIC Division (2-digit)	$WVA(1D)$	1

The same procedure was used to derive Manufacturing capacity utilisation at the state level.

REPORTING UNIT

The reporting unit used in the survey was the establishment. The establishment is defined as “an economic unit engaged in one activity, under a single legal entity and operating in a single physical location”. Each establishment was assigned an industry classification based on its principal activity. In the case of a multi-activity entity, units engaged in separate activities in the same location constituted distinct establishments.

Thus, each branch of a multi-branch organization at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity in terms of value. However, if in practice, the accounts were centrally kept such that it was not possible to obtain separate data for each individual unit or branch. The entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all the units or branches.

CONFIDENTIALITY REQUIRED

The survey is conducted under the provisions of the Statistics Act 1965 (Revised-1989). The Act stipulates that the contents of individual returns are confidential. In conformity with the stipulations of this Act, only aggregated figures are published.

REVISIONS

Revisions will be made to the published figures based on the latest data available.

SYMBOLS AND ABBREVIATIONS

The following symbols have been used throughout the publication:

n.e.c	Not elsewhere classified	Q	Quarter
%	Percent	CU	Capacity Utilisation
W.P.	Wilayah Persekutuan		