



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

PERANGKAAN PEMBUATAN BULANAN MONTHLY MANUFACTURING STATISTICS

NOVEMBER 2025
NOVEMBER 2025

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PEMAKLUMAN / ANNOUNCEMENT

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.

Malaysia buat julung kalinya telah menduduki tangga pertama (1) di peringkat global dalam laporan dwi-tahunan Open Data Inventory (ODIN) 2024/25 yang dikeluarkan oleh Open Data Watch (ODW), mengatasi 197 negara lain. Pencapaian ini merupakan lonjakan ketara daripada kedudukan ke-67 dalam penilaian ODIN 2022/23.

OpenDOSM NextGen adalah medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

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.

Malaysia has, for the first time, successfully secured the top position globally in the biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 197 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

OpenDOSM NextGen is a medium that provides data catalogue and visualisations to facilitate users' analysis and can be accessed through <https://open.dosm.gov.my>

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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KATA PENGANTAR

Penerbitan ini memaparkan perangkaan nilai jualan, bilangan pekerja bergaji dan gaji & upah secara bulanan berdasarkan Survei Pembuatan Bulanan. Objektif utama penerbitan ini adalah untuk menyediakan data aliran terkini sektor Pembuatan bagi membantu pengguna dalam perancangan, penggubalan dasar dan membuat keputusan.

Ringkasan penemuan dan jadual perangkaan yang terperinci masing-masing dipaparkan pada bahagian pertama dan kedua penerbitan ini. Sementara itu, aspek-aspek teknikal yang digunakan seperti skop dan liputan dan konsep dan definisi juga disediakan pada Bahagian ketiga bagi membantu pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia merakamkan penghargaan atas kerjasama yang diberikan oleh responden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan penerbitan ini. Sebarang maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

Dato' Sri Dr. Mohd Uzir Mahidin

Ketua Perangkawan Malaysia

Januari 2026



PREFACE

This publication presents monthly statistics on sales value, number of employees and salaries & wages based on the Monthly Manufacturing Survey. The main objective of this publication is to provide statistics on the latest trends of the Manufacturing sector to assist users in the planning, formulation of policies and decision making.

The summary findings and detailed statistical tables are highlighted in the first and second part of this publication respectively. Meanwhile, the technical aspects used such as scope and coverage and concepts and definitions are provided in the third part to assist users to understand the published statistics.

The Department of Statistics, Malaysia gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this publication a success. Any feedback and suggestion towards improving future publication is highly appreciated.

Dato' Sri Dr. Mohd Uzir Mahidin

Chief Statistician Malaysia

January 2026



KANDUNGAN / CONTENTS

	Muka Surat Page
Kata Pengantar / Preface	i - ii
Kandungan / Contents	iii - iv
Kalendar Awalan Keluaran 2025 / Advance Release Calendar 2025	v
Penemuan Utama / Main Findings	
Ringkasan Penemuan Perangkaan Pembuatan Bulanan (PPB), November 2025 <i>Summary of Findings Monthly Manufacturing Statistics (MMS), November 2025</i>	1 - 8
Jadual / Tables	
1 Perangkaan Utama Bagi Sektor Pembuatan <i>Principal Statistics of Manufacturing Sector</i>	9
1.1a Nilai Jualan Sektor Pembuatan Mengikut Subsektor <i>Sales Value of Manufacturing Sector by Sub-sector</i>	10 - 13
1.1b Nilai Jualan Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan <i>Sales Value of Manufacturing Sector by Sub-sector: Annual Percentage Change</i>	14 - 15
1.1c Nilai Jualan Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Bulanan/Suku Tahunan <i>Sales Value of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change</i>	16 - 17
1.2a Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor <i>Number of Paid Employees of Manufacturing Sector by Sub-sector</i>	18 - 21
1.2b Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan <i>Number of Paid Employees of Manufacturing Sector by Sub-sector: Annual Percentage Change</i>	22 - 23
1.2c Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Bulanan/Suku Tahunan <i>Number of Paid Employees of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change</i>	24 - 25
1.3a Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor <i>Salaries and Wages Paid of Manufacturing Sector by Sub-sector</i>	26 - 29
1.3b Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan <i>Salaries and Wages Paid of Manufacturing Sector by Sub-sector: Annual Percentage Change</i>	30 - 31

KANDUNGAN / CONTENTS

Muka Surat Page

Jadual / Tables

1.3c	Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Bulanan/Suku Tahunan <i>Salaries and Wages Paid of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change</i>	32 - 33
1.4a	Nilai Jualan Sektor Pembuatan Mengikut Kumpulan <i>Sales Value of Manufacturing Sector by Group</i>	34 – 49
1.4b	Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan <i>Sales Value of Manufacturing Sector by Group: Annual Percentage Change</i>	50 – 57
1.4c	Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan <i>Sales Value of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change</i>	58 - 65
1.5a	Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan <i>Number of Paid Employees of Manufacturing Sector by Group</i>	66 - 81
1.5b	Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan <i>Number of Paid Employees of Manufacturing Sector by Group: Annual Percentage Change</i>	82 - 89
1.5c	Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan <i>Number of Paid Employees of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change</i>	90 - 97
1.6a	Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan <i>Salaries and Wages Paid of Manufacturing Sector by Group</i>	98 - 113
1.6b	Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan <i>Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change</i>	114 - 121
1.6c	Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan <i>Salaries and Wages Paid of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change</i>	122 - 129
2	Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih <i>Production of Major Products in Selected Manufacturing Industries</i>	130 - 138

Nota Teknikal / Technical Notes

139 - 152

KALENDAR KELUARAN AWALAN 2025 / ADVANCE RELEASE CALENDAR 2025

Bulan rujukan / <i>Reference month</i>	Tarikh / <i>Date</i>
Januari 2025 / <i>January 2025</i>	12.03.2025
Februari 2025 / <i>February 2025</i>	11.04.2025
Mac 2025 / <i>March 2025</i>	08.05.2025
April 2025 / <i>April 2025</i>	11.06.2025
Mei 2025 / <i>May 2025</i>	11.07.2025
Jun 2025 / <i>June 2025</i>	07.08.2025
Julai 2025 / <i>July 2025</i>	11.09.2025
Ogos 2025 / <i>August 2025</i>	10.10.2025
September 2025 / <i>September 2025</i>	07.11.2025
Oktober 2025 / <i>October 2025</i>	12.12.2025
November 2025 / <i>November 2025</i>	09.01.2026
Disember 2025 / <i>December 2025</i>	09.02.2026

Nota / *Notes:*

Kenyataan akhbar dihantar kepada pihak media pada tarikh pengeluaran dengan masa embargo ditetapkan bagi penyiaran. Kenyataan akhbar tersebut disiarkan selepas masa embargo di portal Jabatan Perangkaan Malaysia (<http://www.dosm.gov.my>)

A press statement is issued to the media on the date of release with a specified embargo time for release. The press statement is posted after the embargo time on the portal of Department of Statistics Malaysia (<http://www.dosm.gov.my>)

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RINGKASAN PENEMUAN

*Summary of
Findings*

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PERANGKAAAN PEMBUATAN, NOVEMBER 2025

Nilai Jualan Sektor Pembuatan

Sumbangan : **23.5%**

Sumbangan : **34.6%**

YoY% : **10.8%**

Peralatan Elektrik & Elektronik

Lain-lain

Nilai Jualan
RM169.4b

Makanan, Minuman & Tembakau

Sumbangan : **19.9%**

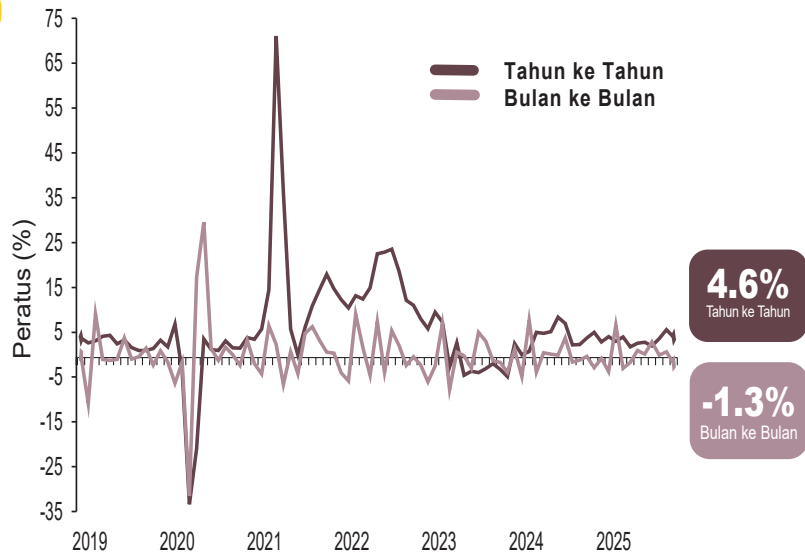
YoY% : **7.7%**

Petroleum, Kimia, Getah & Plastik

Sumbangan : **22.0%**

YoY% : **-4.0%**

Jualan sektor Pembuatan meningkat 4.6 peratus; berjumlah RM169.4 bilion pada November 2025



Bilangan Pekerja dan Gaji & Upah

2.42
Juta Pekerja

YoY% : **0.8%**

MoM% : **-0.2%**

RM8.46b
Gaji & Upah

YoY% : **1.9%**

MoM% : **-0.3%**

Sumbangan %

Peralatan Elektrik & Elektronik
YoY%: **1.3%** MoM%: **-0.02%**

1 **26.1%** **30.0%** **1**

Peralatan Elektrik & Elektronik
YoY%: **1.7%** MoM%: **-0.8%**

Petroleum, Kimia, Getah & Plastik
YoY%: **-1.0%** MoM%: **-0.4%**

2 **17.8%** **21.5%** **2**

Petroleum, Kimia, Getah & Plastik
YoY%: **0.5%** MoM%: **-1.2%**

Produk Mineral Bukan Logam, Logam Asas & Produk Logam yang Direka
YoY%: **1.0%** MoM%: **-0.4%**

3 **16.2%** **15.6%** **3**

Produk Mineral Bukan Logam, Logam Asas & Produk Logam yang Direka
YoY%: **2.3%** MoM%: **-0.1%**

Lain - lain

4 **39.9%** **32.9%** **4**

Lain - lain

Industri Berorientasikan Eksport dan Domestik



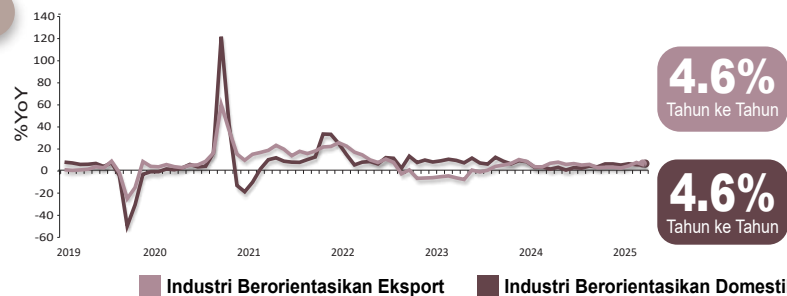
70.7%

Industri Berorientasikan Eksport

29.3%

Industri Berorientasikan Domestik

Daripada Jumlah Jualan



Sumber: Perangkaan Pembuatan Bulanan, Jabatan Perangkaan Malaysia (DOSM)



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BANI 26
BANKI EKONOMI 2026
DATA NADI EKONOMI RAKYAT

MALAYSIA
MADANI
kemampuan

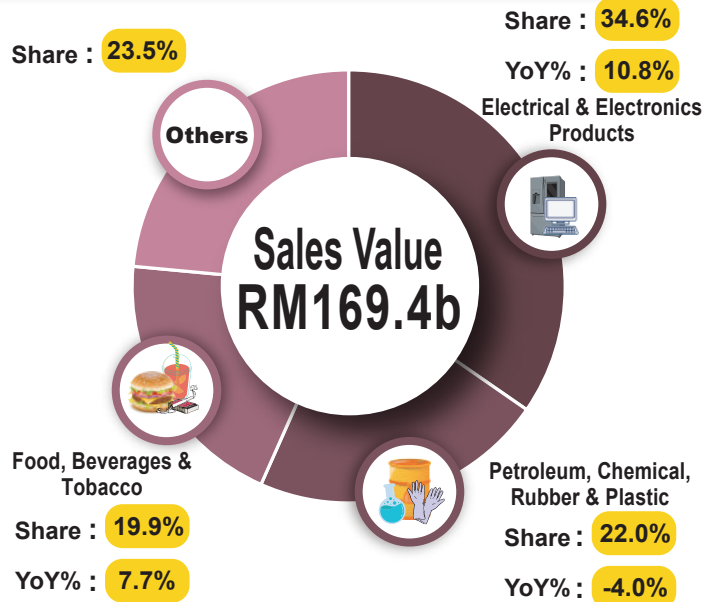
ODIN
OPEN DATA INVENTORY
MALAYSIA
TEMPAT PEJAJANG
DI DUNIA

20 Oktober

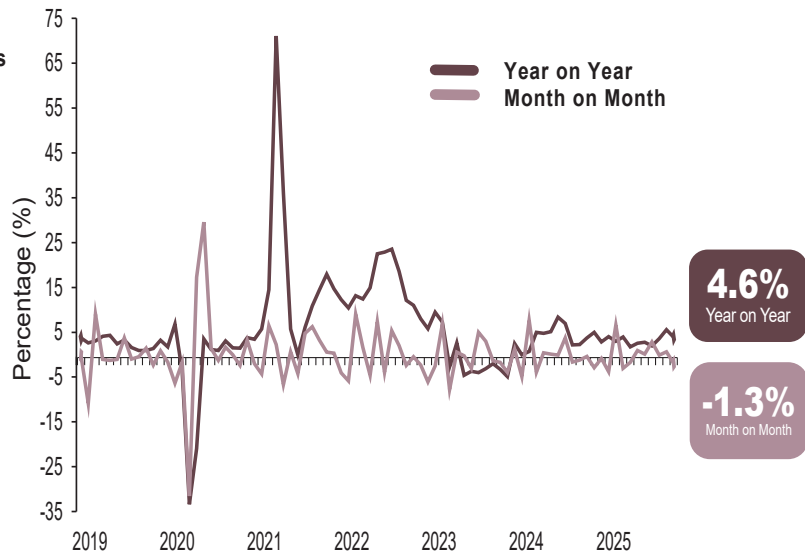
2016 - 2030

MANUFACTURING STATISTICS, NOVEMBER 2025

Sales Value of the Manufacturing Sector



The Manufacturing sector sales increased 4.6 per cent; amounted to RM169.4 billion in November 2025



Number of Employees and Salaries & Wages

2.42
Million Employees



YoY% : 0.8%

MoM% : -0.2%

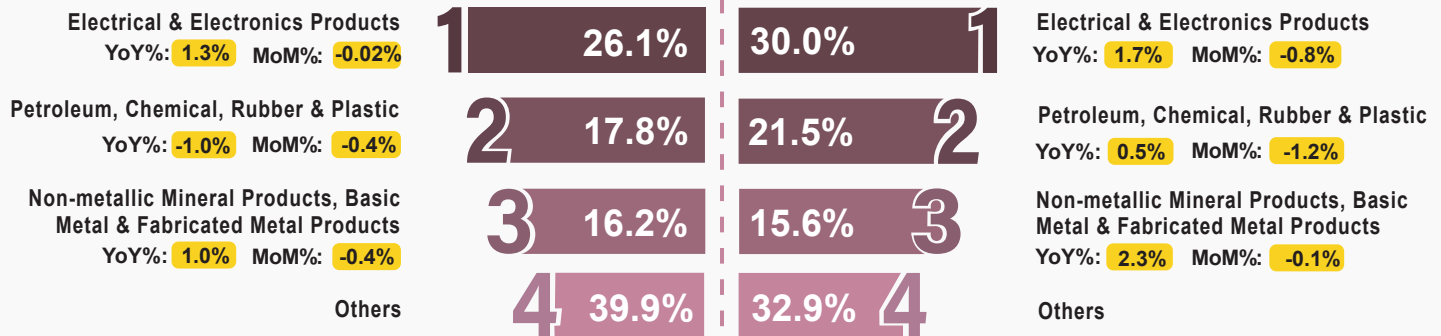
RM8.46b
Salaries & Wages



YoY% : 1.9%

MoM% : -0.3%

Share %



Export and Domestic-oriented Industries



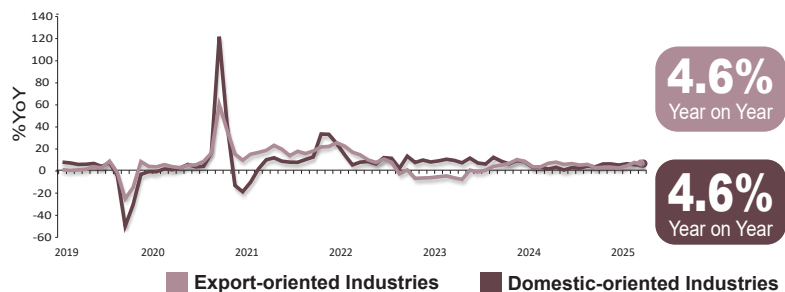
70.7%

Export-oriented Industries

29.3%

Domestic-oriented Industries

of total sales



Source: Monthly Manufacturing Statistics, Department of Statistics Malaysia (DOSM)



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PRESTASI SEKTOR PEMBUATAN NOVEMBER 2025

1.0 NILAI JUALAN SEKTOR PEMBUATAN

Sektor Pembuatan mencatatkan jualan RM169.4 bilion pada November 2025, berkembang 4.6 peratus (Oktober 2025: 6.3%) seperti yang ditunjukkan di **Carta 1**. Pada masa yang sama, nilai jualan pelarasan bermusim menurun 1.3 peratus berbanding bulan sebelumnya

Peningkatan nilai jualan dalam sektor Pembuatan disumbangkan terutamanya oleh subsektor Peralatan elektrik & elektronik, tumbuh 10.8 peratus pada November 2025 (Oktober 2025: 11.6%). Pertumbuhan ini turut disokong lagi oleh subsektor Makanan, Minuman dan Tembakau dan Produk mineral bukan logam, logam asas & produk logam, yang masing-masing meningkat sebanyak 7.7 peratus (Oktober 2025: 11.3%) dan 3.4 peratus (Oktober 2025: 4.6%).

Carta 1: Nilai Jualan Sektor Pembuatan, November 2024 - November 2025



*** Nota:**

- Laporan ini boleh diperoleh daripada laman portal Jabatan Perangkaan Malaysia (<https://www.dosm.gov.my>) di bawah ruangan: **Siaran Terkini**.
- Data bagi bulan November 2025 merupakan data **awalan**. Data ini akan dikemaskini berdasarkan data terkini yang diperoleh dan akan diterbitkan dalam penerbitan bulan Disember 2025.

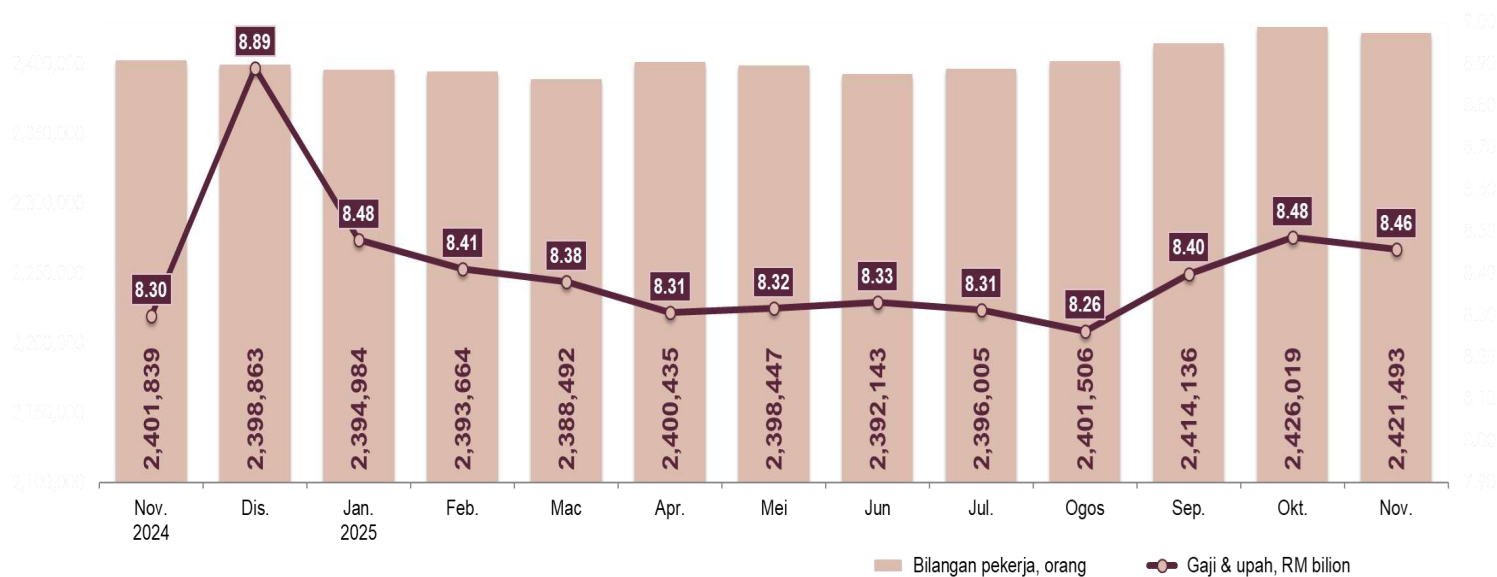
2.0 BILANGAN PEKERJA

Sejumlah 2.4 juta orang pekerja direkodkan dalam sektor ini pada November 2025, bertambah sebanyak 0.8 peratus (Oktober 2025: 1.1%). Pertambahan ini dipacu terutamanya oleh subsektor Makanan, minuman & tembakau (1.7%); Peralatan elektrik & elektronik (1.3%); dan Produk mineral bukan logam, logam asas & produk logam yang direka (1.0%). Berasaskan bulan ke bulan, bilangan pekerja dalam sektor ini berkurang sebanyak 0.2 peratus.

3.0 GAJI & UPAH

Gaji & upah yang dibayar dalam sektor Pembuatan juga mencatatkan pengembangan 1.9 peratus (Oktober 2025: 2.4%), berjumlah RM8.46 bilion pada November 2025 seperti yang ditunjukkan di **Carta 2**. Tambahan pula, gaji & upah yang dibayar menurun 0.3 peratus berbanding RM8.48 bilion yang direkodkan pada bulan sebelumnya.

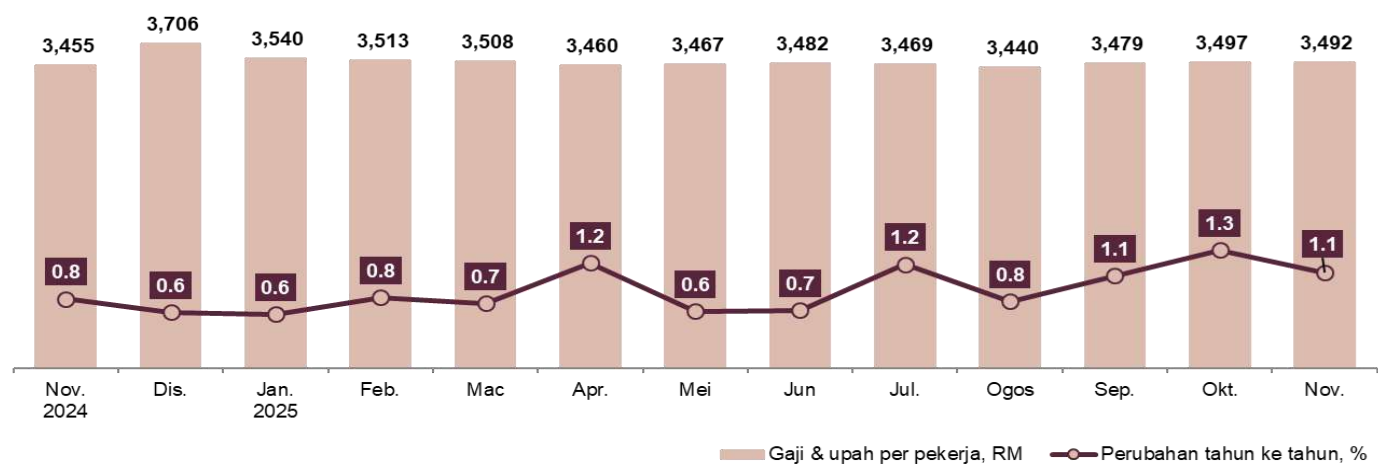
Carta 2: Bilangan Pekerja dan Gaji & Upah Sektor Pembuatan, November 2024 - November 2025



4.0 PURATA GAJI & UPAH PER PEKERJA

Purata gaji & upah bulanan bagi setiap pekerja adalah RM3,492 pada November 2025, meningkat sebanyak 1.1 peratus berbanding setahun yang lalu seperti yang dipaparkan di **Carta 3**. Sementara itu, purata gaji & upah bagi setiap pekerja susut sedikit sebanyak 0.1 peratus berbanding bulan sebelumnya (Oktober 2025: RM3,497).

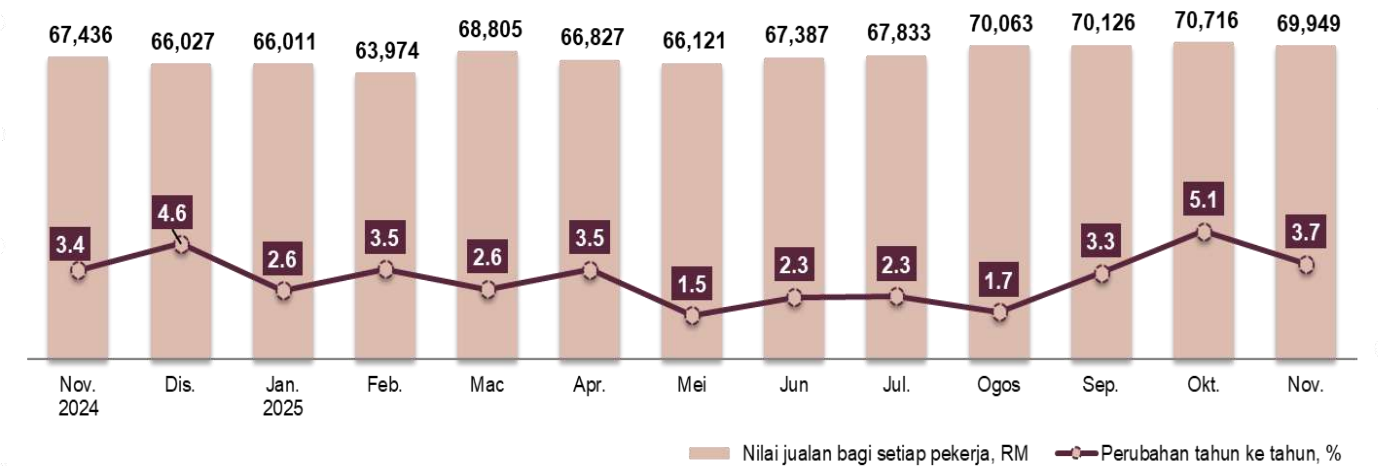
Carta 3: Gaji & Upah Per Pekerja Sektor Pembuatan, November 2024 - November 2025



5.0 NILAI JUALAN PER PEKERJA

Nilai jualan bagi setiap pekerja pada November 2025 meningkat sebanyak 3.7 peratus untuk merekodkan RM69,949 berbanding RM67,436 pada bulan yang sama tahun sebelumnya (**Carta 4**). Seiring dengan itu, purata nilai jualan bagi setiap pekerja berkurang 1.1 peratus berbanding Oktober 2025.

Carta 4: Nilai Jualan Per Pekerja Sektor Pembuatan, November 2024 - November 2025



6.0 PRESTASI BAGI TEMPOH JANUARI - NOVEMBER 2025

Bagi tempoh dari Januari sehingga November 2025, sektor Pembuatan merekodkan jualan kumulatif sebanyak RM1.8 trilion, tumbuh 4.0 peratus berbanding tempoh yang sama tahun 2024 (Januari – November 2024: 4.5%). Bilangan pekerja meningkat sebanyak 0.8 peratus kepada 2.4 juta orang, manakala gaji & upah meningkat 1.9 peratus kepada RM92.1 bilion.

Selain itu, nilai jualan setiap pekerja berjumlah RM742,017, tumbuh 3.1 peratus seperti ditunjukkan di **Jadual A**.

Jadual A: Nilai Jualan, Bilangan Pekerja, Gaji & Upah dan Nilai Jualan per Pekerja , Januari - November 2024 dan 2025

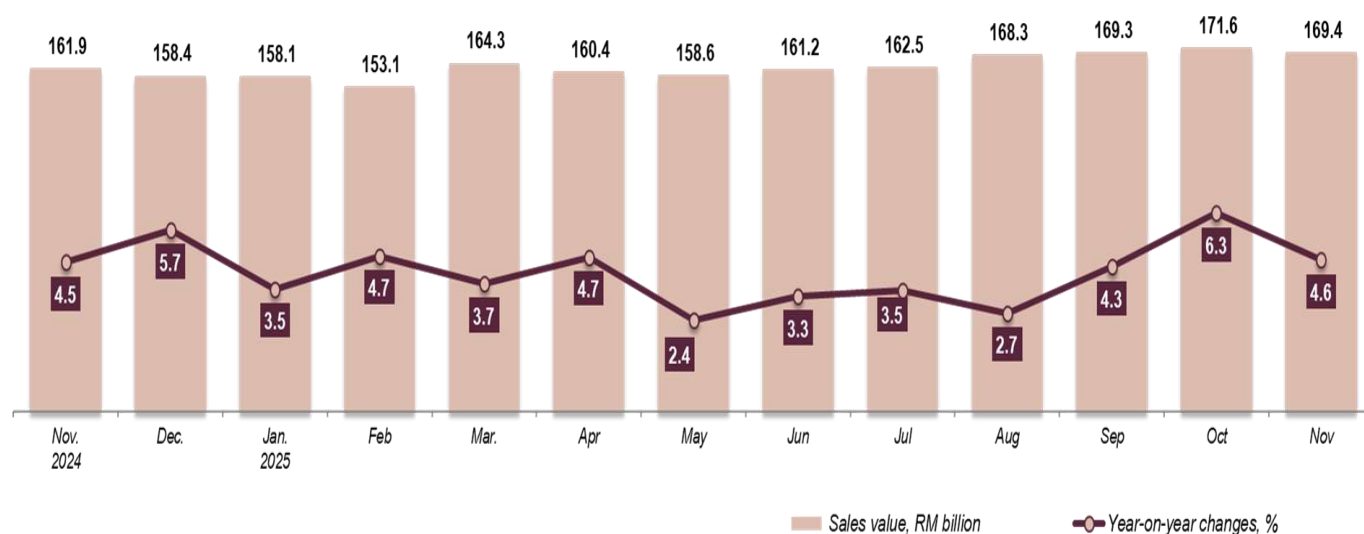
Perangkaan Pembuatan Bulanan	Januari - November		% Perubahan
	2024	2025	
Nilai Jualan (RM juta)	1,728,159	1,796,789	4.0
Bilangan Pekerja	2,401,839	2,421,493	0.8
Gaji & Upah (RM juta)	90,378	92,132	1.9
Nilai Jualan Per Pekerja (RM)	719,515	742,017	3.1

1.0 SALES VALUE OF THE MANUFACTURING SECTOR

The Manufacturing sector posted sales of RM169.4 billion in November 2025, expanded 4.6 per cent (October 2025: 6.3%) as shown in **Chart 1**. In the meantime, the seasonal adjusted sales value decreased by 1.3 per cent as compared to the preceding month.

The growth in sales value within the Manufacturing sector was mainly contributed by the Electrical & electronics products sub-sector, surged 10.8 per cent in November 2025 (October 2025: 11.6%). The growth was further supported by the Food, beverages & tobacco and the Non-metallic mineral products, basic metal & fabricated metal products sub-sectors, which rose by 7.7 per cent (October 2025: 11.3%) and 3.4 per cent (October 2025: 4.6%), respectively.

Chart 1: Sales Value of the Manufacturing Sector, November 2024 - November 2025



* Notes:

- This report can be accessed through the web portal of the Department of Statistics, Malaysia (<https://www.dosm.gov.my>) under the section: **Latest Releases**.
- Data for November 2025 is **provisional**. The data will be updated based on the latest available figures and subsequently published in the December 2025 publication.

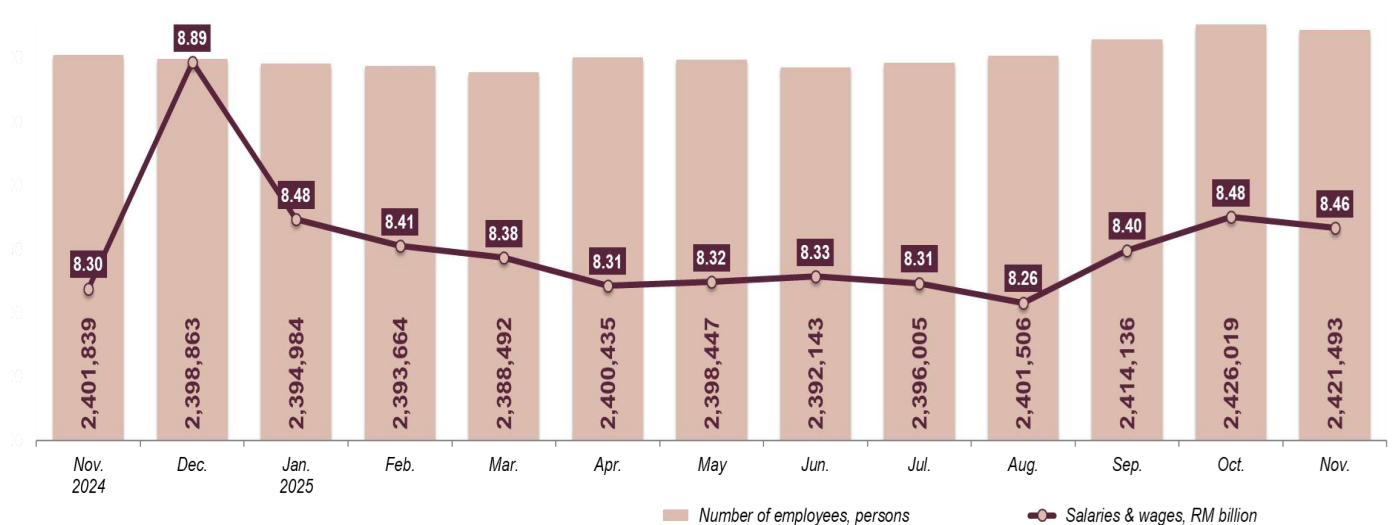
2.0 NUMBER OF EMPLOYEES

A total of 2.4 million employees were recorded in this sector during November 2025, augmented by 0.8 per cent (October 2025: 1.1%). The augmentation was mainly driven by the Food, beverages & tobacco (1.7%); Electrical & electronics products (1.3%); and Non-metallic mineral products, basic metal & fabricated metal products (1.0%). On a month-on-month basis, the number of employees in this sector decreased by 0.2 per cent.

3.0 SALARIES & WAGES

The salaries & wages paid in the Manufacturing sector also posted an expansion of 1.9 per cent (October 2025: 2.4%), amounted to RM8.46 billion in November 2025 as shown in **Chart 2**. In addition, the salaries & wages paid decreased 0.3 per cent compared to RM8.48 billion recorded in the preceding month.

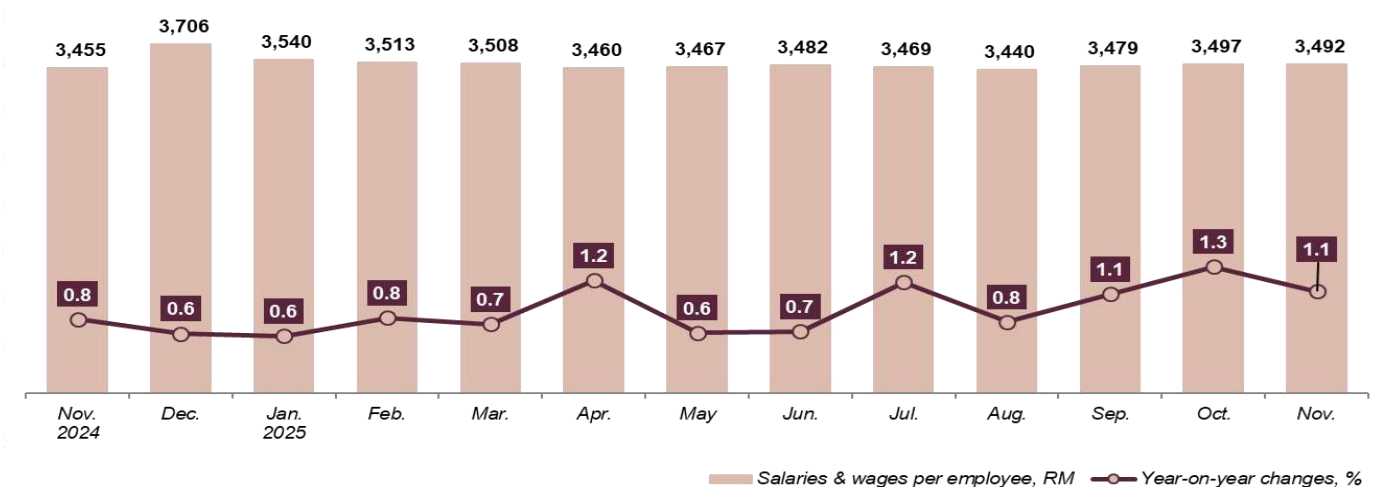
Chart 2: Number of Employees and Salaries & Wages in Manufacturing Sector, November 2024 - November 2025



4.0 AVERAGE SALARIES & WAGES PER EMPLOYEE

The average monthly salaries & wages per employee was RM3,492 in November 2025, rose 1.1 per cent as compared to a year ago as depicted in **Chart 3**. Meanwhile, the average salaries & wages paid per employee decreased marginally by 0.1 per cent as compared to the preceding month (October 2025: RM3,497).

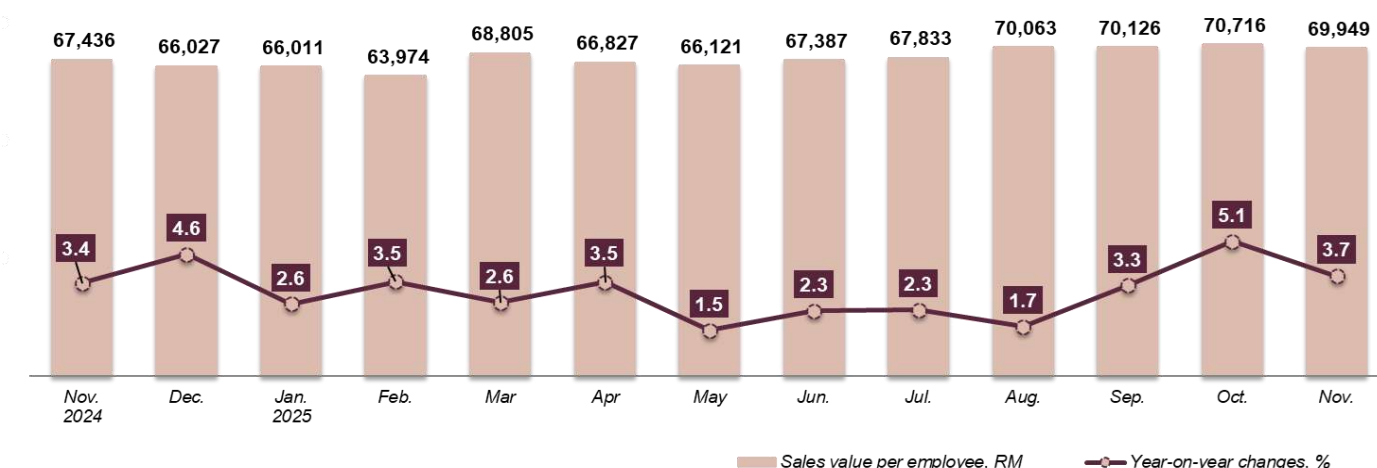
Chart 3: Salaries & Wages per Employee in Manufacturing Sector, November 2024 - November 2025



5.0 SALES VALUE PER EMPLOYEE

The sales value per employee in November 2025 increased by 3.7 per cent to record RM69,949 as compared to RM67,436 in the same month of the previous year (**Chart 4**). In the meantime, the average sales value per employee decreased 1.1 per cent as compared to October 2025.

Chart 4: Sales Value per Employee in Manufacturing Sector, November 2024 - November 2025



6.0 PERFORMANCE IN THE PERIOD JANUARY - NOVEMBER 2025

For the period of January to November 2025, the Manufacturing sector recorded cumulative sales of RM1.8 trillion, grew 4.0 per cent as compared to the same period of 2024 (January – November 2024: 4.5%). The number of employees upticked by 0.8 per cent to 2.4 million persons, while salaries & wages increased by 1.9 per cent to RM92.1 billion.

Moreover, the sales value per employee stood at RM742,017, grew 3.1 per cent. The details as per shown in **Table A**.

Table A: Sales Value, Number of Employees, Salaries & Wages and Sales Value per Employee, January - November of 2024 and 2025

Monthly Manufacturing Statistics	January - November		% Change
	2024	2025	
Sales Value (RM million)	1,728,159	1,796,789	4.0
Number of Employees	2,401,839	2,421,493	0.8
Salaries & Wages (RM million)	90,378	92,132	1.9
Sales Value per Employee (RM)	719,515	742,017	3.1

JADUAL

Tables

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Jadual **1** : Perangkaan Utama Sektor Pembuatan
Table : Principal Statistics of Manufacturing Sector

Tempoh Period		Nilai Jualan Produk Yang Dibuat Sendiri (Di Kilang) <i>Sales value of own (Ex-factory) (RM Juta/Million)</i>				Bilangan Pekerja Bergaji Pada Akhir Tempoh <i>Number of employees engaged at end of period</i>				Gaji & Upah Yang Dibayar <i>Salaries & wages paid (RM Juta/Million)</i>			
		Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM	Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM	Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM
2023		1,804,035	0.2			2,374,557	1.7			97,789	3.5		
2024		1,886,549	4.6			2,398,863	1.0			99,268	1.5		
2024	Q1	457,326	1.8			2,363,344	0.5			24,823	1.2		
	Q2	464,219	5.7			2,369,595	1.0			24,500	1.4		
	Q3	483,215	6.5			2,391,104	0.8			24,474	1.7		
	Q4	481,788	4.4			2,398,863	1.0			25,470	1.7		
2025	Q1	475,568	4.0			2,388,492	1.1			25,268	1.8		
	Q2	480,202	3.4			2,392,143	1.0			24,951	1.8		
	Q3	500,078	3.5			2,414,136	1.0			24,972	2.0		
2024	(Jan. - Nov.)	1,728,159	4.5			2,401,839	1.0			90,378	1.5		
2025	(Jan. - Nov.)	1,796,789	4.0			2,421,493	0.8			92,132	1.9		
2024	Jan.	152,704	3.2	149,845	4.3	2,372,913	1.3	2,356,488	-0.8	8,350	2.0	8,155	-1.1
	Feb.	146,191	0.7	155,213	3.6	2,365,000	0.6	2,351,807	-0.2	8,243	1.0	8,137	-0.2
	Mac	158,431	1.4	156,773	1.0	2,363,344	0.5	2,352,452	0.0	8,230	0.7	8,152	0.2
	Apr.	153,227	5.7	158,530	1.1	2,372,596	1.0	2,368,972	0.7	8,112	1.2	8,218	0.8
	Mei	154,897	5.5	162,213	2.3	2,377,714	0.9	2,376,146	0.3	8,191	1.1	8,257	0.5
	Jun	156,094	5.9	158,443	-2.3	2,369,595	1.0	2,380,330	0.2	8,198	1.8	8,296	0.5
	Jul.	157,060	9.1	164,504	3.8	2,369,452	1.3	2,384,811	0.2	8,124	2.4	8,324	0.3
	Ogo.	163,893	7.7	162,025	-1.5	2,378,065	1.0	2,389,702	0.2	8,119	1.5	8,279	-0.5
	Sep.	162,262	2.9	154,616	-4.6	2,391,104	0.8	2,394,816	0.2	8,231	1.2	8,294	0.2
	Okt.	161,428	3.0	153,822	-0.5	2,400,072	0.9	2,404,231	0.4	8,282	1.7	8,370	0.9
	Nov.	161,971	4.5	155,073	0.8	2,401,839	1.0	2,403,112	0.0	8,298	1.8	8,410	0.5
	Dis.	158,389	5.7	153,499	-1.0	2,398,863	1.0	2,398,072	-0.2	8,890	1.7	8,376	-0.4
2025	Jan.	158,095	3.5	160,099	4.3	2,394,984	0.9	2,388,272	-0.4	8,479	1.5	8,311	-0.8
	Feb.	153,133	4.7	162,012	1.2	2,393,664	1.2	2,389,793	0.1	8,410	2.0	8,326	0.2
	Mac	164,340	3.7	161,885	-0.1	2,388,492	1.1	2,385,010	-0.2	8,379	1.8	8,310	-0.2
	Apr.	160,415	4.7	163,163	0.8	2,400,435	1.2	2,398,852	0.6	8,306	2.4	8,404	1.1
	Mei	158,588	2.4	163,934	0.5	2,398,447	0.9	2,395,716	-0.1	8,315	1.5	8,367	-0.4
	Jun	161,199	3.3	162,941	-0.6	2,392,143	1.0	2,401,340	0.2	8,330	1.6	8,421	0.6
	Jul.	162,529	3.5	168,200	3.2	2,396,005	1.1	2,412,021	0.4	8,312	2.3	8,531	1.3
	Ogo.	168,256	2.7	165,559	-1.6	2,401,506	1.0	2,410,643	-0.1	8,262	1.8	8,449	-1.0
	Sep.	169,294	4.3	162,634	-1.8	2,414,136	1.0	2,413,147	0.1	8,398	2.0	8,474	0.3
	Okt.	171,559	6.3	165,489	1.8	2,426,019	1.1	2,420,693	0.3	8,485	2.4	8,556	1.0
	Nov.	169,382	4.6	163,414	-1.3	2,421,493	0.8	2,416,298	-0.2	8,456	1.9	8,535	-0.2

Jadual **1.1a** : Nilai Jualan Sektor Pembuatan Mengikut Subsektor
Table : Sales Value of Manufacturing Sector by Sub-sector

Subsektor Sub-sector	2023	2024	2024		
			Q1	Q2	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	309,508	338,336	75,567	80,980	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	292,444	319,765	70,861	76,479	
11 Pembuatan minuman <i>Manufacture of beverages</i>	13,055	14,226	3,399	3,387	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4,010	4,345	1,307	1,114	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	24,153	25,461	6,544	6,264	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	11,404	12,252	3,117	3,164	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	9,873	10,176	2,656	2,439	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	2,876	3,034	771	660	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	86,146	89,211	24,394	20,496	
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>	24,608	24,985	7,408	5,141	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	29,883	30,153	7,711	7,488	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	14,526	15,504	3,948	3,708	
31 Pembuatan perabot <i>Manufacture of furniture</i>	17,130	18,569	5,326	4,159	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	469,010	464,334	111,249	117,714	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	224,749	208,646	48,509	52,490	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	112,375	115,258	29,595	28,309	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	10,708	11,312	2,848	2,807	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	121,177	129,117	30,297	34,109	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	179,468	193,060	51,069	47,067	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	52,777	56,071	15,168	13,631	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	56,455	59,789	15,889	13,733	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	70,235	77,199	20,012	19,703	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	598,972	635,465	152,307	157,995	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	496,238	530,648	127,730	132,055	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	57,863	58,261	13,559	14,035	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	44,872	46,555	11,018	11,905	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	136,778	140,683	36,196	33,703	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	101,255	103,992	27,089	24,408	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	16,045	16,365	4,152	4,054	
32 Pembuatan lain <i>Other manufacturing</i>	13,315	13,872	3,248	3,755	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6,163	6,454	1,706	1,485	
Pembuatan Manufacturing	Jumlah Total	1,804,035	1,886,549	457,326	464,219

2025			2024		2025
Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)
87,830	93,959	84,786	91,389	95,911	307,191
83,353	89,071	79,739	86,659	90,944	290,222
3,592	3,849	3,734	3,623	4,058	12,960
885	1,039	1,313	1,107	909	4,009
6,234	6,419	6,516	6,209	6,171	23,307
2,981	2,989	2,978	3,084	2,891	11,231
2,530	2,551	2,715	2,408	2,510	9,335
722	880	823	718	770	2,741
20,760	23,561	24,704	20,666	21,038	81,270
5,590	6,845	7,351	5,065	5,581	22,730
7,466	7,487	7,601	7,301	7,299	27,644
3,777	4,071	4,213	3,978	4,057	14,101
3,926	5,157	5,539	4,322	4,101	16,795
121,055	114,315	110,739	112,969	117,991	428,350
56,180	51,468	45,602	47,867	54,278	193,496
29,460	27,894	30,301	27,984	28,679	105,689
2,885	2,772	3,016	3,045	3,156	10,401
32,529	32,182	31,821	34,074	31,877	118,764
45,542	49,382	52,852	48,857	47,024	175,952
13,493	13,779	15,491	14,054	13,470	51,228
13,850	16,317	16,574	14,482	14,587	54,411
18,199	19,285	20,788	20,321	18,966	70,314
167,434	157,728	163,677	167,531	176,883	583,446
140,640	130,224	137,747	139,847	148,454	487,864
15,929	14,738	14,022	14,675	16,759	53,510
10,866	12,766	11,908	13,009	11,670	42,073
34,360	36,425	32,293	32,580	35,061	128,644
25,671	26,824	22,852	23,008	25,943	95,118
3,700	4,459	4,196	4,059	3,786	14,908
3,498	3,371	3,434	3,913	3,764	12,740
1,492	1,770	1,812	1,600	1,567	5,878
483,215	481,788	475,568	480,202	500,078	1,728,159
					1,796,789

Jadual **1.1a** : Nilai Jualan Sektor Pembuatan Mengikut Subsektor (samb.)
Table **1.1a** : Sales Value of Manufacturing Sector by Sub-sector (cont.)

Subsektor Sub-sector	2024								
	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	27,744	23,712	24,111	26,408	27,470	27,102	28,269	30,064	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	26,219	22,214	22,427	24,813	25,946	25,720	26,797	28,526	
11 Pembuatan minuman <i>Manufacture of beverages</i>	1,115	1,091	1,193	1,196	1,113	1,077	1,164	1,234	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	410	407	490	399	411	305	308	304	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2,234	2,102	2,209	2,094	2,142	2,027	2,132	2,098	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	1,071	1,018	1,029	1,026	1,088	1,050	1,030	1,032	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	899	835	922	840	832	767	886	822	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	264	250	258	227	223	210	217	244	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8,176	7,796	8,421	7,512	6,822	6,162	6,456	6,985	
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>	2,482	2,290	2,636	2,097	1,638	1,406	1,478	1,976	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2,579	2,537	2,595	2,612	2,456	2,420	2,513	2,508	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	1,321	1,316	1,310	1,279	1,199	1,229	1,296	1,234	
31 Pembuatan perabot <i>Manufacture of furniture</i>	1,794	1,652	1,880	1,523	1,528	1,107	1,168	1,267	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	38,231	34,736	38,283	39,467	37,848	40,399	41,362	40,616	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	17,176	15,204	16,129	17,118	16,001	19,370	19,483	18,780	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	10,322	9,379	9,894	9,594	9,450	9,265	9,711	10,241	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	904	942	1,001	965	846	996	962	954	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	9,828	9,211	11,259	11,790	11,551	10,769	11,206	10,642	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	17,081	16,443	17,545	16,967	15,189	14,912	14,482	15,169	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	5,140	4,869	5,158	4,804	4,434	4,393	4,582	4,523	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	5,140	5,203	5,546	5,225	4,465	4,042	3,899	4,513	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	6,801	6,371	6,840	6,938	6,289	6,476	6,000	6,133	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	46,315	49,820	56,172	49,253	53,228	55,514	52,637	57,137	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	37,731	41,913	48,086	40,611	44,502	46,942	44,057	48,073	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	4,772	4,323	4,464	4,586	4,766	4,683	5,070	5,397	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	3,813	3,584	3,621	4,056	3,960	3,889	3,509	3,667	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	12,922	11,582	11,692	11,526	12,199	9,978	11,723	11,823	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	9,877	8,718	8,494	8,193	9,157	7,058	8,944	9,015	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	1,374	1,288	1,491	1,486	1,302	1,267	1,209	1,202	
32 Pembuatan lain <i>Other manufacturing</i>	1,123	1,049	1,075	1,237	1,309	1,209	1,144	1,134	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	548	527	632	610	432	444	426	473	
Pembuatan Manufacturing	Jumlah Total	152,704	146,191	158,431	153,227	154,897	156,094	157,060	163,893

(RM Juta/Million)

2025														
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
29,497	31,595	31,219	31,145	30,687	27,152	26,948	29,263	31,043	31,083	30,799	32,935	32,177	35,156	33,626
28,030	29,916	29,612	29,543	29,053	25,539	25,147	27,605	29,456	29,598	29,184	31,242	30,517	33,251	31,815
1,193	1,319	1,263	1,266	1,216	1,199	1,319	1,263	1,185	1,175	1,302	1,383	1,373	1,531	1,449
274	360	343	336	417	414	482	394	402	310	312	310	287	373	362
2,004	2,098	2,168	2,154	2,232	2,112	2,172	2,112	2,112	1,985	2,106	2,053	2,012	2,099	2,156
920	964	1,004	1,020	1,041	983	954	1,006	1,059	1,018	1,003	984	905	953	967
823	851	859	841	908	861	946	858	810	740	869	813	828	847	865
261	282	305	292	283	268	272	249	243	226	234	257	280	299	324
7,319	7,618	8,002	7,941	8,215	7,979	8,510	7,630	6,858	6,178	6,503	7,097	7,438	7,777	8,045
2,137	2,318	2,272	2,255	2,458	2,306	2,587	2,110	1,600	1,355	1,432	2,040	2,108	2,307	2,267
2,445	2,428	2,551	2,509	2,530	2,510	2,561	2,590	2,386	2,325	2,449	2,427	2,424	2,410	2,459
1,247	1,228	1,440	1,403	1,410	1,412	1,391	1,365	1,295	1,319	1,365	1,328	1,363	1,349	1,532
1,490	1,644	1,740	1,774	1,818	1,750	1,971	1,565	1,578	1,180	1,257	1,301	1,543	1,712	1,788
39,077	39,534	38,797	35,984	38,534	34,590	37,616	38,584	35,943	38,443	39,837	39,470	38,684	39,061	37,258
17,917	18,536	17,782	15,150	16,807	14,180	14,614	15,643	14,413	17,810	18,239	18,267	17,772	17,951	16,839
9,509	8,991	9,335	9,569	10,428	9,726	10,147	9,756	9,210	9,017	9,479	9,881	9,319	9,111	9,377
970	949	912	911	935	1,010	1,070	1,038	930	1,077	1,047	1,040	1,069	1,088	1,029
10,681	11,059	10,769	10,353	10,364	9,673	11,784	12,146	11,389	10,539	11,072	10,282	10,524	10,910	10,013
15,891	15,842	16,432	17,108	17,441	17,163	18,248	17,749	15,751	15,357	15,038	15,666	16,320	16,563	16,995
4,388	4,273	4,663	4,843	5,194	4,969	5,328	5,018	4,588	4,448	4,618	4,547	4,305	4,253	4,719
5,438	5,426	5,513	5,379	5,237	5,474	5,862	5,534	4,656	4,292	4,182	4,706	5,700	5,782	5,761
6,066	6,143	6,256	6,886	7,010	6,720	7,058	7,197	6,507	6,616	6,237	6,413	6,316	6,528	6,515
57,661	52,772	52,938	52,019	49,687	53,688	60,302	53,971	55,563	57,997	56,274	59,252	61,357	58,900	58,667
48,509	43,722	43,716	42,785	40,637	45,199	51,911	44,744	46,359	48,744	47,092	49,902	51,460	48,991	48,557
5,462	5,165	4,823	4,751	4,893	4,524	4,605	4,785	4,937	4,953	5,239	5,503	6,016	5,645	5,344
3,689	3,885	4,398	4,483	4,157	3,965	3,786	4,443	4,267	4,299	3,943	3,847	3,880	4,264	4,766
10,814	11,970	12,416	12,039	11,299	10,450	10,545	11,106	11,317	10,157	11,972	11,783	11,305	12,003	12,635
7,712	8,825	9,126	8,874	8,140	7,476	7,236	7,682	8,181	7,145	9,087	8,845	8,012	8,680	9,196
1,289	1,465	1,537	1,457	1,391	1,309	1,496	1,466	1,317	1,276	1,215	1,226	1,346	1,533	1,570
1,220	1,096	1,143	1,132	1,195	1,107	1,132	1,295	1,347	1,271	1,218	1,220	1,326	1,181	1,235
593	584	610	576	574	557	681	663	471	466	452	494	621	609	633
162,262	161,428	161,971	158,389	158,095	153,133	164,340	160,415	158,588	161,199	162,529	168,256	169,294	171,559	169,382

Jadual **1.1b** : Nilai Jualan Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan
Table : Sales Value of Manufacturing Sector by Sub-sector: Annual Percentage Change

Subsektor Sub-sector	2023	2024	2024				2025			2024	2025
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-3.3	9.3	3.4	8.2	12.3	12.7	12.2	12.9	9.2	8.8	11.0
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-3.8	9.3	3.2	8.1	12.5	12.8	12.5	13.3	9.1	8.8	11.1
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.7	9.0	6.1	8.2	9.4	12.0	9.8	7.0	13.0	8.3	11.1
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	17.6	8.4	9.3	11.8	9.6	2.8	0.5	-0.7	2.7	8.7	1.4
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.2	5.4	6.4	6.4	6.7	2.4	-0.4	-0.9	-1.0	5.6	-0.7
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.1	7.4	7.6	10.4	7.6	4.1	-4.5	-2.5	-3.0	7.6	-3.2
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	3.1	4.9	2.8	5.8	-1.0	2.2	-1.3	-0.8	3.5	0.1
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	9.0	5.5	6.7	1.8	6.0	6.9	6.7	8.7	6.6	5.1	7.0
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.4	3.6	3.3	4.7	4.5	2.0	1.3	0.8	1.3	3.6	1.2
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>	-5.0	1.5	-1.3	3.3	4.4	1.0	-0.8	-1.5	-0.2	1.5	-0.7
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	5.7	0.9	2.0	1.5	1.1	-1.0	-1.4	-2.5	-2.2	1.0	-2.1
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.0	6.7	3.6	7.4	9.3	7.0	6.7	7.3	7.4	6.7	7.3
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.2	8.4	12.6	10.5	7.0	3.9	4.0	3.9	4.5	8.9	4.0
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-6.0	-1.0	-4.8	-0.4	1.3	-0.1	-0.5	-4.0	-2.5	-1.2	-2.4
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	-10.1	-7.2	-12.9	-7.2	-3.9	-4.8	-6.0	-8.8	-3.4	-7.5	-5.7
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	0.7	2.6	-0.1	5.7	4.6	0.4	2.4	-1.1	-2.7	2.6	-0.2
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	5.2	5.6	5.4	6.8	6.3	4.1	5.9	8.5	9.4	5.6	9.0
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-5.0	6.6	4.9	5.9	7.7	7.7	5.0	-0.1	-2.0	6.6	-0.1
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	6.8	7.6	8.3	11.0	8.0	3.4	3.5	3.8	3.3	8.0	3.6
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	7.1	6.2	7.5	8.0	7.2	2.4	2.1	3.1	-0.2	6.6	1.5
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4.1	5.9	4.0	10.6	7.8	2.6	4.3	5.5	5.3	6.3	5.1
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	8.8	9.9	12.7	13.5	8.8	4.9	3.9	3.1	4.2	10.4	4.0
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	3.0	6.1	2.2	7.3	8.1	6.8	7.5	6.0	5.6	5.9	7.2
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.4	6.9	2.4	8.7	9.3	7.4	7.8	5.9	5.6	6.7	7.3
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3.2	0.7	-0.2	-0.9	1.8	1.8	3.4	4.6	5.2	0.6	5.5
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-1.9	3.8	1.9	3.2	3.0	6.6	8.1	9.3	7.4	3.2	8.4
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	10.9	2.9	8.2	8.4	3.1	-6.4	-10.8	-3.3	2.0	3.9	-3.2
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	13.5	2.7	9.9	9.9	3.1	-9.1	-15.6	-5.7	1.1	4.1	-5.7
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.3	2.0	1.9	2.7	1.8	1.6	1.0	0.1	2.3	1.9	1.6
32 Pembuatan lain <i>Other manufacturing</i>	5.1	4.2	5.0	5.6	4.2	1.9	5.7	4.2	7.6	4.3	6.2
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	7.3	4.7	4.7	7.1	4.1	3.3	6.2	7.7	5.1	4.9	5.8
Pembuatan Manufacturing	Jumlah Total	0.2	4.6	1.8	5.7	6.5	4.4	4.0	3.4	3.5	4.0

(%)

2024												2025										
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
11.4	-2.3	0.9	8.2	7.7	8.6	16.0	16.1	5.6	11.2	12.3	14.6	10.6	14.5	11.8	10.8	13.0	14.7	8.9	9.6	9.1	11.3	7.7
11.7	-2.9	0.5	8.3	7.8	8.4	16.2	16.5	5.5	11.4	12.4	14.7	10.8	15.0	12.1	11.3	13.5	15.1	8.9	9.5	8.9	11.1	7.4
6.5	4.6	7.2	7.0	6.2	11.8	9.4	9.9	8.9	7.2	13.1	16.3	9.1	9.9	10.5	5.6	6.5	9.1	11.8	12.1	15.1	16.1	14.7
3.9	16.7	8.3	11.2	9.2	16.3	19.2	6.0	4.2	2.8	1.5	4.3	1.9	1.7	-1.7	-1.2	-2.1	1.9	1.6	2.0	4.8	3.6	5.3
8.0	4.2	6.9	6.5	7.3	5.3	9.7	7.6	2.9	3.0	0.9	3.3	-0.1	0.5	-1.6	0.9	-1.4	-2.1	-1.2	-2.1	0.4	0.1	-0.5
8.9	8.5	5.5	8.6	12.3	10.3	11.3	9.7	1.7	2.9	3.7	5.7	-2.8	-3.4	-7.3	-2.0	-2.6	-3.0	-2.6	-4.7	-1.7	-1.2	-3.7
7.1	-1.4	9.0	5.3	3.2	-0.3	9.3	5.3	2.9	2.4	-3.9	-1.2	1.0	3.2	2.6	2.1	-2.7	-3.5	-1.8	-1.1	0.7	-0.5	0.7
7.9	6.9	5.3	1.8	0.6	3.2	3.8	6.6	7.5	5.4	6.0	9.3	7.2	7.3	5.5	9.4	9.1	7.4	7.8	5.2	6.9	5.9	6.4
5.5	1.0	3.4	5.6	3.5	5.0	8.4	3.7	2.1	0.8	2.2	2.8	0.5	2.3	1.0	1.6	0.5	0.3	0.7	1.6	1.6	2.1	0.5
0.1	-5.1	1.1	3.5	1.7	5.0	9.3	2.7	2.9	0.3	0.5	2.3	-1.0	0.7	-1.9	0.6	-2.3	-3.6	-3.1	3.3	-1.3	-0.5	-0.2
6.7	1.3	-1.7	1.1	0.8	2.7	6.8	0.5	-3.5	-4.1	0.7	0.4	-1.9	-1.1	-1.3	-0.9	-2.8	-3.9	-2.6	-3.3	-0.9	-0.7	-3.6
4.7	2.5	3.5	7.6	5.9	8.7	13.4	7.5	7.0	6.7	7.3	7.0	6.7	7.3	6.1	6.7	7.9	7.3	5.3	7.7	9.3	9.8	6.4
13.0	9.2	15.3	16.1	8.3	6.3	5.4	8.7	6.8	5.3	2.6	3.9	1.4	5.9	4.8	2.7	3.2	6.5	7.6	2.7	3.5	4.2	2.8
-7.9	-3.4	-2.9	2.1	-6.1	3.1	6.2	-0.7	-1.7	-1.3	0.1	1.2	0.8	-0.4	-1.7	-2.2	-5.0	-4.8	-3.7	-2.8	-1.0	-1.2	-4.0
-21.0	-8.8	-6.7	-5.2	-17.6	1.6	4.8	-7.5	-8.5	-7.0	-4.4	-2.4	-2.1	-6.7	-9.4	-8.6	-9.9	-8.1	-6.4	-2.7	-0.8	-3.2	-5.3
5.3	-2.6	-3.0	9.9	3.8	3.4	7.1	4.1	2.7	-1.0	0.4	1.7	1.0	3.7	2.6	1.7	-2.5	-2.7	-2.4	-3.5	-2.0	1.3	0.5
3.3	6.5	6.3	7.4	3.0	9.4	8.7	5.4	4.9	1.7	4.6	6.1	3.4	7.2	6.9	7.5	10.0	8.2	8.8	9.1	10.2	14.7	12.8
8.0	4.9	2.3	7.4	5.2	4.9	8.0	8.2	7.1	9.2	7.7	6.2	5.5	5.0	4.7	3.0	-1.4	-2.1	-1.2	-3.4	-1.5	-1.3	-7.0
9.6	5.7	9.6	12.8	8.9	11.1	11.1	8.3	5.1	4.4	2.7	3.2	2.1	4.4	4.0	4.6	3.7	3.0	3.8	3.3	2.7	4.6	3.4
12.1	4.2	6.5	9.7	7.3	6.8	10.8	6.8	4.1	3.9	1.1	2.3	1.0	2.1	3.3	4.5	3.5	1.3	0.8	0.5	-1.9	-0.5	1.2
4.0	3.1	4.8	10.3	9.4	12.3	15.2	8.0	3.0	2.9	2.6	2.2	1.9	5.2	5.7	5.9	4.3	6.2	7.2	4.3	4.8	6.6	4.5
12.3	9.1	16.6	17.0	9.7	13.5	8.7	9.7	7.9	6.1	4.1	4.8	3.1	5.5	3.2	3.7	3.5	2.2	4.0	4.6	4.1	6.3	4.1
2.9	1.3	2.4	2.7	12.2	7.1	8.2	10.3	5.8	3.2	8.6	8.7	7.3	7.8	7.4	9.6	4.4	4.5	6.9	3.7	6.4	11.6	10.8
2.7	1.5	3.0	2.9	14.3	8.8	9.1	12.0	6.9	3.1	9.8	9.4	7.7	7.8	8.0	10.2	4.2	3.8	6.9	3.8	6.1	12.1	11.1
4.1	-1.8	-2.9	-0.2	2.4	-4.6	3.3	1.5	0.9	3.2	0.1	1.9	2.6	4.6	3.1	4.3	3.6	5.8	3.3	2.0	10.1	9.3	10.8
3.3	1.6	0.7	4.6	2.4	2.7	5.6	2.8	0.7	3.3	7.2	9.2	9.0	10.6	4.5	9.5	7.7	10.5	12.4	4.9	5.2	9.8	8.4
15.8	10.4	-0.9	16.9	10.7	-2.4	6.1	8.5	-5.0	-2.4	-9.5	-6.8	-12.6	-9.8	-9.8	-3.6	-7.2	1.8	2.1	-0.3	4.5	0.3	1.8
19.8	13.2	-2.4	23.1	12.9	-5.2	6.2	10.4	-7.3	-3.6	-13.0	-10.0	-17.6	-14.2	-14.8	-6.2	-10.7	1.2	1.6	-1.9	3.9	-1.6	0.8
3.8	1.9	0.1	1.7	4.7	2.0	3.1	1.6	0.8	0.5	1.2	3.1	1.2	1.6	0.4	-1.4	1.2	0.8	0.5	2.0	4.4	4.6	2.2
5.9	3.6	5.3	6.3	3.6	7.2	9.2	2.9	1.0	0.3	2.1	3.2	6.4	5.5	5.2	4.7	2.9	5.1	6.5	7.5	8.7	7.8	8.1
3.4	3.0	7.4	5.6	7.3	9.2	4.8	5.3	2.6	4.9	1.8	3.4	4.8	5.8	7.8	8.7	9.2	4.9	6.2	4.4	4.8	4.2	3.8
3.2	0.7	1.4	5.7	5.5	5.9	9.1	7.7	2.9	3.0	4.5	5.7	3.5	4.7	3.7	4.7	2.4	3.3	3.5	2.7	4.3	6.3	4.6

Jadual **1.1c** : Nilai Jualan Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Bulanan/Suku Tahunan
Table **1.1c** : Sales Value of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change

Subsektor Sub-sector	2024				2025			2024		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-9.4	7.2	8.5	7.0	-9.8	7.8	4.9	2.1	-14.5	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-10.2	7.9	9.0	6.9	-10.5	8.7	4.9	1.8	-15.3	
11 Pembuatan minuman <i>Manufacture of beverages</i>	-1.1	-0.4	6.0	7.2	-3.0	-3.0	12.0	2.4	-2.2	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	29.4	-14.7	-20.6	17.4	26.4	-15.7	-17.9	27.3	-0.6	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	4.4	-4.3	-0.5	3.0	1.5	-4.7	-0.6	7.2	-5.9	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	8.6	1.5	-5.8	0.2	-0.4	3.5	-6.3	10.9	-4.9	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	3.1	-8.1	3.7	0.8	6.4	-11.3	4.3	5.6	-7.2	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	-6.3	-14.4	9.4	21.8	-6.5	-12.8	7.3	-1.3	-5.5	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.6	-16.0	1.3	13.5	4.9	-16.3	1.8	5.9	-4.7	
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>	9.3	-30.6	8.7	22.4	7.4	-31.1	10.2	12.6	-7.7	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.9	-2.9	-0.3	0.3	1.5	-3.9	-0.03	3.2	-1.6	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	3.8	-6.1	1.9	7.8	3.5	-5.6	2.0	0.8	-0.4	
31 Pembuatan perabot <i>Manufacture of furniture</i>	7.3	-21.9	-5.6	31.4	7.4	-22.0	-5.1	5.1	-7.9	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-2.7	5.8	2.8	-5.6	-3.1	2.0	4.4	7.6	-9.1	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	-10.3	8.2	7.0	-8.4	-11.4	5.0	13.4	10.6	-11.5	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	6.5	-4.3	4.1	-5.3	8.6	-7.6	2.5	9.7	-9.1	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	6.9	-1.5	2.8	-3.9	8.8	1.0	3.7	5.3	4.2	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1.4	12.6	-4.6	-1.1	-1.1	7.1	-6.4	0.8	-6.3	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	7.0	-7.8	-3.2	8.4	7.0	-7.6	-3.8	3.1	-3.7	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	12.7	-10.1	-1.0	2.1	12.4	-9.3	-4.2	8.6	-5.3	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	-0.1	-13.6	0.9	17.8	1.6	-12.6	0.7	-2.4	1.2	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	8.9	-1.5	-7.6	6.0	7.8	-2.2	-6.7	3.5	-6.3	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	3.1	3.7	6.0	-5.8	3.8	2.4	5.6	-3.2	7.6	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	5.3	3.4	6.5	-7.4	5.8	1.5	6.2	-3.5	11.1	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-6.4	3.5	13.5	-7.5	-4.9	4.7	14.2	2.4	-9.4	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-8.0	8.1	-8.7	17.5	-6.7	9.2	-10.3	-7.1	-6.0	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-7.0	-6.9	2.0	6.0	-11.3	0.9	7.6	-0.01	-10.4	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-8.2	-9.9	5.2	4.5	-14.8	0.7	12.8	0.2	-11.7	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	-5.4	-2.4	-8.7	20.5	-5.9	-3.3	-6.7	-2.9	-6.2	
32 Pembuatan lain <i>Other manufacturing</i>	-1.8	15.6	-6.9	-3.6	1.9	14.0	-3.8	2.4	-6.6	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	-0.4	-13.0	0.4	18.7	2.3	-11.7	-2.0	-1.7	-3.8	
Pembuatan Manufacturing	Jumlah Total	-0.9	1.5	4.1	-0.3	-1.3	1.0	4.1	1.9	-4.3

(%)

2025																				
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
1.7	9.5	4.0	-1.3	4.3	6.3	-1.9	7.1	-1.2	-0.2	-1.5	-11.5	-0.8	8.6	6.1	0.1	-0.9	6.9	-2.3	9.3	-4.4
1.0	10.6	4.6	-0.9	4.2	6.5	-1.7	6.7	-1.0	-0.2	-1.7	-12.1	-1.5	9.8	6.7	0.5	-1.4	7.1	-2.3	9.0	-4.3
9.4	0.2	-6.9	-3.2	8.1	6.0	-3.4	10.6	-4.2	0.3	-4.0	-1.4	10.0	-4.2	-6.2	-0.8	10.8	6.2	-0.8	11.6	-5.4
20.3	-18.6	3.0	-25.8	1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-0.8	16.3	-18.2	2.0	-22.8	0.6	-0.9	-7.2	29.9	-3.1
5.1	-5.2	2.3	-5.4	5.2	-1.6	-4.5	4.7	3.3	-0.6	3.6	-5.3	2.8	-2.8	-0.01	-6.0	6.1	-2.5	-2.0	4.3	2.7
1.1	-0.2	6.0	-3.5	-1.9	0.2	-10.9	4.8	4.1	1.6	2.0	-5.6	-3.0	5.5	5.3	-3.9	-1.5	-1.9	-8.0	5.3	1.5
10.4	-8.8	-1.0	-7.8	15.4	-7.2	0.1	3.5	0.9	-2.0	7.9	-5.1	9.8	-9.4	-5.6	-8.6	17.4	-6.5	1.9	2.3	2.1
3.4	-11.8	-2.1	-5.4	3.0	12.6	7.1	7.9	8.1	-4.1	-3.3	-5.3	1.6	-8.6	-2.4	-6.9	3.4	9.9	8.9	6.9	8.5
8.0	-10.8	-9.2	-9.7	4.8	8.2	4.8	4.1	5.0	-0.8	3.5	-2.9	6.7	-10.3	-10.1	-9.9	5.3	9.1	4.8	4.6	3.4
15.1	-20.4	-21.9	-14.2	5.1	33.7	8.1	8.5	-2.0	-0.7	9.0	-6.2	12.2	-18.4	-24.2	-15.3	5.7	42.5	3.3	9.4	-1.7
2.3	0.7	-6.0	-1.5	3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8	2.0	1.1	-7.9	-2.6	5.3	-0.9	-0.1	-0.6	2.0
-0.5	-2.4	-6.3	2.4	5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2	-1.5	-1.8	-5.2	1.9	3.6	-2.7	2.6	-1.1	13.6
13.8	-19.0	0.3	-27.5	5.5	8.5	17.6	10.3	5.8	2.0	2.5	-3.8	12.7	-20.6	0.8	-25.2	6.5	3.5	18.6	11.0	4.4
10.2	3.1	-4.1	6.7	2.4	-1.8	-3.8	1.2	-1.9	-7.3	7.1	-10.2	8.7	2.6	-6.8	7.0	3.6	-0.9	-2.0	1.0	-4.6
6.1	6.1	-6.5	21.1	0.6	-3.6	-4.6	3.5	-4.1	-14.8	10.9	-15.6	3.1	7.0	-7.9	23.6	2.4	0.2	-2.7	1.0	-6.2
5.5	-3.0	-1.5	-2.0	4.8	5.5	-7.2	-5.4	3.8	2.5	9.0	-6.7	4.3	-3.8	-5.6	-2.1	5.1	4.2	-5.7	-2.2	2.9
6.3	-3.6	-12.4	17.7	-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1	5.9	-3.0	-10.3	15.8	-2.8	-0.6	2.8	1.8	-5.5
22.2	4.7	-2.0	-6.8	4.1	-5.0	0.4	3.5	-2.6	-3.9	0.1	-6.7	21.8	3.1	-6.2	-7.5	5.1	-7.1	2.4	3.7	-8.2
6.7	-3.3	-10.5	-1.8	-2.9	4.7	4.8	-0.3	3.7	4.1	1.9	-1.6	6.3	-2.7	-11.3	-2.5	-2.1	4.2	4.2	1.5	2.6
5.9	-6.9	-7.7	-0.9	4.3	-1.3	-3.0	-2.6	9.1	3.9	7.2	-4.3	7.2	-5.8	-8.6	-3.0	3.8	-1.5	-5.3	-1.2	10.9
6.6	-5.8	-14.5	-9.5	-3.5	15.7	20.5	-0.2	1.6	-2.4	-2.6	4.5	7.1	-5.6	-15.9	-7.8	-2.6	12.5	21.1	1.4	-0.4
7.4	1.4	-9.4	3.0	-7.4	2.2	-1.1	1.3	1.8	10.1	1.8	-4.1	5.0	2.0	-9.6	1.7	-5.7	2.8	-1.5	3.4	-0.2
12.7	-12.3	8.1	4.3	-5.2	8.6	0.9	-8.5	0.3	-1.7	-4.5	8.1	12.3	-10.5	2.9	4.4	-3.0	5.3	3.6	-4.0	-0.4
14.7	-15.5	9.6	5.5	-6.1	9.1	0.9	-9.9	-0.01	-2.1	-5.0	11.2	14.8	-13.8	3.6	5.1	-3.4	6.0	3.1	-4.8	-0.9
3.3	2.7	3.9	-1.7	8.3	6.4	1.2	-5.4	-6.6	-1.5	3.0	-7.6	1.8	3.9	3.2	0.3	5.8	5.0	9.3	-6.2	-5.3
1.0	12.0	-2.4	-1.8	-9.8	4.5	0.6	5.3	13.2	1.9	-7.3	-4.6	-4.5	17.4	-4.0	0.8	-8.3	-2.4	0.9	9.9	11.8
1.0	-1.4	5.8	-18.2	17.5	0.9	-8.5	10.7	3.7	-3.0	-6.2	-7.5	0.9	5.3	1.9	-10.2	17.9	-1.6	-4.1	6.2	5.3
-2.6	-3.5	11.8	-22.9	26.7	0.8	-14.4	14.4	3.4	-2.8	-8.3	-8.2	-3.2	6.2	6.5	-12.7	27.2	-2.7	-9.4	8.3	5.9
15.7	-0.3	-12.4	-2.7	-4.5	-0.6	7.2	13.7	4.9	-5.1	-4.6	-5.8	14.3	-2.0	-10.1	-3.1	-4.8	0.9	9.8	13.9	2.4
2.5	15.1	5.8	-7.6	-5.4	-0.8	7.6	-10.2	4.4	-1.0	5.5	-7.3	2.2	14.5	4.0	-5.7	-4.1	0.1	8.7	-10.9	4.6
20.0	-3.5	-29.2	2.8	-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9	22.3	-2.7	-28.9	-1.3	-2.8	9.1	25.9	-2.0	4.0
8.4	-3.3	1.1	0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.4	-1.1	1.6	0.8	3.5	0.6	1.3	-1.3

Jadual **1.2a** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor
Table **1.2a** : Number of Paid Employees of Manufacturing Sector by Sub-sector

Subsektor Sub-sector	2023	2024	2024				
			Q1	Q2	Q3	Q4	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	331,015	338,698	332,701	332,754	338,126	338,698	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	312,950	320,181	314,241	314,166	319,899	320,181	
11 Pembuatan minuman <i>Manufacture of beverages</i>	16,805	17,239	17,129	17,336	16,952	17,239	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	1,259	1,278	1,331	1,251	1,274	1,278	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	85,961	85,907	86,686	86,589	86,253	85,907	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	28,303	28,598	28,324	28,640	28,798	28,598	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	44,781	44,142	45,474	45,090	44,314	44,142	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	12,878	13,167	12,889	12,859	13,141	13,167	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	306,775	309,580	303,654	303,328	304,911	309,580	
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>	94,250	94,657	92,030	93,920	93,758	94,657	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	59,265	59,633	59,848	58,041	58,867	59,633	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	71,281	71,820	68,381	68,032	69,023	71,820	
31 Pembuatan perabot <i>Manufacture of furniture</i>	81,979	83,470	83,395	83,335	83,263	83,470	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	431,568	434,208	430,792	428,010	433,125	434,208	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	18,473	18,556	18,821	18,324	18,286	18,556	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	103,545	104,422	105,483	104,631	102,858	104,422	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	27,967	28,795	27,334	28,060	29,377	28,795	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	281,583	282,435	279,154	276,996	282,604	282,435	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	386,812	391,740	386,423	385,434	391,483	391,740	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	109,233	109,391	105,786	107,467	109,851	109,391	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	112,157	113,171	113,159	112,183	113,100	113,171	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	165,423	169,179	167,479	165,784	168,532	169,179	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	615,687	621,015	607,755	616,932	619,540	621,015	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	419,283	422,727	409,864	418,676	420,852	422,727	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	102,410	102,993	102,916	102,041	102,940	102,993	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	93,994	95,294	94,976	96,215	95,747	95,294	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	216,739	217,716	215,332	216,548	217,667	217,716	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	87,614	87,794	84,973	87,225	87,758	87,794	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	44,306	44,978	44,601	44,594	44,931	44,978	
32 Pembuatan lain <i>Other manufacturing</i>	40,976	41,005	41,328	40,972	41,277	41,005	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	43,843	43,938	44,429	43,757	43,700	43,938	
Pembuatan Manufacturing	Jumlah Total	2,374,557	2,398,863	2,363,344	2,369,595	2,391,104	2,398,863

2025		2024		2025	2024					
Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac.	Apr.	Mei.	Jun
339,607	339,921	344,554	338,432	344,351	334,249	333,253	332,701	334,073	334,617	332,754
320,662	320,720	325,664	320,123	325,398	315,935	314,888	314,241	315,542	316,083	314,166
17,602	17,930	17,585	17,043	17,658	17,041	17,045	17,129	17,275	17,289	17,336
1,343	1,271	1,304	1,265	1,295	1,272	1,320	1,331	1,256	1,245	1,251
87,316	86,830	87,028	85,726	86,415	86,619	86,300	86,686	86,617	87,340	86,589
28,374	28,706	28,896	28,619	28,690	28,464	27,993	28,324	28,453	28,899	28,640
45,803	45,124	44,787	43,860	44,342	45,202	45,287	45,474	45,314	45,504	45,090
13,139	13,000	13,344	13,247	13,383	12,953	13,021	12,889	12,850	12,936	12,859
305,257	305,863	306,789	310,117	311,266	304,136	304,734	303,654	304,902	305,392	303,328
92,488	94,101	93,208	95,447	95,224	93,472	93,238	92,030	92,893	94,455	93,920
60,020	58,085	58,667	59,564	59,343	59,457	59,910	59,848	59,082	58,102	58,041
68,785	68,940	70,290	71,857	72,008	68,570	68,558	68,381	67,899	68,016	68,032
83,964	84,736	84,624	83,248	84,691	82,638	83,028	83,395	85,027	84,819	83,335
431,888	426,257	431,179	435,661	431,508	430,409	430,174	430,792	432,975	432,442	428,010
19,016	18,692	18,812	18,614	19,057	18,245	18,511	18,821	18,538	18,340	18,324
106,094	104,445	102,339	104,307	103,563	103,959	104,451	105,483	105,321	105,043	104,631
27,877	28,717	30,297	28,793	29,659	27,305	27,303	27,334	28,522	28,114	28,060
278,900	274,402	279,731	283,946	279,229	280,900	279,909	279,154	280,594	280,946	276,996
392,616	390,529	395,020	389,323	393,210	387,410	385,020	386,423	386,062	386,414	385,434
108,681	109,267	110,510	109,826	110,954	107,161	105,855	105,786	106,568	107,172	107,467
113,697	112,664	113,398	112,928	113,278	113,533	112,816	113,159	112,910	112,702	112,183
170,239	168,598	171,111	166,569	168,977	166,716	166,349	167,479	166,585	166,541	165,784
614,923	623,460	628,112	624,674	632,495	612,053	608,381	607,755	609,925	613,847	616,932
415,671	424,063	428,500	425,277	432,139	414,252	410,364	409,864	412,304	416,510	418,676
103,133	102,132	103,102	103,182	103,460	103,051	102,040	102,916	102,560	102,908	102,041
96,119	97,264	96,510	96,215	96,896	94,750	95,978	94,976	95,061	94,429	96,215
216,884	219,284	221,455	217,907	222,248	218,037	217,138	215,332	218,043	217,662	216,548
84,892	88,551	89,153	87,996	90,174	88,016	87,310	84,973	88,425	87,703	87,225
44,942	44,840	45,151	44,701	44,870	44,728	44,592	44,601	44,452	44,655	44,594
41,950	41,193	41,879	41,513	42,214	40,834	40,981	41,328	41,017	41,131	40,972
45,100	44,700	45,273	43,697	44,990	44,459	44,254	44,429	44,148	44,174	43,757
2,388,492	2,392,143	2,414,136	2,401,839	2,421,493	2,372,913	2,365,000	2,363,344	2,372,596	2,377,714	2,369,595

Jadual **1.2a** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor (samb.)
Table : Number of Paid Employees of Manufacturing Sector by Sub-sector (cont.)

Subsektor Sub-sector	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	335,027	336,264	338,126	338,329	338,432	338,698	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	316,507	318,162	319,899	319,968	320,123	320,181	
11 Pembuatan minuman <i>Manufacture of beverages</i>	17,274	16,922	16,952	17,086	17,043	17,239	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	1,245	1,179	1,274	1,275	1,265	1,278	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	86,065	85,317	86,253	85,480	85,726	85,907	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	28,547	28,734	28,798	28,660	28,619	28,598	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	44,693	43,718	44,314	43,599	43,860	44,142	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	12,825	12,865	13,141	13,221	13,247	13,167	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	302,367	304,013	304,911	309,032	310,117	309,580	
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>	93,974	93,279	93,758	94,318	95,447	94,657	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	57,797	58,093	58,867	59,728	59,564	59,633	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	68,063	69,364	69,023	70,855	71,857	71,820	
31 Pembuatan perabot <i>Manufacture of furniture</i>	82,533	83,277	83,263	84,130	83,248	83,470	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	431,584	433,640	433,125	434,916	435,661	434,208	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	18,405	18,459	18,286	18,537	18,614	18,556	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	103,731	104,234	102,858	103,939	104,307	104,422	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	28,554	29,409	29,377	29,526	28,793	28,795	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	280,894	281,538	282,604	282,913	283,946	282,435	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	386,640	390,348	391,483	390,751	389,323	391,740	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	108,192	109,211	109,851	109,884	109,826	109,391	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	112,176	111,893	113,100	113,072	112,928	113,171	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	166,273	169,244	168,532	167,795	166,569	169,179	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	608,374	610,008	619,540	623,069	624,674	621,015	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	408,852	409,999	420,852	422,801	425,277	422,727	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	103,128	103,844	102,940	104,362	103,182	102,993	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	96,394	96,165	95,747	95,906	96,215	95,294	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	219,396	218,474	217,667	218,496	217,907	217,716	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	88,128	88,197	87,758	88,590	87,996	87,794	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	45,332	44,388	44,931	44,421	44,701	44,978	
32 Pembuatan lain <i>Other manufacturing</i>	41,704	41,324	41,277	41,483	41,513	41,005	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	44,231	44,565	43,700	44,001	43,697	43,938	
Pembuatan <i>Manufacturing</i>	Jumlah <i>Total</i>	2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863

2025										
Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
341,009	340,481	339,607	340,566	340,574	339,921	341,729	343,884	344,554	344,948	344,351
322,254	321,643	320,662	321,606	321,533	320,720	322,564	325,106	325,664	325,909	325,398
17,468	17,505	17,602	17,684	17,778	17,930	17,903	17,578	17,585	17,738	17,658
1,287	1,333	1,343	1,276	1,262	1,271	1,262	1,200	1,304	1,302	1,295
87,311	87,082	87,316	87,332	87,812	86,830	86,604	85,860	87,028	86,141	86,415
28,663	28,133	28,374	28,667	29,115	28,706	28,668	28,800	28,896	28,803	28,690
45,487	45,657	45,803	45,551	45,609	45,124	44,905	44,017	44,787	44,012	44,342
13,161	13,293	13,139	13,114	13,088	13,000	13,031	13,044	13,344	13,326	13,383
305,979	307,406	305,257	307,402	307,595	305,863	305,385	307,560	306,789	311,623	311,266
93,720	93,923	92,488	93,816	94,771	94,101	94,372	94,415	93,208	93,917	95,224
59,654	60,260	60,020	59,355	58,296	58,085	58,119	58,343	58,667	59,626	59,343
68,958	69,056	68,785	68,776	69,074	68,940	68,713	70,325	70,290	72,397	72,008
83,647	84,166	83,964	85,455	85,455	84,736	84,181	84,477	84,624	85,683	84,691
432,598	432,411	431,888	433,807	431,143	426,257	430,278	431,671	431,179	433,421	431,508
18,603	18,857	19,016	18,861	18,622	18,692	18,843	18,963	18,812	19,023	19,057
104,500	105,439	106,094	105,746	105,020	104,445	104,035	104,388	102,339	103,487	103,563
28,111	27,956	27,877	29,168	28,803	28,717	29,225	30,213	30,297	30,506	29,659
281,384	280,159	278,900	280,032	278,698	274,402	278,175	278,108	279,731	280,405	279,229
393,449	391,636	392,616	393,463	391,905	390,529	392,173	395,802	395,020	394,888	393,210
109,561	108,462	108,681	109,658	109,257	109,267	109,270	109,928	110,510	110,889	110,954
114,143	113,743	113,697	113,687	112,937	112,664	113,333	112,617	113,398	113,484	113,278
169,745	169,431	170,239	170,118	169,711	168,598	169,570	173,258	171,111	170,516	168,977
615,864	615,496	614,923	618,018	620,342	623,460	617,067	615,638	628,112	632,637	632,495
416,559	414,718	415,671	418,477	422,168	424,063	416,438	415,524	428,500	432,295	432,139
103,595	103,565	103,133	103,198	102,954	102,132	103,042	102,956	103,102	103,592	103,460
95,709	97,213	96,119	96,343	95,220	97,264	97,587	97,158	96,510	96,751	96,896
218,774	219,152	216,884	219,848	219,077	219,284	222,770	221,092	221,455	222,360	222,248
87,663	87,497	84,892	88,571	87,558	88,551	89,685	89,180	89,153	90,204	90,174
45,277	45,029	44,942	44,766	45,044	44,840	45,570	44,847	45,151	44,670	44,870
41,062	41,623	41,950	41,590	41,267	41,193	42,037	41,688	41,879	42,023	42,214
44,773	45,003	45,100	44,922	45,208	44,700	45,478	45,377	45,273	45,463	44,990
2,394,984	2,393,664	2,388,492	2,400,435	2,398,447	2,392,143	2,396,005	2,401,506	2,414,136	2,426,019	2,421,493

Jadual **1.2b** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan
Table **1.2b** : Number of Paid Employees of Manufacturing Sector by Sub-sector: Annual Percentage Change

Subsektor Sub-sector	2023	2024	2024				2025				2024	2025
			Q1	Q2	Q3	Q4	Q1	Q2	Q3		(Jan. - Nov.)	(Jan. - Nov.)
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	5.9	2.3	4.4	4.0	2.4	2.3	2.1	2.2	1.9		2.1	1.7
10 Pembuatan produk makanan <i>Manufacture of food products</i>	6.1	2.3	4.6	4.1	2.5	2.3	2.0	2.1	1.8		2.1	1.6
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.6	2.6	2.1	2.8	2.1	2.6	2.8	3.4	3.7		2.5	3.6
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	1.6	2.3		0.1	2.4
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.3	-0.1	1.9	1.6	1.8	-0.1	0.7	0.3	0.9		-0.3	0.8
13 Pembuatan tekstil <i>Manufacture of textiles</i>	1.5	1.0	0.7	0.9	0.7	1.0	0.2	0.2	0.3		0.7	0.2
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	2.7	-1.4	3.4	2.3	2.5	-1.4	0.7	0.1	1.1		-1.6	1.1
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	2.5	2.2	-0.9	0.3	1.8	2.2	1.9	1.1	1.5		2.0	1.0
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.2	0.9	0.6	1.2	0.9	0.9	0.5	0.8	0.6		1.0	0.4
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>	0.2	0.4	-1.0	1.4	0.5	0.4	0.5	0.2	-0.6		0.4	-0.2
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	0.6	0.9	0.7	0.5	0.6	0.3	0.1	-0.3		0.7	-0.4
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	1.7	0.8	-2.8	-1.3	0.1	0.8	0.6	1.3	1.8		1.3	0.2
31 Pembuatan perabot <i>Manufacture of furniture</i>	6.1	1.8	5.1	3.4	2.3	1.8	0.7	1.7	1.6		1.6	1.7
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	0.1	0.6	-0.8	0.4	0.4	0.6	0.3	-0.4	-0.4		0.7	-1.0
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	3.7	0.4	1.8	1.0	0.5	0.4	1.0	2.0	2.9		0.9	2.4
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	-1.3	0.8	-1.9	0.3	0.4	0.8	0.6	-0.2	-0.5		0.2	-0.7
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	2.3	3.0	1.6	0.5	0.3	3.0	2.0	2.3	3.1		2.6	3.0
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	0.1	0.3	-0.7	0.4	0.4	0.3	-0.1	-0.9	-1.0		0.7	-1.7
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.3	1.3	1.7	2.3	1.8	1.3	1.6	1.3	0.9		1.3	1.0
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	1.8	0.1	0.2	0.1	0.3	0.1	2.7	1.7	0.6		0.2	1.0
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.6	0.9	0.5	0.9	1.1	0.9	0.5	0.4	0.3		0.8	0.3
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	3.9	2.3	3.5	4.8	3.3	2.3	1.6	1.7	1.5		2.4	1.4
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-0.1	0.9	-1.3	-0.9	-0.6	0.9	1.2	1.1	1.4		0.9	1.3
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	0.8	0.8	-1.0	-0.7	-0.6	0.8	1.4	1.3	1.8		1.1	1.6
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-1.1	0.6	-1.6	-0.5	-1.4	0.6	0.2	0.1	0.2		0.2	0.3
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-2.4	1.4	-2.2	-2.3	0.2	1.4	1.2	1.1	0.8		0.8	0.7
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	1.6	0.5	-0.2	0.8	0.6	0.5	0.7	1.3	1.7		0.6	2.0
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	0.9	0.2	-2.4	0.2	0.2	0.2	-0.1	1.5	1.6		0.5	2.5
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.0	1.5	0.8	1.9	2.0	1.5	0.8	0.6	0.5		1.2	0.4
32 Pembuatan lain <i>Other manufacturing</i>	0.5	0.1	1.0	1.2	0.2	0.1	1.5	0.5	1.5		0.5	1.7
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	3.6	0.2	1.9	0.4	0.2	0.2	1.5	2.2	3.6		0.2	3.0
Pembuatan <i>Manufacturing</i>	Jumlah	1.7	1.0	0.5	1.0	0.8	1.0	1.1	1.0		1.0	0.8
Total		1.7	1.0	0.5	1.0	0.8	1.0	1.1	1.0		1.0	0.8

(%)

2024												2025											
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
5.5	4.3	4.4	4.7	4.6	4.0	4.0	3.9	2.4	2.0	2.1	2.3	2.0	2.2	2.1	1.9	1.8	2.2	2.0	2.3	1.9	2.0	1.7	
5.7	4.5	4.6	4.8	4.7	4.1	4.2	4.0	2.5	2.0	2.1	2.3	2.0	2.1	2.0	1.9	1.7	2.1	1.9	2.2	1.8	1.9	1.6	
2.8	2.0	2.1	2.6	2.5	2.8	1.9	2.3	2.1	2.4	2.5	2.6	2.5	2.7	2.8	2.4	2.8	3.4	3.6	3.9	3.7	3.8	3.6	
-1.8	-8.5	-8.0	-1.4	-1.6	-0.2	1.5	1.1	0.3	0.2	0.1	1.5	1.2	1.0	0.9	1.6	1.4	1.6	1.4	1.8	2.3	2.1	2.4	
2.1	1.7	1.9	1.8	1.9	1.6	2.0	1.5	1.8	1.3	-0.3	-0.1	0.8	0.9	0.7	0.8	0.5	0.3	0.6	0.6	0.9	0.8	0.8	
1.3	0.5	0.7	0.8	1.2	0.9	1.4	0.6	0.7	0.5	0.7	1.0	0.7	0.5	0.2	0.8	0.7	0.2	0.4	0.2	0.3	0.5	0.2	
3.0	3.2	3.4	2.9	2.8	2.3	2.7	2.0	2.5	1.9	-1.6	-1.4	0.6	0.8	0.7	0.5	0.2	0.1	0.5	0.7	1.1	0.9	1.1	
0.7	-0.7	-0.9	0.3	0.2	0.3	1.0	1.6	1.8	1.1	2.0	2.2	1.6	2.1	1.9	2.1	1.2	1.1	1.6	1.4	1.5	0.8	1.0	
0.5	0.4	0.6	1.3	0.8	1.2	1.2	1.1	0.9	1.0	1.0	0.9	0.6	0.9	0.5	0.8	0.7	0.8	1.0	1.2	0.6	0.8	0.4	
-1.2	-2.1	-1.0	0.7	0.3	1.4	1.6	0.4	0.5	0.3	0.4	0.4	0.3	0.7	0.5	1.0	0.3	0.2	0.4	1.2	-0.6	-0.4	-0.2	
1.0	0.8	0.9	0.8	0.5	0.7	1.2	0.8	0.5	0.6	0.7	0.6	0.3	0.6	0.3	0.5	0.3	0.1	0.6	0.4	-0.3	-0.2	-0.4	
-2.4	-1.9	-2.8	-2.4	-3.3	-1.3	-1.2	0.2	0.1	1.0	1.3	0.8	0.6	0.7	0.6	1.3	1.6	1.3	1.0	1.4	1.8	2.2	0.2	
4.6	5.0	5.1	5.7	5.1	3.4	2.8	2.9	2.3	1.9	1.6	1.8	1.2	1.4	0.7	0.5	0.7	1.7	2.0	1.4	1.6	1.8	1.7	
0.0	-0.3	-0.8	-0.1	0.3	0.4	0.5	0.5	0.4	0.5	0.7	0.6	0.5	0.5	0.3	0.2	-0.3	-0.4	-0.3	-0.5	-0.4	-0.3	-1.0	
2.6	2.9	1.8	1.6	0.7	1.0	1.1	0.6	0.5	0.7	0.9	0.4	2.0	1.9	1.0	1.7	1.5	2.0	2.4	2.7	2.9	2.6	2.4	
-1.6	-1.4	-1.9	0.5	0.4	0.3	0.7	0.8	0.4	0.1	0.2	0.8	0.5	0.9	0.6	0.4	-0.02	-0.2	0.3	0.1	-0.5	-0.4	-0.7	
1.9	1.4	1.6	0.6	0.3	0.5	0.4	0.9	0.3	0.4	2.6	3.0	2.9	2.4	2.0	2.3	2.5	2.3	2.4	2.7	3.1	3.3	3.0	
0.3	-0.3	-0.7	-0.5	0.2	0.4	0.4	0.3	0.4	0.6	0.7	0.3	0.2	0.1	-0.1	-0.2	-0.8	-0.9	-1.0	-1.2	-1.0	-0.9	-1.7	
1.8	1.4	1.7	2.3	1.9	2.3	2.3	2.3	1.8	1.5	1.3	1.3	1.6	1.7	1.6	1.9	1.4	1.3	1.4	1.4	0.9	1.1	1.0	
-0.6	0.1	0.2	0.5	0.2	0.1	0.4	0.5	0.3	0.8	0.2	0.1	2.2	2.5	2.7	2.9	1.9	1.7	1.0	0.7	0.6	0.9	1.0	
0.7	0.3	0.5	0.8	0.6	0.9	1.0	0.9	1.1	0.2	0.8	0.9	0.5	0.8	0.5	0.7	0.2	0.4	1.0	0.6	0.3	0.4	0.3	
4.1	3.1	3.5	4.5	3.9	4.8	4.5	4.6	3.3	3.0	2.4	2.3	1.8	1.9	1.6	2.1	1.9	1.7	2.0	2.4	1.5	1.6	1.4	
0.1	-1.1	-1.3	-1.4	-1.1	-0.9	-0.3	-1.2	-0.6	0.3	0.9	0.9	0.6	1.2	1.2	1.3	1.1	1.1	1.4	0.9	1.4	1.5	1.3	
0.9	-0.7	-1.0	-1.3	-1.1	-0.7	-0.6	-1.6	-0.6	0.2	1.1	0.8	0.6	1.1	1.4	1.5	1.4	1.3	1.9	1.3	1.8	2.2	1.6	
-0.7	-1.8	-1.6	-0.7	0.3	-0.5	0.2	-0.9	-1.4	0.3	0.2	0.6	0.5	1.5	0.2	0.6	0.04	0.1	-0.1	-0.9	0.2	-0.7	0.3	
-2.3	-2.1	-2.2	-2.4	-2.5	-2.3	0.4	0.1	0.2	0.6	0.8	1.4	1.0	1.3	1.2	1.3	0.8	1.1	1.2	1.0	0.8	0.9	0.7	
1.1	0.6	-0.2	1.5	0.8	0.8	0.9	0.9	0.6	0.7	0.6	0.5	0.3	0.9	0.7	0.8	0.7	1.3	1.5	1.2	1.7	1.8	2.0	
1.2	0.3	-2.4	1.7	0.3	0.2	0.3	0.8	0.2	0.9	0.5	0.2	-0.4	0.2	-0.1	0.2	-0.2	1.5	1.8	1.1	1.6	1.8	2.5	
1.0	0.6	0.8	1.7	1.9	1.9	2.1	1.3	2.0	0.9	1.2	1.5	1.2	1.0	0.8	0.7	0.9	0.6	0.5	1.0	0.5	0.6	0.4	
-0.2	0.2	1.0	1.3	1.0	1.2	1.5	0.6	0.2	0.4	0.5	0.1	0.6	1.6	1.5	1.4	0.3	0.5	0.8	0.9	1.5	1.3	1.7	
2.3	1.8	1.9	1.1	0.3	0.4	0.2	1.1	0.2	0.4	0.2	0.2	0.7	1.7	1.5	1.8	2.3	2.2	2.8	1.8	3.6	3.3	3.0	
1.3	0.6	0.5	1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2	1.1	1.2	0.9	1.0	1.1	1.0	1.0	1.1	0.8	

Jadual 1.2c : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Bulanan/Suku Tahunan
Table 1.2c : Number of Paid Employees of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change

Subsektor Sub-sector	2024				2025			2024		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	0.5	0.02	1.6	0.2	0.3	0.1	1.4	1.0	-0.3	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	0.4	-0.02	1.8	0.1	0.2	0.02	1.5	1.0	-0.3	
11 Pembuatan minuman <i>Manufacture of beverages</i>	1.9	1.2	-2.2	1.7	2.1	1.9	-1.9	1.4	0.02	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	5.7	-6.0	1.8	0.3	5.1	-5.4	2.6	1.0	3.7	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	0.8	-0.1	-0.4	-0.4	1.6	-0.6	0.2	0.8	-0.4	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	0.1	1.1	0.5	-0.7	-0.8	1.2	0.7	0.6	-1.7	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	1.5	-0.8	-1.7	-0.4	3.8	-1.5	-0.7	0.9	0.2	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	0.1	-0.2	2.2	0.2	-0.2	-1.1	2.6	0.6	0.5	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-1.0	-0.1	0.5	1.5	-1.4	0.2	0.3	-0.9	0.2	
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>	-2.4	2.1	-0.2	1.0	-2.3	1.7	-0.9	-0.8	-0.3	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	-3.0	1.4	1.3	0.6	-3.2	1.0	0.3	0.8	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	-4.1	-0.5	1.5	4.1	-4.2	0.2	2.0	-3.8	-0.02	
31 Pembuatan perabot <i>Manufacture of furniture</i>	1.7	-0.1	-0.1	0.2	0.6	0.9	-0.1	0.8	0.5	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-0.2	-0.6	1.2	0.3	-0.5	-1.3	1.2	-0.3	-0.1	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	1.9	-2.6	-0.2	1.5	2.5	-1.7	0.6	-1.2	1.5	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.9	-0.8	-1.7	1.5	1.6	-1.6	-2.0	0.4	0.5	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	-2.3	2.7	4.7	-2.0	-3.2	3.0	5.5	-2.4	-0.01	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-0.9	-0.8	2.0	-0.1	-1.3	-1.6	1.9	-0.2	-0.4	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	-0.1	-0.3	1.6	0.1	0.2	-0.5	1.1	0.2	-0.6	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	-3.2	1.6	2.2	-0.4	-0.6	0.5	1.1	-1.9	-1.2	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.9	-0.9	0.8	0.1	0.5	-0.9	0.7	1.2	-0.6	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	1.2	-1.0	1.7	0.4	0.6	-1.0	1.5	0.8	-0.2	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-1.3	1.5	0.4	0.2	-1.0	1.4	0.7	-0.6	-0.6	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-2.2	2.1	0.5	0.4	-1.7	2.0	1.0	-1.2	-0.9	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.5	-0.8	0.9	0.1	0.1	-1.0	0.9	0.6	-1.0	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	1.0	1.3	-0.5	-0.5	0.9	1.2	-0.8	0.8	1.3	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-0.6	0.6	0.5	0.02	-0.4	1.1	1.0	0.6	-0.4	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-3.0	2.6	0.6	0.04	-3.3	4.3	0.7	0.5	-0.8	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	0.7	-0.02	0.8	0.1	-0.1	-0.2	0.7	1.0	-0.3	
32 Pembuatan lain <i>Other manufacturing</i>	0.9	-0.9	0.7	-0.7	2.3	-1.8	1.7	-0.3	0.4	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	1.3	-1.5	-0.1	0.5	2.6	-0.9	1.3	1.4	-0.5	
Pembuatan Manufacturing	Jumlah Total	-0.5	0.3	0.9	0.3	-0.4	0.2	0.9	-0.1	-0.3

(%)

2025																				
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
-0.2	0.4	0.2	-0.6	0.7	0.4	0.6	0.1	0.03	0.1	0.7	-0.2	-0.3	0.3	0.0	-0.2	0.5	0.6	0.2	0.1	-0.2
-0.2	0.4	0.2	-0.6	0.7	0.5	0.5	0.02	0.05	0.02	0.6	-0.2	-0.3	0.3	-0.02	-0.3	0.6	0.8	0.2	0.1	-0.2
0.5	0.9	0.1	0.3	-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2	0.6	0.5	0.5	0.9	-0.1	-1.8	0.04	0.9	-0.4
0.9	-5.7	-0.8	0.5	-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6	0.8	-5.0	-1.1	0.7	-0.8	-4.9	8.6	-0.2	-0.5
0.4	-0.1	0.8	-0.9	-0.6	-0.9	1.1	-0.9	0.3	0.2	1.6	-0.3	0.3	0.02	0.5	-1.1	-0.3	-0.9	1.4	-1.0	0.3
1.2	0.5	1.6	-0.9	-0.3	0.7	0.2	-0.5	-0.1	-0.1	0.2	-1.8	0.9	1.0	1.6	-1.4	-0.1	0.5	0.3	-0.3	-0.4
0.4	-0.4	0.4	-0.9	-0.9	-2.2	1.4	-1.6	0.6	0.6	3.0	0.4	0.3	-0.6	0.1	-1.1	-0.5	-2.0	1.8	-1.7	0.8
-1.0	-0.3	0.7	-0.6	-0.3	0.3	2.1	0.6	0.2	-0.6	-0.04	1.0	-1.2	-0.2	-0.2	-0.7	0.2	0.1	2.3	-0.1	0.4
-0.4	0.4	0.2	-0.7	-0.3	0.5	0.3	1.4	0.4	-0.2	-1.2	0.5	-0.7	0.7	0.1	-0.6	-0.2	0.7	-0.3	1.6	-0.1
-1.3	0.9	1.7	-0.6	0.1	-0.7	0.5	0.6	1.2	-0.8	-1.0	0.2	-1.5	1.4	1.0	-0.7	0.3	0.05	-1.3	0.8	1.4
-0.1	-1.3	-1.7	-0.1	-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0	-0.4	-1.1	-1.8	-0.4	0.1	0.4	0.6	1.6	-0.5
-0.3	-0.7	0.2	0.02	0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1	-0.4	-0.01	0.4	-0.2	-0.3	2.3	-0.05	3.0	-0.5
0.4	2.0	-0.2	-1.8	-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6	-0.2	1.8	0.0	-0.8	-0.7	0.4	0.2	1.3	-1.2
0.1	0.5	-0.1	-1.0	0.8	0.5	-0.1	0.4	0.2	-0.3	-0.4	-0.04	-0.1	0.4	-0.6	-1.1	0.9	0.3	-0.1	0.5	-0.4
1.7	-1.5	-1.1	-0.1	0.4	0.3	-0.9	1.4	0.4	-0.3	0.3	1.4	0.8	-0.8	-1.3	0.4	0.8	0.6	-0.8	1.1	0.2
1.0	-0.2	-0.3	-0.4	-0.9	0.5	-1.3	1.1	0.4	0.1	0.1	0.9	0.6	-0.3	-0.7	-0.5	-0.4	0.3	-2.0	1.1	0.1
0.1	4.3	-1.4	-0.2	1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6	-0.3	4.6	-1.3	-0.3	1.8	3.4	0.3	0.7	-2.8
-0.3	0.5	0.1	-1.4	1.4	0.2	0.4	0.1	0.4	-0.5	-0.4	-0.4	-0.4	0.4	-0.5	-1.5	1.4	-0.02	0.6	0.2	-0.4
0.4	-0.1	0.1	-0.3	0.3	1.0	0.3	-0.2	-0.4	0.6	0.4	-0.5	0.3	0.2	-0.4	-0.4	0.4	0.9	-0.2	-0.03	-0.4
-0.1	0.7	0.6	0.3	0.7	0.9	0.6	0.03	-0.1	-0.4	0.2	-1.0	0.2	0.9	-0.4	0.01	0.0	0.6	0.5	0.3	0.1
0.3	-0.2	-0.2	-0.5	-0.01	-0.3	1.1	-0.03	-0.1	0.2	0.9	-0.3	-0.04	-0.01	-0.7	-0.2	0.6	-0.6	0.7	0.1	-0.2
0.7	-0.5	-0.03	-0.5	0.3	1.8	-0.4	-0.4	-0.7	1.6	0.3	-0.2	0.5	-0.1	-0.2	-0.7	0.6	2.2	-1.2	-0.3	-0.9
-0.1	0.4	0.6	0.5	-1.4	0.3	1.6	0.6	0.3	-0.6	-0.8	-0.1	-0.1	0.5	0.4	0.5	-1.0	-0.2	2.0	0.7	-0.02
-0.1	0.6	1.0	0.5	-2.3	0.3	2.6	0.5	0.6	-0.6	-1.5	-0.4	0.2	0.7	0.9	0.4	-1.8	-0.2	3.1	0.9	-0.04
0.9	-0.3	0.3	-0.8	1.1	0.7	-0.9	1.4	-1.1	-0.2	0.6	-0.03	-0.4	0.1	-0.2	-0.8	0.9	-0.1	0.1	0.5	-0.1
-1.0	0.1	-0.7	1.9	0.2	-0.2	-0.4	0.2	0.3	-1.0	0.4	1.6	-1.1	0.2	-1.2	2.1	0.3	-0.4	-0.7	0.2	0.2
-0.8	1.3	-0.2	-0.5	1.3	-0.4	-0.4	0.4	-0.3	-0.1	0.5	0.2	-1.0	1.4	-0.4	0.1	1.6	-0.8	0.2	0.4	-0.1
-2.7	4.1	-0.8	-0.5	1.0	0.1	-0.5	0.9	-0.7	-0.2	-0.1	-0.2	-3.0	4.3	-1.1	1.1	1.3	-0.6	-0.03	1.2	-0.03
0.02	-0.3	0.5	-0.1	1.7	-2.1	1.2	-1.1	0.6	0.6	0.7	-0.5	-0.2	-0.4	0.6	-0.5	1.6	-1.6	0.7	-1.1	0.4
0.8	-0.8	0.3	-0.4	1.8	-0.9	-0.1	0.5	0.1	-1.2	0.1	1.4	0.8	-0.9	-0.8	-0.2	2.0	-0.8	0.5	0.3	0.5
0.4	-0.6	0.1	-0.9	1.1	0.8	-1.9	0.7	-0.7	0.6	1.9	0.5	0.2	-0.4	0.6	-1.1	1.7	-0.2	-0.2	0.4	-1.0
-0.1	0.4	0.2	-0.3	-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1	-0.2	0.5	-0.1	-0.3	0.2	0.2	0.5	0.5	-0.2

Jadual **1.3a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor
Table **1.3a** : Salaries and Wages Paid of Manufacturing Sector by Sub-sector

Subsektor Sub-sector	2023	2024	2024		
			Q1	Q2	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	11,901	12,323	3,042	3,019	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	11,261	11,643	2,874	2,855	
11 Pembuatan minuman <i>Manufacture of beverages</i>	573	615	151	149	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	66	66	17	15	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2,013	2,047	515	506	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	706	720	176	180	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	964	974	251	240	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	343	354	88	86	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	9,927	10,169	2,565	2,514	
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>	2,710	2,795	694	689	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2,148	2,162	554	526	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	2,382	2,497	623	636	
31 Pembuatan perabot <i>Manufacture of furniture</i>	2,687	2,716	694	664	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	21,375	21,485	5,345	5,261	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	2,502	2,526	682	571	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	5,931	5,843	1,501	1,412	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	804	811	191	198	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	12,139	12,305	2,971	3,080	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	14,916	15,604	3,947	3,873	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	4,721	4,881	1,201	1,211	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4,262	4,381	1,144	1,089	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	5,933	6,342	1,602	1,572	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	30,130	29,950	7,520	7,395	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	21,732	21,586	5,415	5,367	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3,948	3,946	975	975	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	4,451	4,418	1,130	1,053	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	7,528	7,689	1,889	1,932	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	3,625	3,683	891	932	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	1,171	1,232	307	309	
32 Pembuatan lain <i>Other manufacturing</i>	1,325	1,354	329	333	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	1,407	1,420	362	359	
Pembuatan Manufacturing	Jumlah Total	97,789	99,268	16,593	24,533

(RM Juta/Million)

2025			2024			2025
Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)
3,066	3,197	3,145	3,109	3,167	11,203	11,550
2,901	3,013	2,964	2,935	2,990	10,587	10,893
149	166	164	159	161	556	596
16	18	17	16	16	59	61
501	525	525	514	510	1,865	1,898
181	183	179	182	182	657	665
233	250	253	241	237	885	895
87	93	92	91	91	322	337
2,508	2,582	2,606	2,561	2,573	9,284	9,495
701	711	713	704	720	2,555	2,623
529	553	556	532	537	1,973	1,998
613	626	638	653	635	2,278	2,356
665	693	700	672	681	2,477	2,518
5,369	5,510	5,426	5,275	5,385	19,594	19,746
597	675	692	579	608	2,282	2,318
1,440	1,490	1,522	1,410	1,389	5,319	5,250
204	218	193	204	214	732	756
3,127	3,127	3,019	3,083	3,174	11,261	11,421
3,835	3,949	4,058	3,982	3,928	14,231	14,606
1,212	1,256	1,233	1,244	1,222	4,454	4,536
1,054	1,094	1,157	1,109	1,080	3,989	4,067
1,569	1,600	1,668	1,629	1,626	5,787	6,003
7,298	7,737	7,570	7,529	7,454	27,201	27,643
5,214	5,590	5,440	5,459	5,327	19,590	19,884
1,007	990	985	997	1,020	3,602	3,663
1,077	1,158	1,146	1,073	1,107	4,010	4,096
1,897	1,971	1,937	1,981	1,955	7,000	7,194
915	946	898	947	935	3,349	3,407
302	313	324	321	312	1,126	1,170
338	354	350	349	361	1,229	1,305
342	357	365	363	348	1,296	1,312
24,474	25,470	25,268	24,951	24,972	90,378	92,132

Jadual **1.3a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor (samb.)
Table **1.3a** : *Salaries and Wages Paid of Manufacturing Sector by Sub-sector (cont.)*

Subsektor Sub-sector	2024							
	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	1,046	1,002	994	1,006	1,009	1,003	1,016	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	989	947	938	950	956	949	962	
11 Pembuatan minuman <i>Manufacture of beverages</i>	51	50	50	51	49	49	49	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	6	6	6	5	5	5	5	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	177	168	170	170	171	166	166	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	60	57	59	59	61	60	60	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	87	82	82	82	81	77	78	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	30	29	29	29	29	29	28	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	859	857	850	837	845	832	836	
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>	234	231	230	231	231	227	235	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	184	186	183	176	174	175	174	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	204	210	209	209	214	213	210	
31 Pembuatan perabot <i>Manufacture of furniture</i>	237	229	228	221	226	217	217	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	1,778	1,756	1,810	1,764	1,738	1,760	1,771	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	216	216	250	188	185	198	194	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	493	497	510	490	456	467	475	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	66	62	63	68	65	65	67	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1,003	981	987	1,017	1,033	1,030	1,036	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	1,337	1,303	1,307	1,294	1,299	1,280	1,270	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	406	393	402	403	405	403	403	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	391	377	376	371	363	355	350	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	540	532	530	520	530	522	518	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	2,527	2,523	2,470	2,396	2,480	2,519	2,433	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	1,810	1,821	1,784	1,736	1,797	1,835	1,739	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	330	323	321	303	334	337	339	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	386	380	365	356	349	347	355	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	627	633	629	646	649	638	631	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	298	302	290	309	313	310	303	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	100	101	107	103	105	102	102	
32 Pembuatan lain <i>Other manufacturing</i>	108	109	111	111	112	110	112	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	120	121	121	123	120	116	114	
Pembuatan Manufacturing	Jumlah Total	8,350	8,243	8,230	8,112	8,191	8,198	8,124

(RM Juta/Million)

2025															
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
1,014	1,036	1,035	1,041	1,121	1,075	1,042	1,029	1,038	1,031	1,040	1,050	1,054	1,063	1,062	1,067
960	979	977	980	1,055	1,013	982	968	979	974	982	991	995	1,003	1,002	1,003
49	51	52	55	59	56	54	55	54	52	53	53	53	54	55	58
5	5	6	5	7	6	6	6	5	5	5	5	5	6	6	6
165	170	169	174	183	179	173	173	173	173	168	169	168	173	172	177
60	61	60	61	62	61	58	59	60	62	60	61	60	61	61	61
76	79	78	82	89	86	83	84	83	81	77	78	78	81	80	84
29	30	30	31	32	31	31	30	31	30	30	29	30	31	31	32
834	837	845	851	885	871	872	863	853	860	848	854	854	865	875	879
232	234	235	236	240	239	238	236	238	236	231	240	240	240	242	244
175	179	183	181	188	185	187	184	178	177	177	177	177	183	188	185
206	197	200	207	219	209	216	213	214	220	219	214	212	208	212	219
220	227	227	227	239	238	232	230	223	228	222	223	225	233	233	231
1,800	1,798	1,810	1,809	1,890	1,807	1,786	1,833	1,778	1,747	1,750	1,777	1,785	1,823	1,842	1,819
195	208	219	212	244	219	219	253	192	187	199	196	199	213	224	215
486	479	482	484	523	498	507	518	495	457	458	468	460	460	464	465
69	68	70	68	79	67	62	63	69	67	67	69	73	72	74	72
1,049	1,043	1,039	1,044	1,044	1,023	997	998	1,022	1,035	1,026	1,044	1,053	1,078	1,079	1,066
1,274	1,290	1,287	1,288	1,374	1,372	1,343	1,343	1,338	1,332	1,312	1,303	1,306	1,318	1,320	1,318
402	407	412	417	427	415	404	414	416	416	412	408	405	409	416	421
348	357	350	352	392	394	384	379	378	368	363	359	356	365	360	360
524	527	524	520	555	563	555	550	544	547	537	536	545	544	544	537
2,399	2,466	2,495	2,493	2,749	2,534	2,542	2,494	2,463	2,511	2,554	2,507	2,445	2,502	2,555	2,534
1,707	1,768	1,792	1,801	1,996	1,811	1,829	1,799	1,785	1,819	1,854	1,797	1,741	1,789	1,836	1,822
336	331	328	317	344	334	327	324	315	338	344	344	340	337	333	328
356	366	375	375	408	389	386	370	363	354	356	366	364	377	386	385
633	634	641	642	689	641	651	644	662	661	657	653	649	653	659	662
307	305	308	304	334	299	305	293	314	314	319	313	311	311	315	313
99	102	104	104	106	107	107	111	107	109	106	105	102	104	107	106
113	113	114	115	125	115	117	118	117	117	115	119	120	122	122	124
114	114	115	119	124	120	122	122	124	121	117	116	116	116	116	120
8,119	8,231	8,282	8,298	8,890	8,479	8,410	8,379	8,306	8,315	8,330	8,312	8,262	8,398	8,485	8,456

Jadual **1.3b** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor: Perubahan Peraturan Tahunan
Table **1.3b** : Salaries and Wages Paid of Manufacturing Sector by Sub-sector: Annual Percentage Change

Subsektor Sub-sector	2023	2024	2024				2025				2024	2025
			Q1	Q2	Q3	Q4	Q1	Q2	Q3		(Jan. - Nov.)	(Jan. - Nov.)
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	7.9	3.6	4.5	3.8	3.4	2.6	3.4	3.0	3.3		3.6	3.1
10 Pembuatan produk makanan <i>Manufacture of food products</i>	7.9	3.4	4.4	3.6	3.2	2.4	3.1	2.8	3.1		3.5	2.9
11 Pembuatan minuman <i>Manufacture of beverages</i>	7.7	7.3	6.7	7.2	7.4	7.9	8.9	6.7	7.5		7.2	7.2
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4.8	-0.6	-3.5	-1.4	2.2	0.7	0.5	4.0	3.6		-0.7	2.8
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	5.4	1.7	2.4	2.0	1.7	0.8	1.9	1.6	1.8		1.8	1.8
13 Pembuatan tekstil <i>Manufacture of textiles</i>	5.0	1.9	2.3	2.4	1.6	1.5	1.8	1.2	1.0		1.9	1.2
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	1.0	2.8	1.6	0.9	-1.1	0.8	0.7	1.5		1.3	1.2
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	6.0	3.3	1.6	2.1	4.3	4.9	5.2	4.8	4.2		3.0	4.6
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.7	2.4	2.5	3.0	2.5	1.8	1.6	1.9	2.6		2.5	2.3
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>	4.9	3.1	2.5	4.0	3.5	2.5	2.6	2.3	2.7		3.1	2.7
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2.3	0.6	1.1	0.4	0.5	0.5	0.4	1.2	1.5		0.7	1.3
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.3	4.8	4.9	5.9	5.0	3.5	2.4	2.7	3.6		5.0	3.4
31 Pembuatan perabot <i>Manufacture of furniture</i>	5.1	1.1	1.7	1.4	0.7	0.6	0.9	1.2	2.5		1.1	1.6
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	1.9	0.5	-0.2	-0.5	0.8	1.9	1.5	0.3	0.3		0.4	0.8
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	5.9	0.9	0.8	0.2	0.9	1.8	1.5	1.4	1.8		0.9	1.6
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.7	-1.5	-3.2	-3.1	-0.6	1.1	1.4	-0.2	-3.6		-1.8	-1.3
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	1.9	0.9	1.4	0.6	0.3	1.3	0.9	2.8	4.5		0.8	3.3
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1.3	1.4	1.1	0.6	1.4	2.3	1.6	0.1	1.5		1.3	1.4
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.5	4.6	4.8	5.7	5.0	3.0	2.8	2.8	2.4		4.8	2.6
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	2.5	3.4	5.0	4.4	2.5	1.8	2.6	2.7	0.8		3.6	1.8
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	1.9	2.8	1.5	3.0	4.2	2.7	1.2	1.8	2.5		2.8	1.9
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	5.5	6.9	7.2	8.8	7.6	4.1	4.1	3.6	3.6		7.3	3.7
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	2.3	-0.6	-1.3	-1.2	-0.5	0.5	0.7	1.8	2.1		-0.7	1.6
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.1	-0.7	-0.9	-1.5	-0.6	0.3	0.5	1.7	2.2		-0.8	1.5
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.2	-0.04	-3.1	2.0	0.4	0.7	1.0	2.3	1.3		-0.2	1.7
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	0.6	-0.7	-1.5	-2.5	-0.7	1.6	1.4	1.9	2.8		-1.0	2.2
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	3.3	2.1	1.4	2.4	2.6	2.1	2.6	2.5	3.0		2.2	2.8
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	2.8	1.6	1.4	2.0	1.9	1.1	0.8	1.6	2.2		1.7	1.7
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.5	5.2	3.7	5.2	6.1	6.1	5.5	4.0	3.0		5.1	3.9
32 Pembuatan lain <i>Other manufacturing</i>	1.9	2.2	0.1	2.8	3.1	2.8	6.4	5.0	6.8		2.2	6.2
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6.7	0.9	0.9	0.9	1.1	0.8	0.8	1.2	1.7		1.0	1.2
Pembuatan	Jumlah Total	3.5	1.5	-32.3	1.5	1.7	1.7	52.3	1.7	2.0	1.5	1.9

(%)

2024												2025										
Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
6.9	3.1	3.3	4.4	3.7	3.2	3.9	3.7	2.6	2.2	2.7	3.0	2.8	3.9	3.5	3.2	2.2	3.7	3.3	3.9	2.6	2.7	2.4
6.9	3.0	3.2	4.3	3.6	3.0	3.7	3.5	2.5	2.0	2.4	2.7	2.5	3.7	3.2	3.0	2.0	3.5	3.1	3.7	2.5	2.5	2.3
6.6	6.4	7.1	7.3	6.1	8.3	8.1	8.3	6.0	6.3	8.4	9.0	8.6	8.8	9.1	6.0	6.3	7.8	8.4	8.6	5.5	6.0	4.4
-0.9	-5.8	-3.8	-2.6	-2.9	1.4	2.9	2.6	1.1	0.7	0.5	0.9	0.7	0.6	0.3	4.2	3.7	4.2	3.4	3.6	3.8	3.5	3.9
2.3	2.4	2.5	2.1	2.0	1.8	2.3	1.3	1.5	1.2	0.3	1.0	1.1	2.6	2.0	2.0	1.5	1.2	1.6	1.8	2.0	1.9	1.9
2.6	1.9	2.2	2.3	2.6	2.3	2.7	0.9	1.2	1.0	1.2	2.2	2.1	1.9	1.2	1.6	1.1	0.9	1.3	0.7	0.8	1.1	0.5
2.2	3.0	3.4	2.0	1.6	1.2	1.5	0.5	0.6	0.3	-2.1	-1.4	-1.0	2.0	1.4	1.0	0.7	0.5	0.7	1.9	2.0	1.7	2.0
2.3	1.7	0.9	2.2	1.9	2.1	4.2	4.3	4.5	3.8	5.3	5.6	5.1	5.4	5.1	5.9	4.3	4.1	4.5	4.0	4.2	3.8	4.5
1.9	3.0	2.7	3.2	2.7	3.0	3.4	2.3	1.7	1.8	1.9	1.7	1.5	1.8	1.5	1.9	1.8	1.9	2.2	2.4	3.3	3.5	3.3
3.5	1.5	2.5	4.0	3.8	4.1	4.8	2.8	2.9	2.3	2.4	2.9	2.3	3.0	2.6	3.0	2.1	1.8	2.3	3.2	2.7	3.0	3.3
2.3	0.3	0.8	0.4	0.3	0.6	1.0	0.4	0.1	0.5	0.7	0.4	0.3	0.5	0.3	1.5	1.3	0.9	1.2	0.9	2.3	2.7	2.2
0.1	8.9	5.8	6.3	5.2	6.3	7.1	4.8	2.9	3.6	4.4	2.5	2.4	2.6	2.3	2.5	2.9	2.6	2.3	2.9	5.7	5.9	5.7
1.5	1.7	1.9	2.0	1.2	0.8	0.3	1.0	0.7	0.6	0.3	0.9	0.8	1.0	0.8	0.5	0.9	2.3	2.7	2.2	2.5	2.7	1.9
0.4	0.2	-1.2	-0.6	-0.5	-0.2	0.2	1.0	1.2	1.6	2.1	2.0	1.6	1.7	1.3	0.8	0.5	-0.5	0.3	-0.8	1.4	1.7	0.5
0.1	1.8	0.6	0.4	-1.1	1.2	1.9	0.5	0.2	1.1	2.6	1.7	1.8	1.5	1.2	1.8	1.5	0.9	1.1	1.9	2.3	2.2	1.5
-3.1	-2.8	-3.8	-2.4	-3.4	-3.6	-2.9	0.8	0.5	0.4	1.4	1.6	0.9	1.9	1.5	0.9	0.4	-1.8	-1.5	-5.3	-3.9	-3.7	-3.9
1.4	0.8	1.9	0.7	0.3	0.9	0.3	0.5	0.2	0.5	1.6	1.9	1.4	0.8	0.5	1.8	3.4	3.1	3.4	4.6	5.6	6.1	5.3
2.3	1.4	-0.4	-0.1	0.8	1.0	1.4	1.2	1.8	2.3	2.5	2.3	1.9	1.7	1.2	0.5	0.2	-0.4	0.7	0.4	3.4	3.9	2.1
5.1	4.4	5.0	6.7	5.1	5.3	5.5	5.4	4.1	3.5	3.1	2.4	2.6	3.1	2.8	3.4	2.5	2.5	2.6	2.5	2.2	2.5	2.3
3.5	5.5	6.1	6.5	3.5	3.2	3.6	3.1	0.8	2.2	2.1	1.3	2.1	2.7	3.0	3.2	2.7	2.2	1.2	0.8	0.5	0.9	1.1
2.3	0.7	1.4	4.1	2.1	2.8	4.1	4.1	4.5	2.5	2.7	2.9	0.8	1.8	1.0	1.9	1.3	2.2	2.7	2.2	2.5	2.7	2.4
8.5	6.3	6.9	8.8	8.6	8.9	8.1	8.2	6.6	5.2	4.1	3.0	4.2	4.3	3.8	4.5	3.2	3.0	3.6	4.0	3.3	3.7	3.3
-0.1	-1.8	-1.9	-2.7	-1.5	0.7	1.4	-1.6	-1.3	0.4	0.6	0.6	0.3	0.8	1.0	2.8	1.3	1.4	3.0	1.9	1.5	2.4	1.7
0.9	-1.5	-2.0	-3.6	-1.9	1.1	1.6	-1.8	-1.6	0.3	0.4	0.2	0.1	0.5	0.9	2.8	1.3	1.1	3.3	2.0	1.1	2.5	1.2
-3.6	-4.0	-1.8	1.8	2.4	1.7	1.9	-0.1	-0.5	0.5	0.2	1.4	1.0	1.2	0.9	3.9	1.2	2.0	1.4	1.0	1.6	1.3	3.5
-1.7	-1.3	-1.6	-1.7	-3.0	-2.7	0.2	-1.9	-0.3	1.2	1.8	1.9	0.8	1.8	1.5	1.9	1.3	2.6	3.2	2.3	3.0	3.0	2.5
1.6	1.4	1.3	3.1	2.1	2.2	2.8	2.7	2.2	2.4	2.2	1.7	2.4	2.9	2.4	2.6	1.9	3.0	3.5	2.7	3.0	2.9	3.2
2.4	1.6	0.3	2.8	2.1	1.2	1.9	2.2	1.5	1.9	0.8	0.6	0.3	1.2	1.0	1.7	0.4	2.9	3.4	1.3	1.8	2.0	3.0
4.4	3.1	3.5	4.6	5.0	6.0	6.4	5.8	6.0	5.5	6.3	6.4	6.7	5.8	4.0	3.9	4.4	3.7	3.2	3.5	2.4	2.8	2.2
-2.3	0.3	2.3	4.9	1.1	2.4	4.3	2.8	2.1	2.5	3.6	2.3	6.5	6.7	6.0	5.6	4.4	4.9	5.6	6.8	7.9	6.8	7.3
0.9	0.7	1.0	0.8	0.7	1.4	1.0	1.5	0.8	1.2	0.8	0.4	0.2	1.4	0.9	1.2	1.4	1.1	1.8	1.5	1.9	1.5	0.7
2.3	0.9	2.7	0.2	1.8	3.3	1.5	-0.2	1.0	1.6	-5.1	6.5	1.5	2.0	1.8	2.4	1.5	1.6	2.3	1.8	2.0	2.4	1.9

Jadual **1.3c** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor: Perubahan Peraturan Bulanan/Suku Tahunan
Table **1.3c** : Salaries and Wages Paid of Manufacturing Sector by Sub-sector: Monthly/Quarterly Percentage Change

Subsektor Sub-sector	2024				2025			2024		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-2.3	-0.8	1.6	4.3	-1.6	-1.1	1.8	-4.0	-4.1	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-2.4	-0.7	1.6	3.9	-1.6	-1.0	1.9	-3.8	-4.2	
11 Pembuatan minuman <i>Manufacture of beverages</i>	-1.9	-1.4	0.4	11.1	-1.0	-3.3	1.2	-5.2	-2.8	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	-4.4	-9.6	0.9	15.4	-4.6	-6.5	0.5	-18.2	1.8	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	-1.1	-1.9	-1.0	4.9	-0.1	-2.1	-0.8	-2.1	-5.0	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.5	2.2	0.5	1.3	-2.2	1.6	0.3	-1.0	-4.8	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	-0.3	-4.8	-2.6	7.0	1.6	-4.8	-1.9	-3.2	-6.5	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	-0.6	-1.7	0.6	6.8	-0.4	-2.1	0.1	-1.3	-0.8	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.1	-2.0	-0.3	2.9	1.0	-1.7	0.5	-1.4	-0.2	
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>	0.2	-0.8	1.8	1.3	0.3	-1.1	2.2	0.2	-1.1	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	0.8	-5.1	0.7	4.4	0.6	-4.3	1.0	-1.7	1.0	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	3.0	2.1	-3.6	2.1	2.0	2.4	-2.8	-4.3	3.1	
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.8	-4.3	0.1	4.2	1.0	-4.0	1.3	0.0	-3.1	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-1.1	-1.6	2.1	2.6	-1.5	-2.8	2.1	-4.1	-1.2	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	2.8	-16.4	4.7	13.0	2.5	-16.4	5.1	-10.1	0.2	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.9	-5.9	1.9	3.5	2.2	-7.4	-1.5	-4.3	0.9	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	-11.2	3.8	3.2	6.5	-11.5	5.7	5.0	-15.1	-6.1	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-2.8	3.7	1.5	-0.01	-3.5	2.1	3.0	-1.7	-2.2	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.9	-1.9	-1.0	3.0	2.8	-1.9	-1.3	-0.3	-2.6	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	-2.6	0.8	0.1	3.6	-1.8	0.9	-1.7	-3.6	-3.3	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	7.4	-4.8	-3.3	3.8	5.8	-4.2	-2.6	2.8	-3.5	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	4.2	-1.9	-0.2	2.0	4.3	-2.4	-0.2	0.2	-1.4	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-2.3	-1.7	-1.3	6.0	-2.2	-0.5	-1.0	-7.6	-0.1	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-2.8	-0.9	-2.8	7.2	-2.7	0.3	-2.4	-9.2	0.6	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-0.8	-0.01	3.3	-1.7	-0.5	1.2	2.3	-2.7	-2.1	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-0.8	-6.9	2.3	7.5	-1.0	-6.3	3.2	-3.5	-1.7	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-2.2	2.3	-1.8	3.9	-1.7	2.3	-1.3	-7.4	0.9	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-4.8	4.6	-1.8	3.4	-5.1	5.4	-1.3	-10.0	1.1	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	4.2	0.5	-2.1	3.5	3.6	-0.9	-3.0	0.6	0.7	
32 Pembuatan lain <i>Other manufacturing</i>	-4.7	1.2	1.6	4.9	-1.3	-0.1	3.3	-11.6	1.1	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	2.1	-0.9	-4.7	4.5	2.1	-0.5	-4.2	-2.8	0.6	
Pembuatan	Jumlah Total	-33.7	47.9	-0.2	4.1	-0.8	-1.3	0.1	0.0	-1.3

(%)

2025																				
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
-0.9	1.2	0.3	-0.6	1.3	-0.2	2.2	-0.1	0.6	7.7	-4.1	-3.1	-1.3	0.9	-0.6	0.9	0.9	0.4	0.9	-0.1	0.4
-0.9	1.3	0.6	-0.7	1.4	-0.2	2.0	-0.2	0.3	7.6	-4.0	-3.1	-1.4	1.1	-0.4	0.7	1.0	0.4	0.8	-0.2	0.1
0.4	1.8	-4.4	1.3	-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6	0.7	-1.1	-4.1	2.8	-0.3	0.6	1.9	1.0	5.2
-1.6	-9.4	-1.6	3.9	-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6	-1.8	-5.9	-2.0	4.5	-1.5	-3.9	7.4	2.9	-0.5
0.9	-0.1	0.5	-3.0	0.3	-0.9	3.3	-0.6	2.7	5.3	-2.0	-3.6	0.3	-0.1	0.0	-3.2	0.7	-0.7	3.5	-0.7	2.7
2.2	0.9	3.1	-1.5	0.5	-0.6	1.3	-0.5	0.6	2.3	-1.0	-5.1	1.5	1.2	2.7	-1.8	1.0	-1.2	1.4	-0.3	-0.01
0.9	-0.8	-1.3	-4.6	0.9	-2.0	4.1	-1.1	4.7	8.4	-2.8	-3.6	0.2	-1.2	-1.5	-4.8	1.1	-0.9	4.2	-1.4	5.0
-1.4	-0.2	0.3	-1.6	-1.4	1.8	5.5	0.5	1.6	2.7	-1.7	-0.5	-1.7	0.5	-1.1	-1.9	-1.0	1.3	5.7	0.1	2.4
-0.8	-1.5	1.0	-1.6	0.5	-0.2	0.3	0.9	0.8	4.0	-1.6	0.1	-1.1	-1.1	0.9	-1.4	0.7	0.0	1.2	1.2	0.5
-0.5	0.5	0.0	-1.7	3.6	-1.2	0.7	0.4	0.5	1.7	-0.4	-0.5	-1.0	0.9	-0.9	-2.0	4.1	-0.3	0.2	0.7	0.7
-1.6	-4.1	-0.8	0.6	-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2	-1.7	-3.0	-1.0	0.2	-0.2	0.3	3.6	2.5	-1.6
-0.8	0.1	2.4	-0.4	-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3	-1.0	0.4	2.8	-0.7	-1.9	-0.9	-2.2	1.7	3.5
-0.5	-2.9	2.1	-4.2	0.2	1.5	3.2	-0.1	0.0	5.1	-0.1	-2.9	-0.7	-3.2	2.4	-2.8	0.6	1.0	3.5	0.1	-0.8
3.1	-2.6	-1.5	1.2	0.7	1.6	-0.1	0.7	-0.1	4.5	-4.4	-1.1	2.6	-3.0	-1.7	0.2	1.5	0.5	2.1	1.0	-1.2
15.8	-24.8	-1.9	7.0	-1.9	0.8	6.6	5.2	-3.0	14.9	-10.0	0.0	15.5	-24.3	-2.3	6.4	-1.7	1.5	7.0	5.1	-3.7
2.6	-3.9	-7.1	2.4	1.8	2.4	-1.6	0.7	0.5	8.1	-5.0	1.9	2.2	-4.5	-7.5	0.1	2.2	-1.6	-0.1	0.8	0.3
1.7	8.4	-5.3	0.9	2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6	1.3	9.8	-3.7	0.6	2.5	5.3	-0.7	3.2	-3.2
0.6	3.0	1.6	-0.3	0.6	1.3	-0.6	-0.3	0.4	0.0	-2.0	-2.5	0.1	2.4	1.3	-0.9	1.7	0.9	2.4	0.2	-1.3
0.3	-1.0	0.3	-1.5	-0.7	0.3	1.3	-0.2	0.1	6.6	-0.1	-2.1	0.0	-0.4	-0.5	-1.5	-0.7	0.2	0.9	0.1	-0.1
2.3	0.3	0.6	-0.7	0.1	-0.2	1.2	1.3	1.0	2.4	-2.8	-2.7	2.6	0.5	0.1	-1.1	-0.9	-0.6	1.0	1.7	1.2
-0.5	-1.2	-2.1	-2.2	-1.6	-0.5	2.5	-1.8	0.4	11.4	0.6	-2.5	-1.3	-0.3	-2.7	-1.3	-1.1	-1.0	2.8	-1.5	0.1
-0.5	-1.7	1.9	-1.6	-0.7	1.2	0.5	-0.4	-0.8	6.8	1.4	-1.4	-1.0	-1.1	0.7	-1.8	-0.2	1.7	-0.3	-0.1	-1.2
-2.1	-3.0	3.5	1.6	-3.4	-1.4	2.8	1.2	-0.1	10.3	-7.8	0.3	-1.9	-1.2	1.9	1.7	-1.9	-2.5	2.3	2.1	-0.8
-2.0	-2.7	3.5	2.1	-5.2	-1.9	3.6	1.4	0.5	10.9	-9.3	1.0	-1.6	-0.8	1.9	1.9	-3.1	-3.1	2.7	2.7	-0.8
-0.6	-5.5	10.0	1.1	0.4	-0.8	-1.5	-1.0	-3.4	8.7	-3.2	-1.9	-1.0	-2.7	7.2	1.8	-0.1	-1.2	-0.8	-1.3	-1.3
-3.9	-2.2	-2.0	-0.6	2.2	0.4	2.7	2.4	0.1	8.7	-4.5	-0.8	-4.2	-1.9	-2.6	0.7	2.7	-0.4	3.4	2.4	-0.3
-0.5	2.6	0.5	-1.6	-1.2	0.3	0.2	1.0	0.1	7.3	-6.8	1.5	-1.0	2.8	-0.2	-0.6	-0.7	-0.5	0.6	0.9	0.4
-3.8	6.4	1.2	-0.9	-2.3	1.4	-0.5	0.9	-1.4	9.8	-10.3	2.0	-4.0	7.1	-0.1	1.6	-1.8	-0.7	0.0	1.2	-0.5
5.9	-3.8	1.8	-2.6	-0.2	-2.8	3.2	1.6	0.0	2.0	0.9	-0.1	4.1	-3.9	2.4	-3.2	-0.7	-2.5	2.1	2.0	-0.6
2.0	-0.3	0.5	-1.4	2.0	0.3	0.3	1.0	0.9	8.6	-8.0	1.4	1.3	-0.7	-0.6	-1.0	2.7	1.5	1.3	-0.1	1.4
0.1	1.5	-2.4	-3.0	-1.9	0.2	-0.5	0.9	3.5	4.6	-3.0	1.8	-0.3	1.8	-2.3	-3.3	-1.2	-0.1	-0.1	0.4	2.7
-0.2	-1.4	1.0	0.1	-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	-0.4	-0.9	0.1	0.2	-0.2	-0.6	1.7	1.0	-0.3

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
Table : Sales Value of Manufacturing Sector by Group

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
101	Pemprosesan dan pengawetan daging	9,315	9,950	2,401	2,478	2,479
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6,056	6,001	1,496	1,498	1,492
	10201 Pengetinan ikan, krustasea dan moluska					
	&	5,670	5,575	1,391	1,392	1,385
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska					
	Industri lain	386	426	105	106	106
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	2,368	2,625	640	664	659
	10303 Pengetinan nanas					
	&	564	637	154	157	159
	10304 Pembuatan jem, marmalad dan sajian jeli					
	Industri lain	1,804	1,988	486	507	499
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	168,839	186,675	39,213	43,322	49,828
	10404 Pembuatan minyak sayuran mentah dan bertapis					
	&	20,650	21,020	5,065	4,709	5,468
	10406 Pembuatan sebatian lemak masakan					
	10405 Pembuatan minyak kelapa	1,231	1,653	369	371	440
	Industri lain	146,958	164,002	33,779	38,243	43,921
105	Pembuatan produk tenusu	12,107	11,884	2,855	2,912	2,983
	10502 Pembuatan susu pekat, tepung dan sejat	11,271	10,781	2,621	2,641	2,678
	Industri lain	836	1,104	234	272	305
106	Pembuatan produk bijian, kanji dan produk berkanji	11,151	12,383	2,927	3,103	3,150
	10611 Pengilangan beras	5,367	6,000	1,382	1,527	1,557
	10613 Pengilangan tepung	5,460	6,038	1,455	1,485	1,510
	Industri lain	324	345	89	91	83
107	Pembuatan produk makanan lain	63,250	71,016	16,626	17,557	17,918
	10711 Pembuatan biskut dan cookies	4,043	4,658	1,075	1,127	1,198
	10712 Pembuatan roti, kek dan produk bakeri lain	13,821	14,929	3,430	3,628	3,851
	10713 Pembuatan produk snek	3,309	4,201	988	1,091	1,050
	10721 Pembuatan gula	6,114	7,018	1,626	1,731	1,778
	10731 Pembuatan produk koko	3,612	5,556	1,109	1,346	1,419
	10732 Pembuatan coklat dan produk coklat					
	&	13,784	14,718	3,540	3,720	3,633
	10733 Pembuatan konfeksi gula					
	10793 Pembuatan sos dan bahan perasa	2,437	2,763	666	706	668
	10799 Pembuatan produk makanan lain t.t.t.l.	6,636	6,855	1,680	1,609	1,717
	Industri lain	9,493	10,319	2,513	2,598	2,603
108/ 10800	Pembuatan makanan haiwan tersedia	19,358	19,231	4,704	4,944	4,845
110	Pembuatan minuman ringan	13,055	14,226	3,399	3,387	3,592
	11041 Pembuatan minuman ringan	7,141	8,110	1,885	1,889	2,098
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1,400	1,449	341	345	373
	Industri lain	4,514	4,667	1,174	1,153	1,120
120/ 12000	Pembuatan produk tembakau	4,010	4,345	1,307	1,114	885
131	Pemintalan, penenunan dan penyiapan tekstil	5,716	5,874	1,480	1,587	1,423
	13110 Penyediaan dan pemintalan gentian tekstil					
	&	4,266	4,251	1,077	1,152	1,023
	13120 Penenunan tekstil					
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	1,413	1,592	395	428	392
	Industri lain	37	32	9	7	8
139	Pembuatan tekstil lain	5,688	6,377	1,637	1,577	1,558
	13910 Pembuatan fabrik dikait dan dikrusye	2,264	2,397	617	603	602
	Industri lain	3,424	3,980	1,020	974	957
141	Pembuatan pakaian, kecuali pakaian berbulu	9,388	9,634	2,506	2,312	2,399
	14102 Pembuatan pakaian	8,293	8,329	2,186	1,999	2,069
	Industri lain	1,095	1,305	321	313	330
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	485	542	149	127	131
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	1,997	2,190	541	451	526
152	Pembuatan kasut	879	843	230	209	196
	15201 Pembuatan kasut kulit					
	&	578	579	156	138	137
	15203 Pembuatan kasut getah					
	Industri lain	301	264	74	72	60
161/ 16100	Pengilangan dan pengetaman kayu	6,495	5,999	1,798	1,307	1,342

(RM Juta/million)						
2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
2,592	2,318	2,099	2,191	9,130	8,071	Processing and preserving of meat
1,515	1,576	1,603	1,571	5,495	5,778	Processing and preserving of fish, crustaceans and molluscs
1,406	1,456	1,477	1,456	5,106	5,341	Canning of fish, crustaceans and molluscs
109	121	126	114	390	437	Processing, curing and preserving of fish, crustacean and molluscs
662	651	657	681	2,411	2,445	Other industry
167	134	126	129	585	481	Processing and preserving of fruits and vegetable
496	517	532	552	1,826	1,964	Pineapple canning
54,312	44,816	49,431	53,546	168,549	187,487	Manufacture of jams, marmalades and table jellies
5,779	5,968	6,163	5,923	19,023	22,492	Other industry
473	459	447	517	1,494	1,775	Manufacture of vegetable and animal oils and fats
48,060	38,389	42,821	47,106	148,032	163,220	Manufacture of crude and refined vegetable oil
3,134	3,102	3,191	2,808	10,849	11,031	Manufacture of compound cooking fats
2,841	2,808	2,861	2,472	9,840	9,847	Manufacture of coconut oil
293	294	330	335	1,008	1,184	Other industry
3,204	3,267	3,500	3,443	11,340	12,479	Manufacture of dairy products
1,532	1,568	1,679	1,555	5,497	5,778	Manufacture of condensed, powdered and evaporated milk
1,589	1,614	1,735	1,812	5,526	6,403	Other industry
83	85	85	76	317	298	Manufacture of grain mill products, starches and starch products
18,915	19,259	20,013	20,340	64,742	73,515	Rice milling
1,257	1,121	1,169	1,222	4,245	4,363	Flour milling
4,019	4,320	4,509	4,869	13,561	17,006	Other industry
1,072	988	983	983	3,848	3,637	Manufacture of other food products
1,883	1,794	1,923	1,990	6,426	7,164	Manufacture of biscuits and cookies
1,682	1,669	1,536	1,357	4,996	5,401	Manufacture of bread, cakes and other bakery products
3,826	4,011	4,429	4,410	13,426	15,917	Manufacture of snack products
722	693	698	651	2,525	2,491	Manufacture of sugar
1,848	1,942	1,949	2,001	6,256	7,301	Manufacture of cocoa products
2,604	2,723	2,818	2,857	9,459	10,236	Manufacture of chocolate and chocolate products
4,737	4,750	6,165	6,365	17,705	21,603	Manufacture of sugar confectionery
3,849	3,734	3,623	4,058	12,960	14,396	Manufacture of sauces and condiments
2,238	2,127	2,059	2,334	7,388	8,259	Manufacture of other food products n.e.c.
391	414	413	407	1,319	1,524	Other industry
1,219	1,193	1,150	1,318	4,253	4,613	Manufacture of prepared animal feeds
1,039	1,313	1,107	909	4,009	4,063	Manufacture of beverages
1,384	1,432	1,553	1,376	5,399	5,261	Manufacture of soft drinks
999	1,050	1,120	969	3,909	3,773	Production of natural mineral waters and other bottled waters
377	372	423	398	1,460	1,454	Other industry
8	9	10	10	29	35	Manufacture of tobacco products
1,605	1,546	1,531	1,514	5,832	5,612	Spinning, weaving and finishing of textiles
576	608	622	609	2,202	2,228	Preparation and spinning of textile fibres
1,029	938	910	906	3,631	3,383	Weaving of textiles
2,417	2,572	2,288	2,382	8,835	8,862	Dyeing, bleaching, printing and finishing of yarns and fabrics
2,075	2,229	1,959	2,029	7,647	7,611	Other industry
342	343	329	353	1,187	1,250	Manufacture of wearing apparel, except fur apparel
134	143	120	128	500	483	Manufacture of clothings
672	615	498	571	1,969	2,163	Other industry
207	208	220	199	772	771	Manufacture of articles of fur, knitted and crocheted apparel
149	148	154	139	528	546	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
59	60	66	60	244	225	Manufacture of footwear
1,552	1,703	1,275	1,373	5,485	5,483	Manufacture of leather footwear
						Manufacture of rubber footwear
						Other industry
						Sawmilling and planning of wood

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : Sales Value of Manufacturing Sector by Group (cont.)

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024										
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
101	Pemprosesan dan pengawetan daging	789	810	803	823	843	811	808	824	847	870	902
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	531	474	491	495	506	497	494	495	503	507	503
10201 & 10202	Pengetinan ikan, krustasea dan moluska	495	439	458	463	470	459	459	458	468	471	466
	Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	36	35	34	32	37	37	35	37	35	36	37
103	Pemprosesan dan pengawetan buah-buahan dansayur - sayuran	221	206	214	218	226	220	222	218	218	229	219
10303 & 10304	Pengetinan nanas	52	49	53	51	54	53	53	51	55	58	57
	Pembuatan jem, marmalad dan sajian jeli Industri lain	169	156	161	167	173	167	169	167	163	171	162
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	15,661	11,973	11,579	13,939	14,540	14,843	15,891	17,241	16,696	18,312	17,874
10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis	1,836	1,604	1,625	1,461	1,550	1,698	1,716	1,843	1,908	1,928	1,854
10405	Pembuatan sebatian lemak masakan	120	127	122	108	129	134	152	142	145	150	165
	Pembuatan minyak kelapa Industri lain	13,705	10,243	9,832	12,371	12,861	13,010	14,023	15,256	14,643	16,234	15,856
105	Pembuatan produk tenusu	927	932	995	979	998	936	950	1,034	999	1,003	1,096
10502	Pembuatan susu pekat, tepung dan sejat Industri lain	845	856	919	899	902	840	852	933	893	904	997
		82	76	76	80	96	96	98	101	106	99	98
106	Pembuatan produk bijian, kanji dan produk berkanji	981	917	1,029	1,013	1,058	1,032	1,012	1,051	1,086	1,097	1,064
10611 & 10613	Pengilangan beras	450	424	509	502	526	500	502	517	539	529	501
	Pengilangan tepung Industri lain	501	465	490	480	502	502	483	507	520	541	535
		30	28	31	31	30	30	28	28	27	27	28
107	Pembuatan produk makanan lain	5,573	5,383	5,670	5,714	6,063	5,780	5,775	6,021	6,121	6,327	6,315
10711 & 10712	Pembuatan biskut dan cookies	368	334	373	372	378	377	401	394	403	434	411
10712 & 10713	Pembuatan roti, kek dan produk bakeri lain	1,173	1,103	1,155	1,203	1,236	1,189	1,221	1,304	1,327	1,320	1,331
10713 & 10721	Pembuatan produk snek	339	300	349	349	384	359	361	345	344	367	352
10721 & 10731	Pembuatan gula	535	539	552	554	611	566	569	587	622	650	641
10731 & 10732	Pembuatan produk koko	370	375	364	386	491	469	445	503	471	564	557
10732 & 10733	Pembuatan coklat dan produk coklat	1,143	1,148	1,248	1,232	1,303	1,184	1,170	1,240	1,223	1,252	1,282
10733 & 10793	Pembuatan konfeksi gula	225	219	222	232	236	238	212	220	236	239	246
10793 & 10799	Pembuatan sos dan bahan perasa	577	555	548	540	544	525	520	572	626	621	628
	Pembuatan produk makanan lain t.t.t.l. Industri lain	843	812	858	845	880	872	877	857	869	879	866
108/10800	Pembuatan makanan haiwan tersedia	1,538	1,521	1,646	1,632	1,711	1,602	1,645	1,641	1,560	1,572	1,640
110	Pembuatan minuman ringan	1,115	1,091	1,193	1,196	1,113	1,077	1,164	1,234	1,193	1,319	1,263
11041 & 11042	Pembuatan minuman ringan	628	592	665	680	606	602	690	711	697	794	722
	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	109	114	118	120	113	112	124	126	122	130	130
		379	384	411	396	393	364	350	397	373	395	411
120/12000	Pembuatan produk tembakau	410	407	490	399	411	305	308	304	274	360	343
131	Pemintalan, penenunan dan penyiapan tekstil	519	476	485	508	560	519	505	506	412	447	462
13110 & 13120	Penyediaan dan pemintalan gentian tekstil	375	341	361	379	396	377	368	363	292	324	333
13132	Penenunan tekstil	141	132	121	126	162	139	134	140	118	119	127
	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	3	3	2	2	2	2	3	3	2	3	3
139	Pembuatan tekstil lain	552	542	544	519	527	531	525	526	508	518	542
13910	Pembuatan fabrik dikait dan dikrusye Industri lain	206	205	206	201	200	202	203	212	187	184	197
		345	337	338	318	327	329	321	314	321	334	345
141	Pembuatan pakaian, kecuali pakaian berbulu	850	785	870	795	789	728	842	778	779	805	812
14102	Pembuatan pakaian Industri lain	748	680	757	698	678	622	726	672	671	701	692
		102	105	113	97	110	106	116	106	108	104	120
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	49	49	51	45	43	39	44	44	44	46	47
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	182	176	184	156	153	142	151	177	198	218	234
152	Pembuatan kasut	82	74	74	71	69	69	66	67	63	65	71
15201 & 15203	Pembuatan kasut kulit	56	49	51	46	45	47	45	48	44	46	52
	Pembuatan kasut getah Industri lain	26	25	23	25	24	22	21	20	19	19	20
161/16100	Pengilangan dan pengetaman kayu	606	534	658	547	417	342	356	508	478	526	513

2025												Group Description/Period
Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
820	882	721	715	694	729	676	692	744	756	720	744	Processing and preserving of meat
505	521	520	535	519	566	518	537	516	518	526	503	Processing and preserving of fish, crustaceans and molluscs
469	483	480	493	476	524	477	498	476	482	487	465	Canning of fish, crustaceans and molluscs
36	37	41	42	43	42	41	38	40	36	39	37	Processing, curing and preserving of fish, crustacean and molluscs
214	218	218	215	217	218	222	224	226	231	237	219	Other industry
52	47	44	42	44	40	42	44	39	46	48	45	Processing and preserving of fruits and vegetable
162	171	174	172	173	179	180	181	187	185	188	175	Pineapple canning
18,126	17,395	14,140	13,280	15,640	16,589	17,203	16,898	18,652	17,996	20,665	19,030	Manufacture of jams, marmalades and table jellies
1,997	2,116	1,839	2,013	2,027	2,097	2,040	1,965	1,969	1,988	2,263	2,176	Other industry
159	155	155	149	130	158	159	182	166	169	176	176	Manufacture of vegetable and animal oils and fats
15,970	15,124	12,147	11,118	13,483	14,334	15,004	14,751	16,516	15,839	18,226	16,678	Manufacture of crude and refined vegetable oil
1,036	1,027	1,006	1,068	1,058	1,058	1,075	864	973	971	937	993	Manufacture of compound cooking fats
940	930	909	969	950	946	965	750	865	858	820	886	Manufacture of coconut oil
95	98	98	99	108	112	110	114	108	113	117	107	Other industry
1,043	1,042	1,058	1,167	1,153	1,216	1,131	1,152	1,128	1,163	1,177	1,093	Manufacture of dairy products
502	491	507	570	563	593	523	537	500	517	526	450	Manufacture of condensed, powdered and evaporated milk
512	522	523	569	560	595	580	589	602	621	625	617	Other industry
28	29	27	29	30	28	28	26	26	25	25	26	Manufacture of grain mill products, starches and starch products
6,274	6,390	6,351	6,519	6,655	6,809	6,549	6,607	6,864	6,869	6,915	6,987	Rice milling
412	378	362	381	382	402	385	409	401	411	440	411	Flour milling
1,368	1,454	1,435	1,430	1,503	1,499	1,508	1,528	1,647	1,694	1,644	1,664	Other industry
353	328	334	325	328	337	318	321	331	330	347	337	Manufacture of other food products
592	586	597	611	614	681	628	640	666	684	708	749	Manufacture of biscuits and cookies
560	552	569	548	558	525	453	456	491	410	417	422	Manufacture of bread, cakes and other bakery products
1,292	1,343	1,297	1,371	1,455	1,513	1,461	1,421	1,512	1,477	1,516	1,551	Manufacture of snack products
237	226	224	243	243	246	208	216	219	216	229	220	Manufacture of sugar
599	648	638	656	647	667	636	646	646	709	693	715	Manufacture of cocoa products
859	874	895	954	926	939	953	970	950	937	921	917	Manufacture of chocolate and chocolate products
1,525	1,579	1,524	1,648	1,669	2,271	2,225	2,211	2,140	2,014	2,076	2,246	Manufacture of sugar confectionery
1,266	1,216	1,199	1,319	1,263	1,185	1,175	1,302	1,383	1,373	1,531	1,449	Manufacture of sauces and condiments
722	667	710	750	735	661	664	755	778	802	916	823	Manufacture of other food products n.e.c.
131	130	143	140	143	135	135	136	135	136	144	147	Other industry
413	418	346	429	385	389	376	412	471	435	472	480	Manufacture of prepared animal feeds
336	417	414	482	394	402	310	312	310	287	373	362	Manufacture of beverages
475	518	471	443	497	546	509	487	478	411	438	463	Manufacture of soft drinks
342	385	344	321	370	383	367	352	334	284	304	329	Production of natural mineral waters and other bottled waters
131	130	123	119	123	160	139	132	141	125	131	131	Other industry
3	3	3	3	3	3	3	3	3	3	3	3	Manufacture of tobacco products
545	523	512	511	509	513	509	516	505	493	515	504	Spinning, weaving and finishing of textiles
195	203	202	204	205	211	206	207	210	192	200	189	Preparation and spinning of textile fibres
350	320	311	307	304	302	303	309	296	301	315	315	Weaving of textiles
800	860	813	899	816	771	701	828	770	784	803	817	Dyeing, bleaching, printing and finishing of yarns and fabrics
682	743	704	782	713	655	591	706	655	667	698	696	Other industry
118	117	109	117	103	116	110	122	114	117	105	121	Manufacture of other textiles
41	47	48	47	42	39	39	41	43	44	44	48	Manufacture of knitted and crocheted fabrics
221	214	198	203	174	169	155	166	190	215	230	249	Manufacture of wearing apparel, except fur apparel
71	69	70	69	75	74	71	67	67	65	68	75	Manufacture of clothings
51	50	50	48	52	51	51	47	47	45	49	56	Other industry
20	19	20	21	23	22	20	20	20	20	19	20	Manufacture of footwear
514	542	536	625	537	405	333	345	507	521	578	554	Manufacture of leather footwear
												Manufacture of rubber footwear
												Other industry
												Sawmilling and planning of wood

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
Table : Sales Value of Manufacturing Sector by Group

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	18,113	18,986	5,611	3,835	4,248
16211	Pembuatan kepingan venier dan papan lapis	9,198	9,691	2,923	1,899	2,081
16212	Pembuatan papan partikel dan papan gentian	5,112	5,421	1,559	1,095	1,256
16221	Pertukangan kayu untuk jurubina	2,034	2,123	621	423	498
	Industri lain	1,769	1,752	508	418	412
170	Pembuatan kertas dan produk kertas	29,883	30,153	7,711	7,488	7,466
17010	Pembuatan pulpa, kertas dan kertas tebal	5,677	5,935	1,494	1,472	1,493
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	10,374	9,928	2,459	2,423	2,567
17091	Pembuatan sampul surat dan kad surat	375	367	87	91	90
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6,791	6,352	1,758	1,630	1,476
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	3,906	4,133	1,098	1,027	933
	Industri lain	2,760	3,437	814	844	908
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	14,526	15,504	3,948	3,708	3,777
18110	Percetakan	11,353	12,777	3,187	3,049	3,148
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan & Penerbitan semula media rakaman	3,172	2,727	762	658	630
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	224,749	208,646	48,509	52,490	56,180
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	68,175	68,165	17,271	16,835	17,504
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	1,706	2,103	449	509	549
20112 & 20113	Pembuatan kimia organik asas & Pembuatan sebatian bukan organik	34,217	35,316	8,901	8,711	9,040
20121 & 20129	Pembuatan baja & Pembuatan produk campuran nitrogen	4,778	3,504	910	932	844
20131	Pembuatan plastik dalam bentuk primer	22,266	21,812	5,695	5,331	5,678
	Industri lain	5,208	5,430	1,317	1,353	1,394
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	44,200	47,093	12,324	11,473	11,956
20210	Pembuatan racun perosak dan produk agrokimia lain	5,078	4,650	1,297	1,177	1,138
20221	Pembuatan cat, varnis dan penyadur dan mastik	13,718	15,830	4,315	3,918	3,891
20222	Pembuatan dakwat cetak	1,107	1,190	314	296	302
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat & Pembuatan pewangi dan penyediaan dandanan diri	15,295	15,406	4,062	3,723	4,085
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials & Pembuatan dakwat menulis dan melukis	8,240	9,305	2,152	2,210	2,350
20299	Pembuatan produk kimia lain t.t.t.l.					
	Industri lain	762	711	184	148	190
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	10,708	11,312	2,848	2,807	2,885
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	8,789	9,124	2,324	2,332	2,291
	Industri lain	1,919	2,188	524	474	595
221	Pembuatan produk getah	59,737	64,337	15,366	17,305	15,928
22111	Pembuatan tayar getah untuk kenderaan	2,600	2,256	512	605	569
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	867	931	220	226	244
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan & Pengilangan semula getah dan prosesan susu getah	6,074	6,794	1,609	1,652	1,741
22192	Pembuatan sarung tangan getah	44,199	47,905	11,433	13,203	11,702
22199	Pembuatan produk getah lain yang t.t.t.l.	5,997	6,451	1,591	1,619	1,672
222	Pembuatan produk plastik	61,440	64,780	14,931	16,804	16,601
22201 & 22202	Pembuatan produk plastik separa siap & Pembuatan produk plastik siap	15,859	15,708	3,724	4,109	3,903
22203	Pembuatan artikel plastik untuk pembungkusan barangan	21,068	22,842	5,141	6,051	5,990
22204	Pembuatan barangan plastik jurubina	3,053	3,381	768	812	894
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7,594	7,593	1,683	1,994	2,029
22209	Pembuatan pelbagai produk plastik t.t.t.l.	13,866	15,257	3,616	3,839	3,784
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	5,230	5,376	1,477	1,352	1,286

2025		2024		2025		
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Group Description/Period
5,293	5,648	3,790	4,207	17,245	17,087	Manufacture of products of wood, cork, straw and plaiting materials
2,787	3,098	1,929	2,070	8,781	8,920	Manufacture of veneer sheets and plywood
1,511	1,493	1,045	1,219	4,926	4,679	Manufacture of particle board and fibreboard
580	625	409	513	1,928	1,971	Manufacture of builders' carpentry
414	431	408	405	1,611	1,517	Other industry
7,487	7,601	7,301	7,299	27,644	27,069	Manufacture of paper and paper products
1,477	1,526	1,497	1,515	5,435	5,530	Manufacture of pulp, paper and paperboard
2,479	2,376	2,315	2,309	9,108	8,589	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
98	95	92	90	335	335	Manufacture of envelopes and letter-card
1,488	1,647	1,488	1,372	5,862	5,370	Manufacture of household and personal hygiene paper
1,075	1,060	985	1,013	3,759	3,760	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
870	896	923	1,000	3,146	3,485	Other industry
4,071	4,213	3,978	4,057	14,101	15,129	Printing, service activities related to printing and reproduction of recorded media
3,393	3,553	3,382	3,459	11,610	12,868	Printing
678	661	596	598	2,491	2,261	Service activities related to printing
						Reproduction of recorded media
51,468	45,602	47,867	54,278	193,496	182,536	Manufacture of refined petroleum products
16,555	18,548	16,909	17,139	62,277	63,312	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
597	678	641	601	1,881	2,324	Manufacture of liquefied or compressed inorganic industrial or medical gases
						Manufacture of basic organic chemicals
8,665	9,857	8,603	9,024	32,139	32,984	Manufacture of inorganic compounds
						Manufacture of fertilizers
819	973	965	879	3,224	3,436	Manufacture of associated nitrogen products
5,108	5,338	4,584	4,503	20,063	17,055	Manufacture of plastics in primary forms
1,366	1,703	2,117	2,132	4,970	7,514	Other industry
11,339	11,753	11,075	11,540	43,412	42,141	Manufacture of other chemical products and man-made fibres
1,038	1,042	975	906	4,314	3,489	Manufacture of pesticides and other agrochemical products
3,706	3,839	3,378	3,415	14,690	13,066	Manufacture of paints, varnishes and similar coatings ink and mastics
277	291	297	318	1,098	1,101	Manufacture of printing ink
3,536	3,784	3,566	3,810	14,244	13,484	Manufacture of soap and detergents, cleaning and polishing preparations
						Manufacture of perfumes and toilet preparations
						Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
2,593	2,615	2,703	2,935	8,421	10,404	Manufacture of writing and drawing ink
						Manufacture of other chemical products n.e.c.
190	183	156	155	645	597	Other industry
2,772	3,016	3,045	3,156	10,401	11,334	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2,177	2,447	2,494	2,529	8,413	9,237	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
595	568	551	627	1,987	2,097	Other industry
15,738	16,631	17,782	16,045	59,281	60,922	Manufacture of rubber products
570	533	575	630	2,077	2,156	Manufacture of rubber tyres for vehicles
241	248	257	271	853	960	Manufacture of interchangeable tyre treads and retreading rubber tyres
						Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
1,793	1,552	1,580	1,750	6,182	6,097	Rubber remilling and latex processing
11,565	12,743	13,811	11,874	44,236	46,128	Manufacture of rubber gloves
1,569	1,557	1,559	1,520	5,934	5,582	Manufacture of other rubber products n.e.c.
16,444	15,189	16,292	15,832	59,483	57,773	Manufacture of plastics products
						Manufacture of semi-manufactures of plastic products
3,972	3,788	3,952	3,747	14,422	13,929	Manufacture of finished plastic products
5,661	5,161	5,860	5,828	21,048	20,710	Manufacture of plastic articles for the packing of goods
907	831	908	903	3,098	3,248	Manufacture of builders' plastics ware
1,886	1,729	1,860	1,864	7,000	6,699	Manufacture of plastic tableware, kitchenware and toilet articles
4,017	3,680	3,712	3,491	13,914	13,188	Manufacture of diverse plastic products n.e.c.
1,260	1,431	1,420	1,364	4,929	5,163	Manufacture of glass and glass products

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : Sales Value of Manufacturing Sector by Group (cont.)

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024										
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	1,876	1,757	1,978	1,550	1,221	1,064	1,122	1,467	1,659	1,793	1,759
16211	Pembuatan kepingan venier dan papan lapis	969	930	1,025	786	605	507	515	715	852	949	928
16212	Pembuatan papan partikel dan papan gentian	531	470	558	436	352	306	337	428	491	511	505
16221	Pertukangan kayu untuk jurubina	201	201	219	168	133	123	138	185	175	194	191
	Industri lain	175	157	176	160	130	127	133	139	141	138	135
170	Pembuatan kertas dan produk kertas	2,579	2,537	2,595	2,612	2,456	2,420	2,513	2,508	2,445	2,428	2,551
17010	Pembuatan pulpa, kertas dan kertas tebal	507	519	469	479	491	502	520	499	474	467	509
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	863	762	834	832	783	809	876	866	825	807	852
17091	Pembuatan sampul surat dan kad surat	30	28	29	33	30	29	27	31	32	33	33
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	555	574	628	612	549	470	480	494	502	490	507
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	352	388	358	390	315	322	294	318	321	340	361
	Industri lain	272	266	276	268	288	289	316	301	291	290	289
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	1,321	1,316	1,310	1,279	1,199	1,229	1,296	1,234	1,247	1,228	1,440
18110	Percetakan	1,059	1,056	1,071	1,046	983	1,020	1,074	1,019	1,054	1,034	1,192
18120 &	Aktiviti perkhidmatan berkaitan percetakan	262	260	239	233	217	208	222	215	193	195	247
18200	Penerbitan semula media rakaman											
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	17,176	15,204	16,129	17,118	16,001	19,370	19,483	18,780	17,917	18,536	17,782
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	5,877	5,607	5,788	5,805	5,590	5,440	5,788	6,176	5,540	5,172	5,495
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	144	143	162	169	172	168	188	180	182	167	208
20112 &	Pembuatan kimia organik asas	3,011	2,939	2,950	3,166	2,908	2,637	2,954	3,202	2,883	2,589	2,899
20113	Pembuatan sebatian bukan organik											
20121 &	Pembuatan baja	290	272	348	309	307	316	294	291	258	262	277
20129	Pembuatan produk campuran nitrogen	1,962	1,829	1,903	1,714	1,749	1,868	1,873	2,037	1,768	1,702	1,657
20131	Pembuatan plastik dalam bentuk primer	470	423	424	447	454	451	480	465	449	451	455
	Industri lain											
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	4,446	3,772	4,106	3,788	3,860	3,825	3,922	4,065	3,969	3,819	3,840
20210	Pembuatan racun perosak dan produk agrokimia lain	448	436	413	388	389	400	388	373	377	367	335
20221	Pembuatan cat, varnis dan penyadur dan mastik	1,515	1,285	1,514	1,328	1,322	1,268	1,291	1,321	1,280	1,262	1,304
20222	Pembuatan dakwat cetak	110	98	107	107	100	89	107	104	91	92	94
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	1,539	1,231	1,292	1,199	1,246	1,278	1,334	1,455	1,296	1,195	1,179
20232	Pembuatan pewangi dan penyediaan dandanan diri											
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	768	663	721	720	752	738	744	754	852	841	868
20292 &	Pembuatan dakwat menulis dan melukis											
20299	Pembuatan produk kimia lain t.t.t.l.	65	59	59	46	51	52	59	58	73	63	60
	Industri lain											
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	904	942	1,001	965	846	996	962	954	970	949	912
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	730	768	826	814	698	820	782	740	769	740	726
	Industri lain	174	175	175	151	148	176	180	214	201	208	186
221	Pembuatan produk getah	4,890	4,468	6,007	6,041	5,728	5,536	5,605	5,109	5,214	5,520	5,163
22111	Pembuatan tayar getah untuk kenderaan	177	165	171	185	215	204	198	188	183	204	187
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	75	68	77	72	77	77	82	81	81	82	80
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	552	492	564	560	559	533	598	580	563	577	604
22193	Pengilangan semula getah dan prosesan susu getah											
22192	Pembuatan sarung tangan getah	3,527	3,248	4,658	4,696	4,352	4,155	4,164	3,711	3,828	4,123	3,773
22199	Pembuatan produk getah lain yang t.t.t.l.	559	495	537	529	525	566	562	549	560	534	518
222	Pembuatan produk plastik	4,937	4,742	5,252	5,749	5,823	5,232	5,602	5,532	5,467	5,540	5,607
22201 &	Pembuatan produk plastik separa siap	1,234	1,161	1,329	1,375	1,420	1,314	1,339	1,285	1,279	1,330	1,356
22202	Pembuatan produk plastik siap											
22203	Pembuatan artikel plastik untuk pembungkusan barangan	1,680	1,657	1,804	2,039	2,125	1,887	2,043	1,976	1,971	1,952	1,915
22204	Pembuatan barangan plastik jurubina	248	241	279	271	281	261	301	293	300	304	320
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	564	527	592	692	664	637	698	683	648	675	619
22209	Pembuatan pelbagai produk plastik t.t.t.l.	1,212	1,156	1,248	1,372	1,333	1,133	1,221	1,295	1,269	1,278	1,397
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	506	486	485	469	453	430	477	422	387	388	425

2025												Group Description/Period
Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
1,741	1,916	1,770	1,961	1,573	1,195	1,022	1,088	1,533	1,587	1,729	1,713	Manufacture of products of wood, cork, straw and plaiting materials
910	1,055	979	1,065	840	599	490	496	766	808	901	921	Manufacture of veneer sheets and plywood
495	512	452	529	413	337	294	322	447	450	470	452	Manufacture of particle board and fibreboard
195	211	198	216	163	130	116	140	182	192	219	205	Manufacture of builders' carpentry
141	139	141	151	157	128	123	130	138	137	139	135	Other industry
2,509	2,530	2,510	2,561	2,590	2,386	2,325	2,449	2,427	2,424	2,410	2,459	Manufacture of paper and paper products
501	514	529	484	498	494	505	523	500	492	488	504	Manufacture of pulp, paper and paperboard
820	789	787	800	820	748	747	799	756	753	779	810	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
32	33	30	32	34	28	30	33	29	29	29	29	Manufacture of envelopes and letter-card
490	537	531	580	567	497	425	434	464	473	425	437	Manufacture of household and personal hygiene paper
375	347	338	374	380	305	299	332	340	341	353	349	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
291	310	295	291	291	313	319	328	337	335	336	330	Other industry
1,403	1,410	1,412	1,391	1,365	1,295	1,319	1,365	1,328	1,363	1,349	1,532	Printing, service activities related to printing and reproduction of recorded media
1,167	1,185	1,185	1,183	1,166	1,093	1,123	1,167	1,126	1,167	1,144	1,330	Printing
236	225	228	208	199	201	196	198	203	196	204	202	Service activities related to printing
												Reproduction of recorded media
15,150	16,807	14,180	14,614	15,643	14,413	17,810	18,239	18,267	17,772	17,951	16,839	Manufacture of refined petroleum products
5,888	6,506	5,836	6,205	6,104	5,458	5,347	5,658	5,976	5,505	5,210	5,506	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
223	211	217	250	243	201	197	184	207	211	206	198	Manufacture of liquefied or compressed inorganic industrial or medical gases
3,177	3,647	2,980	3,230	3,269	2,779	2,555	2,906	3,194	2,924	2,622	2,878	Manufacture of basic organic chemicals
												Manufacture of inorganic compounds
												Manufacture of fertilizers
280	300	313	360	325	313	327	304	298	277	323	296	Manufacture of associated nitrogen products
1,749	1,834	1,755	1,749	1,574	1,452	1,558	1,564	1,551	1,389	1,292	1,338	Manufacture of plastics in primary forms
460	515	571	617	693	714	709	701	727	704	768	795	Other industry
3,681	3,922	3,890	3,941	3,652	3,752	3,670	3,821	3,905	3,814	3,901	3,872	Manufacture of other chemical products and man-made fibres
336	358	354	329	310	334	331	318	290	298	286	280	Manufacture of pesticides and other agrochemical products
1,140	1,239	1,288	1,312	1,144	1,137	1,097	1,108	1,153	1,155	1,265	1,170	Manufacture of paints, varnishes and similar coatings ink and mastics
92	95	94	103	99	99	98	109	112	97	97	97	Manufacture of printing ink
1,162	1,300	1,223	1,261	1,151	1,224	1,191	1,271	1,323	1,216	1,168	1,156	Manufacture of soap and detergents, cleaning and polishing preparations
												Manufacture of perfumes and toilet preparations
												Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
884	864	873	877	886	912	906	963	981	991	1,039	1,112	Manufacture of writing and drawing ink
												Manufacture of other chemical products n.e.c.
67	65	58	60	62	46	48	52	46	57	47	56	Other industry
911	935	1,010	1,070	1,038	930	1,077	1,047	1,040	1,069	1,088	1,029	Manufacture of pharmaceuticals, medicinal chemical and botanical products
710	756	822	869	847	760	886	849	803	877	904	863	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
201	179	188	201	190	170	190	197	238	192	185	166	Other industry
5,056	5,327	4,844	6,460	6,310	5,871	5,601	5,821	5,029	5,195	5,458	5,006	Manufacture of rubber products
179	189	169	174	190	186	199	217	208	205	219	198	Manufacture of rubber tyres for vehicles
79	82	81	84	81	86	89	87	91	93	99	85	Manufacture of interchangeable tyre treads and retreading rubber tyres
612	528	469	554	546	509	526	589	573	588	592	623	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
3,669	3,979	3,639	5,125	4,974	4,572	4,265	4,394	3,660	3,820	4,059	3,642	Manufacture of rubber gloves
517	549	486	522	519	519	521	534	498	488	488	458	Manufacture of other rubber products n.e.c.
5,297	5,036	4,829	5,324	5,836	5,518	4,937	5,251	5,253	5,329	5,452	5,007	Manufacture of plastics products
1,286	1,265	1,195	1,328	1,347	1,352	1,254	1,267	1,238	1,242	1,292	1,149	Manufacture of semi-manufactures of plastic products
												Manufacture of finished plastic products
1,794	1,700	1,658	1,804	2,088	1,998	1,774	1,944	1,911	1,973	1,998	1,862	Manufacture of plastic articles for the packing of goods
283	270	263	298	314	309	285	295	298	310	312	294	Manufacture of builders' plastics ware
592	575	540	614	655	614	591	634	620	610	650	596	Manufacture of plastic tableware, kitchenware and toilet articles
1,343	1,226	1,174	1,280	1,433	1,246	1,033	1,111	1,186	1,195	1,200	1,106	Manufacture of diverse plastic products n.e.c.
447	456	474	501	498	470	452	481	450	433	456	492	Manufacture of glass and glass products

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
Table : Sales Value of Manufacturing Sector by Group

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	47,547	50,695	13,691	12,279	12,206
23911 & 23921	Pembuatan mortar refraktori dan konkrit	2,458	2,541	661	588	612
23930	Pembuatan produk porselin dan seramik lain	1,012	948	226	240	250
23941	Pembuatan simen hidrolik	12,283	12,553	3,473	3,086	2,932
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	8,934	9,272	2,529	2,229	2,263
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	16,587	18,738	5,066	4,501	4,505
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	4,620	5,094	1,331	1,273	1,262
	Industri lain	1,653	1,551	405	362	382
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	30,976	33,154	8,906	7,470	7,760
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	24,813	25,895	6,795	6,075	5,910
243	Pengacuan logam	667	740	188	187	180
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	32,069	33,584	9,084	8,805	7,623
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	22,561	24,100	6,415	6,222	5,519
25120	Pembuatan produk struktur logam lain					
	Pembuatan tangki, takungan dan kontena daripada logam	8,681	8,806	2,478	2,415	1,944
	Industri lain	827	678	191	168	160
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	38,167	43,615	10,928	10,898	10,576
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5,470	5,651	1,385	1,393	1,417
25920	Rawatan dan penyalutan logam; menggunakan mesin	4,010	6,105	1,379	1,564	1,493
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6,221	6,816	1,848	1,713	1,562
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	11,949	13,533	3,469	3,465	3,231
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya					
25999	Pembuatan barangan rumah daripada logam	294	320	81	81	77
	Pembuatan produk lain yang direka daripada logam t.t.t.l.	8,930	9,621	2,402	2,304	2,388
	Industri lain	1,293	1,569	364	377	408
261	Pembuatan komponen dan papan elektronik	354,760	366,336	89,828	89,022	97,267
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	200,443	209,293	50,810	50,653	56,597
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro					
26109	Pembuatan kapasitor dan perintang elektrik	139,308	134,111	33,996	33,235	34,542
	Pembuatan komponen paparan					
	Pembuatan komponen lain untuk aplikasi elektronik	15,010	22,932	5,021	5,134	6,128
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	51,617	64,509	15,321	19,073	15,864
263/ 26300	Pembuatan peralatan komunikasi	20,566	25,357	5,349	6,578	7,140
264/ 26400	Pembuatan peralatan elektronik pengguna	42,208	42,272	9,668	10,287	12,041
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	18,911	23,232	5,135	5,077	6,228
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	16,835	21,229	4,648	4,640	5,712
26520	Pembuatan kelengkapan kawalan proses perindustrian					
	Pembuatan jam tangan dan jam dan bahagiannya	2,076	2,003	487	437	517
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	5,382	5,746	1,598	1,321	1,337

						(RM Juta/ Million)
2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
12,519	14,060	12,635	12,106	46,299	46,825	Manufacture of non-metallic mineral products n.e.c.
681	730	642	663	2,300	2,491	Manufacture of refractory mortars and concretes
231	212	205	206	872	760	Manufacture of non-refractory ceramic
3,061	3,469	2,919	2,757	11,481	10,974	Manufacture of other porcelain and ceramic products
2,250	2,578	2,221	2,155	8,489	8,360	Manufacture of hydraulic cement
						Manufacture of ready-mix and dry-mix concrete and mortars
						Manufacture of precast concrete, cement or artificial stone articles for use in construction
4,666	5,355	4,921	4,713	17,069	18,035	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
						Manufacture of other articles of concrete, cement and plaster n.e.c.
1,228	1,282	1,325	1,277	4,676	4,814	Manufacture of other non-metallic mineral products n.e.c.
401	435	403	336	1,412	1,392	Other industry
9,017	8,945	7,980	8,093	30,269	31,363	Manufacture of basic iron and steel
7,116	7,445	6,314	6,290	23,461	25,118	Manufacture of basic precious and other non-ferrous metals
184	184	188	203	681	705	Casting of metals
8,072	8,915	8,587	7,561	30,639	30,230	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
						Manufacture of metal doors, windows and their frames, shutters and gates
5,944	6,540	6,300	5,390	21,893	21,936	Manufacture of other structural metal products
1,969	2,214	2,131	2,016	8,122	7,724	Manufacture of tanks, reservoirs and containers of metal
159	161	155	155	624	570	Other industry
11,214	11,873	11,734	11,405	39,675	42,886	Manufacture of other fabricated metal products; metal working service activities
1,456	1,437	1,469	1,542	5,163	5,549	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1,670	1,926	1,923	1,648	5,518	6,617	Treatment and coating of metals; machining
1,692	1,765	1,732	1,677	6,207	6,256	Manufacture of tins and cans for food products, collapsible tubes and boxes
						Manufacture of metal cable, plaited bands and similar articles
3,368	3,696	3,711	3,795	12,339	13,836	Manufacture of bolts, screws, nuts and similar threaded products
81	81	82	82	293	300	Manufacture of metal household articles
2,527	2,557	2,391	2,263	8,723	8,826	Manufacture of any other fabricated metal products n.e.c.
420	410	427	398	1,431	1,502	Other industry
90,219	97,267	93,882	103,548	336,875	364,887	Manufacture of electronic components and boards
						Manufacture of diodes, transistors and similar semiconductor devices
51,233	55,090	53,123	59,666	192,252	207,190	Manufacture of electronic integrated circuits micro assemblies
						Manufacture of electrical capacitors and resistors
32,338	36,145	35,698	39,153	123,887	138,814	Manufacture of printed circuit boards
						Manufacture of display components
6,648	6,032	5,061	4,729	20,736	18,884	Manufacture of other components for electronic applications
14,252	16,994	20,790	17,256	59,544	63,071	Manufacture of computers and peripheral equipment
6,288	5,653	5,888	6,408	23,238	21,866	Manufacture of communication equipment
10,276	9,204	11,404	12,507	39,079	41,947	Manufacture of consumer electronics
6,791	6,123	5,596	6,262	20,983	22,588	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
						Manufacture of measuring, testing, navigating and control equipment
6,229	5,564	5,040	5,632	19,167	20,352	Manufacture of industrial process control equipment
562	559	556	630	1,816	2,235	Manufacture of watches and clocks and parts
1,491	1,619	1,382	1,460	5,242	5,603	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : Sales Value of Manufacturing Sector by Group (cont.)

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024										
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	4,634	4,383	4,673	4,335	3,982	3,963	4,105	4,101	4,001	3,884	4,238
23911	Pembuatan mortar refraktori dan konkrit											
23921	Pembuatan seramik bukan refraktori	229	213	219	200	198	190	193	208	211	212	227
23930	Pembuatan produk porselin dan seramik lain	79	76	72	79	80	82	88	84	78	77	79
23941	Pembuatan simen hidrolik	1,139	1,114	1,219	1,119	985	982	996	981	955	955	1,035
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	853	809	867	793	718	718	750	772	742	713	754
23952	Pembuatan konkrit pratuangan, simen atau artikel batu											
23953	buatan yang digunakan dalam pembinaan;											
23953	atau kejuruteraan awam dari simen, batu atau konkrit buatan											
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	1,769	1,602	1,695	1,600	1,430	1,471	1,502	1,509	1,494	1,414	1,583
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	424	432	475	414	451	408	443	423	395	385	426
	Industri lain	141	139	126	129	121	112	133	124	125	128	134
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	2,810	2,959	3,136	2,799	2,413	2,259	2,193	2,519	3,049	3,090	3,043
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	2,265	2,183	2,346	2,356	1,991	1,728	1,654	1,933	2,323	2,272	2,409
243	Pengacuan logam	65	60	64	70	61	56	53	62	66	64	61
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	3,111	2,958	3,015	3,050	2,811	2,944	2,518	2,568	2,536	2,503	2,624
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan											
25119	pintu pagar daripada logam	2,219	2,105	2,092	2,142	2,017	2,063	1,791	1,847	1,881	1,823	1,913
25120	Pembuatan produk struktur logam lain											
	Pembuatan tangki, takungan dan kontena daripada logam	825	791	862	851	738	827	673	668	603	628	657
	Industri lain	67	62	62	58	57	54	55	53	52	52	53
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	3,690	3,413	3,825	3,888	3,477	3,533	3,482	3,566	3,529	3,641	3,632
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	471	450	464	477	454	462	469	487	461	487	481
25920	Rawatan dan penyalutan logam; menggunakan mesin	428	416	534	527	478	558	472	498	523	541	542
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	641	573	633	631	556	527	505	526	531	552	531
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam											
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	1,142	1,119	1,208	1,219	1,132	1,115	1,071	1,113	1,047	1,077	1,097
25994	Pembuatan barangan rumah daripada logam	28	28	26	27	26	28	25	26	26	26	27
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	862	706	834	877	709	718	803	778	807	821	808
	Industri lain	117	121	125	131	121	125	137	138	134	137	146
261	Pembuatan komponen dan papan elektronik	25,596	29,355	34,876	26,838	30,066	32,119	29,266	32,618	35,383	30,095	30,662
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya											
26102	Pembuatan litir elektronik bersepadu dengan pemasangan mikro	14,200	16,257	20,354	14,983	16,939	18,731	17,244	19,142	20,210	17,208	16,984
26103	Pembuatan kapasitor dan perintang elektrik											
26104	Pembuatan papan litir bercetak	9,728	11,457	12,810	10,429	11,259	11,547	10,256	11,576	12,711	10,580	11,534
26105	Pembuatan komponen paparan											
26109	Pembuatan komponen lain untuk aplikasi elektronik	1,668	1,641	1,713	1,426	1,867	1,841	1,766	1,900	2,462	2,308	2,144
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	4,767	5,333	5,220	7,048	5,952	6,073	6,122	6,031	3,711	4,938	4,349
263/ 26300	Pembuatan peralatan komunikasi	1,691	1,717	1,940	1,719	2,415	2,444	2,220	2,445	2,475	1,982	2,188
264/ 26400	Pembuatan peralatan elektronik pengguna	3,075	3,155	3,439	2,871	3,588	3,827	3,945	4,142	3,954	3,668	3,415
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	1,730	1,610	1,795	1,454	1,758	1,865	1,846	2,103	2,279	2,259	2,283
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan											
26512	Pembuatan kelengkapan kawalan proses perindustrian	1,559	1,456	1,632	1,315	1,608	1,716	1,680	1,925	2,107	2,080	2,088
26520	Pembuatan jam tangan dan jam dan bahagiannya	171	153	163	138	150	149	166	179	172	179	195
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	590	480	528	442	484	396	412	476	449	473	514

2025												Group Description/Period
Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
4,396	4,737	4,496	4,827	4,520	4,118	3,996	4,137	4,097	3,872	3,797	4,227	Manufacture of non-metallic mineral products n.e.c.
												Manufacture of refractory mortars and concretes
241	238	248	243	227	216	199	222	218	222	223	234	Manufacture of non-refractory ceramic
75	68	70	74	70	71	64	69	68	69	68	69	Manufacture of other porcelain and ceramic products
1,072	1,153	1,132	1,184	1,107	959	853	919	942	896	885	944	Manufacture of hydraulic cement
783	867	823	887	815	725	680	733	719	702	664	744	Manufacture of ready-mix and dry-mix concrete and mortars
												Manufacture of precast concrete, cement or artificial stone articles for use in construction
1,669	1,857	1,684	1,814	1,718	1,564	1,639	1,611	1,606	1,496	1,419	1,626	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
												Manufacture of other articles of concrete, cement and plaster n.e.c.
418	419	400	463	436	441	447	472	421	383	433	496	Manufacture of other non-metallic mineral products n.e.c.
139	135	138	162	147	142	114	111	123	103	104	114	Other industry
2,885	2,824	2,951	3,170	2,989	2,558	2,433	2,399	2,593	3,102	3,224	3,121	Manufacture of basic iron and steel
2,435	2,352	2,465	2,627	2,477	2,038	1,799	1,724	2,044	2,523	2,492	2,577	Manufacture of basic precious and other non-ferrous metals
59	61	58	65	68	60	60	60	68	75	66	63	Casting of metals
2,945	3,031	2,915	2,969	3,018	2,763	2,805	2,497	2,551	2,513	2,552	2,616	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
												Manufacture of metal doors, windows and their frames, shutters and gates
2,208	2,236	2,134	2,170	2,223	2,023	2,054	1,766	1,825	1,799	1,824	1,881	Manufacture of other structural metal products
684	742	727	745	741	686	704	682	670	664	679	684	Manufacture of tanks, reservoirs and containers of metal
54	53	54	54	54	54	47	49	56	50	49	50	Other industry
3,941	3,979	3,805	4,088	4,179	3,744	3,811	3,740	3,862	3,803	3,975	3,899	Manufacture of other fabricated metal products; metal working service activities
												Forging, pressing, stamping and roll-forming of metal; powder metallurgy
488	484	466	488	506	476	486	504	518	520	560	542	Treatment and coating of metals; machining
587	619	627	680	680	573	671	544	551	553	565	554	Manufacture of tins and cans for food products, collapsible tubes and boxes
609	600	553	613	608	578	545	578	572	527	544	538	Manufacture of metal cable, plaited bands and similar articles
1,194	1,244	1,203	1,249	1,277	1,199	1,234	1,242	1,301	1,252	1,317	1,318	Manufacture of bolts, screws, nuts and similar threaded products
27	27	27	27	28	28	26	27	27	28	27	29	Manufacture of metal household articles
898	877	796	884	932	753	706	718	755	790	827	787	Manufacture of any other fabricated metal products n.e.c.
138	129	133	148	148	136	143	127	138	132	137	131	Other industry
29,461	27,695	31,948	37,625	29,746	31,083	33,054	31,467	33,932	38,150	34,729	35,461	Manufacture of electronic components and boards
												Manufacture of diodes, transistors and similar semiconductor devices
17,041	15,266	17,765	22,059	16,645	17,740	18,738	18,527	19,540	21,600	19,762	19,548	Manufacture of electronic integrated circuits micro assemblies
												Manufacture of electrical capacitors and resistors
10,224	10,458	12,105	13,582	11,481	11,608	12,609	11,399	12,917	14,837	13,378	14,440	Manufacture of printed circuit boards
												Manufacture of display components
2,196	1,970	2,077	1,985	1,620	1,735	1,706	1,541	1,475	1,713	1,589	1,473	Manufacture of other components for electronic applications
4,965	5,438	5,799	5,757	7,731	6,576	6,483	6,483	6,880	3,893	4,288	3,743	Manufacture of computers and peripheral equipment
2,118	1,866	1,804	1,983	1,685	2,010	2,193	1,991	2,194	2,223	1,908	2,009	Manufacture of communication equipment
3,193	2,627	2,921	3,655	3,120	3,982	4,303	4,382	4,041	4,084	4,760	4,073	Manufacture of consumer electronics
2,249	2,145	1,901	2,077	1,724	1,874	1,998	2,011	1,997	2,254	2,330	2,276	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
												Manufacture of measuring, testing, navigating and control equipment
2,061	1,938	1,716	1,910	1,544	1,687	1,810	1,807	1,791	2,035	2,082	2,034	Manufacture of industrial process control equipment
188	207	185	167	180	187	189	205	206	219	248	242	Manufacture of watches and clocks and parts
504	565	543	512	465	492	425	442	515	502	579	564	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

1.4a

: Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
: Sales Value of Manufacturing Sector by Group

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	2,794	3,197	832	697	762
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	19,166	19,641	4,384	4,634	5,461
27101	Pembuatan motor elektrik, penjana dan transformer	5,224	5,418	1,193	1,217	1,569
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	13,941	14,223	3,190	3,416	3,892
272/ 27200	Pembuatan bateri dan akumulator	6,421	7,174	1,515	1,714	2,143
273	Pembuatan pendawaian dan peranti pendawaian	9,713	9,542	2,271	2,349	2,484
27310	Pembuatan kabel gentian optikal	450	416	108	113	102
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	8,681	8,501	2,007	2,068	2,234
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	581	625	157	168	148
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1,789	2,156	469	451	622
275/ 27500	Pembuatan perkakasan domestik	11,454	11,678	2,911	2,937	3,126
279/ 27900	Pembuatan kelengkapan elektrik lain	9,320	8,069	2,009	1,951	2,091
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	44,872	46,555	11,018	11,905	10,866
28120 & 28130	Pembuatan alat-alat kuasa bendalir	2,670	2,559	610	586	602
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	10,653	11,986	2,825	3,135	2,826
28192	Pembuatan jentera pembentukan logam dan alatan mesin					
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	9,379	10,069	2,435	2,703	2,210
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	8,173	7,261	1,670	1,902	1,634
	Industri lain	13,996	14,680	3,478	3,579	3,594
291 (29101 & 29102)	Pembuatan kenderaan bermotor	49,965	51,272	14,386	11,911	11,883
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,423	7,567	1,566	1,655	1,883
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	42,867	45,153	11,137	10,842	11,905
301 (30110 & 30120)	Pembinaan kapal dan bot	5,777	5,975	1,473	1,489	1,223
302, 303, 304 & 309	Pembuatan lokomotif keretapi, <i>rolling stock</i> , kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	10,269	10,390	2,680	2,565	2,476
30910	Pembuatan motosikal	2,722	3,000	787	747	718
30920	Pembuatan basikal dan <i>invalid carriages</i>	2,327	2,307	562	580	542
	Industri lain	5,220	5,083	1,331	1,238	1,217
310	Pembuatan perabot	17,130	18,569	5,326	4,159	3,926
31001	Pembuatan perabot kayu dan rotan	8,542	9,468	2,782	2,098	2,006
	Industri lain	8,588	9,101	2,544	2,062	1,920
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	5,573	6,665	1,473	1,786	1,718
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	6,956	6,348	1,584	1,730	1,554
32901	Pembuatan alat tulis	1,611	1,695	383	446	454
	Industri lain	5,345	4,653	1,201	1,284	1,100
323/ 32300	Pembuatan barangan sukan	244	234	67	66	49
324/ 32400	Pembuatan permainan dan mainan	542	624	124	174	176
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6,163	6,454	1,706	1,485	1,492
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	2,289	2,623	663	599	611
	Industri lain	3,874	3,831	1,044	886	881
Jumlah Pembuatan		1,804,035	1,886,549	457,326	464,219	483,215

(RM Juta/million)						
2025		2024			2025	
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Group Description/Period
907	887	904	1,014	2,902	3,634	Manufacture of optical instruments, photographic equipment, magnetic and optical media
5,162	4,455	4,835	5,432	18,018	18,319	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1,438	1,108	1,205	1,292	4,982	4,537	Manufacture of electric motors, generators and transformers
3,724	3,347	3,630	4,140	13,037	13,782	Manufacture of electricity distribution and control apparatus
1,802	2,054	2,277	2,627	6,606	8,546	Manufacture of batteries and accumulators
2,438	2,186	2,404	2,669	8,767	9,094	Manufacture of wiring and wiring devices
92	80	83	93	383	313	Manufacture of fibre optic cables
2,194	1,941	2,155	2,413	7,808	8,170	Manufacture of other electronic and electric wires and cables
152	165	166	163	575	611	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
614	550	546	717	1,954	2,266	Manufacture of electric lighting equipment
2,703	2,798	2,772	3,191	10,798	10,727	Manufacture of domestic appliances
2,019	1,979	1,842	2,122	7,367	7,493	Manufacture of other electrical equipment
12,766	11,908	13,009	11,670	42,073	45,616	Manufacture of general-purpose and special-purpose machinery
						Manufacture of fluid power equipment
762	603	640	561	2,283	2,258	Manufacture of other pumps, compressors, taps and valves
						Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
3,200	3,216	3,482	3,105	10,845	12,193	Manufacture of metal-forming machinery and machine tools
						Manufacture of air-conditioning machines, including for motor vehicles
2,720	2,582	2,793	2,050	9,104	9,128	Manufacture of other special-purpose machinery n.e.c.
2,055	1,660	1,931	1,718	6,529	6,667	Other industry
4,030	3,848	4,162	4,236	13,311	15,370	
13,093	10,700	10,183	10,981	46,915	40,176	Manufacture of motor vehicles
2,463	2,036	2,009	2,381	6,775	8,313	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
11,268	10,116	10,817	12,581	41,428	41,190	Manufacture of parts and accessories for motor vehicles
1,791	1,779	1,684	1,555	5,372	6,471	Building of ships and boats
2,669	2,417	2,375	2,232	9,535	8,673	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
749	798	818	782	2,750	2,911	Manufacture of motorcycles
623	543	536	429	2,103	1,846	Manufacture of bicycles and invalid carriages
1,297	1,076	1,020	1,020	4,682	3,916	Other industry
5,157	5,539	4,322	4,101	16,795	17,462	Manufacture of furniture
2,583	2,945	2,227	2,072	8,563	8,948	Manufacture of wooden and cane furniture
2,575	2,594	2,095	2,029	8,232	8,514	Other industry
1,689	1,667	1,847	1,857	6,098	6,599	Manufacture of jewellery, bijouterie and related articles
1,479	1,562	1,835	1,658	5,848	6,059	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
412	418	457	430	1,555	1,591	Manufacture of stationery
1,068	1,144	1,377	1,228	4,292	4,468	Other industry
52	63	67	61	215	236	Manufacture of sports goods
151	142	165	189	578	634	Manufacture of games and toys
1,770	1,812	1,600	1,567	5,878	6,222	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
750	772	685	754	2,377	2,839	Repair and maintenance of transport equipment except motorcycles and bicycles
1,020	1,040	915	814	3,501	3,382	Other industry
481,788	475,568	480,202	500,078	1,728,159	1,796,789	Total Manufacturing

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : Sales Value of Manufacturing Sector by Group (cont.)

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024										
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	281	263	287	239	239	218	246	258	257	308	304
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1,545	1,391	1,448	1,536	1,574	1,524	1,715	1,840	1,906	1,859	1,681
	27101 Pembuatan motor elektrik, penjana dan transformer	431	379	384	406	409	402	464	542	564	548	454
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	1,114	1,012	1,064	1,129	1,165	1,122	1,252	1,298	1,342	1,311	1,227
272/ 27200	Pembuatan bateri dan akumulator	544	483	488	536	591	587	681	692	770	629	605
273	Pembuatan pendawaian dan peranti pendawaian	829	728	715	757	836	755	816	822	846	850	813
	27310 Pembuatan kabel gentian optikal	38	36	34	36	39	37	32	40	30	30	30
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	736	641	629	667	737	663	736	731	767	769	731
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	54	51	51	54	60	55	48	51	49	51	52
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	167	154	148	146	161	144	183	222	218	215	197
275/ 27500	Pembuatan perkakasan domestik	953	948	1,010	1,007	939	991	1,001	1,111	1,014	927	895
279/ 27900	Pembuatan kelengkapan elektrik lain	735	619	655	605	663	682	674	709	708	684	632
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	3,813	3,584	3,621	4,056	3,960	3,889	3,509	3,667	3,689	3,885	4,398
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	230	210	169	189	193	203	181	203	218	216	270
	28180 & 28192 Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	961	914	949	1,059	1,028	1,049	950	957	918	956	1,103
	28220 Pembuatan jentera pembentukan logam dan alatan mesin											
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	845	796	794	920	931	852	668	790	753	833	922
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	585 1,191	515 1,148	570 1,138	693 1,195	626 1,183	584 1,201	539 1,171	496 1,222	599 1,201	610 1,270	714 1,391
291 (29101 & 29102)	Pembuatan kenderaan bermotor	5,504	4,540	4,342	4,070	4,531	3,309	4,167	4,314	3,402	4,385	4,351
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	523	458	586	520	544	591	648	598	636	799	872
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	3,851	3,720	3,566	3,602	4,082	3,158	4,129	4,102	3,674	3,640	3,903
301 (30110 & 30120)	Pembinaan kapal dan bot	446	458	569	616	459	415	391	381	451	569	618
302, 303, 304 & 309	Pembuatan lokomotif keretapi, <i>rolling stock</i> , kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	928	830	922	870	843	852	818	821	838	896	919
	30910 Pembuatan motosikal	290	249	248	247	253	247	256	241	220	233	266
	30920 Pembuatan basikal dan <i>invalid carriages</i>	201	166	195	188	193	199	175	187	180	202	217
	Industri lain	437	415	479	434	398	406	388	392	437	461	435
310	Pembuatan perabot	1,794	1,652	1,880	1,523	1,528	1,107	1,168	1,267	1,490	1,644	1,740
	31001 Pembuatan perabot kayu dan rotan	896	868	1,019	783	767	547	590	681	735	798	879
	Industri lain	898	784	862	740	762	560	578	587	755	845	860
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	531	457	485	581	599	606	552	552	615	546	576
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	531	533	520	579	623	529	516	506	532	479	500
	32901 Pembuatan alat tulis	129	121	133	147	149	150	156	155	143	142	130
	Industri lain	402	412	387	431	474	379	360	350	389	338	370
323/ 32300	Pembuatan barangan sukan	23	21	23	26	22	17	17	17	16	15	18
324/ 32400	Pembuatan permainan dan mainan	38	38	48	52	65	57	59	60	58	55	50
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	548	527	632	610	432	444	426	473	593	584	610
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	203	200	260	263	168	169	162	191	258	240	264
	Industri lain	345	327	372	347	264	275	264	282	335	344	346
Jumlah Pembuatan		152,704	146,191	158,431	153,227	154,897	156,094	157,060	163,893	162,262	161,428	161,971

2025												Group Description/Period
Dis.	Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
295	301	284	302	273	342	289	316	343	355	398	431	Manufacture of optical instruments, photographic equipment, magnetic and optical media
1,623	1,547	1,423	1,484	1,580	1,657	1,598	1,722	1,749	1,962	1,853	1,744	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
437	388	359	361	384	416	405	419	386	487	471	461	Manufacture of electric motors, generators and transformers
1,186	1,159	1,065	1,123	1,196	1,240	1,193	1,302	1,363	1,475	1,382	1,283	Manufacture of electricity distribution and control apparatus
568	728	670	657	727	792	759	787	843	996	827	761	Manufacture of batteries and accumulators
775	781	703	702	758	831	815	892	852	925	933	902	Manufacture of wiring and wiring devices
32	29	26	25	27	29	28	29	35	29	28	28	Manufacture of fibre optic cables
693	695	623	623	675	747	733	810	763	840	846	815	Manufacture of other electronic and electric wires and cables
50	57	53	55	57	55	54	53	54	56	58	59	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
202	184	187	179	178	194	174	220	250	247	232	221	Manufacture of electric lighting equipment
881	926	935	936	945	849	978	986	1,090	1,114	1,031	936	Manufacture of domestic appliances
703	727	605	646	598	615	629	632	719	772	769	780	Manufacture of other electrical equipment
4,483	4,157	3,965	3,786	4,443	4,267	4,299	3,943	3,847	3,880	4,264	4,766	Manufacture of general-purpose and special-purpose machinery
												Manufacture of fluid power equipment
276	221	189	193	212	216	212	197	164	200	208	246	Manufacture of other pumps, compressors, taps and valves
												Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
1,142	1,070	1,131	1,014	1,168	1,133	1,182	1,078	1,022	1,005	1,119	1,272	Manufacture of metal-forming machinery and machine tools
												Manufacture of air-conditioning machines, including for motor vehicles
965	922	858	803	1,003	903	887	688	671	690	805	898	Manufacture of other special-purpose machinery n.e.c.
731	636	509	514	684	617	630	605	543	570	641	717	Other industry
1,369	1,308	1,278	1,261	1,376	1,398	1,388	1,375	1,446	1,414	1,492	1,633	
4,357	3,813	3,534	3,352	3,538	3,692	2,953	3,831	3,831	3,319	4,083	4,230	Manufacture of motor vehicles
792	848	551	637	649	656	704	817	768	795	902	985	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
3,725	3,478	3,391	3,246	3,495	3,834	3,488	4,439	4,245	3,897	3,696	3,981	Manufacture of parts and accessories for motor vehicles
603	598	561	620	637	514	532	498	476	580	701	752	Building of ships and boats
854	793	749	876	828	803	744	716	750	766	832	818	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
250	248	240	310	273	282	264	275	263	244	260	253	Manufacture of motorcycles
203	197	169	177	187	188	160	131	149	149	170	168	Manufacture of bicycles and invalid carriages
401	348	339	389	368	333	320	311	337	373	402	398	Other industry
1,774	1,818	1,750	1,971	1,565	1,578	1,180	1,257	1,301	1,543	1,712	1,788	Manufacture of furniture
905	942	930	1,073	815	817	594	656	671	745	811	892	Manufacture of wooden and cane furniture
869	876	820	898	750	760	585	600	630	798	901	895	Other industry
567	621	535	511	603	617	626	585	599	673	596	633	Manufacture of jewellery, bijouterie and related articles
500	505	507	550	614	653	568	552	534	572	492	513	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
139	139	134	145	155	156	147	142	142	146	144	142	Manufacture of stationery
360	366	373	405	460	497	421	410	392	426	349	370	Other industry
19	21	21	22	24	20	22	21	20	20	23	23	Manufacture of sports goods
46	47	45	49	54	57	55	61	67	61	71	67	Manufacture of games and toys
576	574	557	681	663	471	466	452	494	621	609	633	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
246	239	231	302	307	186	192	196	226	331	314	315	Repair and maintenance of transport equipment except motorcycles and bicycles
330	335	326	379	356	285	274	256	268	290	295	318	Other industry
158,389	158,095	153,133	164,340	160,415	158,588	161,199	162,529	168,256	169,294	171,559	169,382	Total Manufacturing

2025																	Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	
2.9	6.3	5.3	8.0	10.9	13.2	10.1	11.8	-10.9	-11.0	-15.7	-13.5	-16.7	-14.4	-9.7	-10.8	-17.2	Processing and preserving of meat
0.1	-5.1	-3.7	-2.8	-5.1	-4.4	-0.5	-1.9	9.9	8.9	4.9	11.8	4.2	8.7	4.3	2.9	3.7	0.0 Processing and preserving of fish, crustaceans and molluscs
-1.3	-6.6	-5.2	-3.1	-5.8	-5.0	-0.7	-2.4	9.3	7.7	2.9	11.5	3.8	8.6	3.9	2.8	3.4	-0.1 <i>Canning of fish, crustaceans and molluscs</i>
20.8	19.6	21.0	1.0	5.1	3.2	2.7	4.3	16.6	25.8	33.5	15.9	8.9	10.3	8.4	4.0	7.9	1.9 <i>Processing, curing and preserving of fish, crustacean and molluscs</i>
																	0.1 <i>Other industry</i>
4.6	9.0	8.6	1.4	8.0	2.2	5.0	-1.3	6.3	0.4	-0.4	-3.6	1.0	1.0	3.3	5.9	3.3	Processing and preserving of fruits and vegetable
-4.3	6.8	6.7	5.9	7.4	6.7	6.1	-9.2	-9.5	-19.9	-13.6	-26.3	-19.8	-17.6	-23.8	-16.7	-16.4	-21.8 <i>Pineapple canning</i>
7.8	9.7	9.2	0.02	8.2	0.7	4.7	1.1	11.2	7.0	3.6	3.4	7.5	6.8	11.6	13.6	9.9	7.8 <i>Manufacture of jams, marmalades and table jellies</i>
10.9	23.5	23.3	4.6	13.7	15.0	17.0	11.1	18.1	14.7	12.2	14.1	15.9	6.3	8.2	7.8	12.9	6.5 Manufacture of vegetable and animal oils and fats
0.2	2.7	3.5	4.0	7.6	13.8	14.7	15.3	14.7	23.9	38.8	35.3	20.1	14.5	6.8	4.2	17.3	17.4 <i>Manufacture of crude and refined vegetable oil</i>
55.5	60.0	35.5	36.0	27.8	64.0	31.6	29.2	22.1	21.9	20.5	22.4	18.8	19.3	16.6	16.6	17.6	6.8 <i>Manufacture of compound cooking fats</i>
12.1	26.3	26.1	4.5	14.4	14.8	17.1	10.4	18.6	13.1	9.0	11.4	15.3	5.2	8.3	8.2	12.3	5.2 <i>Manufacture of coconut oil</i>
-8.4	-0.1	2.6	2.5	0.6	8.1	11.7	10.8	8.0	7.3	8.1	6.0	14.8	-9.0	-5.9	-2.8	-6.6	-9.4 Manufacture of dairy products
-11.7	-3.2	0.1	-0.3	-1.5	6.3	10.1	10.0	6.1	5.4	5.7	4.9	14.9	-12.0	-7.4	-3.9	-9.3	-11.2 <i>Manufacture of condensed, powdered and evaporated milk</i>
37.6	37.2	34.0	33.8	25.2	29.6	31.7	19.2	28.8	30.0	35.2	16.6	14.5	16.5	7.4	6.5	18.0	9.1 <i>Other industry</i>
15.1	13.6	14.5	13.4	15.1	12.7	12.4	6.2	15.3	13.5	13.8	15.0	9.6	13.8	7.3	7.1	7.3	2.7 Manufacture of grain mill products, starches and starch products
17.2	17.4	18.4	17.8	18.2	15.3	15.4	9.1	19.7	12.1	12.2	12.8	4.6	7.0	-3.2	-4.0	-0.5	-10.2 <i>Rice milling</i>
13.0	10.3	11.0	10.2	13.5	11.2	10.3	4.3	12.6	16.1	16.8	18.4	15.5	22.0	18.8	19.4	15.6	15.2 <i>Flour milling</i>
16.6	8.2	9.1	-4.6	-4.3	-1.6	1.5	-4.4	-4.0	-5.8	-5.2	-5.5	-6.5	-7.1	-7.3	-8.3	-6.0	-5.9 <i>Other industry</i>
10.1	12.1	12.3	12.5	14.4	12.1	14.4	14.7	18.0	15.0	16.5	12.3	13.3	14.4	14.0	12.2	9.3	10.7 Manufacture of other food products
13.8	14.1	11.6	13.4	13.0	0.5	3.3	2.8	8.2	2.2	2.5	6.6	2.1	2.1	1.9	2.0	1.4	-0.1 <i>Manufacture of biscuits and cookies</i>
-3.6	3.4	7.6	20.3	18.9	19.8	25.1	24.0	30.1	23.9	24.9	21.3	26.8	25.2	26.3	27.7	24.5	25.0 <i>Manufacture of bread, cakes and other bakery products</i>
33.9	36.2	19.1	13.0	19.1	7.5	10.6	-3.3	11.6	-6.7	-5.9	-12.2	-11.5	-10.9	-4.0	-4.0	-5.5	-4.2 <i>Manufacture of snack products</i>
3.2	12.3	10.9	8.7	9.8	5.9	5.4	9.5	10.8	10.6	10.9	11.4	10.8	12.4	13.6	10.0	8.9	16.9 <i>Manufacture of sugar</i>
67.1	50.1	70.7	59.3	75.9	74.2	79.2	49.2	51.8	50.5	44.5	6.8	-3.4	2.5	-2.3	-13.0	-26.1	-24.3 <i>Manufacture of cocoa products</i>
7.8	9.2	9.2	5.5	8.4	6.5	10.3	17.5	13.0	9.8	18.0	16.1	23.4	21.5	21.9	20.8	21.1	21.0 <i>Manufacture of chocolate and chocolate products</i>
22.2	11.6	5.8	5.9	7.2	10.5	5.0	0.3	2.3	9.4	4.7	4.4	-12.4	1.9	-0.4	-8.7	-4.0	-10.5 <i>Manufacture of sugar confectionery</i>
4.4	4.4	5.6	5.7	1.9	2.3	1.6	12.3	15.0	19.6	19.8	22.6	21.0	24.3	13.0	13.3	11.6	13.9 <i>Manufacture of sauces and condiments</i>
9.9	10.8	7.3	4.0	6.2	5.7	6.4	3.7	10.3	11.1	9.5	6.7	9.2	10.5	10.9	7.8	4.8	5.9 <i>Manufacture of other food products n.e.c.</i>
-4.6	-3.9	-4.1	-9.1	-9.1	-1.7	3.1	2.7	0.2	0.1	2.3	32.7	38.9	34.4	30.4	29.2	32.0	37.0 Manufacture of prepared animal feeds
11.8	9.4	9.9	8.9	7.2	13.1	16.3	9.1	9.9	10.5	5.6	6.5	9.1	11.8	12.1	15.1	16.1	14.7 Manufacture of beverages
14.3	9.0	14.9	18.9	15.9	17.2	14.7	6.3	19.8	12.8	8.1	8.9	10.3	9.4	9.3	15.0	15.3	13.9 <i>Manufacture of soft drinks</i>
3.0	4.8	-0.9	-3.1	5.4	11.5	19.8	19.6	25.4	19.0	19.3	19.1	21.3	9.1	7.1	11.2	10.9	12.4 <i>Production of natural mineral waters and other bottled waters</i>
10.6	11.9	5.2	-2.4	-6.4	7.0	18.2	10.6	-10.0	4.4	-2.7	-1.0	3.2	17.5	18.7	16.5	19.3	16.9 <i>Other industry</i>
16.3	19.2	6.0	4.2	2.8	1.5	4.3	1.9	1.7	-1.7	-1.2	-2.1	1.9	1.6	2.0	4.8	3.6	5.3 Manufacture of tobacco products
5.9	7.5	5.8	-5.4	0.6	0.9	2.6	-0.1	-1.2	-8.7	-2.1	-2.5	-1.8	-3.6	-5.6	-0.1	-1.9	0.03 Spinning, weaving and finishing of textiles
3.4	4.7	3.2	-5.3	4.7	2.5	2.4	2.7	1.1	-11.2	-2.3	-3.3	-2.7	-4.5	-8.0	-2.9	-6.2	-1.2 <i>Preparation and spinning of textile fibres</i>
14.1	16.9	14.1	-5.4	-9.2	-3.1	3.0	-7.8	-7.0	-1.6	-2.4	-1.3	-0.1	-1.7	0.2	6.2	9.5	3.2 <i>Weaving of textiles</i>
-18.7	-13.0	-17.0	-17.8	3.6	-1.1	14.4	2.8	-5.2	14.5	44.8	43.3	42.8	22.2	21.3	33.4	7.1	7.4 <i>Dyeing, bleaching, printing and finishing of yarns and fabrics</i>
14.9	15.3	13.7	8.3	5.0	6.2	8.5	-5.2	-5.4	-6.1	-1.9	-2.7	-4.1	-1.7	-3.9	-2.9	-0.6	-6.9 Manufacture of other textiles
6.2	12.1	15.0	3.6	-1.8	3.0	4.1	-1.8	-1.4	-0.9	2.3	5.2	2.0	1.8	-0.9	2.8	9.1	-3.8 <i>Manufacture of knitted and crocheted fabrics</i>
20.9	17.3	12.8	11.2	9.1	8.1	11.0	-7.3	-7.8	-9.2	-4.5	-7.5	-7.9	-3.9	-5.8	-6.3	-5.9	-8.6 <i>Other industry</i>
-0.7	8.8	4.3	3.0	2.5	-4.0	-1.1	1.2	3.5	3.2	2.6	-2.3	-3.7	-1.6	-1.1	0.6	-0.3	0.7 Manufacture of wearing apparel, except fur apparel
-4.2	4.8	0.5	0.6	1.0	-7.4	-5.0	-0.7	3.6	3.3	2.1	-3.5	-5.0	-2.7	-2.5	-0.6	-0.4	0.6 <i>Manufacture of clothings</i>
26.9	42.6	37.1	21.5	14.6	22.0	29.7	14.6	3.5	3.1	6.5	4.8	4.1	5.5	7.3	8.5	0.9	0.7 <i>Other industry</i>
6.2	20.1	24.7	1.3	-0.7	-2.0	-3.1	-2.5	-2.5	-7.7	-7.3	-9.1	-0.8	-6.2	-1.2	1.1	-4.1	2.1 Manufacture of articles of fur, knitted and crocheted apparel
3.4	7.8	15.1	15.0	14.2	13.2	18.4	17.7	12.5	10.6	11.2	10.5	9.6	10.1	7.4	8.3	5.9	6.6 <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>
2.9	-4.6	-10.7	-10.7	-16.4	-12.2	-11.7	-16.1	-5.0	-7.1	5.6	6.2	3.0	2.7	-0.4	2.5	5.7	5.5 Manufacture of footwear
7.1	-0.8	-4.8	-7.4	-12.3	-6.6	-7.6	-11.1	2.3	-5.6	13.1	13.3	8.5	5.1	-1.4	2.6	6.9	7.7 <i>Manufacture of leather footwear</i>
-4.9	-11.9	-22.4	-17.6	-24.9	-24.2	-20.5	-26.8	-19.3	-10.3	-8.2	-7.1	-8.7	-2.6	1.9	2.3	2.8	-0.3 <i>Manufacture of rubber footwear</i>
-6.5	-6.7	-8.4	-8.5	-9.9	-9.0	-6.0	-10.6	0.4	-5.0	-1.8	-3.0	-2.7	-3.2	-0.2	9.0	10.0	8.1 <i>Other industry</i>
																	Sawmilling and planning of wood

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Sales Value of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh			2024				2025				2024	2025	2024				
		2023	2024															
				Q1	Q2	Q3	Q4	Q1	Q2	Q3		(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-5.8	4.8	1.3	6.6	9.1	4.1	0.7	-1.2	-1.0	4.8	-0.9	0.7	-1.5	4.6	5.7	5.3	
16211	Pembuatan kepingan venier dan papan lapis	1.2	5.4	2.7	6.8	7.3	5.8	6.0	1.6	-0.5	5.1	1.6	1.0	1.4	5.8	6.1	6.3	
16212	Pembuatan papan partikel dan papan gentian	-13.1	6.0	1.0	4.7	13.1	7.0	-4.2	-4.6	-3.0	6.3	-5.0	5.0	-5.7	3.4	4.0	2.3	
16221	Pertukangan kayu untuk jurubina	-5.6	4.3	-0.1	7.5	11.0	1.8	0.7	-3.4	3.0	4.0	2.2	-9.0	2.2	7.5	7.7	6.7	
	Industri lain	-15.5	-0.9	-3.7	10.1	4.0	-11.0	-15.2	-2.5	-1.8	-0.1	-5.8	-0.5	-9.1	-1.6	6.4	8.1	
170	Pembuatan kertas dan produk kertas	5.7	0.9	2.0	1.5	1.1	-1.0	-1.4	-2.5	-2.2	1.0	-2.1	6.7	1.3	-1.7	1.1	0.8	
17010	Pembuatan pulpa, kertas dan kertas tebal	-3.8	4.6	1.5	9.9	7.6	-0.1	2.2	1.7	1.5	4.8	1.8	1.8	1.2	1.6	4.6	5.2	
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-3.5	-4.3	-8.5	-4.1	1.4	-5.7	-3.4	-4.5	-10.1	-4.3	-5.7	-0.6	-13.2	-11.5	-6.4	-7.4	
17091	Pembuatan sampul surat dan kad surat	0.3	-2.1	-14.6	-3.8	0.0	12.1	8.3	0.8	0.4	-3.2	-0.01	-18.1	-9.2	-15.7	-1.7	-2.0	
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	13.2	-6.5	1.1	-5.5	-12.6	-9.2	-6.3	-8.7	-7.1	-6.2	-8.4	2.9	1.5	-0.9	-0.7	-3.0	
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19.0	5.8	16.7	0.8	-3.1	9.4	-3.5	-4.1	8.6	5.2	0.04	24.8	25.6	2.2	5.5	5.7	
	Industri lain	41.1	24.5	31.7	25.7	25.8	16.4	10.0	9.3	10.2	25.3	10.8	40.9	27.3	27.7	22.4	24.9	
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	6.0	6.7	3.6	7.4	9.3	7.0	6.7	7.3	7.4	6.7	7.3	4.7	2.5	3.5	7.6	5.9	
18110	Percetakan	3.6	12.5	9.9	13.9	15.0	11.6	11.5	10.9	9.9	12.7	10.8	11.7	9.0	9.1	13.3	12.3	
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan	15.1	-14.0	-16.6	-15.2	-12.6	-11.2	-13.3	-9.4	-5.1	-14.4	-9.2	-16.4	-17.4	-15.9	-12.5	-15.8	
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.1	-7.2	-12.9	-7.2	-3.9	-4.8	-6.0	-8.8	-3.4	-7.5	-5.7	-21.0	-8.8	-6.7	-5.2	-17.6	
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	-8.0	-0.01	-8.1	3.3	4.0	1.7	7.4	0.4	-2.1	-0.6	1.7	-5.0	-9.1	-10.0	6.6	1.5	
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-16.2	23.3	-15.2	32.3	49.3	40.8	51.1	25.9	9.6	20.3	23.6	-27.3	-19.5	5.1	28.2	25.6	
20112 & 20113	Pembuatan kimia organik asas	-11.6	3.2	-9.8	9.3	8.1	8.1	10.7	-1.2	-0.2	2.3	2.6	-7.5	-9.9	-12.0	14.0	11.8	
20121 & 20129	Pembuatan sebatian bukan organik	-18.4	-26.7	-35.8	-24.9	-23.8	-19.2	6.9	3.5	4.2	-27.8	6.6	-40.2	-40.1	-27.1	-27.3	-33.6	
20131	Pembuatan produk campuran nitrogen	2.1	-2.0	2.6	-1.3	-0.6	-8.8	-6.3	-14.0	-20.7	-1.7	-15.0	10.6	1.4	-3.6	2.3	-6.7	
	Pembuatan plastik dalam bentuk primer	-8.2	4.3	-6.9	4.3	9.2	12.0	29.3	56.5	52.9	3.4	51.2	-0.7	-9.6	-10.6	3.1	4.4	
	Industri lain																	
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	17.8	6.5	13.6	9.3	5.4	-1.5	-4.6	-3.5	-3.5	7.7	-2.9	22.9	9.0	8.9	15.4	7.5	
20210	Pembuatan racun perosak dan produk agrokimia lain	23.6	-8.4	4.1	-2.6	-14.3	-19.9	-19.7	-17.2	-20.4	-7.8	-19.1	3.2	12.3	-2.5	-1.6	2.8	
20221	Pembuatan cat, varnis dan penyadur dan mastik	34.7	15.4	38.0	18.2	7.8	1.1	-11.0	-13.8	-12.2	18.1	-11.1	54.3	30.6	30.5	33.0	14.7	
20222	Pembuatan dakwat cetak	-3.6	7.5	7.2	5.6	9.5	7.7	-7.3	0.2	5.3	7.9	0.3	9.1	1.5	10.9	18.2	5.8	
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilap	10.6	0.7	5.6	2.1	3.0	-7.9	-6.9	-4.2	-6.7	1.9	-5.3	23.7	-1.0	-4.8	7.1	-1.9	
20291 & 20292	Pembuatan pewangi dan penyediaan dandanan diri																	
20292 & 20299	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	9.7	12.9	1.1	17.3	18.0	16.0	21.5	22.3	24.9	12.2	23.5	-2.1	-2.7	8.9	16.6	17.0	
	Pembuatan dakwat menulis dan melukis																	
	Pembuatan produk kimia lain t.t.t.l.	4.9	-6.6	-12.4	-7.8	10.9	-14.0	-0.5	5.2	-18.2	-5.5	-7.4	-8.2	-10.5	-18.2	-24.5	-3.7	
	Industri lain																	
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	5.2	5.6	5.4	6.8	6.3	4.1	5.9	8.5	9.4	5.6	9.0	3.3	6.5	6.3	7.4	3.0	
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	4.5	3.8	4.8	6.7	3.9	-0.1	5.3	6.9	10.4	4.1	9.8	1.5	5.9	6.8	7.7	2.4	
	Industri lain	8.5	14.0	8.4	7.0	17.0	23.0	8.4	16.2	5.4	12.7	5.5	11.8	9.4	4.2	6.2	6.1	
221	Pembuatan produk getah	-9.1	7.7	4.4	5.6	10.5	10.7	8.2	2.8	0.7	7.4	2.8	7.2	5.1	1.7	6.5	5.2	
22111	Pembuatan tayar getah untuk kenderaan	-38.1	-13.2	-31.4	-12.9	-8.1	5.6	3.9	-4.8	10.7	-14.6	3.8	-30.5	-30.9	-32.7	-18.1	-9.9	
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	27.1	7.4	4.7	6.3	12.8	5.8	12.7	13.5	11.0	7.3	12.6	23.3	-4.9	-1.1	5.0	5.9	
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-16.9	11.9	7.0	12.0	20.2	8.9	-3.6	-4.3	0.5	12.0	-1.4	8.4	6.3	6.2	14.2	12.5	
22192	Pengilangan semula getah dan prosesan susu getah																	
22192	Pembuatan sarung tangan getah	-5.8	8.4	5.6	5.2	10.5	13.1	11.5	4.6	1.5	8.0	4.3	8.2	7.4	2.6	6.6	4.4	
22199	Pembuatan produk getah lain yang t.t.t.l.	-9.5	7.6	10.8	11.7	8.5	-0.1	-2.2	-3.7	-9.0	8.5	-5.9	16.6	9.0	6.8	9.5	11.7	
222	Pembuatan produk plastik	-0.6	5.4	5.4	6.1	5.2	5.0	1.7	-3.0	-4.6	5.7	-2.9	8.8	4.7	3.0	8.3	5.2	
22201 & 22202	Pembuatan produk plastik separa siap	-5.3	-1.0	-2.6	-2.3	-2.3	3.5	1.7	-3.8	-4.0	-1.2	-3.4	2.0	-6.4	-3.2	0.3	-3.0	
22202	Pembuatan produk plastik siap																	
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-1.9	8.4	6.7	11.6	10.3	4.9	0.4	-3.2	-2.7	9.1	-1.6	7.3	6.6	6.2	13.3	10.6	
22204	Pembuatan barangan plastik jurubina	41.2	10.7	23.4	6.9	6.5	9.0	8.3	11.9	1.0	10.9	4.8	53.5	19.8	7.5	6.6	6.2	
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7.9	-0.02	-2.0	-6.7	3.0	6.6	2.7	-6.7	-8.2	-0.3	-4.3	0.7	4.0	-9.1	-3.9	-7.0	
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.6	10.0	13.4	16.0	6.9	5.0	1.8	-3.3	-7.8	10.9	-5.2	16.2	12.5	11.5	18.2	14.1	
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-3.3	2.8	4.6	3.7	6.2	-3.3	-3.1	5.0	6.1	3.5	4.8	6.8	6.9	0.3	5.1	1.7	

2025																		Group Description/Period
Jun	Jul	Ogo	Sep	Okt	Nov	Dis	Jan	Feb	Mac	Apr	Mei	Jun	Jul	Ogo	Sep	Okt	Nov	
9.4	15.6	7.1	6.7	3.8	3.6	5.1	2.1	0.8	-0.8	1.5	-2.1	-3.9	-3.1	4.5	-4.3	-3.6	-2.6	Manufacture of products of wood, cork, straw and plaiting materials
8.3	11.8	6.4	5.5	4.8	4.7	8.1	8.8	5.4	3.9	6.9	-1.0	-3.5	-3.6	7.2	-5.2	-5.1	-0.8	Manufacture of veneer sheets and plywood
8.6	19.6	10.8	11.1	8.9	8.5	3.6	-3.6	-3.7	-5.2	-5.3	-4.2	-4.0	-4.5	4.5	-8.4	-8.1	-10.4	Manufacture of particle board and fibreboard
7.9	12.8	10.5	10.1	-1.0	-0.9	7.7	4.8	-1.4	-1.1	-2.6	-2.3	-5.8	1.2	-2.0	9.6	12.5	7.2	Manufacture of builders' carpentry
17.4	24.9	-3.4	-3.9	-11.5	-11.8	-9.7	-20.9	-10.1	-14.0	-2.4	-1.5	-3.7	-1.9	-0.6	-2.8	1.1	-0.01	Other industry
2.7	6.8	0.5	-3.5	-4.1	0.7	0.4	-1.9	-1.1	-1.3	-0.9	-2.8	-3.9	-2.6	-3.3	-0.9	-0.7	-3.6	Manufacture of paper and paper products
21.2	24.5	4.3	-3.5	-6.9	4.2	2.4	1.4	1.9	3.3	4.0	0.6	0.7	0.6	0.4	3.6	4.4	-1.0	Manufacture of pulp, paper and paperboard
1.9	8.7	3.2	-6.9	-9.2	-3.1	-4.7	-8.6	3.3	-4.0	-1.4	-4.5	-7.6	-8.8	-12.7	-8.7	-3.5	-4.9	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-7.8	-10.3	4.6	5.6	9.3	16.2	10.9	9.8	6.9	7.9	3.7	-5.2	3.8	20.6	-9.1	-7.4	-12.2	-13.1	Manufacture of envelopes and letter-card
-13.5	-11.2	-15.8	-10.6	-9.2	-9.3	-9.0	-3.3	-7.6	-7.8	-7.4	-9.4	-9.6	-9.5	-6.0	-5.7	-13.3	-13.9	Manufacture of household and personal hygiene paper
-8.3	-10.0	0.2	0.6	3.9	11.6	12.7	-1.4	-12.8	4.5	-2.4	-3.1	-7.0	12.8	7.1	6.3	3.7	-3.2	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
29.7	35.9	23.3	18.6	19.7	13.2	16.5	13.7	11.0	5.4	8.8	8.9	10.2	3.7	12.0	15.3	15.8	14.2	Other industry
8.7	13.4	7.5	7.0	6.7	7.3	7.0	6.7	7.3	6.1	6.7	7.9	7.3	5.3	7.7	9.3	9.8	6.4	Printing, service activities related to printing and reproduction of recorded media
16.1	19.5	12.8	12.8	13.6	10.3	11.2	11.9	12.1	10.4	11.4	11.3	10.1	8.6	10.4	10.7	10.7	11.5	Printing
-17.4	-9.3	-12.1	-16.5	-19.5	-4.9	-9.8	-14.4	-12.4	-13.0	-14.4	-7.2	-6.1	-10.6	-5.5	1.8	5.1	-18.3	Service activities related to printing
																		Reproduction of recorded media
1.6	4.8	-7.5	-8.5	-7.0	-4.4	-2.4	-2.1	-6.7	-9.4	-8.6	-9.9	-8.1	-6.4	-2.7	-0.8	-3.2	-5.3	Manufacture of refined petroleum products
1.9	7.1	3.3	1.8	-2.2	0.4	6.8	10.7	4.1	7.2	5.1	-2.4	-1.7	-2.3	-3.2	-0.6	0.7	0.2	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
44.8	47.0	44.4	57.3	32.9	33.2	56.0	46.8	52.0	54.0	43.5	17.0	17.3	-1.9	15.1	16.0	23.2	-4.5	Manufacture of liquefied or compressed inorganic industrial or medical gases
																		Manufacture of basic organic chemicals
1.8	11.6	6.2	6.9	3.8	6.4	13.5	21.1	1.4	9.5	3.3	-4.5	-3.1	-1.6	-0.3	1.4	1.3	-0.7	Manufacture of inorganic compounds
																		Manufacture of fertilizers
-10.5	-15.8	-27.5	-27.6	-26.9	-18.5	-11.1	3.3	15.0	3.6	5.0	1.8	3.7	3.3	2.2	7.4	23.3	6.9	Manufacture of associated nitrogen products
0.9	0.5	2.5	-5.1	-9.9	-10.7	-5.7	-6.5	-4.0	-8.1	-8.2	-17.0	-16.6	-16.5	-23.9	-21.4	-24.1	-19.2	Manufacture of plastics in primary forms
5.3	14.6	3.3	10.3	6.9	14.8	14.6	9.6	34.9	45.6	55.1	57.2	57.1	46.1	56.2	56.9	70.1	74.7	Other industry
5.6	7.0	5.3	3.9	0.8	0.4	-5.6	-11.8	3.1	-4.0	-3.6	-2.8	-4.0	-2.6	-3.9	-3.9	2.1	0.8	Manufacture of other chemical products and man-made fibres
-8.2	-10.8	-17.4	-14.5	-20.8	-22.5	-16.0	-20.0	-18.9	-20.2	-20.1	-14.1	-17.3	-17.9	-22.3	-21.0	-22.1	-16.2	Manufacture of pesticides and other agrochemical products
9.0	13.0	5.7	5.1	5.5	9.7	-11.2	-18.2	0.2	-13.4	-13.9	-14.0	-13.5	-14.2	-12.7	-9.7	0.2	-10.3	Manufacture of paints, varnishes and similar coatings ink and mastics
-6.6	10.8	9.4	8.2	19.3	2.6	2.9	-13.4	-4.1	-4.0	-7.1	-1.0	10.3	2.4	7.2	6.6	5.8	4.2	Manufacture of printing ink
																		Manufacture of soap and detergents, cleaning and polishing preparations
1.8	2.2	5.7	0.9	-4.1	-8.0	-11.3	-15.5	-0.7	-2.4	-4.0	-1.8	-6.8	-4.7	-9.1	-6.2	-2.3	-1.9	Manufacture of perfumes and toilet preparations
																		Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
18.2	18.6	17.7	17.6	13.3	14.6	20.2	12.6	31.7	21.7	22.9	21.3	22.8	29.5	30.1	16.3	23.5	28.1	Manufacture of writing and drawing ink
																		Manufacture of other chemical products n.e.c.
8.9	-1.2	27.6	10.5	-4.8	-19.3	-16.6	-1.3	-1.9	1.8	36.0	-9.0	-8.1	-12.3	-19.7	-21.9	-24.8	-7.5	Other industry
9.4	8.7	5.4	4.9	1.7	4.6	6.1	3.4	7.2	6.9	7.5	10.0	8.2	8.8	9.1	10.2	14.7	12.8	Manufacture of pharmaceuticals, medicinal chemical and botanical products
9.6	9.0	0.4	2.3	-2.1	0.9	1.0	3.6	7.1	5.2	4.0	8.9	8.1	8.7	8.5	14.1	22.0	18.8	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8.4	7.6	27.3	16.1	18.1	22.3	29.3	2.7	7.8	14.7	26.2	15.1	8.5	9.6	11.3	-4.6	-11.2	-10.7	Other industry
5.0	10.1	11.6	9.8	12.3	9.1	10.7	8.9	8.4	7.5	4.5	2.5	1.2	3.9	-1.6	-0.4	-1.1	-3.0	Manufacture of rubber products
-10.9	-11.4	-6.2	-6.3	0.5	10.1	7.1	7.1	2.6	1.9	2.9	-13.7	-2.5	9.8	10.5	12.0	7.6	5.9	Manufacture of rubber tyres for vehicles
7.8	19.9	16.0	3.7	3.8	5.0	8.8	9.4	19.7	9.7	13.3	11.7	15.5	6.5	11.3	15.2	21.3	5.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
																		Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
9.2	20.6	22.6	17.5	6.5	9.2	10.9	-4.3	-4.8	-1.8	-2.5	-9.0	-1.3	-1.6	-1.3	4.6	2.7	3.2	Rubber remilling and latex processing
4.3	10.1	11.4	10.1	15.5	10.6	13.0	12.8	12.0	10.0	5.9	5.0	2.6	5.5	-1.4	-0.2	-1.6	-3.5	Manufacture of rubber gloves
13.9	7.8	9.6	8.1	2.2	-0.6	-1.8	-1.8	-1.9	-2.8	-1.8	-1.2	-7.9	-5.1	-9.3	-12.8	-8.6	-11.6	Manufacture of other rubber products n.e.c.
4.8	6.0	5.1	4.6	6.3	6.5	2.2	2.0	1.8	1.4	1.5	-5.2	-5.6	-6.3	-5.1	-2.5	-1.6	-10.7	Manufacture of plastics products
																		Manufacture of semi-manufactures of plastic products
-3.9	-1.4	-1.3	-4.3	1.6	7.3	1.8	2.5	2.9	-0.02	-2.0	-4.8	-4.6	-5.4	-3.7	-2.9	-2.9	-15.3	Manufacture of finished plastic products
10.8	10.9	9.6	10.4	9.3	4.2	1.3	1.2	0.1	-0.03	2.4	-6.0	-5.9	-4.8	-3.3	0.1	2.4	-2.7	Manufacture of plastic articles for the packing of goods
7.9	8.9	5.0	5.7	8.9	9.0	9.2	9.0	9.2	6.9	16.1	10.0	9.4	-1.9	1.5	3.4	2.5	-8.2	Manufacture of builders' plastics ware
-9.2	3.2	2.9	2.8	6.4	10.1	3.3	2.1	2.4	3.7	-5.4	-7.6	-7.3	-9.1	-9.2	-6.0	-3.7	-3.6	Manufacture of plastic tableware, kitchenware and toilet articles
15.8	7.7	6.6	6.4	6.3	6.8	2.0	1.2	1.5	2.6	4.4	-6.5	-8.9	-9.1	-8.4	-5.8	-6.1	-20.8	Manufacture of diverse plastic products n.e.c.
4.5	14.0	1.1	3.0	0.6	-5.3	-4.4	-9.8	-2.5	3.3	6.1	3.9	5.1	0.8	6.7	11.9	17.4	15.7	Manufacture of glass and glass products

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Sales Value of Manufacturing Sector by Group: Annual Percentage Change

1.4b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024			2025			2024		2025		2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	8.4	6.6	7.9	8.5	7.3	3.0	2.7	2.9	-0.8	7.0	1.1	12.7	3.9	7.2	10.2	8.0
23911 & 23921	Pembuatan mortar refraktori dan konkrit	7.9	3.4	5.2	-0.1	1.7	6.5	10.4	9.2	8.3	2.5	8.3	13.5	1.5	1.0	1.2	-0.01
23930	Pembuatan produk porselin dan seramik lain	-7.0	-6.4	-13.5	-1.3	1.3	-11.3	-6.4	-14.7	-17.4	-5.8	-12.9	-15.0	-14.1	-11.1	-2.5	-3.3
23941	Pembuatan simen hidrolik	12.4	2.2	2.7	3.9	2.1	0.1	-0.1	-5.4	-6.0	2.2	-4.4	2.7	0.1	5.0	5.5	3.5
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	9.1	3.8	5.2	4.2	5.4	0.3	1.9	-0.4	-4.8	4.3	-1.5	9.1	0.8	5.7	10.4	1.3
23952 & 23953	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;	7.3	13.0	17.1	15.4	12.3	7.3	5.7	9.3	4.6	13.7	5.7	27.0	11.5	13.3	17.7	13.8
23959	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan																
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.																
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	4.7	10.3	7.1	19.8	14.5	1.2	-3.6	4.1	1.2	11.2	2.9	9.6	1.0	11.1	11.0	29.1
	Industri lain	8.9	-6.2	-9.7	-13.5	-2.1	1.5	7.3	11.1	-12.2	-7.1	-1.4	-5.0	-3.6	-19.8	-10.6	-13.5
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	6.7	7.0	7.2	11.2	7.8	3.1	0.4	6.8	4.3	7.8	3.6	5.9	7.9	7.7	14.7	11.0
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1.0	4.4	-0.4	9.8	7.9	1.9	9.6	3.9	6.4	4.3	7.1	1.3	-3.2	0.8	5.1	7.5
243	Pengacuan logam	7.6	10.9	20.0	12.9	7.4	4.3	-2.4	0.4	12.9	11.5	3.5	23.1	18.1	18.8	28.1	13.6
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	11.6	4.7	11.4	8.8	0.6	-2.1	-1.9	-2.5	-0.8	5.3	-1.3	10.4	14.5	9.5	11.8	5.2
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	12.3	6.8	10.2	7.8	4.8	4.2	1.9	1.3	-2.4	6.9	0.2	11.4	11.3	7.8	10.7	4.7
25120	Pembuatan produk struktur logam lain																
25120	Pembuatan tangki, takungan dan kontena daripada logam	10.4	1.4	17.7	14.3	-8.0	-16.2	-10.7	-11.8	3.7	3.3	-4.9	10.2	27.5	17.0	17.3	8.9
	Industri lain	7.0	-18.0	-15.5	-18.6	-20.4	-17.7	-15.9	-8.0	-2.9	-18.0	-8.7	-13.3	-14.1	-19.1	-15.3	-17.6
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	6.6	14.3	13.7	17.5	15.5	10.7	8.6	7.7	7.8	14.8	8.1	14.0	4.8	22.8	21.4	13.7
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5.3	3.3	2.8	3.2	3.4	3.7	3.8	5.4	8.8	3.3	7.5	4.6	2.5	1.5	4.8	2.1
25920	Rawatan dan penyalutan logam; menggunakan mesin	12.8	52.2	23.5	66.1	69.4	56.0	39.7	23.0	10.4	53.2	19.9	5.9	7.1	65.1	60.0	56.7
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.4	9.6	26.0	17.3	0.0	-2.2	-4.5	1.1	7.3	11.1	0.8	31.8	16.1	30.1	30.9	13.9
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	-1.8	13.3	12.7	16.7	14.8	9.1	6.5	7.1	17.5	13.6	12.1	11.0	6.5	20.9	22.6	13.4
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya																
25994	Pembuatan barangan rumah daripada logam	13.2	8.9	11.2	12.5	6.0	6.0	-0.7	0.8	5.9	9.0	2.3	12.3	13.8	7.3	7.2	8.4
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	13.1	7.7	8.3	5.9	12.4	4.8	6.5	3.8	-5.2	8.2	1.2	16.3	-7.0	16.3	8.6	2.1
	Industri lain	43.8	21.3	18.0	23.7	24.9	18.9	12.8	13.4	-2.7	21.8	5.0	16.1	19.8	18.1	20.9	18.9
261	Pembuatan komponen dan papan elektronik	2.5	3.3	-1.7	3.2	5.7	6.1	8.3	5.5	6.5	2.8	8.3	-2.3	-3.3	0.1	-2.3	9.1
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	-2.9	4.4	-2.0	6.4	6.8	6.8	8.4	4.9	5.4	4.1	7.8	-6.6	-2.8	2.3	2.2	11.7
26103 & 26104	Pembuatan litar elektronik bersepadu dengan pemasangan mikro																
26104 & 26105	Pembuatan kapasitor dan perintang elektrik	8.4	-3.7	-7.5	-5.6	-0.8	-0.6	6.3	7.4	13.3	-4.3	12.0	-3.9	-10.1	-7.8	-11.3	-0.03
26105 & 26109	Pembuatan papan litar bercetak																
26109	Pembuatan komponen paparan	35.3	52.8	78.3	47.8	45.7	47.3	20.1	-1.4	-22.8	53.1	-8.9	94.4	83.5	60.8	37.8	65.5
262 (26201 & 26202)	Pembuatan komponen lain untuk aplikasi elektronik																
262	Pembuatan komputer dan kelengkapan peranti	2.2	25.0	19.5	31.7	32.9	15.2	10.9	9.0	8.8	25.5	5.9	15.5	17.8	25.3	29.4	29.2
263/ 26300	Pembuatan komputer dan kelengkapan peranti	41.7	23.3	32.5	25.3	18.8	19.4	5.7	-10.5	-10.3	24.7	-5.9	42.1	38.2	20.9	8.1	46.2
264/ 26400	Pembuatan peralatan komunikasi	-1.5	0.2	-3.2	5.8	2.7	-4.6	-4.8	10.9	3.9	0.3	7.3	0.9	-0.3	-8.9	-9.6	10.8
264	Pembuatan peralatan elektronik pengguna																
265	Pembuatan peralatan elektronik pengguna	3.1	22.8	12.8	28.2	27.2	23.4	19.2	10.2	0.5	22.9	7.6	8.1	17.5	13.5	21.7	38.0
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	4.5	26.1	13.3	31.8	32.4	27.2	19.7	8.6	-1.4	26.1	6.2	8.3	18.3	14.0	23.9	41.6
26520	Pembuatan kelengkapan kawalan proses perindustrian																
26520	Pembuatan jam tangan dan jam dan bahagiannya	-6.5	-3.5	8.6	-0.1	-11.2	-7.6	14.9	27.1	21.9	-3.5	23.1	6.4	10.6	9.1	4.0	8.3
266/ 26600	Pembuatan jam tangan dan jam dan bahagiannya	4.6	6.8	25.5	9.8	0.2	-5.2	1.3	4.6	9.2	7.6	6.9	48.4	17.8	12.9	13.4	26.2
266	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik																

2025																		Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
7.0	10.4	7.5	4.2	4.2	1.8	3.0	2.2	2.6	3.3	4.3	3.4	0.8	0.8	-0.1	-3.2	-2.2	-0.3	Manufacture of non-metallic mineral products n.e.c.
																		Manufacture of refractory mortars and concretes
-1.6	3.2	6.4	-3.8	2.6	3.5	13.2	4.0	16.7	10.9	13.2	9.3	5.0	15.3	5.0	5.2	5.3	2.9	Manufacture of non-refractory ceramic
2.1	6.4	-1.1	-1.4	-9.5	-11.3	-13.0	-13.3	-7.6	2.6	-10.9	-11.7	-21.3	-21.9	-18.5	-11.3	-11.5	-12.8	Manufacture of other porcelain and ceramic products
2.6	3.6	1.4	1.2	1.4	-2.9	2.1	1.2	1.6	-2.9	-1.1	-2.6	-13.2	-7.8	-4.0	-6.2	-7.3	-8.8	Manufacture of hydraulic cement
0.9	4.0	6.9	5.1	5.3	-2.0	-1.7	1.6	1.8	2.3	2.8	1.0	-5.3	-2.2	-6.8	-5.3	-6.9	-1.4	Manufacture of ready-mix and dry-mix concrete and mortars
																		Manufacture of precast concrete, cement or artificial stone articles for use in construction
14.4	15.9	11.8	9.4	8.3	7.6	6.1	5.0	5.1	7.0	7.3	9.4	11.4	7.3	6.4	0.1	0.3	2.7	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
																		Manufacture of other articles of concrete, cement and plaster n.e.c.
19.9	29.0	14.3	1.9	1.2	1.9	0.5	-1.2	-7.3	-2.5	5.4	-2.2	9.6	6.5	-0.5	-3.0	12.7	16.5	Manufacture of other non-metallic mineral products n.e.c.
-16.5	4.6	-2.3	-8.2	-1.2	1.3	4.4	-4.1	-0.6	28.6	14.2	17.1	1.2	-16.9	-1.2	-18.1	-18.8	-14.3	Other industry
7.3	11.2	7.8	5.4	8.6	1.1	-0.3	0.5	-0.3	1.1	6.8	6.0	7.7	9.4	3.0	1.7	4.4	2.6	Manufacture of basic iron and steel
20.1	21.4	8.2	-0.2	-4.0	4.5	5.2	3.8	12.9	12.0	5.1	2.4	4.1	4.2	5.8	8.6	9.7	7.0	Manufacture of basic precious and other non-ferrous metals
-2.4	7.9	5.2	9.3	4.8	3.9	4.2	-6.1	-3.5	2.5	-2.9	-3.0	8.2	12.7	11.1	14.6	3.2	4.4	Casting of metals
9.5	0.1	1.3	0.2	-2.1	-3.7	-0.6	-2.6	-1.5	-1.5	-1.0	-1.7	-4.7	-0.8	-0.7	-0.9	2.0	-0.3	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
8.1	5.2	3.0	6.3	4.7	1.8	6.1	0.8	1.4	3.8	3.8	0.3	-0.4	-1.4	-1.2	-4.4	0.1	-1.7	Manufacture of metal doors, windows and their frames, shutters and gates
16.4	-9.4	-0.6	-13.6	-16.5	-15.8	-16.2	-10.0	-8.1	-13.6	-12.9	-7.0	-14.9	1.4	0.3	10.2	8.1	4.0	Manufacture of tanks, reservoirs and containers of metal
-22.9	-22.4	-22.5	-15.8	-16.6	-18.8	-17.7	-20.5	-14.0	-12.9	-6.3	-5.1	-12.8	-9.4	5.8	-5.0	-5.1	-6.2	Other industry
17.1	16.0	16.6	14.1	12.6	10.5	9.1	7.8	11.5	6.9	7.5	7.7	7.9	7.4	8.3	7.8	9.2	7.3	Manufacture of other fabricated metal products; metal working service activities
2.6	3.3	3.8	3.1	4.1	3.2	3.8	2.6	3.5	5.2	6.1	4.9	5.3	7.5	6.3	12.8	15.1	12.6	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
82.0	55.3	80.8	73.2	62.3	64.7	43.7	44.5	50.7	27.3	28.9	19.8	20.1	15.3	10.8	5.8	4.4	2.2	Treatment and coating of metals; machining
7.3	2.8	-1.4	-1.2	1.5	-3.9	-3.8	-6.5	-3.6	-3.2	-3.6	4.0	3.6	14.3	8.8	-0.8	-1.5	1.3	Manufacture of tins and cans for food products, collapsible tubes and boxes
14.1	13.6	19.0	11.8	8.7	8.9	9.8	8.9	7.5	3.4	4.8	6.0	10.7	16.0	16.9	19.6	22.3	20.1	Manufacture of metal cable, plaited bands and similar articles
22.7	2.5	8.0	7.6	2.3	8.3	7.5	-2.9	-2.1	3.1	3.7	5.9	-6.9	8.8	2.1	6.8	2.1	6.7	Manufacture of metal household articles
6.7	17.6	9.7	10.1	8.0	3.1	3.4	1.8	12.8	5.9	6.3	6.1	-1.6	-10.6	-3.0	-2.1	0.8	-2.6	Manufacture of any other fabricated metal products n.e.c.
32.0	32.1	23.8	19.4	21.0	19.1	16.6	9.8	9.9	18.4	13.4	12.9	13.8	-7.3	0.2	-0.9	0.03	-10.1	Other industry
2.8	2.1	7.7	6.9	0.1	10.2	8.5	8.2	8.8	7.9	10.8	3.4	2.9	7.5	4.0	7.8	15.4	15.7	Manufacture of electronic components and boards
5.4	2.1	10.0	8.0	1.2	12.0	7.8	7.5	9.3	8.4	11.1	4.7	0.04	7.4	2.1	6.9	14.8	15.1	Manufacture of diodes, transistors and similar semiconductor devices
																		Manufacture of electronic integrated circuits micro assemblies
																		Manufacture of electrical capacitors and resistors
-5.1	-2.7	0.1	-0.05	-7.9	3.3	3.5	7.5	5.7	6.0	10.1	3.1	9.2	11.2	11.6	16.7	26.4	25.2	Manufacture of printed circuit boards
																		Manufacture of display components
40.4	43.8	45.4	47.4	46.9	45.1	49.9	18.1	26.6	15.9	13.6	-7.1	-7.3	-12.8	-22.4	-30.4	-31.2	-31.3	Manufacture of other components for electronic applications
37.1	40.4	31.5	24.0	15.9	10.6	18.7	14.1	8.7	10.3	9.7	10.5	6.7	5.9	14.1	4.9	-13.2	-13.9	Manufacture of computers and peripheral equipment
21.7	31.8	24.9	4.5	19.1	30.4	10.1	10.3	5.0	2.2	-2.0	-16.8	-10.3	-10.3	-10.3	-10.2	-3.7	-8.2	Manufacture of communication equipment
15.6	10.7	8.6	-9.1	-3.3	-8.8	-1.1	-14.6	-7.4	6.3	8.7	11.0	12.4	11.1	-2.4	3.3	29.8	19.2	Manufacture of consumer electronics
25.2	24.6	35.1	22.6	22.1	25.6	22.6	24.0	18.1	15.7	18.6	6.6	7.1	9.0	-5.1	-1.1	3.1	-0.3	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
29.6	30.1	40.7	27.2	26.7	29.4	25.7	24.3	17.8	17.0	17.4	4.9	5.4	7.6	-7.0	-3.4	0.1	-2.6	Manufacture of measuring, testing, navigating and control equipment
-10.3	-13.0	-5.5	-14.8	-14.1	-4.3	-3.9	21.3	20.8	2.5	30.1	24.9	26.5	23.3	15.6	27.2	38.3	24.0	Manufacture of industrial process control equipment
-8.1	2.0	1.3	-2.5	-7.3	-7.1	-1.0	-4.3	13.1	-3.1	5.2	1.7	7.6	7.4	8.4	11.8	22.4	9.6	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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Table

1.4b : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
: Sales Value of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025				2024	2025	2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. -	(Jan. -	Jan.	Feb.	Mar	Apr.	Mei
											Nov.)	Nov.)					
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	24.2	14.4	33.4	11.2	-0.1	16.1	6.7	29.8	33.1	14.4	25.2	44.7	33.2	24.0	18.5	16.6
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	11.9	2.5	4.3	4.1	-2.2	4.8	1.6	4.3	-0.5	2.4	1.7	8.6	4.7	-0.1	7.6	7.7
27101	Pembuatan motor elektrik, penjana dan transformer	-4.6	3.7	2.1	5.0	2.4	5.6	-7.2	-1.0	-17.7	3.8	-8.9	4.9	0.8	0.3	6.4	6.9
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	19.7	2.0	5.2	3.8	-4.0	4.5	4.9	6.3	6.4	1.8	5.7	10.1	6.2	-0.2	8.1	8.0
272/ 27200	Pembuatan bateri dan akumulator	-3.4	11.7	-3.6	0.2	48.1	6.5	35.6	32.9	22.6	12.6	29.4	-6.7	-4.0	0.6	-1.2	8.0
273	Pembuatan pendawaian dan peranti pendawaian	-8.7	-1.8	-6.8	-1.5	-0.3	1.5	-3.7	2.3	7.4	-1.9	3.7	1.6	-11.3	-10.6	-4.6	6.1
27310	Pembuatan kabel gentian optikal	27.3	-7.7	4.7	-5.9	-15.9	-12.6	-26.0	-26.0	-8.8	-7.1	-18.3	8.2	9.3	-3.2	-1.2	-5.3
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-9.7	-2.1	-8.4	-2.4	0.8	1.8	-3.3	4.2	8.0	-2.3	4.6	0.2	-13.6	-12.0	-6.2	5.9
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-14.4	7.6	11.0	14.8	-3.2	8.3	5.4	-1.7	10.2	7.3	6.1	19.6	10.3	3.7	17.6	17.0
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	9.4	20.5	16.5	13.5	20.2	30.1	17.3	21.1	15.3	19.1	15.9	26.1	15.2	8.4	19.4	17.0
275/ 27500	Pembuatan perkakasan domestik	-3.9	2.0	3.1	1.7	1.1	2.1	-3.9	-5.6	2.0	1.9	-0.7	4.6	3.7	1.1	1.5	1.4
279/ 27900	Pembuatan kelengkapan elektrik lain	15.2	-13.4	-6.5	-16.1	-16.7	-13.7	-1.5	-5.6	1.5	-14.0	1.7	2.2	-11.6	-10.1	-15.8	-16.2
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-1.9	3.8	1.9	3.2	3.0	6.6	8.1	9.3	7.4	3.2	8.4	3.3	1.6	0.7	4.6	2.4
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-10.5	-4.2	2.0	-0.8	-4.0	-10.9	-1.1	9.3	-6.8	-4.5	-1.1	8.6	-1.4	-2.0	-4.8	0.8
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapi dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.8	12.5	13.9	16.5	11.4	8.7	13.8	11.1	9.9	12.9	12.4	11.8	11.1	19.0	18.9	15.0
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-16.3	7.4	2.9	2.4	12.9	12.6	6.0	3.3	-7.3	7.0	0.3	5.9	4.9	-1.8	-0.1	-1.6
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-1.7	-11.2	-23.0	-11.0	-10.8	1.0	-0.6	1.5	5.2	-12.9	2.1	-19.8	-24.3	-25.0	-12.2	-3.4
		14.3	4.9	8.7	3.0	-0.2	8.3	10.6	16.3	17.9	4.2	15.5	9.0	9.2	7.8	10.9	-0.5
291 (29101 & 29102)	Pembuatan kenderaan bermotor	15.0	2.6	16.4	20.8	1.9	-18.6	-25.6	-14.5	-7.6	5.3	-14.4	29.4	19.6	0.8	43.0	23.0
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	9.3	-10.2	-25.4	-19.3	-3.1	5.7	30.0	21.4	26.4	-11.8	22.7	-25.1	-28.4	-23.2	-26.9	-26.4
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	12.6	5.3	9.3	5.3	5.3	1.7	-9.2	-0.2	5.7	5.7	-0.6	16.9	13.9	-1.7	16.3	10.8
301 (30110 & 30120)	Pembinaan kapal dan bot	11.8	3.4	-9.2	-2.6	6.0	21.6	20.8	13.1	27.1	0.9	20.4	-12.3	-10.6	-5.3	-6.1	3.1
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.	-2.4	1.2	9.2	6.1	-0.1	-8.5	-9.8	-7.4	-9.9	2.5	-9.0	13.9	10.4	3.8	8.1	5.6
30910	Pembuatan motosikal	5.6	10.2	31.1	17.3	0.4	-2.7	1.4	9.6	9.0	12.1	5.9	41.4	30.3	21.5	22.3	22.6
30920	Pembuatan basikal dan invalid carriages Industri lain	-19.2	-0.9	-8.8	-4.9	4.7	6.8	-3.3	-7.6	-20.8	-1.6	-12.2	-4.3	-17.0	-5.5	-7.3	-7.1
		3.0	-2.6	7.4	5.8	-2.4	-17.1	-19.2	-17.6	-16.2	-0.7	-16.4	9.2	15.0	0.2	8.7	3.4
310	Pembuatan perabot	0.2	8.4	12.6	10.5	7.0	3.9	4.0	3.9	4.5	8.9	4.0	13.0	9.2	15.3	16.1	8.3
31001	Pembuatan perabot kayu dan rotan Industri lain	-1.4	10.8	15.1	15.1	7.5	6.0	5.9	6.2	3.3	11.2	4.5	13.7	9.8	21.5	22.1	15.6
		1.8	6.0	10.0	6.1	6.4	1.9	2.0	1.6	5.6	6.6	3.4	12.4	8.6	8.8	10.3	1.9
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.4	19.6	12.9	17.4	33.6	15.6	13.2	3.4	8.1	20.1	8.2	12.4	9.8	16.7	18.2	12.7
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	12.8	-8.7	-0.6	-3.8	-17.9	-11.4	-1.4	6.0	6.7	-8.8	3.6	1.6	-0.9	-2.6	-1.7	-2.7
32901	Pembuatan alat tulis Industri lain	6.1	5.2	-4.9	7.0	9.2	9.6	9.0	2.6	-5.3	4.9	2.3	-4.7	-10.3	0.4	4.9	4.7
		14.9	-12.9	0.8	-7.1	-25.6	-17.5	-4.7	7.2	11.6	-12.9	4.1	3.8	2.3	-3.6	-3.7	-4.9
323/ 32300	Pembuatan barangan sukan	15.5	-4.0	4.6	-2.6	-7.2	-11.9	-5.7	1.7	22.7	-3.6	9.5	10.9	6.3	-2.4	-1.7	-2.6
324/ 32400	Pembuatan permainan dan mainan	-15.1	15.1	-6.3	3.6	42.6	26.7	14.3	-4.8	7.0	14.1	9.5	-15.9	-1.2	-1.5	-9.2	-6.3
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	7.3	4.7	4.7	7.1	4.1	3.3	6.2	7.7	5.1	4.9	5.8	3.4	3.0	7.4	5.6	7.3
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal Industri lain	7.9	14.6	12.0	19.3	11.9	15.6	16.6	14.2	23.3	14.2	19.4	9.2	12.8	13.7	14.0	23.0
		6.9	-1.1	0.6	0.2	-0.7	-4.2	-0.4	3.3	-7.6	-0.7	-3.4	0.3	-2.2	3.4	-0.03	-0.8
Jumlah Pembuatan		0.2	4.6	1.8	5.7	6.5	4.4	4.0	3.4	3.5	4.5	4.0	3.2	0.7	1.4	5.7	5.5

2025																		Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
-0.6	1.5	-0.8	-0.9	19.9	14.1	14.5	7.0	7.9	5.2	14.3	43.0	32.2	28.6	32.5	37.8	29.1	41.8	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-2.5	-2.3	-2.9	-1.5	7.4	3.1	3.6	0.1	2.4	2.5	2.9	5.2	4.9	0.4	-5.0	2.9	-0.3	3.8	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1.8	2.6	0.7	3.9	12.0	1.6	2.3	-10.0	-5.2	-5.9	-5.5	1.7	0.8	-9.5	-28.8	-13.6	-14.1	1.5	Manufacture of electric motors, generators and transformers
-3.9	-4.0	-4.3	-3.6	5.6	3.6	4.1	4.1	5.2	5.5	5.9	6.5	6.4	4.0	5.0	9.9	5.4	4.6	Manufacture of electricity distribution and control apparatus
-5.4	64.6	49.1	35.3	8.5	8.7	2.1	33.8	38.7	34.5	35.7	33.9	29.3	15.5	21.8	29.4	31.4	25.9	Manufacture of batteries and accumulators
-5.9	0.6	-1.3	-0.1	3.2	1.0	0.2	-5.7	-3.4	-1.7	0.1	-0.6	7.9	9.4	3.6	9.3	9.8	11.0	Manufacture of wiring and wiring devices
-10.6	-25.1	-12.5	-8.7	-17.1	-5.6	-14.3	-24.4	-26.6	-27.1	-26.4	-25.7	-25.9	-8.0	-12.9	-4.1	-4.7	-7.9	Manufacture of fibre optic cables
-6.7	2.1	-0.3	0.7	4.0	0.8	0.4	-5.6	-2.8	-1.0	1.2	1.3	10.6	10.1	4.3	9.6	10.0	11.5	Manufacture of other electronic and electric wires and cables
9.9	0.7	-4.9	-5.0	5.7	8.8	10.3	5.4	4.7	6.3	5.0	-7.7	-1.7	10.9	6.1	13.6	14.4	14.2	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4.8	10.4	25.3	24.4	32.3	21.8	36.8	10.3	21.5	20.8	21.9	20.2	21.3	20.7	12.6	13.5	7.7	12.1	Manufacture of electric lighting equipment
2.1	5.1	-1.0	-0.4	2.0	2.1	2.2	-2.8	-1.4	-7.3	-6.2	-9.6	-1.3	-1.5	-1.9	9.9	11.2	4.5	Manufacture of domestic appliances
-16.2	-16.8	-14.3	-18.8	-14.2	-19.6	-6.9	-1.0	-2.2	-1.3	-1.2	-7.3	-7.8	-6.3	1.4	8.9	12.5	23.5	Manufacture of other electrical equipment
2.7	5.6	2.8	0.7	3.3	7.2	9.2	9.0	10.6	4.5	9.5	7.7	10.5	12.4	4.9	5.2	9.8	8.4	Manufacture of general-purpose and special-purpose machinery
1.6	8.5	8.9	-20.4	-20.9	-10.7	-1.3	-4.0	-10.3	14.1	12.0	11.8	4.4	8.8	-19.4	-8.2	-3.8	-8.9	Manufacture of fluid power equipment
15.6	16.5	12.6	5.6	8.8	8.4	8.8	11.3	23.7	6.8	10.3	10.2	12.7	13.4	6.8	9.4	17.0	15.4	Manufacture of other pumps, compressors, taps and valves
10.3	13.0	13.2	12.6	15.6	12.4	10.3	9.0	7.8	1.1	9.0	-3.0	4.1	3.1	-15.0	-8.3	-3.4	-2.6	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-16.6	-15.0	-5.5	-10.8	-11.0	5.8	8.3	8.7	-1.1	-9.7	-1.2	-1.4	7.9	12.2	9.6	-4.8	5.1	0.5	Manufacture of metal-forming machinery and machine tools
-0.6	5.1	-6.6	1.9	5.4	7.9	11.6	9.8	11.3	10.8	15.1	18.3	15.6	17.4	18.4	17.8	17.4	17.5	Manufacture of air-conditioning machines, including for motor vehicles
-0.6	6.3	18.7	-17.2	-10.9	-24.2	-19.6	-30.7	-22.2	-22.8	-13.1	-18.5	-10.8	-8.1	-11.2	-2.4	-6.9	-2.8	Manufacture of other special-purpose machinery n.e.c.
-1.4	-2.1	-7.3	0.02	3.2	7.3	6.6	62.3	20.4	8.8	24.7	20.6	19.1	26.1	28.4	25.0	12.8	13.0	Other industry
-10.2	7.5	5.5	2.9	5.2	-0.8	1.0	-9.7	-8.9	-9.0	-3.0	-6.1	10.4	7.5	3.5	6.1	1.5	2.0	Manufacture of motor vehicles
-3.1	10.5	7.2	1.6	1.6	34.6	33.2	34.1	22.3	9.1	3.5	12.2	28.4	27.6	24.8	28.6	23.1	21.6	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
4.7	-0.02	-0.8	0.5	-0.2	-13.2	-11.1	-14.6	-9.8	-5.0	-4.8	-4.8	-12.7	-12.5	-8.6	-8.6	-7.1	-10.9	Manufacture of parts and accessories for motor vehicles
8.0	5.2	2.9	-7.1	-0.7	-0.5	-6.6	-14.7	-3.4	25.0	10.2	11.4	6.9	7.4	9.2	10.7	11.9	-5.1	Building of ships and boats
-0.1	1.5	6.4	6.3	6.4	6.9	7.1	-2.1	2.3	-9.4	-0.5	-2.4	-19.4	-25.2	-20.2	-17.2	-16.0	-22.7	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
5.2	-3.8	-6.0	2.3	-2.5	-26.0	-20.4	-20.3	-18.4	-18.8	-15.2	-16.3	-21.3	-19.9	-14.1	-14.7	-12.9	-8.5	Manufacture of motorcycles
6.3	5.4	8.7	6.8	5.3	2.6	3.9	1.4	5.9	4.8	2.7	3.2	6.5	7.6	2.7	3.5	4.2	2.8	Manufacture of bicycles and invalid carriages
5.7	5.5	10.0	6.9	6.3	3.7	7.9	5.2	7.1	5.4	4.0	6.6	8.6	11.2	-1.4	1.3	1.6	1.5	Other industry
6.8	5.3	7.2	6.6	4.3	1.4	0.1	-2.5	4.6	4.2	1.3	-0.2	4.5	3.8	7.4	5.7	6.6	4.0	Manufacture of furniture
21.6	47.0	38.8	19.6	20.6	12.6	14.0	17.0	17.0	5.5	3.8	3.0	3.4	6.0	8.6	9.5	9.0	9.9	Manufacture of wooden and cane furniture
-7.3	-16.1	-21.8	-15.7	-16.7	-9.2	-8.0	-4.9	-4.9	5.7	6.2	4.9	7.3	6.9	5.6	7.5	2.7	2.5	Other industry
11.6	13.3	5.1	9.7	10.4	9.1	9.2	7.6	10.6	8.9	5.3	4.9	-2.3	-9.1	-8.4	2.0	1.5	9.3	Manufacture of jewellery, bijouterie and related articles
-13.1	-24.6	-29.7	-22.3	-24.4	-14.3	-13.3	-9.0	-9.4	4.7	6.5	4.9	11.1	13.8	11.7	9.5	3.3	0.1	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-3.8	-12.4	4.1	-12.0	-20.4	-8.0	-7.5	-8.5	-2.3	-6.1	-7.3	-7.6	27.0	22.5	19.6	26.3	47.4	26.4	Manufacture of stationery
37.8	57.3	44.4	28.6	21.9	30.2	29.0	24.9	18.2	2.7	3.6	-12.7	-3.5	3.0	11.5	6.4	29.1	35.2	Other industry
9.2	4.8	5.3	2.6	4.9	1.8	3.4	4.8	5.8	7.8	8.7	9.2	4.9	6.2	4.4	4.8	4.2	3.8	Manufacture of sports goods
24.8	15.5	12.4	9.3	12.8	15.9	18.2	17.9	15.4	16.4	16.7	11.0	13.6	21.1	18.2	28.5	30.6	19.3	Manufacture of games and toys
1.5	-0.8	1.0	-1.9	-0.03	-6.9	-5.4	-2.9	-0.1	1.8	2.6	8.1	-0.5	-3.0	-5.0	-13.5	-14.2	-8.0	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
5.9	9.1	7.7	2.9	3.0	4.5	5.7	3.5	4.7	3.7	4.7	2.4	3.3	3.5	2.7	4.3	6.3	4.6	Repair and maintenance of transport equipment except motorcycles and bicycles
Total Manufacturing																		

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
Table : Sales Value of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging	3.3	3.2	0.1	4.6	-10.6	-9.4	4.4	5.9	2.6	-0.8	2.5	2.4	-3.8
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	-4.6	0.2	-0.4	1.5	4.1	1.7	-2.0	4.5	-10.8	3.8	0.7	2.3	-1.9
	10201 Pengetinan ikan, krustasea dan moluska &	-4.9	0.1	-0.5	1.5	3.5	1.5	-1.4	4.7	-11.4	4.3	1.1	1.5	-2.2
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	-0.3	1.5	0.2	2.2	10.9	4.5	-9.2	2.0	-2.6	-3.3	-4.8	13.8	2.1
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.5	3.8	-0.8	0.5	-1.7	1.0	3.6	8.3	-6.8	3.9	1.8	4.1	-2.8
	10303 Pengetinan nanas &	-1.5	2.3	1.5	4.4	-19.7	-6.0	2.4	6.2	-5.1	7.3	-4.1	6.6	-2.1
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	2.5	4.3	-1.5	-0.7	4.3	2.8	3.9	9.0	-7.3	2.9	3.7	3.4	-3.0
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-16.8	10.5	15.0	9.0	-17.5	10.3	8.3	1.1	-23.5	-3.3	20.4	4.3	2.1
	10404 Pembuatan minyak sayuran mentah dan bertapis &	-1.9	-7.0	16.1	5.7	3.3	3.3	-3.9	5.4	-12.6	1.3	-10.1	6.1	9.6
	10406 Pembuatan sebatian lemak masakan	9.1	0.5	18.6	7.6	-3.0	-2.6	15.6	-0.3	5.3	-3.6	-11.9	20.0	3.9
	10405 Pembuatan minyak kelapa Industri lain	-18.9	13.2	14.8	9.4	-20.1	11.5	10.0	0.5	-25.3	-4.0	25.8	4.0	1.2
105	Pembuatan produk tenusu	-2.8	2.0	2.4	5.1	-1.0	2.9	-12.0	0.05	0.5	6.8	-1.7	2.0	-6.2
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	-3.3	0.8	1.4	6.1	-1.2	1.9	-13.6	-1.1	1.3	7.4	-2.2	0.4	-6.9
		2.8	16.2	12.2	-3.9	0.4	12.1	1.7	13.1	-7.4	0.3	4.9	19.8	0.8
106	Pembuatan produk bijian, kanji dan produk berkanji	3.6	6.0	1.5	1.7	2.0	7.1	-1.6	5.8	-6.5	12.2	-1.5	4.4	-2.5
	10611 Pengilangan beras	4.9	10.5	2.0	-1.6	2.3	7.1	-7.4	3.4	-5.8	20.0	-1.3	4.8	-4.9
	10613 Pengilangan tepung Industri lain	2.3	2.0	1.7	5.2	1.6	7.5	4.4	7.8	-7.2	5.3	-2.0	4.7	-0.1
		5.8	2.0	-8.9	0.2	2.3	1.0	-10.6	9.3	-6.9	9.4	2.5	-6.0	0.1
107	Pembuatan produk makanan lain	-0.1	5.6	2.1	5.6	1.8	3.9	1.6	1.6	-3.4	5.3	0.8	6.1	-4.7
	10711 Pembuatan biskut dan cookies	-9.9	4.8	6.3	5.0	-10.8	4.3	4.5	-7.9	-9.1	11.6	-0.2	1.4	-0.2
	10712 Pembuatan roti, kek dan produk bakeri lain	3.5	5.8	6.2	4.4	7.5	4.4	8.0	7.2	-6.0	4.7	4.2	2.8	-3.8
	10713 Pembuatan produk snek	3.4	10.5	-3.8	2.2	-7.9	-0.5	-0.02	6.3	-11.7	16.4	-0.03	10.1	-6.6
	10721 Pembuatan gula	-7.6	6.5	2.7	5.9	-4.8	7.2	3.5	-4.9	0.8	2.4	0.4	10.3	-7.3
	10731 Pembuatan produk koko	16.3	21.4	5.4	18.5	-0.8	-8.0	-11.6	18.3	1.2	-2.8	6.0	27.3	-4.6
	10732 Pembuatan coklat dan produk coklat &	0.3	5.1	-2.3	5.3	4.8	10.4	-0.4	-2.5	0.4	8.7	-1.3	5.7	-9.1
	10733 Pembuatan konfeksi gula	-0.9	6.0	-5.4	8.1	-4.1	0.8	-6.8	-0.5	-2.7	1.6	4.5	1.5	0.9
	10793 Pembuatan sos dan bahan perasa	-7.3	-4.2	6.7	7.6	5.1	0.4	2.7	-2.2	-3.9	-1.1	-1.5	0.7	-3.4
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	2.4	3.4	0.2	0.0	4.6	3.5	1.4	4.4	-3.7	5.7	-1.5	4.1	-0.9
108/ 10800	Pembuatan makanan haiwan tersedia	-3.5	5.1	-2.0	-2.2	0.3	29.8	3.2	4.0	-1.1	8.2	-0.8	4.8	-6.4
110	Pembuatan minuman ringan	-1.1	-0.4	6.0	7.2	-3.0	-3.0	12.0	2.4	-2.2	9.4	0.2	-6.9	-3.2
	11041 Pembuatan minuman ringan	-2.4	0.2	11.1	6.7	-5.0	-3.2	13.3	-0.4	-5.6	12.2	2.3	-10.9	-0.8
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	-2.4	1.2	8.1	4.8	5.8	-0.05	-1.6	0.1	4.7	3.0	1.9	-5.4	-1.7
		1.5	-1.7	-2.9	8.8	-2.1	-3.6	14.5	8.3	1.5	7.0	-3.6	-0.7	-7.4
120/ 12000	Pembuatan produk tembakau	29.4	-14.7	-20.6	17.4	26.4	-15.7	-17.9	27.3	-0.6	20.3	-18.6	3.0	-25.8
131	Pemintalan, penenunan dan penyiapan tekstil	8.4	7.2	-10.3	-2.7	3.4	8.4	-11.3	12.1	-8.3	1.8	4.8	10.3	-7.4
	13110 Penyediaan dan pemintalan gentian tekstil &	11.2	7.0	-11.2	-2.4	5.2	6.6	-13.5	12.5	-9.2	6.0	5.0	4.4	-4.7
	13120 Penenunan tekstil	1.4	8.4	-8.3	-3.9	-1.2	13.5	-5.9	10.8	-6.2	-8.4	4.2	28.3	-14.1
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	13.5	-22.2	9.4	8.9	11.1	8.6	-4.7	26.8	13.4	-27.3	-9.7	5.8	-2.1
139	Pembuatan tekstil lain	8.7	-3.7	-1.2	3.0	-3.6	-1.0	-1.1	9.8	-1.8	0.5	-4.7	1.7	0.7
	13910 Pembuatan fabrik dikait dan dikrusye Industri lain	9.1	-2.3	-0.2	-4.3	5.7	2.2	-2.1	10.0	-0.9	0.8	-2.6	-0.1	0.6
		8.5	-4.5	-1.8	7.5	-8.8	-3.0	-0.4	9.6	-2.4	0.3	-5.9	2.8	0.7
141	Pembuatan pakaian, kecuali pakaian berbulu	2.7	-7.7	3.8	0.7	6.4	-11.1	4.1	5.1	-7.6	10.8	-8.7	-0.8	-7.7
	14102 Pembuatan pakaian Industri lain	1.2	-8.5	3.5	0.2	7.5	-12.1	3.6	4.3	-9.1	11.3	-7.8	-2.8	-8.2
		14.4	-2.4	5.3	3.9	0.1	-4.1	7.3	12.2	3.2	7.4	-14.5	14.1	-4.3
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	9.4	-14.7	2.9	2.1	6.8	-16.1	7.0	14.1	1.3	4.1	-12.0	-4.3	-9.6
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-7.2	-16.7	16.7	27.7	-8.5	-19.0	14.6	-2.6	-3.3	4.6	-15.1	-1.9	-7.5
152	Pembuatan kasut	-3.9	-9.0	-6.3	5.7	0.2	5.7	-9.4	1.6	-10.2	0.3	-3.9	-2.5	-0.9
	15201 Pembuatan kasut kulit &	-4.4	-11.4	-1.0	8.9	-0.6	4.2	-9.5	0.6	-12.0	3.7	-9.5	-1.8	3.1
	15203 Pembuatan kasut getah Industri lain	-2.7	-3.9	-16.6	-1.4	2.3	9.4	-9.0	3.8	-6.4	-6.6	8.5	-3.7	-8.3
161/ 16100	Pengilangan dan pengetaman kayu	6.1	-27.3	2.7	15.6	9.7	-25.1	7.7	10.8	-11.9	23.4	-16.9	-23.7	-18.0

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
-0.4	1.9	2.8	2.7	3.7	-9.1	7.5	-18.2	-0.9	-2.9	5.1	-7.3	2.3	7.5	1.6	-4.8	3.3	Processing and preserving of meat
-0.7	0.3	1.6	0.8	-0.8	0.5	3.0	-0.04	2.9	-3.0	9.0	-8.6	3.6	-3.8	0.2	1.5	-4.4	Processing and preserving of fish, crustaceans and molluscs
-0.1	-0.2	2.3	0.5	-1.0	0.7	3.0	-0.7	2.8	-3.3	9.9	-8.9	4.5	-4.5	1.2	1.1	-4.4	Canning of fish, crustaceans and molluscs
-7.5	7.4	-6.7	3.9	1.7	-1.3	3.5	8.8	4.3	1.1	-1.2	-4.0	-6.4	5.7	-10.5	7.7	-4.0	Processing, curing and preserving of fish, crustacean and molluscs
																	Other industry
0.8	-1.7	0.1	4.9	-4.3	-2.5	1.8	0.3	-1.8	1.0	0.7	1.8	0.8	0.6	2.6	2.3	-7.2	Processing and preserving of fruits and vegetable
																	Pineapple canning
0.3	-3.2	8.2	4.3	-1.4	-9.3	-9.1	-5.5	-5.0	3.3	-9.0	6.5	3.1	-10.5	18.2	4.7	-7.7	Manufacture of jams, marmalades and table jellies
1.0	-1.2	-2.4	5.0	-5.3	-0.1	5.3	1.9	-1.0	0.4	3.2	0.8	0.3	3.3	-0.7	1.7	-7.1	Other industry
7.1	8.5	-3.2	9.7	-2.4	1.4	-4.0	-18.7	-6.1	17.8	6.1	3.7	-1.8	10.4	-3.5	14.8	-7.9	Manufacture of vegetable and animal oils and fats
																	Manufacture of crude and refined vegetable oil
1.1	7.4	3.5	1.0	-3.9	7.7	6.0	-13.1	9.5	0.7	3.4	-2.7	-3.7	0.2	1.0	13.8	-3.8	Manufacture of compound cooking fats
13.5	-6.4	1.7	3.4	9.8	-3.6	-2.1	-0.5	-3.8	-12.8	21.8	0.9	14.0	-8.5	1.7	4.4	-0.3	Manufacture of coconut oil
7.8	8.8	-4.0	10.9	-2.3	0.7	-5.3	-19.7	-8.5	21.3	6.3	4.7	-1.7	12.0	-4.1	15.1	-8.5	Other industry
1.5	8.9	-3.4	0.4	9.3	-5.5	-0.8	-2.1	6.1	-0.9	-0.03	1.6	-19.6	12.6	-0.2	-3.5	6.0	Manufacture of dairy products
1.4	9.6	-4.4	1.2	10.3	-5.7	-1.1	-2.3	6.7	-2.0	-0.4	1.9	-22.3	15.3	-0.8	-4.4	8.1	Manufacture of condensed, powdered and evaporated milk
1.7	2.7	5.3	-6.6	-0.7	-3.0	2.3	0.1	1.2	9.2	3.3	-1.1	3.5	-5.3	4.5	3.4	-8.2	Other industry
-1.9	3.9	3.3	1.0	-3.0	-2.0	-0.1	1.5	10.4	-1.2	5.5	-7.1	1.9	-2.1	3.1	1.2	-7.1	Manufacture of grain mill products, starches and starch products
0.3	3.1	4.2	-1.8	-5.3	0.3	-2.2	3.3	12.4	-1.2	5.4	-11.9	2.7	-6.8	3.4	1.7	-14.5	Rice milling
-3.8	4.9	2.7	4.0	-1.0	-4.3	1.9	0.2	8.6	-1.5	6.2	-2.5	1.6	2.1	3.2	0.7	-1.4	Flour milling
-5.9	-0.5	-2.7	0.5	2.0	1.2	2.9	-6.5	7.3	3.2	-6.3	-1.0	-6.4	-0.7	-3.8	3.0	2.0	Other industry
-0.08	4.3	1.7	3.4	-0.2	-0.6	1.8	-0.6	2.7	2.1	2.3	-3.8	0.9	3.9	0.1	0.7	1.0	Manufacture of other food products
6.3	-1.7	2.4	7.5	-5.1	0.2	-8.3	-4.4	5.3	0.2	5.4	-4.3	6.2	-1.9	2.5	6.9	-6.5	Manufacture of biscuits and cookies
2.6	6.8	1.8	-0.5	0.8	2.7	6.3	-1.4	-0.3	5.0	-0.2	0.6	1.4	7.8	2.9	-3.0	1.2	Manufacture of bread, cakes and other bakery products
0.5	-4.4	-0.1	6.7	-4.2	0.3	-7.1	1.9	-2.7	0.9	2.7	-5.8	1.2	3.0	-0.1	5.0	-2.8	Manufacture of snack products
0.5	3.1	6.0	4.6	-1.5	-7.5	-1.1	2.0	2.2	0.6	10.8	-7.8	2.0	4.2	2.7	3.4	5.8	Manufacture of sugar
-5.0	13.1	-6.4	19.9	-1.3	0.5	-1.4	3.0	-3.7	1.8	-5.9	-13.7	0.8	7.7	-16.6	1.8	1.2	Manufacture of cocoa products
																	Manufacture of chocolate and chocolate products
-1.2	6.0	-1.4	2.3	2.4	0.8	3.9	-3.4	5.7	6.1	4.0	-3.4	-2.7	6.4	-2.3	2.6	2.3	Manufacture of sugar confectionery
-10.9	3.9	7.3	1.2	3.0	-3.7	-4.8	-0.8	8.6	0.03	1.3	-15.4	3.6	1.5	-1.6	6.4	-3.9	Manufacture of sauces and condiments
-1.1	10.1	9.4	-0.7	1.1	-4.6	8.1	-1.5	2.8	-1.4	3.1	-4.6	1.6	0.1	9.7	-2.2	3.2	Manufacture of other food products n.e.c.
0.5	-2.3	1.5	1.1	-1.4	-0.8	1.7	2.4	6.5	-2.9	1.5	1.4	1.8	-2.0	-1.3	-1.7	-0.4	Other industry
2.7	-0.2	-5.0	0.8	4.3	-7.0	3.5	-3.5	8.1	1.3	36.0	-2.0	-0.7	-3.2	-5.9	3.1	8.2	Manufacture of prepared animal feeds
8.1	6.0	-3.4	10.6	-4.2	0.3	-4.0	-1.4	10.0	-4.2	-6.2	-0.8	10.8	6.2	-0.8	11.6	-5.4	Manufacture of beverages
14.6	3.2	-2.0	13.9	-9.1	0.1	-7.7	6.4	5.7	-2.0	-10.1	0.5	13.7	3.0	3.1	14.2	-10.1	Manufacture of soft drinks
11.6	1.2	-2.9	6.1	0.5	0.1	-0.1	9.8	-2.3	2.2	-5.5	0.2	0.4	-0.7	0.9	5.8	1.9	Production of natural mineral waters and other bottled waters
-3.8	13.3	-5.9	5.9	3.9	0.7	1.2	-17.4	24.1	-10.2	1.1	-3.5	9.5	14.4	-7.6	8.4	1.7	Other industry
1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-0.8	16.3	-18.2	2.0	-22.8	0.6	-0.9	-7.2	29.9	-3.1	Manufacture of tobacco products
-2.7	0.3	-18.7	8.4	3.6	2.8	9.1	-9.2	-5.9	12.3	9.9	-6.7	-4.4	-1.8	-14.0	6.4	5.6	Spinning, weaving and finishing of textiles
																	Preparation and spinning of textile fibres
-2.4	-1.3	-19.6	11.1	2.7	2.5	12.8	-10.6	-6.9	15.5	3.3	-4.1	-4.2	-5.0	-15.1	7.3	8.1	Weaving of textiles
-3.5	4.4	-16.3	1.5	6.2	3.5	-0.9	-5.3	-3.1	3.4	29.8	-13.1	-5.0	6.4	-11.3	4.6	0.1	Dyeing, bleaching, printing and finishing of yarns and fabrics
9.7	10.7	-21.3	28.5	-5.6	0.9	14.0	4.6	-12.2	14.2	4.7	-2.4	-6.2	9.9	-13.4	3.2	-5.4	Other industry
-1.2	0.2	-3.4	1.9	4.6	0.6	-4.1	-1.9	-0.2	-0.4	0.9	-0.9	1.3	-2.0	-2.4	4.4	-2.1	Manufacture of other textiles
0.8	4.3	-11.9	-1.6	7.1	-0.6	3.7	-0.5	1.3	0.5	2.8	-2.5	0.6	1.5	-8.5	4.4	-5.7	Manufacture of knitted and crocheted fabrics
-2.4	-2.3	2.4	4.0	3.2	1.3	-8.4	-2.9	-1.2	-1.1	-0.4	0.3	1.9	-4.3	1.9	4.4	0.2	Other industry
15.6	-7.5	0.1	3.4	0.8	-1.5	7.6	-5.5	10.5	-9.2	-5.5	-9.0	18.1	-7.1	1.9	2.5	1.7	Manufacture of wearing apparel, except fur apparel
16.7	-7.5	-0.1	4.4	-1.3	-1.5	9.0	-5.2	11.0	-8.9	-8.1	-9.7	19.4	-7.2	1.8	4.6	-0.2	Manufacture of clothings
9.3	-7.9	1.1	-2.9	14.7	-1.4	-0.9	-6.9	7.1	-11.7	12.3	-5.0	10.8	-6.3	2.2	-9.7	14.5	Other industry
12.1	-0.5	0.2	4.5	2.5	-11.6	14.7	1.3	-1.5	-11.6	-6.2	-1.3	5.9	4.9	2.6	-0.8	9.0	Manufacture of articles of fur, knitted and crocheted apparel
																	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
6.7	16.9	12.2	9.7	7.4	-5.4	-3.2	-7.6	2.9	-14.6	-2.6	-8.2	7.1	14.1	13.2	7.3	8.1	
-4.6	2.6	-6.2	2.3	10.4	0.1	-3.5	1.8	-2.0	9.3	-1.9	-3.9	-4.9	-0.5	-3.4	5.5	10.1	Manufacture of footwear
																	Manufacture of leather footwear
-3.8	6.1	-7.3	3.9	12.7	-1.0	-3.1	1.3	-4.3	8.5	-1.7	-1.3	-6.8	-0.5	-3.5	8.3	13.5	Manufacture of rubber footwear
-6.4	-4.8	-3.4	-1.6	4.7	3.0	-4.5	3.2	3.9	11.0	-2.5	-10.0	-0.1	-0.4	-3.1	-1.0	1.5	Other industry
4.0	42.8	-6.0	10.0	-2.4	0.1	5.5	-1.1	16.7	-14.1	-24.6	-17.8	3.5	47.2	2.7	10.9	-4.1	Sawmilling and planning of wood

Jadual **1.4c** : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
 Table : Sales Value of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025				2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3		Jan.	Feb.	Mac	Apr.	Mei	Jun
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	10.4	-31.7	10.8	24.6	6.7	-32.9	11.0		13.2	-6.4	12.6	-21.6	-21.2	-12.9
16211	Pembuatan kepingan venier dan papan lapis	11.0	-35.0	9.6	33.9	11.2	-37.7	7.3		15.1	-4.1	10.2	-23.3	-23.0	-16.2
16212	Pembuatan papan partikel dan papan gentian	10.4	-29.8	14.7	20.3	-1.2	-30.0	16.7		11.1	-11.5	18.9	-21.9	-19.3	-13.0
16221	Pertukangan kayu untuk jurubina	8.9	-31.8	17.8	16.5	7.7	-34.6	25.6		11.2	-0.4	9.1	-23.4	-20.5	-7.9
	Industri lain	9.1	-17.7	-1.4	0.4	4.0	-5.3	-0.6		11.8	-10.5	12.2	-8.7	-18.7	-2.5
170	Pembuatan kertas dan produk kertas	1.9	-2.9	-0.3	0.3	1.5	-3.9	-0.03		3.2	-1.6	2.3	0.7	-6.0	-1.5
17010	Pembuatan pulpa, kertas dan kertas tebal	1.0	-1.5	1.4	-1.0	3.3	-1.9	1.2		3.6	2.4	-9.6	2.1	2.6	2.2
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-6.5	-1.4	5.9	-3.4	-4.1	-2.6	-0.3		0.2	-11.6	9.3	-0.2	-5.8	3.3
17091	Pembuatan sampul surat dan kad surat	-0.1	4.6	-1.5	8.9	-3.6	-2.5	-1.9		4.5	-5.6	4.1	11.5	-8.3	-4.3
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	7.3	-7.3	-9.5	0.8	10.7	-9.7	-7.8		3.1	3.4	9.4	-2.6	-10.3	-14.4
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	11.7	-6.5	-9.1	15.2	-1.4	-7.1	2.9		5.9	10.1	-7.6	8.8	-19.1	2.1
	Industri lain	8.9	3.7	7.5	-4.1	2.9	3.1	8.3		8.9	-2.4	3.8	-3.1	7.5	0.6
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.8	-6.1	1.9	7.8	3.5	-5.6	2.0		0.8	-0.4	-0.5	-2.4	-6.3	2.4
18110	Percetakan	4.8	-4.3	3.2	7.8	4.7	-4.8	2.3		0.9	-0.2	1.4	-2.3	-6.1	3.8
18120	Aktiviti perkhidmatan berkaitan percetakan														
&		-0.3	-13.6	-4.3	7.7	-2.6	-9.7	0.2		0.2	-0.9	-8.0	-2.6	-6.9	-3.8
18200	Penerbitan semula media rakaman														
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.3	8.2	7.0	-8.4	-11.4	5.0	13.4		10.6	-11.5	6.1	6.1	-6.5	21.1
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	6.1	-2.5	4.0	-5.4	12.0	-8.8	1.4		6.6	-4.6	3.2	0.3	-3.7	-2.7
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	5.7	13.5	7.8	8.8	13.5	-5.4	-6.2		0.7	-0.6	13.6	4.2	1.6	-1.9
20112	Pembuatan kimia organik asas														
&		11.0	-2.1	3.8	-4.1	13.8	-12.7	4.9		7.6	-2.4	0.4	7.3	-8.1	-9.3
20113	Pembuatan sebatian bukan organik														
20121	Pembuatan baja														
&		-10.2	2.4	-9.4	-3.0	18.9	-0.9	-8.9		-7.9	-6.1	27.7	-11.1	-0.7	2.9
20129	Pembuatan produk campuran nitrogen														
20131	Pembuatan plastik dalam bentuk primer	1.7	-6.4	6.5	-10.0	4.5	-14.1	-1.8		5.8	-6.8	4.1	-9.9	2.0	6.8
	Industri lain	8.0	2.7	3.0	-2.0	24.6	24.3	0.7		17.2	-9.9	0.1	5.5	1.6	-0.7
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	7.0	-6.9	4.2	-5.2	3.7	-5.8	4.2		14.0	-15.1	8.8	-7.7	1.9	-0.9
20210	Pembuatan racun perosak dan produk agrokimia lain	0.2	-9.3	-3.4	-8.8	0.4	-6.4	-7.1		12.0	-2.7	-5.4	-6.0	0.3	2.9
20221	Pembuatan cat, varnis dan penyadur dan mastik	17.6	-9.2	-0.7	-4.8	3.6	-12.0	1.1		18.1	-15.2	17.8	-12.3	-0.4	-4.2
20222	Pembuatan dakwat cetak	22.1	-5.7	1.9	-8.2	5.1	1.9	7.2		22.8	-11.1	9.7	-0.1	-6.2	-11.0
20231	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap														
&		5.8	-8.3	9.7	-13.5	7.0	-5.8	6.9		17.5	-20.0	4.9	-7.1	3.9	2.6
20232	Pembuatan pewangi dan penyediaan dandanan diri														
20291	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials														
&		-3.7	2.7	6.3	10.3	0.9	3.4	8.6		4.5	-13.7	8.8	-0.1	4.4	-1.9
20292	Pembuatan dakwat menulis dan melukis														
&															
20299	Pembuatan produk kimia lain t.t.t.l.														
	Industri lain	-16.7	-19.3	28.1	-0.1	-3.7	-14.7	-0.4		-18.4	-9.3	-0.3	-22.7	11.2	2.0
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	6.9	-1.5	2.8	-3.9	8.8	1.0	3.7		5.3	4.2	6.3	-3.6	-12.4	17.7
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	6.6	0.4	-1.8	-5.0	12.4	1.9	1.4		3.8	5.2	7.6	-1.4	-14.3	17.5
	Industri lain	8.4	-9.6	25.4	0.0	-4.4	-3.1	13.8		12.2	0.04	0.5	-13.9	-2.2	18.8
221	Pembuatan produk getah	8.1	12.6	-8.0	-1.2	5.7	6.9	-9.8		7.1	-8.6	34.4	0.6	-5.2	-3.4
22111	Pembuatan tayar getah untuk kenderaan	-5.0	18.0	-5.8	0.0	-6.5	8.1	9.6		5.7	-6.5	3.5	8.2	16.4	-5.0
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	-3.6	2.9	7.7	-1.1	2.8	3.7	5.4		3.9	-9.7	13.0	-6.6	7.8	0.02
22191	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan														
&		-2.3	2.7	5.4	3.0	-13.5	1.9	10.7		0.02	-10.9	14.7	-0.8	-0.2	-4.5
22193	Pengilangan semula getah dan prosesan susu getah														
22192	Pembuatan sarung tangan getah	11.8	15.5	-11.4	-1.2	10.2	8.4	-14.0		8.6	-7.9	43.4	0.8	-7.3	-4.5
22199	Pembuatan produk getah lain yang t.t.t.l.	1.3	1.8	3.2	-6.1	-0.8	0.2	-2.5		6.1	-11.4	8.5	-1.6	-0.7	7.8
222	Pembuatan produk plastik	-4.7	12.5	-1.2	-0.9	-7.6	7.3	-2.8		-4.7	-4.0	10.7	9.5	1.3	-10.1
22201	Pembuatan produk plastik separa siap														
&		-2.9	10.3	-5.0	1.8	-4.6	4.3	-5.2		-2.3	-5.9	14.4	3.5	3.3	-7.4
22202	Pembuatan produk plastik siap														
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-4.7	17.7	-1.0	-5.5	-8.8	13.5	-0.5		-5.2	-1.4	8.9	13.0	4.2	-11.2
22204	Pembuatan barangan plastik jurubina	-7.8	5.8	10.1	1.5	-8.4	9.3	-0.6		-4.2	-3.0	15.9	-2.9	3.6	-7.1
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-4.9	18.5	1.8	-7.1	-8.3	7.6	0.2		-1.6	-6.4	12.3	16.9	-4.1	-4.0
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-5.5	6.2	-1.4	6.2	-8.4	0.9	-5.9		-8.0	-4.6	7.9	10.0	-2.8	-15.0
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	13.4	-8.5	-4.9	-2.0	13.5	-0.8	-3.9		8.2	-4.0	-0.2	-3.3	-3.6	-5.0

(%)

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
5.5	30.8	13.0	8.1	-1.9	-1.0	10.0	-7.6	10.8	-19.8	-24.0	-14.5	6.4	41.0	3.5	9.0	-0.9	Manufacture of products of wood, cork, straw and plaiting materials
1.4	39.0	19.1	11.4	-2.2	-1.9	15.9	-7.1	8.7	-21.1	-28.7	-18.3	1.3	54.5	5.4	11.6	2.2	Manufacture of veneer sheets and plywood
10.0	27.0	14.8	4.1	-1.3	-2.0	3.4	-11.6	17.0	-22.0	-18.3	-12.8	9.3	39.0	0.7	4.4	-3.7	Manufacture of particle board and fibreboard
12.5	34.4	-5.5	11.0	-1.7	2.0	8.3	-6.3	9.4	-24.6	-20.3	-11.2	20.8	30.1	5.8	13.8	-6.3	Manufacture of builders' carpentry
4.3	4.8	1.2	-2.0	-2.1	4.8	-2.0	1.7	7.3	3.6	-18.0	-4.6	6.2	6.1	-1.0	1.8	-3.1	Other industry
3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8	2.0	1.1	-7.9	-2.6	5.3	-0.9	-0.1	-0.6	2.0	Manufacture of paper and paper products
3.6	-4.1	-4.8	-1.5	8.9	-1.6	2.6	2.9	-8.4	2.8	-0.7	2.2	3.5	-4.2	-1.8	-0.7	3.2	Manufacture of pulp, paper and paperboard
8.3	-1.2	-4.7	-2.2	5.6	-3.7	-3.8	-0.2	1.6	2.5	-8.8	-0.1	7.0	-5.4	-0.4	3.4	4.0	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-5.8	15.9	0.9	4.4	1.0	-5.1	3.5	-8.1	5.1	7.2	-16.1	4.7	9.5	-12.6	2.8	-1.1	0.1	Manufacture of envelopes and letter-card
2.1	3.0	1.6	-2.3	3.4	-3.3	9.6	-1.2	9.2	-2.2	-12.3	-14.6	2.3	7.0	1.9	-10.1	2.6	Manufacture of household and personal hygiene paper
-8.5	8.0	0.9	6.0	6.1	3.9	-7.3	-2.6	10.7	1.6	-19.7	-2.0	10.9	2.5	0.2	3.4	-1.0	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
9.4	-5.0	-3.3	-0.3	-0.3	0.8	6.2	-4.6	-1.5	0.1	7.6	1.8	2.9	2.6	-0.4	0.1	-1.7	Other industry
5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2	-1.5	-1.8	-5.2	1.9	3.6	-2.7	2.6	-1.1	13.6	Printing, service activities related to printing and reproduction of recorded media
5.3	-5.1	3.4	-1.9	15.3	-2.1	1.6	-0.05	-0.2	-1.4	-6.2	2.7	3.9	-3.5	3.6	-1.9	16.2	Printing
6.5	-3.4	-10.0	0.8	27.2	-4.5	-4.9	1.4	-8.7	-4.2	0.8	-2.7	1.4	2.2	-3.1	4.1	-1.1	Service activities related to printing
																	Reproduction of recorded media
0.6	-3.6	-4.6	3.5	-4.1	-14.8	10.9	-15.6	3.1	7.0	-7.9	23.6	2.4	0.2	-2.7	1.0	-6.2	Manufacture of refined petroleum products
6.4	6.7	-10.3	-6.6	6.2	7.2	10.5	-10.3	6.3	-1.6	-10.6	-2.0	5.8	5.6	-7.9	-5.4	5.7	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
11.4	-4.3	1.2	-8.0	24.2	7.3	-5.2	2.9	15.0	-2.9	-17.2	-1.7	-6.8	12.3	1.9	-2.2	-3.7	Manufacture of liquefied or compressed inorganic industrial or medical gases
12.0	8.4	-10.0	-10.2	12.0	9.6	14.8	-18.3	8.4	1.2	-15.0	-8.0	13.7	9.9	-8.4	-10.3	9.8	Manufacture of basic organic chemicals
																	Manufacture of inorganic compounds
																	Manufacture of fertilizers
-6.9	-0.8	-11.3	1.4	5.6	1.2	7.0	4.5	15.0	-9.9	-3.7	4.8	-7.3	-1.9	-6.8	16.4	-8.4	Manufacture of associated nitrogen products
0.3	8.8	-13.2	-3.7	-2.7	5.6	4.9	-4.3	-0.4	-10.0	-7.8	7.3	0.4	-0.9	-10.4	-7.0	3.6	Manufacture of plastics in primary forms
6.3	-3.0	-3.6	0.6	0.9	1.0	12.0	10.9	8.1	12.4	3.0	-0.8	-1.1	3.7	-3.2	9.1	3.5	Other industry
2.5	3.7	-2.4	-3.8	0.5	-4.1	6.6	-0.8	1.3	-7.3	2.7	-2.2	4.1	2.2	-2.3	2.3	-0.7	Manufacture of other chemical products and man-made fibres
-3.2	-3.8	1.2	-2.8	-8.7	0.5	6.6	-1.2	-7.0	-5.8	7.8	-0.9	-3.9	-9.0	2.9	-4.1	-1.9	Manufacture of pesticides and other agrochemical products
1.8	2.3	-3.1	-1.4	3.4	-12.6	8.7	3.9	1.8	-12.8	-0.6	-3.5	1.0	4.1	0.2	9.5	-7.5	Manufacture of paints, varnishes and similar coatings ink and mastics
19.4	-2.3	-12.2	0.4	1.8	-1.7	3.4	-1.5	9.8	-3.3	-0.1	-0.8	10.8	2.3	-12.7	-0.3	0.2	Manufacture of printing ink
4.4	9.1	-11.0	-7.8	-1.4	-1.4	11.9	-5.9	3.1	-8.7	6.3	-2.7	6.7	4.1	-8.1	-4.0	-1.0	Manufacture of soap and detergents, cleaning and polishing preparations
																	Manufacture of perfumes and toilet preparations
																	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
0.8	1.5	12.9	-1.3	3.2	1.8	-2.2	1.0	0.5	0.9	3.0	-0.7	6.3	1.9	1.0	4.8	7.1	Manufacture of writing and drawing ink
																	Manufacture of other chemical products n.e.c.
14.9	-3.0	26.0	-13.8	-3.8	10.8	-3.4	-10.0	3.5	3.2	-25.6	3.0	9.7	-11.2	22.5	-17.0	18.4	Other industry
-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1	5.9	-3.0	-10.3	15.8	-2.8	-0.6	2.8	1.8	-5.5	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-4.7	-5.3	4.0	-3.8	-1.9	-2.2	6.4	8.8	5.7	-2.5	-10.3	16.6	-4.2	-5.5	9.3	3.0	-4.5	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
2.6	18.6	-5.8	3.5	-10.9	8.3	-10.9	5.0	7.0	-5.3	-10.8	12.0	3.6	20.5	-19.3	-3.6	-10.4	Other industry
1.2	-8.8	2.0	5.9	-6.5	-2.1	5.4	-9.1	33.4	-2.3	-7.0	-4.6	3.9	-13.6	3.3	5.1	-8.3	Manufacture of rubber products
-3.1	-4.9	-2.9	11.3	-8.0	-4.4	5.7	-10.4	2.8	9.3	-2.3	7.2	9.1	-4.3	-1.6	6.9	-9.5	Manufacture of rubber tyres for vehicles
6.0	-0.7	-1.1	1.9	-1.9	-2.1	4.5	-1.2	3.6	-3.5	6.2	3.4	-2.2	3.8	2.3	7.3	-14.7	Manufacture of interchangeable tyre treads and retreading rubber tyres
12.2	-3.1	-3.0	2.5	4.7	1.4	-13.7	-11.3	18.3	-1.6	-6.8	3.5	11.9	-2.8	2.8	0.7	5.3	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
0.2	-10.9	3.1	7.7	-8.5	-2.8	8.4	-8.5	40.8	-3.0	-8.1	-6.7	3.0	-16.7	4.4	6.2	-10.3	Rubber remilling and latex processing
-0.6	-2.4	2.0	-4.7	-3.0	-0.2	6.1	-11.5	7.5	-0.6	-0.1	0.5	2.5	-6.7	-1.9	-0.1	-6.2	Manufacture of rubber gloves
7.1	-1.2	-1.2	1.3	1.2	-5.5	-4.9	-4.1	10.3	9.6	-5.5	-10.5	6.3	0.04	1.5	2.3	-8.2	Manufacture of other rubber products n.e.c.
1.9	-4.0	-0.5	4.0	2.0	-5.2	-1.6	-5.5	11.2	1.4	0.4	-7.2	1.0	-2.3	0.3	4.0	-11.0	Manufacture of plastics products
																	Manufacture of semi-manufactures of plastic products
																	Manufacture of finished plastic products
8.3	-3.3	-0.2	-1.0	-1.9	-6.3	-5.3	-2.5	8.8	15.7	-4.3	-11.2	9.6	-1.7	3.2	1.3	-6.8	Manufacture of plastic articles for the packing of goods
15.5	-2.6	2.3	1.4	5.2	-11.7	-4.4	-2.9	13.5	5.5	-1.8	-7.6	3.5	0.8	4.3	0.5	-5.7	Manufacture of builders' plastics ware
9.5	-2.1	-5.1	4.1	-8.4	-4.3	-2.8	-6.1	13.7	6.7	-6.3	-3.8	7.3	-2.2	-1.7	6.7	-8.3	Manufacture of plastic tableware, kitchenware and toilet articles
7.8	6.0	-2.0	0.7	9.3	-3.9	-8.7	-4.3	9.1	11.9	-13.0	-17.1	7.5	6.8	0.8	0.5	-7.9	Manufacture of diverse plastic products n.e.c.
11.0	-11.6	-8.2	0.3	9.6	5.0	2.1	3.9	5.7	-0.6	-5.6	-3.9	6.5	-6.5	-3.8	5.3	7.9	Manufacture of glass and glass products

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
Table : Sales Value of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	12.6	-10.3	-0.6	2.6	12.3	-10.1	-4.2	8.6	-5.4	6.6	-7.2	-8.1	-0.5
23911	Pembuatan mortar refraktori dan konkrit													
&														
23921	Pembuatan seramik bukan refraktori	3.4	-11.1	4.2	11.2	7.2	-12.0	3.2	7.6	-7.2	3.1	-8.8	-1.2	-4.1
23930	Pembuatan produk porselin dan seramik lain	-13.2	6.2	3.8	-7.3	-8.4	-3.3	0.6	-9.0	-3.8	-5.2	9.4	1.7	2.7
23941	Pembuatan simen hidrolik	13.6	-11.1	-5.0	4.4	13.3	-15.8	-5.5	8.5	-2.2	9.5	-8.2	-12.0	-0.2
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	12.7	-11.9	1.5	-0.6	14.5	-13.8	-3.0	7.1	-5.2	7.2	-8.5	-9.5	0.02
23952	Pembuatan konkrit pratuangan, simen atau artikel batu													
&	buatan yang digunakan dalam pembinaan;													
23953	Pembuatan komponen struktur pasang siap untuk bangunan	16.5	-11.2	0.1	3.6	14.8	-8.1	-4.2	12.6	-9.5	5.8	-5.6	-10.7	2.9
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan													
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.6	-4.3	-0.9	-2.7	4.4	3.3	-3.6	2.1	1.8	10.0	-12.8	9.0	-9.7
	Industri lain	2.7	-10.6	5.5	4.9	8.5	-7.4	-16.6	5.6	-1.2	-9.2	2.3	-6.2	-7.0
241														
(24101 &														
24102 &														
24103 &														
24104 &														
24109)														
242														
(24201 &														
24202 &														
24209)														
243	Pengacuan logam	6.7	-0.7	-3.7	2.2	-0.2	2.1	8.3	13.4	-6.6	5.5	10.1	-12.1	-9.6
251 &														
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	10.2	-3.1	-13.4	5.9	10.4	-3.7	-11.9	5.0	-4.9	1.9	1.1	-7.8	4.7
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
&	pintu pagar daripada logam	12.5	-3.0	-11.3	7.7	10.0	-3.7	-14.5	6.6	-5.1	-0.6	2.4	-5.8	2.3
25119	Pembuatan produk struktur logam lain													
25120	Pembuatan tangki, takungan dan kontena daripada logam	5.5	-2.5	-19.5	1.3	12.4	-3.7	-5.4	1.1	-4.1	9.0	-1.3	-13.3	12.1
	Industri lain	-0.9	-12.0	-5.1	-0.5	1.2	-3.7	0.1	2.3	-6.6	-1.0	-6.6	-1.6	-5.7
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	7.9	-0.3	-2.9	6.0	5.9	-1.2	-2.8	2.2	-7.5	12.1	1.7	-10.6	1.6
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	0.6	1.7	2.8	-1.3	2.2	5.0	0.2	-4.5	3.1	2.9	-4.8	1.6
25920	Rawatan dan penyalutan logam; menggunakan mesin	28.8	13.4	-4.6	11.9	15.4	-0.2	-14.3	5.0	-2.8	28.3	-1.3	-9.3	16.7
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.8	-7.3	-8.8	8.3	4.3	-1.9	-3.1	1.3	-10.6	10.4	-0.4	-11.8	-5.3
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam													
&		12.4	-0.1	-6.8	4.3	9.7	0.4	2.3	5.0	-2.1	8.0	0.9	-7.1	-1.5
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya													
25994	Pembuatan barangan rumah daripada logam	7.2	-0.1	-5.1	4.3	0.4	1.4	-0.3	9.7	-1.5	-6.7	4.2	-1.4	5.6
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	-0.4	-4.1	3.7	5.8	1.2	-6.5	-5.3	-0.7	-18.1	18.3	5.1	-19.1	1.2
	Industri lain	2.9	3.7	8.4	2.8	-2.3	4.2	-6.9	-0.8	3.6	3.0	4.4	-7.3	3.7
261	Pembuatan komponen dan papan elektronik	5.6	-0.9	9.3	-7.2	7.8	-3.5	10.3	-5.8	14.7	18.8	-23.0	12.0	6.8
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya													
&		5.9	-0.3	11.7	-9.5	7.5	-3.6	12.3	-10.2	14.5	25.2	-26.4	13.1	10.6
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro													
26103	Pembuatan kapasitor dan perintang elektrik													
&														
26104	Pembuatan papan litar bercetak	4.5	-2.2	3.9	-6.4	11.8	-1.2	9.7	-1.6	17.8	11.8	-18.6	8.0	2.6
&														
26105	Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	11.3	2.2	19.4	8.5	-9.3	-16.1	-6.6	13.9	-1.6	4.4	-16.8	31.0	-1.4
262														
(26201 &														
26202)														
263/														
26300	Pembuatan peralatan komunikasi	1.6	23.0	8.5	-11.9	-10.1	4.2	8.8	-12.1	1.5	13.0	-11.4	40.5	1.2
264/														
26400	Pembuatan peralatan elektronik pengguna	-10.2	6.4	17.1	-14.7	-10.4	23.9	9.7	-4.8	2.6	9.0	-16.5	25.0	6.7
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-6.7	-1.1	22.7	9.0	-9.8	-8.6	11.9	-5.7	-7.0	11.5	-19.0	21.0	6.1
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan													
&		-5.1	-0.2	23.1	9.1	-10.7	-9.4	11.7	-4.9	-6.6	12.1	-19.4	22.3	6.7
26512	Pembuatan kelengkapan kawalan proses perindustrian													
26520	Pembuatan jam tangan dan jam dan bahagiannya	-19.9	-10.2	18.1	8.8	-0.5	-0.6	13.3	-12.5	-10.3	6.3	-15.0	8.3	-0.6
266/														
26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	1.6	-17.3	1.2	11.5	8.6	-14.6	5.6	16.0	-18.8	10.1	-16.4	9.5	-18.3

(%)

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
3.6	-0.1	-2.4	-2.9	9.1	3.7	7.8	-5.1	7.4	-6.4	-8.9	-2.9	3.5	-1.0	-5.5	-1.9	11.3	Manufacture of non-metallic mineral products n.e.c.
																	Manufacture of refractory mortars and concretes
1.8	7.7	1.6	0.5	7.0	6.2	-1.2	4.2	-2.0	-6.9	-4.6	-7.8	11.7	-1.9	1.7	0.6	4.6	Manufacture of non-refractory ceramic
7.3	-5.0	-6.6	-0.9	1.9	-4.4	-9.3	2.6	5.3	-5.1	0.8	-8.5	6.5	-0.8	1.6	-1.2	0.4	Manufacture of other porcelain and ceramic products
1.4	-1.5	-2.6	-0.1	8.4	3.6	7.5	-1.8	4.6	-6.5	-13.4	-11.0	7.7	2.5	-4.8	-1.2	6.6	Manufacture of hydraulic cement
4.4	3.0	-3.9	-3.9	5.8	3.8	10.8	-5.1	7.7	-8.1	-11.0	-6.3	7.8	-1.9	-2.4	-5.5	12.0	Manufacture of ready-mix and dry-mix concrete and mortars
																	Manufacture of precast concrete, cement or artificial stone articles for use in construction
2.1	0.5	-1.0	-5.3	11.9	5.4	11.3	-9.3	7.7	-5.3	-8.9	4.8	-1.7	-0.3	-6.8	-5.1	14.6	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
8.8	-4.5	-6.7	-2.7	10.8	-2.0	0.4	-4.5	15.6	-5.7	1.1	1.2	5.7	-10.8	-9.0	13.0	14.5	Manufacture of other articles of concrete, cement and plaster n.e.c.
18.3	-6.8	1.0	2.4	4.1	4.1	-3.0	2.3	17.6	-9.2	-3.9	-19.6	-2.8	10.8	-16.3	1.5	9.9	Manufacture of other non-metallic mineral products n.e.c.
																	Other industry
-2.9	14.9	21.0	1.3	-1.5	-5.2	-2.1	4.5	7.4	-5.7	-14.4	-4.9	-1.4	8.1	19.6	3.9	-3.2	Manufacture of basic iron and steel
-4.3	16.9	20.2	-2.2	6.0	1.1	-3.4	4.8	6.6	-5.7	-17.7	-11.8	-4.2	18.6	23.4	-1.2	3.4	Manufacture of basic precious and other non-ferrous metals
-5.0	16.4	7.1	-2.5	-5.5	-2.3	2.2	-4.1	12.1	4.2	-12.1	0.9	-1.1	14.8	10.4	-12.2	-4.3	Casting of metals
-14.4	2.0	-1.2	-1.3	4.8	12.2	2.9	-3.8	1.9	1.7	-8.5	1.5	-11.0	2.1	-1.5	1.6	2.5	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
-13.2	3.1	1.8	-3.1	4.9	15.4	1.3	-4.5	1.7	2.4	-9.0	1.5	-14.0	3.3	-1.4	1.4	3.1	Manufacture of metal doors, windows and their frames, shutters and gates
-18.6	-0.7	-9.8	4.2	4.7	4.0	8.6	-2.1	2.5	-0.5	-7.4	2.6	-3.1	-1.7	-1.0	2.3	0.7	Manufacture of other structural metal products
1.7	-3.3	-0.5	-1.5	3.3	0.9	-1.2	1.0	0.3	0.5	-0.3	-13.5	5.7	12.9	-10.7	-1.6	2.1	Manufacture of tanks, reservoirs and containers of metal
																	Other industry
-1.4	2.4	-1.0	3.2	-0.2	8.5	1.0	-4.4	7.5	2.2	-10.4	1.8	-1.9	3.3	-1.5	4.5	-1.9	Manufacture of other fabricated metal products; metal working service activities
1.6	3.9	-5.4	5.6	-1.1	1.4	-0.9	-3.8	4.8	3.7	-5.9	2.0	3.7	2.7	0.4	7.7	-3.2	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-15.5	5.4	5.1	3.5	0.1	8.2	5.5	1.4	8.4	-0.1	-15.7	17.1	-18.9	1.3	0.4	2.0	-1.9	Treatment and coating of metals; machining
-4.1	4.1	1.1	3.9	-3.8	14.6	-1.5	-7.9	11.0	-0.9	-4.8	-5.7	5.9	-0.9	-7.8	3.1	-1.0	Manufacture of tins and cans for food products, collapsible tubes and boxes
-4.0	3.9	-5.9	2.9	1.9	8.8	4.2	-3.3	3.8	2.3	-6.1	2.9	0.7	4.7	-3.8	5.2	0.1	Manufacture of metal cable, plaited bands and similar articles
-10.1	4.4	-1.9	1.7	2.5	2.3	-0.9	-0.6	-1.8	4.9	0.6	-7.1	5.1	-2.0	2.6	-2.8	7.1	Manufacture of bolts, screws, nuts and similar threaded products
11.8	-3.1	3.8	1.7	-1.5	11.1	-2.3	-9.2	11.0	5.4	-19.2	-6.1	1.6	5.1	4.7	4.6	-4.8	Manufacture of metal household articles
9.1	0.9	-3.2	2.3	6.6	-5.3	-6.6	3.7	11.0	0.0	-7.8	4.6	-11.1	9.1	-4.3	3.2	-4.2	Manufacture of any other fabricated metal products n.e.c.
																	Other industry
-8.9	11.5	8.5	-14.9	1.9	-3.9	-6.0	15.4	17.8	-20.9	4.5	6.3	-4.8	7.8	12.4	-9.0	2.1	Manufacture of electronic components and boards
-7.9	11.0	5.6	-14.9	-1.3	0.3	-10.4	16.4	24.2	-24.5	6.6	5.6	-1.1	5.5	10.5	-8.5	-1.1	Manufacture of diodes, transistors and similar semiconductor devices
																	Manufacture of electronic integrated circuits micro assemblies
																	Manufacture of electrical capacitors and resistors
-11.2	12.9	9.8	-16.8	9.0	-11.4	2.3	15.8	12.2	-15.5	1.1	8.6	-9.6	13.3	14.9	-9.8	7.9	Manufacture of printed circuit boards
																	Manufacture of display components
-4.1	7.6	29.5	-6.2	-7.1	2.4	-10.3	5.4	-4.4	-18.4	7.1	-1.7	-9.7	-4.3	16.2	-7.3	-7.3	Manufacture of other components for electronic applications
0.8	-1.5	-38.5	33.1	-11.9	14.2	9.5	6.6	-0.7	34.3	-14.9	-1.4	0.0	6.1	-43.4	10.1	-12.7	Manufacture of computers and peripheral equipment
-9.2	10.1	1.2	-19.9	10.4	-3.2	-11.9	-3.3	9.9	-15.1	19.3	9.1	-9.2	10.2	1.4	-14.2	5.3	Manufacture of communication equipment
3.1	5.0	-4.5	-7.3	-6.9	-6.5	-17.7	11.2	25.1	-14.6	27.6	8.1	1.9	-7.8	1.0	16.6	-14.4	Manufacture of consumer electronics
-1.1	14.0	8.4	-0.9	1.0	-1.5	-4.6	-11.4	9.3	-17.0	8.7	6.6	0.7	-0.7	12.9	3.4	-2.3	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
-2.1	14.6	9.5	-1.3	0.4	-1.3	-6.0	-11.5	11.3	-19.2	9.2	7.3	-0.2	-0.9	13.7	2.3	-2.3	Manufacture of measuring, testing, navigating and control equipment
11.4	7.5	-3.6	4.3	8.7	-3.8	10.5	-10.7	-9.8	7.8	4.0	0.7	8.6	0.8	6.0	13.4	-2.6	Manufacture of industrial process control equipment
																	Manufacture of watches and clocks and parts
4.1	15.5	-5.5	5.2	8.8	-2.1	12.2	-4.0	-5.7	-9.2	5.9	-13.5	3.9	16.6	-2.5	15.2	-2.6	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
 Table : Sales Value of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025				2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3		Jan.	Feb.	Mac	Apr.	Mei	Jun
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	6.5	-16.2	9.3	19.1	-2.2	1.9	12.1		9.2	-6.3	9.0	-16.7	-0.02	-8.7
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-11.0	5.7	17.9	-5.5	-13.7	8.5	12.4		-1.4	-10.0	4.1	6.1	2.5	-3.2
27101	Pembuatan motor elektrik, penjana dan transformer	-12.4	2.0	28.9	-8.3	-23.0	8.8	7.2		1.0	-12.2	1.4	5.9	0.7	-1.7
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-10.5	7.1	13.9	-4.3	-10.1	8.4	14.1		-2.3	-9.1	5.2	6.1	3.2	-3.7
272/ 27200	Pembuatan bateri dan akumulator	-10.5	13.1	25.1	-15.9	14.0	10.8	15.4		-2.3	-11.2	1.1	9.7	10.4	-0.8
273	Pembuatan pendawaian dan peranti pendawaian	-5.4	3.4	5.8	-1.9	-10.3	9.9	11.0		7.1	-12.1	-1.8	6.0	10.4	-9.7
27310	Pembuatan kabel gentian optikal	2.8	3.8	-9.1	-9.9	-13.0	3.9	12.0		2.2	-6.2	-4.8	6.2	7.7	-5.1
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.9	3.0	8.0	-1.8	-11.5	11.0	12.0		6.6	-12.9	-1.9	6.0	10.6	-10.0
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	11.3	7.6	-12.1	2.8	8.4	0.3	-1.5		19.9	-5.9	0.8	5.2	10.3	-8.3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	-0.7	-3.9	38.1	-1.3	-10.5	-0.7	31.4		12.9	-7.7	-4.0	-1.5	10.8	-10.9
275/ 27500	Pembuatan perkakasan domestik	9.9	0.9	6.4	-13.5	3.5	-0.9	15.1		10.5	-0.5	6.6	-0.3	-6.7	5.5
279/ 27900	Pembuatan kelengkapan elektrik lain	-14.1	-2.9	7.2	-3.5	-2.0	-6.9	15.2		-2.7	-15.8	5.8	-7.6	9.6	2.8
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-8.0	8.1	-8.7	17.5	-6.7	9.2	-10.3		-7.1	-6.0	1.0	12.0	-2.4	-1.8
28120 &	Pembuatan alat-alat kuasa bendalir	-28.6	-4.0	2.8	26.5	-20.8	6.1	-12.4		-17.7	-8.7	-19.5	11.8	1.9	5.5
28130 &	Pembuatan pam, pemampat, kepala paip dan injap lain														
28180 &	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-4.1	11.0	-9.9	13.3	0.5	8.3	-10.8		-8.4	-4.9	3.9	11.5	-3.0	2.1
28220	Pembuatan jentera pembentukan logam dan alatan mesin														
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	0.8	11.0	-18.2	23.1	-5.1	8.2	-26.6		-3.4	-5.9	-0.2	15.8	1.3	-8.5
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-17.9	13.9	-14.1	25.7	-19.2	16.4	-11.0		-13.4	-11.9	10.5	21.6	-9.7	-6.7
		-6.5	2.9	0.4	12.1	-4.5	8.2	1.8		-2.9	-3.6	-0.9	5.0	-1.1	1.6
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-10.6	-17.2	-0.2	10.2	-18.3	-4.8	7.8		1.5	-17.5	-4.4	-6.2	11.3	-27.0
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	-32.8	5.7	13.8	30.8	-17.3	-1.4	18.5		-29.6	-12.4	27.9	-11.1	4.4	8.7
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	0.5	-2.7	9.8	-5.4	-10.2	6.9	16.3		4.4	-3.4	-4.1	1.0	13.3	-22.6
301 (30110 & 30120)	Pembinaan kapal dan bot	0.0	1.1	-17.9	46.4	-0.7	-5.3	-7.7		-1.6	2.9	24.0	8.3	-25.5	-9.6
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.	-8.1	-4.3	-3.5	7.8	-9.4	-1.7	-6.0		-3.5	-10.6	11.1	-5.7	-3.0	1.0
30910	Pembuatan motosikal	2.1	-5.1	-3.9	4.4	6.4	2.6	-4.4		8.3	-14.4	-0.4	-0.1	2.2	-2.4
30920	Pembuatan basikal dan invalid carriages	-3.6	3.3	-6.6	14.9	-12.8	-1.3	-19.9		5.9	-17.6	17.8	-3.5	2.4	3.1
	Industri lain	-14.9	-7.0	-1.7	6.6	-17.0	-5.2	-0.04		-13.2	-4.9	15.4	-9.4	-8.4	2.2
310	Pembuatan perabot	7.3	-21.9	-5.6	31.4	7.4	-22.0	-5.1		5.1	-7.9	13.8	-19.0	0.3	-27.5
31001	Pembuatan perabot kayu dan rotan	14.1	-24.6	-4.4	28.8	14.0	-24.4	-6.9		6.8	-3.1	17.4	-23.1	-2.1	-28.6
	Industri lain	0.7	-19.0	-6.8	34.1	0.8	-19.2	-3.2		3.4	-12.7	9.9	-14.1	2.9	-26.4
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	0.8	21.2	-3.8	-1.7	-1.3	10.8	0.6		6.8	-14.0	6.0	19.9	3.1	1.1
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	-5.1	9.2	-10.2	-4.8	5.6	17.5	-9.7		-2.2	0.3	-2.5	11.3	7.6	-15.0
32901	Pembuatan alat tulis	2.0	16.4	1.8	-9.3	1.5	9.5	-6.1		1.2	-6.5	10.3	10.4	1.0	1.2
	Industri lain	-7.2	7.0	-14.4	-2.9	7.2	20.4	-10.9		-3.3	2.6	-6.2	11.6	9.9	-20.1
323/ 32300	Pembuatan barangan sukan	13.1	-2.4	-24.7	5.9	21.0	5.3	-9.1		11.6	-7.9	8.5	14.5	-16.7	-20.8
324/ 32400	Pembuatan permainan dan mainan	4.5	39.9	1.5	-14.6	-5.8	16.5	14.2		6.4	0.5	26.0	7.8	25.4	-12.4
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	-0.4	-13.0	0.4	18.7	2.3	-11.7	-2.0		-1.7	-3.8	20.0	-3.5	-29.2	2.8
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	2.1	-9.5	1.9	22.8	3.0	-11.4	10.1		-2.5	-1.3	29.8	1.2	-36.2	0.6
	Industri lain	-2.0	-15.1	-0.6	15.8	1.9	-12.0	-11.1		-1.3	-5.3	14.0	-6.8	-23.9	4.3
Jumlah Pembuatan		-0.9	1.5	4.1	-0.3	-1.3	1.0	4.1		1.9	-4.3	8.4	-3.3	1.1	0.8

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
12.6	5.1	-0.4	19.7	-1.3	-3.1	2.1	-5.6	6.3	-9.5	25.0	-15.6	9.6	8.3	3.6	12.1	8.4	Manufacture of optical instruments, photographic equipment, magnetic and optical media
12.6	7.3	3.6	-2.5	-9.6	-3.5	-4.6	-8.0	4.3	6.5	4.9	-3.5	7.7	1.6	12.2	-5.6	-5.9	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
15.3	16.9	4.1	-2.8	-17.2	-3.8	-11.1	-7.5	0.6	6.3	8.4	-2.6	3.4	-8.0	26.3	-3.4	-2.1	Manufacture of electric motors, generators and transformers
11.6	3.7	3.3	-2.3	-6.4	-3.4	-2.3	-8.2	5.5	6.5	3.7	-3.8	9.2	4.7	8.2	-6.3	-7.2	Manufacture of electricity distribution and control apparatus
16.1	1.6	11.1	-18.2	-3.9	-6.1	28.1	-8.0	-1.9	10.6	9.0	-4.2	3.7	7.2	18.1	-17.0	-7.9	Manufacture of batteries and accumulators
8.0	0.8	2.9	0.4	-4.3	-4.7	0.8	-10.0	-0.1	7.9	9.6	-1.9	9.5	-4.5	8.5	0.9	-3.3	Manufacture of wiring and wiring devices
-14.4	26.8	-24.9	-2.1	3.0	5.3	-9.9	-8.9	-5.4	7.2	8.8	-5.3	6.2	20.0	-17.3	-2.7	-0.5	Manufacture of fibre optic cables
10.9	-0.6	4.9	0.3	-5.0	-5.1	0.3	-10.3	-0.1	8.3	10.7	-1.8	10.4	-5.8	10.1	0.8	-3.7	Manufacture of other electronic and electric wires and cables
-12.1	5.7	-3.3	3.1	2.0	-3.6	14.5	-6.5	2.3	3.9	-3.0	-2.3	-0.9	1.2	3.5	3.8	1.8	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
27.0	21.6	-1.8	-1.2	-8.5	2.6	-9.0	1.7	-4.6	-0.6	9.2	-10.0	26.3	13.4	-1.0	-6.2	-4.8	Manufacture of electric lighting equipment
1.0	10.9	-8.7	-8.6	-3.5	-1.6	5.2	1.0	0.2	0.9	-10.2	15.3	0.8	10.6	2.2	-7.5	-9.2	Manufacture of domestic appliances
-1.2	5.2	-0.1	-3.4	-7.6	11.2	3.5	-16.8	6.8	-7.5	2.9	2.2	0.5	13.8	7.3	-0.3	1.4	Manufacture of other electrical equipment
-9.8	4.5	0.6	5.3	13.2	1.9	-7.3	-4.6	-4.5	17.4	-4.0	0.8	-8.3	-2.4	0.9	9.9	11.8	Manufacture of general-purpose and special-purpose machinery
-10.9	12.0	7.3	-1.0	25.1	2.3	-19.9	-14.7	2.4	9.7	1.7	-1.6	-7.1	-17.0	22.1	3.8	18.4	Manufacture of fluid power equipment
-9.4	0.7	-4.0	4.1	15.3	3.5	-6.2	5.7	-10.3	15.1	-3.0	4.3	-8.8	-5.2	-1.7	11.3	13.7	Manufacture of other pumps, compressors, taps and valves
-21.6	18.3	-4.7	10.7	10.6	4.7	-4.5	-6.9	-6.4	24.9	-9.9	-1.8	-22.4	-2.5	2.8	16.6	11.5	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-7.7	-8.1	20.9	1.7	17.0	2.5	-13.0	-19.9	0.9	33.1	-9.8	2.1	-4.0	-10.2	5.0	12.4	11.8	Manufacture of metal-forming machinery and machine tools
-2.5	4.4	-1.7	5.8	9.5	-1.6	-4.4	-2.3	-1.3	9.1	1.7	-0.7	-1.0	5.2	-2.2	5.5	9.5	Manufacture of air-conditioning machines, including for motor vehicles
25.9	3.5	-21.1	28.9	-0.8	0.1	-12.5	-7.3	-5.1	5.5	4.3	-20.0	29.7	0.02	-13.4	23.0	3.6	Manufacture of other special-purpose machinery n.e.c.
9.7	-7.7	6.3	25.6	9.1	-9.2	7.2	-35.1	15.6	1.9	1.0	7.4	16.1	-6.0	3.5	13.4	9.2	Other industry
30.8	-0.6	-10.4	-0.9	7.2	-4.6	-6.6	-2.5	-4.3	7.7	9.7	-9.0	27.3	-4.4	-8.2	-5.2	7.7	Manufacture of other motor vehicles
-5.8	-2.4	18.3	26.2	8.5	-2.4	-0.9	-6.2	10.6	2.7	-19.3	3.5	-6.4	-4.5	21.9	20.8	7.2	Manufacture of motor vehicles
-3.9	0.3	2.1	7.0	2.5	-7.0	-7.2	-5.6	17.0	-5.4	-3.1	-7.3	-3.7	4.7	2.1	8.6	-1.6	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
3.8	-5.9	-8.6	5.6	14.5	-6.0	-1.0	-3.0	28.9	-11.9	3.3	-6.4	4.3	-4.3	-7.4	6.8	-2.9	Manufacture of parts and accessories for motor vehicles
-12.2	7.3	-3.8	12.1	7.6	-6.4	-3.2	-14.0	4.4	6.0	0.5	-14.9	-18.6	14.5	-0.1	13.7	-1.0	Building of ships and boats
-4.6	1.1	11.5	5.5	-5.7	-7.9	-13.1	-2.6	14.9	-5.5	-9.6	-3.9	-2.9	8.5	10.6	7.8	-1.0	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
5.5	8.5	17.6	10.3	5.8	2.0	2.5	-3.8	12.7	-20.6	0.8	-25.2	6.5	3.5	18.6	11.0	4.4	Manufacture of motorcycles
7.8	15.4	8.0	8.6	10.1	2.9	4.1	-1.3	15.4	-24.1	0.3	-27.3	10.4	2.3	11.0	8.9	10.0	Manufacture of bicycles and invalid carriages
3.3	1.4	28.7	11.9	1.8	1.0	0.8	-6.4	9.5	-16.5	1.4	-23.0	2.6	5.0	26.7	12.9	-0.6	Other industry
-8.9	0.0	11.4	-11.1	5.4	-1.5	9.6	-14.0	-4.4	18.0	2.3	1.5	-6.6	2.4	12.4	-11.5	6.3	Manufacture of furniture
-2.5	-2.0	5.2	-9.9	4.3	0.0	1.0	0.4	8.4	11.7	6.3	-13.1	-2.8	-3.2	7.1	-13.9	4.1	Manufacture of wooden and cane furniture
3.5	-0.2	-8.0	-0.8	-8.1	7.0	-0.3	-4.0	8.6	6.8	0.6	-5.7	-3.6	0.6	2.5	-1.3	-1.0	Manufacture of jewellery, bijouterie and related articles
-4.8	-2.8	11.0	-13.2	9.5	-2.5	1.5	2.1	8.4	13.5	8.2	-15.4	-2.5	-4.6	8.8	-18.2	6.2	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-3.1	-0.1	-6.1	-2.9	16.9	6.5	10.4	-1.8	4.3	13.0	-17.0	8.9	-6.6	-2.4	-0.9	13.4	0.2	Manufacture of stationery
3.9	0.9	-3.5	-5.1	-8.6	-7.8	3.1	-4.9	9.4	8.7	5.6	-3.1	10.9	9.3	-7.9	15.1	-4.3	Other industry
-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9	22.3	-2.7	-28.9	-1.3	-2.8	9.1	25.9	-2.0	4.0	Manufacture of sports goods
-4.0	17.8	35.1	-6.9	10.0	-6.9	-2.8	-3.4	31.0	1.4	-39.3	2.9	2.4	15.1	46.8	-5.4	0.4	Manufacture of games and toys
-4.0	6.7	19.0	2.7	0.5	-4.5	1.3	-2.6	16.2	-6.0	-19.9	-4.0	-6.5	4.5	8.3	1.9	7.8	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.4	-1.1	1.6	0.8	3.5	0.6	1.3	-1.3	Repair and maintenance of transport equipment except motorcycles and bicycles
																	Other industry
0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.4	-1.1	1.6	0.8	3.5	0.6	1.3	-1.3	Total Manufacturing

Jadual
Table

1.5a

: Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan
: Number of Paid Employees of Manufacturing Sector by Group

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025
				Q1	Q2	Q3	Q4	Q1
101	Pemprosesan dan pengawetan daging	14,664	15,265	14,966	14,548	15,288	15,265	15,194
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,342	17,394	17,616	17,657	17,410	17,394	17,537
	10201 & 10202 Pengetinan ikan, krustasea dan moluska							
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,485	14,280	14,642	14,690	14,245	14,280	14,459
	Industri lain	2,857	3,114	2,974	2,967	3,165	3,114	3,077
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,127	9,524	10,789	10,401	9,719	9,524	9,754
	10303 & 10304 Pengetinan nanas							
	10304 Pembuatan jem, marmalad dan sajian jeli	570	540	583	567	548	540	548
	Industri lain	9,557	8,984	10,206	9,834	9,172	8,984	9,207
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,888	92,217	89,298	90,516	91,201	92,217	91,634
	10404 & 10406 Pembuatan minyak sayuran mentah dan bertapis							
	10406 Pembuatan sebatian lemak masakan	4,477	4,782	4,604	4,666	4,772	4,782	4,828
	10405 Pembuatan minyak kelapa	2,631	2,653	2,669	2,665	2,662	2,653	2,697
	Industri lain	82,779	84,782	82,025	83,184	83,767	84,782	84,109
105	Pembuatan produk tenusu	13,874	14,135	14,144	14,003	14,208	14,135	14,370
	10502 Pembuatan susu pekat, tepung dan sejat	9,858	9,963	10,197	9,969	10,041	9,963	10,234
	Industri lain	4,017	4,172	3,947	4,034	4,167	4,172	4,136
106	Pembuatan produk bijian, kanji dan produk	11,538	11,591	11,325	11,202	11,819	11,591	11,929
	10611 Pengilangan beras	5,400	5,524	5,438	5,309	5,715	5,524	5,767
	10613 Pengilangan tepung	5,223	5,236	4,992	5,005	5,243	5,236	5,353
	Industri lain	915	831	895	888	831	831	809
107	Pembuatan produk makanan lain	141,851	146,141	142,155	142,049	146,602	146,141	145,892
	10711 Pembuatan biskut dan cookies	14,889	15,052	14,430	14,578	15,291	15,052	14,532
	10712 Pembuatan roti, kek dan produk bakeri lain	33,814	35,131	33,618	34,421	35,535	35,131	35,044
	10713 Pembuatan produk snek	9,620	9,845	9,581	9,671	9,904	9,845	9,868
	10721 Pembuatan gula	1,836	1,829	1,829	1,810	1,810	1,829	1,838
	10731 Pembuatan produk koko	2,644	2,405	2,569	2,403	2,380	2,405	2,424
	10732 Pembuatan coklat dan produk coklat							
	& 10733 Pembuatan konfeksi gula	8,634	8,716	8,682	8,562	8,665	8,716	8,804
	10793 Pembuatan sos dan bahan perasa	13,437	15,091	13,873	13,438	14,959	15,091	15,459
	10799 Pembuatan produk makanan lain t.t.t.l.	18,153	18,807	18,596	18,293	18,994	18,807	18,268
	Industri lain	38,825	39,266	38,979	38,855	39,064	39,266	39,653
108/ 10800	Pembuatan makanan haiwan tersedia	13,666	13,914	13,947	13,790	13,652	13,914	14,351
110	Pembuatan minuman ringan	16,805	17,239	17,129	17,336	16,952	17,239	17,602
	11041 Pembuatan minuman ringan	10,717	11,025	10,884	11,080	10,826	11,025	11,123
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,111	4,234	4,247	4,238	4,176	4,234	4,446
	Industri lain	1,976	1,981	1,998	2,018	1,951	1,981	2,033
120/ 12000	Pembuatan produk tembakau	1,259	1,278	1,331	1,251	1,274	1,278	1,343
131	Pemintalan, penenunan dan penyiapan tekstil	13,207	13,753	13,470	13,726	13,878	13,753	13,746
	13110 Penyediaan dan pemintalan gentian tekstil							
	& 13120 Penenunan tekstil	9,168	9,339	9,433	9,611	9,309	9,339	9,391
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,592	3,928	3,568	3,638	4,074	3,928	3,883
	Industri lain	447	486	469	478	495	486	472
139	Pembuatan tekstil lain	15,096	14,845	14,854	14,914	14,920	14,845	14,628
	13910 Pembuatan fabrik dikait dan dikrusye	5,531	5,465	5,407	5,552	5,483	5,465	5,276
	Industri lain	9,564	9,380	9,447	9,361	9,436	9,380	9,353
141	Pembuatan pakaian, kecuali pakaian berbulu	43,688	43,092	44,375	43,995	43,208	43,092	44,747
	14102 Pembuatan pakaian	31,863	31,431	32,580	32,287	31,514	31,431	32,810
	Industri lain	11,825	11,661	11,795	11,708	11,693	11,661	11,936
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,093	1,050	1,099	1,095	1,106	1,050	1,056
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,808	5,752	5,680	5,579	5,856	5,752	5,682
152	Pembuatan kasut	7,071	7,415	7,209	7,280	7,285	7,415	7,457
	15201 & 15203 Pembuatan kasut kulit							
	15203 Pembuatan kasut getah	3,719	3,741	3,731	3,729	3,682	3,741	3,600
	Industri lain	3,352	3,674	3,478	3,551	3,603	3,674	3,857
161/ 16100	Pengilangan dan pengetaman kayu	24,448	24,600	24,271	24,178	24,415	24,600	24,358

		2024	2025	2024					Group Description/Period
Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mar.	Apr.		
15,419	16,349	15,222	16,213	14,832	14,925	14,966	14,891	Processing and preserving of meat	
17,397	16,835	17,155	16,565	17,808	17,743	17,616	17,849	Processing and preserving of fish, crustaceans and molluscs	
								Canning of fish, crustaceans and molluscs	
14,352	13,734	14,014	13,430	14,874	14,747	14,642	14,851	Processing, curing and preserving of fish, crustacean and molluscs	
3,045	3,101	3,141	3,135	2,934	2,996	2,974	2,998	Other industry	
9,843	9,665	9,541	9,645	10,503	10,712	10,789	10,740	Processing and preserving of fruits and vegetable	
								Pineapple canning	
512	489	541	496	546	601	583	587	Manufacture of jams, marmalades and table jellies	
9,331	9,176	9,000	9,149	9,957	10,112	10,206	10,152	Other industry	
93,020	94,831	91,778	94,800	89,773	89,390	89,298	89,531	Manufacture of vegetable and animal oils and fats	
								Manufacture of crude and refined vegetable oil	
4,838	4,841	4,781	4,835	4,426	4,588	4,604	4,690	Manufacture of compound cooking fats	
2,683	2,672	2,653	2,672	2,669	2,673	2,669	2,669	Manufacture of coconut oil	
85,498	87,318	84,344	87,294	82,678	82,129	82,025	82,172	Other industry	
14,183	14,225	14,173	14,156	14,023	13,937	14,144	14,160	Manufacture of dairy products	
10,057	10,108	9,984	10,024	10,060	9,972	10,197	10,182	Manufacture of condensed, powdered and evaporated milk	
4,126	4,117	4,189	4,133	3,962	3,964	3,947	3,978	Other industry	
11,728	12,009	11,709	11,913	11,615	11,351	11,325	11,255	Manufacture of grain mill products, starches and starch products	
5,601	5,613	5,567	5,539	5,492	5,517	5,438	5,395	Rice milling	
5,325	5,608	5,311	5,606	5,226	4,940	4,992	4,977	Flour milling	
801	787	832	769	897	893	895	882	Other industry	
145,186	147,699	146,711	148,094	143,476	142,916	142,155	143,154	Manufacture of other food products	
14,608	15,402	15,171	15,388	14,944	14,786	14,430	14,408	Manufacture of biscuits and cookies	
35,656	36,961	35,309	36,722	34,029	34,078	33,618	34,687	Manufacture of bread, cakes and other bakery products	
9,852	9,707	9,978	9,947	9,784	9,626	9,581	9,574	Manufacture of snack products	
1,878	1,881	1,804	1,872	1,839	1,843	1,829	1,825	Manufacture of sugar	
2,364	2,348	2,395	2,337	2,653	2,647	2,569	2,530	Manufacture of cocoa products	
								Manufacture of chocolate and chocolate products	
8,693	8,450	8,722	8,369	8,761	8,708	8,682	8,613	Manufacture of sugar confectionery	
14,564	15,947	15,117	16,110	13,754	13,723	13,873	13,897	Manufacture of sauces and condiments	
17,958	17,456	18,867	17,512	18,611	18,669	18,596	18,544	Manufacture of other food products n.e.c.	
39,613	39,548	39,349	39,837	39,100	38,836	38,979	39,074	Other industry	
13,945	14,052	13,833	14,012	13,905	13,915	13,947	13,963	Manufacture of prepared animal feeds	
17,930	17,585	17,043	17,658	17,041	17,045	17,129	17,275	Manufacture of beverages	
11,345	11,178	10,888	10,963	10,808	10,787	10,884	10,989	Manufacture of soft drinks	
4,580	4,491	4,208	4,743	4,259	4,262	4,247	4,260	Production of natural mineral waters and other bottled waters	
2,004	1,917	1,947	1,952	1,974	1,996	1,998	2,026	Other industry	
1,271	1,304	1,265	1,295	1,272	1,320	1,331	1,256	Manufacture of tobacco products	
13,911	13,830	13,762	13,661	13,152	13,122	13,470	13,587	Spinning, weaving and finishing of textiles	
								Preparation and spinning of textile fibres	
9,487	9,273	9,317	9,102	9,112	9,092	9,433	9,591	Weaving of textiles	
3,963	4,106	3,960	4,119	3,588	3,577	3,568	3,527	Dyeing, bleaching, printing and finishing of yarns and fabrics	
461	451	486	440	453	453	469	469	Other industry	
14,795	15,066	14,857	15,029	15,312	14,871	14,854	14,866	Manufacture of other textiles	
5,456	5,647	5,466	5,613	5,594	5,391	5,407	5,422	Manufacture of knitted and crocheted fabrics	
9,339	9,419	9,391	9,417	9,717	9,480	9,447	9,444	Other industry	
44,104	43,775	42,804	43,389	44,103	44,189	44,375	44,187	Manufacture of wearing apparel, except fur apparel	
32,435	32,441	31,195	32,146	32,271	32,361	32,580	32,374	Manufacture of clothings	
11,669	11,334	11,609	11,243	11,831	11,828	11,795	11,813	Other industry	
1,020	1,013	1,056	954	1,100	1,098	1,099	1,126	Manufacture of articles of fur, knitted and crocheted apparel	
5,668	5,944	5,821	5,863	5,772	5,751	5,680	5,665	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	
7,332	7,400	7,426	7,520	7,181	7,270	7,209	7,186	Manufacture of footwear	
								Manufacture of leather footwear	
3,606	3,528	3,768	3,532	3,827	3,802	3,731	3,687	Manufacture of rubber footwear	
3,726	3,872	3,658	3,988	3,354	3,467	3,478	3,499	Other industry	
24,955	25,437	24,631	26,157	24,204	23,918	24,271	24,315	Sawmilling and planning of wood	

Jadual
Table **1.5a** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan (samb.)
: Number of Paid Employees of Manufacturing Sector by Group (cont.)

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2025								
		Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.
101	Pemprosesan dan pengawetan daging	14,941	14,548	14,629	14,631	15,288	15,250	15,222	15,265	15,393
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,864	17,657	17,485	17,199	17,410	17,140	17,155	17,394	17,626
	10201 & 10202 Pengetinan ikan, krustasea dan moluska									
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,874	14,690	14,481	14,025	14,245	14,105	14,014	14,280	14,536
	Industri lain	2,990	2,967	3,004	3,173	3,165	3,035	3,141	3,114	3,091
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,497	10,401	10,171	10,041	9,719	9,640	9,541	9,524	9,750
	10303 & 10304 Pengetinan nanas	563	567	566	554	548	540	541	540	516
	10304 Pembuatan jem, marmalad dan sajian jeli									
	Industri lain	9,933	9,834	9,606	9,487	9,172	9,100	9,000	8,984	9,234
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,947	90,516	91,435	91,307	91,201	91,158	91,778	92,217	92,195
	10404 & 10406 Pembuatan minyak sayuran mentah dan bertapis	4,682	4,666	4,668	4,796	4,772	4,796	4,781	4,782	4,913
	10405 Pembuatan minyak kelapa	2,672	2,665	2,672	2,669	2,662	2,666	2,653	2,653	2,716
	Industri lain	82,592	83,184	84,096	83,842	83,767	83,696	84,344	84,782	84,565
105	Pembuatan produk tenusu	14,266	14,003	14,033	14,216	14,208	14,158	14,173	14,135	14,075
	10502 Pembuatan susu pekat, tepung dan sejat	10,273	9,969	9,989	10,093	10,041	9,973	9,984	9,963	9,888
	Industri lain	3,993	4,034	4,044	4,123	4,167	4,185	4,189	4,172	4,187
106	Pembuatan produk bijian, kanji dan produk	11,224	11,202	11,092	11,254	11,819	11,766	11,709	11,591	11,764
	10611 Pengilangan beras	5,381	5,309	5,282	5,391	5,715	5,664	5,567	5,524	5,667
	10613 Pengilangan tepung	4,967	5,005	4,918	4,996	5,243	5,264	5,311	5,236	5,277
	Industri lain	876	888	892	866	860	838	832	831	820
107	Pembuatan produk makanan lain	143,362	142,049	143,903	145,642	146,602	147,073	146,711	146,141	147,147
	10711 Pembuatan biskut dan cookies	14,575	14,578	15,020	15,159	15,291	15,210	15,171	15,052	14,876
	10712 Pembuatan roti, kek dan produk bakeri lain	34,712	34,421	35,257	35,470	35,535	35,386	35,309	35,131	35,255
	10713 Pembuatan produk snek	9,624	9,671	9,737	9,713	9,904	9,945	9,978	9,845	9,832
	10721 Pembuatan gula	1,831	1,829	1,822	1,816	1,810	1,801	1,804	1,829	1,829
	10731 Pembuatan produk koko	2,420	2,403	2,392	2,376	2,380	2,388	2,395	2,405	2,495
	10732 Pembuatan coklat dan produk coklat									
	& 10733 Pembuatan konfeksi gula	8,638	8,562	8,652	8,555	8,665	8,744	8,722	8,716	8,799
	10793 Pembuatan sos dan bahan perasa	13,753	13,438	13,612	14,912	14,959	15,112	15,117	15,091	15,478
	10799 Pembuatan produk makanan lain t.t.t.l.	18,562	18,293	18,634	18,605	18,994	18,956	18,867	18,807	19,169
	Industri lain	39,246	38,855	38,776	39,036	39,064	39,529	39,349	39,266	39,415
108/ 10800	Pembuatan makanan haiwan tersedia	13,983	13,790	13,759	13,873	13,652	13,783	13,833	13,914	14,303
110	Pembuatan minuman ringan	17,289	17,336	17,274	16,922	16,952	17,086	17,043	17,239	17,468
	11041 Pembuatan minuman ringan	11,000	11,080	11,046	10,761	10,826	10,910	10,888	11,025	11,044
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,280	4,238	4,228	4,169	4,176	4,210	4,208	4,234	4,394
	Industri lain	2,009	2,018	2,001	1,992	1,951	1,966	1,947	1,981	2,030
120/ 12000	Pembuatan produk tembakau	1,245	1,251	1,245	1,179	1,274	1,275	1,265	1,278	1,287
131	Pemintalan, penenunan dan penyiapan tekstil	13,871	13,726	13,822	13,831	13,878	13,731	13,762	13,753	13,724
	13110 Penyediaan dan pemintalan gentian tekstil									
	& 13120 Penenunan tekstil	9,748	9,611	9,492	9,391	9,309	9,268	9,317	9,339	9,331
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,629	3,638	3,869	3,963	4,074	3,977	3,960	3,928	3,914
	Industri lain	494	478	461	477	495	486	486	486	479
139	Pembuatan tekstil lain	15,028	14,914	14,725	14,903	14,920	14,929	14,857	14,845	14,939
	13910 Pembuatan fabrik dikait dan dikrusye	5,596	5,552	5,493	5,557	5,483	5,468	5,466	5,465	5,462
	Industri lain	9,432	9,361	9,232	9,346	9,436	9,461	9,391	9,380	9,478
141	Pembuatan pakaian, kecuali pakaian berbulu	44,384	43,995	43,602	42,641	43,208	42,549	42,804	43,092	44,431
	14102 Pembuatan pakaian	32,615	32,287	32,059	31,071	31,514	30,938	31,195	31,431	32,641
	Industri lain	11,769	11,708	11,543	11,570	11,693	11,610	11,609	11,661	11,790
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,120	1,095	1,091	1,077	1,106	1,050	1,056	1,050	1,056
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,646	5,579	5,615	5,690	5,856	5,851	5,821	5,752	5,750
152	Pembuatan kasut	7,291	7,280	7,210	7,175	7,285	7,370	7,426	7,415	7,411
	15201 & 15203 Pembuatan kasut kulit	3,730	3,729	3,667	3,684	3,682	3,726	3,768	3,741	3,733
	15203 Pembuatan kasut getah									
	Industri lain	3,560	3,551	3,543	3,492	3,603	3,644	3,658	3,674	3,677
161/ 16100	Pengilangan dan pengetaman kayu	24,708	24,178	23,901	24,645	24,415	24,524	24,631	24,600	24,491

										Group Description/Period
Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
15,084	15,194	15,359	15,392	15,419	15,400	15,531	16,349	16,322	16,213	Processing and preserving of meat
17,532	17,537	17,582	17,455	17,397	17,485	16,916	16,835	16,827	16,565	Processing and preserving of fish, crustaceans and molluscs
										Canning of fish, crustaceans and molluscs
14,434	14,459	14,496	14,381	14,352	14,392	13,824	13,734	13,663	13,430	Processing, curing and preserving of fish, crustacean and molluscs
3,098	3,077	3,086	3,074	3,045	3,093	3,092	3,101	3,164	3,135	Other industry
9,859	9,754	9,806	9,762	9,843	9,748	9,660	9,665	9,574	9,645	Processing and preserving of fruits and vegetable
										Pineapple canning
551	548	543	517	512	511	497	489	489	496	Manufacture of jams, marmalades and table jellies
9,308	9,207	9,263	9,245	9,331	9,237	9,163	9,176	9,085	9,149	Other industry
91,940	91,634	91,381	91,901	93,020	93,879	95,165	94,831	95,082	94,800	Manufacture of vegetable and animal oils and fats
										Manufacture of crude and refined vegetable oil
4,839	4,828	4,829	4,848	4,838	4,803	4,900	4,841	4,881	4,835	Manufacture of compound cooking fats
2,705	2,697	2,689	2,693	2,683	2,683	2,676	2,672	2,672	2,672	Manufacture of coconut oil
84,396	84,109	83,863	84,360	85,498	86,392	87,590	87,318	87,528	87,294	Other industry
13,947	14,370	14,394	14,261	14,183	14,143	14,046	14,225	14,154	14,156	Manufacture of dairy products
9,888	10,234	10,271	10,178	10,057	10,055	10,045	10,108	10,029	10,024	Manufacture of condensed, powdered and evaporated milk
4,059	4,136	4,123	4,084	4,126	4,088	4,001	4,117	4,125	4,133	Other industry
12,013	11,929	11,833	11,737	11,728	11,646	11,652	12,009	11,900	11,913	Manufacture of grain mill products, starches and starch products
5,800	5,767	5,711	5,669	5,601	5,529	5,547	5,613	5,556	5,539	Rice milling
5,401	5,353	5,325	5,273	5,325	5,323	5,313	5,608	5,573	5,606	Flour milling
812	809	797	796	801	794	793	787	770	769	Other industry
146,959	145,892	146,911	146,998	145,186	146,379	148,115	147,699	148,114	148,094	Manufacture of other food products
14,490	14,532	14,421	14,596	14,608	15,158	15,252	15,402	15,331	15,388	Manufacture of biscuits and cookies
35,051	35,044	35,964	35,938	35,656	36,831	37,033	36,961	36,858	36,722	Manufacture of bread, cakes and other bakery products
9,837	9,868	9,838	9,814	9,852	9,832	9,774	9,707	9,926	9,947	Manufacture of snack products
1,827	1,838	1,860	1,851	1,878	1,875	1,869	1,881	1,870	1,872	Manufacture of sugar
2,501	2,424	2,484	2,365	2,364	2,361	2,336	2,348	2,342	2,337	Manufacture of cocoa products
										Manufacture of chocolate and chocolate products
8,890	8,804	8,995	8,945	8,693	8,638	8,538	8,450	8,331	8,369	Manufacture of sugar confectionery
15,504	15,459	15,404	15,446	14,564	14,548	16,030	15,947	16,120	16,110	Manufacture of sauces and condiments
19,224	18,268	18,279	18,209	17,958	17,570	17,718	17,456	17,450	17,512	Manufacture of other food products n.e.c.
39,636	39,653	39,666	39,834	39,613	39,567	39,565	39,548	39,886	39,837	Other industry
14,308	14,351	14,340	14,026	13,945	13,883	14,021	14,052	13,937	14,012	Manufacture of prepared animal feeds
17,505	17,602	17,684	17,778	17,930	17,903	17,578	17,585	17,738	17,658	Manufacture of beverages
11,044	11,123	11,072	11,202	11,345	11,331	11,141	11,178	11,071	10,963	Manufacture of soft drinks
4,425	4,446	4,580	4,582	4,580	4,593	4,468	4,491	4,741	4,743	Production of natural mineral waters and other bottled waters
2,037	2,033	2,032	1,994	2,004	1,979	1,969	1,917	1,926	1,952	Other industry
1,333	1,343	1,276	1,262	1,271	1,262	1,200	1,304	1,302	1,295	Manufacture of tobacco products
13,545	13,746	13,978	14,217	13,911	13,750	13,781	13,830	13,718	13,661	Spinning, weaving and finishing of textiles
										Preparation and spinning of textile fibres
9,156	9,391	9,519	9,781	9,487	9,419	9,336	9,273	9,167	9,102	Weaving of textiles
3,909	3,883	3,977	3,954	3,963	3,904	4,003	4,106	4,111	4,119	Dyeing, bleaching, printing and finishing of yarns and fabrics
480	472	482	482	461	427	442	451	440	440	Other industry
14,588	14,628	14,689	14,898	14,795	14,918	15,018	15,066	15,085	15,029	Manufacture of other textiles
5,267	5,276	5,405	5,496	5,456	5,587	5,574	5,647	5,668	5,613	Manufacture of knitted and crocheted fabrics
9,321	9,353	9,284	9,402	9,339	9,332	9,444	9,419	9,417	9,417	Other industry
44,600	44,747	44,495	44,547	44,104	43,879	43,004	43,775	43,058	43,389	Manufacture of wearing apparel, except fur apparel
32,597	32,810	32,683	32,820	32,435	32,645	31,568	32,441	31,822	32,146	Manufacture of clothings
12,003	11,936	11,812	11,726	11,669	11,234	11,436	11,334	11,236	11,243	Other industry
1,056	1,056	1,056	1,062	1,020	1,026	1,013	1,013	954	954	Manufacture of articles of fur, knitted and crocheted apparel
										Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
5,752	5,682	5,708	5,757	5,668	5,641	5,725	5,944	5,889	5,863	
7,541	7,457	7,406	7,331	7,332	7,391	7,319	7,400	7,437	7,520	Manufacture of footwear
										Manufacture of leather footwear
3,739	3,600	3,571	3,545	3,606	3,610	3,535	3,528	3,488	3,532	Manufacture of rubber footwear
3,802	3,857	3,835	3,786	3,726	3,780	3,784	3,872	3,949	3,988	Other industry
24,804	24,358	25,187	25,532	24,955	24,630	25,647	25,437	25,964	26,157	Sawmilling and planning of wood

Jadual
Table

1.5a

: Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan
: Number of Paid Employees of Manufacturing Sector by Group

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025
				Q1	Q2	Q3	Q4	Q1
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	69,802	70,057	67,760	69,742	69,343	70,057	68,130
16211	Pembuatan kepingan venier dan papan lapis	39,618	40,672	37,829	39,264	40,119	40,672	39,443
16212	Pembuatan papan partikel dan papan gentian	6,961	7,176	7,008	7,317	7,236	7,176	7,063
16221	Pertukangan kayu untuk jurubina	9,650	8,510	9,627	9,443	8,782	8,510	8,583
	Industri lain	13,573	13,699	13,296	13,719	13,206	13,699	13,041
170	Pembuatan kertas dan produk kertas	59,265	59,633	59,848	58,041	58,867	59,633	60,020
17010	Pembuatan pulpa, kertas dan kertas tebal	9,041	9,576	9,297	8,753	9,061	9,576	10,133
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	23,505	23,067	23,403	22,740	23,039	23,067	22,980
17091	Pembuatan sampul surat dan kad surat	1,762	1,717	1,715	1,675	1,678	1,717	1,706
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	11,370	11,109	11,361	10,882	11,097	11,109	10,904
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	7,480	7,557	7,856	7,854	7,541	7,557	7,923
	Industri lain	6,107	6,608	6,215	6,137	6,450	6,608	6,372
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	71,281	71,820	68,381	68,032	69,023	71,820	68,785
	18110 Percetakan	58,603	58,927	56,011	55,417	56,714	58,927	56,515
	18120 Aktiviti perkhidmatan berkaitan percetakan							
	& 18200 Penerbitan semula media rakaman	12,678	12,894	12,370	12,615	12,309	12,894	12,270
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	18,473	18,556	18,821	18,324	18,286	18,556	19,016
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	47,699	50,231	49,133	48,962	49,178	50,231	51,313
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	6,330	7,272	6,818	6,938	7,043	7,272	7,183
20112 & 20113	Pembuatan kimia organik asas	19,255	20,199	19,676	19,527	19,761	20,199	20,662
20121 & 20129	Pembuatan sebatian bukan organik							
20121	Pembuatan baja	7,201	7,085	7,397	7,327	7,130	7,085	7,357
20129	Pembuatan produk campuran nitrogen							
20131	Pembuatan plastik dalam bentuk primer	11,649	12,111	11,866	11,793	11,811	12,111	12,456
	Industri lain	3,264	3,564	3,377	3,377	3,432	3,564	3,655
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	55,846	54,191	56,350	55,669	53,680	54,191	54,781
20210	Pembuatan racun perosak dan produk agrokimia lain	4,587	5,093	4,643	4,691	5,005	5,093	5,055
20221	Pembuatan cat, varnis dan penyadur dan mastik	9,587	9,564	10,133	9,706	9,419	9,564	9,659
20222	Pembuatan dakwat cetak	5,924	5,680	6,068	6,094	5,704	5,680	5,816
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	20,041	19,182	19,883	19,772	19,131	19,182	19,893
20232	Pembuatan pewangi dan penyediaan dandanan diri							
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials							
20292	Pembuatan dakwat menulis dan melukis	15,435	14,430	15,334	15,132	14,181	14,430	14,106
20299	Pembuatan produk kimia lain t.t.t.l.							
	Industri lain	273	240	288	273	240	240	252
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	27,967	28,795	27,334	28,060	29,377	28,795	27,877
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	19,519	20,296	18,758	19,397	20,577	20,296	19,334
	Industri lain	8,448	8,498	8,576	8,662	8,801	8,498	8,543
221	Pembuatan produk getah	117,399	114,605	115,414	110,997	115,321	114,605	111,798
22111	Pembuatan tayar getah untuk kenderaan	6,790	6,537	6,761	6,736	6,586	6,537	6,501
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2,564	2,468	2,566	2,490	2,479	2,468	2,498
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	18,551	17,566	18,997	19,213	17,804	17,566	17,409
22193	Pengilangan semula getah dan prosesan susu getah							
22192	Pembuatan sarung tangan getah	56,913	55,571	54,956	51,979	55,956	55,571	53,566
22199	Pembuatan produk getah lain yang t.t.t.l.	32,581	32,463	32,134	30,578	32,496	32,463	31,824
222	Pembuatan produk plastik	164,184	167,831	163,740	165,999	167,284	167,831	167,103
22201 & 22202	Pembuatan produk plastik separa siap	38,248	38,825	37,765	38,681	39,040	38,825	38,877
22202	Pembuatan produk plastik siap							
22203	Pembuatan artikel plastik untuk pembungkusan barangan	53,304	54,379	53,214	53,279	54,387	54,379	53,935
22204	Pembuatan barangan plastik jurubina	3,666	3,865	3,699	3,752	3,784	3,865	3,814
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	14,272	14,407	14,756	14,749	14,397	14,407	14,215
22209	Pembuatan pelbagai produk plastik t.t.t.l.	54,694	56,355	54,306	55,539	55,677	56,355	56,262
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	20,742	21,793	21,080	22,378	22,541	21,793	21,450

		2024	2025	2024					Group Description/Period
Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mar.	Apr.		
69,146	67,771	70,816	69,067	69,268	69,320	67,760	68,578	Manufacture of products of wood, cork, straw and plaiting materials	
40,112	39,256	41,213	40,356	38,924	38,998	37,829	38,048	Manufacture of veneer sheets and plywood	
7,072	7,083	7,186	7,007	6,921	7,077	7,008	7,012	Manufacture of particle board and fibreboard	
8,485	8,320	8,726	8,209	9,739	9,692	9,627	9,597	Manufacture of builders' carpentry	
13,477	13,112	13,692	13,494	13,684	13,554	13,296	13,921	Other industry	
58,085	58,667	59,564	59,343	59,457	59,910	59,848	59,082	Manufacture of paper and paper products	
9,523	9,316	9,229	9,490	9,333	9,357	9,297	9,276	Manufacture of pulp, paper and paperboard	
21,969	22,437	23,261	22,621	23,312	23,406	23,403	22,775	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	
1,661	1,642	1,717	1,659	1,768	1,768	1,715	1,686	Manufacture of envelopes and letter-card	
10,929	11,564	11,151	11,628	11,397	11,420	11,361	11,332	Manufacture of household and personal hygiene paper	
7,679	7,293	7,469	7,378	7,512	7,832	7,856	7,875	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper	
6,325	6,415	6,737	6,567	6,134	6,127	6,215	6,137	Other industry	
68,940	70,290	71,857	72,008	68,570	68,558	68,381	67,899	Printing, service activities related to printing and reproduction of recorded media	
56,687	57,816	59,102	59,213	56,145	56,099	56,011	55,475	Printing	
12,253	12,474	12,755	12,795	12,424	12,460	12,370	12,423	Service activities related to printing	
								Reproduction of recorded media	
18,692	18,812	18,614	19,057	18,245	18,511	18,821	18,538	Manufacture of refined petroleum products	
50,781	49,556	50,235	50,425	48,215	48,536	49,133	49,523	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	
7,059	6,937	7,277	7,025	6,531	6,520	6,818	6,829	Manufacture of liquefied or compressed inorganic industrial or medical gases	
								Manufacture of basic organic chemicals	
20,402	19,849	20,135	20,264	19,246	19,452	19,676	19,831	Manufacture of inorganic compounds	
								Manufacture of fertilizers	
7,340	7,005	7,235	7,094	7,363	7,360	7,397	7,569	Manufacture of associated nitrogen products	
12,389	12,177	12,070	12,426	11,738	11,855	11,866	11,907	Manufacture of plastics in primary forms	
3,590	3,589	3,518	3,617	3,337	3,350	3,377	3,388	Other industry	
53,664	52,782	54,072	53,138	55,744	55,915	56,350	55,798	Manufacture of other chemical products and man-made fibres	
4,979	5,161	5,099	5,314	4,655	4,629	4,643	4,672	Manufacture of pesticides and other agrochemical products	
9,030	8,968	9,467	8,939	9,854	9,874	10,133	9,749	Manufacture of paints, varnishes and similar coatings ink and mastics	
5,845	5,823	5,692	5,845	5,968	5,957	6,068	6,110	Manufacture of printing ink	
								Manufacture of soap and detergents, cleaning and polishing preparations	
19,740	19,308	19,218	19,396	19,489	19,756	19,883	19,773	Manufacture of perfumes and toilet preparations	
								Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials	
13,816	13,284	14,356	13,407	15,505	15,419	15,334	15,211	Manufacture of writing and drawing ink	
								Manufacture of other chemical products n.e.c.	
254	238	239	237	273	280	288	282	Other industry	
28,717	30,297	28,793	29,659	27,305	27,303	27,334	28,522	Manufacture of pharmaceuticals, medicinal chemical and botanical products	
20,177	21,392	20,296	21,210	18,859	18,831	18,758	19,871	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments	
8,541	8,905	8,496	8,449	8,446	8,472	8,576	8,652	Other industry	
106,685	108,446	114,762	107,260	116,188	115,900	115,414	114,288	Manufacture of rubber products	
6,162	6,227	6,595	6,250	6,834	6,787	6,761	6,860	Manufacture of rubber tyres for vehicles	
2,435	2,410	2,471	2,353	2,571	2,581	2,566	2,554	Manufacture of interchangeable tyre treads and retreading rubber tyres	
17,231	15,512	17,596	15,382	18,842	18,961	18,997	19,216	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened	
								Rubber remilling and latex processing	
50,254	51,374	55,575	49,893	55,205	55,242	54,956	53,407	Manufacture of rubber gloves	
30,603	32,923	32,525	33,382	32,736	32,329	32,134	32,251	Manufacture of other rubber products n.e.c.	
167,717	171,285	169,184	171,969	164,713	164,009	163,740	166,306	Manufacture of plastics products	
								Manufacture of semi-manufactures of plastic products	
38,914	38,881	39,045	39,726	38,153	38,275	37,765	39,064	Manufacture of finished plastic products	
54,193	55,250	54,670	55,740	53,552	53,375	53,214	53,721	Manufacture of plastic articles for the packing of goods	
3,816	3,733	3,855	3,785	3,729	3,699	3,699	3,744	Manufacture of builders' plastics ware	
13,932	13,898	14,427	13,883	14,657	14,639	14,756	14,733	Manufacture of plastic tableware, kitchenware and toilet articles	
56,863	59,522	57,187	58,834	54,622	54,021	54,306	55,045	Manufacture of diverse plastic products n.e.c.	
21,311	21,798	21,936	21,556	20,798	20,939	21,080	21,294	Manufacture of glass and glass products	

Jadual
Table **1.5a** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan (samb.)
: Number of Paid Employees of Manufacturing Sector by Group (cont.)

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2025									
		Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	69,747	69,742	70,073	68,634	69,343	69,794	70,816	70,057	69,229	
16211	Pembuatan kepingan venier dan papan lapis	38,937	39,264	39,783	39,326	40,119	40,254	41,213	40,672	39,933	
16212	Pembuatan papan partikel dan papan gentian	7,314	7,317	7,247	7,212	7,236	7,276	7,186	7,176	7,131	
16221	Pertukangan kayu untuk jurubina	9,564	9,443	9,432	8,803	8,782	8,725	8,726	8,510	8,648	
	Industri lain	13,932	13,719	13,611	13,293	13,206	13,539	13,692	13,699	13,517	
170	Pembuatan kertas dan produk kertas	58,102	58,041	57,797	58,093	58,867	59,728	59,564	59,633	59,654	
17010	Pembuatan pulpa, kertas dan kertas tebal	8,772	8,753	8,789	9,065	9,061	9,270	9,229	9,576	9,918	
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	22,731	22,740	22,431	22,563	23,039	23,335	23,261	23,067	22,959	
17091	Pembuatan sampul surat dan kad surat	1,689	1,675	1,684	1,686	1,678	1,689	1,717	1,717	1,722	
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	10,884	10,882	10,703	10,679	11,097	11,253	11,151	11,109	11,012	
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	7,843	7,854	7,892	7,607	7,541	7,548	7,469	7,557	7,534	
	Industri lain	6,182	6,137	6,298	6,492	6,450	6,633	6,737	6,608	6,509	
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	68,016	68,032	68,063	69,364	69,023	70,855	71,857	71,820	68,958	
18110	Percetakan	55,460	55,417	55,378	56,784	56,714	58,114	59,102	58,927	56,528	
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan	12,556	12,615	12,686	12,580	12,309	12,741	12,755	12,894	12,430	
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	18,340	18,324	18,405	18,459	18,286	18,537	18,614	18,556	18,603	
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	49,143	48,962	48,889	49,439	49,178	49,911	50,235	50,231	50,397	
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	6,921	6,938	6,966	6,982	7,043	7,079	7,277	7,272	7,264	
20112 & 20113	Pembuatan kimia organik asas	19,624	19,527	19,587	19,840	19,761	20,165	20,135	20,199	20,107	
20121 & 20129	Pembuatan sebatian bukan organik	7,336	7,327	7,312	7,335	7,130	7,175	7,235	7,085	7,166	
20121 & 20129	Pembuatan baja	7,336	7,327	7,312	7,335	7,130	7,175	7,235	7,085	7,166	
20131	Pembuatan produk campuran nitrogen	11,882	11,793	11,633	11,844	11,811	11,961	12,070	12,111	12,303	
	Pembuatan plastik dalam bentuk primer	3,379	3,377	3,391	3,439	3,432	3,531	3,518	3,564	3,558	
	Industri lain	3,379	3,377	3,391	3,439	3,432	3,531	3,518	3,564	3,558	
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	55,900	55,669	54,842	54,795	53,680	54,027	54,072	54,191	54,103	
20210	Pembuatan racun perosak dan produk agrokimia lain	4,700	4,691	4,683	4,877	5,005	5,099	5,099	5,093	5,057	
20221	Pembuatan cat, varnis dan penyadur dan mastik	9,712	9,706	9,601	9,565	9,419	9,421	9,467	9,564	9,446	
20222	Pembuatan dakwat cetak	6,084	6,094	5,658	5,679	5,704	5,696	5,692	5,680	5,725	
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	19,937	19,772	19,639	19,758	19,131	19,204	19,218	19,182	19,319	
20232	Pembuatan pewangi dan penyediaan dandanan diri	19,937	19,772	19,639	19,758	19,131	19,204	19,218	19,182	19,319	
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	15,187	15,132	14,991	14,661	14,181	14,365	14,356	14,430	14,315	
20292 & 20299	Pembuatan dakwat menulis dan melukis	15,187	15,132	14,991	14,661	14,181	14,365	14,356	14,430	14,315	
20299	Pembuatan produk kimia lain t.t.t.l.	280	273	270	255	240	242	239	240	242	
	Industri lain	280	273	270	255	240	242	239	240	242	
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	28,114	28,060	28,554	29,409	29,377	29,526	28,793	28,795	28,111	
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	19,383	19,397	19,739	20,583	20,577	20,622	20,296	20,296	19,555	
	Industri lain	8,730	8,662	8,815	8,826	8,801	8,904	8,496	8,498	8,555	
221	Pembuatan produk getah	113,842	110,997	111,326	114,375	115,321	115,258	114,762	114,605	113,329	
22111	Pembuatan tayar getah untuk kenderaan	6,825	6,736	6,623	6,577	6,586	6,558	6,595	6,537	6,503	
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2,550	2,490	2,515	2,468	2,479	2,525	2,471	2,468	2,498	
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	19,132	19,213	19,159	18,060	17,804	17,692	17,596	17,566	17,430	
22193	Pengilangan semula getah dan prosesan susu getah	19,132	19,213	19,159	18,060	17,804	17,692	17,596	17,566	17,430	
22192	Pembuatan sarung tangan getah	53,068	51,979	52,129	55,182	55,956	55,653	55,575	55,571	54,214	
22199	Pembuatan produk getah lain yang t.t.t.l.	32,266	30,578	30,899	32,088	32,496	32,831	32,525	32,463	32,684	
222	Pembuatan produk plastik	167,104	165,999	169,568	167,163	167,284	167,656	169,184	167,831	168,055	
22201 & 22202	Pembuatan produk plastik separa siap	39,436	38,681	38,716	38,939	39,040	38,895	39,045	38,825	38,933	
22202	Pembuatan produk plastik siap	39,436	38,681	38,716	38,939	39,040	38,895	39,045	38,825	38,933	
22203	Pembuatan artikel plastik untuk pembungkusan barangan	53,690	53,279	53,356	53,552	54,387	54,824	54,670	54,379	54,219	
22204	Pembuatan barangan plastik jurubina	3,761	3,752	3,715	3,717	3,784	3,814	3,855	3,865	3,809	
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	14,719	14,749	14,794	14,759	14,397	14,434	14,427	14,407	14,318	
22209	Pembuatan pelbagai produk plastik t.t.t.l.	55,499	55,539	58,987	56,196	55,677	55,688	57,187	56,355	56,775	
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	22,204	22,378	21,729	22,497	22,541	22,212	21,936	21,793	21,595	

										Group Description/Period
Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
69,120	68,130	68,629	69,239	69,146	69,743	68,769	67,771	67,953	69,067	Manufacture of products of wood, cork, straw and plaiting materials
39,997	39,443	39,548	40,220	40,112	40,900	40,234	39,256	39,298	40,356	Manufacture of veneer sheets and plywood
7,097	7,063	7,059	7,047	7,072	7,030	7,043	7,083	7,120	7,007	Manufacture of particle board and fibreboard
8,653	8,583	8,552	8,513	8,485	8,409	8,403	8,320	8,229	8,209	Manufacture of builders' carpentry
13,373	13,041	13,470	13,459	13,477	13,404	13,089	13,112	13,306	13,494	Other industry
60,260	60,020	59,355	58,296	58,085	58,119	58,343	58,667	59,626	59,343	Manufacture of paper and paper products
10,185	10,133	10,139	9,577	9,523	9,477	9,808	9,316	9,523	9,490	Manufacture of pulp, paper and paperboard
23,031	22,980	22,347	22,036	21,969	21,905	21,898	22,437	22,684	22,621	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,713	1,706	1,709	1,686	1,661	1,675	1,661	1,642	1,664	1,659	Manufacture of envelopes and letter-card
10,952	10,904	10,907	10,922	10,929	11,063	11,114	11,564	11,725	11,628	Manufacture of household and personal hygiene paper
7,909	7,923	7,909	7,750	7,679	7,626	7,290	7,293	7,467	7,378	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,469	6,372	6,344	6,323	6,325	6,373	6,574	6,415	6,562	6,567	Other industry
69,056	68,785	68,776	69,074	68,940	68,713	70,325	70,290	72,397	72,008	Printing, service activities related to printing and reproduction of recorded media
56,685	56,515	56,463	56,644	56,687	56,311	57,497	57,816	59,557	59,213	Printing
12,371	12,270	12,312	12,430	12,253	12,402	12,827	12,474	12,840	12,795	Service activities related to printing
										Reproduction of recorded media
18,857	19,016	18,861	18,622	18,692	18,843	18,963	18,812	19,023	19,057	Manufacture of refined petroleum products
50,981	51,313	51,425	51,049	50,781	50,290	50,234	49,556	50,299	50,425	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
7,198	7,183	7,136	7,126	7,059	6,827	6,806	6,937	7,073	7,025	Manufacture of liquefied or compressed inorganic industrial or medical gases
20,619	20,662	20,782	20,475	20,402	20,347	20,353	19,849	20,287	20,264	Manufacture of basic organic chemicals
7,158	7,357	7,425	7,362	7,340	7,284	7,282	7,005	7,030	7,094	Manufacture of inorganic compounds
12,410	12,456	12,478	12,484	12,389	12,220	12,202	12,177	12,296	12,426	Manufacture of fertilizers
3,597	3,655	3,603	3,602	3,590	3,613	3,592	3,589	3,613	3,617	Manufacture of associated nitrogen products
54,458	54,781	54,321	53,971	53,664	53,744	54,153	52,782	53,188	53,138	Manufacture of plastics in primary forms
5,038	5,055	5,061	5,012	4,979	4,951	5,180	5,161	5,298	5,314	Other industry
9,491	9,659	9,208	9,080	9,030	9,046	9,066	8,968	8,965	8,939	Manufacture of pharmaceuticals, medicinal chemical and botanical products
5,709	5,816	5,812	5,845	5,845	5,830	5,830	5,823	5,838	5,845	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
19,766	19,893	20,027	19,878	19,740	20,027	20,135	19,308	19,448	19,396	Other industry
14,210	14,106	13,959	13,904	13,816	13,638	13,689	13,284	13,401	13,407	Manufacture of pesticides and other agrochemical products
245	252	254	253	254	251	254	238	239	237	Manufacture of paints, varnishes and similar coatings ink and mastics
27,956	27,877	29,168	28,803	28,717	29,225	30,213	30,297	30,506	29,659	Manufacture of printing ink
19,356	19,334	20,641	20,286	20,177	20,517	21,351	21,392	21,645	21,210	Manufacture of soap and detergents, cleaning and polishing preparations
8,600	8,543	8,527	8,517	8,541	8,708	8,862	8,905	8,861	8,449	Manufacture of perfumes and toilet preparations
112,610	111,798	110,616	109,605	106,685	107,258	107,211	108,446	107,841	107,260	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
6,538	6,501	6,475	6,251	6,162	6,279	6,251	6,227	6,213	6,250	Manufacture of writing and drawing ink
2,507	2,498	2,454	2,435	2,435	2,486	2,429	2,410	2,378	2,353	Manufacture of other chemical products n.e.c.
17,363	17,409	17,317	17,218	17,231	17,092	15,756	15,512	15,379	15,382	Other industry
54,046	53,566	52,486	52,075	50,254	50,253	50,215	51,374	50,382	49,893	Manufacture of pharmaceuticals, medicinal chemical and botanical products
32,155	31,824	31,884	31,627	30,603	31,148	32,560	32,923	33,488	33,382	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
167,549	167,103	169,416	169,093	167,717	170,917	170,897	171,285	172,564	171,969	Other industry
39,006	38,877	39,790	39,761	38,914	38,893	38,773	38,881	39,790	39,726	Manufacture of rubber products
54,117	53,935	54,775	54,802	54,193	54,048	54,574	55,250	55,644	55,740	Manufacture of rubber tyres for vehicles
3,826	3,814	3,849	3,838	3,816	3,766	3,756	3,733	3,777	3,785	Manufacture of interchangeable tyre treads and retreading rubber tyres
14,271	14,215	14,199	13,923	13,932	13,925	13,896	13,898	13,889	13,883	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
56,328	56,262	56,803	56,768	56,863	60,285	59,897	59,522	59,464	58,834	Rubber remilling and latex processing
21,469	21,450	21,578	21,467	21,311	21,537	21,715	21,798	21,663	21,556	Manufacture of glass and glass products

Jadual
Table

1.5a

: Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan
: Number of Paid Employees of Manufacturing Sector by Group

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025
				Q1	Q2	Q3	Q4	Q1
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	88,491	87,598	84,706	85,089	87,310	87,598	87,230
23911 & 23921	Pembuatan mortar refraktori dan konkrit	9,801	9,203	9,010	8,758	8,766	9,203	9,090
23930	Pembuatan seramik bukan refraktori	4,467	4,141	4,364	4,290	4,339	4,141	4,141
23941	Pembuatan produk porselin dan seramik lain	7,374	7,458	7,153	7,107	7,396	7,458	7,576
23951	Pembuatan simen hidrolik	16,934	17,049	16,016	16,317	16,861	17,049	16,399
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan	31,244	29,738	29,317	29,654	29,910	29,738	30,062
23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	9,737	10,706	9,690	9,621	10,713	10,706	10,654
	Industri lain	8,934	9,303	9,157	9,342	9,324	9,303	9,309
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	57,448	59,399	57,788	57,789	59,261	59,399	58,976
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	40,119	38,810	40,203	39,877	38,905	38,810	39,083
243	Pengacuan logam	14,589	14,962	15,168	14,518	14,935	14,962	15,638
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	60,999	62,441	61,607	61,803	62,170	62,441	64,114
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	42,207	44,351	42,492	42,637	43,590	44,351	45,968
25120	Pembuatan produk struktur logam lain	10,497	9,957	10,676	10,801	10,249	9,957	9,968
	Industri lain	8,295	8,133	8,440	8,364	8,331	8,133	8,178
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	104,424	106,738	105,871	103,981	106,362	106,738	106,125
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	22,087	22,871	21,514	21,169	22,873	22,871	22,353
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,612	9,978	12,241	11,264	9,981	9,978	9,906
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	8,120	9,196	8,434	8,385	9,129	9,196	9,310
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	20,973	20,968	21,381	21,100	21,283	20,968	20,794
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	3,615	3,719	3,559	3,309	3,346	3,719	3,631
25999	Pembuatan barangan rumah daripada logam	25,279	26,814	25,516	25,412	26,431	26,814	26,743
	Pembuatan produk lain yang direka daripada logam t.t.t.l. Industri lain	12,738	13,193	13,226	13,343	13,320	13,193	13,387
261	Pembuatan komponen dan papan elektronik	238,894	233,680	230,131	235,558	234,153	233,680	227,985
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	128,999	126,572	124,881	126,870	126,335	126,572	122,600
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	95,182	92,833	90,605	93,978	93,391	92,833	90,736
26109	Pembuatan kapasitor dan perintang elektrik	14,712	14,274	14,644	14,709	14,427	14,274	14,649
262 (26201 & 26202)	Pembuatan papan litar bercetak	67,464	72,136	67,910	69,261	70,506	72,136	72,429
263/ 26300	Pembuatan komputer dan kelengkapan peranti	26,319	27,447	26,073	26,616	27,355	27,447	27,716
264/ 26400	Pembuatan peralatan komunikasi	36,292	37,992	35,649	35,906	37,677	37,992	36,684
265	Pembuatan peralatan elektronik pengguna	31,691	33,196	32,011	33,332	32,949	33,196	32,853
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	24,642	25,853	24,815	26,080	25,495	25,853	25,796
26520	Pembuatan kelengkapan kawalan proses perindustrian	7,049	7,343	7,196	7,252	7,454	7,343	7,057
266/ 26600	Pembuatan jam tangan dan jam dan bahagiannya	12,708	12,778	12,236	12,264	12,643	12,778	12,412
	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik							

		2024	2025	2024					Group Description/Period
Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mar.	Apr.		
87,956	88,713	87,890	89,398	86,363	84,916	84,706	85,274	Manufacture of non-metallic mineral products n.e.c.	
								Manufacture of refractory mortars and concretes	
8,877	8,609	9,217	9,048	9,260	9,087	9,010	8,955	Manufacture of non-refractory ceramic	
4,020	3,917	4,203	3,787	4,393	4,317	4,364	4,309	Manufacture of other porcelain and ceramic products	
7,475	7,381	7,433	7,310	7,443	7,420	7,153	7,155	Manufacture of hydraulic cement	
16,734	17,825	17,029	18,044	16,968	15,943	16,016	16,009	Manufacture of ready-mix and dry-mix concrete and mortars	
								Manufacture of precast concrete, cement or artificial stone articles for use in construction	
30,626	30,848	29,863	30,875	29,282	29,152	29,317	29,871	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone	
10,878	10,882	10,710	11,029	9,843	9,826	9,690	9,660	Manufacture of other articles of concrete, cement and plaster n.e.c.	
9,346	9,251	9,435	9,306	9,174	9,171	9,157	9,314	Manufacture of other non-metallic mineral products n.e.c.	
								Other industry	
58,503	59,612	59,230	59,847	57,986	57,243	57,788	57,698	Manufacture of basic iron and steel	
38,789	37,677	38,672	37,136	40,581	40,307	40,203	40,069	Manufacture of basic precious and other non-ferrous metals	
15,372	16,109	15,027	16,296	14,965	15,266	15,168	15,143	Casting of metals	
64,616	64,914	61,028	64,527	61,110	60,874	61,607	61,490	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition	
								Manufacture of metal doors, windows and their frames, shutters and gates	
46,275	46,913	42,859	45,689	42,022	41,860	42,492	42,482	Manufacture of other structural metal products	
10,217	9,856	10,031	10,751	10,690	10,717	10,676	10,702	Manufacture of tanks, reservoirs and containers of metal	
8,124	8,144	8,138	8,087	8,397	8,297	8,440	8,306	Other industry	
103,982	106,197	105,541	104,450	105,606	105,475	105,871	105,095	Manufacture of other fabricated metal products; metal working service activities	
								Forging, pressing, stamping and roll-forming of metal; powder metallurgy	
22,348	23,994	22,477	23,268	22,075	21,429	21,514	21,480	Treatment and coating of metals; machining	
9,282	8,201	9,858	8,120	11,827	11,836	12,241	11,687	Manufacture of tins and cans for food products, collapsible tubes and boxes	
9,234	9,900	9,172	9,881	8,517	8,362	8,434	8,367	Manufacture of metal cable, plaited bands and similar articles	
								Manufacture of bolts, screws, nuts and similar threaded products	
20,570	20,867	21,058	20,670	21,450	21,472	21,381	21,310	Manufacture of metal household articles	
3,586	3,623	3,720	3,310	3,600	3,604	3,559	3,525	Manufacture of any other fabricated metal products n.e.c.	
26,007	27,008	26,050	26,643	25,376	25,452	25,516	25,654	Other industry	
12,955	12,604	13,207	12,558	12,762	13,320	13,226	13,072		
233,577	235,912	234,726	238,678	235,495	231,534	230,131	232,987	Manufacture of electronic components and boards	
								Manufacture of diodes, transistors and similar semiconductor devices	
125,282	128,591	126,374	130,165	127,090	125,267	124,881	126,875	Manufacture of electronic integrated circuits micro assemblies	
								Manufacture of electrical capacitors and resistors	
93,770	94,065	93,998	95,263	93,640	91,486	90,605	91,549	Manufacture of printed circuit boards	
								Manufacture of display components	
14,525	13,257	14,354	13,250	14,765	14,781	14,644	14,563	Manufacture of other components for electronic applications	
72,763	73,332	71,993	73,412	67,223	67,423	67,910	67,698	Manufacture of computers and peripheral equipment	
28,395	28,691	27,650	29,755	26,117	25,981	26,073	26,365	Manufacture of communication equipment	
37,602	38,403	39,362	37,547	35,644	35,535	35,649	35,077	Manufacture of consumer electronics	
33,763	33,550	33,287	34,518	31,823	31,940	32,011	32,052	Manufacture of measuring, testing, navigating and control equipment; watches and clocks	
								Manufacture of measuring, testing, navigating and control equipment	
26,833	26,177	25,908	26,868	24,764	24,865	24,815	24,941	Manufacture of industrial process control equipment	
6,930	7,373	7,379	7,650	7,059	7,076	7,196	7,111	Manufacture of watches and clocks and parts	
12,341	12,944	12,748	12,442	12,273	12,234	12,236	12,194	Manufacture of irradiation, electromedical and electrotherapeutic equipment	

Jadual **1.5a** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : Number of Paid Employees of Manufacturing Sector by Group (cont.)

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2025								
		Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	84,968	85,089	86,462	86,714	87,310	87,672	87,890	87,598	87,966
23911	Pembuatan mortar refraktori dan konkrit									
&										
23921	Pembuatan seramik bukan refraktori	8,736	8,758	8,687	8,666	8,766	9,124	9,217	9,203	9,092
23930	Pembuatan produk porselin dan seramik lain	4,295	4,290	4,393	4,506	4,339	4,264	4,203	4,141	4,120
23941	Pembuatan simen hidrolik	7,144	7,107	7,453	7,444	7,396	7,447	7,433	7,458	7,546
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	16,180	16,317	16,631	16,631	16,861	16,995	17,029	17,049	17,406
23952	Pembuatan konkrit pratuangan, simen atau artikel batu									
&	buatan yang digunakan dalam pembinaan;									
23953	Pembuatan komponen struktur pasang siap untuk bangunan	29,460	29,654	29,628	29,646	29,910	29,912	29,863	29,738	29,834
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan									
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.									
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9,892	9,621	10,194	10,521	10,713	10,621	10,710	10,706	10,710
	Industri lain	9,263	9,342	9,477	9,301	9,324	9,309	9,435	9,303	9,257
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	57,684	57,789	57,545	57,988	59,261	59,210	59,230	59,399	59,693
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	39,987	39,877	39,520	39,063	38,905	38,737	38,672	38,810	39,036
243	Pengacuan logam	15,031	14,518	15,110	14,842	14,935	15,124	15,027	14,962	15,413
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	61,185	61,803	61,788	62,466	62,170	62,012	61,028	62,441	62,982
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan									
&	pintu pagar daripada logam									
25119	Pembuatan produk struktur logam lain	41,995	42,637	42,574	44,220	43,590	43,783	42,859	44,351	44,578
25120	Pembuatan tangki, takungan dan kontena daripada logam	10,805	10,801	10,830	9,784	10,249	10,059	10,031	9,957	10,084
	Industri lain	8,385	8,364	8,385	8,461	8,331	8,170	8,138	8,133	8,319
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	105,356	103,981	104,485	106,778	106,362	105,783	105,541	106,738	106,763
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	21,533	21,169	21,836	22,644	22,873	22,714	22,477	22,871	23,149
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,536	11,264	11,120	10,059	9,981	9,846	9,858	9,978	9,939
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	8,408	8,385	8,500	9,275	9,129	9,276	9,172	9,196	9,285
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan									
&	artikel seumpamanya daripada logam									
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	21,337	21,100	20,722	21,494	21,283	21,048	21,058	20,968	20,987
25994	Pembuatan barangan rumah daripada logam	3,525	3,309	3,291	3,283	3,346	3,397	3,720	3,719	3,693
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	25,800	25,412	25,443	26,484	26,431	26,191	26,050	26,814	26,539
	Industri lain	13,216	13,343	13,573	13,539	13,320	13,312	13,207	13,193	13,172
261	Pembuatan komponen dan papan elektronik	234,698	235,558	227,849	226,910	234,153	235,253	234,726	233,680	229,185
26101	Pembuatan diod, transistor dan alatan semikonduktor yang									
&	seumpamanya									
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	126,954	126,870	122,340	120,744	126,335	126,803	126,374	126,572	123,421
26103	Pembuatan kapasitor dan perintang elektrik									
&										
26104	Pembuatan papan litar bercetak	93,158	93,978	90,764	91,642	93,391	94,057	93,998	92,833	91,316
&										
26105	Pembuatan komponen paparan									
26109	Pembuatan komponen lain untuk aplikasi elektronik	14,587	14,709	14,744	14,524	14,427	14,392	14,354	14,274	14,448
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	68,606	69,261	68,949	70,250	70,506	71,060	71,993	72,136	71,506
263/ 26300	Pembuatan peralatan komunikasi	26,655	26,616	26,228	27,322	27,355	27,547	27,650	27,447	27,607
264/ 26400	Pembuatan peralatan elektronik pengguna	35,941	35,906	36,048	35,823	37,677	37,418	39,362	37,992	37,411
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	32,589	33,332	32,463	31,941	32,949	33,281	33,287	33,196	32,857
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah									
&	dan kawalan									
26512	Pembuatan kelengkapan kawalan proses perindustrian	25,412	26,080	25,212	24,764	25,495	25,902	25,908	25,853	25,686
26520	Pembuatan jam tangan dan jam dan bahagiannya	7,177	7,252	7,251	7,177	7,454	7,380	7,379	7,343	7,171
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	12,228	12,264	11,713	12,231	12,643	12,718	12,748	12,778	12,502

										Group Description/Period
Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
86,992	87,230	88,079	87,790	87,956	87,733	88,213	88,713	89,226	89,398	Manufacture of non-metallic mineral products n.e.c.
										Manufacture of refractory mortars and concretes
9,052	9,090	9,075	8,830	8,877	8,700	8,667	8,609	8,991	9,048	Manufacture of non-refractory ceramic
4,175	4,141	4,113	4,085	4,020	4,015	3,937	3,917	3,841	3,787	Manufacture of other porcelain and ceramic products
7,522	7,576	7,556	7,546	7,475	7,454	7,465	7,381	7,360	7,310	Manufacture of hydraulic cement
16,335	16,399	16,626	16,654	16,734	17,238	17,526	17,825	18,072	18,044	Manufacture of ready-mix and dry-mix concrete and mortars
										Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,939	30,062	30,737	30,494	30,626	30,151	30,478	30,848	30,734	30,875	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
										Manufacture of other articles of concrete, cement and plaster n.e.c.
10,651	10,654	10,594	10,882	10,878	10,895	10,873	10,882	10,930	11,029	Manufacture of other non-metallic mineral products n.e.c.
9,318	9,309	9,379	9,298	9,346	9,280	9,267	9,251	9,298	9,306	Other industry
59,073	58,976	58,802	58,249	58,503	58,580	58,424	59,612	59,752	59,847	Manufacture of basic iron and steel
39,199	39,083	39,266	39,054	38,789	38,676	38,079	37,677	37,520	37,136	Manufacture of basic precious and other non-ferrous metals
15,472	15,638	15,618	15,635	15,372	16,077	16,114	16,109	16,212	16,296	Casting of metals
62,509	64,114	64,243	64,049	64,616	64,485	65,845	64,914	65,178	64,527	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
44,207	45,968	45,744	45,612	46,275	46,165	47,567	46,913	46,148	45,689	Manufacture of metal doors, windows and their frames, shutters and gates
10,084	9,968	10,262	10,240	10,217	10,155	10,191	9,856	10,915	10,751	Manufacture of tanks, reservoirs and containers of metal
8,218	8,178	8,237	8,197	8,124	8,166	8,088	8,144	8,115	8,087	Other industry
106,922	106,125	105,875	105,662	103,982	105,085	107,413	106,197	105,338	104,450	Manufacture of other fabricated metal products; metal working service activities
23,136	22,353	22,651	22,670	22,348	23,008	23,711	23,994	23,745	23,268	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
9,957	9,906	9,427	9,250	9,282	9,128	8,220	8,201	8,195	8,120	Treatment and coating of metals; machining
9,298	9,310	9,289	9,267	9,234	9,399	10,338	9,900	9,871	9,881	Manufacture of tins and cans for food products, collapsible tubes and boxes
										Manufacture of metal cable, plaited bands and similar articles
20,906	20,794	20,683	20,662	20,570	20,181	20,935	20,867	20,684	20,670	Manufacture of bolts, screws, nuts and similar threaded products
3,684	3,631	3,671	3,592	3,586	3,576	3,547	3,623	3,474	3,310	Manufacture of metal household articles
26,633	26,743	26,929	26,975	26,007	26,636	27,647	27,008	26,730	26,643	Manufacture of any other fabricated metal products n.e.c.
13,307	13,387	13,226	13,245	12,955	13,158	13,015	12,604	12,639	12,558	Other industry
227,464	227,985	231,371	232,974	233,577	227,966	226,361	235,912	239,296	238,678	Manufacture of electronic components and boards
121,495	122,600	124,648	124,585	125,282	121,248	119,782	128,591	130,327	130,165	Manufacture of diodes, transistors and similar semiconductor devices
										Manufacture of electronic integrated circuits micro assemblies
										Manufacture of electrical capacitors and resistors
91,498	90,736	92,089	93,803	93,770	92,226	92,388	94,065	95,699	95,263	Manufacture of printed circuit boards
										Manufacture of display components
14,471	14,649	14,634	14,586	14,525	14,493	14,191	13,257	13,270	13,250	Manufacture of other components for electronic applications
71,516	72,429	72,115	73,205	72,763	72,156	73,460	73,332	73,053	73,412	Manufacture of computers and peripheral equipment
27,562	27,716	27,922	28,027	28,395	28,415	28,338	28,691	28,966	29,755	Manufacture of communication equipment
37,212	36,684	36,001	36,965	37,602	37,056	36,614	38,403	37,900	37,547	Manufacture of consumer electronics
32,926	32,853	33,092	33,054	33,763	33,166	32,502	33,550	34,433	34,518	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
25,772	25,796	26,186	26,209	26,833	26,160	25,530	26,177	26,796	26,868	Manufacture of measuring, testing, navigating and control equipment
										Manufacture of industrial process control equipment
7,154	7,057	6,906	6,845	6,930	7,006	6,972	7,373	7,638	7,650	Manufacture of watches and clocks and parts
12,524	12,412	12,353	12,316	12,341	12,078	12,647	12,944	12,921	12,442	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

1.5a

: Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan
: Number of Paid Employees of Manufacturing Sector by Group

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025
				Q1	Q2	Q3	Q4	Q1
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,915	5,497	5,855	5,740	5,570	5,497	5,592
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,800	44,383	43,055	42,848	44,686	44,383	44,288
27101	Pembuatan motor elektrik, penjana dan transformer	18,737	18,922	18,827	18,933	19,612	18,922	19,080
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,064	25,460	24,229	23,915	25,074	25,460	25,208
272/ 27200	Pembuatan bateri dan akumulator	8,671	8,321	8,775	8,692	8,475	8,321	8,038
273	Pembuatan pendawaian dan peranti pendawaian	23,530	24,520	23,981	23,726	24,056	24,520	25,011
27310	Pembuatan kabel gentian optikal	969	1,029	968	1,024	1,000	1,029	1,041
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	20,980	21,902	21,442	21,105	21,431	21,902	22,371
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,581	1,590	1,571	1,597	1,626	1,590	1,599
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,934	4,115	4,007	4,013	4,079	4,115	3,825
275/ 27500	Pembuatan perkakasan domestik	14,766	13,735	15,468	15,175	13,892	13,735	14,072
279/ 27900	Pembuatan kelengkapan elektrik lain	7,709	7,919	7,630	7,587	7,752	7,919	7,898
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	93,994	95,294	94,976	96,215	95,747	95,294	96,119
28120 & 28130	Pembuatan alat-alat kuasa bendalir	6,346	5,407	5,958	5,873	5,807	5,407	5,344
28180 & 28220	Pembuatan pam, pemampat, kepala paip dan injap lain							
28180 & 28192	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	22,759	23,013	22,920	23,750	22,811	23,013	23,041
28192	Pembuatan jentera pembentukan logam dan alatan mesin							
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	8,842	8,679	9,010	8,691	8,631	8,679	8,827
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,427 47,621	8,710 49,485	8,529 48,558	8,573 49,329	8,588 49,910	8,710 49,485	8,879 50,028
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,665	25,223	24,734	24,577	25,268	25,223	24,369
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,712	9,114	8,387	8,169	9,168	9,114	8,895
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,237	53,458	51,853	54,479	53,321	53,458	51,628
301 (30110 & 30120)	Pembinaan kapal dan bot	15,257	15,041	15,150	14,917	14,779	15,041	14,642
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.	29,049	29,938	29,451	29,677	30,152	29,938	30,300
30910	Pembuatan motosikal	12,956	13,901	13,186	13,109	13,747	13,901	14,223
30920	Pembuatan basikal dan invalid carriages	1,579	1,707	1,485	1,617	1,673	1,707	1,623
	Industri lain	14,514	14,330	14,780	14,951	14,732	14,330	14,454
310	Pembuatan perabot	81,979	83,470	83,395	83,335	83,263	83,470	83,964
31001	Pembuatan perabot kayu dan rotan	62,863	64,306	63,535	63,632	63,849	64,306	64,209
	Industri lain	19,116	19,163	19,861	19,703	19,415	19,163	19,755
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,665	4,813	5,726	5,462	5,162	4,813	5,002
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,203	29,262	28,288	28,153	29,219	29,262	29,912
32901	Pembuatan alat tulis	6,097	6,181	5,999	5,863	6,226	6,181	6,223
	Industri lain	22,107	23,081	22,289	22,291	22,993	23,081	23,689
323/ 32300	Pembuatan barangan sukan	2,108	1,931	2,351	2,382	1,978	1,931	2,066
324/ 32400	Pembuatan permainan dan mainan	4,999	4,998	4,963	4,975	4,918	4,998	4,971
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	43,843	43,938	44,429	43,757	43,700	43,938	45,100
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,256	7,227	7,560	7,478	7,331	7,227	7,407
	Industri lain	36,587	36,711	36,869	36,278	36,369	36,711	37,693
Jumlah Pembuatan		2,374,557	2,398,863	2,363,344	2,369,595	2,391,104	2,398,863	2,388,492

		2024	2025	2024					Group Description/Period
Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.		
5,622	5,668	5,511	5,786	5,678	5,718	5,855	5,930	Manufacture of optical instruments, photographic equipment, magnetic and optical media	
43,852	45,208	44,459	45,007	43,821	43,094	43,055	42,930	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
19,041	18,767	18,997	18,687	18,722	18,703	18,827	18,875	Manufacture of electric motors, generators and transformers	
24,810	26,441	25,461	26,320	25,099	24,390	24,229	24,055	Manufacture of electricity distribution and control apparatus	
7,822	7,356	8,421	7,529	8,677	8,792	8,775	8,756	Manufacture of batteries and accumulators	
24,738	25,416	24,559	25,724	23,984	23,927	23,981	23,986	Manufacture of wiring and wiring devices	
1,089	1,058	1,028	1,057	969	965	968	989	Manufacture of fibre optic cables	
22,059	22,637	21,966	22,960	21,421	21,374	21,442	21,414	Manufacture of other electronic and electric wires and cables	
1,590	1,721	1,565	1,707	1,594	1,588	1,571	1,582	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material	
3,847	3,888	4,124	3,871	3,976	3,872	4,007	3,901	Manufacture of electric lighting equipment	
13,934	13,373	13,739	13,311	14,858	14,697	15,468	15,379	Manufacture of domestic appliances	
7,939	7,860	7,880	8,018	7,734	7,657	7,630	7,607	Manufacture of other electrical equipment	
97,264	96,510	96,215	96,896	94,750	95,978	94,976	95,061	Manufacture of general-purpose and special-purpose machinery	
5,510	5,255	5,834	5,166	5,997	5,992	5,958	5,974	Manufacture of fluid power equipmen	
22,877	21,594	23,271	22,083	23,198	23,887	22,920	23,014	Manufacture of other pumps, compressors, taps and valves	
8,287	8,157	8,654	8,390	9,034	9,039	9,010	9,222	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives	
8,912	9,071	8,698	9,074	8,450	8,489	8,529	8,479	Manufacture of metal-forming machinery and machine tools	
51,679	52,434	49,758	52,183	48,070	48,571	48,558	48,373	Manufacture of air-conditioning machines, including for motor vehicles	
23,896	24,349	25,779	24,954	25,698	25,619	24,734	24,755	Manufacture of other special-purpose machinery n.e.c.	
8,783	9,743	9,013	9,490	8,550	8,469	8,387	8,356	Other industry	
55,872	55,061	53,205	55,731	53,768	53,222	51,853	55,315	Manufacture of motor vehicles	
14,650	14,297	14,614	14,036	15,401	15,387	15,150	14,962	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	
30,189	30,854	30,087	30,834	29,327	29,205	29,451	29,490	Manufacture of parts and accessories for motor vehicles	
14,298	15,263	13,868	15,315	12,902	12,857	13,186	13,207	Building of ships and boats	
1,663	1,651	1,711	1,619	1,543	1,512	1,485	1,486	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c	
14,228	13,940	14,509	13,901	14,882	14,837	14,780	14,798	Manufacture of motorcycles	
84,736	84,624	83,248	84,691	82,638	83,028	83,395	85,027	Manufacture of bicycles and invalid carriages	
64,814	64,679	63,956	64,433	62,863	63,139	63,535	65,077	Other industry	
19,923	19,945	19,292	20,258	19,775	19,889	19,861	19,951	Manufacture of furniture	
4,625	4,435	5,225	4,340	5,692	5,546	5,726	5,618	Manufacture of wooden and cane furniture	
29,584	30,403	29,317	30,631	28,053	28,306	28,288	28,061	Other industry	
6,377	6,346	6,169	6,211	5,979	6,015	5,999	6,032	Manufacture of jewellery, bijouterie and related articles	
23,207	24,056	23,148	24,420	22,074	22,291	22,289	22,030	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.	
2,089	2,073	1,942	2,046	2,156	2,162	2,351	2,402	Manufacture of stationery	
4,896	4,968	5,028	5,197	4,933	4,967	4,963	4,935	Other industry	
44,700	45,273	43,697	44,990	44,459	44,254	44,429	44,148	Manufacture of sports goods	
7,560	7,885	7,220	7,800	7,476	7,516	7,560	7,589	Manufacture of games and toys	
37,139	37,387	36,477	37,190	36,983	36,739	36,869	36,559	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment	
2,392,143	2,414,136	2,401,839	2,421,493	2,372,913	2,365,000	2,363,344	2,372,596	Repair and maintenance of transport equipment except motorcycles and bicycles	
								Other industry	
2,392,143	2,414,136	2,401,839	2,421,493	2,372,913	2,365,000	2,363,344	2,372,596	Total Manufacturing	

Jadual
Table

1.5a : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan (samb.)
: Number of Paid Employees of Manufacturing Sector by Group (cont.)

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2025								
		Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,794	5,740	5,603	5,523	5,570	5,523	5,511	5,497	5,491
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,210	42,848	44,533	44,840	44,686	45,552	44,459	44,383	44,245
27101	Pembuatan motor elektrik, penjana dan transformer	19,029	18,933	19,092	19,643	19,612	19,480	18,997	18,922	18,974
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	24,181	23,915	25,441	25,197	25,074	26,072	25,461	25,460	25,271
272/ 27200	Pembuatan bateri dan akumulator	8,793	8,692	8,581	8,622	8,475	8,458	8,421	8,321	8,587
273	Pembuatan pendawaian dan peranti pendawaian	23,985	23,726	23,515	23,985	24,056	24,596	24,559	24,520	24,864
27310	Pembuatan kabel gentian optikal	1,003	1,024	1,005	997	1,000	1,023	1,028	1,029	1,029
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	21,400	21,105	20,980	21,356	21,431	21,947	21,966	21,902	22,245
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,582	1,597	1,530	1,632	1,626	1,626	1,565	1,590	1,590
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,938	4,013	4,098	4,076	4,079	4,121	4,124	4,115	4,003
275/ 27500	Pembuatan perkakasan domestik	15,364	15,175	14,856	14,582	13,892	13,852	13,739	13,735	13,955
279/ 27900	Pembuatan kelengkapan elektrik lain	7,617	7,587	7,544	7,739	7,752	7,784	7,880	7,919	7,942
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	94,429	96,215	96,394	96,165	95,747	95,906	96,215	95,294	95,709
28120 & 28130	Pembuatan alat-alat kuasa bendalir	5,995	5,873	5,911	5,915	5,807	5,885	5,834	5,407	5,391
28180 & 28220	Pembuatan pam, pemampat, kepala paip dan injap lain									
28180 & 28192	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	22,891	23,750	23,517	23,150	22,811	22,984	23,271	23,013	23,430
28192	Pembuatan jentera pembentukan logam dan alatan mesin									
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	8,700	8,691	8,579	8,498	8,631	8,660	8,654	8,679	8,649
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	8,536	8,573	8,604	8,457	8,588	8,671	8,698	8,710	8,890
	Industri lain	48,307	49,329	49,783	50,146	49,910	49,706	49,758	49,485	49,349
291 (29101 & 29102)	Pembuatan kenderaan bermotor	24,536	24,577	25,052	25,521	25,268	25,835	25,779	25,223	25,179
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,367	8,169	8,274	9,191	9,168	8,966	9,013	9,114	9,068
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	54,799	54,479	54,802	53,486	53,321	53,789	53,205	53,458	53,416
301 (30110 & 30120)	Pembinaan kapal dan bot	14,919	14,917	14,824	14,744	14,779	14,654	14,614	15,041	15,239
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.	29,735	29,677	30,508	29,643	30,152	29,768	30,087	29,938	30,038
30910	Pembuatan motosikal	13,124	13,109	14,035	13,241	13,747	13,546	13,868	13,901	13,818
30920	Pembuatan basikal dan invalid carriages	1,561	1,617	1,646	1,669	1,673	1,693	1,711	1,707	1,661
	Industri lain	15,050	14,951	14,827	14,733	14,732	14,529	14,509	14,330	14,559
310	Pembuatan perabot	84,819	83,335	82,533	83,277	83,263	84,130	83,248	83,470	83,647
31001	Pembuatan perabot kayu dan rotan	65,036	63,632	62,790	63,894	63,849	64,627	63,956	64,306	64,245
	Industri lain	19,783	19,703	19,743	19,384	19,415	19,503	19,292	19,163	19,402
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,685	5,462	5,211	5,226	5,162	5,225	5,225	4,813	4,793
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,063	28,153	29,104	29,112	29,219	29,286	29,317	29,262	29,346
32901	Pembuatan alat tulis	5,838	5,863	5,948	6,190	6,226	6,161	6,169	6,181	6,187
	Industri lain	22,226	22,291	23,156	22,922	22,993	23,125	23,148	23,081	23,159
323/ 32300	Pembuatan barangan sukan	2,419	2,382	2,395	2,000	1,978	1,953	1,942	1,931	1,955
324/ 32400	Pembuatan permainan dan mainan	4,963	4,975	4,994	4,986	4,918	5,019	5,028	4,998	4,968
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	44,174	43,757	44,231	44,565	43,700	44,001	43,697	43,938	44,773
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,434	7,478	7,530	7,547	7,331	7,188	7,220	7,227	7,414
	Industri lain	36,740	36,278	36,701	37,018	36,369	36,813	36,477	36,711	37,358
Jumlah Pembuatan		2,377,714	2,369,595	2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863	2,394,984

										Group Description/Period
Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
5,514	5,592	5,623	5,628	5,622	5,600	5,602	5,668	5,726	5,786	Manufacture of optical instruments, photographic equipment, magnetic and optical media
44,388	44,288	44,027	44,131	43,852	45,162	45,466	45,208	44,890	45,007	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
18,986	19,080	19,097	19,165	19,041	18,590	18,878	18,767	18,590	18,687	Manufacture of electric motors, generators and transformers
25,402	25,208	24,930	24,966	24,810	26,572	26,588	26,441	26,300	26,320	Manufacture of electricity distribution and control apparatus
8,525	8,038	7,991	7,937	7,822	7,627	7,516	7,356	7,508	7,529	Manufacture of batteries and accumulators
24,925	25,011	25,354	25,086	24,738	24,861	24,885	25,416	26,064	25,724	Manufacture of wiring and wiring devices
1,039	1,041	1,052	1,069	1,089	1,066	1,063	1,058	1,053	1,057	Manufacture of fibre optic cables
22,297	22,371	22,717	22,436	22,059	22,205	22,111	22,637	23,290	22,960	Manufacture of other electronic and electric wires and cables
1,590	1,599	1,585	1,580	1,590	1,590	1,712	1,721	1,721	1,707	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
3,890	3,825	3,817	3,801	3,847	3,951	3,877	3,888	3,885	3,871	Manufacture of electric lighting equipment
13,931	14,072	14,128	14,128	13,934	13,539	13,387	13,373	13,366	13,311	Manufacture of domestic appliances
7,906	7,898	7,881	7,871	7,939	7,903	7,825	7,860	7,879	8,018	Manufacture of other electrical equipment
97,213	96,119	96,343	95,220	97,264	97,587	97,158	96,510	96,751	96,896	Manufacture of general-purpose and special-purpose machinery
5,394	5,344	5,350	5,403	5,510	5,490	5,430	5,255	5,250	5,166	Manufacture of fluid power equipment
										Manufacture of other pumps, compressors, taps and valves
24,106	23,041	23,115	22,120	22,877	22,607	22,087	21,594	21,794	22,083	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
										Manufacture of metal-forming machinery and machine tools
8,844	8,827	8,795	8,757	8,287	8,308	8,282	8,157	8,311	8,390	Manufacture of air-conditioning machines, including for motor vehicles
8,890	8,879	8,822	8,856	8,912	8,950	9,061	9,071	9,118	9,074	Manufacture of other special-purpose machinery n.e.c.
49,979	50,028	50,262	50,084	51,679	52,231	52,298	52,434	52,278	52,183	Other industry
25,352	24,369	24,530	23,964	23,896	24,500	24,444	24,349	24,957	24,954	Manufacture of motor vehicles
9,076	8,895	8,831	8,895	8,783	8,751	9,789	9,743	9,725	9,490	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
53,068	51,628	55,209	54,699	55,872	56,433	54,947	55,061	55,523	55,731	Manufacture of parts and accessories for motor vehicles
14,868	14,642	14,631	14,691	14,650	14,629	14,338	14,297	14,050	14,036	Building of ships and boats
30,161	30,300	30,135	30,353	30,189	30,941	30,509	30,854	30,621	30,834	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
13,788	14,223	14,164	14,329	14,298	14,837	14,664	15,263	14,947	15,315	Manufacture of motorcycles
1,655	1,623	1,609	1,661	1,663	1,656	1,653	1,651	1,633	1,619	Manufacture of bicycles and invalid carriages
14,718	14,454	14,362	14,363	14,228	14,449	14,192	13,940	14,041	13,901	Other industry
84,166	83,964	85,455	85,455	84,736	84,181	84,477	84,624	85,683	84,691	Manufacture of furniture
64,665	64,209	65,269	65,527	64,814	64,296	64,563	64,679	65,432	64,433	Manufacture of wooden and cane furniture
19,501	19,755	20,186	19,928	19,923	19,885	19,913	19,945	20,251	20,258	Other industry
4,812	5,002	4,888	4,847	4,625	4,408	4,441	4,435	4,414	4,340	Manufacture of jewellery, bijouterie and related articles
29,856	29,912	29,697	29,431	29,584	30,561	30,159	30,403	30,461	30,631	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
6,239	6,223	6,235	6,273	6,377	6,506	6,387	6,346	6,254	6,211	Manufacture of stationery
23,617	23,689	23,461	23,158	23,207	24,054	23,772	24,056	24,207	24,420	Other industry
1,956	2,066	2,066	2,057	2,089	2,084	2,085	2,073	2,064	2,046	Manufacture of sports goods
5,000	4,971	4,940	4,931	4,896	4,985	5,003	4,968	5,084	5,197	Manufacture of games and toys
45,003	45,100	44,922	45,208	44,700	45,478	45,377	45,273	45,463	44,990	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
7,469	7,407	7,447	7,577	7,560	7,880	7,865	7,885	7,791	7,800	Repair and maintenance of transport equipment except motorcycles and bicycles
37,534	37,693	37,475	37,631	37,139	37,598	37,512	37,387	37,672	37,190	Other industry
2,393,664	2,388,492	2,400,435	2,398,447	2,392,143	2,396,005	2,401,506	2,414,136	2,426,019	2,421,493	Total Manufacturing

Jadual **1.5b** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Number of Paid Employees of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		2025					2024	2025	2024				
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	7.8	4.1	8.1	1.7	2.9	4.1	1.5	6.0	6.9	2.1	6.5	5.9	6.9	8.1	4.0	4.1
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.5	0.3	1.3	1.9	0.0	0.3	-0.4	-1.5	-3.3	-0.3	-3.4	4.5	1.5	1.3	3.2	3.0
	10201 Pengetinan ikan, krustasea dan moluska																
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	2.2	-1.4	-0.5	0.9	-2.1	-1.4	-1.2	-2.3	-3.6	-2.3	-4.2	3.2	-0.4	-0.5	1.7	1.6
	Industri lain	10.7	9.0	11.3	7.3	10.6	9.0	3.5	2.6	-2.0	10.0	-0.2	11.5	11.6	11.3	11.4	11.0
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.7	-5.9	2.4	-4.0	-7.2	-5.9	-9.6	-5.4	-0.6	-7.4	1.1	1.8	1.5	2.4	1.4	-3.5
	10303 Pengetinan nanas																
	& 10304 Pembuatan jem, marmalad dan sajian jeli	-8.1	-5.2	2.7	1.2	-3.9	-5.2	-6.1	-9.6	-10.7	-4.5	-8.4	-3.3	5.9	2.7	3.8	-1.0
	Industri lain	2.3	-6.0	2.4	-4.3	-7.4	-6.0	-9.8	-5.1	0.04	-7.6	1.7	2.1	1.2	2.4	1.3	-3.7
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	6.7	2.6	4.5	5.6	1.9	2.6	2.6	2.8	4.0	2.1	3.3	5.8	4.4	4.5	5.3	5.5
	10404 Pembuatan minyak sayuran mentah dan bertapis																
	& 10406 Pembuatan sebatian lemak masakan	10.5	6.8	11.6	12.7	6.9	6.8	4.9	3.7	1.4	6.9	1.1	8.2	12.0	11.6	14.4	13.7
	10405 Pembuatan minyak kelapa	3.5	0.8	4.4	4.2	1.1	0.8	1.0	0.7	0.4	1.2	0.7	4.7	4.9	4.4	4.5	4.5
	Industri lain	6.6	2.4	4.1	5.3	1.7	2.4	2.5	2.8	4.2	1.9	3.5	5.7	4.0	4.1	4.9	5.1
105	Pembuatan produk tenusu	4.2	1.9	5.8	5.4	3.3	1.9	1.6	1.3	0.1	2.3	-0.1	4.8	4.3	5.8	5.4	7.6
	10502 Pembuatan susu pekat, tepung dan sejat	1.9	1.1	5.4	4.3	2.1	1.1	0.4	0.9	0.7	1.6	0.4	3.6	2.9	5.4	3.6	7.3
	Industri lain	10.1	3.9	7.0	8.5	6.1	3.9	4.8	2.3	-1.2	4.0	-1.3	7.9	8.1	7.0	10.4	8.6
106	Pembuatan produk bijian, kanji dan produk berkanji	3.0	0.5	-0.1	-0.5	2.7	0.5	5.3	4.7	1.6	1.5	1.7	3.2	-0.6	-0.1	0.2	-0.5
	10611 Pengilangan beras	1.8	2.3	0.3	0.1	6.0	2.3	6.1	5.5	-1.8	2.4	-0.5	2.5	1.1	0.3	1.4	0.6
	10613 Pengilangan tepung	6.1	0.2	-0.4	-0.8	0.8	0.2	7.2	6.4	7.0	2.3	5.6	6.1	-1.9	-0.4	-0.3	-1.0
	Industri lain	-5.5	-9.2	-1.6	-2.6	-6.2	-9.2	-9.6	-9.8	-8.4	-8.8	-7.6	-7.7	-3.6	-1.6	-3.3	-4.6
107	Pembuatan produk makanan lain	8.9	3.0	7.0	6.1	4.4	3.0	2.6	2.2	0.7	3.6	0.9	8.3	7.2	7.0	6.8	6.8
	10711 Pembuatan biskut dan cookies	2.8	1.1	-2.2	-0.1	3.1	1.1	0.7	0.2	0.7	2.2	1.4	0.8	-1.8	-2.2	-1.8	-0.5
	10712 Pembuatan roti, kek dan produk bakeri lain	8.0	3.9	5.6	6.8	6.3	3.9	4.2	3.6	4.0	4.5	4.0	7.8	7.6	5.6	7.4	7.9
	10713 Pembuatan produk snek	8.8	2.3	8.2	7.9	7.6	2.3	3.0	1.9	-2.0	5.6	-0.3	10.4	8.2	8.2	7.6	7.3
	10721 Pembuatan gula	5.3	-0.4	3.9	2.5	-3.6	-0.4	0.5	2.7	3.9	-1.8	3.8	5.3	5.5	3.9	3.1	2.3
	10731 Pembuatan produk koko	3.2	-9.1	1.8	-8.1	-9.7	-9.1	-5.6	-1.6	-1.4	-9.6	-2.4	3.4	2.1	1.8	0.4	-6.7
	10732 Pembuatan coklat dan produk coklat																
	& 10733 Pembuatan konfeksi gula	9.8	1.0	9.5	7.6	1.2	1.0	1.4	1.5	-2.5	0.1	-4.0	7.9	9.4	9.5	7.8	8.3
	10793 Pembuatan sos dan bahan perasa	16.4	12.3	16.8	12.8	17.8	12.3	11.4	8.4	6.6	11.9	6.6	16.8	16.4	16.8	16.5	16.0
	10799 Pembuatan produk makanan lain t.t.t.l.	20.0	3.6	20.2	13.2	2.5	3.6	-1.8	-1.8	-8.1	4.9	-7.2	19.1	20.2	20.2	14.5	13.1
	Industri lain	5.6	1.1	3.1	3.2	1.2	1.1	1.7	2.0	1.2	1.4	1.2	4.5	2.0	3.1	3.5	3.7
108/ 10800	Pembuatan makanan haiwan tersedia	-12.2	1.8	-10.6	-9.2	-4.3	1.8	2.9	1.1	2.9	-3.2	1.3	-10.9	-11.2	-10.6	-7.7	-7.6
110	Pembuatan minuman ringan	2.6	2.6	2.1	2.8	2.1	2.6	2.8	3.4	3.7	2.5	3.6	2.8	2.0	2.1	2.6	2.5
	11041 Pembuatan minuman ringan	0.9	2.9	1.3	2.1	2.1	2.9	2.2	2.4	3.3	2.4	0.7	1.8	0.7	1.3	1.7	1.6
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4.8	3.0	1.2	1.6	1.7	3.0	4.7	8.1	7.5	2.7	12.7	2.8	2.8	1.2	1.5	1.7
	Industri lain	8.1	0.2	9.3	9.3	3.2	0.2	1.8	-0.7	-1.7	2.9	0.2	8.1	7.4	9.3	10.3	9.1
120/ 12000	Pembuatan produk tembakau	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	1.6	2.3	0.1	2.4	-1.8	-8.5	-8.0	-1.4	-1.6
131	Pemintalan, penenunan dan penyiapan tekstil	1.2	4.1	1.5	4.0	3.4	4.1	2.1	1.3	-0.3	3.4	-0.7	-0.3	0.2	1.5	2.8	3.9
	13110 Penyediaan dan pemintalan gentian tekstil																
	& 13120 Penenunan tekstil	3.2	1.9	3.7	6.4	-0.1	1.9	-0.4	-1.3	-0.4	0.57	-2.3	1.4	2.1	3.7	5.7	7.1
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-4.5	9.4	-3.3	-1.7	12.9	9.4	8.8	8.9	0.8	9.9	4.0	-4.4	-3.9	-3.3	-4.1	-3.5
	Industri lain	8.6	8.7	-4.5	0.8	0.4	8.7	0.6	-3.5	-9.0	9.6	-9.5	-1.2	-5.0	-4.5	0.8	1.0
139	Pembuatan tekstil lain	1.9	-1.7	0.1	-1.7	-1.7	-1.7	-1.5	-0.8	1.0	-1.8	1.2	2.8	0.8	0.1	-1.0	-1.2
	13910 Pembuatan fabrik dikait dan dikrusye	-4.5	-1.2	-3.8	-1.9	-2.0	-1.2	-2.4	-1.7	3.0	-2.0	2.7	-3.1	-6.4	-3.8	-4.8	-1.8
	Industri lain	6.0	-1.9	2.4	-1.6	-1.5	-1.9	-1.0	-0.2	-0.2	-1.6	0.3	6.5	5.4	2.4	1.3	-0.8
141	Pembuatan pakaian, kecuali pakaian berbulu	2.6	-1.4	3.5	2.3	2.5	-1.4	0.8	0.2	1.3	-1.6	1.4	2.9	3.3	3.5	2.8	2.8
	14102 Pembuatan pakaian	2.6	-1.4	4.3	3.6	3.6	-1.4	0.7	0.5	2.9	-1.5	3.0	2.8	4.0	4.3	3.9	4.0
	Industri lain	2.6	-1.4	1.3	-1.0	-0.2	-1.4	1.2	-0.3	-3.1	-1.8	-3.2	3.4	1.4	1.3	0.1	-0.3
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	8.5	-3.9	0.9	0.8	-0.7	-3.9	-3.9	-6.9	-8.5	-4.2	-9.7	6.5	2.8	0.9	3.5	2.6
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-0.6	-1.0	-5.8	-2.9	-0.8	-1.0	0.04	1.6	1.5	-1.2	0.7	-2.8	-4.5	-5.8	-3.3	-3.9
152	Pembuatan kasut	5.3	4.9	3.3	2.9	3.9	4.9	3.4	0.7	1.6	4.6	1.3	3.7	2.5	3.3	3.3	3.6
	15201 Pembuatan kasut kulit																
	& 15203 Pembuatan kasut getah	-0.8	0.6	-0.8	1.7	0.6	0.6	-3.5	-3.3	-4.2	0.9	-6.3	-1.8	-1.0	-0.8	-0.1	1.8
	Industri lain	12.9	9.6	8.1	4.3	7.5	9.6	10.9	4.9	7.5	8.7	9.0	10.8	6.7	8.1	7.1	5.5
161/ 16100	Pengilangan dan pengetaman kayu	-2.6	0.6	-3.8	-1.8	-0.9	0.6	0.4	3.2	4.2	-1.2	6.2	-5.9	-7.0	-3.8	-1.8	-1.7

2025																	Group Description/Period	
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.		Nov.
1.7	3.9	3.5	2.9	2.2	2.1	4.1	3.8	1.1	1.5	3.1	3.0	6.0	5.3	6.1	6.9	7.0	6.5	Processing and preserving of meat
1.9	0.4	0.4	0.0	-1.2	-0.3	0.3	-1.0	-1.2	-0.4	-1.5	-2.3	-1.5	0.0	-1.6	-3.3	-1.8	-3.4	Processing and preserving of fish, crustaceans and molluscs Canning of fish, crustaceans and molluscs
0.9	-2.1	-2.0	-2.1	-3.2	-2.3	-1.4	-2.3	-2.1	-1.2	-2.4	-3.3	-2.3	-0.6	-1.4	-3.6	-3.1	-4.2	Processing, curing and preserving of fish, crustacean and molluscs
7.3	14.6	12.4	10.6	9.2	10.0	9.0	5.3	3.4	3.5	2.9	2.8	2.6	3.0	-2.6	-2.0	4.2	-0.2	Other industry
-4.0	-5.2	-1.8	-7.2	-8.0	-7.4	-5.9	-7.2	-8.0	-9.6	-8.7	-7.0	-5.4	-4.2	-3.8	-0.6	-0.7	1.1	Processing and preserving of fruits and vegetable Pineapple canning
1.2	-2.2	-1.7	-3.9	-5.5	-4.5	-5.2	-5.5	-8.2	-6.1	-7.4	-8.2	-9.6	-9.7	-10.3	-10.7	-9.5	-8.4	Manufacture of jams, marmalades and table jellies
-4.3	-5.4	-1.8	-7.4	-8.1	-7.6	-6.0	-7.3	-7.9	-9.8	-8.8	-6.9	-5.1	-3.8	-3.4	0.04	-0.2	1.7	Other industry
5.6	5.4	4.6	1.9	1.4	2.1	2.6	2.7	2.9	2.6	2.1	2.2	2.8	2.7	4.2	4.0	4.3	3.3	Manufacture of vegetable and animal oils and fats Manufacture of crude and refined vegetable oil
12.7	12.1	8.4	6.9	7.1	6.9	6.8	11.0	5.5	4.9	3.0	3.5	3.7	2.9	2.2	1.4	1.8	1.1	Manufacture of compound cooking fats
4.2	5.1	3.4	1.1	1.2	1.2	0.8	1.7	1.2	1.0	0.8	0.8	0.7	0.4	0.3	0.4	0.2	0.7	Manufacture of coconut oil
5.3	5.1	4.4	1.7	1.0	1.9	2.4	2.3	2.8	2.5	2.1	2.1	2.8	2.7	4.5	4.2	4.6	3.5	Other industry
5.4	5.0	5.0	3.3	2.8	2.3	1.9	0.4	0.1	1.6	1.7	-0.03	1.3	0.8	-1.2	0.1	-0.03	-0.1	Manufacture of dairy products
4.3	3.6	3.6	2.1	1.8	1.6	1.1	-1.7	-0.8	0.4	0.9	-0.9	0.9	0.7	-0.5	0.7	0.6	0.4	Manufacture of condensed, powdered and evaporated milk
8.5	8.5	8.8	6.1	5.2	4.0	3.9	5.7	2.4	4.8	3.6	2.3	2.3	1.1	-3.0	-1.2	-1.4	-1.3	Other industry
-0.5	-1.3	2.1	2.7	2.3	1.5	0.5	1.3	5.8	5.3	5.1	4.6	4.7	5.0	3.5	1.6	1.1	1.7	Manufacture of grain mill products, starches and starch products
0.1	0.1	5.2	6.0	5.0	2.4	2.3	3.2	5.1	6.1	5.9	5.3	5.5	4.7	2.9	-1.8	-1.9	-0.5	Rice milling
-0.8	-2.3	-0.2	0.8	1.1	2.3	0.2	1.0	9.3	7.2	7.0	6.2	6.4	8.2	6.3	7.0	5.9	5.6	Flour milling
-2.6	-3.6	-3.2	-6.2	-7.2	-8.8	-9.2	-8.6	-9.2	-9.6	-9.7	-9.1	-9.8	-11.0	-8.5	-8.4	-8.1	-7.6	Other industry
6.1	6.4	5.5	4.4	3.8	3.6	3.0	2.6	2.8	2.6	2.6	2.5	2.2	1.7	1.7	0.7	0.7	0.9	Manufacture of other food products
-0.1	2.6	3.0	3.1	2.9	2.2	1.1	-0.5	-2.0	0.7	0.1	0.1	0.2	0.9	0.6	0.7	0.8	1.4	Manufacture of biscuits and cookies
6.8	5.8	7.7	6.3	4.6	4.5	3.9	3.6	2.9	4.2	3.7	3.5	3.6	4.5	4.4	4.0	4.2	4.0	Manufacture of bread, cakes and other bakery products
7.9	9.9	6.9	7.6	7.3	5.6	2.3	0.5	2.2	3.0	2.8	2.0	1.9	1.0	0.6	-2.0	-0.2	-0.3	Manufacture of snack products
2.5	2.1	-2.5	-3.6	-4.4	-1.8	-0.4	-0.6	-0.9	0.5	2.0	1.1	2.7	2.9	2.9	3.9	3.8	3.8	Manufacture of sugar
-8.1	-8.6	-8.7	-9.7	-10.1	-9.6	-9.1	-5.9	-5.5	-5.6	-1.8	-2.3	-1.6	-1.3	-1.7	-1.4	-2.0	-2.4	Manufacture of cocoa products Manufacture of chocolate and chocolate products
7.6	7.0	0.5	1.2	1.2	0.1	1.0	0.4	2.1	1.4	4.4	3.6	1.5	-0.2	-0.2	-2.5	-4.7	-4.0	Manufacture of sugar confectionery
12.8	15.2	19.1	17.8	18.0	11.9	12.3	12.5	13.0	11.4	10.8	12.3	8.4	6.9	7.5	6.6	6.7	6.6	Manufacture of sauces and condiments
13.2	12.9	3.6	2.5	0.2	4.9	3.6	3.0	3.0	-1.8	-1.4	-1.9	-1.8	-5.7	-4.8	-8.1	-7.9	-7.2	Manufacture of other food products n.e.c.
3.2	3.1	3.0	1.2	1.6	1.4	1.1	0.8	2.1	1.7	1.5	1.5	2.0	2.0	1.4	1.2	0.9	1.2	Other industry
-9.2	-8.5	-4.2	-4.3	-2.5	-3.2	1.8	2.9	2.8	2.9	2.7	0.3	1.1	0.9	1.1	2.9	1.1	1.3	Manufacture of prepared animal feeds
2.8	1.9	2.3	2.1	2.4	2.5	2.6	2.5	2.7	2.8	2.4	2.8	3.4	3.6	3.9	3.7	3.8	3.6	Manufacture of beverages
2.1	1.3	1.8	2.1	2.5	2.4	2.9	2.2	2.4	2.2	0.7	1.8	2.4	2.6	3.5	3.3	1.5	0.7	Manufacture of soft drinks
1.6	0.9	1.8	1.7	1.6	2.7	3.0	3.2	3.8	4.7	7.5	7.1	8.1	8.6	7.2	7.5	12.6	12.7	Production of natural mineral waters and other bottled waters
9.3	7.8	6.3	3.2	3.4	2.9	0.2	2.9	2.0	1.8	0.3	-0.8	-0.7	-1.1	-1.2	-1.7	-2.0	0.2	Other industry
-0.2	1.5	1.1	0.3	0.2	0.1	1.5	1.2	1.0	0.9	1.6	1.4	1.6	1.4	1.8	2.3	2.1	2.4	Manufacture of tobacco products
4.0	6.1	3.4	3.4	2.7	3.4	4.1	4.3	3.2	2.1	2.9	2.5	1.3	-0.5	-0.4	-0.3	-0.1	-0.7	Spinning, weaving and finishing of textiles Preparation and spinning of textile fibres
6.4	4.6	0.9	-0.1	0.0	0.6	1.9	2.4	0.7	-0.4	-0.8	0.3	-1.3	-0.8	-0.6	-0.4	-1.1	-2.3	Weaving of textiles
-1.7	11.0	10.7	12.9	9.9	9.9	9.4	9.1	9.3	8.8	12.8	9.0	8.9	0.9	1.0	0.8	3.4	4.0	Dyeing, bleaching, printing and finishing of yarns and fabrics
0.8	-0.9	-1.9	0.4	0.4	9.6	8.7	5.8	6.0	0.6	2.8	-2.5	-3.5	-7.5	-7.4	-9.0	-9.5	-9.5	Other industry
-1.7	-2.6	-1.8	-1.7	-1.4	-1.8	-1.7	-2.4	-1.9	-1.5	-1.2	-0.9	-0.8	1.3	0.8	1.0	1.0	1.2	Manufacture of other textiles
-1.9	-2.0	-1.4	-2.0	-2.1	-2.0	-1.2	-2.4	-2.3	-2.4	-0.3	-1.8	-1.7	1.7	0.3	3.0	3.6	2.7	Manufacture of knitted and crocheted fabrics
-1.6	-2.9	-2.0	-1.5	-1.1	-1.6	-1.9	-2.5	-1.7	-1.0	-1.7	-0.3	-0.2	1.1	1.1	-0.2	-0.5	0.3	Other industry
2.3	2.7	2.1	2.5	2.0	-1.6	-1.4	0.7	0.9	0.8	0.7	0.4	0.2	0.6	0.9	1.3	1.2	1.4	Manufacture of wearing apparel, except fur
3.6	4.4	3.2	3.6	2.3	-1.5	-1.4	1.1	0.7	0.7	1.0	0.6	0.5	1.8	1.6	2.9	2.9	3.0	Manufacture of clothings
-1.0	-1.6	-0.7	-0.2	1.0	-1.8	-1.4	-0.4	1.5	1.2	-0.01	-0.4	-0.3	-2.7	-1.2	-3.1	-3.2	-3.2	Other industry
0.8	1.0	-2.7	-0.7	0.8	-4.2	-3.9	-4.0	-3.8	-3.9	-6.2	-5.2	-6.9	-6.0	-6.0	-8.5	-9.2	-9.7	Manufacture of articles of fur, knitted and crocheted apparel
-2.9	-1.0	-1.0	-0.8	-1.4	-1.2	-1.0	-0.4	0.01	0.04	0.8	2.0	1.6	0.5	0.6	1.5	0.6	0.7	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
2.9	2.5	3.8	3.9	3.3	4.6	4.9	3.2	3.7	3.4	3.1	0.6	0.7	2.5	2.0	1.6	0.9	1.3	Manufacture of footwear Manufacture of leather footwear
1.7	0.6	1.1	0.6	0.1	0.9	0.6	-2.4	-1.7	-3.5	-3.1	-5.0	-3.3	-1.5	-4.0	-4.2	-6.4	-6.3	Manufacture of rubber footwear
4.3	4.7	6.8	7.5	6.7	8.7	9.6	9.6	9.7	10.9	9.6	6.3	4.9	6.7	8.4	7.5	8.4	9.0	Other industry
-1.8	-2.0	-0.6	-0.9	-1.1	-1.2	0.6	1.2	3.7	0.4	3.6	3.3	3.2	3.0	4.1	4.2	5.9	6.2	Sawmilling and planning of wood

Jadual **1.5b** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Number of Paid Employees of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh		2023	2024	2024				2025				2024	2025	2024			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain		1.2	0.4	0.05	2.5	1.0	0.4	0.5	-0.9	-2.3	1.0	-2.5	0.6	-0.3	0.0	1.5	1.1
16211	Pembuatan kepingan venier dan papan lapis		3.1	2.7	1.0	4.3	3.6	2.7	4.3	2.2	-2.2	3.5	-2.1	2.3	1.5	1.0	2.6	1.7
16212	Pembuatan papan partikel dan papan gentian		8.4	3.1	10.4	11.5	1.7	3.1	0.8	-3.3	-2.1	2.6	-2.5	10.3	10.8	10.4	12.0	11.6
16221	Pertukangan kayu untuk jurubina		-10.9	-11.8	-9.5	-11.3	-9.0	-11.8	-10.8	-10.1	-5.3	-10.1	-5.9	-11.2	-13.0	-9.5	-10.9	-11.0
	Industri lain		2.3	0.9	0.0	4.1	0.5	0.9	-1.9	-1.8	-0.7	0.6	-1.4	0.8	-0.1	0.0	3.6	4.1
170	Pembuatan kertas dan produk kertas		1.0	0.6	0.9	0.7	0.5	0.6	0.3	0.1	-0.3	0.7	-0.4	1.0	0.8	0.9	0.8	0.5
17010	Pembuatan pulpa, kertas dan kertas tebal		-2.4	5.9	-0.4	3.3	5.6	5.9	9.0	8.8	2.8	6.2	2.8	0.7	-0.5	-0.4	-0.8	3.5
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal		-1.4	-1.9	-2.0	-2.6	-1.6	-1.9	-1.8	-3.4	-2.6	-1.7	-2.8	-1.8	-2.1	-2.0	-2.2	-2.6
17091	Pembuatan sampul surat dan kad surat		4.1	-2.6	-4.1	-5.3	-5.6	-2.6	-0.5	-0.9	-2.2	-3.7	-3.4	1.3	-1.6	-4.1	-4.2	-5.4
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi		5.1	-2.3	6.0	3.5	-2.4	-2.3	-4.0	0.4	4.2	-2.5	4.3	4.5	5.5	6.0	6.2	2.0
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding		0.0	1.0	0.2	0.8	1.0	1.0	0.9	-2.2	-3.3	-0.4	-1.2	0.1	0.1	0.2	0.3	0.6
	Industri lain		9.8	8.2	8.1	7.2	7.9	8.2	2.5	3.1	-0.6	11.1	-2.5	7.9	7.7	8.1	7.7	8.1
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman		1.7	0.8	-2.8	-1.3	0.1	0.8	0.6	1.3	1.8	1.3	0.2	-2.4	-1.9	-2.8	-2.4	-3.3
18110	Percetakan		2.3	0.6	-2.5	-2.4	-0.1	0.6	0.9	2.3	1.9	1.4	0.2	-2.2	-1.5	-2.5	-3.1	-4.5
18120	Aktiviti perkhidmatan berkaitan percetakan		-1.2	1.7	-3.7	3.5	1.4	1.7	-0.8	-2.9	1.3	1.3	0.3	-3.50	-3.44	-3.68	0.66	2.17
&																		
18200	Penerbitan semula media rakaman																	
192 (19201 & 19202)	Pembuatan produk petroleum bertapis		3.7	0.4	1.8	1.0	0.5	0.4	1.0	2.0	2.9	0.9	2.4	2.6	2.9	1.8	1.6	0.7
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer		0.3	5.3	-0.7	0.9	4.4	5.3	4.4	3.7	0.8	4.9	0.4	-0.2	-0.6	-0.7	3.3	1.8
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat		9.1	14.9	8.0	12.7	13.8	14.9	5.4	1.7	-1.5	14.9	-3.5	9.3	9.0	8.0	14.7	11.8
20112	Pembuatan kimia organik asas																	
&																		
20113	Pembuatan sebatian bukan organik		-1.9	4.9	-2.4	-0.9	3.7	4.9	5.0	4.5	0.4	4.5	0.6	-2.3	-2.4	-2.4	2.0	0.6
20121	Pembuatan baja																	
&																		
20129	Pembuatan produk campuran nitrogen		-5.9	-1.6	-11.4	-8.2	-1.3	-1.6	-0.5	0.2	-1.8	-1.6	-2.0	-7.0	-10.7	-11.4	-4.6	-8.0
20131	Pembuatan plastik dalam bentuk primer		2.1	4.0	3.8	3.0	3.5	4.0	5.0	5.1	3.1	3.5	2.9	1.5	3.4	3.8	4.4	4.4
	Industri lain		6.6	9.2	4.7	4.8	6.8	9.2	8.2	6.3	4.6	7.6	2.8	6.1	3.9	4.7	6.1	4.3
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia		-2.6	-3.0	-3.0	-0.2	-3.0	-3.0	-2.8	-3.6	-1.7	-3.9	-1.7	-2.8	-2.1	-3.0	-1.9	-0.8
20210	Pembuatan racun perosak dan produk agrokimia lain		13.8	11.0	9.0	13.0	13.2	11.0	8.9	6.1	3.1	10.7	4.2	13.1	10.5	9.0	10.9	11.1
20221	Pembuatan cat, varnis dan penyadur dan mastik		1.4	-0.2	1.7	0.6	0.1	-0.2	-4.7	-7.0	-4.8	-0.9	-5.6	0.1	5.1	1.7	1.0	0.4
20222	Pembuatan dakwat cetak		4.7	-4.1	1.7	1.9	-3.1	-4.1	-4.2	-4.1	2.1	-4.0	2.7	4.0	3.9	1.7	2.3	1.8
20231	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap		-7.7	-4.3	-6.7	1.0	-3.2	-4.3	0.0	-0.2	0.9	-4.2	0.9	-7.5	-7.1	-6.7	-3.8	0.1
&																		
20232	Pembuatan pewangi dan penyediaan dandanan diri																	
20291	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials																	
&																		
20292	Pembuatan dakwat menulis dan melukis		-4.0	-6.5	-5.0	-5.5	-9.0	-6.5	-8.0	-8.7	-6.3	-9.2	-6.6	-4.2	-4.2	-5.0	-5.1	-5.7
&																		
20299	Pembuatan produk kimia lain t.t.t.l.																	
	Industri lain		-32.2	-11.9	-36.1	-36.9	-18.4	-11.9	-12.3	-6.8	-0.9	-12.8	-0.7	-31.0	-35.6	-36.1	-36.9	-37.1
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani		2.3	3.0	1.6	0.5	0.3	3.0	2.0	2.3	3.1	2.6	3.0	1.9	1.4	1.6	0.6	0.3
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan		1.1	4.0	-0.03	-1.4	0.2	4.0	3.1	4.0	4.0	3.8	4.5	1.0	0.6	0.0	-2.5	-2.3
	Industri lain		5.4	0.6	5.4	5.0	0.4	0.6	-0.4	-1.4	1.2	-0.3	-0.6	3.8	3.5	5.4	8.6	6.6
221	Pembuatan produk getah		-4.0	-2.4	-5.0	-3.5	-2.5	-2.4	-3.1	-3.9	-6.0	-2.5	-6.5	-3.6	-4.1	-5.0	-5.2	-4.1
22111	Pembuatan tayar getah untuk kenderaan		2.6	-3.7	0.3	-4.5	-2.2	-3.7	-3.8	-8.5	-5.4	-3.2	-5.2	2.8	1.1	0.3	-5.1	-5.4
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup		12.0	-3.7	9.7	9.2	2.2	-3.7	-2.6	-2.2	-2.8	-7.3	-4.8	12.0	9.5	9.7	9.6	10.4
22191	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan		4.4	-5.3	1.2	0.1	-4.4	-5.3	-8.4	-10.3	-12.9	-4.6	-12.6	3.8	1.4	1.2	0.2	-0.5
&																		
22193	Pengilangan semula getah dan prosesan susu getah																	
22192	Pembuatan sarung tangan getah		-9.0	-2.4	-8.5	-5.9	-2.7	-2.4	-2.5	-3.3	-8.2	-2.3	-10.2	-7.6	-6.9	-8.5	-8.7	-7.4
22199	Pembuatan produk getah lain yang t.t.t.l.		-1.5	-0.4	-4.3	-2.1	-1.7	-0.4	-1.0	0.1	1.3	-1.0	2.6	-2.7	-4.1	-4.3	-3.2	-1.2
222	Pembuatan produk plastik		3.3	2.2	2.6	3.1	2.6	2.2	2.1	1.0	2.4	2.9	1.6	3.3	2.5	2.6	3.1	3.4
22201	Pembuatan produk plastik separa siap																	
&																		
22202	Pembuatan produk plastik siap		1.6	1.5	1.2	0.3	1.4	1.5	2.9	0.6	-0.4	2.1	1.7	1.5	1.6	1.2	0.5	1.0
22203	Pembuatan artikel plastik untuk pembungkusan barangan		5.8	2.0	4.7	4.0	2.3	2.0	1.4	1.7	1.6	2.8	2.0	6.1	4.6	4.7	4.8	4.7
22204	Pembuatan barangan plastik jurubina		0.3	5.4	0.01	1.7	2.1	5.4	3.1	1.7	-1.3	4.9	-1.8	0.7	-0.4	0.0	1.7	1.6
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik		0.7	0.9	-0.2	0.7	-1.6	0.9	-3.7	-5.5	-3.5	1.0	-3.8	1.3	-0.2	-0.2	0.8	0.1
22209	Pembuatan pelbagai produk plastik t.t.t.l.		3.0	3.0	2.4	5.0	4.9	3.0	3.6	2.4	6.9	4.0	2.9	2.6	2.2	2.4	4.0	4.8
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca		-1.0	5.1	0.3	5.9	6.8	5.1	1.8	-4.8	-3.3	5.5	-1.7	-1.0	-0.6	0.3	1.2	4.4

2025																	Group Description/Period	
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.		Nov.
2.5	2.9	0.8	1.0	0.8	1.0	0.4	-0.1	-0.3	0.5	0.1	-0.7	-0.9	-0.5	0.2	-2.3	-2.6	-2.5	Manufacture of products of wood, cork, straw and plaiting materials
4.3	4.0	3.8	3.6	3.0	3.5	2.7	2.6	2.6	4.3	3.9	3.3	2.2	2.8	2.3	-2.2	-2.4	-2.1	Manufacture of veneer sheets and plywood
11.5	10.5	-3.3	1.7	2.6	2.6	3.1	3.0	0.3	0.8	0.7	-3.7	-3.3	-3.0	-2.3	-2.1	-2.2	-2.5	Manufacture of particle board and fibreboard
-11.3	-9.5	-10.3	-9.0	-10.1	-10.1	-11.8	-11.2	-10.7	-10.8	-10.9	-11.0	-10.1	-10.8	-4.5	-5.3	-5.7	-5.9	Manufacture of builders' carpentry
4.1	5.8	2.7	0.5	1.1	0.6	0.9	-1.2	-1.3	-1.9	-3.2	-3.4	-1.8	-1.5	-1.5	-0.7	-1.7	-1.4	Other industry
0.7	1.2	0.8	0.5	0.6	0.7	0.6	0.3	0.6	0.3	0.5	0.3	0.1	0.6	0.4	-0.3	-0.2	-0.4	Manufacture of paper and paper products
3.3	3.9	4.9	5.6	6.5	6.2	5.9	6.3	8.9	9.0	9.3	9.2	8.8	7.8	8.2	2.8	2.7	2.8	Manufacture of pulp, paper and paperboard
-2.6	-2.6	-1.3	-1.6	-1.5	-1.7	-1.9	-1.5	-1.6	-1.8	-1.9	-3.1	-3.4	-2.3	-2.9	-2.6	-2.8	-2.8	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-5.3	-5.2	-4.5	-5.6	-5.4	-3.7	-2.6	-2.6	-3.1	-0.5	1.4	-0.2	-0.9	-0.5	-1.5	-2.2	-1.4	-3.4	Manufacture of envelopes and letter-card
3.5	3.4	-2.9	-2.4	-2.4	-2.5	-2.3	-3.4	-4.1	-4.0	-3.8	0.3	0.4	3.4	4.1	4.2	4.2	4.3	Manufacture of household and personal hygiene paper
0.8	1.8	1.2	1.0	-0.1	-0.4	1.0	0.3	1.0	0.9	0.4	-1.2	-2.2	-3.4	-4.2	-3.3	-1.1	-1.2	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
7.2	9.8	11.4	7.9	8.7	11.1	8.2	6.1	5.6	2.5	3.4	2.3	3.1	1.2	1.3	-0.6	-1.1	-2.5	Other industry
-1.3	-1.2	0.2	0.1	1.0	1.3	0.8	0.6	0.7	0.6	1.3	1.6	1.3	1.0	1.4	1.8	2.2	0.2	Printing, service activities related to printing and reproduction of recorded media
-2.4	-2.3	-0.2	-0.1	1.1	1.4	0.6	0.7	1.0	0.9	1.8	2.1	2.3	1.7	1.3	1.9	2.5	0.2	Printing
3.53	3.80	1.90	1.40	0.73	1.33	1.70	0.05	-0.7	-0.8	-0.9	-1.0	-2.9	-2.2	2.0	1.3	0.8	0.3	Service activities related to printing
																		Reproduction of recorded media
1.0	1.1	0.6	0.5	0.7	0.9	0.4	2.0	1.9	1.0	1.7	1.5	2.0	2.4	2.7	2.9	2.6	2.4	Manufacture of refined petroleum products
0.9	4.7	4.6	4.4	4.2	4.9	5.3	4.5	5.0	4.4	3.8	3.9	3.7	2.9	1.6	0.8	0.8	0.4	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
12.7	13.5	13.6	13.8	12.1	14.9	14.9	11.2	10.4	5.4	4.5	3.0	1.7	-2.0	-2.5	-1.5	-0.1	-3.5	Manufacture of liquefied or compressed inorganic industrial or medical gases
																		Manufacture of basic organic chemicals
-0.9	4.0	4.1	3.7	3.8	4.5	4.9	4.5	6.0	5.0	4.8	4.3	4.5	3.9	2.6	0.4	0.6	0.6	Manufacture of inorganic compounds
																		Manufacture of fertilizers
-8.2	-0.9	-1.1	-1.3	-1.6	-1.6	-1.6	-2.7	-2.7	-0.5	-1.9	0.4	0.2	-0.4	-0.7	-1.8	-2.0	-2.0	Manufacture of associated nitrogen products
3.0	3.4	3.2	3.5	3.3	3.5	4.0	4.8	4.7	5.0	4.8	5.1	5.1	5.0	3.0	3.1	2.8	2.9	Manufacture of plastics in primary forms
4.8	10.2	8.3	6.8	7.3	7.6	9.2	6.6	7.4	8.2	6.3	6.6	6.3	6.5	4.5	4.6	2.3	2.8	Other industry
-0.2	-2.6	-2.3	-3.0	-3.4	-3.9	-3.0	-2.9	-2.6	-2.8	-2.6	-3.4	-3.6	-2.0	-1.2	-1.7	-1.6	-1.7	Manufacture of other chemical products and man-made fibres
13.0	12.7	12.9	13.2	10.6	10.7	11.0	8.6	8.8	8.9	8.3	6.6	6.1	5.7	6.2	3.1	3.9	4.2	Manufacture of pesticides and other agrochemical products
0.6	0.0	0.0	0.1	-1.1	-0.9	-0.2	-4.1	-3.9	-4.7	-5.5	-6.5	-7.0	-5.8	-5.2	-4.8	-4.8	-5.6	Manufacture of paints, varnishes and similar coatings ink and mastics
1.9	-6.1	-4.8	-3.1	-3.7	-4.0	-4.1	-4.1	-4.2	-4.2	-4.9	-3.9	-4.1	3.1	2.7	2.1	2.5	2.7	Manufacture of printing ink
																		Manufacture of soap and detergents, cleaning and polishing preparations
1.0	-2.0	-1.8	-3.2	-3.8	-4.2	-4.3	-0.9	0.1	0.05	1.3	-0.3	-0.2	2.0	1.9	0.9	1.3	0.9	Manufacture of perfumes and toilet preparations
																		Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-5.5	-6.7	-7.2	-9.0	-8.1	-9.2	-6.5	-7.7	-7.8	-8.0	-8.2	-8.4	-8.7	-9.0	-6.6	-6.3	-6.7	-6.6	Manufacture of writing and drawing ink
																		Manufacture of other chemical products n.e.c.
-36.9	-37.1	-20.9	-18.4	-11.4	-12.8	-11.9	-11.4	-12.4	-12.3	-9.9	-9.7	-6.8	-7.0	-0.6	-0.9	-1.1	-0.7	Other industry
0.5	0.4	0.9	0.3	0.4	2.6	3.0	2.9	2.4	2.0	2.3	2.5	2.3	2.4	2.7	3.1	3.3	3.0	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-1.4	-0.8	0.3	0.2	0.1	3.8	4.0	3.7	2.8	3.1	3.9	4.7	4.0	3.9	3.7	4.0	5.0	4.5	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
5.0	3.1	2.2	0.4	1.1	-0.3	0.6	1.3	1.5	-0.4	-1.4	-2.4	-1.4	-1.2	0.4	1.2	-0.5	-0.6	Other industry
-3.5	-3.4	-2.9	-2.5	-2.4	-2.5	-2.4	-2.5	-2.8	-3.1	-3.2	-3.7	-3.9	-3.7	-6.3	-6.0	-6.4	-6.5	Manufacture of rubber products
-4.5	-11.6	-2.2	-2.2	-2.2	-3.2	-3.7	-4.8	-3.7	-3.8	-5.6	-8.4	-8.5	-5.2	-5.0	-5.4	-5.3	-5.2	Manufacture of rubber tyres for vehicles
9.2	9.3	4.6	2.2	2.1	-7.3	-3.7	-2.8	-2.9	-2.6	-3.9	-4.5	-2.2	-1.2	-1.6	-2.8	-5.8	-4.8	Manufacture of interchangeable tyre treads and retreading rubber tyres
																		Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
0.1	-3.9	-4.7	-4.4	-4.4	-4.6	-5.3	-7.5	-8.4	-8.4	-9.9	-10.0	-10.3	-10.8	-12.8	-12.9	-13.1	-12.6	Rubber remilling and latex processing
-5.9	-4.0	-3.4	-2.7	-2.8	-2.3	-2.4	-1.8	-2.2	-2.5	-1.7	-1.9	-3.3	-3.6	-9.0	-8.2	-9.5	-10.2	Manufacture of rubber gloves
-2.1	-1.0	-1.8	-1.7	-1.1	-1.0	-0.4	-0.2	-0.5	-1.0	-1.1	-2.0	0.1	0.8	1.5	1.3	2.0	2.6	Manufacture of other rubber products n.e.c.
3.1	3.1	2.7	2.6	2.8	2.9	2.2	2.0	2.2	2.1	1.9	1.2	1.0	0.8	2.2	2.4	2.9	1.6	Manufacture of plastics products
																		Manufacture of semi-manufactures of plastic products
0.3	0.7	1.2	1.4	1.2	2.1	1.5	2.0	1.9	2.9	1.9	0.8	0.6	0.5	-0.4	-0.4	2.3	1.7	Manufacture of finished plastic products
4.0	1.9	2.2	2.3	3.0	2.8	2.0	1.2	1.4	1.4	2.0	2.1	1.7	1.3	1.9	1.6	1.5	2.0	Manufacture of plastic articles for the packing of goods
1.7	1.1	1.4	2.1	2.3	4.9	5.4	2.2	3.4	3.1	2.8	2.0	1.7	1.4	1.0	-1.3	-1.0	-1.8	Manufacture of builders' plastics ware
0.7	4.9	-1.5	-1.6	0.6	1.0	0.9	-2.3	-2.5	-3.7	-3.6	-5.4	-5.5	-5.9	-5.8	-3.5	-3.8	-3.8	Manufacture of plastic tableware, kitchenware and toilet articles
5.0	5.5	5.5	4.9	4.4	4.0	3.0	3.9	4.3	3.6	3.2	2.3	2.4	2.2	6.6	6.9	6.8	2.9	Manufacture of diverse plastic products n.e.c.
5.9	7.4	7.0	6.8	6.6	5.5	5.1	3.8	2.5	1.8	1.3	-3.3	-4.8	-0.9	-3.5	-3.3	-2.5	-1.7	Manufacture of glass and glass products

Jadual **1.5b** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Number of Paid Employees of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024		2025				2024		2025		2024				2025	
		2023	2024	2024				2025				(Jan. - Nov.)	(Jan. - Nov.)	2024			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			Jan.	Feb.	Mac	Apr.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.5	-1.0	0.1	-1.4	-1.3	-1.0	3.0	3.4	1.6	-1.1	1.7	-0.5	0.2	0.1	0.3	-0.8
23911 & 23921	Pembuatan mortar refraktori dan konkrit	-8.1	-6.1	-9.3	-11.9	-11.4	-6.1	0.9	1.4	-1.8	-6.1	-1.8	-8.6	-8.8	-9.3	-9.4	-11.2
23930	Pembuatan produk porselin dan seramik lain	-14.9	-7.3	-1.5	-5.0	-4.2	-7.3	-5.1	-6.3	-9.7	-7.1	-9.9	-16.5	-3.0	-1.5	-1.7	-5.3
23941	Pembuatan simen hidrolik	1.0	1.1	0.02	-0.1	4.4	1.1	5.9	5.2	-0.2	0.7	-1.6	0.4	0.1	0.0	0.4	0.0
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	1.5	0.7	2.2	3.3	0.1	0.7	2.4	2.6	5.7	-0.4	6.0	0.7	0.3	2.2	2.3	2.2
23952 & 23953	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;	4.1	-4.8	-4.8	-6.6	-6.1	-4.8	2.5	3.3	3.1	-5.0	3.4	-3.9	-3.8	-4.8	-4.1	-6.0
23959	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan																
	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.																
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	12.4	9.9	13.6	9.3	13.8	9.9	9.9	13.1	1.6	10.0	3.0	15.0	14.0	13.6	12.1	12.9
	Industri lain	14.8	4.1	13.3	11.8	5.2	4.1	1.7	0.04	-0.8	6.0	-1.4	13.3	13.4	13.3	13.7	13.3
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	5.3	3.4	7.0	5.9	5.1	3.4	2.1	1.2	0.6	3.4	1.0	5.4	7.5	7.0	6.8	5.9
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	-5.9	-3.3	-7.1	-5.0	-4.1	-3.3	-2.8	-2.7	-3.2	-3.5	-4.0	-5.3	-8.1	-7.1	-6.9	-6.9
243	Pengacuan logam	1.6	2.6	-0.7	-0.6	0.2	2.6	3.1	5.9	7.9	2.7	8.4	0.7	-0.7	-0.7	1.7	2.4
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.4	2.4	1.7	4.4	3.7	2.4	4.1	4.6	4.4	2.4	5.7	2.0	1.2	1.7	3.1	1.5
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	4.6	5.1	5.2	8.6	5.9	5.1	8.2	8.5	7.6	5.4	6.6	5.0	4.2	5.2	6.7	4.4
25120	Pembuatan produk struktur logam lain	-8.3	-5.1	-7.5	-4.4	-3.0	-5.1	-6.6	-5.4	-3.8	-5.7	7.2	-6.5	-6.9	-7.5	-4.7	-5.0
	Pembuatan tangki, takungan dan kontena daripada logam	-8.3	-5.1	-7.5	-4.4	-3.0	-5.1	-6.6	-5.4	-3.8	-5.7	7.2	-6.5	-6.9	-7.5	-4.7	-5.0
	Industri lain	-0.7	-2.0	-2.2	-3.2	1.7	-2.0	-3.1	-2.9	-2.2	-1.9	-0.6	-0.9	-1.9	-2.2	-3.7	-3.6
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	5.4	2.2	4.6	5.0	3.1	2.2	0.2	0.0	-0.2	2.4	-1.0	5.4	4.3	4.6	5.3	5.4
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-0.3	3.5	-0.8	2.0	2.6	3.5	3.9	5.6	4.9	1.7	3.5	-1.1	-1.7	-0.8	1.9	2.1
25920	Rawatan dan penyalutan logam; menggunakan mesin	-9.7	-14.1	-11.4	-13.4	-14.0	-14.1	-19.1	-17.6	-17.8	-15.2	-17.6	-9.0	-11.8	-11.4	-11.4	-12.2
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.1	13.2	8.2	11.1	11.0	13.2	10.4	10.1	8.4	12.8	7.7	7.5	5.5	8.2	12.1	12.4
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	8.3	-0.03	9.7	8.2	4.9	0.0	-2.7	-2.5	-2.0	4.4	-1.8	9.4	8.4	9.7	8.7	8.6
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya																
25999	Pembuatan barangan rumah daripada logam	14.1	2.9	5.5	-1.3	-1.1	2.9	2.0	8.4	8.3	2.8	-11.0	11.6	11.8	5.5	3.1	3.7
	Pembuatan produk lain yang direka daripada logam t.t.t.l.	7.9	6.1	7.3	8.0	7.2	6.1	4.8	2.3	2.2	5.9	2.3	7.8	5.9	7.3	7.8	8.1
	Industri lain	21.8	3.6	17.8	17.4	4.9	3.6	1.2	-2.9	-5.4	3.3	-4.9	20.9	21.6	17.8	16.0	16.1
261	Pembuatan komponen dan papan elektronik	1.9	-2.2	-2.5	-2.9	-3.3	-2.2	-0.9	-0.8	0.8	-2.2	1.7	1.2	-1.6	-2.5	-3.1	-3.1
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	0.9	-1.9	-2.2	-2.4	-3.1	-1.9	-1.8	-1.3	1.8	-2.5	3.0	1.1	-1.5	-2.2	-4.3	-2.9
26103 & 26104	Pembuatan litar elektronik bersepadu dengan pemasangan mikro																
26105	Pembuatan kapasitor dan perintang elektrik	3.0	-2.5	-3.7	-3.7	-3.6	-2.5	0.1	-0.2	0.7	-1.6	1.3	1.1	-2.5	-3.7	-2.3	-3.5
26109	Pembuatan papan litar bercetak	3.0	-2.5	-3.7	-3.7	-3.6	-2.5	0.1	-0.2	0.7	-1.6	1.3	1.1	-2.5	-3.7	-2.3	-3.5
	Pembuatan komponen paparan																
	Pembuatan komponen lain untuk aplikasi elektronik	3.0	-3.0	2.7	-2.1	-3.4	-3.0	0.0	-1.3	-8.1	-2.7	-7.7	3.4	3.5	2.7	2.4	-2.1
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	-3.2	6.9	1.7	3.5	5.6	6.9	6.7	5.1	4.0	6.5	2.0	1.2	1.3	1.7	1.9	2.2
263/ 26300	Pembuatan komputer dan kelengkapan peranti	0.3	4.3	0.6	0.4	5.0	4.3	6.3	6.7	4.9	4.9	7.6	0.2	0.3	0.6	0.8	1.0
264/ 26400	Pembuatan peralatan komunikasi	3.4	4.7	4.4	4.6	-0.1	4.7	2.9	4.7	1.9	7.8	-4.6	3.6	4.0	4.4	4.5	5.0
265	Pembuatan peralatan elektronik pengguna																
	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-0.1	4.7	-0.4	3.7	4.3	4.7	2.6	1.3	1.8	5.2	3.7	0.2	-0.7	-0.4	-0.1	0.8
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	0.2	4.9	-0.4	3.0	3.9	4.9	4.0	2.9	2.7	5.3	3.7	0.3	-0.6	-0.4	0.0	0.3
26520	Pembuatan kelengkapan kawalan proses perindustrian																
	Pembuatan jam tangan dan jam dan bahagiannya	-1.1	4.2	-0.5	6.1	6.0	4.2	-1.9	-4.4	-1.1	4.6	3.7	0.0	-0.8	-0.5	-0.5	2.7
266/ 26600	Pembuatan jam tangan dan jam dan bahagiannya																
	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-3.1	0.6	-6.3	-6.5	-1.7	0.6	1.4	0.6	2.4	0.2	-2.4	-6.6	-5.9	-6.3	-6.2	-6.6

2025																	Group Description/Period
Jun	Jul	Ogo	Sep	Okt	Nov	Dis	Jan	Feb	Mac	Apr	Mei	Jun	Jul	Ogo	Sep	Okt	
-1.4	-1.3	-1.1	-1.3	-0.6	-1.1	-1.0	1.9	2.4	3.0	3.3	3.3	3.4	1.5	1.7	1.6	1.7	Manufacture of non-metallic mineral products
																	Manufacture of refractory mortars and concretes
-11.9	-10.5	-13.1	-11.4	-6.4	-6.1	-6.1	-1.8	-0.4	0.9	1.3	1.1	1.4	0.2	0.01	-1.8	-1.5	-1.8
																	Manufacture of non-refractory ceramic
-5.0	-4.2	-3.8	-4.2	-4.8	-7.1	-7.3	-6.2	-3.3	-5.1	-4.5	-4.9	-6.3	-8.6	-12.6	-9.7	-9.9	Manufacture of other porcelain and ceramic products
-0.1	1.0	6.3	4.4	5.3	0.7	1.1	1.4	1.4	5.9	5.6	5.6	5.2	0.01	0.3	-0.2	-1.2	-1.6
																	Manufacture of hydraulic cement
3.3	2.1	1.9	0.1	1.7	-0.4	0.7	2.6	2.5	2.4	3.9	2.9	2.6	3.7	5.4	5.7	6.3	6.0
																	Manufacture of ready-mix and dry-mix concrete and mortars
																	Manufacture of precast concrete, cement or artificial stone articles for use in construction
-6.6	-6.9	-6.6	-6.1	-5.6	-5.0	-4.8	1.9	2.7	2.5	2.9	3.5	3.3	1.8	2.8	3.1	2.7	3.4
																	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
9.3	9.5	15.0	13.8	9.9	10.0	9.9	8.8	8.4	9.9	9.7	10.0	13.1	6.9	3.4	1.6	2.9	3.0
11.8	12.0	5.4	5.2	5.6	6.0	4.1	0.9	1.6	1.7	0.7	0.4	0.04	-2.1	-0.4	-0.8	-0.1	-1.4
																	Manufacture of other articles of concrete, cement and plaster n.e.c.
																	Manufacture of other non-metallic mineral products n.e.c.
																	Other industry
5.9	5.8	5.0	5.1	3.8	3.4	3.4	2.9	3.2	2.1	1.9	1.0	1.2	1.8	0.8	0.6	0.9	1.0
																	Manufacture of basic iron and steel
-5.0	-6.2	-4.3	-4.1	-4.8	-3.5	-3.3	-3.8	-2.7	-2.8	-2.0	-2.3	-2.7	-2.1	-2.5	-3.2	-3.1	-4.0
																	Manufacture of basic precious and other non-ferrous metals
-0.6	3.6	-0.4	0.2	0.5	2.7	2.6	3.0	1.3	3.1	3.1	4.0	5.9	6.4	8.6	7.9	7.2	8.4
																	Casting of metals
4.4	4.5	4.1	3.7	4.0	2.4	2.4	3.1	2.7	4.1	4.5	4.7	4.6	4.4	5.4	4.4	5.1	5.7
																	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
8.6	7.7	6.0	5.9	7.1	5.4	5.1	6.1	5.6	8.2	7.7	8.6	8.5	8.4	7.6	7.6	5.4	6.6
																	Manufacture of metal doors, windows and their frames, shutters and gates
																	Manufacture of other structural metal products
-4.4	-3.4	-3.5	-3.0	-3.7	-5.7	-5.1	-5.7	-5.9	-6.6	-4.1	-5.2	-5.4	-6.2	4.2	-3.8	8.5	7.2
																	Manufacture of tanks, reservoirs and containers of metal
-3.2	-0.2	3.7	1.7	-1.2	-1.9	-2.0	-0.9	-1.0	-3.1	-0.8	-2.2	-2.9	-2.6	-4.4	-2.2	-0.7	-0.6
																	Other industry
5.0	4.6	4.9	3.1	2.3	2.4	2.2	1.1	1.4	0.2	0.7	0.3	0.0	0.6	0.6	-0.2	-0.4	-1.0
																	Manufacture of other fabricated metal products; metal working service activities
2.0	2.1	2.4	2.6	1.8	1.7	3.5	4.9	8.0	3.9	5.5	5.3	5.6	5.4	4.7	4.9	4.5	3.5
																	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-13.4	-13.7	-13.8	-14.0	-16.0	-15.2	-14.1	-16.0	-15.9	-19.1	-19.3	-19.8	-17.6	-17.9	-18.3	-17.8	-16.8	-17.6
																	Treatment and coating of metals; machining
11.1	11.4	12.0	11.0	12.2	12.8	13.2	9.0	11.2	10.4	11.0	10.2	10.1	10.6	11.5	8.4	6.4	7.7
																	Manufacture of tins and cans for food products, collapsible tubes and boxes
																	Manufacture of metal cable, plaited bands and similar articles
8.2	4.4	8.5	4.9	3.9	4.4	0.0	-2.2	-2.6	-2.7	-2.9	-3.2	-2.5	-2.6	-2.6	-2.0	-1.7	-1.8
																	Manufacture of bolts, screws, nuts and similar threaded products
-1.3	-1.8	-1.3	-1.1	-1.1	2.8	2.9	2.6	2.2	2.0	4.1	1.9	8.4	8.7	8.0	8.3	2.3	-11.0
																	Manufacture of metal household articles
8.0	8.7	8.9	7.2	5.8	5.9	6.1	4.6	4.6	4.8	5.0	4.6	2.3	4.7	4.4	2.2	2.1	2.3
																	Manufacture of any other fabricated metal products n.e.c.
17.4	18.8	10.1	4.9	5.4	3.3	3.6	3.2	-0.1	1.2	1.2	0.2	-2.9	-3.1	-3.9	-5.4	-5.1	-4.9
																	Other industry
-2.9	-3.7	-5.4	-3.3	-2.6	-2.2	-2.2	-2.7	-1.8	-0.9	-0.7	-0.7	-0.8	0.1	-0.2	0.8	1.7	1.7
																	Manufacture of electronic components and boards
-2.4	-4.2	-7.2	-3.1	-2.6	-2.5	-1.9	-2.9	-3.0	-1.8	-1.8	-1.9	-1.3	-0.9	-0.8	1.8	2.8	3.0
																	Manufacture of diodes, transistors and similar semiconductor devices
																	Manufacture of electronic integrated circuits micro assemblies
																	Manufacture of electrical capacitors and resistors
-3.7	-3.6	-3.4	-3.6	-2.4	-1.6	-2.5	-2.5	0.01	0.1	0.6	0.7	-0.2	1.6	0.8	0.7	1.7	1.3
																	Manufacture of printed circuit boards
																	Manufacture of display components
-2.1	-1.1	-2.1	-3.4	-3.1	-2.7	-3.0	-2.1	-2.1	0.03	0.5	0.0	-1.3	-1.7	-2.3	-8.1	-7.8	-7.7
																	Manufacture of other components for electronic applications
3.5	3.6	7.5	5.6	6.7	6.5	6.9	6.4	6.1	6.7	6.5	6.7	5.1	4.7	4.6	4.0	2.8	2.0
																	Manufacture of computers and peripheral equipment
0.4	5.8	5.8	5.0	4.3	4.9	4.3	5.7	6.1	6.3	5.9	5.1	6.7	8.3	3.7	4.9	5.2	7.6
																	Manufacture of communication equipment
4.6	6.2	-0.4	-0.1	1.1	7.8	4.7	5.0	4.7	2.9	2.6	2.9	4.7	2.8	2.2	1.9	1.3	-4.6
																	Manufacture of consumer electronics
3.7	2.6	3.6	4.3	5.7	5.2	4.7	3.2	3.1	2.6	3.2	1.4	1.3	2.2	1.8	1.8	3.5	3.7
																	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
3.0	1.6	2.8	3.9	5.8	5.3	4.9	3.7	3.6	4.0	5.0	3.1	2.9	3.8	3.1	2.7	3.5	3.7
																	Manufacture of measuring, testing, navigating and control equipment
6.1	6.4	6.4	6.0	5.2	4.6	4.2	1.6	1.1	-1.9	-2.9	-4.6	-4.4	-3.4	-2.9	-1.1	3.5	3.7
																	Manufacture of industrial process control equipment
																	Manufacture of watches and clocks and parts
-6.5	-2.3	-1.8	-1.7	-0.4	0.2	0.6	1.9	2.4	1.4	1.3	0.7	0.6	3.1	3.4	2.4	1.6	-2.4
																	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

1.5b : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
: Number of Paid Employees of Manufacturing Sector by Group: Annual Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025				2024	2025	2024							
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei				
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	1.7	-7.1	-2.1	-1.9	-10.7	-7.1	-4.5	-2.1	1.8	-7.2	5.0	-5.7	-4.0	-2.1	0.7	-2.1				
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-1.6	1.3	-3.5	-1.3	-0.2	1.3	2.9	2.3	1.2	0.8	1.2	-2.0	-3.1	-3.5	-1.6	-0.2				
	27101 Pembuatan motor elektrik, penjana dan transformer	0.7	1.0	-0.5	3.9	2.7	1.0	1.3	0.6	-4.3	1.1	-1.6	-1.6	-1.1	-0.5	2.8	3.8				
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.2	1.6	-5.7	-5.0	-2.4	1.6	4.0	3.7	5.4	0.5	3.4	-2.2	-4.6	-5.7	-4.7	-3.1				
272/ 27200	Pembuatan bateri dan akumulator	-0.2	-4.0	1.8	1.2	-5.2	-4.0	-8.4	-10.0	-13.2	-2.7	-10.6	-0.1	1.9	1.8	2.6	2.4				
273	Pembuatan pendawaian dan peranti pendawaian	-2.3	4.2	-1.3	0.8	0.2	4.2	4.3	4.3	5.7	3.3	4.7	0.1	-2.0	-1.3	-1.8	1.8				
	27310 Pembuatan kabel gentian optikal	4.6	6.2	2.0	5.0	3.9	6.2	7.5	6.3	5.8	3.6	2.8	3.6	2.6	2.0	2.9	3.0				
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	-3.9	4.4	-2.1	0.2	-0.1	4.4	4.3	4.5	5.6	3.6	4.5	-0.8	-3.1	-2.1	-2.5	1.5				
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	19.5	0.6	7.7	6.7	2.6	0.6	1.8	-0.4	5.9	-0.7	9.0	11.7	11.3	7.7	5.4	5.7				
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	7.6	4.6	10.6	12.9	4.4	4.6	-4.5	-4.1	-4.7	5.7	-6.1	10.4	10.0	10.6	10.6	12.5				
275/ 27500	Pembuatan perkakasan domestik	-0.5	-7.0	-0.8	-3.6	-7.5	-7.0	-9.0	-8.2	-3.7	-7.7	-3.1	-0.3	-1.6	-0.8	0.1	-3.3				
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.4	2.7	-3.1	-1.8	-0.4	2.7	3.5	4.6	1.4	2.7	1.8	-2.2	-2.8	-3.1	-2.2	-1.6				
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-2.4	1.4	-2.2	-2.3	0.2	1.4	1.2	1.1	0.8	0.8	0.7	-2.3	-2.1	-2.2	-2.4	-2.5				
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	-15.9	-14.8	-24.7	-26.4	-20.6	-14.8	-10.3	-6.2	-9.5	-20.4	-11.5	-24.1	-24.9	-24.7	-24.1	-23.7				
	28180 & 28220 Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	3.0	1.1	0.2	1.6	0.3	1.1	0.5	-3.7	-5.3	2.2	-5.1	4.4	5.7	0.2	0.3	0.5				
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-12.5	-1.8	-12.7	-12.4	-4.7	-1.8	-2.0	-4.7	-5.5	-2.7	-3.1	-13.0	-14.0	-12.7	-10.0	-12.8				
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-9.4	3.4	-10.4	-12.0	1.7	3.4	4.1	4.0	5.6	3.3	4.3	-10.1	-10.9	-10.4	-12.0	-11.9				
		0.8	3.9	4.5	3.9	4.0	3.9	3.0	4.8	5.1	3.5	4.9	2.1	2.3	4.5	3.6	3.9				
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1.3	-1.7	0.8	-0.7	-2.0	-1.7	-1.5	-2.8	-3.6	-0.5	-3.2	1.8	3.8	0.8	1.0	-1.2				
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	18.8	4.6	10.8	7.4	6.4	4.6	6.1	7.5	6.3	4.6	5.3	16.2	10.3	10.8	10.1	10.2				
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-1.7	0.4	-5.6	-0.5	0.3	0.4	-0.4	2.6	3.3	0.3	4.7	-1.1	-2.8	-5.6	0.9	-0.4				
301 (30110 & 30120)	Pembinaan kapal dan bot	9.5	-1.4	6.7	3.7	-1.8	-1.4	-3.4	-1.8	-3.3	-3.7	-4.0	7.3	6.9	6.7	6.6	4.6				
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.	-1.5	3.1	-2.0	1.0	4.0	3.1	2.9	1.7	2.3	3.8	2.5	-2.0	-2.4	-2.0	-0.6	0.6				
	30910 Pembuatan motosikal	10.0	7.3	5.4	9.6	6.5	7.3	7.9	9.1	11.0	6.4	10.4	6.5	5.1	5.4	8.6	10.7				
	30920 Pembuatan basikal dan invalid carriages Industri lain	-54.4	8.1	-54.2	-47.0	-4.3	8.1	9.2	2.9	-1.3	8.0	-5.4	-53.9	-53.9	-54.2	-54.0	-50.4				
		1.9	-1.3	3.3	4.1	2.7	-1.3	-2.2	-4.8	-5.4	1.0	-4.2	2.8	3.0	3.3	3.5	3.3				
310	Pembuatan perabot	6.1	1.8	5.1	3.4	2.3	1.8	0.7	1.7	1.6	1.6	1.7	4.6	5.0	5.1	5.7	5.1				
	31001 Pembuatan perabot kayu dan rotan Industri lain	6.2	2.3	4.9	3.0	1.6	2.3	1.1	1.9	1.3	1.7	0.7	4.2	4.8	4.9	5.3	5.0				
		5.7	0.2	6.0	4.9	4.6	0.2	-0.5	1.1	2.7	1.5	5.0	5.8	5.7	6.0	6.9	5.4				
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.6	-15.0	-6.2	-6.1	-7.8	-15.0	-12.6	-15.3	-14.1	-7.8	-16.9	-4.8	-9.3	-6.2	-6.6	-5.9				
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	3.5	3.8	4.0	3.9	2.8	3.8	5.7	5.1	4.1	3.0	4.5	3.3	4.4	4.0	4.4	3.7				
	32901 Pembuatan alat tulis Industri lain	-1.5	1.4	-1.0	-1.8	-0.7	1.4	3.7	8.8	1.9	0.9	0.7	-3.8	-1.1	-1.0	-0.4	-3.9				
		5.0	4.4	5.5	5.5	3.8	4.4	6.3	4.1	4.6	3.6	5.5	5.4	6.0	5.5	5.7	5.9				
323/ 32300	Pembuatan barangan sukan	-22.6	-8.4	-9.1	-7.8	-7.9	-8.4	-12.1	-12.3	4.8	-10.6	5.3	-18.5	-15.1	-9.1	-6.7	-6.2				
324/ 32400	Pembuatan permainan dan mainan	-4.8	-0.02	-1.7	-0.5	-2.1	-0.02	0.2	-1.6	1.0	0.1	3.4	-3.8	-3.1	-1.7	-1.8	-1.6				
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	3.6	0.2	1.9	0.4	0.2	0.2	1.5	2.2	3.6	0.2	3.0	2.3	1.8	1.9	1.1	0.3				
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal Industri lain	5.3	-0.4	3.8	1.9	0.1	-0.4	-2.0	1.1	7.6	-0.3	8.0	0.7	1.4	3.8	2.1	2.0				
		3.3	0.3	1.6	0.1	0.2	0.3	2.2	2.4	2.8	0.3	2.0	2.6	1.9	1.6	0.9	0.0				
Jumlah Pembuatan		1.7	1.0	0.5	1.0	0.8	1.0	1.1	1.0	1.0	1.0	0.8	1.3	0.6	0.5	1.0	0.9				

2025																	Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	
-1.9	-3.4	-10.4	-10.7	-10.7	-7.2	-7.1	-3.3	-3.6	-4.5	-5.2	-2.9	-2.1	-0.04	1.4	1.8	3.7	5.0 <i>Manufacture of optical instruments, photographic equipment, magnetic and optical media</i>
-1.3	1.1	0.1	-0.2	2.3	0.8	1.3	1.0	3.0	2.9	2.6	2.1	2.3	1.4	1.4	1.2	-1.5	1.2 <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>
3.9	3.6	3.6	2.7	2.6	1.1	1.0	1.3	1.5	1.3	1.2	0.7	0.6	-2.6	-3.9	-4.3	-4.6	-1.6 <i>Manufacture of electric motors, generators and transformers</i>
-5.0	-0.7	-2.6	-2.4	2.1	0.5	1.6	0.7	4.1	4.0	3.6	3.2	3.7	4.4	5.5	5.4	0.9	3.4 <i>Manufacture of electricity distribution and control apparatus</i>
1.2	0.5	-0.6	-5.2	-6.0	-2.7	-4.0	-1.0	-3.0	-8.4	-8.7	-9.7	-10.0	-11.1	-12.8	-13.2	-11.2	-10.6 <i>Manufacture of batteries and accumulators</i>
0.8	0.7	0.7	0.2	2.9	3.3	4.2	3.7	4.2	4.3	5.7	4.6	4.3	5.7	3.8	5.7	6.0	4.7 <i>Manufacture of wiring and wiring devices</i>
5.0	4.7	4.5	3.9	3.5	3.6	6.2	6.1	7.6	7.5	6.3	6.6	6.3	6.1	6.6	5.8	2.9	2.8 <i>Manufacture of fibre optic cables</i>
0.2	0.1	0.1	-0.1	2.9	3.6	4.4	3.8	4.3	4.3	6.1	4.8	4.5	5.8	3.5	5.6	6.1	4.5 <i>Manufacture of other electronic and electric wires and cables</i>
6.7	6.6	6.9	2.6	2.3	-0.7	0.6	-0.3	0.1	1.8	0.2	-0.1	-0.4	3.9	4.9	5.9	5.9	9.0 <i>Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material</i>
12.9	11.2	5.6	4.4	4.9	5.7	4.6	0.7	0.5	-4.5	-2.1	-3.5	-4.1	-3.6	-4.9	-4.7	-5.7	-6.1 <i>Manufacture of electric lighting equipment</i>
-3.6	-3.8	-7.1	-7.5	-7.4	-7.7	-7.0	-6.1	-5.2	-9.0	-8.1	-8.0	-8.2	-8.9	-8.2	-3.7	-3.5	-3.1 <i>Manufacture of domestic appliances</i>
-1.8	-3.3	-2.8	-0.4	0.6	2.7	2.7	2.7	3.3	3.5	3.6	3.3	4.6	4.8	1.1	1.4	1.2	1.8 <i>Manufacture of other electrical equipment</i>
-2.3	0.4	0.1	0.2	0.6	0.8	1.4	1.0	1.3	1.2	1.3	0.8	1.1	1.2	1.0	0.8	0.9	0.7 <i>Manufacture of general-purpose and special-purpose machinery</i>
-26.4	-25.1	-19.8	-20.6	-20.2	-20.4	-14.8	-10.1	-10.0	-10.3	-10.4	-9.9	-6.2	-7.1	-8.2	-9.5	-10.8	-11.5 <i>Manufacture of fluid power equipment</i>
																	<i>Manufacture of other pumps, compressors, taps and valves</i>
																	<i>Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives</i>
1.6	2.4	2.1	0.3	1.2	2.2	1.1	1.0	0.9	0.5	0.4	-3.4	-3.7	-3.9	-4.6	-5.3	-5.2	-5.1 <i>Manufacture of metal-forming machinery and machine tools</i>
-12.4	-4.4	-4.9	-4.7	-3.5	-2.7	-1.8	-4.3	-2.2	-2.0	-4.6	0.7	-4.7	-3.2	-2.5	-5.5	-4.0	-3.1 <i>Manufacture of air-conditioning machines, including for motor vehicles</i>
-12.0	-12.1	-2.5	1.7	2.7	3.3	3.4	5.2	4.7	4.1	4.0	3.7	4.0	4.0	7.1	5.6	5.1	4.3 <i>Manufacture of other special-purpose machinery</i>
3.9	7.3	3.6	4.0	3.9	3.5	3.9	2.7	2.9	3.0	3.9	3.7	4.8	4.9	4.3	5.1	5.2	4.9 <i>Other industry</i>
-0.7	-1.1	-0.7	-2.0	-0.3	-0.5	-1.7	-2.0	-1.0	-1.5	-0.9	-2.3	-2.8	-2.2	-4.2	-3.6	-3.4	-3.2 <i>Manufacture of motor vehicles</i>
7.4	7.1	7.1	6.4	3.5	4.6	4.6	6.1	7.2	6.1	5.7	6.3	7.5	5.8	6.5	6.3	8.5	5.3 <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>
-0.5	0.0	0.5	0.3	1.1	0.3	0.4	-0.7	-0.3	-0.4	-0.2	-0.2	2.6	3.0	2.7	3.3	3.2	4.7 <i>Manufacture of parts and accessories for motor vehicles</i>
3.7	0.8	-0.6	-1.8	-1.9	-3.7	-1.4	-1.1	-3.4	-3.4	-2.2	-1.5	-1.8	-1.3	-2.8	-3.3	-4.1	-4.0 <i>Building of ships and boats</i>
1.0	2.8	2.2	4.0	2.3	3.8	3.1	2.4	3.3	2.9	2.2	2.1	1.7	1.4	2.9	2.3	2.9	2.5 <i>Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c</i>
9.6	10.1	6.0	6.5	3.5	6.4	7.3	7.1	7.2	7.9	7.3	9.2	9.1	5.7	10.7	11.0	10.3	10.4 <i>Manufacture of motorcycles</i>
-47.0	-37.5	-15.3	-4.3	3.6	8.0	8.1	7.6	9.5	9.2	8.3	6.4	2.9	0.6	-1.0	-1.3	-3.5	-5.4 <i>Manufacture of bicycles and invalid carriages</i>
4.1	3.6	1.4	2.7	1.0	1.0	-1.3	-2.2	-0.8	-2.2	-2.9	-4.6	-4.8	-2.5	-3.7	-5.4	-3.4	-4.2 <i>Other industry</i>
3.4	2.8	2.9	2.3	1.9	1.6	1.8	1.2	1.4	0.7	0.5	0.7	1.7	2.0	1.4	1.6	1.8	1.7 <i>Manufacture of furniture</i>
3.0	1.9	1.8	1.6	1.7	1.7	2.3	2.2	2.4	1.1	0.3	0.8	1.9	2.4	1.0	1.3	1.2	0.7 <i>Manufacture of wooden and cane furniture</i>
4.9	5.8	6.9	4.6	2.7	1.5	0.2	-1.9	-1.9	-0.5	1.2	0.7	1.1	0.7	2.7	2.7	3.8	5.0 <i>Other industry</i>
-6.1	-6.4	-4.7	-7.8	-7.0	-7.8	-15.0	-15.8	-13.2	-12.6	-13.0	-14.7	-15.3	-15.4	-15.0	-14.1	-15.5	-16.9 <i>Manufacture of jewellery, bijouterie and related articles</i>
3.9	2.6	2.5	2.8	2.8	3.0	3.8	4.6	5.5	5.7	5.8	4.9	5.1	5.0	3.6	4.1	4.0	4.5 <i>Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.</i>
-1.8	-1.5	-0.8	-0.7	-1.5	0.9	1.4	3.5	3.7	3.7	3.4	7.4	8.8	9.4	3.2	1.9	1.5	0.7 <i>Manufacture of stationery</i>
5.5	3.7	3.4	3.8	4.0	3.6	4.4	4.9	5.9	6.3	6.5	4.2	4.1	3.9	3.7	4.6	4.7	5.5 <i>Other industry</i>
-7.8	-7.2	-7.9	-7.9	-8.0	-10.6	-8.4	-9.4	-9.5	-12.1	-14.0	-15.0	-12.3	-13.0	4.3	4.8	5.7	5.3 <i>Manufacture of sports goods</i>
-0.5	9.8	-0.4	-2.1	-1.5	0.1	0.0	0.7	0.7	0.2	0.1	-0.6	-1.6	-0.2	0.3	1.0	1.3	3.4 <i>Manufacture of games and toys</i>
0.4	0.2	1.1	0.2	0.4	0.2	0.2	0.7	1.7	1.5	1.8	2.3	2.2	2.8	1.8	3.6	3.3	3.0 <i>Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment</i>
1.9	3.6	2.0	0.1	0.1	-0.3	-0.4	-0.8	-0.6	-2.0	-1.9	1.9	1.1	4.7	4.2	7.6	8.4	8.0 <i>Repair and maintenance of transport equipment except motorcycles and bicycles</i>
0.1	-0.4	0.9	0.2	0.4	0.3	0.3	1.0	2.2	2.2	2.5	2.4	2.4	2.4	1.3	2.8	2.3	2.0 <i>Other industry</i>
1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2	1.1	1.2	0.9	1.0	1.1	1.0	1.0	1.1	0.8 <i>Total Manufacturing</i>

Jadual **1.5c** : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
Table : Number of Paid Employees of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging	2.1	-2.8	5.1	-0.1	-0.5	1.5	6.0	5.9	0.6	0.3	-0.5	0.3	-2.6
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	1.6	0.2	-1.4	-0.1	0.8	-0.8	-3.2	4.5	-0.4	-0.7	1.3	0.1	-1.2
	10201 Pengetinan ikan, krustasea dan moluska	1.1	0.3	-3.0	0.2	1.3	-0.7	-4.3	3.2	-0.9	-0.7	1.4	0.2	-1.2
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	4.1	-0.2	6.7	-1.6	-1.2	-1.1	1.8	11.5	2.1	-0.7	0.8	-0.3	-0.8
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	6.5	-3.6	-6.6	-2.0	2.4	0.9	-1.8	1.8	2.0	0.7	-0.5	-2.3	-0.9
	10303 Pengetinan nanas	2.4	-2.9	-3.4	-1.4	1.5	-6.5	-4.5	-3.3	10.0	-2.9	0.7	-4.1	0.6
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	6.8	-3.6	-6.7	-2.0	2.5	1.4	-1.7	2.1	1.6	0.9	-0.5	-2.2	-1.0
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-0.7	1.4	0.8	1.1	-0.6	1.5	1.9	5.8	-0.4	-0.1	0.3	0.5	0.6
	10404 Pembuatan minyak sayuran mentah dan bertapis	2.8	1.4	2.3	0.2	1.0	0.2	0.1	8.2	3.7	0.3	1.9	-0.2	-0.4
	10406 Pembuatan sebatian lemak masakan	1.4	-0.2	-0.1	-0.3	1.7	-0.5	-0.4	4.7	0.1	-0.1	0.0	0.1	-0.3
	10405 Pembuatan minyak kelapa Industri lain	-0.9	1.4	0.7	1.2	-0.8	1.7	2.1	5.7	-0.7	-0.1	0.2	0.5	0.7
105	Pembuatan produk tenusu	1.9	-1.0	1.5	-0.5	1.7	-1.3	0.3	4.8	-0.6	1.5	0.1	0.8	-1.8
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	3.4	-2.2	0.7	-0.8	2.7	-1.7	0.5	3.6	-0.9	2.3	-0.1	0.9	-3.0
		-1.7	2.2	3.3	0.1	-0.9	-0.2	-0.2	7.9	0.05	-0.4	0.8	0.4	1.0
106	Pembuatan produk bijian, kanji dan produk berkanji	-1.8	-1.1	5.5	-1.9	2.9	-1.7	2.4	3.2	-2.3	-0.2	-0.6	-0.3	-0.2
	10611 Pengilangan beras	0.7	-2.4	7.7	-3.4	4.4	-2.9	0.2	2.5	0.5	-1.4	-0.8	-0.3	-1.3
	10613 Pengilangan tepung	-4.4	0.3	4.8	-0.1	2.2	-0.5	5.3	6.1	-5.5	1.1	-0.3	-0.2	0.8
	Industri lain	-2.2	-0.8	-3.2	-3.3	-2.7	-0.9	-1.8	-7.7	-0.4	0.2	-1.5	-0.8	1.4
107	Pembuatan produk makanan lain	0.2	-0.1	3.2	-0.3	-0.2	-0.5	1.7	8.3	-0.4	-0.5	0.7	0.1	-0.9
	10711 Pembuatan biskut dan cookies	-3.1	1.0	4.9	-1.6	-3.5	0.5	5.4	0.8	-1.1	-2.4	-0.1	1.2	0.02
	10712 Pembuatan roti, kek dan produk bakeri lain	-0.6	2.4	3.2	-1.1	-0.2	1.7	3.7	7.8	0.1	-1.4	3.2	0.1	-0.8
	10713 Pembuatan produk snek	-0.4	0.9	2.4	-0.6	0.2	-0.2	-1.5	10.4	-1.6	-0.5	-0.1	0.5	0.5
	10721 Pembuatan gula	-0.4	0.0	-1.0	1.0	0.5	2.1	0.2	5.3	0.2	-0.8	-0.2	0.3	-0.1
	10731 Pembuatan produk koko	-2.8	-6.5	-1.0	1.0	0.8	-2.5	-0.7	3.4	-0.2	-2.9	-1.5	-4.4	-0.7
	10732 Pembuatan coklat dan produk coklat	0.6	-1.4	1.2	0.6	1.0	-1.3	-2.8	7.9	-0.6	-0.3	-0.8	0.3	-0.9
	10733 Pembuatan konfeksi gula	3.2	-3.1	11.3	0.9	2.4	-5.8	9.5	16.8	-0.2	1.1	0.2	-1.0	-2.3
	10793 Pembuatan sos dan bahan perasa	2.4	-1.6	3.8	-1.0	-2.9	-1.7	-2.8	19.1	0.3	-0.4	-0.3	0.1	-1.5
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	0.4	-0.3	0.5	0.5	1.0	-0.1	-0.2	4.5	-0.7	0.4	0.2	0.4	-1.0
108/ 10800	Pembuatan makanan haiwan tersedia	2.1	-1.1	-1.0	1.9	3.1	-2.8	0.8	-10.9	0.1	0.2	0.1	0.1	-1.4
110	Pembuatan minuman ringan	1.9	1.2	-2.2	1.7	2.1	1.9	-1.9	2.8	0.02	0.5	0.9	0.1	0.3
	11041 Pembuatan minuman ringan	1.6	1.8	-2.3	1.8	0.9	2.0	-1.5	1.8	-0.2	0.9	1.0	0.1	0.7
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	3.3	-0.2	-1.5	1.4	5.0	3.0	-1.9	2.8	0.1	-0.3	0.3	0.5	-1.0
		1.1	1.0	-3.3	1.5	2.6	-1.4	-4.4	8.1	1.1	0.1	1.4	-0.9	0.4
120/ 12000	Pembuatan produk tembakau	5.7	-6.0	1.8	0.3	5.1	-5.4	2.6	-1.8	3.7	0.9	-5.7	-0.8	0.5
131	Pemintalan, penenunan dan penyiapan tekstil	2.0	1.9	1.1	-0.9	-0.1	1.2	-0.6	-0.3	-0.2	2.7	0.9	2.1	-1.0
	13110 Penyediaan dan pemintalan gentian tekstil	2.9	1.9	-3.1	0.3	0.6	1.0	-2.3	1.4	-0.2	3.7	1.7	1.6	-1.4
	13120 Penenunan tekstil	-0.7	2.0	12.0	-3.6	-1.1	2.1	3.6	-4.4	-0.3	-0.2	-1.2	2.9	0.3
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	4.9	1.8	3.7	-1.9	-2.9	-2.4	-2.2	-1.2	0.0	3.6	0.0	5.4	-3.3
139	Pembuatan tekstil lain	-1.6	0.4	0.04	-0.5	-1.5	1.1	1.8	2.8	-2.9	-0.1	0.1	1.1	-0.8
	13910 Pembuatan fabrik dikait dan dikrusye	-2.2	2.7	-1.2	-0.3	-3.5	3.4	3.5	-3.1	-3.6	0.3	0.3	3.2	-0.8
	Industri lain	-1.2	-0.9	0.8	-0.6	-0.3	-0.1	0.9	6.5	-2.4	-0.3	-0.03	-0.1	-0.7
141	Pembuatan pakaian, kecuali pakaian berbulu	1.6	-0.9	-1.8	-0.3	3.8	-1.4	-0.7	2.9	0.2	0.4	-0.4	0.4	-0.9
	14102 Pembuatan pakaian	2.2	-0.9	-2.4	-0.3	4.4	-1.1	0.02	2.8	0.3	0.7	-0.6	0.7	-1.0
	Industri lain	-0.2	-0.7	-0.1	-0.3	2.4	-2.2	-2.9	3.4	-0.03	-0.3	0.2	-0.4	-0.5
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	0.6	-0.3	1.0	-5.1	0.5	-3.4	-0.7	6.5	-0.2	0.1	2.5	-0.5	-2.2
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-2.2	-1.8	5.0	-1.8	-1.2	-0.2	4.9	-2.8	-0.4	-1.2	-0.3	-0.3	-1.2
152	Pembuatan kasut	2.0	1.0	0.1	1.8	0.6	-1.7	0.9	3.7	1.2	-0.8	-0.3	1.5	-0.1
	15201 Pembuatan kasut kulit	0.3	-0.1	-1.2	1.6	-3.8	0.2	-2.2	-1.8	-0.6	-1.9	-1.2	1.2	-0.04
	15203 Pembuatan kasut getah Industri lain	3.8	2.1	1.5	2.0	5.0	-3.4	3.9	10.8	3.4	0.3	0.6	1.8	-0.3
161/ 16100	Pengilangan dan pengetaman kayu	-0.7	-0.4	1.0	0.8	-1.0	2.4	1.9	-5.9	-1.2	1.5	0.2	1.6	-2.1

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
0.6	0.01	4.5	-0.2	-0.2	0.3	0.8	-2.0	0.7	1.1	0.2	0.2	-0.1	0.8	5.3	-0.2	-0.7	Processing and preserving of meat
-1.0	-1.6	1.2	-1.6	0.1	1.4	1.3	-0.5	0.03	0.3	-0.7	-0.3	0.5	-3.3	-0.5	-0.05	-1.6	Processing and preserving of fish, crustaceans and molluscs
-1.4	-3.1	1.6	-1.0	-0.6	1.9	1.8	-0.7	0.2	0.3	-0.8	-0.2	0.3	-4.0	-0.6	-0.5	-1.7	Canning of fish, crustaceans and molluscs
1.2	5.6	-0.3	-4.1	3.5	-0.8	-0.8	0.2	-0.7	0.3	-0.4	-1.0	1.6	-0.04	0.3	2.0	-0.9	Processing, curing and preserving of fish, crustacean and molluscs
-2.2	-1.3	-3.2	-0.8	-1.0	-0.2	2.4	1.1	-1.1	0.5	-0.5	0.8	-1.0	-0.9	0.05	-0.9	0.7	Processing and preserving of fruits and vegetable
-0.2	-2.0	-1.2	-1.3	0.2	-0.2	-4.4	6.8	-0.6	-0.8	-4.9	-1.0	-0.3	-2.6	-1.6	0.0	1.4	Pineapple canning
-2.3	-1.2	-3.3	-0.8	-1.1	-0.2	2.8	0.8	-1.1	0.6	-0.2	0.9	-1.0	-0.8	0.1	-1.0	0.7	Manufacture of jams, marmalades and table jellies
1.0	-0.1	-0.1	-0.05	0.7	0.5	-0.02	-0.3	-0.3	-0.3	0.6	1.2	0.9	1.4	-0.4	0.3	-0.3	Manufacture of vegetable and animal oils and fats
0.04	2.7	-0.5	0.5	-0.3	0.02	2.7	-1.5	-0.2	0.01	0.4	-0.2	-0.7	2.0	-1.2	0.8	-1.0	Manufacture of crude and refined vegetable oil
0.3	-0.1	-0.2	0.1	-0.5	0.0	2.4	-0.4	-0.3	-0.3	0.1	-0.4	0.0	-0.3	-0.1	0.0	0.0	Manufacture of compound cooking fats
1.1	-0.3	-0.1	-0.1	0.8	0.5	-0.3	-0.2	-0.3	-0.3	0.6	1.3	1.0	1.4	-0.3	0.2	-0.3	Manufacture of coconut oil
0.2	1.3	-0.1	-0.4	0.1	-0.3	-0.4	-0.9	3.0	0.2	-0.9	-0.6	-0.3	-0.7	1.3	-0.5	0.02	Manufacture of dairy products
0.2	1.0	-0.5	-0.7	0.1	-0.2	-0.8	0.0	3.5	0.4	-0.9	-1.2	-0.02	-0.1	0.6	-0.8	-0.05	Manufacture of condensed, powdered and evaporated milk
0.3	2.0	1.1	0.4	0.1	-0.4	0.4	-3.1	1.9	-0.3	-1.0	1.0	-0.9	-2.1	2.9	0.2	0.2	Other industry
-1.0	1.5	5.0	-0.4	-0.5	-1.0	1.5	2.1	-0.7	-0.8	-0.8	-0.1	-0.7	0.1	3.1	-0.9	0.1	Manufacture of grain mill products, starches and starch products
-0.5	2.1	6.0	-0.9	-1.7	-0.8	2.6	2.3	-0.6	-1.0	-0.7	-1.2	-1.3	0.3	1.2	-1.0	-0.3	Rice milling
-1.8	1.6	4.9	0.4	0.9	-1.4	0.8	2.4	-0.9	-0.5	-1.0	1.0	-0.05	-0.2	5.6	-0.6	0.6	Flour milling
0.4	-2.9	-0.8	-2.5	-0.8	-0.1	-1.4	-1.0	-0.3	-1.5	-0.2	0.7	-0.9	-0.2	-0.7	-2.2	-0.2	Other industry
1.3	1.2	0.7	0.3	-0.2	-0.4	0.7	-0.1	-0.7	0.7	0.1	-1.2	0.8	1.2	-0.3	0.3	-0.01	Manufacture of other food products
3.0	0.9	0.9	-0.5	-0.3	-0.8	-1.2	-2.6	0.3	-0.8	1.2	0.1	3.8	0.6	1.0	-0.5	0.4	Manufacture of biscuits and cookies
2.4	0.6	0.2	-0.4	-0.2	-0.5	0.4	-0.6	-0.02	2.6	-0.1	-0.8	3.3	0.5	-0.2	-0.3	-0.4	Manufacture of bread, cakes and other bakery products
0.7	-0.2	2.0	0.4	0.3	-1.3	-0.1	0.05	0.3	-0.3	-0.2	0.4	-0.2	-0.6	-0.7	2.3	0.2	Manufacture of snack products
-0.3	-0.3	-0.3	-0.5	0.2	1.4	0.0	-0.1	0.6	1.2	-0.5	1.4	-0.2	-0.3	0.6	-0.6	0.1	Manufacture of sugar
-0.4	-0.7	0.2	0.4	0.3	0.4	3.8	0.2	-3.1	2.4	-4.8	-0.04	-0.1	-1.1	0.5	-0.3	-0.2	Manufacture of cocoa products
1.1	-1.1	1.3	0.9	-0.3	-0.1	0.9	1.0	-1.0	2.2	-0.6	-2.8	-0.6	-1.2	-1.0	-1.4	0.5	Manufacture of chocolate and chocolate products
1.3	9.5	0.3	1.0	0.03	-0.2	2.6	0.2	-0.3	-0.4	0.3	-5.7	-0.1	10.2	-0.5	1.1	-0.1	Manufacture of sugar confectionery
1.9	-0.2	2.1	-0.2	-0.5	-0.3	1.9	0.3	-5.0	0.1	-0.4	-1.4	-2.2	0.8	-1.5	-0.03	0.4	Manufacture of sauces and condiments
-0.2	0.7	0.1	1.2	-0.5	-0.2	0.4	0.6	0.04	0.03	0.4	-0.6	-0.1	-0.01	-0.04	0.9	-0.1	Manufacture of other food products n.e.c.
-0.2	0.8	-1.6	1.0	0.4	0.6	2.8	0.04	0.3	-0.1	-2.2	-0.6	-0.4	1.0	0.2	-0.8	0.5	Manufacture of prepared animal feeds
-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2	0.6	0.5	0.5	0.9	-0.1	-1.8	0.04	0.9	-0.4	Manufacture of beverages
-0.3	-2.6	0.6	0.8	-0.2	1.3	0.2	-0.01	0.7	-0.5	1.2	1.3	-0.1	-1.7	0.3	-1.0	-1.0	Manufacture of soft drinks
-0.2	-1.4	0.2	0.8	-0.05	0.6	3.8	0.7	0.5	3.0	0.1	-0.1	0.3	-2.7	0.5	5.6	0.05	Production of natural mineral waters and other bottled waters
-0.8	-0.4	-2.1	0.8	-0.9	1.7	2.5	0.3	-0.2	-0.1	-1.9	0.6	-1.2	-0.5	-2.6	0.5	1.3	Other industry
-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6	0.8	-5.0	-1.1	0.7	-0.8	-4.9	8.6	-0.2	-0.5	Manufacture of tobacco products
0.7	0.1	0.3	-1.1	0.2	-0.1	-0.2	-1.3	1.5	1.7	1.7	-2.2	-1.2	0.2	0.4	-0.8	-0.4	Spinning, weaving and finishing of textiles
-1.2	-1.1	-0.9	-0.4	0.5	0.2	-0.1	-1.9	2.6	1.4	2.8	-3.0	-0.7	-0.9	-0.7	-1.1	-0.7	Preparation and spinning of textile fibres
6.4	2.4	2.8	-2.4	-0.4	-0.8	-0.4	-0.1	-0.7	2.4	-0.6	0.2	-1.5	2.5	2.6	0.1	0.2	Dyeing, bleaching, printing and finishing of yarns and fabrics
-3.4	3.4	3.8	-1.9	0.0	0.0	-1.4	0.3	-1.7	2.1	0.0	-4.4	-7.4	3.6	2.0	-2.4	0.0	Other industry
-1.3	1.2	0.1	0.1	-0.5	-0.1	0.6	-2.4	0.3	0.4	1.4	-0.7	0.8	0.7	0.3	0.1	-0.4	Manufacture of other textiles
-1.1	1.2	-1.3	-0.3	-0.04	-0.02	-0.1	-3.6	0.2	2.5	1.7	-0.7	2.4	-0.2	1.3	0.4	-1.0	Manufacture of knitted and crocheted fabrics
-1.4	1.2	1.0	0.3	-0.7	-0.1	1.0	-1.7	0.3	-0.7	1.3	-0.7	-0.1	1.2	-0.3	-0.02	0.0	Other industry
-0.9	-2.2	1.3	-1.5	0.6	0.7	3.1	0.4	0.3	-0.6	0.1	-1.0	0.5	-2.0	1.8	-1.6	0.8	Manufacture of wearing apparel, except fur
-0.7	-3.1	1.4	-1.8	0.8	0.8	3.9	-0.1	0.7	-0.4	0.4	-1.2	0.6	-3.3	2.8	-1.9	1.0	Manufacture of clothings
-1.4	0.2	1.1	-0.7	-0.01	0.5	1.1	1.8	-0.6	-1.0	-0.7	-0.5	-3.7	1.8	-0.9	-0.9	0.1	Other industry
-0.4	-1.3	2.7	-5.1	0.5	-0.5	0.5	0.0	0.0	0.0	0.5	-4.0	0.6	-1.3	0.0	-5.9	0.0	Manufacture of articles of fur, knitted and crocheted apparel
0.6	1.3	2.9	-0.1	-0.5	-1.2	-0.03	0.02	-1.2	0.5	0.9	-1.5	-0.5	1.5	3.8	-0.9	-0.4	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
-1.0	-0.5	1.5	1.2	0.8	-0.1	-0.1	1.8	-1.1	-0.7	-1.0	0.01	0.8	-1.0	1.1	0.5	1.1	Manufacture of footwear
-1.7	0.5	-0.03	1.2	1.1	-0.7	-0.2	0.1	-3.7	-0.8	-0.7	1.7	0.1	-2.1	-0.2	-1.1	1.3	Manufacture of leather footwear
-0.2	-1.5	3.2	1.1	0.4	0.4	0.1	3.4	1.4	-0.6	-1.3	-1.6	1.5	0.1	2.3	2.0	1.0	Manufacture of rubber footwear
-1.1	3.1	-0.9	0.4	0.4	-0.1	-0.4	1.3	-1.8	3.4	1.4	-2.3	-1.3	4.1	-0.8	2.1	0.7	Other industry
-1.1	3.1	-0.9	0.4	0.4	-0.1	-0.4	1.3	-1.8	3.4	1.4	-2.3	-1.3	4.1	-0.8	2.1	0.7	Sawmilling and planning of wood

Jadual
Table

1.5c : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
: Number of Paid Employees of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-2.9	2.9	-0.6	1.0	-2.8	1.5	-2.0	0.6	0.1	-2.3	1.2	1.7	-0.01
16211	Pembuatan kepingan venier dan papan lapis	-4.5	3.8	2.2	1.4	-3.0	1.7	-2.1	2.3	0.2	-3.0	0.6	2.3	0.8
16212	Pembuatan papan partikel dan papan gentian	0.7	4.4	-1.1	-0.8	-1.6	0.1	0.2	10.3	2.3	-1.0	0.1	4.3	0.03
16221	Pertukangan kayu untuk jurubina	-0.2	-1.9	-7.0	-3.1	0.9	-1.1	-1.9	-11.2	-0.5	-0.7	-0.3	-0.3	-1.3
	Industri lain	-2.0	3.2	-3.7	3.7	-4.8	3.3	-2.7	0.8	-0.9	-1.9	4.7	0.1	-1.5
170	Pembuatan kertas dan produk kertas	1.0	-3.0	1.4	1.3	0.6	-3.2	1.0	1.0	0.8	-0.1	-1.3	-1.7	-0.1
17010	Pembuatan pulpa, kertas dan kertas tebal	2.8	-5.8	3.5	5.7	5.8	-6.0	-2.2	0.7	0.3	-0.6	-0.2	-5.4	-0.2
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-0.4	-2.8	1.3	0.1	-0.4	-4.4	2.1	-1.8	0.4	-0.01	-2.7	-0.2	0.04
17091	Pembuatan sampul surat dan kad surat	-2.7	-2.3	0.2	2.3	-0.6	-2.7	-1.2	1.3	0.0	-3.0	-1.7	0.2	-0.8
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	-0.1	-4.2	2.0	0.1	-1.8	0.2	5.8	4.5	0.2	-0.5	-0.3	-4.0	-0.02
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	5.0	-0.02	-4.0	0.2	4.9	-3.1	-5.0	0.1	4.3	0.3	0.2	-0.4	0.1
	Industri lain	1.8	-1.3	5.1	2.4	-3.6	-0.8	1.4	7.9	-0.1	1.4	-1.3	0.7	-0.7
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	-4.1	-0.5	1.5	4.1	-4.2	0.2	2.0	-2.4	-0.02	-0.3	-0.7	0.2	0.02
18110	Percetakan	-4.4	-1.1	2.3	3.9	-4.1	0.3	2.0	-2.2	-0.1	-0.2	-1.0	-0.03	-0.1
18120 &	Aktiviti perkhidmatan berkaitan percetakan	-2.4	2.0	-2.4	4.8	-4.8	-0.1	1.8	-3.5	0.3	-0.7	0.4	1.1	0.5
18200	Penerbitan semula media rakaman													
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	1.9	-2.6	-0.2	1.5	2.5	-1.7	0.6	2.6	1.5	1.7	-1.5	-1.1	-0.1
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	3.0	-0.3	0.4	2.1	2.2	-1.0	-2.4	-0.2	0.7	1.2	0.8	-0.8	-0.4
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	7.7	1.8	1.5	3.2	-1.2	-1.7	-1.7	9.3	-0.2	4.6	0.2	1.4	0.2
20112 &	Pembuatan kimia organik asas	2.2	-0.8	1.2	2.2	2.3	-1.3	-2.7	-2.3	1.1	1.2	0.8	-1.0	-0.5
20113	Pembuatan sebatian bukan organik													
20121 &	Pembuatan baja	2.7	-0.9	-2.7	-0.6	3.8	-0.2	-4.6	-7.0	-0.04	0.5	2.3	-3.1	-0.1
20129	Pembuatan produk campuran nitrogen	1.9	-0.6	0.2	2.5	2.8	-0.5	-1.7	1.5	1.0	0.1	0.3	-0.2	-0.7
20131	Pembuatan plastik dalam bentuk primer	3.5	0.0	1.6	3.9	2.5	-1.8	-0.04	6.1	0.4	0.8	0.3	-0.3	-0.1
	Industri lain													
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	0.9	-1.2	-3.6	1.0	1.1	-2.0	-1.6	-2.8	0.3	0.8	-1.0	0.2	-0.4
20210	Pembuatan racun perosak dan produk agrokimia lain	1.2	1.0	6.7	1.8	-0.8	-1.5	3.7	13.1	-0.6	0.3	0.6	0.6	-0.2
20221	Pembuatan cat, varnis dan penyadur dan mastik	5.7	-4.2	-2.9	1.5	1.0	-6.5	-0.7	0.1	0.2	2.6	-3.8	-0.4	-0.1
20222	Pembuatan dakwat cetak	2.4	0.4	-6.4	-0.4	2.4	0.5	-0.4	4.0	-0.2	1.9	0.7	-0.4	0.2
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	-0.8	-0.6	-3.2	0.3	3.7	-0.8	-2.2	-7.5	1.4	0.6	-0.6	0.8	-0.8
20232	Pembuatan pewangi dan penyediaan dandanan diri													
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	-0.7	-1.3	-6.3	1.8	-2.2	-2.1	-3.8	-4.2	-0.6	-0.6	-0.8	-0.2	-0.4
20292 &	Pembuatan dakwat menulis dan melukis													
20299	Pembuatan produk kimia lain t.t.t.l.	5.5	-5.1	-12.0	0.0	4.9	0.9	-6.4	-31.0	2.5	3.0	-2.1	-0.5	-2.5
	Industri lain													
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-2.3	2.7	4.7	-2.0	-3.2	3.0	5.5	1.9	-0.01	0.1	4.3	-1.4	-0.2
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-3.9	3.4	6.1	-1.4	-4.7	4.4	6.0	1.0	-0.1	-0.4	5.9	-2.5	0.1
	Industri lain	1.5	1.0	1.6	-3.4	0.5	-0.03	4.3	3.8	0.3	1.2	0.9	0.9	-0.8
221	Pembuatan produk getah	-1.7	-3.8	3.9	-0.6	-2.4	-4.6	1.7	-3.6	-0.2	-0.4	-1.0	-0.4	-2.5
22111	Pembuatan tayar getah untuk kenderaan	-0.4	-0.4	-2.2	-0.7	-0.6	-5.2	1.1	2.8	-0.7	-0.4	1.5	-0.5	-1.3
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	0.1	-3.0	-0.4	-0.5	1.2	-2.5	-1.0	12.0	0.4	-0.6	-0.5	-0.2	-2.3
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	2.4	1.1	-7.3	-1.3	-0.9	-1.0	-10.0	3.8	0.6	0.2	1.2	-0.4	0.4
22193	Pengilangan semula getah dan prosesan susu getah													
22192	Pembuatan sarung tangan getah	-3.4	-5.4	7.6	-0.7	-3.6	-6.2	2.2	-7.6	0.1	-0.5	-2.8	-0.6	-2.1
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.4	-4.8	6.3	-0.1	-2.0	-3.8	7.6	-2.7	-1.2	-0.6	0.4	0.05	-5.2
222	Pembuatan produk plastik	-0.3	1.4	0.8	0.3	-0.4	0.4	2.1	3.3	-0.4	-0.2	1.6	0.5	-0.7
22201 &	Pembuatan produk plastik separa siap	-1.3	2.4	0.9	-0.5	0.1	0.1	-0.1	1.5	0.3	-1.3	3.4	1.0	-1.9
22202	Pembuatan produk plastik siap													
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-0.2	0.1	2.1	0.0	-0.8	0.5	1.9	6.1	-0.3	-0.3	1.0	-0.1	-0.8
22204	Pembuatan barangan plastik jurubina	0.9	1.4	0.9	2.1	-1.3	0.1	-2.2	0.7	-0.8	0.0	1.2	0.5	-0.2
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	3.4	-0.05	-2.4	0.1	-1.3	-2.0	-0.2	1.3	-0.1	0.8	-0.2	-0.1	0.2
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-0.7	2.3	0.2	1.2	-0.2	1.1	4.7	2.6	-1.1	0.5	1.4	0.8	0.1
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	1.6	6.2	0.7	-3.3	-1.6	-0.6	2.3	-1.0	0.7	0.7	1.0	4.3	0.8

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
0.5	-2.1	1.0	0.7	1.5	-1.1	-1.2	-0.2	-1.4	0.7	0.9	-0.1	0.9	-1.4	-1.5	0.3	1.6	Manufacture of products of wood, cork, straw and plaiting materials
1.3	-1.1	2.0	0.3	2.4	-1.3	-1.8	0.2	-1.4	0.3	1.7	-0.3	2.0	-1.6	-2.4	0.1	2.7	Manufacture of veneer sheets and plywood
-1.0	-0.5	0.3	0.6	-1.2	-0.1	-0.6	-0.5	-0.5	-0.1	-0.2	0.4	-0.6	0.2	0.6	0.5	-1.6	Manufacture of particle board and fibreboard
-0.1	-6.7	-0.2	-0.6	0.01	-2.5	1.6	0.05	-0.8	-0.4	-0.5	-0.3	-0.9	-0.1	-1.0	-1.1	-0.2	Manufacture of builders' carpentry
-0.8	-2.3	-0.7	2.5	1.1	0.05	-1.3	-1.1	-2.5	3.3	-0.1	0.1	-0.5	-2.3	0.2	1.5	1.4	Other industry
-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0	-0.4	-1.1	-1.8	-0.4	0.1	0.4	0.6	1.6	-0.5	Manufacture of paper and paper products
0.4	3.1	-0.05	2.3	-0.4	3.8	3.6	2.7	-0.5	0.1	-5.5	-0.6	-0.5	3.5	-5.0	2.2	-0.4	Manufacture of pulp, paper and paperboard
-1.4	0.6	2.1	1.3	-0.3	-0.8	-0.5	0.3	-0.2	-2.8	-1.4	-0.3	-0.3	-0.03	2.5	1.1	-0.3	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
0.5	0.2	-0.5	0.6	1.7	0.0	0.3	-0.5	-0.4	0.2	-1.3	-1.5	0.9	-0.9	-1.2	1.4	-0.3	Manufacture of envelopes and letter-card
-1.6	-0.2	3.9	1.4	-0.9	-0.4	-0.9	-0.5	-0.4	0.03	0.1	0.1	1.2	0.5	4.1	1.4	-0.8	Manufacture of household and personal hygiene paper
0.5	-3.6	-0.9	0.1	-1.0	1.2	-0.3	5.0	0.2	-0.2	-2.0	-0.9	-0.7	-4.4	0.05	2.4	-1.2	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
2.6	3.1	-0.6	2.8	1.6	-1.9	-1.5	-0.6	-1.5	-0.4	-0.3	0.02	0.8	3.2	-2.4	2.3	0.1	Other industry
0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1	-0.4	-0.01	0.4	-0.2	-0.3	2.3	-0.05	3.0	-0.5	Printing, service activities related to printing and reproduction of recorded media
-0.1	2.5	-0.1	2.5	1.7	-0.3	-4.1	0.3	-0.3	-0.1	0.3	0.1	-0.7	2.1	0.6	3.0	-0.6	Printing
0.6	-0.8	-2.2	3.5	0.1	1.1	-3.6	-0.5	-0.8	0.3	1.0	-1.4	1.2	3.4	-2.8	2.9	-0.4	Service activities related to printing
																	Reproduction of recorded media
0.4	0.3	-0.9	1.4	0.4	-0.3	0.3	1.4	0.8	-0.8	-1.3	0.4	0.8	0.6	-0.8	1.1	0.2	Manufacture of refined petroleum products
-0.1	1.1	-0.5	1.5	0.6	-0.01	0.3	1.2	0.7	0.2	-0.7	-0.5	-1.0	-0.1	-1.3	1.5	0.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
0.4	0.2	0.9	0.5	2.8	-0.1	-0.1	-0.9	-0.2	-0.6	-0.1	-0.9	-3.3	-0.3	1.9	2.0	-0.7	Manufacture of liquefied or compressed inorganic industrial or medical gases
0.3	1.3	-0.4	2.0	-0.2	0.3	-0.5	2.5	0.2	0.6	-1.5	-0.4	-0.3	0.03	-2.5	2.2	-0.1	Manufacture of basic organic chemicals
																	Manufacture of inorganic compounds
																	Manufacture of fertilizers
-0.2	0.3	-2.8	0.6	0.8	-2.1	1.1	-0.1	2.8	0.9	-0.9	-0.3	-0.8	-0.03	-3.8	0.4	0.9	Manufacture of associated nitrogen products
-1.4	1.8	-0.3	1.3	0.9	0.3	1.6	0.9	0.4	0.2	0.05	-0.8	-1.4	-0.1	-0.2	1.0	1.1	Manufacture of plastics in primary forms
0.4	1.4	-0.2	2.9	-0.4	1.3	-0.2	1.1	1.6	-1.4	-0.04	-0.3	0.6	-0.6	-0.1	0.7	0.1	Other industry
-1.5	-0.1	-2.0	0.6	0.1	0.2	-0.2	0.7	0.6	-0.8	-0.6	-0.6	0.1	0.8	-2.5	0.8	-0.1	Manufacture of other chemical products and man-made fibres
-0.2	4.1	2.6	1.9	0.005	-0.1	-0.7	-0.4	0.3	0.1	-1.0	-0.7	-0.6	4.6	-0.4	2.7	0.3	Manufacture of pesticides and other agrochemical products
-1.1	-0.4	-1.5	0.02	0.5	1.0	-1.2	0.5	1.8	-4.7	-1.4	-0.5	0.2	0.2	-1.1	-0.04	-0.3	Manufacture of paints, varnishes and similar coatings ink and mastics
-7.2	0.4	0.4	-0.1	-0.1	-0.2	0.8	-0.3	1.9	-0.1	0.6	0.0	-0.2	0.0	-0.1	0.2	0.1	Manufacture of printing ink
																	Manufacture of soap and detergents, cleaning and polishing preparations
-0.7	0.6	-3.2	0.4	0.1	-0.2	0.7	2.3	0.6	0.7	-0.7	-0.7	1.5	0.5	-4.1	0.7	-0.3	Manufacture of perfumes and toilet preparations
																	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-0.9	-2.2	-3.3	1.3	-0.1	0.5	-0.8	-0.7	-0.7	-1.0	-0.4	-0.6	-1.3	0.4	-3.0	0.9	0.05	Manufacture of writing and drawing ink
																	Manufacture of other chemical products n.e.c.
-1.0	-5.6	-5.8	0.5	-1.3	0.8	0.5	1.4	3.0	0.6	-0.3	0.6	-1.2	0.9	-6.1	0.3	-0.9	Other industry
1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6	-0.3	4.6	-1.3	-0.3	1.8	3.4	0.3	0.7	-2.8	Manufacture of pharmaceuticals, medicinal chemical and botanical products
1.8	4.3	-0.03	0.2	-1.6	0.0	-3.7	-1.0	-0.1	6.8	-1.7	-0.5	1.7	4.1	0.2	1.2	-2.0	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
1.8	0.1	-0.3	1.2	-4.6	0.02	0.7	0.5	-0.7	-0.2	-0.1	0.3	2.0	1.8	0.5	-0.5	-4.7	Other industry
0.3	2.7	0.8	-0.1	-0.4	-0.1	-1.1	-0.6	-0.7	-1.1	-0.9	-2.7	0.5	-0.04	1.2	-0.6	-0.5	Manufacture of rubber products
-1.7	-0.7	0.1	-0.4	0.6	-0.9	-0.5	0.5	-0.6	-0.4	-3.5	-1.4	1.9	-0.5	-0.4	-0.2	0.6	Manufacture of rubber tyres for vehicles
1.0	-1.9	0.4	1.8	-2.1	-0.2	1.2	0.4	-0.4	-1.8	-0.8	0.0	2.1	-2.3	-0.8	-1.3	-1.1	Manufacture of interchangeable tyre treads and retreading rubber tyres
																	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
-0.3	-5.7	-1.4	-0.6	-0.5	-0.2	-0.8	-0.4	0.3	-0.5	-0.6	0.1	-0.8	-7.8	-1.5	-0.9	0.01	Rubber remilling and latex processing
0.3	5.9	1.4	-0.5	-0.1	-0.01	-2.4	-0.3	-0.9	-2.0	-0.8	-3.5	0.0	-0.1	2.3	-1.9	-1.0	Manufacture of rubber gloves
1.1	3.8	1.3	1.0	-0.9	-0.2	0.7	-1.6	-1.0	0.2	-0.8	-3.2	1.8	4.5	1.1	1.7	-0.3	Manufacture of other rubber products n.e.c.
2.2	-1.4	0.1	0.2	0.9	-0.8	0.1	-0.3	-0.3	1.4	-0.2	-0.8	1.9	-0.01	0.2	0.7	-0.3	Manufacture of plastics products
0.1	0.6	0.3	-0.4	0.4	-0.6	0.3	0.2	-0.3	2.3	-0.1	-2.1	-0.1	-0.3	0.3	2.3	-0.2	Manufacture of semi-manufactures of plastic products
																	Manufacture of finished plastic products
0.1	0.4	1.6	0.8	-0.3	-0.5	-0.3	-0.2	-0.3	1.6	0.05	-1.1	-0.3	1.0	1.2	0.7	0.2	Manufacture of plastic articles for the packing of goods
-1.0	0.1	1.8	0.8	1.1	0.2	-1.4	0.4	-0.3	0.9	-0.3	-0.6	-1.3	-0.2	-0.6	1.2	0.2	Manufacture of builders' plastics ware
0.3	-0.2	-2.5	0.3	-0.1	-0.1	-0.6	-0.3	-0.4	-0.1	-1.9	0.1	-0.05	-0.2	0.02	-0.1	-0.05	Manufacture of plastic tableware, kitchenware and toilet articles
6.2	-4.7	-0.9	0.02	2.7	-1.5	0.7	-0.8	-0.1	1.0	-0.1	0.2	6.0	-0.6	-0.6	-0.1	-1.1	Manufacture of diverse plastic products n.e.c.
-2.9	3.5	0.2	-1.5	-1.2	-0.7	-0.9	-0.6	-0.1	0.6	-0.5	-0.7	1.1	0.8	0.4	-0.6	-0.5	Manufacture of glass and glass products

Jadual
Table

1.5c : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
: Number of Paid Employees of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-4.3	0.5	2.6	0.3	-0.4	0.8	0.9	-0.5	-1.7	-0.2	0.7	-0.4	0.1
23911	Pembuatan mortar refraktori dan konkrit													
& 23921	Pembuatan seramik bukan refraktori	-8.1	-2.8	0.1	5.0	-1.2	-2.3	-3.0	-8.6	-1.9	-0.8	-0.6	-2.5	0.3
23930	Pembuatan produk porselin dan seramik lain	-2.3	-1.7	1.1	-4.6	-0.02	-2.9	-2.6	-16.50	-1.7	1.1	-1.3	-0.3	-0.1
23941	Pembuatan simen hidrolik	-3.0	-0.6	4.1	0.8	1.6	-1.3	-1.3	0.4	-0.3	-3.6	0.03	-0.2	-0.5
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	-5.4	1.9	3.3	1.1	-3.8	2.0	6.5	0.7	-6.0	0.5	-0.04	1.1	0.8
23952	Pembuatan konkrit pratuangan, simen atau artikel batu													
& 23953	buatan yang digunakan dalam pembinaan;													
& 23959	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	-6.2	1.2	0.9	-0.6	1.1	1.9	0.7	-3.9	-0.4	0.6	1.9	-1.4	0.7
	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-0.5	-0.7	11.4	-0.1	-0.5	2.1	0.04	15.0	-0.2	-1.4	-0.3	2.4	-2.7
	Industri lain	2.5	2.0	-0.2	-0.2	0.1	0.4	-1.0	13.3	-0.03	-0.1	1.7	-0.6	0.9
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	0.6	0.0	2.5	0.2	-0.7	-0.8	1.9	5.4	-1.3	1.0	-0.2	-0.02	0.2
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	0.2	-0.8	-2.4	-0.2	0.7	-0.8	-2.9	-5.3	-0.7	-0.3	-0.3	-0.2	-0.3
243	Pengacuan logam	4.0	-4.3	2.9	0.2	4.5	-1.7	4.8	0.7	2.0	-0.6	-0.2	-0.7	-3.4
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.0	0.3	0.6	0.4	2.7	0.8	0.5	2.0	-0.4	1.2	-0.2	-0.5	1.0
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
& 25119	pintu pagar daripada logam	0.7	0.3	2.2	1.7	3.6	0.7	1.4	5.0	-0.4	1.5	-0.02	-1.1	1.5
25120	Pembuatan produk struktur logam lain													
	Pembuatan tangki, takungan dan kontena daripada logam	1.7	1.2	-5.1	-2.9	0.1	2.5	-3.5	-6.5	0.2	-0.4	0.2	1.0	-0.04
	Industri lain	1.7	-0.9	-0.4	-2.4	0.6	-0.7	0.2	-0.9	-1.2	1.7	-1.6	0.9	-0.2
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	1.4	-1.8	2.3	0.4	-0.6	-2.0	2.1	5.4	-0.1	0.4	-0.7	0.2	-1.3
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.6	-1.6	8.1	0.0	-2.3	-0.02	7.4	-1.1	-2.9	0.4	-0.2	0.2	-1.7
25920	Rawatan dan penyalutan logam; menggunakan mesin	5.4	-8.0	-11.4	0.0	-0.7	-6.3	-11.6	-9.0	0.1	3.4	-4.5	-1.3	-2.4
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	3.9	-0.6	8.9	0.7	1.2	-0.8	7.2	7.5	-1.8	0.9	-0.8	0.5	-0.3
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam													
& 25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	1.9	-1.3	0.9	-1.5	-0.8	-1.1	1.4	9.4	0.1	-0.4	-0.3	0.1	-1.1
25994	Pembuatan barangan rumah daripada logam	-1.5	-7.0	1.1	11.1	-2.3	-1.3	1.1	11.6	0.1	-1.2	-1.0	0.0	-6.1
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	0.9	-0.4	4.0	1.4	-0.3	-2.7	3.8	7.8	0.3	0.3	0.5	0.6	-1.5
	Industri lain	3.8	0.9	-0.2	-1.0	1.5	-3.2	-2.7	20.9	4.4	-0.7	-1.2	1.1	1.0
261	Pembuatan komponen dan papan elektronik	-3.7	2.4	-0.6	-0.2	-2.4	2.5	1.0	1.2	-1.7	-0.6	1.2	0.7	0.4
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya													
& 26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-3.2	1.6	-0.4	0.2	-3.1	2.2	2.6	1.1	-1.4	-0.3	1.6	0.1	-0.1
26103	Pembuatan kapasitor dan perintang elektrik													
& 26104	Pembuatan papan litar bercetak	-4.8	3.7	-0.6	-0.6	-2.3	3.3	0.3	1.1	-2.3	-1.0	1.0	1.8	0.9
& 26105	Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.5	0.4	-1.9	-1.1	2.6	-0.8	-8.7	3.4	0.1	-0.9	-0.6	0.2	0.8
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	0.7	2.0	1.8	2.3	0.4	0.5	0.8	1.2	0.3	0.7	-0.3	1.3	1.0
263/ 26300	Pembuatan peralatan komunikasi	-0.9	2.1	2.8	0.3	1.0	2.5	1.0	0.2	-0.5	0.4	1.1	1.1	-0.1
264/ 26400	Pembuatan peralatan elektronik pengguna	-1.8	0.7	4.9	0.8	-3.4	2.5	2.1	3.6	-0.3	0.3	-1.6	2.5	-0.1
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	1.0	4.1	-1.1	0.8	-1.0	2.8	-0.6	0.2	0.4	0.2	0.1	1.7	2.3
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan													
& 26512	Pembuatan kelengkapan kawalan proses perindustrian	0.7	5.1	-2.2	1.4	-0.2	4.0	-2.4	0.3	0.4	-0.2	0.5	1.9	2.6
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.1	0.8	2.8	-1.5	-3.9	-1.8	6.4	0.0	0.2	1.7	-1.2	0.9	1.0
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	-3.7	0.2	3.1	1.1	-2.9	-0.6	4.9	-6.6	-0.3	0.02	-0.3	0.3	0.3

(%)

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
1.6	0.3	0.7	0.4	0.2	-0.3	0.4	-1.1	0.3	1.0	-0.3	0.2	-0.3	0.5	0.6	0.6	0.2	Manufacture of non-metallic mineral products
																	Manufacture of refractory mortars and concretes
-0.8	-0.2	1.1	4.1	1.0	-0.2	-1.2	-0.4	0.4	-0.2	-2.7	0.5	-2.0	-0.4	-0.7	4.4	0.6	Manufacture of non-refractory ceramic
2.4	2.6	-3.7	-1.7	-1.4	-1.5	-0.5	1.3	-0.8	-0.7	-0.7	-1.6	-0.1	-2.0	-0.5	-1.9	-1.4	Manufacture of other porcelain and ceramic products
4.9	-0.1	-0.6	0.7	-0.2	0.3	1.2	-0.3	0.7	-0.3	-0.1	-0.9	-0.3	0.2	-1.1	-0.3	-0.7	Manufacture of hydraulic cement
1.9	0.0	1.4	0.8	0.2	0.1	2.1	-6.2	0.4	1.4	0.2	0.5	3.0	1.7	1.7	1.4	-0.2	Manufacture of ready-mix and dry-mix concrete and mortars
																	Manufacture of precast concrete, cement or artificial stone articles for use in construction
-0.1	0.1	0.9	0.01	-0.2	-0.4	0.3	0.4	0.4	2.2	-0.8	0.4	-1.6	1.1	1.2	-0.4	0.5	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
6.0	3.2	1.8	-0.9	0.8	-0.04	0.04	-0.6	0.02	-0.6	2.7	-0.04	0.2	-0.2	0.08	0.4	0.9	Manufacture of other articles of concrete, cement and plaster n.e.c.
1.4	-1.9	0.2	-0.2	1.4	-1.4	-0.5	0.7	-0.1	0.8	-0.9	0.5	-0.7	-0.1	-0.2	0.5	0.1	Manufacture of other non-metallic mineral products n.e.c.
																	Other industry
-0.4	0.8	2.2	-0.1	0.03	0.3	0.5	-1.0	-0.2	-0.3	-0.9	0.4	0.1	-0.3	2.0	0.2	0.2	Manufacture of basic iron and steel
-0.9	-1.2	-0.4	-0.4	-0.2	0.4	0.6	0.4	-0.3	0.5	-0.5	-0.7	-0.3	-1.5	-1.1	-0.4	-1.0	Manufacture of basic precious and other non-ferrous metals
4.1	-1.8	0.6	1.3	-0.6	-0.4	3.0	0.4	1.1	-0.1	0.1	-1.7	4.6	0.2	-0.03	0.6	0.5	Casting of metals
-0.02	1.1	-0.5	-0.3	-1.6	2.3	0.9	-0.8	2.6	0.2	-0.3	0.9	-0.2	2.1	-1.4	0.4	-1.0	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
-0.1	3.9	-1.4	0.4	-2.1	3.5	0.5	-0.8	4.0	-0.5	-0.3	1.5	-0.2	3.0	-1.4	-1.6	-1.0	Manufacture of metal doors, windows and their frames, shutters and gates
0.3	-9.7	4.8	-1.9	-0.3	-0.7	1.3	0.0	-1.2	3.0	-0.2	-0.2	-0.6	0.4	-3.3	10.7	-1.5	Manufacture of other structural metal products
0.2	0.9	-1.5	-1.9	-0.4	-0.1	2.3	-1.2	-0.5	0.7	-0.5	-0.9	0.5	-1.0	0.7	-0.4	-0.3	Manufacture of tanks, reservoirs and containers of metal
0.5	2.2	-0.4	-0.5	-0.2	1.1	0.02	0.1	-0.7	-0.2	-0.2	-1.6	1.1	2.2	-1.1	-0.8	-0.8	Other industry
3.2	3.7	1.0	-0.7	-1.0	1.8	1.2	-0.1	-3.4	1.3	0.1	-1.4	3.0	3.1	1.2	-1.0	-2.0	Manufacture of other fabricated metal products; metal working service activities
-1.3	-9.5	-0.8	-1.4	0.1	1.2	-0.4	0.2	-0.5	-4.8	-1.9	0.3	-1.7	-10.0	-0.2	-0.1	-0.9	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1.4	9.1	-1.6	1.6	-1.1	0.3	1.0	0.1	0.1	-0.2	-0.2	-0.4	1.8	10.0	-4.2	-0.3	0.1	Treatment and coating of metals; machining
-1.8	3.7	-1.0	-1.1	0.05	-0.4	0.1	-0.4	-0.5	-0.5	-0.1	-0.4	-1.9	3.7	-0.3	-0.9	-0.1	Manufacture of tins and cans for food products, collapsible tubes and boxes
-0.5	-0.3	1.9	1.5	9.5	-0.03	-0.7	-0.2	-1.4	1.1	-2.1	-0.2	-0.3	-0.8	2.2	-4.1	-4.7	Manufacture of metal cable, plaited bands and similar articles
0.1	4.1	-0.2	-0.9	-0.5	2.9	-1.0	0.4	0.4	0.7	0.2	-3.6	2.4	3.8	-2.3	-1.0	-0.3	Manufacture of bolts, screws, nuts and similar threaded products
1.7	-0.3	-1.6	-0.1	-0.8	-0.1	-0.2	1.0	0.6	-1.2	0.1	-2.2	1.6	-1.1	-3.2	0.3	-0.6	Manufacture of metal household articles
-3.3	-0.4	3.2	0.5	-0.2	-0.4	-1.9	-0.8	0.2	1.5	0.7	0.3	-2.4	-0.7	4.2	1.4	-0.3	Manufacture of any other fabricated metal products n.e.c.
-3.6	-1.3	4.6	0.4	-0.3	0.2	-2.5	-1.6	0.9	1.7	-0.1	0.6	-3.2	-1.2	7.4	1.4	-0.1	Other industry
																	Manufacture of electronic components and boards
																	Manufacture of diodes, transistors and similar semiconductor devices
																	Manufacture of electronic integrated circuits micro assemblies
																	Manufacture of electrical capacitors and resistors
-3.4	1.0	1.9	0.7	-0.1	-1.2	-1.6	0.2	-0.8	1.5	1.9	-0.04	-1.6	0.2	1.8	1.7	-0.5	Manufacture of printed circuit boards
0.2	-1.5	-0.7	-0.2	-0.3	-0.6	1.2	0.2	1.2	-0.1	-0.3	-0.4	-0.2	-2.1	-6.6	0.1	-0.1	Manufacture of display components
-0.5	1.9	0.4	0.8	1.3	0.2	-0.9	0.01	1.3	-0.4	1.5	-0.6	-0.8	1.8	-0.2	-0.4	0.5	Manufacture of other components for electronic applications
-1.5	4.2	0.1	0.7	0.4	-0.7	0.6	-0.2	0.6	0.7	0.4	1.3	0.1	-0.3	1.2	1.0	2.7	Manufacture of computers and peripheral equipment
0.4	-0.6	5.2	-0.7	5.2	-3.5	-1.5	-0.5	-1.4	-1.9	2.7	1.7	-1.5	-1.2	4.9	-1.3	-0.9	Manufacture of communication equipment
-2.6	-1.6	3.2	1.0	0.02	-0.3	-1.0	0.2	-0.2	0.7	-0.1	2.1	-1.8	-2.0	3.2	2.6	0.2	Manufacture of consumer electronics
-3.3	-1.8	3.0	1.6	0.02	-0.2	-0.6	0.3	0.1	1.5	0.1	2.4	-2.5	-2.4	2.5	2.4	0.3	Manufacture of measuring, testing, navigating and control equipment
-0.02	-1.0	3.9	-1.0	-0.01	-0.5	-2.3	-0.2	-1.4	-2.1	-0.9	1.2	1.1	-0.5	5.7	3.6	0.2	Manufacture of watches and clocks
-4.5	4.4	3.4	0.6	0.2	0.2	-2.2	0.2	-0.9	-0.5	-0.3	0.2	-2.1	4.7	2.3	-0.2	-3.7	Manufacture of watches and clocks and parts
																	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

1.5c : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
: Number of Paid Employees of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	-1.0	-2.0	-3.0	-1.3	1.7	0.5	0.8	-5.7	0.7	2.4	1.3	-2.3	-0.9
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-1.7	-0.5	4.3	-0.7	-0.2	-1.0	3.1	-2.0	-1.7	-0.1	-0.3	0.7	-0.8
27101	Pembuatan motor elektrik, penjana dan transformer	0.5	0.6	3.6	-3.5	0.8	-0.2	-1.4	-1.6	-0.1	0.7	0.3	0.8	-0.5
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.3	-1.3	4.8	1.5	-1.0	-1.6	6.6	-2.2	-2.8	-0.7	-0.7	0.5	-1.1
272/ 27200	Pembuatan bateri dan akumulator	1.2	-0.9	-2.5	-1.8	-3.4	-2.7	-6.0	-0.1	1.3	-0.2	-0.2	0.4	-1.1
273	Pembuatan pendawaian dan peranti pendawaian	1.9	-1.1	1.4	1.9	2.0	-1.1	2.7	0.1	-0.2	0.2	0.02	0.0	-1.1
27310	Pembuatan kabel gentian optikal	-0.04	5.8	-2.4	2.9	1.2	4.6	-2.9	3.6	-0.5	0.4	2.1	1.4	2.1
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	2.2	-1.6	1.5	2.2	2.1	-1.4	2.6	-0.8	-0.2	0.3	-0.1	-0.1	-1.4
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-0.6	1.6	1.8	-2.2	0.6	-0.6	8.3	11.7	-0.4	-1.1	0.7	0.0	0.9
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1.9	0.2	1.6	0.9	-7.0	0.6	1.1	10.4	-2.6	3.5	-2.6	1.0	1.9
275/ 27500	Pembuatan perkakasan domestik	4.7	-1.9	-8.5	-1.1	2.5	-1.0	-4.0	-0.3	-1.1	5.2	-0.6	-0.1	-1.2
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.0	-0.6	2.2	2.1	-0.3	0.5	-1.0	-2.2	-1.0	-0.4	-0.3	0.1	-0.4
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	1.0	1.3	-0.5	-0.5	0.9	1.2	-0.8	-2.3	1.3	-1.0	0.1	-0.7	1.9
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-6.1	-1.4	-1.1	-6.9	-1.2	3.1	-4.6	-24.1	-0.1	-0.6	0.3	0.4	-2.0
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	0.7	3.6	-4.0	0.9	0.1	-0.7	-5.6	4.4	3.0	-4.0	0.4	-0.5	3.8
28192	Pembuatan jentera pembentukan logam dan alatan mesin													
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	1.9	-3.5	-0.7	0.6	1.7	-6.1	-1.6	-13.0	0.1	-0.3	2.4	-5.7	-0.1
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	1.2	0.5	0.2	1.4	1.9	0.4	1.8	-10.1	0.5	0.5	-0.6	0.7	0.4
	Industri lain	2.0	1.6	1.2	-0.9	1.1	3.3	1.5	2.1	1.0	-0.03	-0.4	-0.1	2.1
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.6	-0.6	2.8	-0.2	-3.4	-1.9	1.9	1.8	-0.3	-3.5	0.1	-0.9	0.2
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	-3.7	-2.6	12.2	-0.6	-2.4	-1.3	10.9	16.2	-0.9	-1.0	-0.4	0.1	-2.4
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-2.6	5.1	-2.1	0.3	-3.4	8.2	-1.5	-1.1	-1.0	-2.6	6.7	-0.9	-0.6
301 (30110 & 30120)	Pembinaan kapal dan bot	-0.7	-1.5	-0.9	1.8	-2.6	0.1	-2.4	7.3	-0.1	-1.5	-1.2	-0.3	-0.01
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.	1.4	0.8	1.6	-0.7	1.2	-0.4	2.2	-2.0	-0.4	0.8	0.1	0.8	-0.2
30910	Pembuatan motosikal	1.8	-0.6	4.9	1.1	2.3	0.5	6.7	6.5	-0.4	2.6	0.2	-0.6	-0.1
30920	Pembuatan basikal dan invalid carriages	-5.9	8.9	3.5	2.0	-4.9	2.5	-0.7	-53.9	-2.0	-1.7	0.1	5.0	3.6
	Industri lain	1.8	1.2	-1.5	-2.7	0.9	-1.6	-2.0	2.8	-0.3	-0.4	0.1	1.7	-0.7
310	Pembuatan perabot	1.7	-0.1	-0.1	0.2	0.6	0.9	-0.1	4.6	0.5	0.4	2.0	-0.2	-1.8
31001	Pembuatan perabot kayu dan rotan	1.1	0.2	0.3	0.7	-0.2	0.9	-0.2	4.2	0.4	0.6	2.4	-0.1	-2.2
	Industri lain	3.9	-0.8	-1.5	-1.3	3.1	0.9	0.1	5.8	0.6	-0.1	0.5	-0.8	-0.4
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.1	-4.6	-5.5	-6.7	3.9	-7.5	-4.1	-4.8	-2.6	3.2	-1.9	1.2	-3.9
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	0.3	-0.5	3.8	0.1	2.2	-1.1	2.8	3.3	0.9	-0.1	-0.8	0.01	0.3
32901	Pembuatan alat tulis	-1.6	-2.3	6.2	-0.7	0.7	2.5	-0.5	-3.8	0.6	-0.3	0.5	-3.2	0.4
	Industri lain	0.8	0.01	3.2	0.4	2.6	-2.0	3.7	5.4	1.0	-0.01	-1.2	0.9	0.3
323/ 32300	Pembuatan barangan sukan	11.5	1.3	-16.9	-2.4	6.9	1.1	-0.8	-18.5	0.3	8.7	2.2	0.7	-1.6
324/ 32400	Pembuatan permainan dan mainan	-0.7	0.2	-1.1	1.6	-0.5	-1.5	1.5	-3.8	0.7	-0.1	-0.6	0.6	0.2
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	1.3	-1.5	-0.1	0.5	2.6	-0.9	1.3	2.3	-0.5	0.4	-0.6	0.1	-0.9
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	4.2	-1.1	-2.0	-1.4	2.5	2.1	4.3	0.7	0.5	0.6	0.4	-2.0	0.6
	Industri lain	0.8	-1.6	0.3	0.9	2.7	-1.5	0.7	2.6	-0.7	0.4	-0.8	0.5	-1.3
Jumlah Pembuatan		-0.5	0.3	0.9	0.3	-0.4	0.2	0.9	1.3	-0.3	-0.1	0.4	0.2	-0.3

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
-2.4	-1.4	0.9	-0.8	-0.2	-0.3	-0.1	0.4	1.4	0.6	0.1	-0.1	-0.4	0.04	1.2	1.0	1.1	Manufacture of optical instruments, photographic equipment, magnetic and optical media
3.9	0.7	-0.3	1.9	-2.4	-0.2	-0.3	0.3	-0.2	-0.6	0.2	-0.6	3.0	0.7	-0.6	-0.7	0.3	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
0.8	2.9	-0.2	-0.7	-2.5	-0.4	0.3	0.1	0.5	0.1	0.4	-0.6	-2.4	1.6	-0.6	-0.9	0.5	Manufacture of electric motors, generators and transformers
6.4	-1.0	-0.5	4.0	-2.3	0.0	-0.7	0.5	-0.8	-1.1	0.1	-0.6	7.1	0.1	-0.6	-0.5	0.1	Manufacture of electricity distribution and control apparatus
-1.3	0.5	-1.7	-0.2	-0.4	-1.2	3.2	-0.7	-5.7	-0.6	-0.7	-1.4	-2.5	-1.5	-2.1	2.1	0.3	Manufacture of batteries and accumulators
-0.9	2.0	0.3	2.2	-0.1	-0.2	1.4	0.2	0.3	1.4	-1.1	-1.4	0.5	0.1	2.1	2.5	-1.3	Manufacture of wiring and wiring devices
-1.9	-0.8	0.2	2.3	0.5	0.1	0.01	0.9	0.2	1.0	1.7	1.9	-2.1	-0.3	-0.5	-0.5	0.4	Manufacture of fibre optic cables
-0.6	1.8	0.4	2.4	0.1	-0.3	1.6	0.2	0.3	1.5	-1.2	-1.7	0.7	-0.4	2.4	2.9	-1.4	Manufacture of other electronic and electric wires and cables
-4.2	6.7	-0.4	0.0	-3.7	1.5	0.0	0.0	0.6	-0.9	-0.3	0.6	0.0	7.7	0.6	0.0	-0.9	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
2.1	-0.6	0.1	1.0	0.1	-0.2	-2.7	-2.8	-1.7	-0.2	-0.4	1.2	2.7	-1.9	0.3	-0.1	-0.4	Manufacture of electric lighting equipment
-2.1	-1.8	-4.7	-0.3	-0.8	-0.03	1.6	-0.2	1.0	0.4	0.0	-1.4	-2.8	-1.1	-0.1	-0.06	-0.4	Manufacture of domestic appliances
-0.6	2.6	0.2	0.4	1.2	0.5	0.3	-0.4	-0.1	-0.2	-0.1	0.9	-0.5	-1.0	0.5	0.2	1.8	Manufacture of other electrical equipment
0.2	-0.2	-0.4	0.2	0.3	-1.0	0.4	1.6	-1.1	0.2	-1.2	2.1	0.3	-0.4	-0.7	0.2	0.2	Manufacture of general-purpose and special-purpose machinery
0.6	0.1	-1.8	1.3	-0.9	-7.3	-0.3	0.1	-0.9	0.1	1.0	2.0	-0.4	-1.1	-3.2	-0.1	-1.6	Manufacture of fluid power equipment
-1.0	-1.6	-1.5	0.8	1.2	-1.1	1.8	2.9	-4.4	0.3	-4.3	3.4	-1.2	-2.3	-2.2	0.9	1.3	Manufacture of other pumps, compressors, taps and valves
-1.3	-1.0	1.6	0.3	-0.1	0.3	-0.3	2.3	-0.2	-0.4	-0.4	-5.4	0.3	-0.3	-1.5	1.9	1.0	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
0.4	-1.7	1.6	1.0	0.3	0.1	2.1	0.01	-0.1	-0.7	0.4	0.6	0.4	1.2	0.1	0.5	-0.5	Manufacture of metal-forming machinery and machine tools
0.9	0.7	-0.5	-0.4	0.1	-0.5	-0.3	1.3	0.1	0.5	-0.4	3.2	1.1	0.1	0.3	-0.3	-0.2	Manufacture of air-conditioning machines, including for motor vehicles
1.9	1.9	-1.0	2.2	-0.2	-2.2	-0.2	0.7	-3.9	0.7	-2.3	-0.3	2.5	-0.2	-0.4	2.5	0.0	Manufacture of other special-purpose machinery
1.3	11.1	-0.2	-2.2	0.5	1.1	-0.5	0.1	-2.0	-0.7	0.7	-1.3	-0.4	11.9	-0.5	-0.2	-2.4	Other industry
0.6	-2.4	-0.3	0.9	-1.1	0.5	-0.1	-0.7	-2.7	6.9	-0.9	2.1	1.0	-2.6	0.2	0.8	0.4	Manufacture of other special-purpose machinery
-0.6	-0.5	0.2	-0.8	-0.3	2.9	1.3	-2.4	-1.5	-0.1	0.4	-0.3	-0.1	-2.0	-0.3	-1.7	-0.1	Manufacture of motor vehicles
2.8	-2.8	1.7	-1.3	1.1	-0.5	0.3	0.4	0.5	-0.5	0.7	-0.5	2.5	-1.4	1.1	-0.8	0.7	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
7.1	-5.7	3.8	-1.5	2.4	0.2	-0.6	-0.2	3.2	-0.4	1.2	-0.2	3.8	-1.2	4.1	-2.1	2.5	Manufacture of parts and accessories for motor vehicles
1.8	1.4	0.3	1.2	1.1	-0.3	-2.7	-0.3	-2.0	-0.8	3.2	0.1	-0.5	-0.2	-0.1	-1.1	-0.9	Manufacture of motor vehicles
-0.8	-0.6	-0.01	-1.4	-0.1	-1.2	1.6	1.1	-1.8	-0.6	0.01	-0.9	1.6	-1.8	-1.8	0.7	-1.0	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6	-0.2	1.8	0.0	-0.8	-0.7	0.4	0.2	1.3	-1.2	Manufacture of parts and accessories for motor vehicles
-1.3	1.8	-0.1	1.2	-1.0	0.5	-0.1	0.7	-0.7	1.7	0.4	-1.1	-0.8	0.4	0.2	1.2	-1.5	Manufacture of parts and accessories for motor vehicles
0.2	-1.8	0.2	0.5	-1.1	-0.7	1.2	0.5	1.3	2.2	-1.3	-0.03	-0.2	0.1	0.2	1.5	0.04	Manufacture of parts and accessories for motor vehicles
-4.6	0.3	-1.2	1.2	0.0	-7.9	-0.4	0.4	3.9	-2.3	-0.8	-4.6	-4.7	0.8	-0.1	-0.5	-1.7	Building of ships and boats
3.4	0.03	0.4	0.2	0.1	-0.2	0.3	1.7	0.2	-0.7	-0.9	0.5	3.3	-1.3	0.8	0.2	0.6	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
1.5	4.1	0.6	-1.0	0.1	0.2	0.1	0.8	-0.3	0.2	0.6	1.7	2.0	-1.8	-0.6	-1.5	-0.7	Manufacture of motorcycles
3.9	-1.0	0.3	0.6	0.1	-0.3	0.3	2.0	0.3	-1.0	-1.3	0.2	3.7	-1.2	1.2	0.6	0.9	Manufacture of bicycles and invalid carriages
0.5	-16.5	-1.1	-1.3	-0.6	-0.6	1.2	0.1	5.6	0.0	-0.4	1.6	-0.3	0.1	-0.6	-0.4	-0.9	Other industry
0.4	-0.2	-1.4	2.0	0.2	-0.6	-0.6	0.6	-0.6	-0.6	-0.2	-0.7	1.8	0.4	-0.7	2.3	2.2	Manufacture of furniture
1.1	0.8	-1.9	0.7	-0.7	0.6	1.9	0.5	0.2	-0.4	0.6	-1.1	1.7	-0.2	-0.2	0.4	-1.0	Manufacture of furniture
0.7	0.2	-2.9	-2.0	0.4	0.1	2.6	0.7	-0.8	0.5	1.7	-0.2	4.2	-0.2	0.3	-1.2	0.1	Manufacture of wooden and cane furniture
1.2	0.9	-1.8	1.2	-0.9	0.6	1.8	0.5	0.4	-0.6	0.4	-1.3	1.2	-0.2	-0.3	0.8	-1.3	Manufacture of wooden and cane furniture
-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1	-0.2	0.5	-0.1	-0.3	0.2	0.2	0.5	0.5	-0.2	Other industry
Total Manufacturing																	

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan
Table : *Salaries and Wages Paid of Manufacturing Sector by Group*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
101	Pemprosesan dan pengawetan daging	426	427	103	104	108
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	476	478	118	116	122
	10201 Pengetinan ikan, krustasea dan moluska					
	&	385	376	93	92	96
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska					
	Industri lain	91	102	25	24	27
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	224	215	56	55	53
	10303 Pengetinan nanas					
	&	15	15	4	4	4
	10304 Pembuatan jem, marmalad dan sajian jeli					
	Industri lain	208	201	53	52	50
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	3,192	3,413	827	852	850
	10404 Pembuatan minyak sayuran mentah dan bertapis					
	&	218	224	54	54	57
	10406 Pembuatan sebatian lemak masakan					
	10405 Pembuatan minyak kelapa	115	121	30	30	31
	Industri lain	2,859	3,067	742	768	762
105	Pembuatan produk tenusu	922	1,003	247	247	247
	10502 Pembuatan susu pekat, tepung dan sejat					
	Industri lain	814	891	220	218	220
		107	112	27	29	28
106	Pembuatan produk bijian, kanji dan produk berkanji	384	350	90	86	86
	10611 Pengilangan beras	186	172	45	43	43
	10613 Pengilangan tepung	173	153	39	36	38
	Industri lain	25	24	6	6	6
107	Pembuatan produk makanan lain	4,498	4,620	1,155	1,124	1,149
	10711 Pembuatan biskut dan cookies	429	454	107	109	118
	10712 Pembuatan roti, kek dan produk bakeri lain	995	1,029	249	253	260
	10713 Pembuatan produk snek	250	285	69	70	71
	10721 Pembuatan gula	71	78	19	19	18
	10731 Pembuatan produk koko	97	96	23	25	25
	10732 Pembuatan coklat dan produk coklat					
	&	405	395	104	94	93
	10733 Pembuatan konfeksi gula					
	10793 Pembuatan sos dan bahan perasa	429	518	130	121	129
	10799 Pembuatan produk makanan lain t.t.t.l.	564	534	139	130	128
	Industri lain	1,258	1,230	315	304	307
108/ 10800	Pembuatan makanan haiwan tersedia	1,141	1,137	279	271	285
110	Pembuatan minuman ringan	573	615	151	149	149
	11041 Pembuatan minuman ringan	408	436	105	105	105
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	128	132	34	32	33
	Industri lain	36	47	12	12	11
120/ 12000	Pembuatan produk tembakau	66	66	17	15	16
131	Pemintalan, penenunan dan penyiapan tekstil	345	355	85	89	90
	13110 Penyediaan dan pemintalan gentian tekstil					
	&	238	248	59	62	63
	13120 Penenunan tekstil					
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	98	98	24	24	24
	Industri lain	9	8	2	2	2
139	Pembuatan tekstil lain	361	365	91	91	91
	13910 Pembuatan fabrik dikait dan dikrusye	100	96	24	25	24
	Industri lain	261	268	67	66	67
141	Pembuatan pakaian, kecuali pakaian berbulu	939	948	245	233	227
	14102 Pembuatan pakaian	636	670	174	163	159
	Industri lain	303	278	71	71	68
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	25	26	6	6	6
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	129	136	32	34	34
152	Pembuatan kasut	214	218	56	53	53
	15201 Pembuatan kasut kulit					
	&	149	141	36	35	34
	15203 Pembuatan kasut getah					
	Industri lain	65	77	20	18	19
161/ 16100	Pengilangan dan pengetaman kayu	526	562	136	136	143

2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
113	114	121	125	389	444	Processing and preserving of meat
122	120	118	124	437	445	Processing and preserving of fish, crustaceans and molluscs
96	96	96	101	343	359	Canning of fish, crustaceans and molluscs
26	25	22	23	94	86	Processing, curing and preserving of fish, crustacean and molluscs
						Other industry
50	52	52	53	199	191	Processing and preserving of fruits and vegetable
						Pineapple canning
4	4	4	4	14	14	Manufacture of jams, marmalades and table jellies
47	48	48	49	185	177	Other industry
884	879	870	893	3,096	3,241	Manufacture of vegetable and animal oils and fats
						Manufacture of crude and refined vegetable oil
59	65	60	58	204	220	Manufacture of compound cooking fats
30	33	34	36	111	126	Manufacture of coconut oil
795	782	776	799	2,781	2,895	Other industry
262	266	265	261	908	963	Manufacture of dairy products
233	236	234	231	806	855	Manufacture of condensed, powdered and evaporated milk
28	30	31	30	102	108	Other industry
88	93	87	87	318	323	Manufacture of grain mill products, starches and starch products
42	44	42	42	158	155	Rice milling
40	43	39	40	138	149	Flour milling
6	6	6	5	22	20	Other industry
1,192	1,169	1,151	1,172	4,211	4,274	Manufacture of other food products
120	114	118	128	414	442	Manufacture of biscuits and cookies
268	256	258	259	938	945	Manufacture of bread, cakes and other bakery products
73	76	73	76	260	276	Manufacture of snack products
22	20	21	21	70	76	Manufacture of sugar
24	26	24	24	88	89	Manufacture of cocoa products
						Manufacture of chocolate and chocolate products
104	104	94	94	358	358	Manufacture of sugar confectionery
139	133	132	134	469	489	Manufacture of sauces and condiments
137	128	127	126	487	466	Manufacture of other food products n.e.c.
305	312	305	311	1,128	1,134	Other industry
303	271	272	276	1,030	1,011	Manufacture of prepared animal feeds
166	164	159	161	556	596	Manufacture of beverages
121	116	112	112	393	421	Manufacture of soft drinks
33	36	35	35	121	127	Production of natural mineral waters and other bottled waters
12	12	12	13	42	47	Other industry
18	17	16	16	59	61	Manufacture of tobacco products
92	88	90	89	323	325	Spinning, weaving and finishing of textiles
						Preparation and spinning of textile fibres
64	61	63	63	226	227	Weaving of textiles
26	25	25	24	90	90	Dyeing, bleaching, printing and finishing of yarns and fabrics
2	2	2	2	8	8	Other industry
92	91	92	94	334	341	Manufacture of other textiles
23	22	23	25	89	85	Manufacture of knitted and crocheted fabrics
68	69	70	69	245	256	Other industry
243	247	235	230	861	871	Manufacture of wearing apparel, except fur apparel
175	184	172	168	605	639	Manufacture of clothings
69	63	63	63	256	232	Other industry
6	7	7	7	24	24	Manufacture of articles of fur, knitted and crocheted apparel
						Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
36	36	37	37	124	135	
57	57	54	53	199	202	Manufacture of footwear
						Manufacture of leather footwear
36	36	36	35	129	131	Manufacture of rubber footwear
21	21	18	18	70	71	Other industry
148	144	146	156	513	556	Sawmilling and planning of wood

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : *Salaries and Wages Paid of Manufacturing Sector by Group (cont.)*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024									
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
101	Pemprosesan dan pengawetan daging	36	34	34	34	35	35	35	35	37	37
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	40	39	39	38	39	39	40	41	42	41
	10201 Pengetinan ikan, krustasea dan moluska										
	&										
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	31	31	30	30	31	31	31	32	33	32
	Industri lain	8	8	8	8	8	8	9	9	9	9
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	19	18	19	19	18	18	19	17	17	17
	10303 Pengetinan nanas										
	&										
	10304 Pembuatan jem, marmalad dan sajian jeli	1	1	1	1	1	1	1	1	1	1
	Industri lain	18	17	18	18	17	17	18	16	16	16
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	278	279	270	283	287	282	289	278	283	285
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	&										
	10406 Pembuatan sebatian lemak masakan	18	18	18	18	18	18	19	19	19	20
	10405 Pembuatan minyak kelapa	10	10	10	10	10	10	10	10	10	10
	Industri lain	250	251	241	254	259	254	261	248	254	255
105	Pembuatan produk tenusu	90	76	81	84	83	80	86	80	82	83
	10502 Pembuatan susu pekat, tepung dan sejat	81	67	72	75	73	71	77	70	73	73
	Industri lain	9	9	9	9	10	10	9	10	9	9
106	Pembuatan produk bijian, kanji dan produk	33	28	29	29	29	28	29	28	29	28
	10611 Pengilangan beras	15	15	15	14	14	14	14	14	14	14
	10613 Pengilangan tepung	15	12	12	12	12	12	12	12	13	12
	Industri lain	2	2	2	2	2	2	2	2	2	2
107	Pembuatan produk makanan lain	394	382	379	375	375	374	373	382	394	388
	10711 Pembuatan biskut dan cookies	37	35	35	36	37	36	39	39	40	40
	10712 Pembuatan roti, kek dan produk bakeri lain	84	85	80	85	84	84	82	87	90	85
	10713 Pembuatan produk snek	23	23	23	23	23	24	24	24	24	24
	10721 Pembuatan gula	6	7	6	6	6	6	6	6	6	7
	10731 Pembuatan produk koko	8	7	7	9	8	8	8	8	9	8
	10732 &										
	10733 Pembuatan coklat dan produk coklatPembuatan konfeksi gula	36	34	34	32	31	31	31	30	32	33
	10793 Pembuatan sos dan bahan perasa	41	42	47	42	40	40	40	43	46	44
	10799 Pembuatan produk makanan lain t.t.t.l.	51	43	44	43	43	43	41	42	45	44
	Industri lain	108	105	102	100	102	101	102	102	102	102
108/ 10800	Pembuatan makanan haiwan tersedia	100	91	88	89	90	92	91	98	96	98
110	Pembuatan minuman ringan	51	50	50	51	49	49	49	49	51	52
	11041 Pembuatan minuman ringan	36	35	35	36	34	35	35	34	37	37
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang diboto	12	11	11	11	10	10	10	11	11	11
	Industri lain	4	4	4	4	4	4	4	4	4	4
120/ 12000	Pembuatan produk tembakau	6	6	6	5	5	5	5	5	5	6
131	Pemintalan, penenunan dan penyiapan tekstil	30	28	28	29	30	30	30	30	30	30
	13110 &										
	13120 Penyediaan dan pemintalan gentian tekstilPenenunan tekstil	21	19	19	20	21	21	21	21	21	21
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang c	8	8	8	8	8	8	8	8	8	8
	Industri lain	1	1	1	1	1	1	1	1	1	1
139	Pembuatan tekstil lain	31	30	31	30	31	30	30	30	31	30
	13910 Pembuatan fabrik dikait dan dikrusye	8	8	8	8	8	8	8	8	8	8
	Industri lain	23	22	23	22	22	22	22	22	23	23
141	Pembuatan pakaian, kecuali pakaian berbulu	85	80	80	80	79	75	76	74	77	76
	14102 Pembuatan pakaian	61	56	57	56	55	52	53	52	54	53
	Industri lain	25	23	23	24	24	23	22	22	23	23
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	2	2	2	2	2	2	2	2	2	2
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	11	10	11	11	11	11	11	11	12	12
152	Pembuatan kasut	19	19	18	18	18	17	17	17	18	19
	15201 Pembuatan kasut kulit										
	&										
	15203 Pembuatan kasut getah	12	12	12	12	12	12	11	11	12	12
	Industri lain	7	6	6	6	6	6	6	6	7	7
161/ 16100	Pengilangan dan pengetaman kayu	44	46	46	46	45	45	48	47	48	49

2025													Group Description/Period
Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
37	38	40	36	39	40	38	43	42	40	42	42	42	Processing and preserving of meat
40	41	41	40	40	39	40	39	40	41	43	41	41	Processing and preserving of fish, crustaceans and molluscs
32	32	32	32	32	32	32	32	32	34	35	33	33	Canning of fish, crustaceans and molluscs
9	9	9	8	8	8	7	7	7	8	8	8	8	Processing, curing and preserving of fish, crustacean and molluscs
17	17	17	17	17	17	17	17	18	18	17	17	18	Processing and preserving of fruits and vegetable
1	1	1	1	1	1	1	1	1	1	1	1	1	Pineapple canning
16	15	16	16	16	16	16	16	17	16	16	16	16	Manufacture of jams, marmalades and table jellies
283	316	296	297	286	287	293	290	295	298	300	302	297	Manufacture of vegetable and animal oils and fats
19	20	22	21	21	20	20	20	19	19	19	19	19	Manufacture of crude and refined vegetable oil
10	10	11	11	11	11	12	12	12	12	12	12	12	Manufacture of compound cooking fats
253	287	263	266	254	256	261	258	264	267	269	271	266	Manufacture of coconut oil
84	95	98	83	84	90	84	91	88	87	85	85	87	Manufacture of dairy products
75	85	87	74	75	80	74	81	78	78	75	76	78	Manufacture of condensed, powdered and evaporated milk
9	10	11	10	9	10	10	10	10	10	10	9	9	Other industry
28	32	32	32	29	29	29	29	29	29	29	28	29	Manufacture of grain mill products, starches and starch products
14	14	15	15	15	14	14	14	14	14	14	14	13	Rice milling
12	16	16	15	12	13	13	13	13	13	13	13	14	Flour milling
2	2	2	2	2	2	2	2	2	2	2	2	2	Other industry
394	409	393	389	386	381	384	385	391	388	394	388	395	Manufacture of other food products
40	40	38	37	40	38	39	40	43	42	42	41	41	Manufacture of biscuits and cookies
91	92	87	88	81	86	86	86	85	86	88	84	89	Manufacture of bread, cakes and other bakery products
24	25	25	25	26	24	24	25	26	25	26	25	26	Manufacture of snack products
7	8	6	7	7	7	7	7	7	7	7	7	7	Manufacture of sugar
8	8	9	8	8	9	8	8	8	8	8	8	8	Manufacture of cocoa products
34	37	35	36	34	32	31	31	31	31	32	33	33	Manufacture of chocolate and chocolate products
45	50	43	43	47	44	44	44	44	44	46	45	45	Manufacture of sugar confectionery
46	47	46	42	40	42	43	42	42	42	42	42	43	Manufacture of sauces and condiments
100	103	104	104	104	100	102	103	105	103	103	103	103	Manufacture of other food products n.e.c.
97	107	96	88	87	95	90	87	89	94	94	97	96	Manufacture of prepared animal feeds
55	59	56	54	55	54	52	53	53	53	54	55	58	Manufacture of beverages
40	44	39	38	38	38	36	38	37	36	39	39	42	Manufacture of soft drinks
11	11	12	12	12	12	11	11	12	12	11	11	11	Production of natural mineral waters and other bottled waters
4	4	4	4	4	4	4	4	4	5	5	5	5	Other industry
5	7	6	6	6	5	5	5	5	5	6	6	6	Manufacture of tobacco products
30	31	31	29	29	30	30	30	30	29	30	29	29	Spinning, weaving and finishing of textiles
21	22	22	20	20	20	21	21	22	20	21	21	20	Preparation and spinning of textile fibres
9	9	8	8	8	8	8	8	8	8	8	8	8	Weaving of textiles
1	1	1	1	1	1	1	1	1	1	1	1	1	Dyeing, bleaching, printing and finishing of yarns and fabrics
31	31	31	30	30	30	31	31	31	31	32	32	32	Manufacture of other textiles
8	8	7	7	7	7	8	8	8	8	9	8	8	Manufacture of knitted and crocheted fabrics
23	23	23	23	23	23	24	23	23	23	23	24	24	Other industry
80	87	84	81	81	80	79	75	76	75	79	78	82	Manufacture of wearing apparel, except fur apparel
57	64	63	61	60	59	58	54	56	55	57	56	60	Manufacture of clothings
23	23	21	21	21	21	21	21	20	21	22	21	22	Other industry
2	2	2	2	2	2	2	2	2	2	2	2	2	Manufacture of articles of fur, knitted and crocheted apparel
12	12	12	12	12	12	12	12	12	12	13	13	13	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
19	19	19	19	18	18	18	17	17	18	19	19	19	Manufacture of footwear
12	12	12	12	12	12	12	12	11	11	12	12	13	Manufacture of leather footwear
7	7	7	7	7	7	6	5	6	6	7	7	7	Manufacture of rubber footwear
49	49	47	49	47	49	48	49	51	52	54	55	55	Sawmilling and planning of wood

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan
Table : *Salaries and Wages Paid of Manufacturing Sector by Group*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2,184	2,233	558	553	559
16211	Pembuatan kepingan venier dan papan lapis	1,042	1,086	265	268	279
16212	Pembuatan papan partikel dan papan gentian	323	309	87	76	71
16221	Pertukangan kayu untuk jurubina	478	476	114	117	121
	Industri lain	341	362	92	92	87
170	Pembuatan kertas dan produk kertas	2,148	2,162	554	526	529
17010	Pembuatan pulpa, kertas dan kertas tebal	241	235	64	58	54
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	916	922	236	226	228
17091	Pembuatan sampul surat dan kad surat	53	57	14	13	15
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	396	415	109	99	100
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	248	231	57	55	58
	Industri lain	293	302	75	74	73
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	2,382	2,497	623	636	613
18110	Percetakan	2,015	2,097	524	538	512
18120 &	Aktiviti perkhidmatan berkaitan percetakan					
18200	Penerbitan semula media rakaman	368	400	98	98	101
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2,502	2,526	682	571	597
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	3,220	3,031	770	726	750
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	359	331	84	75	87
20112 &	Pembuatan kimia organik asas					
20113	Pembuatan sebatian bukan organik	1,628	1,335	344	326	315
20121 &	Pembuatan baja	287	264	68	64	69
20129	Pembuatan produk campuran nitrogen					
20131	Pembuatan plastik dalam bentuk primer	840	1,002	247	236	255
	Industri lain	107	100	27	26	24
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	2,710	2,812	730	686	690
20210	Pembuatan racun perosak dan produk agrokimia lain	303	358	83	90	89
20221	Pembuatan cat, varnis dan penyadur dan mastik	419	449	119	114	110
20222	Pembuatan dakwat cetak	211	171	46	44	40
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat					
20232	Pembuatan pewangi dan penyediaan dandanan diri	896	881	230	214	217
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials					
20292 &	Pembuatan dakwat menulis dan melukis	848	927	245	218	227
20299	Pembuatan produk kimia lain t.t.t.l.					
	Industri lain	32	26	6	6	7
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	804	811	191	198	204
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	624	618	146	152	154
	Industri lain	180	193	45	46	50
221	Pembuatan produk getah	4,036	4,014	961	987	1,048
22111	Pembuatan tayar getah untuk kenderaan	480	360	103	87	87
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	131	160	36	40	42
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan					
22193	Pengilangan semula getah dan prosesan susu getah	769	826	193	203	210
22192	Pembuatan sarung tangan getah	1,974	2,050	470	503	553
22199	Pembuatan produk getah lain yang t.t.t.l.	683	618	159	154	156
222	Pembuatan produk plastik	8,102	8,291	2,010	2,093	2,079
22201 &	Pembuatan produk plastik separa siap					
22202	Pembuatan produk plastik siap	2,748	2,511	643	634	599
22203	Pembuatan artikel plastik untuk pembungkusan barangan	2,207	2,294	528	578	593
22204	Pembuatan barangan plastik jurubina	119	119	31	30	28
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	584	639	148	156	163
22209	Pembuatan pelbagai produk plastik t.t.t.l.	2,444	2,728	660	696	695
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	921	945	230	243	239

2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
563	568	558	564	2,042	2,067	Manufacture of products of wood, cork, straw and plaiting materials
273	267	262	284	995	1,000	Manufacture of veneer sheets and plywood
75	75	72	68	284	263	Manufacture of particle board and fibreboard
124	135	133	121	431	470	Manufacture of builders' carpentry
90	91	91	90	331	335	Other industry
553	556	532	537	1,973	1,998	Manufacture of paper and paper products
59	59	56	55	215	210	Manufacture of pulp, paper and paperboard
232	244	234	234	845	873	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
15	15	14	14	52	52	Manufacture of envelopes and letter-card
106	104	99	102	377	375	Manufacture of household and personal hygiene paper
60	59	56	57	211	213	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
80	74	73	75	273	274	Other industry
626	638	653	635	2,278	2,356	Printing, service activities related to printing and reproduction of recorded media
523	527	549	530	1,913	1,967	Printing
102	111	104	105	365	389	Service activities related to printing
						Reproduction of recorded media
675	692	579	608	2,282	2,318	Manufacture of refined petroleum products
784	802	758	751	2,756	2,817	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
85	105	98	92	301	354	Manufacture of liquefied or compressed inorganic industrial or medical gases
349	347	335	328	1,211	1,236	Manufacture of basic organic chemicals
63	66	71	72	244	256	Manufacture of inorganic compounds
264	256	229	233	909	873	Manufacture of fertilizers
23	28	26	26	91	97	Manufacture of associated nitrogen products
706	720	652	638	2,563	2,433	Manufacture of other chemical products and man-made fibres
96	111	119	113	326	416	Manufacture of pesticides and other agrochemical products
106	114	106	106	411	398	Manufacture of paints, varnishes and similar coatings ink and mastics
41	42	40	39	157	147	Manufacture of printing ink
219	219	191	189	802	722	Manufacture of soap and detergents, cleaning and polishing preparations
238	227	189	183	844	726	Manufacture of perfumes and toilet preparations
6	7	7	7	24	25	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
218	193	204	214	732	756	Manufacture of writing and drawing ink
165	140	148	152	557	544	Manufacture of other chemical products n.e.c.
53	53	56	62	175	212	Other industry
1,017	982	992	1,061	3,684	3,740	Manufacture of pharmaceuticals, medicinal chemical and botanical products
83	83	76	83	332	294	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
41	43	39	41	146	150	Other industry
220	236	230	247	751	887	Manufacture of rubber products
524	484	509	551	1,887	1,904	Manufacture of rubber tyres for vehicles
149	137	138	139	568	505	Manufacture of interchangeable tyre treads and retreading rubber tyres
2,110	2,036	2,091	2,114	7,577	7,681	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
635	650	667	663	2,296	2,444	Rubber remilling and latex processing
596	609	667	673	2,094	2,406	Manufacture of rubber gloves
30	31	32	29	109	112	Manufacture of other rubber products n.e.c.
171	140	142	149	580	532	Manufacture of plastics products
677	606	583	600	2,498	2,186	Manufacture of semi-manufactures of plastic products
						Manufacture of finished plastic products
232	220	228	225	867	820	Manufacture of plastic articles for the packing of goods
						Manufacture of builders' plastics ware
						Manufacture of plastic tableware, kitchenware and toilet articles
						Manufacture of diverse plastic products n.e.c.
						Manufacture of glass and glass products

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : *Salaries and Wages Paid of Manufacturing Sector by Group (cont.)*

Kod Kumpulan Group code	Keterangan Kumpulan/Temph	2024									
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	189	185	183	185	186	182	188	186	186	185
	16211 Pembuatan kepingan venier dan papan lapis	91	88	86	89	91	89	93	93	93	90
	16212 Pembuatan papan partikel dan papan gentian	29	29	29	26	26	24	24	23	24	24
	16221 Pertukangan kayu untuk jurubina	38	38	38	39	39	39	41	40	39	41
	Industri lain	31	30	31	31	30	30	29	29	29	29
170	Pembuatan kertas dan produk kertas	184	186	183	176	174	175	174	175	179	183
	17010 Pembuatan pulpa, kertas dan kertas tebal	21	22	22	21	19	18	18	18	19	20
	17020 Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	80	78	78	75	74	77	74	76	78	78
	17091 Pembuatan sampul surat dan kad surat	5	4	5	5	4	4	5	5	5	5
	17092 Pembuatan kertas kegunaan rumah dan pembersih peribadi	35	38	36	33	34	33	35	32	34	34
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19	19	19	18	18	19	19	19	20	20
	Industri lain	25	25	25	24	25	25	24	25	24	26
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	204	210	209	209	214	213	210	206	197	200
	18110 Percetakan	170	178	177	178	180	180	176	172	164	166
	18120 Aktiviti perkhidmatan berkaitan percetakan &	34	33	32	31	34	33	33	35	33	34
	18200 Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	216	216	250	188	185	198	194	195	208	219
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	260	250	260	252	234	241	246	255	250	252
	20111 Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	28	28	28	25	25	25	28	27	31	28
	20112 & 20113 Pembuatan kimia organik asas										
	20113 Pembuatan sebatian bukan organik	116	113	116	119	101	107	104	108	103	110
	20121 & 20129 Pembuatan bajaPembuatan produk campuran nitrogen	23	21	24	22	21	21	22	25	22	22
	20131 Pembuatan plastik dalam bentuk primer	84	79	84	77	79	80	84	86	85	85
	Industri lain	10	9	8	10	8	8	8	8	8	7
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	233	248	250	239	222	226	229	232	229	230
	20210 Pembuatan racun perosak dan produk agrokimia lain	26	27	30	30	30	31	29	30	29	32
	20221 Pembuatan cat, varnis dan penyadur dan mastik	37	44	38	39	37	38	38	37	35	34
	20222 Pembuatan dakwat cetak	15	16	15	16	14	14	14	13	13	13
	20231 & 20232 Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	70	79	82	72	71	72	72	74	71	71
	20291 & 20292 Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials										
	20292 & 20299 Pembuatan dakwat menulis dan melukis	82	81	83	80	68	69	74	76	78	78
	20299 Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	2	2	2	2	2	2	2	2	2	2
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	66	62	63	68	65	65	67	69	68	70
	21001 Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	51	47	48	53	49	50	51	52	51	53
	Industri lain	15	15	15	16	15	15	16	17	17	17
221	Pembuatan produk getah	325	318	318	315	326	347	340	353	355	346
	22111 Pembuatan tayar getah untuk kenderaan	40	33	30	28	28	30	29	30	28	27
	22112 Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	12	11	14	13	14	14	14	14	14	14
	22191 & 22193 Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	66	60	67	66	68	69	70	69	72	73
	22192 Pembuatan sarung tangan getah	155	160	155	156	163	184	174	188	190	183
	22199 Pembuatan produk getah lain yang t.t.t.l.	53	54	52	52	52	50	53	53	51	49
222	Pembuatan produk plastik	678	663	668	702	707	683	696	696	687	693
	22201 Pembuatan produk plastik separa siap										
	& 22202 Pembuatan produk plastik siap	220	221	202	214	216	204	193	203	203	208
	22203 Pembuatan artikel plastik untuk pembungkusan barangan	178	166	184	195	197	186	200	198	195	198
	22204 Pembuatan barangan plastik jurubina	10	10	11	10	10	10	10	9	10	10
	22205 Pembuatan pinggan mangkuk, peralatan dapur dan tandas daripada plastik	48	49	51	51	52	53	52	56	55	56
	22209 Pembuatan pelbagai produk plastik t.t.t.l.	222	217	221	232	232	231	241	230	224	221
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	77	75	79	81	82	81	80	80	80	77

2025													Group Description/Period
Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
187	191	192	188	188	189	188	182	189	188	187	187	189	Manufacture of products of wood, cork, straw and plaiting materials
92	91	92	88	87	86	89	87	94	96	94	92	94	Manufacture of veneer sheets and plywood
25	25	25	25	25	25	24	23	23	22	23	24	24	Manufacture of particle board and fibreboard
39	44	45	45	45	46	45	42	42	40	39	41	39	Manufacture of builders' carpentry
30	31	30	30	31	32	29	30	30	29	31	31	31	Other industry
181	188	185	187	184	178	177	177	177	177	183	188	185	Manufacture of paper and paper products
19	20	19	21	19	19	18	18	18	18	19	20	20	Manufacture of pulp, paper and paperboard
77	77	82	80	82	78	78	77	75	78	81	82	79	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
5	5	5	5	5	5	5	5	5	5	5	5	5	Manufacture of envelopes and letter-card
33	38	34	37	34	33	33	33	35	33	34	35	34	Manufacture of household and personal hygiene paper
20	20	20	20	20	19	19	18	19	18	19	20	21	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
26	28	25	24	25	25	24	25	25	25	25	26	26	Other industry
207	219	209	216	213	214	220	219	214	212	208	212	219	Printing, service activities related to printing and reproduction of recorded media
173	184	171	179	177	180	185	184	180	177	174	177	184	Printing
34	35	38	37	36	34	35	34	35	36	34	35	35	Service activities related to printing
													Reproduction of recorded media
212	244	219	219	253	192	187	199	196	199	213	224	215	Manufacture of refined petroleum products
258	274	259	268	275	267	246	245	252	251	248	251	255	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
28	29	32	34	39	33	33	32	31	31	30	30	30	Manufacture of liquefied or compressed inorganic industrial or medical gases
115	124	110	120	118	121	106	108	110	110	108	112	114	Manufacture of basic organic chemicals
													Manufacture of inorganic compounds
													Manufacture of fertilizers
21	20	21	21	24	23	25	24	25	23	24	24	23	Manufacture of associated nitrogen products
86	93	87	84	85	81	74	74	77	78	78	77	79	Manufacture of plastics in primary forms
8	8	9	9	10	9	8	9	9	9	9	9	9	Other industry
226	249	238	239	243	228	211	213	216	210	212	212	211	Manufacture of other chemical products and man-made fibres
31	32	36	35	40	39	40	40	38	37	37	37	36	Manufacture of pesticides and other agrochemical products
35	38	38	39	37	38	33	35	36	35	35	36	35	Manufacture of paints, varnishes and similar coatings ink and mastics
13	15	14	14	14	15	13	13	13	13	13	13	13	Manufacture of printing ink
68	80	70	71	78	65	64	63	64	63	63	62	61	Manufacture of soap and detergents, cleaning and polishing preparations
													Manufacture of perfumes and toilet preparations
													Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
77	83	77	78	73	70	60	60	63	59	62	63	63	Manufacture of writing and drawing ink
													Manufacture of other chemical products n.e.c.
2	2	2	2	2	2	2	2	2	2	2	2	2	Other industry
68	79	67	62	63	69	67	67	69	73	72	74	72	Manufacture of pharmaceuticals, medicinal chemical and botanical products
51	60	49	46	45	50	48	49	49	51	51	54	51	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
17	19	18	17	18	19	19	18	20	21	21	21	21	Other industry
342	330	337	323	323	317	326	348	343	351	367	357	348	Manufacture of rubber products
28	28	32	27	24	23	26	27	28	29	26	26	26	Manufacture of rubber tyres for vehicles
14	14	15	14	14	13	13	12	14	14	14	14	13	Manufacture of interchangeable tyre treads and retreading rubber tyres
72	75	81	75	80	76	77	77	81	79	87	87	87	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
													Rubber remilling and latex processing
178	163	163	163	158	159	165	185	176	182	193	184	176	Manufacture of rubber gloves
50	50	46	45	46	46	45	46	45	47	47	46	45	Manufacture of other rubber products n.e.c.
702	714	686	675	676	705	709	677	700	702	711	723	718	Manufacture of plastics products
													Manufacture of semi-manufactures of plastic products
211	216	217	222	212	224	225	217	213	219	231	229	236	Manufacture of finished plastic products
198	200	206	191	212	224	226	217	227	226	220	235	223	Manufacture of plastic articles for the packing of goods
10	10	10	10	11	11	11	11	11	9	9	9	10	Manufacture of builders' plastics ware
57	59	45	47	48	47	48	47	47	51	51	51	51	Manufacture of plastic tableware, kitchenware and toilet articles
226	229	208	205	193	199	199	185	202	198	200	199	199	Manufacture of diverse plastic products n.e.c.
77	78	74	72	74	77	76	75	74	75	75	74	74	Manufacture of glass and glass products

Jadual : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan
Table : Salaries and Wages Paid of Manufacturing Sector by Group

1.6a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	3,799	3,936	971	968	973
23911 &	Pembuatan mortar refraktori dan konkrit	320	347	88	86	84
23921	Pembuatan seramik bukan refraktori					
23930	Pembuatan produk porselin dan seramik lain	146	151	34	36	41
23941	Pembuatan simen hidrolik	293	245	67	61	59
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	709	769	189	188	189
23952 &	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;					
23953 &	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	1,344	1,374	337	338	344
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.					
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	592	639	157	154	156
	Industri lain	394	412	101	105	100
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	2,396	2,395	630	591	571
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1,467	1,590	410	401	386
243	Pengacuan logam	398	396	104	98	97
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1,722	1,795	460	438	449
25113 &	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	890	863	220	212	215
25119	Pembuatan produk struktur logam lain					
25120	Pembuatan tangki, takungan dan kontena daripada logam	631	734	188	177	185
	Industri lain	201	197	52	49	49
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	4,211	4,548	1,142	1,134	1,120
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	744	791	192	190	197
25920	Rawatan dan penyalutan logam; menggunakan mesin	485	496	130	129	114
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	555	631	156	154	156
25992 &	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	1,124	1,256	325	319	312
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya					
25994	Pembuatan barangan rumah daripada logam	65	70	17	17	17
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	1,028	1,095	271	278	270
	Industri lain	210	210	51	48	53
261	Pembuatan komponen dan papan elektronik	12,315	11,398	2,989	2,853	2,695
26101 &	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	7,930	7,583	1,948	1,849	1,844
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro					
26103 &	Pembuatan kapasitor dan perintang elektrik					
26104 &	Pembuatan papan litar bercetak	3,912	3,342	915	882	738
26105	Pembuatan komponen paparan					
26109	Pembuatan komponen lain untuk aplikasi elektronik	473	473	126	123	112
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3,095	3,480	786	789	907
263/ 26300	Pembuatan peralatan komunikasi	783	798	198	202	190
264/ 26400	Pembuatan peralatan elektronik pengguna	1,338	1,008	311	248	200
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	2,973	3,592	796	955	899
26511 &	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	2,786	3,405	748	909	852
26512	Pembuatan kelengkapan kawalan proses perindustrian					
26520	Pembuatan jam tangan dan jam dan bahagiannya	187	186	48	47	47
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	728	783	197	191	197

(RM Juta/million)						
2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
1,024	1,013	1,016	997	3,587	3,716	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
89	88	84	83	315	308	Manufacture of non-refractory ceramic
41	40	42	43	137	152	Manufacture of other porcelain and ceramic products
57	57	49	48	225	185	Manufacture of hydraulic cement
204	219	226	230	699	845	Manufacture of ready-mix and dry-mix concrete and mortars
						Manufacture of precast concrete, cement or artificial stone articles for use in construction
355	335	327	315	1,259	1,191	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
172	169	180	181	579	657	Manufacture of other articles of concrete, cement and plaster n.e.c.
106	105	108	98	375	378	Manufacture of other non-metallic mineral products n.e.c. Other industry
603	622	597	579	2,177	2,187	Manufacture of basic iron and steel
393	434	411	394	1,450	1,496	Manufacture of basic precious and other non-ferrous metals
97	101	101	107	363	384	Casting of metals
448	470	460	469	1,642	1,700	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
216	220	204	210	791	767	Manufacture of metal doors, windows and their frames, shutters and gates
185	199	204	205	670	742	Manufacture of other structural metal products
47	51	52	54	181	191	Manufacture of tanks, reservoirs and containers of metal
						Other industry
1,152	1,198	1,169	1,157	4,146	4,303	Manufacture of other fabricated metal products; metal working service activities
213	218	218	223	715	813	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
123	128	122	113	451	434	Treatment and coating of metals; machining
165	168	153	162	573	597	Manufacture of tins and cans for food products, collapsible tubes and boxes
300	320	312	305	1,152	1,141	Manufacture of metal cable, plaited bands and similar articles
17	18	19	18	64	66	Manufacture of bolts, screws, nuts and similar threaded products
277	291	294	283	1,001	1,058	Manufacture of metal household articles
57	53	52	53	190	195	Manufacture of any other fabricated metal products n.e.c. Other industry
2,861	2,796	2,721	2,695	10,370	10,096	Manufacture of electronic components and boards
1,942	1,898	1,853	1,879	6,883	6,968	Manufacture of diodes, transistors and similar semiconductor devices
						Manufacture of electronic integrated circuits micro assemblies
						Manufacture of electrical capacitors and resistors
807	784	751	701	3,054	2,706	Manufacture of printed circuit boards
112	114	117	115	433	422	Manufacture of display components
						Manufacture of other components for electronic applications
998	932	943	975	3,112	3,487	Manufacture of computers and peripheral equipment
208	223	206	182	728	733	Manufacture of communication equipment
249	260	273	221	923	921	Manufacture of consumer electronics
941	921	1,007	956	3,261	3,533	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
897	877	962	907	3,089	3,360	Manufacture of measuring, testing, navigating and control equipment
45	44	45	49	172	173	Manufacture of industrial process control equipment
						Manufacture of watches and clocks and parts
198	181	176	169	716	637	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : *Salaries and Wages Paid of Manufacturing Sector by Group (cont.)*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024									
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	330	318	323	322	324	322	323	323	327	335
23911 & 23921	Pembuatan mortar refraktori dan konkrit	29	29	30	29	29	28	28	28	29	28
23930	Pembuatan produk porselin dan seramik lain	11	11	11	11	12	12	13	14	14	13
23941	Pembuatan simen hidrolik	26	21	21	20	21	20	22	18	19	19
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	63	62	64	63	62	63	62	62	65	66
23952 & 23953	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;	115	109	112	111	114	113	115	115	114	119
23959 & 23990	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	53	54	51	50	52	52	49	53	53	56
	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	33	33	34	37	34	33	34	32	34	34
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	220	202	207	202	197	193	187	189	195	191
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	135	140	135	135	135	131	131	126	129	126
243	Pengacuan logam	36	35	33	34	32	32	32	32	33	33
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	158	152	150	143	148	146	150	151	148	148
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	78	70	72	69	72	71	71	73	70	72
25120	Pembuatan produk struktur logam lain	63	63	61	58	60	59	62	61	62	61
	Pembuatan tangki, takungan dan kontena daripada logam	17	18	17	16	16	16	16	17	16	16
	Industri lain	17	18	17	16	16	16	16	17	16	16
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	382	381	379	377	382	376	368	373	378	376
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	65	63	64	64	65	61	63	66	67	68
25920	Rawatan dan penyalutan logam; menggunakan mesin	43	44	43	44	44	41	41	37	37	41
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	53	53	50	50	52	51	53	52	52	53
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	106	109	110	105	106	108	103	104	105	99
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	6	6	6	6	6	6	6	6	6	6
25999	Pembuatan barangan rumah daripada logam	91	90	90	92	94	92	86	90	93	91
	Pembuatan produk lain yang direka daripada logam t.t.t.l.	19	16	16	16	16	16	16	18	19	19
	Industri lain	19	16	16	16	16	16	16	18	19	19
261	Pembuatan komponen dan papan elektronik	1,005	1,008	976	936	960	957	879	894	921	914
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	646	655	647	617	606	626	600	620	624	622
26103 & 26104	Pembuatan litat elektronik bersepadu dengan pemasangan mikro	316	312	288	278	313	291	237	239	262	256
26105	Pembuatan kapasitor dan perintang elektrik	43	41	42	41	41	41	42	36	35	36
26109	Pembuatan papan litat bercetak	43	41	42	41	41	41	42	36	35	36
262 (26201 & 26202)	Pembuatan komponen paparan	268	267	251	255	264	271	290	296	321	318
263/ 26300	Pembuatan komponen lain untuk aplikasi elektronik	65	67	66	64	68	69	64	63	64	63
264/ 26400	Pembuatan komputer dan kelengkapan peranti	119	101	91	83	86	80	62	67	72	82
265	Pembuatan peralatan komunikasi	246	266	285	290	311	354	335	282	281	306
26511 & 26512	Pembuatan peralatan elektronik pengguna	230	250	269	275	295	339	319	267	266	291
26520	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	16	16	16	15	16	16	16	15	15	15
266/ 26600	Pembuatan kelengkapan kawalan proses perindustrian	64	66	67	64	67	60	67	64	67	66
	Pembuatan jam tangan dan jam dan bahagiannya	64	66	67	64	67	60	67	64	67	66
	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	64	66	67	64	67	60	67	64	67	66

2025													Group Description/Period
Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
340	349	341	332	340	339	340	337	333	330	334	342	347	Manufacture of non-metallic mineral products n.e.c.
28	32	28	28	31	28	28	28	28	27	27	27	27	Manufacture of refractory mortars and concretes
13	14	13	13	13	13	15	14	15	14	14	14	14	Manufacture of non-refractory ceramic
19	20	21	18	18	18	16	16	18	15	15	15	15	Manufacture of other porcelain and ceramic products
67	71	74	72	73	74	75	77	75	75	80	85	85	Manufacture of hydraulic cement
													Manufacture of ready-mix and dry-mix concrete and mortars
													Manufacture of precast concrete, cement or artificial stone articles for use in construction
121	115	116	109	111	110	111	106	107	104	104	105	109	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
57	60	54	55	60	59	60	61	57	63	61	64	64	Manufacture of other articles of concrete, cement and plaster n.e.c.
35	37	35	35	35	37	36	35	34	32	32	33	33	Manufacture of other non-metallic mineral products n.e.c.
													Other industry
194	218	212	203	207	203	197	196	192	190	197	194	195	Manufacture of basic iron and steel
126	141	147	148	138	141	137	133	133	130	132	129	129	Manufacture of basic precious and other non-ferrous metals
32	33	35	33	34	34	34	34	34	36	37	37	37	Casting of metals
146	153	162	156	153	152	156	152	156	160	153	153	147	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
71	73	79	71	70	68	69	68	68	72	71	67	65	Manufacture of metal doors, windows and their frames, shutters and gates
60	65	65	67	66	67	70	67	71	69	65	69	65	Manufacture of other structural metal products
16	16	17	17	17	18	17	17	18	19	17	17	17	Manufacture of tanks, reservoirs and containers of metal
													Other industry
374	402	401	400	396	391	392	385	380	385	391	390	390	Manufacture of other fabricated metal products; metal working service activities
68	76	72	72	74	73	75	70	73	76	74	77	77	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
38	45	42	43	43	41	41	40	40	36	37	37	34	Treatment and coating of metals; machining
55	57	57	56	55	50	51	51	53	51	57	56	58	Manufacture of tins and cans for food products, collapsible tubes and boxes
													Manufacture of metal cable, plaited bands and similar articles
97	104	107	108	105	106	102	104	100	102	103	102	102	Manufacture of bolts, screws, nuts and similar threaded products
6	6	6	6	6	6	6	6	6	6	5	6	5	Manufacture of metal household articles
91	95	98	97	96	97	99	97	92	96	95	95	95	Manufacture of any other fabricated metal products n.e.c.
19	20	18	18	17	17	17	17	17	18	18	18	18	Other industry
919	1,028	935	937	924	914	897	910	887	888	920	938	946	Manufacture of electronic components and boards
620	700	639	634	625	644	591	619	614	617	649	668	670	Manufacture of diodes, transistors and similar semiconductor devices
													Manufacture of electronic integrated circuits micro assemblies
													Manufacture of electrical capacitors and resistors
263	288	260	265	259	232	267	252	235	232	234	232	238	Manufacture of printed circuit boards
													Manufacture of display components
36	40	36	38	39	38	40	39	38	39	37	38	38	Manufacture of other components for electronic applications
312	369	319	316	298	289	329	325	319	325	331	323	315	Manufacture of computers and peripheral equipment
76	70	75	74	74	73	74	59	64	59	58	59	63	Manufacture of communication equipment
81	85	85	86	89	90	92	91	70	72	78	90	77	Manufacture of consumer electronics
305	331	297	313	311	317	323	368	356	299	300	325	324	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
289	316	282	298	296	302	307	352	340	283	284	308	306	Manufacture of measuring, testing, navigating and control equipment
													Manufacture of industrial process control equipment
15	14	15	15	14	15	15	16	16	16	17	17	17	Manufacture of watches and clocks and parts
65	66	60	61	61	59	61	56	57	55	56	57	54	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan
Table : **1.6a** : *Salaries and Wages Paid of Manufacturing Sector by Group*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024		
				Q1	Q2	Q3
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	499	527	138	129	126
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1,241	1,279	316	322	327
27101	Pembuatan motor elektrik, penjana dan transformer	489	525	128	125	137
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	751	754	188	196	190
272/ 27200	Pembuatan bateri dan akumulator	550	595	142	157	154
273	Pembuatan pendawaian dan peranti pendawaian	1,069	922	235	223	234
27310	Pembuatan kabel gentian optikal	92	96	21	24	25
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	946	791	205	189	200
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	31	35	9	9	9
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	249	289	70	66	76
275/ 27500	Pembuatan perkakasan domestik	395	349	96	82	85
279/ 27900	Pembuatan kelengkapan elektrik lain	444	512	117	125	129
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	4,451	4,418	1,130	1,053	1,077
28120 & 28130	Pembuatan alat-alat kuasa bendalir	361	254	59	58	62
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	899	894	217	205	222
28192	Pembuatan jentera pembentukan logam dan alatan mesin					
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	637	649	181	154	150
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	513 2,042	492 2,129	125 548	120 516	120 523
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1,110	1,015	261	243	248
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	401	419	106	102	105
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	2,115	2,249	525	587	563
301 (30110 & 30120)	Pembinaan kapal dan bot	312	364	90	89	90
302, 303, 304 & 309	Pembuatan lokomotif keretapi, <i>rolling stock</i> , kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	859	868	218	220	212
30910	Pembuatan motosikal	534	551	136	138	134
30920	Pembuatan basikal dan invalid carriages	106	86	22	22	23
	Industri lain	219	230	60	60	55
310	Pembuatan perabot	2,687	2,716	694	664	665
31001	Pembuatan perabot kayu dan rotan	2,192	2,212	569	542	538
	Industri lain	494	503	125	122	127
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	257	264	67	66	64
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	738	792	191	190	198
32901	Pembuatan alat tulis	148	153	37	36	40
	Industri lain	590	639	155	154	157
323/ 32300	Pembuatan barangan sukan	68	57	16	14	13
324/ 32400	Pembuatan permainan dan mainan	263	242	55	62	63
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	1,407	1,420	362	359	342
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	312	305	86	84	66
	Industri lain	1,095	1,115	276	274	276
Jumlah Pembuatan		97,789	99,268	24,823	24,500	24,474

(RM) Juta million						
2025		2024		2025		Group Description/Period
Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	
134	127	132	130	479	476	Manufacture of optical instruments, photographic equipment, magnetic and optical media
314	326	329	335	1,167	1,203	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
134	140	146	144	480	526	Manufacture of electric motors, generators and transformers
180	186	183	191	687	678	Manufacture of electricity distribution and control apparatus
141	133	151	151	551	532	Manufacture of batteries and accumulators
230	224	218	220	843	791	Manufacture of wiring and wiring devices
25	25	27	27	88	92	Manufacture of fibre optic cables
197	191	182	185	723	667	Manufacture of other electronic and electric wires and cables
8	9	9	9	32	32	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
76	83	84	93	261	327	Manufacture of electric lighting equipment
86	77	62	61	319	243	Manufacture of domestic appliances
141	142	154	160	462	568	Manufacture of other electrical equipment
1,158	1,146	1,073	1,107	4,010	4,096	Manufacture of general-purpose and special-purpose machinery
						Manufacture of fluid power equipment
75	50	50	52	226	193	
						Manufacture of other pumps, compressors, taps and valves
						Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
250	243	232	238	804	883	
						Manufacture of metal-forming machinery and machine tools
164	189	165	178	589	661	Manufacture of air-conditioning machines, including for motor vehicles
128	104	92	95	449	354	Manufacture of other special-purpose machinery n.e.c.
542	559	534	545	1,942	2,005	Other industry
264	225	219	234	916	836	Manufacture of motor vehicles
107	106	104	107	383	386	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
575	567	625	595	2,051	2,186	Manufacture of parts and accessories for motor vehicles
95	105	104	100	331	376	Building of ships and boats
218	219	217	212	795	794	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
142	144	143	141	503	527	Manufacture of motorcycles
21	20	22	20	80	74	Manufacture of bicycles and invalid carriages
55	55	52	51	212	193	Other industry
693	700	672	681	2,477	2,518	Manufacture of furniture
563	569	548	555	2,016	2,048	Manufacture of wooden and cane furniture
129	131	124	126	461	469	Other industry
66	74	71	68	240	257	Manufacture of jewellery, bijouterie and related articles
213	214	209	221	717	797	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
40	41	42	47	140	162	Manufacture of stationery
173	173	166	174	577	635	Other industry
13	14	14	13	52	50	Manufacture of sports goods
62	48	55	59	219	201	Manufacture of games and toys
357	365	363	348	1,296	1,312	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
69	70	69	55	280	236	Repair and maintenance of transport equipment except motorcycles and bicycles
288	295	294	293	1,016	1,076	Other industry
25,470	25,268	24,951	24,972	90,378	92,132	Total Manufacturing

Jadual **1.6a** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan (samb.)
Table : *Salaries and Wages Paid of Manufacturing Sector by Group (cont.)*

Kod Kumpulan Group code	Keterangan Kumpulan/Temph	2024									
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	44	45	49	44	42	44	42	41	43	43
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	109	104	103	101	110	111	112	108	108	104
27101	Pembuatan motor elektrik, penjana dan transformer	46	41	41	38	43	44	45	45	47	45
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	63	64	61	63	67	67	66	63	61	58
272/ 27200	Pembuatan bateri dan akumulator	44	50	48	50	54	53	52	51	52	50
273	Pembuatan pendawaian dan peranti pendawaian	80	78	77	68	78	77	81	78	75	79
27310	Pembuatan kabel gentian optikal	7	7	7	8	8	9	9	8	8	8
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	70	67	67	57	67	65	69	67	64	68
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	3	3	3	3	3	3	3	3	3	3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	24	23	23	20	23	23	26	26	25	24
275/ 27500	Pembuatan perkakasan domestik	32	32	32	25	29	29	28	30	27	27
279/ 27900	Pembuatan kelengkapan elektrik lain	42	37	38	40	41	44	41	43	45	45
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	386	380	365	356	349	347	355	356	366	375
28120 & 28130	Pembuatan alat-alat kuasa bendalir	20	20	19	19	20	20	20	21	21	24
28180 & 28220	Pembuatan pam, pemampat, kepala paip dan injap lain	74	75	68	67	69	69	72	72	79	80
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	74	75	68	67	69	69	72	72	79	80
28192	Pembuatan jentera pembentukan logam dan alatan mesin	58	63	61	51	51	51	51	49	50	51
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	58	63	61	51	51	51	51	49	50	51
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	58	63	61	51	51	51	51	49	50	51
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	44	41	40	41	39	40	39	40	41	42
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	190	181	177	178	170	168	173	175	175	177
291 (29101 & 29102)	Pembuatan kenderaan bermotor	90	90	81	80	82	81	80	84	84	83
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	36	36	33	34	34	34	35	35	35	35
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	172	176	176	195	197	195	188	188	187	191
301 (30110 & 30120)	Pembinaan kapal dan bot	29	28	32	29	30	30	30	30	31	31
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.	71	73	74	74	75	72	72	69	71	72
30910	Pembuatan motosikal	45	45	47	46	47	45	44	44	46	47
30920	Pembuatan basikal dan invalid carriages	7	7	7	7	7	7	9	7	7	7
30920	Pembuatan basikal dan invalid carriages	19	21	21	20	20	19	19	18	18	18
310	Pembuatan perabot	237	229	228	221	226	217	217	220	227	227
31001	Pembuatan perabot kayu dan rotan	194	188	187	180	185	177	175	178	184	183
31001	Pembuatan perabot kayu dan rotan	43	42	41	41	41	40	42	42	43	44
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	22	23	23	22	22	22	22	21	21	22
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	64	64	64	63	64	63	65	66	66	68
32901	Pembuatan alat tulis	12	12	12	12	12	12	13	14	14	13
32901	Pembuatan alat tulis	51	52	52	52	52	51	53	52	53	55
32901	Pembuatan alat tulis	51	52	52	52	52	51	53	52	53	55
323/ 32300	Pembuatan barangan sukan	5	5	5	5	5	5	5	4	4	4
324/ 32400	Pembuatan permainan dan mainan	18	18	20	21	21	21	20	21	21	20
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	120	121	121	123	120	116	114	114	114	115
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	27	30	29	30	28	27	22	22	22	21
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	93	91	92	93	92	89	92	92	91	94
Jumlah Pembuatan		8,350	8,243	8,230	8,112	8,191	8,198	8,124	8,119	8,231	8,282

2025													Group Description/Period
Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
43	48	41	42	44	43	44	45	44	42	44	44	43	Manufacture of optical instruments, photographic equipment, magnetic and optical media
98	112	112	107	107	103	113	112	114	111	110	107	107	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
44	45	47	45	48	45	50	51	49	47	48	48	48	Manufacture of electric motors, generators and transformers
54	67	64	62	59	59	63	61	64	65	62	59	59	Manufacture of electricity distribution and control apparatus
47	44	44	45	44	46	51	54	51	51	49	49	48	Manufacture of batteries and accumulators
72	79	75	74	74	68	75	75	76	74	70	67	61	Manufacture of wiring and wiring devices
8	9	8	8	9	9	9	9	9	9	9	7	7	Manufacture of fibre optic cables
61	68	65	63	63	56	63	63	64	62	58	57	52	Manufacture of other electronic and electric wires and cables
3	3	3	3	3	3	3	3	3	3	3	3	3	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
24	28	26	29	28	28	28	28	31	31	31	33	34	Manufacture of electric lighting equipment
29	30	27	25	25	21	21	20	20	21	21	21	22	Manufacture of domestic appliances
47	50	49	46	46	49	51	54	52	52	56	56	56	Manufacture of other electrical equipment
375	408	389	386	370	363	354	356	366	364	377	386	385	Manufacture of general-purpose and special-purpose machinery
23	27	17	17	17	16	17	17	16	16	19	21	20	Manufacture of fluid power equipment
79	90	86	82	76	79	77	76	77	77	84	86	84	Manufacture of other pumps, compressors, taps and valves
54	59	61	66	63	54	54	58	60	59	59	62	66	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
42	43	38	35	31	31	30	30	31	31	32	32	32	Manufacture of metal-forming machinery and machine tools
177	188	188	187	184	183	176	175	182	181	182	185	182	Manufacture of air-conditioning machines, including for motor vehicles
82	99	78	79	69	68	74	78	75	79	79	79	78	Manufacture of other special-purpose machinery n.e.c.
35	37	36	36	34	34	35	35	36	36	35	35	35	Other industry
187	198	186	190	191	212	206	207	203	196	196	200	199	Manufacture of motor vehicles
32	33	33	34	38	35	35	35	34	34	32	33	33	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
72	73	73	73	73	72	74	71	71	68	73	74	73	Manufacture of parts and accessories for motor vehicles
47	48	48	48	47	46	50	47	46	45	49	50	49	Building of ships and boats
7	7	7	7	7	7	7	7	8	6	6	6	6	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
18	18	19	18	18	18	17	17	17	17	17	17	17	Manufacture of motorcycles
227	239	238	232	230	223	228	222	223	225	233	233	231	Manufacture of bicycles and invalid carriages
184	196	194	188	186	181	187	180	181	184	190	190	187	Other industry
43	43	44	44	43	42	41	41	42	41	43	44	44	Manufacture of furniture
21	23	24	24	25	24	24	23	23	24	21	21	24	Manufacture of wooden and cane furniture
70	75	71	71	72	71	69	69	73	74	74	78	76	Other industry
13	14	14	14	14	14	14	14	15	16	16	16	16	Manufacture of jewellery, bijouterie and related articles
57	61	57	58	58	57	55	54	58	57	58	61	60	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
4	5	4	5	5	5	5	5	4	5	4	4	5	Manufacture of stationery
20	22	15	16	17	18	19	19	18	18	22	19	19	Manufacture of sports goods
119	124	120	122	122	124	121	117	116	116	116	116	120	Manufacture of games and toys
23	25	22	24	24	25	23	22	18	18	19	19	22	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
96	99	98	98	98	100	99	96	98	98	97	97	97	Repair and maintenance of transport equipment except motorcycles and bicycles
													Other industry
8,298	8,890	8,479	8,410	8,379	8,306	8,315	8,330	8,312	8,262	8,398	8,485	8,456	Total Manufacturing

Jadual **1.6b** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : *Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2024		2025					2024	2025	2024					
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei	
101	Pemprosesan dan pengawetan daging	17.9	0.2	0.01	-2.0	1.2	1.6	10.7	16.9	15.7	-0.03	14.2	-1.8	0.2	1.7	-1.9	-1.3	
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	0.5	0.03	-1.2	1.9	1.3	2.3	1.8	1.1	0.5	1.7	0.9	0.1	-1.0	-1.0	-1.2	
	10201 Pengetinan ikan, krustasea dan moluska																	
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	7.4	-2.3	-3.3	-4.2	-1.4	-0.4	3.3	4.6	5.1	-2.5	4.4	-2.3	-2.9	-4.9	-3.9	-4.3	
	Industri lain	0.3	12.4	15.0	11.7	15.9	7.7	-1.3	-8.8	-13.2	13.4	-8.1	15.0	13.3	16.7	12.1	12.6	
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	17.9	-3.8	2.8	-5.5	-4.7	-7.7	-8.0	-6.3	-0.9	-3.5	-3.6	6.4	-0.6	2.8	-3.2	-6.4	
	10303 Pengetinan nanas																	
	& 10304 Pembuatan jem, marmalad dan sajian jeli	39.3	-4.0	-4.0	-8.1	-4.1	0.9	0.7	0.8	8.8	-4.2	4.8	7.2	-8.7	-9.0	-7.4	-8.5	
	Industri lain	16.6	-3.8	3.3	-5.3	-4.7	-8.4	-8.7	-6.8	-1.6	-3.4	-4.3	6.4	-0.02	3.8	-2.9	-6.3	
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	7.9	6.9	5.7	8.7	7.1	6.2	6.4	2.1	5.0	6.9	4.7	5.3	7.0	4.7	8.1	9.5	
	10404 Pembuatan minyak sayuran mentah dan bertapis																	
	& 10406 Pembuatan sebatian lemak masakan	-0.1	2.8	-1.8	-3.0	7.9	8.7	18.8	10.0	1.2	2.2	7.7	-2.4	-2.2	-1.0	-2.2	-3.0	
	10405 Pembuatan minyak kelapa	22.9	5.8	14.9	11.0	-0.3	-0.8	8.0	13.0	16.3	6.3	13.0	12.0	12.9	19.7	9.7	12.2	
	Industri lain	8.1	7.3	5.9	9.5	7.4	6.3	5.4	1.1	4.8	7.3	4.1	5.6	7.5	4.6	8.8	10.4	
105	Pembuatan produk tenusu	5.3	8.8	9.8	6.5	10.2	8.8	7.8	7.3	5.5	8.9	6.1	22.9	-1.0	8.0	8.7	8.0	
	10502 Pembuatan susu pekat, tepung dan sejat	5.1	9.4	10.2	6.1	11.5	10.0	7.3	7.3	5.2	9.6	6.1	25.9	-2.4	8.3	8.4	8.0	
	Industri lain	7.4	3.9	6.0	9.6	0.7	-0.1	11.3	7.1	7.8	3.6	6.4	1.4	10.7	6.4	11.0	7.8	
106	Pembuatan produk bijian, kanji dan produk berkanji	3.9	-8.9	-6.1	-12.5	-9.9	-6.9	3.2	1.1	1.0	-9.6	1.8	2.7	-11.0	-10.0	-12.1	-10.0	
	10611 Pengilangan beras	3.9	-7.1	-6.20	-7.8	-8.4	-5.9	-2.3	-2.4	-2.3	-7.4	-2.3	-1.4	-8.9	-8.0	-8.9	-7.1	
	10613 Pengilangan tepung	4.4	-11.4	-5.8	-18.9	-12.4	-7.9	10.9	6.8	6.3	-12.6	8.0	9.8	-14.2	-13.6	-16.9	-14.4	
	Industri lain	-0.1	-5.1	-7.5	-2.8	-3.5	-6.6	-5.0	-8.4	-10.0	-4.8	-7.8	-12.8	-6.3	-2.3	-2.8	-2.8	
107	Pembuatan produk makanan lain	7.9	2.7	5.6	3.9	1.5	0.2	1.2	2.4	2.0	3.0	1.5	6.0	5.7	5.1	5.1	3.4	
	10711 Pembuatan biskut dan cookies	14.3	5.9	6.2	5.5	6.2	5.7	6.9	8.2	8.0	6.0	6.8	7.5	5.6	5.3	6.2	6.0	
	10712 Pembuatan roti, kek dan produk bakeri lain	6.7	3.5	4.4	4.0	2.5	3.3	2.9	1.8	-0.3	3.4	0.8	2.4	7.6	3.1	5.4	2.4	
	10713 Pembuatan produk snek	7.9	13.9	12.8	18.7	14.2	10.3	9.2	3.7	6.8	14.6	6.3	13.9	11.1	13.5	16.0	19.6	
	10721 Pembuatan gula	-11.9	9.2	10.3	10.2	3.6	12.5	3.0	10.1	15.5	8.9	7.5	3.5	9.2	18.8	12.7	7.1	
	10731 Pembuatan produk koko	4.9	-1.1	0.6	1.2	-1.7	-4.4	12.5	-1.9	-2.6	-0.6	1.0	12.7	-8.3	-2.3	-1.1	-1.2	
	10732 Pembuatan coklat dan produk coklat																	
	& 10733 Pembuatan konfeksi gula	1.0	-2.3	2.4	2.5	-6.7	-6.7	0.6	-0.6	0.3	-2.2	-0.1	5.4	0.8	1.0	4.2	2.0	
	10793 Pembuatan sos dan bahan perasa	16.3	20.8	29.2	18.2	20.0	16.7	2.6	9.0	4.1	21.6	4.3	27.1	35.3	25.9	19.7	19.8	
	10799 Pembuatan produk makanan lain t.t.t.l.	17.2	-5.3	2.7	-3.0	-10.3	-9.7	-7.9	-1.9	-2.1	-4.8	-4.3	6.2	-0.7	2.3	1.9	-4.3	
	Industri lain	4.3	-2.2	-0.3	-1.2	-1.6	-5.6	-1.2	0.3	1.5	-1.7	0.5	0.3	-0.6	-0.5	-1.0	-1.0	
108/ 10800	Pembuatan makanan haiwan tersedia	7.6	-0.3	-0.7	-2.2	0.9	0.5	-2.9	0.3	-3.1	-0.4	-1.8	10.6	-6.8	-5.3	-1.4	-4.6	
110	Pembuatan minuman ringan	7.7	7.3	6.7	7.2	7.4	7.9	8.9	6.7	7.5	7.2	7.2	6.6	6.4	7.1	7.3	6.1	
	11041 Pembuatan minuman ringan	9.4	6.9	4.2	5.0	7.7	10.4	10.6	6.1	6.5	6.4	7.3	4.1	3.8	4.7	5.2	3.3	
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1.4	2.9	7.2	3.9	2.5	-1.8	4.2	8.6	7.4	3.2	5.4	8.5	8.6	4.4	3.7	4.1	
	Industri lain	12.9	28.0	33.8	48.6	21.7	13.3	6.7	6.8	17.5	30.4	11.7	28.9	27.5	46.6	49.7	49.3	
120/ 12000	Pembuatan produk tembakau	4.8	-0.6	-3.5	-1.4	2.2	0.7	0.5	4.0	3.6	-0.7	2.8	-0.9	-5.8	-3.8	-2.6	-2.9	
131	Pemintalan, penenunan dan penyiapan tekstil	-2.5	2.9	1.5	4.7	2.4	3.1	3.9	1.1	-1.1	2.8	0.4	1.8	1.8	0.8	4.7	4.8	
	13110 Penyediaan dan pemintalan gentian tekstil																	
	& 13120 Penenunan tekstil	0.3	4.1	4.8	6.1	2.6	3.0	4.0	1.0	-1.0	4.1	0.4	5.5	6.4	2.6	7.5	5.3	
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-8.9	0.8	-5.8	1.6	3.2	4.7	4.4	1.4	-2.0	0.4	0.3	-6.6	-7.5	-3.3	-2.0	3.5	
	Industri lain	1.4	-6.0	-0.82	2.6	-10.5	-15.0	-5.0	0.3	3.7	-5.5	1.4	-0.9	-0.5	-1.1	8.1	8.2	
139	Pembuatan tekstil lain	13.1	1.0	3.0	0.2	0.8	-0.1	-0.2	1.3	3.0	1.0	2.0	3.4	2.0	3.6	-0.02	0.4	
	13910 Pembuatan fabrik dikait dan dikrusye	3.3	-3.8	0.9	-2.3	-2.8	-10.6	-8.2	-10.4	1.3	-3.2	-4.2	1.6	-4.5	5.8	-2.3	-2.4	
	Industri lain	17.5	2.8	3.8	1.2	2.2	4.1	2.6	5.7	3.7	2.6	4.2	4.1	4.5	2.8	0.9	1.5	
141	Pembuatan pakaian, kecuali pakaian berbulu	5.8	1.0	2.7	1.5	0.9	-1.2	0.7	0.7	1.4	1.2	1.1	2.2	2.8	3.2	1.9	1.5	
	14102 Pembuatan pakaian	6.3	5.3	7.1	5.5	5.5	3.1	5.8	5.5	5.4	5.5	5.6	5.3	7.3	8.7	5.9	5.4	
	Industri lain	4.8	-8.1	-6.5	-6.7	-8.5	-10.8	-11.9	-10.4	-7.9	-7.7	-9.4	-4.7	-6.6	-8.1	-6.6	-6.5	
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	-1.6	3.4	6.4	4.5	0.9	2.1	4.8	1.4	4.8	3.7	3.1	0.4	9.7	9.6	7.4	3.0	
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5.2	5.3	-0.2	4.6	8.6	7.9	11.8	9.4	8.3	5.0	9.4	-0.7	-0.8	1.0	2.4	3.0	
152	Pembuatan kasut	6.5	2.0	2.7	0.6	1.7	3.1	1.4	1.8	1.6	1.8	1.7	4.0	3.2	0.9	2.1	1.3	
	15201 Pembuatan kasut kulit																	
	& 15203 Pembuatan kasut getah	2.8	-5.3	-6.6	-7.2	-4.9	-2.2	-1.2	2.6	3.0	-5.7	1.9	-5.7	-5.3	-8.8	-7.3	-7.5	
	Industri lain	16.2	18.8	26.1	19.7	16.7	13.8	6.3	0.3	-1.1	19.5	1.3	28.9	24.6	24.8	25.5	22.7	
161/ 16100	Pengilangan dan pengetaman kayu	1.1	6.9	2.0	6.5	8.7	10.4	5.7	7.6	9.8	6.6	8.3	0.4	0.5	5.3	6.4	6.2	

2025																			Group Description/Period			
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.					
-2.9	3.0	0.2	0.4	0.9	1.1	2.8	11.3	6.1	14.7	18.0	9.2	23.7	19.1	14.6	13.6	13.3	12.9	Processing and preserving of meat				
-1.6	-1.0	3.4	3.1	1.6	1.8	0.5	2.3	1.3	3.3	3.2	2.2	0.05	0.3	0.3	2.7	1.4	2.2	Processing and preserving of fish, crustaceans and molluscs Canning of fish, crustaceans and molluscs				
-4.4	-4.8	0.2	0.3	-1.0	0.2	-0.2	1.2	2.9	5.8	5.6	5.0	3.1	4.3	4.5	6.3	4.4	5.5	Processing, curing and preserving of fish, crustacean and molluscs				
10.4	16.1	16.9	14.6	12.0	8.0	3.2	6.5	-4.8	-5.8	-6.1	-8.5	-11.6	-14.4	-14.9	-10.3	-9.0	-9.6	Other industry				
-6.8	-2.3	-4.5	-7.4	-7.4	-8.0	-7.8	-9.3	-5.6	-9.1	-8.0	-6.3	-4.5	-4.9	0.7	1.9	2.8	4.4	Processing and preserving of fruits and vegetable Pineapple canning				
-8.5	-6.0	-6.4	0.3	4.1	-0.3	-0.9	-4.7	5.3	1.6	0.0	-0.9	3.3	3.3	13.6	9.6	10.0	12.4	Manufacture of jams, marmalades and table jellies				
-6.7	-2.0	-4.4	-8.0	-8.2	-8.6	-8.2	-9.7	-6.4	-9.8	-8.6	-6.7	-5.0	-5.5	-0.2	1.3	2.3	3.7	Other industry				
8.5	8.4	7.7	5.3	4.9	6.6	7.0	6.5	6.6	6.0	1.6	1.9	2.7	2.0	7.2	6.0	6.1	5.0	Manufacture of vegetable and animal oils and fats Manufacture of crude and refined vegetable oil				
-3.9	8.9	9.5	5.5	7.9	8.9	9.3	23.6	16.2	16.5	8.8	11.1	10.3	4.4	-1.6	1.1	-1.3	-1.5	Manufacture of compound cooking fats				
11.0	2.1	-0.6	-2.3	-2.7	0.1	0.3	10.1	10.5	3.8	8.2	14.9	15.8	16.3	16.0	16.6	16.4	15.1	Manufacture of coconut oil				
9.4	8.6	8.0	5.6	5.0	6.7	7.1	5.1	5.8	5.2	0.8	0.8	1.7	1.3	7.5	5.9	6.3	5.1	Other industry				
2.9	20.6	5.7	4.9	9.3	9.1	8.1	9.5	9.3	4.4	7.2	1.7	13.1	2.4	9.6	4.7	3.2	2.9	Manufacture of dairy products				
2.0	23.0	6.0	6.2	10.8	11.2	8.3	8.3	9.0	4.6	7.2	0.8	14.1	1.5	10.5	3.9	4.2	3.7	Manufacture of condensed, powdered and evaporated milk				
10.0	3.2	4.0	-4.9	-1.3	-5.6	7.0	20.6	11.2	2.6	7.6	8.6	5.2	9.9	3.0	10.8	-4.5	-3.6	Other industry				
-15.3	-11.8	-11.0	-6.9	-10.2	-9.1	-1.5	-2.2	11.4	1.4	1.5	0.3	1.4	1.6	3.5	-2.1	1.0	2.6	Manufacture of grain mill products, starches and starch products				
-7.3	-10.5	-6.8	-7.8	-7.5	-6.7	-3.5	-4.3	-1.4	-1.2	-1.0	-3.3	-2.9	-3.0	-1.5	-2.3	-2.1	-2.1	Rice milling				
-24.7	-14.2	-16.5	-6.5	-13.7	-12.3	1.4	0.5	30.0	5.7	5.3	6.4	8.6	8.8	11.7	-0.9	5.9	9.5	Flour milling				
-3.0	-4.7	-3.0	-2.7	-6.1	-4.9	-8.6	-7.0	-3.0	-4.7	-3.4	-11.0	-11.0	-10.7	-10.5	-8.7	-7.3	-8.6	Other industry				
3.1	1.4	1.7	1.4	-0.1	1.0	-0.2	-0.1	2.0	1.8	1.7	2.4	3.1	4.6	1.5	0.1	-0.1	0.03	Manufacture of other food products				
4.4	5.2	6.5	6.8	6.7	5.5	5.0	3.9	3.8	13.3	7.0	7.2	10.4	11.2	7.8	5.2	3.5	2.1	Manufacture of biscuits and cookies				
4.2	-2.0	4.4	5.0	0.3	4.9	4.6	3.2	3.3	2.0	1.4	1.4	2.8	2.9	-1.9	-1.8	-1.3	-2.4	Manufacture of bread, cakes and other bakery products				
20.6	17.6	13.5	11.6	12.6	11.4	7.3	7.7	8.6	11.2	3.5	5.0	2.7	7.9	5.9	6.6	0.9	9.4	Manufacture of snack products				
11.1	9.9	5.1	-3.7	14.0	11.0	12.5	1.0	0.2	7.8	13.7	8.9	8.0	15.7	11.3	19.8	-5.8	5.4	Manufacture of sugar				
6.3	-4.0	-4.1	3.0	-3.2	-3.7	-6.1	9.8	18.2	10.0	3.5	-3.1	-6.6	2.6	-5.4	-4.7	-5.5	-5.5	Manufacture of cocoa products Manufacture of chocolate and chocolate products				
1.5	-1.8	-9.7	-8.3	-8.8	-8.0	-3.6	-3.2	5.9	-0.5	-0.8	-0.4	-0.7	-0.2	2.5	-1.2	-0.5	-1.8	Manufacture of sugar confectionery				
15.0	19.4	19.5	21.0	16.9	19.9	13.7	6.7	1.7	-0.2	4.7	11.3	11.1	10.0	1.4	1.5	2.4	-0.8	Manufacture of sauces and condiments				
-6.2	-10.5	-10.5	-9.9	-10.6	-8.4	-9.9	-10.6	-2.3	-10.3	-2.9	-0.8	-2.0	1.8	-0.3	-7.3	-4.9	-5.8	Manufacture of other food products n.e.c.				
-1.5	0.04	-1.3	-3.5	-4.0	-5.5	-7.3	-3.3	-1.5	1.4	0.1	-0.5	1.4	2.6	1.3	0.5	1.3	2.9	Other industry				
-0.4	-4.4	5.2	1.9	2.9	-2.0	0.8	-4.0	-3.3	-1.3	6.3	-0.1	-5.0	-2.3	-4.4	-2.6	-1.6	-1.2	Manufacture of prepared animal feeds				
8.3	8.1	8.3	6.0	6.3	8.4	9.0	8.6	8.8	9.1	6.0	6.3	7.8	8.4	8.6	5.5	6.0	4.4	Manufacture of beverages				
6.6	7.2	7.9	8.0	8.6	10.4	12.0	10.2	11.0	10.6	5.0	5.9	7.4	6.7	6.5	6.2	6.6	4.2	Manufacture of soft drinks				
4.0	4.6	5.8	-2.6	-3.2	-1.4	-0.9	3.6	3.5	5.6	8.3	8.2	9.5	12.1	10.6	-0.3	-0.4	0.1	Production of natural mineral waters and other bottled waters				
46.8	32.9	20.0	14.5	14.5	18.7	7.5	9.0	5.1	6.0	8.5	4.9	7.0	14.7	22.1	15.5	18.2	17.7	Other industry				
1.4	2.9	2.6	1.1	0.7	0.5	0.9	0.7	0.6	0.3	4.2	3.7	4.2	3.4	3.6	3.8	3.5	3.9	Manufacture of tobacco products				
4.5	4.9	1.2	1.1	3.2	2.2	3.7	3.9	3.6	4.1	2.5	0.5	0.3	0.3	-2.6	-1.2	-2.1	-4.1	Spinning, weaving and finishing of textiles Preparation and spinning of textile fibres				
5.5	4.2	1.0	2.5	3.8	1.6	3.6	3.8	4.3	3.9	0.9	1.2	1.0	1.3	-3.0	-1.2	-1.7	-4.8	Weaving of textiles				
3.3	7.7	2.9	-0.8	3.3	5.5	5.3	5.6	2.8	4.9	6.6	-1.3	-1.0	-2.2	-2.0	-1.8	-3.7	-3.5	Dyeing, bleaching, printing and finishing of yarns and fabrics				
-7.3	-4.4	-11.6	-15.8	-16.5	-16.8	-11.7	-11.8	-5.4	1.4	4.1	-1.4	-1.8	-2.3	4.5	9.9	8.8	14.0	Other industry				
0.3	0.5	0.6	1.4	-1.1	0.2	0.7	0.5	0.3	-1.4	0.6	1.8	1.3	2.4	4.0	2.8	4.3	5.0	Manufacture of other textiles				
-2.0	-2.7	-2.5	-3.3	-10.7	-11.2	-9.9	-8.5	-5.3	-10.7	-10.9	-9.9	-10.4	1.3	-2.7	5.2	4.1	3.3	Manufacture of knitted and crocheted fabrics				
1.2	1.7	1.8	3.1	2.7	4.7	4.8	3.7	2.2	2.0	5.0	6.2	5.9	2.7	6.4	1.9	4.3	5.6	Other industry				
1.1	1.4	0.6	0.6	0.2	-2.2	-1.5	-1.1	1.9	1.3	1.0	0.7	0.5	0.6	1.7	2.0	1.8	2.0	Manufacture of wearing apparel, except fur				
5.3	5.8	5.3	5.3	4.6	2.1	2.9	3.8	7.7	6.2	6.0	5.8	4.9	4.8	5.4	6.0	5.8	4.9	Manufacture of clothings				
-7.0	-7.6	-8.9	-8.9	-8.6	-11.4	-12.2	-12.9	-12.1	-10.7	-10.9	-11.0	-9.3	-9.5	-6.7	-7.4	-7.5	-5.2	Other industry				
3.1	2.2	-1.7	2.0	3.8	1.6	0.8	2.4	7.4	4.7	1.8	0.8	1.4	5.9	6.5	2.1	0.2	1.4	Manufacture of articles of fur, knitted and crocheted apparel				
8.5	7.5	8.2	9.9	6.6	9.5	7.7	10.0	14.5	10.9	10.4	10.0	7.7	10.0	7.6	7.5	7.0	8.2	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur				
-1.8	2.1	2.0	1.2	2.0	2.9	4.3	2.3	0.3	1.7	3.1	0.8	1.6	0.9	1.7	2.1	1.7	2.3	Manufacture of footwear Manufacture of leather footwear				
-6.8	-4.6	-5.0	-5.2	-4.4	-2.1	0.1	-0.1	-3.8	0.5	2.3	2.2	3.5	3.2	2.9	2.9	2.9	4.7	Manufacture of rubber footwear				
10.8	17.8	17.3	15.2	16.0	12.9	12.5	6.8	8.2	3.8	4.6	-1.6	-2.4	-3.4	-0.6	0.6	-0.4	-1.9	Other industry				
7.1	8.2	8.1	9.7	10.3	10.9	10.1	6.7	8.4	2.2	7.1	7.0	8.6	7.6	10.6	11.1	10.5	10.8	Sawmilling and planning of wood				

Jadual : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change

1.6b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024		2025							2024	2025	2024				
		2023	2024								(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
				Q1	Q2	Q3	Q4	Q1	Q2	Q3							
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	5.8	2.2	2.6	3.4	2.3	0.7	1.9	1.0	0.9	2.3	1.2	4.3	1.7	1.8	3.4	3.3
16211	Pembuatan kepingan venier dan papan lapis	3.4	4.2	3.9	6.8	5.2	1.1	0.7	-2.2	1.8	4.5	0.4	7.9	2.5	1.2	6.4	6.6
16212	Pembuatan papan partikel dan papan gentian	8.0	-4.3	6.3	-1.6	-11.0	-10.8	-13.7	-5.8	-4.6	-3.5	-7.5	5.2	5.4	8.4	-2.6	-1.1
16221	Pertukangan kayu untuk jurubina	11.6	-0.5	-6.8	-4.6	1.8	8.2	18.7	14.3	0.3	-2.0	8.9	-7.4	-7.1	-5.8	-4.8	-4.4
	Industri lain	3.6	6.1	8.6	9.1	6.5	0.6	-1.0	-1.0	3.4	7.1	1.1	9.7	8.5	7.6	12.4	8.4
170	Pembuatan kertas dan produk kertas	2.3	0.6	1.1	0.4	0.5	0.5	0.4	1.2	1.5	0.7	1.3	2.3	0.3	0.8	0.4	0.3
17010	Pembuatan pulpa, kertas dan kertas tebal	-20.6	-2.5	-5.1	4.0	-3.8	-4.1	-7.4	-2.9	1.5	-2.3	-2.3	-3.4	-9.0	-2.6	1.4	8.1
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	9.5	0.7	4.4	0.6	-1.1	-1.0	3.7	3.2	2.7	0.8	3.3	4.6	4.3	4.2	1.4	-1.5
17091	Pembuatan sampul surat dan kad surat	-1.6	7.7	2.9	2.5	14.5	10.9	6.9	4.0	-4.6	7.4	0.3	3.2	1.0	4.3	2.7	2.0
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6.0	4.6	1.1	2.8	9.3	6.0	-4.4	-0.4	1.9	4.5	-0.4	6.3	-0.9	-1.7	1.4	4.6
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	-8.1	-7.0	-10.2	-10.7	-5.1	-1.7	4.3	1.6	-2.8	-7.4	1.0	-11.5	-9.3	-9.8	-10.3	-10.6
	Industri lain	11.7	2.8	6.6	3.3	-0.1	1.8	-0.6	-0.3	1.7	3.1	0.4	6.7	7.4	5.6	3.8	4.0
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	6.3	4.8	4.9	5.9	5.0	3.5	2.4	2.7	3.6	5.0	3.4	0.1	8.9	5.8	6.3	5.2
18110	Percetakan	6.4	4.1	5.3	5.6	3.8	1.8	0.5	2.1	3.6	4.4	2.8	-0.02	9.7	6.3	6.0	4.7
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan	5.2	8.6	2.8	7.7	11.5	12.8	12.5	5.8	3.8	8.3	6.5	0.7	4.9	3.1	8.0	8.1
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	5.9	0.9	0.8	0.2	0.9	1.8	1.5	1.4	1.8	0.9	1.6	0.1	1.8	0.6	0.4	-1.1
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	0.5	-5.9	-10.7	-9.3	-2.9	0.0	4.2	4.3	0.1	-6.5	2.2	-7.7	-10.6	-13.8	-10.1	-8.2
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	21.3	-7.9	-6.2	-8.8	-5.4	-11.1	24.6	30.9	5.5	-7.9	17.7	9.9	-10.5	-14.9	-9.1	-8.7
20112 & 20113	Pembuatan kimia organik asas	-2.5	-18.0	-23.6	-20.0	-17.4	-10.0	0.8	2.6	4.3	-18.8	2.1	-23.0	-22.6	-25.1	-19.1	-19.1
20121 & 20129	Pembuatan sebatian bukan organik	-7.6	-8.0	-10.7	-13.6	-1.0	-5.8	-2.4	9.9	5.3	-7.9	5.1	-13.4	-10.9	-7.8	-13.2	-13.5
20131	Pembuatan baja	3.5	19.3	14.6	12.2	24.2	26.5	3.5	-2.9	-8.8	18.5	-4.0	22.1	15.5	7.2	7.8	13.1
	Pembuatan produk campuran nitrogen	-9.0	-7.0	-13.5	-3.3	-1.3	-8.5	6.3	2.0	6.0	-7.0	6.7	-12.5	-13.5	-14.5	-2.4	-4.3
	Pembuatan plastik dalam bentuk primer																
	Industri lain																
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	3.2	3.8	6.2	4.3	2.1	2.4	-1.4	-4.9	-7.6	3.9	-5.1	2.7	6.6	9.3	7.3	2.1
20210	Pembuatan racun perosak dan produk agrokimia lain	17.4	18.1	16.8	11.2	20.6	24.2	33.2	31.2	27.4	17.7	27.6	20.1	20.7	11.0	11.0	11.3
20221	Pembuatan cat, varnis dan penyadur dan mastik	16.1	7.0	12.4	12.8	3.5	-0.3	-4.2	-6.8	-3.6	7.5	-3.3	9.5	13.7	13.9	13.4	10.5
20222	Pembuatan dakwat cetak	-10.3	-18.9	-14.9	-18.0	-23.5	-19.5	-8.7	-7.5	-3.4	-19.5	-6.1	-15.7	-11.0	-17.9	-10.1	-23.9
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilap	6.2	-1.7	-2.5	-2.1	-2.6	0.4	-4.9	-10.9	-12.9	-1.9	-9.9	-5.8	-5.1	3.3	-3.9	-1.4
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	-4.8	9.3	16.3	12.1	6.6	3.1	-7.3	-13.0	-19.1	10.1	-14.0	8.7	18.8	22.5	21.7	6.8
20292 & 20299	Pembuatan dakwat menulis dan melukis																
	Pembuatan produk kimia lain t.t.t.l.																
	Industri lain	-12.7	-19.0	-31.7	-30.4	-9.7	5.2	5.1	8.0	3.8	-20.5	5.0	-32.4	-33.2	-29.1	-29.9	-31.3
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	1.9	0.9	1.4	0.6	0.3	1.3	0.9	2.8	4.5	0.8	3.3	1.4	0.8	1.9	0.7	0.3
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-0.9	-1.0	-1.7	-1.1	-0.5	-0.6	-4.3	-3.1	-1.5	-0.8	-2.3	-1.1	-2.1	-2.0	-2.1	-1.0
	Industri lain	13.1	7.4	13.1	6.6	3.1	7.8	18.0	22.3	23.1	6.5	21.4	11.2	11.6	16.6	11.4	5.0
221	Pembuatan produk getah	-1.4	-0.6	1.9	-1.6	-2.6	0.3	2.2	0.5	1.2	-0.6	1.5	5.2	0.9	-0.3	-2.0	-1.8
22111	Pembuatan tayar getah untuk kenderaan	25.7	-24.9	-10.2	-27.7	-30.7	-30.1	-19.7	-12.3	-4.6	-24.5	-11.6	-1.5	-13.7	-16.2	-31.4	-29.1
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	27.3	22.0	26.6	25.1	20.9	16.4	17.9	-3.4	-2.0	22.5	2.8	32.1	23.9	24.4	26.9	24.4
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	4.4	7.4	5.8	5.7	6.8	10.9	22.5	13.5	17.5	6.9	18.2	12.1	0.5	4.9	1.5	6.7
22192	Pengilangan semula getah dan prosesan susu getah																
22192	Pembuatan sarung tangan getah	-8.6	3.9	5.8	2.6	1.8	5.6	2.9	1.1	-0.4	3.9	0.9	7.9	5.0	4.7	5.0	1.1
22199	Pembuatan produk getah lain yang t.t.t.l.	-4.0	-9.5	-8.3	-8.5	-11.4	-9.7	-14.0	-10.3	-11.1	-9.8	-11.1	-7.7	-3.5	-13.4	-8.8	-5.3
222	Pembuatan produk plastik	2.7	2.3	0.7	1.6	3.6	3.3	1.3	-0.1	1.7	2.2	1.4	0.9	1.6	-0.4	0.8	2.1
22201 & 22202	Pembuatan produk plastik separa siap	0.9	-8.6	-9.6	-9.8	-9.5	-5.4	1.1	5.2	10.6	-9.0	6.5	-9.9	-10.1	-8.8	-10.6	-9.0
22202	Pembuatan produk plastik siap																
22203	Pembuatan artikel plastik untuk pembungkusan barangan	19.5	3.9	-4.1	-3.7	8.8	16.3	15.3	15.4	13.4	3.1	14.9	-0.7	0.2	-10.5	-3.5	-3.4
22204	Pembuatan barangan plastik jurubina	17.5	-0.2	6.7	-7.9	-2.2	3.6	3.0	8.3	3.1	-0.3	3.1	12.5	3.4	4.5	-0.8	-13.9
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-2.3	9.4	2.2	5.3	11.1	19.1	-5.9	-8.9	-8.9	8.2	-8.2	1.3	1.7	3.5	3.7	5.9
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-6.8	11.6	17.8	20.7	11.5	-1.1	-8.2	-16.2	-13.7	13.0	-12.5	15.6	18.4	19.5	18.8	21.7
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	3.6	2.5	0.1	6.5	3.6	0.0	-4.4	-6.3	-6.1	3.0	-5.4	-5.5	0.05	6.3	8.3	5.4

2025																		Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
3.4	4.0	1.6	1.3	0.4	0.3	1.2	1.3	1.7	2.7	2.0	0.9	0.1	0.9	1.3	0.5	1.0	1.3	Manufacture of products of wood, cork, straw and plaiting materials
7.5	6.5	4.6	4.5	1.6	1.1	0.5	0.7	-0.2	1.8	-2.6	-2.1	-1.9	1.0	3.3	1.0	1.7	2.0	Manufacture of veneer sheets and plywood
-0.9	-8.5	-14.3	-10.0	-9.5	-10.5	-12.4	-13.4	-13.2	-14.5	-5.4	-6.2	-5.7	-4.2	-4.9	-4.6	-3.0	-4.2	Manufacture of particle board and fibreboard
-4.6	4.0	1.4	-0.1	3.6	3.6	17.6	17.9	19.3	19.0	17.9	16.8	8.2	1.1	0.4	-0.9	-0.8	1.1	Manufacture of builders' carpentry
6.5	8.0	7.6	4.1	1.8	4.1	-3.7	-3.6	-0.6	1.3	1.3	-4.6	0.1	4.2	1.1	4.7	4.8	4.2	Other industry
0.6	1.0	0.4	0.1	0.5	0.7	0.4	0.3	0.5	0.3	1.5	1.3	0.9	1.2	0.9	2.3	2.7	2.2	Manufacture of paper and paper products
2.8	-2.8	-5.0	-3.6	-3.8	-4.5	-3.9	-7.1	-5.0	-10.2	-5.7	-2.9	0.1	1.3	1.4	1.8	1.5	1.4	Manufacture of pulp, paper and paperboard
1.9	-2.8	0.3	-0.8	-1.0	-1.2	-0.9	3.1	3.0	4.8	4.0	5.0	0.8	1.7	1.8	4.6	4.5	3.2	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
2.8	6.7	22.7	14.2	13.0	9.4	10.3	8.2	9.0	3.5	3.3	4.1	4.6	3.4	-9.2	-7.0	-7.9	-5.0	Manufacture of envelopes and letter-card
2.3	19.2	4.5	4.9	6.0	5.9	6.1	-3.8	-3.3	-6.2	-0.8	-2.0	1.6	1.5	1.7	2.5	2.3	3.6	Manufacture of household and personal hygiene paper
-11.2	-6.5	-6.9	-1.8	-2.7	-0.9	-1.5	4.0	4.6	4.4	3.4	3.5	-2.1	-2.7	-2.6	-3.1	1.1	1.3	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
2.2	-0.6	2.1	-1.7	1.8	3.9	-0.04	-1.1	-1.7	1.0	1.1	-4.1	2.0	2.1	1.4	1.5	1.7	0.1	Other industry
6.3	7.1	4.8	2.9	3.6	4.4	2.5	2.4	2.6	2.3	2.5	2.9	2.6	2.3	2.9	5.7	5.9	5.7	Printing, service activities related to printing and reproduction of recorded media
6.2	6.6	3.5	1.3	2.0	2.6	0.9	0.5	0.7	0.4	1.2	2.7	2.3	2.0	2.9	6.0	6.3	6.5	Printing
7.0	10.3	12.2	11.9	12.4	14.2	11.9	12.1	12.5	13.1	9.9	3.8	4.1	4.3	3.1	4.1	3.8	1.7	Service activities related to printing
																		Reproduction of recorded media
1.2	1.9	0.5	0.2	1.1	2.6	1.7	1.8	1.5	1.2	1.8	1.5	0.9	1.1	1.9	2.3	2.2	1.5	Manufacture of refined petroleum products
-9.5	-7.1	-0.6	-0.9	-1.5	0.6	0.7	-0.5	7.3	5.9	6.0	5.2	1.9	2.6	-1.5	-0.6	-0.1	-1.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
-8.4	-6.9	-9.7	0.2	-13.6	-12.1	-7.7	14.7	20.6	38.5	32.6	34.8	25.4	9.8	11.4	-3.5	9.5	7.1	Manufacture of liquefied or compressed inorganic industrial or medical gases
																		Manufacture of basic organic chemicals
-21.9	-22.0	-14.4	-15.4	-11.5	-8.9	-9.7	-5.3	5.9	1.8	2.3	4.3	1.2	6.2	2.2	4.5	1.3	-0.5	Manufacture of inorganic compounds
																		Manufacture of fertilizers
-14.1	-7.6	6.6	-1.9	-3.8	-4.5	-9.2	-7.6	0.6	-0.2	4.4	14.1	11.3	14.6	-4.6	7.2	9.3	9.2	Manufacture of associated nitrogen products
15.8	20.0	26.9	25.8	25.0	26.3	28.1	3.2	6.1	1.3	4.7	-5.7	-7.5	-7.6	-10.1	-8.7	-9.0	-8.9	Manufacture of plastics in primary forms
-3.4	3.8	-1.8	-5.5	-14.9	-3.2	-7.2	-3.8	8.3	16.1	-5.1	7.0	5.6	3.7	6.5	7.8	19.3	13.6	Other industry
3.6	2.0	2.2	2.0	2.5	2.2	2.6	2.5	-3.5	-2.9	-4.4	-4.6	-5.8	-5.8	-9.6	-7.4	-7.8	-7.0	Manufacture of other chemical products and man-made fibres
11.4	11.0	31.3	21.0	25.2	24.4	23.1	38.5	30.5	30.9	30.4	31.9	31.2	30.1	25.0	27.1	14.9	15.8	Manufacture of pesticides and other agrochemical products
14.4	14.2	0.3	-3.3	-4.3	1.8	1.7	2.7	-10.9	-3.2	-2.5	-9.1	-9.0	-5.4	-5.6	0.5	6.6	2.0	Manufacture of paints, varnishes and similar coatings ink and mastics
-20.0	-22.9	-25.1	-22.4	-23.4	-22.9	-12.2	-6.4	-11.3	-8.1	-8.7	-6.7	-6.8	-5.6	-2.1	-2.3	-3.2	-3.7	Manufacture of printing ink
																		Manufacture of soap and detergents, cleaning and polishing preparations
-0.8	-3.1	-3.4	-1.2	2.0	-1.1	0.3	0.8	-9.6	-5.3	-10.2	-9.7	-12.8	-12.2	-14.1	-12.4	-13.6	-10.5	Manufacture of perfumes and toilet preparations
																		Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
7.5	6.0	6.8	7.1	4.0	3.6	1.8	-6.1	-3.4	-12.3	-12.6	-13.0	-13.3	-14.2	-22.4	-20.6	-19.1	-17.9	Manufacture of writing and drawing ink
																		Manufacture of other chemical products n.e.c.
-29.9	-28.2	-1.5	8.5	8.2	4.4	3.0	5.8	-0.3	10.3	9.3	6.0	8.7	2.0	2.2	7.0	5.0	0.1	Other industry
0.9	0.3	0.5	0.2	0.5	1.6	1.9	1.4	0.8	0.5	1.8	3.4	3.1	3.4	4.6	5.6	6.1	5.3	Manufacture of pharmaceuticals, medicinal chemical and botanical products
0.1	-0.4	-0.3	-0.9	0.5	0.1	-2.1	-4.8	-3.4	-4.7	-4.4	-2.5	-2.3	-2.4	-2.1	-0.03	0.5	0.1	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
3.5	2.2	3.2	3.8	0.5	6.4	17.0	22.8	14.5	16.7	22.5	22.9	21.4	21.6	25.2	22.4	23.8	20.9	Other industry
-1.0	-4.4	-3.8	0.4	0.7	0.1	0.2	3.8	1.5	1.3	0.8	0.2	0.5	1.0	-0.7	3.2	3.1	2.0	Manufacture of rubber products
-22.6	-30.8	-30.3	-31.1	-31.5	-29.4	-29.4	-18.3	-19.6	-21.6	-18.2	-9.2	-9.7	-2.8	-1.1	-10.1	-5.3	-7.8	Manufacture of rubber tyres for vehicles
24.2	25.1	19.9	17.9	17.2	15.1	16.8	30.1	23.5	3.1	0.0	-2.3	-8.0	-2.4	-1.9	-1.7	0.3	-1.4	Manufacture of interchangeable tyre treads and retreading rubber tyres
																		Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
9.2	6.5	5.7	8.2	10.3	10.1	12.3	23.3	25.1	19.4	15.1	13.0	12.5	15.8	15.4	21.0	19.3	20.9	Rubber remilling and latex processing
2.0	-2.1	-0.3	8.1	8.0	5.5	3.2	5.2	1.7	1.9	1.7	1.0	0.6	0.8	-3.5	1.6	0.9	-0.9	Manufacture of rubber gloves
-11.5	-10.7	-10.8	-12.8	-13.2	-10.1	-5.5	-14.0	-17.0	-11.0	-10.0	-13.1	-7.6	-14.6	-11.4	-7.0	-6.8	-8.9	Manufacture of other rubber products n.e.c.
2.0	4.5	3.9	2.5	3.1	3.7	3.2	1.1	1.8	1.1	0.4	0.2	-0.9	0.6	0.9	3.4	4.2	2.2	Manufacture of plastics products
																		Manufacture of semi-manufactures of plastic products
-9.7	-9.8	-9.6	-9.1	-6.3	-6.2	-3.8	-1.5	0.4	4.9	5.0	4.0	6.6	10.4	7.7	13.6	9.7	11.5	Manufacture of finished plastic products
-4.3	0.6	13.4	13.7	17.6	17.7	13.8	15.5	14.9	15.5	14.6	15.1	16.6	13.8	13.8	12.6	18.8	12.6	Manufacture of plastic articles for the packing of goods
-8.5	-4.7	-5.0	3.3	4.8	5.9	0.4	-0.05	1.0	7.8	5.4	10.4	9.3	9.6	5.5	-5.8	-5.4	-3.6	Manufacture of builders' plastics ware
6.4	10.0	11.7	11.5	12.7	22.4	22.5	-7.7	-3.9	-5.9	-8.4	-8.1	-10.3	-10.4	-9.8	-6.4	-8.5	-10.4	Manufacture of plastic tableware, kitchenware and toilet articles
21.8	23.4	8.8	3.5	-0.6	-0.8	-1.8	-6.1	-5.5	-13.0	-14.1	-14.6	-19.9	-16.2	-13.7	-10.9	-10.3	-12.2	Manufacture of diverse plastic products n.e.c.
5.8	5.1	4.5	1.3	0.4	1.8	-2.2	-3.2	-3.6	-6.3	-5.0	-6.5	-7.2	-7.4	-5.5	-5.4	-4.4	-4.2	Manufacture of glass and glass products

Jadual : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
Table : Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change

1.6b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh		2024				2025				2024		2025		2024				
			2023	2024									(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
					Q1	Q2	Q3	Q4	Q1	Q2	Q3								
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.		2.2	3.6	6.3	3.9	2.2	2.3	4.3	4.9	2.5	3.8	3.6	5.9	6.9	6.1	6.1	3.0	
	23911 & 23921	Pembuatan mortar refraktori dan konkrit Pembuatan seramik bukan refraktori	2.9	8.4	17.7	7.8	3.4	5.8	-0.2	-2.9	-1.9	8.5	-2.1	15.0	19.8	18.2	13.5	7.1	
	23930	Pembuatan produk porselin dan seramik lain	-14.1	3.2	-9.0	1.9	10.0	9.7	17.6	16.2	5.5	2.5	11.2	-24.3	0.7	1.5	0.5	2.4	
	23941	Pembuatan simen hidrolik	5.6	-16.5	-8.0	-18.4	-18.7	-21.0	-14.7	-18.8	-18.6	-16.0	-17.8	1.7	-13.3	-13.2	-16.7	-19.1	
	23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	-3.8	8.4	7.8	9.0	6.6	10.3	15.9	20.2	21.7	8.1	20.9	6.2	6.1	11.1	11.1	7.9	
	23952 & 23953	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	5.1	2.2	5.6	2.6	1.0	-0.2	-0.4	-3.4	-8.3	2.6	-5.4	5.9	6.5	4.5	3.7	2.1	
	23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.																	
	23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.8	8.0	11.2	9.1	6.8	5.2	7.9	16.7	15.7	8.4	13.5	13.5	13.3	7.0	13.6	6.2	
		Industri lain	-1.9	4.4	6.2	5.8	3.1	2.6	4.8	3.6	-2.1	4.5	0.9	4.3	7.3	7.0	7.7	7.4	
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas		1.2	-0.04	-0.1	-0.8	0.3	0.5	-1.2	1.0	1.4	-0.1	0.5	2.2	-2.3	-0.4	0.1	-2.0	
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain		5.1	8.4	4.2	10.4	11.4	7.9	5.7	2.6	2.1	8.3	3.2	3.3	4.1	5.3	11.2	10.1	
243	Pengacuan logam		-4.3	-0.6	0.7	-1.4	1.5	-3.1	-2.3	3.9	10.7	-0.2	5.6	-1.1	5.3	-2.0	2.8	-3.0	
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru		4.8	4.2	6.7	2.5	4.8	2.8	2.3	5.1	4.4	4.6	3.6	9.8	6.2	4.2	1.6	2.8	
	25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam Pembuatan produk struktur logam lain	5.9	-3.0	-2.6	-5.3	-3.2	-1.0	-0.2	-3.8	-2.3	-3.1	-3.0	3.7	-5.8	-5.7	-6.4	-5.3	
	25120	Pembuatan tangki, takungan dan kontena daripada logam	3.5	16.4	22.1	15.3	17.7	10.9	6.0	15.3	11.1	17.7	10.9	22.6	22.7	20.9	14.3	16.0	
		Industri lain	4.0	-2.0	1.8	-1.6	-0.2	-7.7	-0.8	6.6	8.6	-1.5	5.3	-2.2	8.7	-1.0	-1.7	-1.6	
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam		5.8	8.0	7.5	11.4	8.8	4.6	4.9	3.0	3.3	8.4	3.8	8.0	6.3	8.0	11.9	11.0	
	25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	6.4	3.9	6.2	7.0	8.2	13.6	15.3	13.2	6.2	13.7	2.8	2.9	6.0	6.3	6.4	
	25920	Rawatan dan penyalutan logam; menggunakan mesin	-4.8	2.3	1.1	3.8	-0.6	4.7	-1.1	-5.3	-1.0	2.6	-3.9	-0.6	-0.1	4.1	5.6	6.0	
	25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	16.8	13.5	16.2	20.5	13.2	5.9	8.1	-0.7	3.4	14.1	4.2	16.0	17.2	15.4	20.1	20.8	
	25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam Pembuatan bolt, skru, nat dan produk uliran seumpamanya	10.2	11.7	17.3	16.7	12.9	0.7	-1.4	-2.3	-2.4	12.9	-0.9	18.1	16.0	17.9	19.4	13.4	
	25994	Pembuatan barangan rumah daripada logam	0.3	7.1	9.9	10.4	4.5	3.9	5.4	9.8	1.6	7.6	3.0	8.5	12.4	8.8	8.4	12.7	
	25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	5.7	6.5	-0.6	11.6	9.2	6.6	7.4	5.5	5.0	6.4	5.7	-1.2	-1.1	0.4	11.3	11.9	
		Industri lain	13.4	-0.01	2.4	-4.1	1.8	-0.1	3.4	7.2	0.9	0.1	2.6	27.8	-8.2	-8.1	-7.9	-3.8	
261	Pembuatan komponen dan papan elektronik		0.4	-7.4	-7.5	-8.6	-6.7	-7.0	-6.5	-4.6	0.02	-7.4	-2.6	-4.7	-8.6	-9.0	-10.5	-8.3	
	26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya Pembuatan litar elektronik bersepadu dengan pemasangan mikro	0.6	-4.4	-5.0	-7.3	-3.4	-1.7	-2.6	0.2	1.9	-4.6	1.2	-3.2	-4.8	-7.0	-9.0	-7.6	
	26103 & 26104	Pembuatan kapasitor dan perintang elektrik Pembuatan papan litar bercetak	0.3	-14.6	-13.3	-12.1	-15.2	-17.9	-14.3	-14.9	-5.0	-14.1	-11.4	-8.8	-16.7	-14.3	-14.8	-10.4	
	26105	Pembuatan komponen paparan																	
	26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.9	0.04	2.0	-0.4	3.0	-4.4	-9.6	-4.4	2.3	0.4	-2.5	5.5	-0.1	0.7	0.4	-0.1	
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti		3.1	12.4	5.1	5.8	18.1	19.7	18.6	19.5	7.5	11.7	12.1	6.6	2.9	5.8	2.5	0.8	
263/ 26300	Pembuatan peralatan komunikasi		-0.7	1.9	-6.1	1.9	6.9	5.8	12.6	2.3	-4.5	1.5	0.6	-9.5	-3.0	-5.6	-3.6	6.7	
264/ 26400	Pembuatan peralatan elektronik pengguna		-0.2	-24.7	-5.5	-20.1	-40.8	-30.9	-16.5	9.9	10.4	-24.3	-0.2	5.7	-2.9	-19.0	-18.3	-17.2	
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam		21.3	20.8	26.5	26.5	14.5	17.2	15.7	5.5	6.3	21.1	8.3	22.9	27.8	28.6	25.2	23.2	
	26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan Pembuatan kelengkapan kawalan proses perindustrian	22.4	22.2	28.5	27.7	15.8	18.6	17.2	5.9	6.5	22.5	8.8	25.0	29.7	30.4	26.8	24.1	
	26520	Pembuatan jam tangan dan jam dan bahagiannya	6.8	-0.4	2.4	6.2	-4.4	-5.2	-8.5	-2.8	4.3	0.2	0.6	-0.4	3.8	4.0	1.6	8.8	
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik		-1.2	7.6	2.5	-1.8	16.8	14.7	-7.9	-7.6	-14.3	7.7	-11.1	1.7	1.2	4.8	-4.8	3.7	

2025																		Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
2.6	3.2	2.8	0.7	2.7	2.1	2.0	3.3	4.2	5.3	5.2	5.0	4.6	3.3	2.3	1.9	2.1	2.2	Manufacture of non-metallic mineral products
																		Manufacture of refractory mortars and concretes
3.1	3.0	3.3	3.8	2.8	6.5	8.0	-0.9	-0.7	1.0	-3.0	-3.5	-2.3	2.0	-3.2	-4.3	-3.9	-4.8	Manufacture of non-refractory ceramic
2.9	7.1	11.0	11.8	11.1	7.9	10.2	17.9	17.0	18.0	16.5	17.3	14.8	12.9	1.7	2.2	2.0	7.8	Manufacture of other porcelain and ceramic products
-19.2	-10.9	-21.5	-23.8	-19.6	-20.8	-22.5	-19.9	-10.5	-12.5	-11.5	-22.8	-21.8	-18.8	-17.5	-19.5	-21.4	-19.9	Manufacture of hydraulic cement
8.1	7.7	6.6	5.5	9.2	9.4	12.3	16.6	17.1	14.0	16.8	21.0	22.7	19.9	20.7	24.4	28.8	27.5	Manufacture of ready-mix and dry-mix concrete and mortars
																		Manufacture of precast concrete, cement or artificial stone articles for use in construction
2.2	0.9	2.7	-0.6	2.5	-1.2	-1.8	0.2	-0.3	-1.0	-1.4	-2.9	-6.0	-7.0	-9.1	-8.8	-11.7	-10.2	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
																		Manufacture of other articles of concrete, cement and plaster n.e.c.
8.0	7.9	8.4	4.3	4.7	7.2	3.8	2.7	3.1	18.2	17.7	15.7	16.7	16.5	17.2	13.3	15.1	13.0	Manufacture of other non-metallic mineral products n.e.c.
2.2	6.2	1.6	1.7	0.7	3.6	3.6	7.1	6.3	1.0	0.6	5.2	5.4	0.2	-0.7	-5.7	-4.3	-5.0	Other industry
-0.5	-0.3	0.1	1.1	0.0	1.1	0.4	-3.9	0.6	-0.1	0.7	0.3	1.9	2.7	0.2	1.2	1.8	0.7	Manufacture of basic iron and steel
10.0	11.6	11.1	11.4	7.5	6.9	9.4	9.0	5.7	2.3	4.7	1.5	1.5	1.6	2.8	1.9	1.8	1.8	Manufacture of basic precious and other non-ferrous metals
-4.2	2.4	2.2	-0.1	-1.1	-2.6	-5.4	-1.6	-7.1	2.0	-1.6	6.7	7.1	7.8	11.9	12.3	11.8	15.1	Casting of metals
3.2	4.5	6.0	4.0	5.0	3.3	0.2	2.2	2.6	1.9	6.4	4.8	4.0	4.3	5.8	3.2	3.5	0.6	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
																		Manufacture of metal doors, windows and their frames, shutters and gates
-4.2	-4.6	-1.1	-3.7	0.2	-1.0	-2.0	1.3	1.4	-3.3	-2.0	-4.6	-4.8	-5.1	-2.0	0.3	-6.6	-7.8	Manufacture of other structural metal products
15.6	18.8	17.2	17.2	16.1	12.8	4.9	3.3	6.3	8.4	16.1	16.1	13.8	14.3	13.9	5.3	14.2	8.8	Manufacture of tanks, reservoirs and containers of metal
-1.7	0.4	2.9	-4.1	-8.1	-7.9	-7.1	2.6	-5.6	0.9	7.6	4.8	7.5	7.9	10.2	7.6	8.4	7.8	Other industry
11.3	9.7	9.1	7.6	5.3	4.4	4.1	5.1	5.0	4.5	3.8	2.6	2.6	3.3	3.3	3.3	3.7	4.4	Manufacture of other fabricated metal products; metal working service activities
6.0	6.0	7.4	7.6	8.4	8.9	7.3	11.6	13.4	15.8	15.3	15.6	14.9	15.1	14.4	10.4	12.1	12.3	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-0.1	-0.3	-0.7	-0.9	11.7	4.5	-0.9	-0.7	-1.4	-1.1	-6.4	-6.6	-2.8	-1.7	-2.2	1.1	-10.3	-10.4	Treatment and coating of metals; machining
20.7	23.8	11.5	5.6	5.9	3.1	8.6	8.6	6.7	9.2	-0.3	-1.4	-0.6	-0.1	-0.9	11.1	6.8	6.3	Manufacture of tins and cans for food products, collapsible tubes and boxes
																		Manufacture of metal cable, plaited bands and similar articles
17.4	12.7	14.4	11.5	1.7	0.5	0.1	0.8	-0.6	-4.2	0.8	-3.8	-3.9	-3.1	-2.5	-1.6	3.7	5.1	Manufacture of bolts, screws, nuts and similar threaded products
10.2	4.9	4.1	4.3	5.9	4.6	1.2	7.6	5.0	3.7	10.3	8.7	10.4	5.2	5.1	-5.6	-6.7	-10.2	Manufacture of metal household articles
11.6	8.6	9.5	9.6	4.9	7.7	7.3	7.3	7.8	7.2	5.7	5.9	5.1	6.5	6.3	2.4	4.1	4.7	Manufacture of any other fabricated metal products n.e.c.
-0.4	1.7	1.7	1.8	1.5	-0.8	-1.0	-1.6	6.4	6.1	5.8	9.7	6.1	2.9	3.7	-3.4	-3.1	-1.1	Other industry
-7.0	-6.6	-6.6	-6.8	-7.2	-6.2	-7.6	-7.0	-7.0	-5.4	-2.4	-6.5	-5.0	0.8	-0.6	-0.1	2.6	2.9	Manufacture of electronic components and boards
-5.3	-4.1	-2.9	-3.1	-2.9	-0.6	-1.7	-1.2	-3.2	-3.3	4.3	-2.5	-1.1	2.2	-0.5	4.0	7.5	7.9	Manufacture of diodes, transistors and similar semiconductor devices
																		Manufacture of electronic integrated circuits micro assemblies
																		Manufacture of electrical capacitors and resistors
-11.3	-14.4	-16.4	-14.7	-16.4	-17.4	-19.7	-17.7	-14.9	-10.0	-16.5	-14.7	-13.4	-1.1	-2.6	-10.8	-9.5	-9.4	Manufacture of printed circuit boards
																		Manufacture of display components
-1.6	7.7	6.9	-5.4	-5.2	-3.6	-4.2	-15.2	-7.7	-5.8	-7.1	-2.9	-3.3	-8.5	10.0	7.1	5.1	6.9	Manufacture of other components for electronic applications
14.8	15.6	18.2	20.5	21.0	18.7	19.5	18.8	18.2	18.7	13.3	24.8	20.2	10.0	9.7	3.1	1.4	1.2	Manufacture of computers and peripheral equipment
2.9	14.1	0.7	6.4	6.2	5.6	5.9	15.1	10.5	12.3	13.6	8.0	-13.8	-0.2	-5.4	-8.0	-6.1	-16.8	Manufacture of communication equipment
-24.8	-40.8	-40.6	-41.0	-32.2	-32.3	-28.1	-28.4	-15.2	-2.2	9.5	6.9	13.6	13.4	8.6	9.6	10.2	-5.9	Manufacture of consumer electronics
30.6	28.5	8.7	6.5	16.8	16.4	18.1	21.0	17.8	9.1	9.4	3.6	3.9	6.3	6.0	6.8	6.2	6.2	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
																		Manufacture of measuring, testing, navigating and control equipment
31.8	30.7	9.6	7.3	18.3	17.6	19.6	22.9	19.5	10.3	10.1	4.1	4.0	6.6	6.1	6.7	5.8	5.8	Manufacture of industrial process control equipment
8.3	-3.9	-4.6	-4.6	-6.1	-2.4	-7.2	-6.6	-8.1	-10.9	-2.6	-5.7	0.04	0.7	4.2	8.2	15.1	13.7	Manufacture of watches and clocks and parts
-4.2	16.0	14.5	20.0	19.6	19.9	5.9	-6.1	-8.5	-9.0	-8.0	-7.7	-7.0	-13.9	-13.5	-15.6	-14.1	-17.8	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan
 Table : **1.6b** : *Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025				2024		2025		2024		2025		
		2023	2024									(Jan. - Nov.)	(Jan. - Nov.)	Jan.	Feb.	Mac	Apr.	Mei
				Q1	Q2	Q3	Q4	Q1	Q2	Q3								
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	-0.1	5.6	10.7	6.2	3.1	2.6	-7.6	2.1	2.7	5.6	-0.6	7.4	13.9	10.9	8.5	5.5	
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-0.4	3.1	-1.9	7.4	5.9	1.5	3.0	2.1	2.2	3.4	3.1	-2.2	0.1	-3.7	4.4	8.1	
27101	Pembuatan motor elektrik, penjana dan transformer	3.2	7.3	10.8	5.9	9.2	3.7	9.1	16.5	4.8	7.7	9.5	8.9	9.8	14.0	1.8	8.3	
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-2.7	0.4	-9.1	8.4	3.6	-0.1	-1.1	-7.1	0.4	0.6	-1.4	-8.9	-5.3	-12.9	6.2	8.0	
272/ 27200	Pembuatan bateri dan akumulator	14.2	8.3	5.7	19.6	9.7	-1.2	-6.4	-4.1	-2.0	9.7	-3.5	1.7	8.0	7.1	18.0	16.5	
273	Pembuatan pendawaian dan peranti pendawaian	-5.6	-13.8	-15.8	-17.2	-14.4	-7.0	-4.6	-2.0	-6.0	-14.9	-6.2	-15.9	-17.7	-13.6	-19.2	-13.0	
27310	Pembuatan kabel gentian optikal	10.4	4.5	3.8	4.4	3.4	6.4	15.8	12.3	6.1	4.1	5.2	4.1	3.1	4.2	7.2	-0.03	
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.4	-16.4	-18.2	-20.4	-17.1	-9.0	-6.9	-3.8	-7.8	-17.6	-7.8	-18.3	-20.4	-15.8	-23.1	-15.1	
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-20.1	12.0	10.8	15.9	11.5	9.7	-0.4	-1.7	-0.4	12.1	0.0	8.7	15.5	8.1	28.6	9.4	
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	0.6	15.9	14.3	22.7	16.2	11.7	19.6	25.7	21.7	16.7	25.3	8.3	8.5	28.5	20.7	25.3	
275/ 27500	Pembuatan perkakasan domestik	-9.3	-11.7	1.9	-16.5	-19.7	-11.5	-19.3	-24.0	-28.0	-12.1	-23.6	3.8	-0.7	2.7	-2.1	-21.6	
279/ 27900	Pembuatan kelengkapan elektrik lain	12.4	15.4	0.3	20.4	20.8	20.9	21.6	23.2	23.7	15.0	22.9	3.9	-5.8	2.8	20.5	19.7	
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	0.6	-0.7	-1.5	-2.5	-0.7	1.6	1.4	1.9	2.8	-1.0	2.2	-1.7	-1.3	-1.6	-1.7	-3.0	
28120	Pembuatan alat-alat kuasa bendalir																	
& 28130	Pembuatan pam, pemampat, kepala paip dan injap lain	3.7	-29.7	-31.0	-34.1	-31.6	-22.7	-14.0	-13.9	-16.5	-30.2	-14.6	-29.6	-30.2	-33.1	-35.7	-33.3	
28180	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.2	-0.5	-1.8	-6.9	-0.7	6.8	12.1	13.1	6.9	-1.6	9.9	-0.9	4.7	-8.8	-6.7	-6.1	
28220	Pembuatan jentera pembentukan logam dan alatan mesin																	
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-14.3	1.9	-2.0	1.7	2.0	6.6	4.3	7.7	18.8	1.3	12.1	-4.5	-0.7	-0.8	1.0	1.2	
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-2.3	-4.1	-12.0	-10.8	1.5	7.6	-16.7	-23.6	-20.9	-4.8	-21.0	-9.4	-17.1	-9.2	-9.2	-12.9	
		8.1	4.3	6.4	6.3	3.6	1.0	1.9	3.5	4.2	4.6	3.3	5.3	5.2	9.0	7.5	5.3	
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.7	-8.5	-3.5	-11.3	-11.1	-8.2	-13.5	-9.9	-5.6	-9.0	-8.8	-2.0	-3.2	-5.5	-10.7	-10.8	
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	16.6	4.6	9.3	10.9	2.5	-2.9	0.0	1.4	1.8	5.5	0.9	8.5	9.1	10.5	12.1	9.6	
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	4.2	6.3	2.6	7.2	8.7	6.9	8.1	6.5	5.7	6.6	6.6	3.6	2.7	1.4	8.0	7.2	
301 (30110 & 30120)	Pembinaan kapal dan bot	11.0	16.8	17.2	17.3	18.2	14.7	17.2	18.0	10.7	17.1	13.4	23.8	16.9	12.0	18.3	16.1	
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.	-0.3	1.0	-1.0	1.0	1.6	2.7	0.6	-1.6	-0.3	0.9	-0.1	-1.9	-1.5	0.3	0.1	1.1	
30910	Pembuatan motosikal	0.04	3.21	2.3	2.8	1.9	5.8	5.4	3.3	4.7	2.7	4.7	4.0	-0.6	3.5	1.1	3.2	
30920	Pembuatan basikal dan invalid carriages	-12.5	-18.6	-30.9	-25.8	-4.5	-6.7	-5.1	-1.9	-11.6	-19.0	-7.5	-29.9	-30.2	-32.5	-29.4	-25.4	
	Industri lain	6.2	5.3	7.7	11.1	3.7	-1.1	-8.1	-12.8	-7.8	6.1	-8.8	-0.2	12.4	11.0	14.2	10.2	
310	Pembuatan perabot	5.1	1.1	1.7	1.4	0.7	0.6	0.9	1.2	2.5	1.1	1.6	1.5	1.7	1.9	2.0	1.2	
31001	Pembuatan perabot kayu dan rotan	8.2	0.9	2.9	0.9	-0.4	0.2	-0.1	1.1	3.3	0.9	1.6	2.4	2.9	3.5	3.5	-0.1	
	Industri lain	-6.8	1.8	-3.8	3.3	5.8	2.3	5.2	1.6	-1.0	2.0	1.8	-2.4	-3.8	-5.2	-4.3	7.6	
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.7	2.7	-0.2	9.0	4.6	-2.0	10.0	8.3	5.1	3.0	7.1	-5.8	3.6	1.8	1.4	10.0	
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	0.7	7.4	6.9	5.8	6.9	9.7	11.8	9.6	11.7	7.1	11.1	4.5	6.6	9.7	9.8	3.0	
32901	Pembuatan alat tulis	-3.6	3.6	0.1	0.6	4.3	9.2	11.5	17.1	16.8	3.1	16.2	4.0	-1.5	-2.1	1.6	-1.8	
	Industri lain	1.8	8.3	8.7	7.1	7.6	9.8	11.9	7.9	10.4	8.2	9.9	4.6	8.8	12.8	11.9	4.2	
323/ 32300	Pembuatan barangan sukan	-4.6	-16.6	-17.1	-18.1	-14.8	-15.9	-12.1	-3.9	0.02	-17.1	-4.1	-12.9	-19.9	-18.4	-19.1	-18.4	
324/ 32400	Pembuatan permainan dan mainan	11.5	-8.0	-13.6	-5.7	-5.0	-7.9	-11.6	-10.8	-5.7	-7.6	-8.3	-15.3	-15.1	-10.8	1.8	-6.8	
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6.7	0.9	0.9	0.9	1.1	0.8	0.8	1.2	1.7	1.0	1.2	0.9	0.7	1.0	0.8	0.7	
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	13.3	-2.1	7.2	10.8	-4.9	-20.0	-18.2	-17.9	-16.1	0.7	-15.7	4.9	8.1	8.4	13.5	9.4	
	Industri lain	4.9	1.8	-0.9	-1.8	2.7	7.5	6.7	7.1	6.0	1.07	5.9	-0.2	-1.6	-1.0	-2.7	-1.7	
Jumlah Pembuatan		3.5	1.5	1.2	1.4	1.7	1.7	1.8	1.8	2.0	1.5	1.9	2.0	1.0	0.7	1.2	1.1	

2025																		Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
4.5	5.9	1.9	1.6	1.9	0.5	5.3	-6.4	-6.3	-9.8	-1.8	5.2	3.0	3.6	2.1	2.3	2.3	1.4	Manufacture of optical instruments, photographic equipment, magnetic and optical media
9.5	7.2	4.9	5.5	3.8	0.9	-0.1	2.3	2.4	4.4	2.1	3.3	0.8	1.6	2.9	2.2	3.4	9.0	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
7.4	13.0	7.3	7.6	3.9	3.7	3.6	2.7	10.0	15.1	16.4	17.5	15.5	8.5	2.8	3.2	6.1	8.7	Manufacture of electric motors, generators and transformers
10.9	3.6	3.3	4.0	3.7	-1.3	-2.3	2.0	-2.4	-2.9	-6.6	-5.8	-8.9	-3.1	2.9	1.5	1.4	9.2	Manufacture of electricity distribution and control apparatus
24.7	12.8	8.7	7.8	4.1	-1.2	-6.5	0.3	-9.2	-9.6	-7.1	-6.8	1.6	-1.1	-0.4	-4.4	-2.4	1.5	Manufacture of batteries and accumulators
-19.5	-10.9	-15.3	-17.1	-9.0	-11.9	0.3	-5.5	-4.1	-4.2	0.2	-4.0	-1.8	-6.2	-5.3	-6.6	-15.0	-15.2	Manufacture of wiring and wiring devices
6.5	6.3	2.3	1.8	-2.2	13.2	8.9	9.3	16.6	21.4	23.5	9.7	5.2	5.2	8.5	4.7	-18.6	-21.6	Manufacture of fibre optic cables
-23.0	-13.5	-17.8	-19.9	-10.4	-15.2	-1.1	-7.1	-6.3	-7.2	-2.7	-5.8	-2.8	-7.8	-7.1	-8.5	-15.2	-15.3	Manufacture of other electronic and electric wires and cables
11.5	16.5	8.6	9.7	9.6	8.6	11.0	-2.5	-2.1	3.5	-2.2	-1.9	-0.9	-1.0	-2.8	2.7	2.4	5.5	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
22.0	23.1	14.2	11.6	11.4	15.5	9.0	10.3	25.6	23.1	37.0	22.2	19.2	20.9	20.1	24.1	37.5	40.5	Manufacture of electric lighting equipment
-21.3	-22.1	-17.3	-19.9	-16.0	-11.0	-7.5	-15.5	-20.2	-22.1	-15.7	-26.2	-28.9	-29.5	-29.9	-24.4	-24.4	-23.6	Manufacture of domestic appliances
20.8	16.9	22.1	23.2	16.2	28.9	18.3	17.5	26.7	21.0	23.4	23.6	22.8	28.0	19.1	24.2	25.5	20.9	Manufacture of other electrical equipment
-2.7	0.2	-1.9	-0.3	1.2	1.8	1.9	0.8	1.8	1.5	1.9	1.3	2.6	3.2	2.3	3.0	3.0	2.5	Manufacture of general-purpose and special-purpose machinery
																		Manufacture of fluid power equipment
-33.4	-32.6	-32.4	-29.7	-20.9	-21.0	-25.6	-14.3	-14.9	-12.7	-12.6	-16.0	-12.9	-18.8	-20.6	-10.5	-13.9	-13.6	Manufacture of other pumps, compressors, taps and valves
																		Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-7.9	-2.1	-4.3	4.3	7.3	2.8	10.2	15.4	9.3	11.5	17.8	11.0	10.6	6.9	7.8	6.1	6.8	7.0	Manufacture of metal-forming machinery and machine tools
																		Manufacture of air-conditioning machines, including for motor vehicles
2.9	2.3	1.8	2.0	2.4	8.6	8.5	4.9	3.9	4.1	4.1	5.1	13.9	17.7	19.9	18.9	22.2	22.3	Manufacture of other special-purpose machinery
-10.4	-10.4	8.6	8.5	8.8	10.6	3.8	-14.6	-12.9	-23.0	-23.8	-22.2	-24.8	-20.6	-21.7	-20.4	-23.0	-25.0	Manufacture of other special-purpose machinery
6.0	9.7	1.2	0.4	0.4	1.4	1.3	-0.9	3.0	3.9	2.6	3.6	4.3	5.3	3.2	4.1	4.2	3.1	Other industry
-12.2	-12.5	-11.1	-9.7	-10.9	-10.6	-3.5	-13.5	-12.1	-15.0	-15.4	-10.0	-4.4	-6.2	-5.5	-5.3	-4.3	-4.4	Manufacture of motor vehicles
11.1	12.5	0.5	-4.0	-3.4	-1.5	-3.8	-1.4	1.0	0.6	0.4	1.8	2.1	1.2	2.3	1.8	0.8	-0.5	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
6.3	7.5	9.8	8.8	9.8	7.3	3.7	7.9	8.1	8.4	8.9	4.4	6.0	7.9	4.1	5.0	5.0	6.9	Manufacture of parts and accessories for motor vehicles
17.5	18.3	18.4	18.0	18.6	11.4	14.3	13.4	18.9	19.1	20.8	17.0	16.3	15.5	13.3	3.6	5.3	5.6	Building of ships and boats
1.8	2.1	1.1	1.5	0.7	4.2	3.2	3.9	0.8	-2.6	-2.8	-0.6	-1.5	-1.9	-0.9	1.9	1.7	0.7	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
4.3	3.9	1.0	0.9	1.0	8.3	8.5	7.2	8.1	1.1	0.2	5.9	3.7	3.9	3.6	6.6	6.5	4.7	Manufacture of motorcycles
-22.3	-8.2	-2.6	-1.6	1.4	-7.9	-12.9	-7.8	-5.3	-2.1	-1.4	-2.0	-2.3	-10.6	-11.5	-13.0	-13.8	-12.6	Manufacture of bicycles and invalid carriages
8.8	3.4	3.0	4.6	-0.05	-0.4	-3.0	0.4	-12.8	-11.1	-10.2	-14.9	-13.3	-11.3	-7.8	-4.2	-4.8	-4.5	Other industry
0.8	0.3	1.0	0.7	0.6	0.3	0.9	0.8	1.0	0.8	0.5	0.9	2.3	2.7	2.2	2.5	2.7	1.9	Manufacture of furniture
-0.6	-1.1	-0.2	-0.1	-0.3	-0.1	1.0	0.1	0.2	-0.4	0.3	1.0	2.1	3.5	3.2	3.1	3.4	1.6	Manufacture of wooden and cane furniture
7.7	6.6	6.4	4.6	4.8	2.1	0.1	4.0	5.0	6.5	1.5	0.3	2.9	-0.9	-2.0	0.03	-0.2	3.1	Other industry
17.1	6.6	6.2	1.2	3.5	-7.9	-1.1	12.7	8.5	8.8	8.5	8.7	7.8	5.2	11.1	-1.0	-4.7	12.5	Manufacture of jewellery, bijouterie and related articles
5.0	8.4	6.4	6.1	8.1	11.1	9.8	11.4	11.3	12.8	11.8	8.7	8.3	11.5	11.7	11.9	13.9	9.0	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
2.2	1.7	3.0	8.2	8.0	10.5	9.2	9.1	10.4	15.3	16.8	17.5	17.1	18.7	16.4	15.4	21.4	20.1	Manufacture of stationery
5.7	10.1	7.3	5.5	8.1	11.2	10.0	11.9	11.6	12.2	10.7	6.7	6.2	9.8	10.5	11.0	12.1	6.3	Other industry
-16.8	-16.6	-16.7	-10.4	-22.0	-15.3	-9.7	-15.9	-8.5	-11.8	-0.6	-7.8	-3.1	-10.3	7.9	4.3	4.5	2.7	Manufacture of sports goods
-11.4	-3.6	-5.6	-5.7	-8.4	-2.0	-12.3	-12.1	-7.8	-14.5	-15.0	-10.5	-6.9	-9.2	-12.9	4.8	-4.5	-3.3	Manufacture of games and toys
1.4	1.0	1.5	0.8	1.2	0.8	0.4	0.2	1.4	0.9	1.2	1.4	1.1	1.8	1.5	1.9	1.5	0.7	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
9.5	-4.7	-5.2	-4.8	-13.1	-19.6	-25.2	-18.8	-18.7	-17.0	-17.3	-17.6	-18.9	-16.4	-17.8	-14.0	-9.4	-3.2	Repair and maintenance of transport equipment except motorcycles and bicycles
-0.8	2.4	3.2	2.3	5.1	7.4	10.1	5.8	7.9	6.5	7.1	7.1	7.1	6.1	6.1	5.8	3.9	1.7	Other industry
1.8	2.4	1.5	1.2	1.7	1.8	1.7	1.5	2.0	1.8	2.4	1.5	1.6	2.3	1.8	2.0	2.4	1.9	Total Manufacturing

Jadual **1.6c** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
Table : Salaries and Wages Paid of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging	-7.1	0.4	4.0	4.7	1.2	6.1	2.9	-3.3	-6.2	0.3	0.7	3.1	-1.1
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	-2.2	-1.6	5.6	-0.4	-1.1	-2.1	4.9	-1.5	-1.9	-1.3	-2.0	3.0	-0.3
	10201 Pengetinan ikan, krustasea dan moluska &	-3.2	-1.4	4.7	-0.3	0.4	-0.2	5.1	-2.4	-1.7	-2.0	-1.5	3.4	-0.5
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	1.9	-2.3	9.2	-1.0	-6.6	-9.7	3.9	2.1	-2.9	1.4	-3.5	1.8	0.3
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	3.0	-1.4	-3.9	-5.5	2.6	0.5	1.6	4.6	-3.3	5.5	-2.0	-2.4	-0.4
	10303 Pengetinan nanas &	2.4	1.7	-3.3	0.3	2.2	1.8	4.3	1.9	-4.0	4.4	0.3	1.4	-3.2
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	3.0	-1.6	-3.9	-5.9	2.7	0.4	1.4	4.8	-3.3	5.6	-2.2	-2.7	-0.2
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-0.6	3.1	-0.3	4.0	-0.5	-1.1	2.6	-5.9	0.3	-3.3	4.8	1.6	-1.6
	10404 Pembuatan minyak sayuran mentah dan bertapis &	0.7	-0.4	5.1	3.0	10.1	-7.7	-3.3	1.3	-1.2	1.4	0.1	-1.8	0.9
	10406 Pembuatan sebatian lemak masakan	0.3	0.1	1.0	-2.1	9.2	4.7	4.0	0.2	-0.6	5.8	-4.9	2.9	-0.6
	10405 Pembuatan minyak kelapa Industri lain	-0.8	3.4	-0.7	4.3	-1.6	-0.8	3.0	-6.6	0.4	-4.0	5.5	1.8	-1.9
105	Pembuatan produk tenusu	2.5	0.2	0.1	5.8	1.5	-0.3	-1.5	2.1	-14.9	5.9	3.9	-1.4	-2.7
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	3.6	-0.6	0.6	6.2	1.1	-0.7	-1.3	2.6	-16.3	6.0	4.2	-1.9	-3.4
		-5.7	7.0	-3.6	2.7	5.1	3.0	-3.0	-2.5	-1.4	5.0	1.8	2.2	2.7
106	Pembuatan produk bijian, kanji dan produk berkanji	-4.8	-4.7	0.5	2.1	5.6	-6.7	0.4	1.2	-13.6	0.8	0.9	-1.0	-1.5
	10611 Pengilangan beras	1.5	-4.3	-1.2	-1.9	5.3	-4.3	-1.1	4.5	-3.6	1.2	-3.6	0.4	-1.6
	10613 Pengilangan tepung Industri lain	-11.4	-6.2	3.5	7.0	6.7	-9.7	3.1	-1.4	-24.3	0.2	5.8	-2.1	-1.6
		-2.4	1.8	-5.0	-1.0	-0.7	-1.9	-6.6	-3.1	-8.3	2.1	6.0	-3.7	0.01
107	Pembuatan produk makanan lain	-2.9	-2.7	2.2	3.7	-2.0	-1.5	1.9	-3.9	-3.1	-0.6	-1.1	0.01	-0.4
	10711 Pembuatan biskut dan cookies	-5.8	1.5	8.8	1.6	-4.7	2.7	8.6	-4.5	-3.6	-0.9	1.9	3.0	-1.6
	10712 Pembuatan roti, kek dan produk bakeri lain	-3.9	1.6	2.5	3.2	-4.3	0.6	0.4	-4.1	1.4	-6.6	6.2	-0.3	-0.3
	10713 Pembuatan produk snek	4.3	1.5	1.2	2.9	3.2	-3.6	4.2	0.2	-1.3	2.7	-1.9	0.8	4.6
	10721 Pembuatan gula	-1.1	-0.5	-2.7	17.6	-9.4	6.3	2.0	-9.8	7.1	-1.3	-4.1	3.3	0.3
	10731 Pembuatan produk koko	-8.3	6.9	-0.6	-1.9	7.8	-6.8	-1.2	-1.3	-14.7	3.8	16.2	-10.3	5.7
	10732 Pembuatan coklat dan produk coklat &	-7.0	-9.3	-0.8	11.5	0.3	-10.4	0.1	-6.8	-6.0	0.9	-6.6	-1.8	-0.8
	10733 Pembuatan konfeksi gula	8.8	-6.6	6.3	8.1	-4.4	-0.8	1.6	-7.0	3.7	11.0	-11.3	-4.0	-0.6
	10793 Pembuatan sos dan bahan perasa	-8.7	-6.5	-1.1	7.0	-6.9	-0.4	-1.3	-2.4	-15.6	2.4	-1.9	-0.1	-1.1
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	-2.4	-3.7	1.1	-0.7	2.2	-2.2	2.2	-2.8	-2.3	-2.8	-2.0	2.0	-1.0
108/ 10800	Pembuatan makanan haiwan tersedia	-7.4	-2.9	5.3	6.2	-10.6	0.4	1.6	-6.3	-9.1	-3.1	1.1	0.8	2.5
110	Pembuatan minuman ringan	-1.9	-1.4	0.4	11.1	-1.0	-3.3	1.2	-5.2	-2.8	0.4	1.8	-4.4	1.3
	11041 Pembuatan minuman ringan	-3.8	0.2	0.1	14.4	-3.7	-3.9	0.4	-8.1	-3.2	0.4	2.9	-3.8	2.2
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	0.7	-6.7	3.1	1.3	6.9	-2.8	2.0	3.1	-3.2	0.4	-1.2	-7.1	-0.3
		10.0	-0.3	-4.1	7.7	3.6	-0.2	5.5	0.7	1.6	0.5	0.9	-2.0	-2.2
120/ 12000	Pembuatan produk tembakau	-4.4	-9.6	0.9	15.4	-4.6	-6.5	0.5	-18.2	1.8	-1.6	-9.4	-1.6	3.9
131	Pemintalan, penenunan dan penyiapan tekstil	-4.5	4.3	1.4	2.0	-3.7	1.6	-0.9	-2.1	-6.6	0.7	4.1	4.0	-1.4
	13110 Penyediaan dan pemintalan gentian tekstil &	-5.4	5.5	2.2	0.9	-4.5	2.5	0.1	-1.5	-9.8	1.2	6.5	3.5	-1.2
	13120 Penenunan tekstil	-3.1	1.9	0.1	6.0	-3.3	-1.1	-3.2	-4.0	0.1	-0.5	-0.7	5.1	-1.4
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	4.2	-0.6	-6.2	-12.5	16.4	4.9	-3.0	0.6	13.3	-1.5	-4.9	6.5	-8.5
139	Pembuatan tekstil lain	-0.5	0.2	-0.3	0.6	-0.7	1.7	1.4	0.2	-3.1	3.6	-2.1	2.3	-1.5
	13910 Pembuatan fabrik dikait dan dikrusye Industri lain	-7.1	5.2	-3.8	-4.9	-4.7	2.8	8.7	-5.1	-5.9	8.4	0.4	2.1	0.1
		2.1	-1.6	1.0	2.6	0.6	1.3	-0.9	2.2	-2.1	1.9	-3.0	2.3	-2.1
141	Pembuatan pakaian, kecuali pakaian berbulu	-0.4	-4.9	-2.7	7.1	1.5	-4.8	-2.0	-3.4	-6.6	0.8	-0.8	-1.2	-4.7
	14102 Pembuatan pakaian Industri lain	2.6	-6.3	-2.2	9.8	5.3	-6.6	-2.4	-3.1	-7.2	1.1	-1.5	-1.7	-6.0
		-6.9	-1.3	-3.7	0.8	-8.2	0.4	-0.9	-4.0	-5.1	0.2	0.8	0.1	-1.5
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	2.3	-0.8	-1.4	2.0	5.0	-4.0	1.9	2.3	-2.0	2.7	0.6	-3.3	-0.9
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-4.2	4.7	2.5	4.9	-0.7	2.5	1.6	-6.7	-2.5	2.8	1.9	0.9	3.5
152	Pembuatan kasut	1.5	-5.4	-0.7	8.1	-0.1	-5.0	-1.0	2.1	0.1	-3.8	-1.4	0.03	-4.8
	15201 Pembuatan kasut kulit &	-1.6	-4.5	-2.1	6.4	-0.6	-0.9	-1.8	0.3	1.0	-5.8	-0.9	0.3	-0.8
	15203 Pembuatan kasut getah Industri lain	7.9	-6.9	2.0	11.1	0.8	-12.2	0.7	5.8	-1.4	0.04	-2.3	-0.5	-12.2
161/ 16100	Pengilangan dan pengetaman kayu	2.1	-0.5	5.0	3.5	-2.3	1.3	7.1	0.1	2.6	1.4	-0.8	-2.1	-0.1

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
2.4	-0.5	4.6	1.0	0.3	1.8	4.6	-10.6	8.4	3.6	-4.6	12.1	-1.4	-4.2	3.7	0.8	-0.1	Processing and preserving of meat
1.8	3.9	1.1	-2.1	-0.8	0.8	0.3	-2.9	0.7	-2.1	2.1	-2.4	2.1	3.8	3.5	-3.3	-0.01	Processing and preserving of fish, crustaceans and molluscs
1.1	3.5	1.2	-2.4	-0.7	2.1	-1.0	0.0	0.8	-1.7	2.7	-2.3	2.3	3.6	2.9	-4.2	0.4	Canning of fish, crustaceans and molluscs
4.4	5.3	0.7	-1.1	-1.1	-3.8	5.4	-13.1	0.3	-3.9	-0.8	-3.1	1.1	4.7	6.1	0.4	-1.7	Processing, curing and preserving of fish, crustacean and molluscs
2.7	-7.1	-2.2	-0.5	-1.2	-1.1	2.8	0.7	1.6	-0.9	-0.5	1.5	2.2	-1.5	-1.0	0.4	0.2	Processing and preserving of fruits and vegetable
-0.8	-3.1	3.5	0.2	-2.2	1.0	-1.9	6.1	0.6	-1.2	0.5	0.9	-0.7	6.5	-0.1	0.5	-0.1	Pineapple canning
2.9	-7.3	-2.6	-0.5	-1.2	-1.3	3.2	0.2	1.7	-0.9	-0.6	1.5	2.4	-2.1	-1.1	0.4	0.2	Manufacture of jams, marmalades and table jellies
2.5	-4.0	1.8	0.7	-0.8	11.9	-6.3	0.4	-3.9	0.4	1.9	-0.9	1.8	0.8	0.7	0.8	-1.8	Manufacture of vegetable and animal oils and fats
2.7	4.3	-1.2	2.9	-1.2	1.2	14.5	-7.2	1.7	-6.6	0.3	0.2	-2.8	-1.7	1.5	0.4	-1.4	Manufacture of crude and refined vegetable oil
1.5	-1.3	-0.4	-1.9	1.1	-1.0	9.9	-0.3	-0.6	-0.9	9.2	0.1	2.0	-1.6	0.1	-2.1	0.02	Manufacture of compound cooking fats
2.5	-4.7	2.1	0.7	-0.8	13.3	-8.3	1.1	-4.4	1.1	1.8	-1.0	2.1	1.1	0.6	1.0	-1.9	Manufacture of coconut oil
7.0	-7.4	2.2	1.3	2.0	12.6	3.4	-15.0	1.2	6.7	-6.5	8.2	-3.1	-0.8	-2.4	-0.1	1.7	Manufacture of dairy products
8.9	-8.7	3.3	0.9	2.4	13.6	2.6	-15.7	1.7	6.7	-7.7	9.4	-3.2	-0.6	-2.9	1.1	1.9	Manufacture of condensed, powdered and evaporated milk
-6.4	3.8	-6.0	5.0	-1.4	5.0	9.9	-9.1	-3.2	6.7	3.1	-0.5	-2.2	-2.7	1.1	-9.5	-0.4	Other industry
1.2	-1.0	4.3	-4.6	-0.8	14.9	0.4	-1.5	-8.3	1.1	-2.2	-0.4	1.4	0.8	-1.4	-1.6	0.8	Manufacture of grain mill products, starches and starch products
-0.7	1.0	-0.9	-0.9	-3.2	4.1	3.6	-0.7	1.4	-3.3	-1.9	-1.2	-0.8	2.6	-1.7	-0.6	-3.2	Rice milling
3.9	-3.2	11.3	-9.0	1.9	28.2	-2.3	-2.0	-18.5	5.4	-1.1	0.4	4.1	-0.6	-1.3	-2.8	5.5	Flour milling
-2.0	-2.2	-1.0	-1.3	-0.3	5.6	-1.4	-4.2	0.2	7.5	-11.3	0.01	-1.7	-2.0	1.0	0.3	-1.7	Other industry
-0.1	2.3	3.0	-1.3	1.5	3.7	-3.9	-1.0	-0.8	-1.3	0.7	0.3	1.4	-0.8	1.6	-1.5	1.7	Manufacture of other food products
6.9	1.7	2.1	-1.0	0.6	0.8	-5.6	-3.7	8.2	-3.8	3.1	1.4	7.6	-1.4	-0.3	-2.6	-0.7	Manufacture of biscuits and cookies
-2.4	6.3	3.1	-5.3	6.5	1.0	-5.3	1.5	-7.8	5.5	-0.3	1.1	-2.2	1.4	3.2	-4.8	5.3	Manufacture of bread, cakes and other bakery products
-2.3	-0.1	1.4	2.1	-1.3	2.4	0.6	-0.5	5.2	-8.7	2.3	2.3	2.6	-2.1	2.0	-3.3	7.0	Manufacture of snack products
-2.3	-0.2	-4.6	22.1	-6.2	11.6	-19.1	6.3	6.2	1.1	-1.0	-0.6	4.7	-4.0	2.7	-3.9	4.9	Manufacture of sugar
-2.8	-0.7	8.2	-6.5	-0.2	-0.1	15.4	-8.1	-3.4	9.4	-16.0	1.9	6.7	-8.3	8.9	-7.2	-0.2	Manufacture of cocoa products
-0.03	-2.8	6.8	2.6	2.7	9.4	-6.4	2.9	-5.2	-6.8	-1.4	-1.1	0.5	-0.2	3.0	3.3	1.4	Manufacture of chocolate and chocolate products
0.8	7.9	5.7	-3.2	2.6	9.7	-12.7	-1.2	9.0	-6.9	2.1	-0.8	-0.1	-0.5	5.8	-2.4	-0.5	Manufacture of sugar confectionery
-3.7	2.0	6.3	-0.8	2.4	3.9	-3.2	-7.8	-5.9	6.1	2.1	-2.3	0.03	-0.05	-1.2	1.8	1.5	Manufacture of sauces and condiments
1.3	-0.3	0.1	-0.2	-2.1	2.8	1.4	-0.5	-0.03	-3.2	1.3	0.8	2.5	-1.6	-0.6	0.6	-0.6	Manufacture of other food products n.e.c.
-1.4	8.2	-2.0	2.3	-1.7	11.0	-10.7	-8.4	-1.1	8.9	-5.3	-2.5	1.4	5.9	-0.2	3.4	-1.3	Manufacture of prepared animal feeds
-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6	0.7	-1.1	-4.1	2.8	-0.3	0.6	1.9	1.0	5.2	Manufacture of beverages
-0.8	-2.4	7.4	0.8	9.4	8.1	-9.6	-2.5	0.1	-2.3	-3.0	3.7	-1.5	-2.6	7.1	1.1	6.9	Manufacture of soft drinks
1.3	8.2	-2.3	0.1	-0.4	1.2	7.7	-3.2	2.4	1.3	-7.2	0.9	3.6	6.8	-11.9	0.04	0.04	Production of natural mineral waters and other bottled waters
-7.2	6.0	4.5	-0.3	3.7	1.8	2.1	-2.0	1.4	3.2	-5.3	-0.2	-0.5	12.9	-1.2	2.0	3.2	Other industry
-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6	-1.8	-5.9	-2.0	4.5	-1.5	-3.9	7.4	2.9	-0.5	Manufacture of tobacco products
1.8	-1.3	0.6	0.6	0.3	3.7	-2.0	-6.9	1.2	2.5	1.9	-1.6	1.7	-4.2	2.1	-0.3	-1.8	Spinning, weaving and finishing of textiles
3.0	-2.4	1.4	-0.5	-0.3	4.7	-1.3	-9.3	0.8	3.4	3.8	-1.5	3.4	-6.6	3.3	-1.0	-3.4	Preparation and spinning of textile fibres
-1.7	2.2	-1.0	3.9	2.1	1.5	-3.8	-2.6	1.6	0.9	-2.7	-1.1	-2.9	2.4	-0.7	1.9	2.3	Weaving of textiles
5.7	-8.9	-6.2	-3.1	-4.6	1.4	0.4	21.6	5.7	-2.4	0.9	-8.8	5.2	-2.6	-1.4	-4.0	-0.02	Dyeing, bleaching, printing and finishing of yarns and fabrics
-0.8	0.1	2.0	-1.6	0.9	0.9	-0.03	-3.3	1.8	-0.1	3.5	-1.9	0.2	1.7	0.8	-0.2	1.6	Other industry
-5.7	1.9	-0.1	-5.3	-0.3	0.03	-3.7	-2.5	2.2	0.2	3.3	-0.5	6.6	-2.1	8.0	-6.2	-1.0	Manufacture of other textiles
1.1	-0.5	2.7	-0.3	1.3	1.3	1.2	-3.5	1.7	-0.2	3.5	-2.4	-1.9	3.0	-1.6	2.0	2.5	Manufacture of knitted and crocheted fabrics
0.9	-2.0	4.1	-1.1	4.8	8.7	-3.0	-3.8	0.2	-1.2	-1.5	-4.9	1.0	-0.9	4.4	-1.4	5.1	Other industry
3.2	-2.9	4.0	-1.3	7.4	12.7	-2.3	-3.7	-0.3	-1.8	-2.0	-6.8	3.2	-2.4	4.7	-1.5	6.5	Manufacture of wearing apparel, except fur
-4.2	0.2	4.2	-0.7	-1.3	-1.4	-4.8	-4.2	1.7	0.6	-0.1	0.4	-4.5	3.4	3.5	-0.9	1.2	Manufacture of clothings
0.6	-2.5	4.3	0.4	0.1	-1.2	3.9	2.8	0.05	-2.1	-4.2	-0.4	5.1	-2.0	-0.1	-1.5	1.3	Other industry
-2.3	0.2	6.4	-1.2	0.2	4.9	-4.7	1.5	-0.4	1.4	0.6	1.3	-0.2	-1.9	6.3	-1.6	1.3	Manufacture of articles of fur, knitted and crocheted apparel
-0.9	2.8	4.9	1.6	2.5	1.3	0.2	-1.8	-2.5	-0.04	-2.2	-4.1	-1.5	3.6	5.3	1.2	3.1	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
-3.8	0.7	5.0	1.2	1.3	1.9	0.1	-2.7	-1.6	0.8	0.2	0.6	-4.1	0.5	5.0	1.2	3.1	Manufacture of footwear
5.2	6.8	4.6	2.2	4.7	0.3	0.4	-0.1	-4.0	-1.6	-6.3	-12.9	4.1	9.9	5.9	1.2	3.1	Manufacture of leather footwear
6.0	-1.7	3.1	2.5	-0.3	-0.7	-3.0	4.3	-4.3	3.9	-2.2	1.3	5.0	1.0	3.5	2.0	-0.03	Manufacture of rubber footwear
																	Other industry
6.0	-1.7	3.1	2.5	-0.3	-0.7	-3.0	4.3	-4.3	3.9	-2.2	1.3	5.0	1.0	3.5	2.0	-0.03	Sawmilling and planning of wood

Jadual Table **1.6c** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
: Salaries and Wages Paid of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-0.3	-0.9	1.0	0.8	0.9	-1.7	0.9	0.2	-2.0	-1.0	0.8	0.5	-2.1
16211	Pembuatan kepingan venier dan papan lapis	-2.1	1.3	4.0	-2.0	-2.4	-1.7	8.2	0.6	-2.8	-3.0	3.6	2.3	-2.2
16212	Pembuatan papan partikel dan papan gentian	3.5	-12.4	-6.6	5.3	0.2	-4.4	-5.4	1.0	-0.6	0.8	-10.7	0.2	-7.0
16221	Pertukangan kayu untuk jurubina	-1.0	2.5	3.9	2.6	8.6	-1.3	-8.9	1.4	-0.9	-0.04	3.4	-1.1	0.7
	Industri lain	2.7	-0.4	-4.8	3.4	1.1	-0.5	-0.6	-3.1	-2.3	1.9	1.0	-2.2	-1.2
170	Pembuatan kertas dan produk kertas	0.8	-5.1	0.7	4.4	0.6	-4.3	1.0	-1.7	1.0	-1.6	-4.1	-0.8	0.6
17010	Pembuatan pulpa, kertas dan kertas tebal	3.7	-9.8	-5.7	8.6	0.1	-5.4	-1.3	-0.2	6.2	-0.7	-4.7	-8.2	-4.1
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	0.4	-4.0	0.8	1.9	5.1	-4.4	0.3	2.2	-2.0	-0.2	-3.7	-0.9	3.4
17091	Pembuatan sampul surat dan kad surat	-1.0	-1.1	8.7	4.1	-4.6	-3.7	-0.3	-1.8	-4.1	5.8	-2.9	-0.7	0.2
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	9.6	-9.1	1.1	5.2	-1.2	-5.3	3.5	-1.6	7.6	-5.6	-8.6	2.3	-1.9
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	-7.4	-2.9	5.4	3.8	-1.7	-5.5	0.8	-6.3	1.2	-2.7	-1.7	-0.3	1.1
	Industri lain	-4.7	-1.5	-0.3	8.9	-7.0	-1.2	1.7	-10.2	-2.4	-1.1	-0.5	1.2	-0.7
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.0	2.1	-3.6	2.1	2.0	2.4	-2.8	-4.3	3.1	-0.8	0.1	2.4	-0.4
18110	Percetakan	2.1	2.6	-4.9	2.2	0.8	4.2	-3.5	-6.5	4.2	-0.5	0.6	1.5	-0.2
18120	Aktiviti perkhidmatan berkaitan percetakan	8.4	-0.2	3.0	1.3	8.1	-6.2	1.0	8.4	-2.8	-1.9	-2.3	7.6	-1.7
18200	Penerbitan semula media rakaman													
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2.8	-16.4	4.7	13.0	2.5	-16.4	5.1	-10.1	0.2	15.8	-24.8	-1.9	7.0
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	-1.8	-5.7	3.2	4.5	2.4	-5.5	-0.9	-4.4	-4.1	4.1	-3.2	-7.1	2.9
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-12.2	-11.1	16.1	-2.0	23.1	-6.6	-6.4	-10.9	-1.7	0.7	-11.4	-0.1	1.6
20112 & 20113	Pembuatan kimia organik asas	-11.2	-5.3	-3.5	10.9	-0.6	-3.6	-1.9	-15.5	-2.5	2.6	2.4	-14.6	5.2
20121 & 20129	Pembuatan sebatian bukan organik													
20121	Pembuatan baja	2.4	-5.5	6.9	-9.0	6.1	6.5	2.5	3.0	-7.3	16.0	-11.4	-0.5	-1.2
20129	Pembuatan produk campuran nitrogen	18.5	-4.7	8.3	3.4	-3.1	-10.6	1.8	15.9	-5.6	5.4	-7.7	1.6	1.6
20131	Pembuatan plastik dalam bentuk primer	4.7	-4.3	-4.8	-4.1	21.7	-8.2	-1.2	6.9	-8.9	-5.4	15.5	-17.7	2.3
	Industri lain													
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	6.0	-6.1	0.6	2.3	2.0	-9.4	-2.2	-4.2	6.4	1.1	-4.6	-7.1	1.9
20210	Pembuatan racun perosak dan produk agrokimia lain	8.3	8.5	-2.2	8.1	16.0	6.9	-5.0	0.6	1.2	13.7	-2.1	1.4	1.7
20221	Pembuatan cat, varnis dan penyadur dan mastik	11.6	-4.5	-3.1	-3.5	7.3	-7.2	0.3	0.7	16.8	-12.4	1.4	-5.3	4.7
20222	Pembuatan dakwat cetak	-8.8	-5.8	-7.6	1.3	3.5	-4.5	-3.5	-8.9	2.9	-4.4	5.4	-13.7	1.5
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	5.7	-7.0	1.4	0.7	0.1	-12.9	-0.9	-11.9	12.6	4.0	-12.2	-1.8	1.9
20232	Pembuatan pewangi dan penyediaan dandanan diri													
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	6.3	-11.1	4.2	4.7	-4.4	-16.5	-3.2	0.4	-1.3	2.6	-2.8	-14.8	0.6
20292 & 20299	Pembuatan dakwat menulis dan melukis													
20299	Pembuatan produk kimia lain t.t.t.l.	1.9	0.5	9.2	-6.0	1.9	3.3	4.9	0.9	5.3	-6.9	3.1	1.5	-1.2
	Industri lain													
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-11.2	3.8	3.2	6.5	-11.5	5.7	5.0	-15.1	-6.1	1.7	8.4	-5.3	0.9
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-11.7	4.2	1.1	6.9	-15.0	5.5	2.8	-16.8	-7.9	1.0	10.3	-6.2	1.9
	Industri lain	-9.2	2.5	10.0	5.3	-0.6	6.3	10.7	-8.5	0.2	3.8	2.3	-2.3	-2.4
221	Pembuatan produk getah	-5.2	2.7	6.2	-2.9	-3.4	1.0	6.9	-1.3	-2.1	0.1	-1.1	3.4	6.5
22111	Pembuatan tayar getah untuk kenderaan	-13.7	-16.1	0.5	-4.0	-0.8	-8.3	9.3	0.3	-15.7	-9.8	-7.7	2.4	6.7
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	3.5	11.0	3.2	-2.0	4.9	-9.1	4.8	0.1	-5.8	25.6	-3.6	2.1	-0.3
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-2.7	5.1	3.7	4.6	7.5	-2.7	7.3	-1.4	-9.4	12.4	-1.6	3.0	0.6
22193	Pengilangan semula getah dan prosesan susu getah													
22192	Pembuatan sarung tangan getah	-5.2	7.1	9.9	-5.3	-7.6	5.2	8.3	-2.1	3.6	-3.2	0.6	4.6	12.8
22199	Pembuatan produk getah lain yang t.t.t.l.	-3.9	-3.0	1.4	-4.4	-8.6	1.2	0.6	-0.3	1.2	-2.8	-1.1	1.4	-4.0
222	Pembuatan produk plastik	-1.5	4.1	-0.6	1.5	-3.5	2.7	1.1	-1.9	-2.3	0.8	5.0	0.8	-3.4
22201 & 22202	Pembuatan produk plastik separa siap	-4.3	-1.5	-5.4	6.0	2.4	2.5	-0.6	-2.0	0.6	-8.7	5.8	1.3	-5.9
22202	Pembuatan produk plastik siap													
22203	Pembuatan artikel plastik untuk pembungkusan barangan	3.1	9.5	2.7	0.4	2.2	9.5	0.9	1.5	-6.7	10.5	6.3	0.8	-5.4
22204	Pembuatan barangan plastik jurubina	4.6	-2.6	-4.8	6.8	4.0	2.5	-9.3	0.6	-9.2	11.1	-3.8	-3.6	0.2
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	3.0	5.2	4.7	5.1	-18.6	1.7	4.8	0.8	1.5	3.9	0.5	1.6	1.2
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.5	5.3	-0.1	-2.6	-10.4	-3.8	2.9	-5.0	-2.1	2.0	4.6	0.4	-0.4
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-0.9	5.7	-1.5	-3.1	-5.2	3.6	-1.3	-3.8	-2.3	5.4	2.6	0.9	-0.9

2025																Group Description/Period	
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.		
3.0	-1.1	0.1	-0.1	0.7	2.4	0.3	-1.6	-0.1	0.2	-0.6	-2.9	3.9	-0.7	-0.7	0.4	0.9	Manufacture of products of wood, cork, straw and plaiting materials
5.2	-0.8	0.3	-2.7	1.9	-1.5	0.8	-3.6	-1.1	-0.9	2.9	-2.0	8.4	1.4	-1.9	-2.0	2.2	Manufacture of veneer sheets and plywood
-2.1	-1.4	3.2	1.6	3.3	-0.4	-0.1	-0.4	-0.7	-1.2	-0.7	-6.5	-0.5	-2.1	3.4	3.3	2.0	Manufacture of particle board and fibreboard
6.4	-2.6	-2.4	4.1	-4.6	13.2	1.7	0.2	-0.3	2.5	-2.0	-6.7	-0.5	-3.3	-3.7	4.2	-2.8	Manufacture of builders' carpentry
-3.8	0.6	0.2	0.9	2.0	2.6	-3.0	0.7	3.9	1.0	-7.9	3.7	0.2	-2.4	3.8	0.9	1.4	Other industry
-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2	-1.7	-3.0	-1.0	0.2	-0.2	0.3	3.6	2.5	-1.6	Manufacture of paper and paper products
-1.4	0.3	3.6	7.0	-2.0	1.3	-3.5	8.6	-6.2	0.1	-5.5	-1.2	-0.2	0.4	4.0	6.7	-2.2	Manufacture of pulp, paper and paperboard
-3.9	3.5	1.7	0.6	-1.5	0.2	6.4	-2.1	1.6	-4.5	0.1	-0.8	-3.0	3.5	4.5	0.5	-2.8	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
0.4	14.4	-3.2	1.9	-1.2	2.5	-3.7	-3.3	0.5	-3.2	0.01	0.7	-0.8	0.5	-0.8	0.9	1.8	Manufacture of envelopes and letter-card
5.1	-6.8	4.1	2.6	-3.6	14.7	-10.7	8.2	-8.3	-3.4	1.1	1.7	5.0	-6.6	4.9	2.3	-2.3	Manufacture of household and personal hygiene paper
5.0	-3.5	6.2	0.7	1.3	-1.9	-1.1	1.8	-2.9	-2.6	-0.2	-4.3	4.4	-3.4	5.7	5.1	1.5	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
-2.0	3.5	-1.6	4.4	2.0	8.6	-11.2	-2.9	1.6	-0.4	-4.1	5.7	-2.0	2.8	-1.5	4.6	0.4	Other industry
-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3	-1.0	0.4	2.8	-0.7	-1.9	-0.9	-2.2	1.7	3.5	Printing, service activities related to printing and reproduction of recorded media
-2.1	-2.5	-4.6	1.5	4.2	6.2	-6.9	4.5	-0.9	1.5	3.0	-0.6	-2.4	-1.6	-1.8	1.8	4.4	Printing
0.7	4.0	-5.0	1.9	1.4	1.7	8.6	-2.4	-1.4	-5.0	1.5	-1.4	0.9	2.8	-4.0	1.6	-0.6	Service activities related to printing
																	Reproduction of recorded media
-1.9	0.8	6.6	5.2	-3.0	14.9	-10.0	0.0	15.5	-24.3	-2.3	6.4	-1.7	1.5	7.0	5.1	-3.7	Manufacture of refined petroleum products
2.0	3.6	-1.9	0.8	2.5	6.3	-5.6	3.4	2.8	-3.1	-7.8	-0.3	2.7	-0.5	-1.1	1.4	1.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
11.6	-2.1	13.4	-11.3	1.6	4.3	10.7	3.3	15.6	-15.2	1.6	-5.5	-2.3	-0.7	-1.7	0.6	-0.6	Manufacture of liquefied or compressed inorganic industrial or medical gases
																	Manufacture of basic organic chemicals
-2.8	4.4	-4.5	6.9	4.1	7.7	-11.4	9.0	-1.4	2.9	-13.0	2.0	2.0	0.5	-2.4	3.6	2.3	Manufacture of inorganic compounds
																	Manufacture of fertilizers
3.8	11.2	-9.3	-2.7	-3.1	-4.6	4.8	0.9	15.1	-7.3	8.7	-3.6	6.8	-7.4	2.0	-0.8	-3.2	Manufacture of associated nitrogen products
5.0	3.2	-1.6	-0.4	1.9	7.6	-6.6	-2.9	0.6	-4.6	-8.5	-0.4	4.9	0.4	-0.1	-0.7	2.0	Manufacture of plastics in primary forms
2.3	-2.3	-1.0	-9.1	6.0	8.6	10.7	2.6	1.4	-5.6	-7.1	0.9	0.4	0.4	0.2	0.6	1.0	Other industry
1.6	1.1	-1.3	0.6	-1.7	10.1	-4.3	0.1	1.7	-6.1	-7.3	0.6	1.6	-3.0	1.1	0.2	-0.9	Manufacture of other chemical products and man-made fibres
-5.0	3.1	-1.9	9.2	-2.5	3.0	13.2	-4.6	14.0	-2.4	2.6	1.2	-5.8	-0.9	-0.3	-1.3	-1.8	Manufacture of pesticides and other agrochemical products
-0.1	-3.3	-6.0	-2.7	2.8	8.2	1.7	1.4	-4.9	2.1	-11.7	4.7	3.9	-3.5	0.0	3.2	-1.6	Manufacture of paints, varnishes and similar coatings ink and mastics
-1.4	-3.9	0.9	-2.6	0.4	13.6	-2.9	-2.5	-1.0	4.8	-11.8	1.4	-0.1	-0.4	0.7	-3.5	-0.1	Manufacture of printing ink
																	Manufacture of soap and detergents, cleaning and polishing preparations
0.7	1.6	-2.9	0.1	-5.0	17.2	-11.5	1.0	9.0	-16.8	-1.2	-1.7	1.4	-0.6	-1.0	-1.2	-1.6	Manufacture of perfumes and toilet preparations
																	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
6.8	2.9	2.5	0.1	-0.8	7.4	-7.4	1.6	-6.9	-3.2	-15.2	0.2	5.6	-6.9	5.0	1.9	0.7	Manufacture of writing and drawing ink
																	Manufacture of other chemical products n.e.c.
7.4	3.0	-0.04	-6.8	1.9	-4.0	3.6	-0.8	2.9	2.2	-1.7	1.4	0.8	3.1	4.7	-8.6	-2.8	Other industry
2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6	1.3	9.8	-3.7	0.6	2.5	5.3	-0.7	3.2	-3.2	Manufacture of pharmaceuticals, medicinal chemical and botanical products
0.3	3.8	-2.4	4.1	-4.1	18.2	-19.1	-6.5	-0.4	10.7	-4.4	2.2	0.2	4.1	-0.4	4.6	-4.5	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8.6	5.2	0.8	-1.5	2.6	8.2	-3.9	-6.6	5.8	7.4	-1.9	-3.5	8.7	8.3	-1.4	-0.4	0.2	Other industry
-2.0	4.0	0.5	-2.6	-1.3	-3.4	2.2	-4.3	-0.1	-1.6	2.9	6.8	-1.5	2.2	4.5	-2.7	-2.4	Manufacture of rubber products
-5.1	3.3	-4.6	-4.0	3.8	-1.5	16.0	-17.0	-12.0	-3.8	13.5	6.2	2.2	5.2	-13.3	1.1	1.1	Manufacture of rubber tyres for vehicles
2.8	0.6	-1.4	-0.5	-1.1	0.01	11.5	-10.5	4.9	-6.5	-0.1	-6.1	9.0	1.1	-1.2	1.4	-2.8	Manufacture of interchangeable tyre treads and retreading rubber tyres
																	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
1.8	-1.5	4.6	1.2	-1.0	4.4	8.2	-8.0	7.2	-5.1	1.1	0.2	4.8	-1.8	9.8	-0.3	0.4	Rubber remilling and latex processing
-5.4	8.1	1.1	-4.0	-2.7	-8.5	-0.1	0.2	-3.0	0.4	3.9	12.3	-5.2	3.5	6.5	-4.7	-4.3	Manufacture of rubber gloves
6.0	-1.2	-3.7	-2.4	0.7	1.2	-9.3	-2.4	4.3	-0.01	-2.2	2.0	-2.0	2.5	1.1	-2.2	-1.6	Manufacture of other rubber products n.e.c.
1.8	-0.1	-1.2	0.9	1.3	1.6	-4.0	-1.6	0.1	4.3	0.6	-4.4	3.4	0.3	1.3	1.6	-0.7	Manufacture of plastics products
-5.2	5.2	0.2	2.4	1.5	2.0	0.4	2.5	-4.6	6.0	0.3	-3.7	-1.8	2.6	5.6	-1.0	3.1	Manufacture of semi-manufactures of plastic products
																	Manufacture of finished plastic products
7.5	-0.8	-1.5	1.3	0.2	0.8	3.0	-7.2	11.0	5.5	1.3	-4.2	4.9	-0.8	-2.5	6.9	-5.1	Manufacture of plastic articles for the packing of goods
2.2	-13.5	10.9	3.1	-0.4	5.8	0.2	-8.3	18.6	-6.0	1.0	-0.8	2.6	-16.7	-0.9	3.5	1.4	Manufacture of builders' plastics ware
-0.4	6.8	-2.1	2.0	1.8	3.1	-24.1	5.7	1.8	-2.1	2.0	-1.2	-0.6	7.6	1.5	-0.3	-0.4	Manufacture of plastic tableware, kitchenware and toilet articles
4.0	-4.5	-2.3	-1.3	2.1	1.5	-9.2	-1.5	-6.1	3.3	-0.2	-6.6	8.8	-1.7	0.9	-0.7	-0.1	Manufacture of diverse plastic products n.e.c.
-0.7	-0.8	0.2	-2.9	-0.7	1.3	-4.8	-2.8	2.5	4.0	-0.7	-1.6	-0.9	1.2	0.3	-1.9	-0.5	Manufacture of glass and glass products

Jadual
Table **1.6c** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
: Salaries and Wages Paid of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-3.0	-0.3	0.5	5.3	-1.1	0.3	-1.8	-3.6	-3.5	1.5	-0.2	0.5	-0.6
23911	Pembuatan mortar refraktori dan konkrit													
23921	Pembuatan seramik bukan refraktori	4.5	-1.9	-2.2	5.6	-1.5	-4.6	-1.2	-4.2	-0.1	6.1	-4.6	-1.1	-1.0
23930	Pembuatan produk porselin dan seramik lain	-8.6	6.4	12.8	0.1	-2.0	5.1	2.4	-12.0	1.6	0.4	-1.3	10.8	-1.0
23941	Pembuatan simen hidrolik	-7.7	-9.2	-3.1	-2.8	-0.3	-13.6	-2.8	1.5	-20.6	-0.3	-2.7	3.6	-2.6
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	2.2	-0.2	0.3	7.8	7.3	3.5	1.6	0.2	-2.4	3.9	-0.9	-2.1	0.9
23952	Pembuatan konkrit pratuangan, simen atau artikel batu													
23953	buatan yang digunakan dalam pembinaan;													
23953	& Pembuatan komponen struktur pasang siap untuk bangunan	-5.3	0.5	1.7	3.1	-5.5	-2.6	-3.4	-1.6	-5.1	2.2	-0.5	2.3	-0.6
23959	atau kejuruteraan awam dari simen, batu atau konkrit buatan													
23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-4.2	-1.8	1.4	10.3	-1.8	6.3	0.5	-9.1	2.1	-5.9	-0.4	2.9	0.3
	Industri lain	-3.0	4.0	-4.4	6.4	-0.9	2.8	-9.7	-7.7	-0.1	4.3	7.6	-7.4	-3.6
241														
(24101 &														
24102 &	Pembuatan besi dan keluli asas	5.0	-6.1	-3.5	5.6	3.2	-4.1	-3.1	1.3	-8.1	2.5	-2.7	-2.4	-2.2
24103 &														
24104 &														
24109)														
242														
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	12.6	-2.4	-3.6	1.8	10.3	-5.3	-4.1	5.0	3.7	-3.4	-0.3	-0.1	-2.8
24202 &														
24209)														
243	Pengacuan logam	3.4	-6.0	-0.7	0.5	4.2	0.03	5.8	3.8	-1.9	-6.4	4.4	-7.8	0.1
251 &														
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	5.6	-4.8	2.6	-0.3	5.1	-2.2	2.0	3.6	-4.1	-0.8	-4.7	3.6	-1.5
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
25119	pintu pagar daripada logam	1.2	-3.7	1.3	0.4	2.0	-7.2	2.9	4.9	-9.5	2.6	-4.3	4.1	-1.1
25120	Pembuatan produk struktur logam lain													
25120	Pembuatan tangki, takungan dan kontena daripada logam	12.4	-5.8	4.6	0.1	7.4	2.5	0.8	2.8	-0.4	-2.8	-5.7	3.9	-1.9
	Industri lain	2.1	-5.9	1.2	-5.0	9.7	1.2	3.0	0.2	7.1	-7.2	-3.1	0.4	-1.3
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	3.7	-0.7	-1.3	2.9	4.0	-2.4	-1.0	-1.1	-0.3	-0.4	-0.6	1.3	-1.6
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.4	-1.1	3.9	8.0	2.5	0.3	2.1	-8.6	-2.1	0.6	-0.1	1.3	-4.9
25920	Rawatan dan penyalutan logam; menggunakan mesin	10.3	-1.0	-11.3	8.1	4.3	-5.3	-7.2	-5.4	2.7	-0.7	0.8	-0.5	-5.5
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	0.0	-1.2	1.6	5.5	2.1	-9.3	5.8	0.3	-0.3	-4.4	-0.2	4.0	-1.3
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam													
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	9.3	-1.9	-2.1	-4.0	6.9	-2.8	-2.2	2.0	3.0	0.9	-4.4	0.7	1.8
25994	Pembuatan barangan rumah daripada logam	3.8	-0.9	0.6	0.4	5.3	3.2	-6.9	1.4	2.5	-3.4	-0.5	3.2	-2.9
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	4.3	2.8	-3.0	2.5	5.1	1.0	-3.4	3.7	-2.1	0.3	2.8	1.9	-2.1
	Industri lain	-10.5	-6.5	10.1	8.3	-7.3	-3.0	3.6	-6.8	-12.4	-1.7	0.2	-2.9	2.5
261	Pembuatan komponen dan papan elektronik	-2.8	-4.5	-5.6	6.2	-2.3	-2.7	-1.0	-9.6	0.3	-3.1	-4.1	2.5	-0.3
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya													
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-1.4	-5.1	-0.2	5.3	-2.3	-2.4	1.4	-9.2	1.4	-1.3	-4.6	-1.8	3.3
26103	Pembuatan kapasitor dan perintang elektrik													
26104	& Pembuatan papan litar bercetak	-6.9	-3.7	-16.3	9.4	-2.8	-4.3	-6.7	-11.9	-1.2	-7.7	-3.4	12.7	-7.3
26105	& Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	7.1	-2.3	-8.4	-0.3	1.3	3.3	-1.9	3.0	-5.2	2.7	-1.4	-1.2	-0.5
262														
(26201 &	Pembuatan komputer dan kelengkapan peranti	-5.8	0.4	14.9	10.1	-6.7	1.2	3.4	-13.1	-0.5	-6.1	1.6	3.6	2.7
26202)														
263/														
26300	Pembuatan peralatan komunikasi	0.8	1.7	-5.5	9.3	7.3	-7.6	-11.9	-1.5	3.9	-1.9	-2.4	5.8	1.2
264/														
26400	Pembuatan peralatan elektronik pengguna	-13.6	-20.2	-19.3	24.1	4.5	5.1	-18.9	0.5	-14.8	-10.7	-8.8	3.9	-7.0
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-0.9	20.0	-5.9	4.8	-2.2	9.4	-5.1	-12.2	8.1	7.2	1.7	7.5	13.8
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan													
26512	Pembuatan kelengkapan kawalan proses perindustrian	-1.1	21.5	-6.2	5.2	-2.2	9.7	-5.7	-13.1	8.7	7.6	2.2	7.5	14.7
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.0	-3.1	-0.3	-3.8	-1.6	2.9	7.1	4.6	-0.6	0.2	-6.2	6.4	-2.8
266/														
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	13.8	-2.9	3.5	0.3	-8.6	-2.6	-4.0	1.3	4.3	0.4	-4.1	4.1	-9.3

2025																Group Description/Period	
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
0.3	-0.04	1.5	2.3	1.4	2.7	-2.3	-2.7	2.6	-0.3	0.2	-1.0	-0.9	-1.0	1.1	2.5	1.5	Manufacture of non-metallic mineral products
																	Manufacture of refractory mortars and concretes
-3.1	2.2	1.4	-1.1	0.6	14.0	-12.1	0.1	7.9	-8.4	-1.6	0.2	1.1	-3.0	0.2	-0.7	-0.3	Manufacture of non-refractory ceramic
5.2	5.8	1.5	-3.0	-2.4	5.8	-5.8	0.8	1.3	-2.5	11.5	-3.1	3.5	-4.7	2.1	-3.2	3.2	Manufacture of other porcelain and ceramic products
8.8	-16.0	1.1	1.0	-0.3	5.6	4.9	-11.3	-2.5	-1.6	-9.6	-1.4	13.1	-14.7	-1.4	-1.4	1.7	Manufacture of hydraulic cement
-0.5	-0.7	4.3	2.3	1.3	5.7	4.0	-2.0	1.2	1.6	1.4	2.3	-2.8	-0.01	7.5	5.9	0.2	Manufacture of ready-mix and dry-mix concrete and mortars
																	Manufacture of precast concrete, cement or artificial stone articles for use in construction
1.6	-0.3	-0.2	3.7	2.1	-5.0	0.4	-5.6	1.6	-0.9	0.8	-3.8	0.5	-2.6	0.1	0.3	4.0	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
																	Manufacture of other articles of concrete, cement and plaster n.e.c.
-5.0	8.2	0.1	4.0	1.9	5.9	-10.0	2.6	7.9	-0.9	1.1	1.2	-5.1	8.8	-3.2	5.6	0.05	Manufacture of other non-metallic mineral products n.e.c.
1.4	-3.5	4.9	1.2	1.4	6.3	-4.5	-0.8	-0.9	7.1	-3.2	-3.3	-3.7	-4.3	-0.3	2.6	0.7	Other industry
-2.8	1.1	2.9	-1.8	1.4	12.7	-3.1	-3.9	1.9	-1.9	-2.8	-0.6	-2.1	-1.3	3.9	-1.3	0.3	Manufacture of basic iron and steel
-0.3	-3.3	2.6	-2.4	-0.1	11.4	4.7	0.6	-6.6	2.0	-3.1	-2.8	-0.2	-2.2	1.7	-2.5	-0.04	Manufacture of basic precious and other non-ferrous metals
0.6	1.8	0.5	1.0	-3.6	2.8	7.9	-7.4	2.8	0.7	-0.04	0.5	1.3	5.7	0.8	0.5	-0.7	Casting of metals
2.4	1.1	-2.1	0.1	-1.2	4.4	5.6	-3.7	-1.5	-0.6	2.1	-2.2	2.7	2.5	-4.5	0.4	-3.9	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
																	Manufacture of metal doors, windows and their frames, shutters and gates
0.4	2.5	-4.0	2.6	-1.6	2.4	8.5	-9.5	-2.2	-3.0	1.4	-1.4	0.1	5.8	-1.8	-4.4	-2.9	Manufacture of other structural metal products
5.2	-1.5	1.6	-2.2	-1.2	7.9	1.2	2.5	-0.9	1.0	3.9	-3.8	5.6	-1.8	-6.1	6.1	-5.8	Manufacture of tanks, reservoirs and containers of metal
1.0	5.2	-7.1	-2.3	0.5	0.3	10.7	-1.4	-0.9	3.4	-2.2	1.1	1.4	7.4	-9.3	-1.6	-0.1	Other industry
-2.0	1.2	1.5	-0.6	-0.7	7.7	-0.2	-0.4	-0.8	-1.3	0.1	-1.6	-1.3	1.3	1.5	-0.2	-0.1	Manufacture of other fabricated metal products; metal working service activities
																	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
3.2	4.7	1.5	1.6	-0.2	11.4	-5.0	-0.6	2.7	-0.5	1.6	-5.5	3.4	4.1	-2.0	3.2	0.0	Treatment and coating of metals; machining
-1.1	-9.8	-0.5	11.7	-7.5	18.3	-5.2	2.0	-0.4	-4.6	-0.7	-1.7	0.1	-10.3	2.9	-0.8	-7.7	Manufacture of tins and cans for food products, collapsible tubes and boxes
2.7	-2.2	0.0	1.8	4.6	4.0	0.2	-2.1	-2.1	-8.9	2.8	-0.5	3.2	-3.0	12.1	-2.1	4.0	Manufacture of metal cable, plaited bands and similar articles
-4.6	1.5	0.6	-5.9	-1.8	7.1	2.7	1.5	-2.8	0.6	-3.8	1.7	-3.9	2.2	1.4	-0.8	-0.4	Manufacture of bolts, screws, nuts and similar threaded products
2.3	-1.6	1.0	1.5	-1.8	-0.2	7.7	-0.04	-4.6	5.8	1.7	-1.3	-2.6	-1.7	-9.2	0.4	-5.5	Manufacture of metal household articles
-6.1	4.7	3.2	-2.7	0.4	3.8	3.6	-1.6	-0.3	1.3	2.0	-2.9	-4.9	4.5	-0.6	-1.0	0.9	Manufacture of any other fabricated metal products n.e.c.
1.7	7.7	6.5	-0.04	-1.5	7.6	-7.4	-5.3	-2.0	-0.1	0.7	-0.9	-1.3	8.5	-0.7	0.3	0.6	Other industry
-8.1	1.7	3.0	-0.8	0.5	11.8	-9.0	0.2	-1.4	-1.1	-1.8	1.4	-2.5	0.2	3.6	2.0	0.8	Manufacture of electronic components and boards
																	Manufacture of diodes, transistors and similar semiconductor devices
-4.1	3.2	0.8	-0.4	-0.2	12.8	-8.8	-0.7	-1.4	2.9	-8.2	4.8	-0.8	0.5	5.2	3.0	0.2	Manufacture of electronic integrated circuits micro assemblies
																	Manufacture of electrical capacitors and resistors
-18.4	0.6	9.8	-2.2	2.6	9.5	-9.7	2.1	-2.3	-10.4	15.1	-5.8	-6.7	-1.0	0.6	-0.8	2.7	Manufacture of printed circuit boards
																	Manufacture of display components
2.6	-13.9	-2.7	4.0	-1.2	11.5	-8.8	3.2	4.8	-2.8	3.3	-0.9	-3.0	3.5	-5.3	2.0	0.5	Manufacture of other components for electronic applications
7.1	2.1	8.5	-0.9	-2.0	18.3	-13.6	-1.0	-5.7	-3.0	14.0	-1.1	-2.0	1.8	2.0	-2.5	-2.3	Manufacture of computers and peripheral equipment
-7.0	-2.3	1.4	-1.2	20.4	-7.9	7.1	-0.2	-0.4	-1.3	0.6	-19.2	7.7	-7.3	-1.5	0.9	6.7	Manufacture of communication equipment
-22.2	7.5	7.3	14.4	-0.5	4.6	0.0	0.8	3.0	2.2	1.5	-1.2	-22.3	2.9	8.2	15.1	-15.0	Manufacture of consumer electronics
-5.4	-15.8	-0.3	8.8	-0.4	8.5	-10.1	5.3	-0.8	2.0	1.8	14.1	-3.2	-16.0	0.5	8.2	-0.4	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
																	Manufacture of measuring, testing, navigating and control equipment
-5.8	-16.4	-0.3	9.3	-0.5	9.3	-10.7	5.7	-0.7	2.0	1.7	14.6	-3.5	-16.8	0.3	8.4	-0.4	Manufacture of industrial process control equipment
1.8	-3.5	0.4	-1.3	0.8	-6.5	5.3	-2.2	-2.9	2.5	3.1	3.0	2.5	-0.1	4.2	5.1	-0.5	Manufacture of watches and clocks and parts
10.7	-4.3	4.7	-0.7	-1.7	1.9	-10.2	1.5	0.0	-3.0	4.4	-8.7	2.5	-3.9	2.1	1.1	-5.9	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual **1.6c** : Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Bulanan/Suku Tahunan
 Table : *Salaries and Wages Paid of Manufacturing Sector by Group: Monthly/Quarterly Percentage Change*

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025			2024					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jan.	Feb.	Mac	Apr.	Mei	Jun
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5.6	-6.3	-2.2	6.1	-4.9	3.5	-1.6	-4.1	3.6	8.4	-10.0	-5.6	4.7
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	2.1	1.9	1.7	-4.1	3.7	0.9	1.8	-2.8	-4.3	-1.5	-1.6	8.5	1.5
27101	Pembuatan motor elektrik, penjana dan transformer	-1.2	-2.0	9.4	-2.1	3.9	4.7	-1.5	5.5	-11.4	2.1	-7.6	11.9	3.1
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	4.5	4.5	-3.3	-5.5	3.5	-1.8	4.5	-8.1	0.8	-3.9	2.4	6.5	0.5
272/ 27200	Pembuatan bateri dan akumulator	-0.2	10.5	-1.8	-8.7	-5.5	13.2	0.3	-6.5	13.5	-3.8	3.5	8.9	-2.1
273	Pembuatan pendawaian dan peranti pendawaian	-5.3	-5.1	5.2	-1.6	-2.9	-2.4	0.8	0.9	-2.8	-0.4	-12.1	14.8	-1.4
27310	Pembuatan kabel gentian optikal	-10.9	14.6	3.0	1.2	-3.0	11.2	-2.7	-13.5	0.3	-1.3	6.3	9.1	7.0
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-5.4	-7.4	5.7	-1.7	-3.1	-4.4	1.3	2.2	-3.4	0.1	-14.8	16.2	-2.5
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	13.1	3.1	0.2	-6.1	2.7	1.8	1.5	13.7	6.0	-8.7	6.9	0.1	1.5
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1.9	-4.7	14.9	0.1	9.1	0.2	11.2	-8.8	-3.4	0.03	-11.0	10.6	3.5
275/ 27500	Pembuatan perkakasan domestik	-1.8	-14.6	4.2	1.2	-10.4	-19.5	-1.2	-3.4	0.3	2.0	-23.9	15.8	0.2
279/ 27900	Pembuatan kelengkapan elektrik lain	-0.3	6.9	3.7	9.4	0.2	8.4	4.0	-0.8	-12.8	3.3	4.7	3.1	8.0
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-0.8	-6.9	2.3	7.5	-1.0	-6.3	3.2	-3.5	-1.7	-3.9	-2.2	-2.0	-0.6
28120 &	Pembuatan alat-alat kuasa bendalir	-39.2	-0.4	6.5	19.9	-32.4	-0.2	3.2	-45.6	-2.4	-2.7	-1.8	6.5	-0.2
28130	Pembuatan pam, pemampat, kepala paip dan injap lain													
28180 &	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-7.1	-5.8	8.7	12.3	-2.5	-4.9	2.7	-9.6	1.1	-9.2	-1.5	3.0	-0.8
28220	Pembuatan jentera pembentukan logam dan alatan mesin													
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	17.9	-15.4	-2.4	9.4	15.4	-12.6	7.7	5.8	9.2	-3.8	-15.2	-0.8	0.03
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	5.3	-3.9	-0.3	6.6	-18.5	-11.9	3.3	5.9	-7.7	-1.7	2.5	-5.3	3.2
		2.2	-5.8	1.3	3.6	3.1	-4.4	2.0	2.6	-4.7	-2.5	0.8	-4.4	-1.5
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-9.3	-6.8	2.0	6.6	-14.6	-2.9	6.8	-12.0	-0.6	-10.2	-0.7	2.0	-0.7
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	-4.2	-3.1	2.4	2.2	-1.3	-1.8	2.8	-5.1	-0.2	-7.6	2.1	0.2	-0.2
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-2.5	11.8	-4.1	2.2	-1.4	10.1	-4.8	-9.9	2.3	0.2	10.5	1.0	-1.0
301 (30110 & 30120)	Pembinaan kapal dan bot	7.9	-1.3	2.1	5.5	10.2	-0.6	-4.2	2.8	-3.9	14.2	-10.1	2.6	0.8
302, 303, 304 & 309	Pembuatan lokomotif keretapi, <i>rolling stock</i> , kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	2.7	1.3	-3.8	2.6	0.7	-1.0	-2.5	-0.3	2.6	2.7	-1.0	1.5	-3.9
30910	Pembuatan motosikal	1.2	1.6	-3.1	6.2	0.8	-0.4	-1.7	0.9	-0.9	5.1	-1.3	1.8	-3.8
30920	Pembuatan basikal dan <i>invalid carriages</i>	-2.2	1.8	2.7	-8.8	-0.5	5.3	-7.5	-4.7	0.2	-1.2	0.1	3.7	0.2
	Industri lain	8.4	0.4	-7.8	-1.4	0.7	-4.7	-2.6	-1.2	11.9	-0.9	-0.8	0.2	-5.7
310	Pembuatan perabot	0.8	-4.3	0.1	4.2	1.0	-4.0	1.3	0.0	-3.1	-0.5	-2.9	2.1	-4.2
31001	Pembuatan perabot kayu dan rotan	1.2	-4.8	-0.8	4.8	0.9	-3.6	1.3	-0.1	-3.3	-0.2	-3.7	2.4	-4.4
	Industri lain	-1.2	-2.3	3.9	1.9	1.6	-5.6	1.3	0.2	-2.3	-2.0	0.5	0.6	-3.2
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	-1.3	-1.4	-2.5	3.4	10.7	-2.9	-5.4	-9.1	4.4	1.1	-2.4	-0.1	-3.1
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	-1.4	-0.6	3.8	7.7	0.6	-2.5	5.8	-6.8	0.8	-0.4	-0.7	0.7	-0.6
32901	Pembuatan alat tulis	0.1	-2.4	12.0	-0.3	2.2	2.5	11.7	-0.6	-0.01	-2.9	-2.5	2.0	2.7
	Industri lain	-1.7	-0.1	1.9	9.8	0.2	-3.7	4.3	-8.2	0.9	0.2	-0.3	0.4	-1.3
323/ 32300	Pembuatan barangan sukan	0.3	-8.3	-7.2	-1.4	4.8	0.2	-3.5	5.2	-3.0	2.1	-9.6	5.4	-7.2
324/ 32400	Pembuatan permainan dan mainan	-18.7	13.5	1.1	-1.3	-21.9	14.4	6.9	-30.4	-0.2	11.9	6.0	-0.3	-0.8
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	2.1	-0.9	-4.7	4.5	2.1	-0.5	-4.2	-2.8	0.6	0.1	1.5	-2.4	-3.0
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	-0.9	-1.7	-22.2	5.6	1.3	-1.4	-20.5	-19.3	9.3	-3.8	3.4	-6.7	-2.5
	Industri lain	3.0	-0.6	0.7	4.2	2.3	-0.3	-0.3	3.5	-1.9	1.4	0.9	-1.1	-3.1
Jumlah Pembuatan		-0.9	-1.3	-0.1	4.1	-0.8	-1.3	0.1	-4.5	-1.3	-0.2	-1.4	1.0	0.1

2025																	Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	
-3.2	-1.8	3.5	0.8	-0.6	11.6	-14.7	3.6	4.3	-2.1	1.1	2.4	-2.5	-3.2	3.7	0.8	-1.5	Manufacture of optical instruments, photographic equipment, magnetic and optical media
0.4	-3.3	-0.5	-3.6	-5.1	14.1	-0.6	-4.2	0.4	-3.8	9.8	-1.0	1.2	-2.1	-1.1	-2.5	-0.1	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2.7	-0.3	3.0	-3.0	-2.5	2.1	4.6	-5.2	6.9	-6.5	12.9	1.4	-3.6	-5.6	3.4	-0.2	-0.1	Manufacture of electric motors, generators and transformers
-1.1	-5.3	-3.1	-4.2	-7.2	23.9	-4.0	-3.5	-4.3	-1.5	7.5	-2.8	5.2	0.5	-4.4	-4.3	-0.1	Manufacture of electricity distribution and control apparatus
-2.3	-2.0	1.3	-3.4	-5.5	-6.3	0.3	2.7	-4.2	6.4	9.1	6.7	-4.9	-1.4	-2.6	-1.5	-1.7	Manufacture of batteries and accumulators
5.4	-3.3	-4.5	5.2	-8.1	9.6	-5.0	-1.3	-0.5	-8.1	10.0	0.9	0.7	-2.4	-5.8	-4.1	-8.4	Manufacture of wiring and wiring devices
-1.8	-4.2	1.1	-1.9	1.7	7.9	-13.2	7.0	2.8	8.1	-3.0	2.6	-1.8	-1.2	-2.4	-23.7	-2.1	Manufacture of fibre optic cables
6.6	-3.3	-5.3	6.6	-9.5	10.3	-4.1	-2.6	-0.8	-10.7	12.6	0.5	1.1	-2.5	-6.8	-1.2	-9.6	Manufacture of other electronic and electric wires and cables
0.3	-0.9	-1.4	-3.8	-2.1	0.7	-0.1	6.5	-3.6	1.0	0.4	2.6	0.2	-2.7	4.1	-4.0	0.8	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
10.8	-0.6	-4.3	-2.8	0.2	18.2	-7.7	10.0	-1.9	-1.0	-1.2	0.9	12.3	-1.3	-1.1	7.7	2.4	Manufacture of electric lighting equipment
-2.8	7.9	-8.3	-0.6	4.9	5.7	-11.7	-5.3	-0.4	-17.6	1.4	-3.5	-3.6	7.3	-1.2	-0.5	6.0	Manufacture of domestic appliances
-8.1	6.6	4.9	-1.5	4.1	7.9	-1.5	-6.0	-1.3	6.7	3.4	7.3	-4.2	-0.8	9.4	-0.4	0.3	Manufacture of other electrical equipment
2.2	0.4	2.7	2.4	0.1	8.7	-4.5	-0.8	-4.2	-1.9	-2.6	0.7	2.7	-0.4	3.4	2.4	-0.3	Manufacture of general-purpose and special-purpose machinery
1.2	3.0	3.7	12.8	-5.2	19.6	-37.4	-3.0	-0.2	-1.8	2.5	3.4	-5.7	0.7	16.9	8.5	-4.8	Manufacture of fluid power equipment
4.7	-0.02	9.9	1.9	-1.8	14.5	-5.4	-4.2	-7.4	4.1	-2.9	-1.1	1.2	0.8	8.1	2.7	-1.6	Manufacture of other pumps, compressors, taps and valves
-1.0	-2.4	1.1	1.2	7.3	9.2	2.3	8.2	-3.6	-15.3	0.2	8.4	2.3	-0.6	0.3	4.0	7.4	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-1.4	0.2	2.3	4.1	-0.1	2.5	-12.8	-5.9	-13.1	1.3	-3.2	-0.4	4.1	-1.2	4.2	0.7	-2.7	Manufacture of metal-forming machinery and machine tools
3.0	1.2	0.2	1.3	-0.3	6.1	0.4	-0.9	-1.6	-0.4	-3.6	-0.8	4.1	-0.8	1.0	1.4	-1.4	Manufacture of air-conditioning machines, including for motor vehicles
-1.5	5.1	-0.04	-1.2	-1.0	20.6	-21.1	1.0	-13.1	-1.2	8.6	5.4	-3.4	5.9	0.1	-0.1	-1.1	Manufacture of other special-purpose machinery
3.0	-0.8	0.2	0.1	1.6	3.4	-2.8	2.3	-7.9	1.9	1.7	0.0	2.2	0.2	-0.3	-0.9	0.3	Other industry
-3.6	0.2	-0.8	2.0	-2.1	6.2	-6.2	2.4	0.6	11.0	-3.2	0.5	-1.9	-3.3	0.1	2.0	-0.3	Manufacture of motor vehicles
-1.4	2.0	2.1	1.4	1.1	3.5	2.0	0.7	14.4	-8.8	-0.6	0.1	-2.0	0.1	-6.6	3.0	1.3	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
0.3	-4.7	3.6	1.7	-0.5	1.4	0.5	-0.5	-0.7	-1.3	3.9	-4.8	-0.1	-3.7	6.5	1.5	-1.4	Manufacture of parts and accessories for motor vehicles
-2.2	-0.7	4.9	2.6	-0.6	2.9	-0.3	-0.1	-1.7	-2.1	7.5	-5.8	-2.0	-1.0	7.9	2.5	-2.3	Building of ships and boats
16.8	-20.7	2.0	0.0	-0.6	-5.5	0.9	2.9	2.2	0.7	3.1	-0.1	6.8	-21.4	0.4	-1.0	0.8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
-0.1	-6.7	1.2	0.03	0.03	0.2	2.2	-2.9	0.9	0.3	-5.1	-3.9	2.2	-2.9	5.1	-0.6	0.4	Manufacture of motorcycles
0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9	-0.7	-3.2	2.4	-2.8	0.6	1.0	3.5	0.1	-0.8	Manufacture of bicycles and invalid carriages
-0.9	1.8	3.5	-0.7	0.4	6.6	-1.0	-3.2	-0.8	-3.0	3.1	-3.3	0.5	1.4	3.4	-0.4	-1.4	Other industry
5.2	0.2	1.8	2.2	-1.6	-1.3	4.2	-1.4	-0.6	-4.2	-0.6	-0.7	1.3	-0.8	3.8	2.0	1.7	Manufacture of furniture
1.1	-1.2	-2.0	3.4	-2.6	10.7	3.6	0.5	1.4	-2.7	0.1	-4.0	-1.3	4.3	-12.6	-0.5	15.0	Manufacture of wooden and cane furniture
3.0	1.0	0.8	2.5	2.5	7.3	-5.5	0.7	0.8	-1.6	-2.1	-0.9	6.1	1.2	1.0	4.4	-2.0	Other industry
3.6	8.9	-0.9	-3.3	0.1	2.4	-0.7	1.2	1.4	-1.3	2.6	2.3	4.9	6.9	-1.8	1.8	-1.0	Manufacture of jewellery, bijouterie and related articles
2.9	-0.9	1.3	4.1	3.0	8.4	-6.5	0.6	0.7	-1.6	-3.3	-1.8	6.4	-0.3	1.7	5.1	-2.2	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
6.6	-16.0	1.9	0.2	2.9	4.3	-2.0	5.4	-1.6	1.9	-2.2	-2.5	-1.3	1.0	-1.5	0.4	1.1	Manufacture of stationery
-1.0	3.9	0.7	-6.1	-0.8	11.6	-30.2	4.7	3.8	5.4	4.9	3.1	-3.4	-0.4	21.2	-14.5	0.5	Manufacture of toys
-1.9	0.2	-0.5	0.9	3.5	4.6	-3.0	1.8	-0.3	1.8	-2.3	-3.3	-1.2	-0.1	-0.1	0.4	2.7	Manufacture of sports goods
-20.0	1.0	1.7	-5.4	9.6	9.9	-12.4	9.4	-1.8	3.0	-7.0	-4.0	-17.6	-0.7	6.5	-0.3	17.1	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
3.6	0.01	-1.0	2.4	2.1	3.3	-0.6	0.1	0.05	1.5	-1.1	-3.1	2.6	0.01	-1.3	0.6	-0.1	Repair and maintenance of transport equipment except motorcycles and bicycles
-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	-0.4	-0.9	0.1	0.2	-0.2	-0.6	1.7	1.0	-0.3	Other industry
-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	-0.4	-0.9	0.1	0.2	-0.2	-0.6	1.7	1.0	-0.3	Total Manufacturing

Jadual **2** : Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih
Table : Production of Major Products in Selected Manufacturing Industries

Keterangan Produk Product Description	Unit Kuantiti Quantity Unit	2023	2024	2024							
				Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.
Ikan tin Canned fish	Tan Tonne	5,748	5,959	567	487	615	513	545	525	461	486
Ikan segar sejuk beku Frozen fish	Tan Tonne	19,660	20,260	1,631	1,412	1,518	1,417	1,506	1,692	1,857	1,780
Bebola ikan Fish ball	Tan Tonne	7,794	9,448	668	516	694	858	985	922	880	903
Sotong sejuk beku Frozen cuttle fish/squid	Tan Tonne	7,063	6,701	504	398	571	553	639	667	539	569
Udang geragau/udang sejuk Frozen shrimps/prawns	Tan Tonne	17,266	21,941	1,666	1,626	1,996	1,975	2,097	1,947	1,692	1,977
Jem (semua jenis) Jams (all types)	Tan Tonne	11,851	10,335	1,044	675	697	773	790	811	764	766
Minyak kelapa mentah Coconut (copra) oil and its fraction crude oil	Tan Tonne	18,795	21,762	1,769	1,800	1,980	1,900	1,864	1,624	1,644	1,613
Minyak kelapa, ditapis Coconut oil, refined	Tan Tonne	73,933	70,881	5,652	4,005	4,075	5,603	6,454	5,978	6,162	6,158
Lemak dohl/shortening Dough fats/shortening	Tan Tonne	158,613	156,647	13,488	11,799	10,637	12,821	12,503	13,621	14,137	14,055
Marjerin Margerine	Tan Tonne	73,536	86,989	6,562	7,018	6,092	7,238	6,757	8,366	8,869	9,047
Minyak masak campuran Blended/deodorised cooking oil	Tan Tonne	481,565	462,606	46,502	38,326	36,909	39,659	36,209	33,436	28,091	33,354
Susu pekat manis Sweetened condensed milk	Tan Tonne	469,591	479,533	39,248	39,708	41,263	35,134	42,701	46,271	50,471	44,842
Minuman susu Milk drinks	Liter ('000) Litres ('000)	120,976	128,558	10,958	9,516	9,001	8,016	9,595	10,596	12,966	12,946
Beras Whole rice	Tan Tonne	683,766	659,091	47,524	53,086	54,190	58,709	66,017	53,036	54,718	55,985
Beras hancur Broken rice	Tan Tonne	102,686	118,292	7,803	7,577	8,487	9,915	13,208	10,344	11,366	11,425
Tepung gandum Wheat flour	Tan Tonne	1,003,698	866,005	88,728	90,120	63,457	64,667	74,265	71,244	69,733	70,272
Roti dan kek Bread and cakes	Tan Tonne	599,866	786,730	46,866	74,165	68,821	63,945	65,334	76,087	81,228	70,878
Mee dan bihun Mee and bihun	Tan Tonne	260,710	255,834	23,469	24,119	20,683	22,280	21,629	19,682	20,981	19,649
Sos dan bahan perasa Sos and flavoring ingredients	Tan Tonne	93,755	96,621	9,773	9,247	7,351	6,029	6,041	7,195	7,906	8,431
Kelapa kering Desiccated coconuts	Tan Tonne	4,646	3,738	281	285	345	417	346	329	256	253
Makanan ayam itik campuran Mixed poultry feed	Tan Tonne	2,386,374	2,326,091	216,342	175,096	192,375	199,476	179,888	160,106	177,267	181,205
Hidangan ikan Fish meals	Tan Tonne	106,406	76,757	6,922	6,888	8,175	8,995	6,261	5,208	4,967	5,248
Biskut Biscuits	Tan Tonne	124,962	140,238	11,728	12,730	12,957	12,534	12,340	11,264	10,018	10,933
Gula bertapis Refined sugar	Tan Tonne	1,981,898	1,962,043	167,446	155,467	176,536	173,478	144,731	140,421	160,308	146,044
Minuman manis berkarbonat Sweet beverages (carbonated)	Liter ('000) Litres ('000)	357,856	458,276	38,301	32,522	34,378	36,305	38,079	41,348	40,729	41,411
Minuman manis tidak berkarbonat Sweet beverages (non-carbonated)	Liter ('000) Litres ('000)	2,025,653	1,816,396	175,017	153,946	164,805	157,307	144,786	132,369	130,896	136,563

2025														
Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.
484	454	409	414	433	429	517	470	468	457	406	408	385	355	310
1,834	2,251	1,653	1,708	1,160	1,236	1,328	1,330	1,386	1,408	1,684	1,569	1,541	1,781	1,402
908	806	684	625	596	574	600	600	667	695	685	652	430	406	339
573	568	570	549	447	390	396	395	444	464	408	393	397	387	382
2,011	1,782	1,654	1,518	1,463	1,470	1,516	1,618	1,626	1,651	1,455	1,567	1,602	1,403	1,201
877	931	1,113	1,095	1,097	770	809	868	888	945	935	907	878	909	1,090
1,842	2,092	2,031	1,603	2,285	2,334	2,367	2,457	2,464	2,301	2,358	2,273	3,151	3,588	3,519
6,595	7,521	6,951	5,727	7,101	6,358	6,266	6,333	7,318	6,916	7,230	7,090	7,478	7,968	7,465
13,711	14,901	12,238	12,735	12,830	11,924	10,740	10,670	10,004	9,719	9,476	9,099	10,305	10,339	10,167
7,954	8,939	5,221	4,926	5,917	6,552	5,674	6,875	6,287	7,097	7,113	7,064	8,238	8,614	6,204
38,381	48,530	41,440	41,769	46,476	43,465	44,744	46,086	37,429	40,426	42,656	44,280	37,796	30,322	37,969
39,492	33,951	31,414	35,038	34,986	35,950	38,314	33,787	36,935	41,853	43,900	38,682	33,836	30,159	27,407
12,543	12,006	10,565	9,850	9,627	9,054	8,757	8,319	9,983	11,362	13,496	13,094	12,564	12,333	10,788
57,838	50,042	55,063	52,884	45,211	51,047	54,853	55,887	55,946	50,650	49,025	47,544	47,131	40,440	40,122
11,099	10,209	8,397	8,462	7,408	7,393	7,824	8,155	8,350	7,390	7,505	7,174	6,535	6,081	4,990
62,554	60,599	78,752	71,614	71,987	73,347	65,778	63,786	73,484	69,846	65,564	65,073	57,304	58,395	69,519
65,401	63,580	60,186	50,240	56,910	86,260	81,438	76,481	77,845	93,197	88,574	76,340	68,121	66,141	66,168
21,446	22,440	20,971	18,484	23,303	23,036	20,201	22,362	21,986	19,223	20,394	20,228	23,654	23,999	22,352
7,652	8,453	8,667	9,875	10,003	9,981	7,787	6,449	6,135	6,927	7,678	8,260	7,874	8,746	8,817
274	301	329	323	327	328	317	388	317	297	228	231	250	276	288
180,448	185,549	219,287	259,052	237,419	191,539	188,468	186,417	186,430	163,948	187,950	195,967	199,454	197,576	241,086
5,317	4,830	6,970	6,977	7,612	7,499	7,338	7,393	6,036	5,003	5,064	5,406	5,591	5,005	7,316
11,422	13,883	9,971	10,458	9,585	10,578	10,622	10,443	11,030	9,770	9,240	9,639	9,741	10,543	9,382
154,790	164,122	187,692	191,007	175,200	170,724	186,320	189,562	175,353	165,997	177,700	171,807	185,803	186,625	188,179
40,636	40,204	32,469	41,896	39,092	34,743	35,736	38,030	37,520	41,851	42,186	42,982	44,031	43,212	34,569
134,413	137,242	167,749	181,304	174,524	168,522	176,475	170,838	156,378	148,552	148,654	155,879	158,862	158,074	178,156

Jadual **2** : Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih
Table : Production of Major Products in Selected Manufacturing Industries

Keterangan Produk Product Description	Unit Kuantiti Quantity Unit	2023	2024	2024							
				Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.
Air mineral dan minuman Mineral and drinking water	Liter ('000) Litres ('000)	709,585	772,679	45,346	52,690	39,526	52,711	65,351	70,556	71,242	74,004
Kain kapas Cotton cloth	Meter ('000) Metres ('000)	41,668	63,561	4,101	5,339	4,819	5,399	6,234	5,860	5,179	5,391
Seluar lelaki Pants, males	Bilangan ('000) Number ('000)	2,433	741	100	95	131	122	84	33	32	31
Kemeja lelaki Shirts, males	Bilangan ('000) Number ('000)	15,444	16,061	1,442	1,269	1,255	1,332	1,427	1,435	1,536	1,327
Blaus Blouses	Bilangan ('000) Number ('000)	3,297	3,003	290	277	299	321	286	254	259	226
Pakaian perempuan Dresses	Bilangan ('000) Number ('000)	2,270	2,024	155	151	193	213	178	173	179	175
Kasut getah (semua jenis) Rubber footwear (all types)	Pasang ('000) Pairs ('000)	1,835	1,366	120	121	132	135	93	96	84	71
Kiln kayu kering Kiln dried timber	Tan Tonne	138,378	137,514	7,802	7,162	11,162	13,634	13,548	14,280	15,513	11,777
Kayu gergaji Rubberwood (sawn)	Tan Tonne	122,365	143,775	9,522	10,698	10,113	13,223	14,833	13,290	13,308	11,812
Kepingan venir Veneer sheets	Meter Padu Cubic metre	284,746	167,337	16,941	19,245	17,694	19,541	10,733	13,149	10,552	10,169
Papan gentian berkepadatan sederhana Medium density fibreboard	Meter Padu Cubic metre	2,622,634	2,813,977	242,756	287,791	250,672	200,194	185,950	147,463	180,044	250,134
Papan lapis Plywood	Meter Padu Cubic metre	4,365,151	5,093,667	414,852	461,286	476,305	437,668	409,641	467,737	426,992	413,460
Ukiran kayu Timber moulding	Meter Padu Cubic metre	46,997	45,823	3,118	3,343	4,054	4,903	4,787	3,316	3,358	3,401
Kayu balak siap Dressed timber	Meter Padu Cubic metre	6,343	6,400	808	723	699	847	668	385	311	311
Rak dan beg kertas Sacks and bags of paper	Bilangan ('000) Number ('000)	331,989	293,085	26,400	28,551	26,511	25,697	24,506	22,804	22,327	22,692
Kertas tisu Tissue paper	Tan Tonne	85,245	84,748	6,954	6,522	6,700	6,865	6,690	7,301	7,459	7,321
Kertas napkin Napkin paper	Tan Tonne	2,111	1,310	95	99	129	119	123	135	135	105
Kertas tandas Toilet paper	Tan Tonne	46,047	38,746	3,094	3,406	3,685	3,181	3,089	3,409	3,682	2,732
Minyak tanah Kerosene	Tan Tonne	3,275,428	3,619,726	253,995	190,453	311,056	292,481	411,133	474,660	252,813	274,740
Gas petroleum cecair Liquefied petroleum gas	Tan Tonne	2,524,079	2,385,651	136,970	222,607	212,854	223,760	268,505	228,952	212,700	207,382
Minyak bahan api Fuel oil	Tan Tonne	1,935,352	2,128,383	153,465	131,820	176,134	166,257	194,274	218,603	188,277	221,406
Minyak diesel/gas Diesel/ gas oil	Tan Tonne	16,187,264	16,993,319	1,312,278	1,419,683	1,607,736	723,593	1,281,299	1,355,676	1,448,086	1,451,313
Gasolin (spirit motor) Gasoline (motor spirit)	Tan Tonne	4,639,314	4,277,629	215,923	253,667	257,685	242,704	394,924	427,782	484,501	500,883
Minyak pelincir campuran Blended lubricating oil	Tan Tonne	186,354	239,731	16,928	15,949	17,035	17,188	18,666	20,384	19,797	25,425
Nafta Naphtha	Tan Tonne	2,974,988	3,381,541	172,666	242,018	228,330	277,386	360,008	494,869	283,453	277,592

2025														
Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.
77,360	71,401	84,818	67,672	53,301	56,564	43,161	56,965	61,068	66,063	66,367	69,780	73,180	70,198	84,281
5,295	6,158	4,984	4,803	4,145	4,967	4,493	5,130	6,250	5,453	5,529	5,495	5,407	6,417	5,443
33	35	26	20	26	31	37	29	21	20	19	19	22	21	23
1,192	1,382	1,291	1,174	1,423	1,337	1,297	1,377	1,456	1,422	1,495	1,338	1,248	1,276	1,230
205	201	196	190	222	223	235	251	216	187	190	182	172	173	172
159	152	157	138	150	155	192	214	176	166	168	170	160	155	161
86	119	167	141	125	124	136	148	120	109	99	85	106	93	134
12,386	9,145	11,084	10,021	9,204	8,886	9,611	10,614	11,224	11,217	12,892	12,045	12,280	10,111	12,430
13,976	13,912	10,351	8,737	10,463	11,803	11,043	10,215	11,988	10,087	10,580	9,359	11,777	10,621	8,179
10,072	10,869	15,675	12,700	14,025	16,010	14,871	14,955	9,997	11,600	9,260	9,357	9,733	9,985	13,103
221,255	226,067	306,650	315,001	258,201	303,831	261,414	223,777	201,517	161,379	198,253	202,898	158,419	198,621	292,747
389,753	434,796	380,902	380,275	362,927	420,792	447,551	404,049	394,118	425,851	386,891	379,462	376,116	397,670	343,167
3,203	3,412	4,857	4,071	3,113	3,298	4,169	5,119	5,188	3,567	3,633	3,651	3,250	3,643	5,191
335	336	407	570	784	695	698	713	621	360	295	288	290	298	362
21,267	21,250	26,777	24,303	23,810	26,059	24,039	23,607	20,169	19,109	19,519	19,910	19,714	19,085	20,922
7,244	6,497	7,587	7,608	6,927	6,574	6,835	6,763	6,399	6,948	6,615	6,403	6,460	6,118	6,958
99	92	89	92	94	99	93	86	85	90	85	66	80	76	75
2,706	2,704	3,645	3,415	3,229	3,577	3,996	4,340	4,159	4,540	4,604	4,023	4,017	4,151	5,663
298,937	280,520	265,893	313,046	329,335	264,349	409,971	378,470	476,092	565,320	292,757	289,027	317,770	289,864	254,725
187,671	168,910	171,732	143,608	150,119	247,762	237,156	254,415	314,688	265,845	248,665	249,169	208,128	165,025	160,055
214,007	154,872	140,022	169,249	197,099	171,894	224,746	208,819	215,449	254,672	216,464	203,486	192,823	147,125	136,723
1,358,727	1,533,032	1,802,183	1,699,715	1,637,723	1,807,256	1,929,283	859,629	1,420,960	1,548,182	1,649,370	1,699,176	1,620,961	1,802,846	2,095,938
452,133	458,295	277,304	311,827	272,711	322,665	322,345	296,342	487,560	539,433	647,777	553,977	409,181	404,675	253,456
24,644	25,017	19,883	18,815	17,653	16,456	17,169	17,021	17,198	17,939	17,568	18,305	18,103	17,881	17,366
236,990	253,202	332,509	222,517	236,208	318,253	294,774	354,777	408,025	575,037	353,182	295,412	255,238	246,366	303,581

Jadual 2 : Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih
Table 2 : Production of Major Products in Selected Manufacturing Industries

Keterangan Produk Product Description	Unit Kuantiti Quantity Unit	2023	2024	2024							
				Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.
Gas asli cecair Liquefied natural gas	Tan Tonne	31,279,579	31,016,985	2,930,110	2,830,335	3,293,275	2,296,557	2,178,371	2,603,478	2,923,077	2,442,018
Nitrogen dan oksigen Nitrogen and oxygen	Meter padu ('000) Cubic metre ('000)	526,966	455,285	45,944	42,849	43,087	42,132	42,601	38,053	36,040	29,069
Methanol (methyl alcohol) Methanol (methyl alcohol)	Tan Tonne	5,090,653	6,418,393	555,053	536,428	518,656	440,918	498,892	459,146	451,584	540,189
Baja (termasuk urea) Fertilizers (includes urea)	Tonne Tonne	5,906,343	5,369,283	434,307	471,171	473,629	428,788	394,695	469,067	474,196	464,437
Sebatian P.V.C P.V.C. compound	Tan Tonne	56,303	43,615	3,679	3,749	3,625	3,944	3,546	3,487	3,535	3,706
Racun serangga aerosol Aerosol insecticides (liquid)	Liter Litres	5,163,308	4,240,499	422,415	413,931	377,944	394,043	356,576	337,765	356,507	340,165
Racun herba (cecair) Herbicides (liquid)	Liter ('000) Litres ('000)	91,732	71,789	8,842	8,245	7,945	8,166	7,043	5,113	4,590	3,963
Racun herba (bukan cecair) Herbicides (non-liquid)	Tonne Tonne	57,643	27,890	2,965	2,962	3,004	3,073	2,309	1,894	1,949	1,582
Cat emulsi Emulsion paints	Liter ('000) Litres ('000)	69,896	53,918	6,195	6,202	5,309	4,222	4,637	3,974	4,033	3,815
Cat lapis Under-coats	Liter ('000) Litres ('000)	13,019	11,461	1,007	1,063	890	960	1,296	1,202	816	762
Cat asas Primers	Liter ('000) Litres ('000)	21,342	24,677	1,938	2,116	1,656	1,426	1,833	1,888	2,320	2,482
Dakwat pencetak Printing ink	Tan Tonne	21,012	25,485	2,556	1,950	2,075	1,974	2,239	1,989	2,011	2,145
Pelembut fabrik Fabric softener	Liter ('000) Litres ('000)	29,439	31,631	2,389	2,651	2,703	2,372	2,639	2,789	2,318	2,504
Sabun mandi Toilet soap	Tan Tonne	14,935	16,145	1,348	1,579	1,658	1,271	1,243	1,587	1,378	1,456
Sabun serbuk (bahan pencuci) Soap powder (detergents)	Tan Tonne	77,816	90,433	6,087	6,590	7,342	6,850	7,577	9,048	8,402	8,738
Pelekat perindustrian Adhesive, industrial	Liter ('000) Litres ('000)	166,252	168,412	13,705	13,425	11,673	13,720	13,890	14,641	13,629	13,993
Tayar pneumatik (semua jenis) Pneumatic tyres (all types)	Bilangan ('000) Number ('000)	4,753	4,655	498	495	459	384	367	378	376	363
Tiub dalam (semua jenis) Inner tubes (all types)	Bilangan ('000) Number ('000)	788	683	83	71	55	49	47	51	52	59
Getah mutu malaysia (semua gred) S.M.R. (all grades)	Tan Tonne	668,508	676,210	63,120	60,695	49,422	46,833	51,480	49,567	52,695	61,609
Susu getah diproses Processed latex	Tan Tonne	50,917	52,446	4,038	3,907	3,888	3,870	4,291	4,933	5,063	5,645
Sarung tangan getah Rubber gloves	Pasang (Juta) Pairs (Million)	66,998	74,126	6,083	6,454	7,515	7,423	6,740	5,881	5,791	5,960
Kondom Condom	Gross ('000) Gross ('000)	21,118	25,898	1,935	1,812	1,788	2,615	2,518	2,793	2,400	1,943
Paip P.V.C. P.V.C. pipes	Tan Tonne	123,126	130,202	10,551	10,997	12,930	11,565	11,718	11,558	11,377	9,029
Bata tanah Earthen bricks	Bilangan ('000) Number ('000)	201,043	192,614	15,569	16,178	13,476	17,896	14,389	12,023	12,377	12,186
Jubin seramik Ceramic tiles	M. Persegi ('000) Sq. metres ('000)	24,753	33,136	1,601	1,910	2,501	2,808	3,110	3,055	3,106	2,923

2025														
Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.
2,272,124	2,537,713	2,440,526	2,269,400	2,692,771	2,349,178	2,753,178	1,880,880	1,733,984	2,155,680	2,531,385	2,210,026	2,088,082	2,278,867	2,176,949
28,573	31,922	35,826	39,191	41,423	41,480	41,572	40,783	39,184	35,419	35,306	31,076	32,701	37,260	39,238
548,792	589,565	620,157	659,014	628,734	595,304	568,353	515,101	528,590	486,472	462,641	495,110	509,109	510,720	517,289
445,117	428,483	488,800	396,593	377,571	458,537	433,729	385,230	341,849	406,540	439,097	415,135	396,746	415,818	433,739
3,570	3,322	3,503	3,950	3,924	4,085	4,070	4,096	3,622	3,391	3,532	3,502	3,367	3,430	3,682
318,487	316,504	306,140	300,022	366,435	336,112	306,188	325,335	312,263	316,303	337,486	345,873	280,852	306,708	307,843
3,113	3,922	5,288	5,559	7,632	6,998	6,671	7,009	6,846	6,138	5,725	5,105	3,495	4,500	6,112
1,431	1,160	2,597	2,963	2,622	2,413	2,359	2,472	1,936	1,730	1,807	1,659	1,192	1,063	1,033
3,517	3,110	4,514	4,390	5,424	5,088	4,328	4,154	4,665	4,108	4,220	4,111	3,153	3,122	3,010
828	890	776	970	940	1,006	821	916	1,247	1,160	862	861	900	979	864
2,560	2,295	1,799	2,366	1,671	1,830	1,429	1,303	1,688	1,759	2,186	2,410	3,000	2,780	2,211
2,114	2,246	2,166	2,019	2,475	1,730	1,973	1,742	1,911	1,750	1,836	1,742	1,658	1,990	1,832
2,209	3,155	3,001	2,902	2,118	2,477	2,502	2,319	2,507	2,757	2,888	2,895	2,295	2,999	2,960
1,254	1,020	1,184	1,168	1,082	1,296	1,359	1,305	1,265	1,261	1,394	1,401	1,107	1,000	1,265
7,711	9,596	6,586	5,905	5,248	5,896	6,094	6,031	6,402	7,188	7,944	8,039	6,901	7,704	6,012
13,643	15,269	15,471	15,353	15,652	14,575	12,589	14,220	14,948	16,534	15,510	16,125	15,850	17,980	17,024
338	407	282	309	393	441	394	324	306	335	344	326	292	295	260
58	58	49	48	67	67	51	45	42	48	50	51	49	48	42
53,938	63,352	59,370	64,129	62,578	62,811	49,239	48,497	48,868	45,904	49,869	51,700	44,190	46,984	43,601
4,735	4,651	3,425	4,000	3,873	3,982	3,827	4,021	4,129	4,575	4,928	4,889	4,012	4,035	3,618
5,582	5,594	5,637	5,465	6,855	7,007	8,041	7,806	6,854	5,940	5,951	6,214	5,977	6,169	6,252
2,181	2,339	1,664	1,912	1,949	1,842	1,712	1,858	1,714	1,800	1,719	1,389	1,480	1,498	1,247
9,072	9,594	10,956	10,855	11,439	11,987	12,055	9,065	8,993	8,929	8,449	7,071	7,352	7,538	8,745
12,038	14,259	26,619	25,604	17,519	19,767	15,821	21,600	18,337	15,399	15,030	15,021	14,401	16,962	21,476
3,221	3,383	2,073	3,445	1,810	2,301	2,387	2,699	3,046	3,003	2,970	2,871	3,100	3,192	2,181

Jadual 2 : Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih
Table 2 : Production of Major Products in Selected Manufacturing Industries

Keterangan Produk Product Description	Unit Kuantiti Quantity Unit	2023	2024	2024							
				Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.
Simen (semua jenis) Cement (all types)	Tan ('000) Tonnes ('000)	23,191	27,188	2,461	2,592	2,873	2,044	2,018	1,898	1,880	1,903
Konkrit campuran siap Ready mixed concrete	Meter padu ('000) Cubic metre ('000)	39,836	40,936	3,826	3,269	3,576	3,007	2,973	3,316	3,602	3,613
Bumbung genting simen (semua jenis) Cement roofing tiles (all types)	Bilangan ('000) Number ('000)	42,152	40,418	4,870	1,965	2,241	3,017	3,689	3,568	4,617	3,750
Cerucuk, tiang konkrit Piles, poles, posts of concrete	Tan Tonne	1,247,529	1,257,134	118,429	118,521	99,513	106,085	115,120	96,306	90,639	94,735
Pasir silika (diproses) Silica sands (processed)	Tan ('000) Tonnes ('000)	167,623	153,669	10,811	16,977	12,523	9,194	15,195	10,038	11,985	11,800
Selak dan kekeras Bolts and nuts	Tan ('000) Tonnes ('000)	1,090,486	1,064,506	95,113	99,878	88,426	83,536	90,110	93,135	90,110	90,625
Bar dan batang besi dan keluli Iron and steel bars and rods	Tan Tonne	1,158,514	1,284,905	112,228	117,663	99,267	101,810	98,486	100,017	101,974	131,627
Kepingan besi yang disadur Galvanized iron sheets	Tan Tonne	202,278	191,851	10,953	11,315	10,570	18,687	19,291	16,433	15,204	20,656
Tin timah dan semua tin lain Tin cans and all other tins	Bilangan ('000) Number ('000)	2,550,785	2,323,567	231,574	233,684	219,582	224,930	181,767	155,717	163,170	168,485
Dram besi dan keluli Iron and steel drums	Bilangan ('000) Number ('000)	3,474	4,115	274	278	282	273	381	501	458	383
Dawai besi dan keluli Galvanised iron and steel wire	Tan Tonne	165,843	163,085	12,232	16,162	13,915	12,800	12,250	14,340	14,950	14,305
Dawai mata punai dan jaring Wire mesh and netting	M. Persegi ('000 Sq. metres ('000)	15,079	16,196	1,305	1,444	1,199	1,431	1,515	1,393	1,474	1,414
Transformer elektrik Electrical transformers	Bilangan ('000) Number ('000)	252,794	275,660	27,216	27,607	27,270	22,197	22,840	19,556	22,231	19,937
Dawai dan kabel yang tertebat Insulated wires and cables	Tan Tonne	143,781	106,987	9,254	10,778	11,357	13,595	9,969	7,661	9,100	8,651
Separa konduktor Semi-conductors	Bil. (Juta) Num. (Million)	35,227	35,958	3,050	3,390	3,289	2,496	2,761	3,309	3,415	3,312
Transistor elektronik Electronic transistors	Bil. (Juta) Num. (Million)	46,515	44,288	3,794	3,950	3,837	3,239	4,307	4,091	3,743	3,655
Litar bersepadu Integrated circuits	Bil. (Juta) Num. (Million)	51,838	39,361	3,031	3,145	3,272	3,506	4,872	3,133	3,281	3,415
Televisyen Television	Bilangan Number	13,583,353	13,798,012	1,000,226	901,036	1,005,501	1,013,545	1,519,004	1,271,186	1,151,505	1,320,396
Radio Radios	Bilangan ('000) Number ('000)	8,255	9,325	806	817	699	708	704	677	786	923
Penyaman udara Air-conditioners	Bilangan Number	3,342,121	3,578,572	276,871	299,728	321,088	311,847	333,088	248,657	306,764	276,400
Kereta penumpang Passenger cars	Bilangan Number	724,891	739,477	71,666	61,935	63,778	53,857	70,132	46,811	66,010	69,624
Kenderaan perdagangan Commercial vehicles	Bilangan Number	134,721	102,027	9,098	8,831	6,239	10,303	11,347	7,918	8,757	7,918
Wayar abah-abah, kenderaan bermotor Wire harness, motor vehicle	Bilangan ('000) Number ('000)	10,181	9,452	848	847	745	714	794	834	893	799
Motosikal dan skuter Motor cycles and scooters	Bilangan Number	355,243	403,622	33,309	30,392	29,122	30,919	42,033	35,122	37,465	35,439

2025														
Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.
1,882	2,011	2,794	2,831	2,815	2,741	3,140	2,263	2,178	2,127	2,162	2,202	2,089	2,207	2,855
3,584	3,814	2,873	3,486	3,507	3,095	3,362	2,874	2,804	3,137	3,387	3,383	3,366	3,648	2,821
3,310	3,651	2,535	3,204	3,953	1,908	2,160	2,875	3,532	3,279	4,490	3,305	2,380	2,523	1,686
110,919	105,497	105,959	95,411	91,200	91,346	82,853	88,815	91,929	80,064	82,793	83,145	87,713	82,726	82,869
11,582	13,204	17,272	13,090	11,023	19,052	16,725	12,975	18,530	11,586	14,326	13,655	12,011	13,821	18,561
90,963	82,272	85,170	75,166	83,469	86,955	11,221	11,358	11,296	13,511	14,980	15,160	17,957	15,613	12,065
108,571	95,023	97,171	121,068	110,700	117,650	107,962	111,172	106,113	110,550	112,313	113,749	102,035	99,532	98,610
24,909	21,483	11,815	10,534	9,025	9,211	9,661	17,398	17,690	14,132	11,354	16,443	21,054	17,788	10,551
172,163	172,737	188,879	210,880	215,213	228,257	206,979	210,077	190,862	162,230	168,346	174,112	171,371	169,632	186,749
351	378	279	277	270	290	282	271	380	495	446	424	376	397	302
13,601	11,660	13,029	13,841	11,471	16,317	15,118	14,164	12,682	13,808	14,327	13,563	12,533	12,044	12,951
1,409	1,289	1,262	1,061	1,205	1,341	1,129	1,336	1,313	1,314	1,356	1,302	1,331	1,223	1,221
19,495	23,302	22,302	21,706	28,959	30,607	31,017	27,059	27,332	22,664	25,577	22,443	21,733	22,434	23,332
9,373	6,502	4,827	5,920	6,024	7,372	6,962	6,363	7,865	6,198	6,680	6,272	6,711	4,472	3,630
3,198	2,574	2,567	2,596	2,981	3,290	3,299	2,401	2,688	2,687	2,738	2,644	2,610	2,252	2,172
3,542	3,257	3,228	3,644	3,964	4,035	4,057	3,313	4,074	3,934	3,555	3,457	3,527	3,339	3,275
3,613	3,292	2,410	2,390	2,178	2,277	2,329	3,105	3,849	2,908	2,880	2,981	3,040	2,909	2,387
1,206,082	953,946	1,251,670	1,203,915	1,180,802	1,004,833	1,123,083	1,152,400	1,602,154	1,309,140	1,288,178	1,334,246	1,213,600	1,002,142	1,322,587
757	696	829	923	914	881	761	789	780	737	865	897	733	702	839
248,276	287,176	328,044	340,633	330,464	362,168	369,805	359,672	349,850	264,197	328,395	288,860	269,500	317,526	326,853
51,730	66,906	56,898	60,130	53,794	58,606	55,301	52,925	62,291	49,075	67,075	65,153	54,738	61,192	58,933
6,710	7,246	9,551	8,108	6,550	7,088	5,538	11,610	11,800	8,894	10,015	9,029	8,672	8,817	11,185
686	798	769	724	722	755	732	733	755	838	888	792	698	793	746
33,747	33,065	31,025	31,984	30,732	27,704	27,893	27,297	31,169	26,500	28,799	27,718	27,507	27,024	25,500

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NOTA
TEKNIKAL
Technical Notes

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NOTA TEKNIKAL

1. OBJEKTIF

Objektif utama penerbitan ini ialah untuk menyediakan statistik aliran terkini bagi indikator utama di sektor Pembuatan, iaitu statistik **nilai jualan, bilangan pekerja bergaji, gaji & upah** serta **pengeluaran produk utama** yang dipungut melalui Survei Pembuatan Bulanan. Statistik ini membantu pengguna dalam merangka dasar serta membuat keputusan.

2. PENANDA ARASAN

Selepas melaksanakan Banci Ekonomi 2016 (tahun rujukan 2015), Jabatan Perangkaan Malaysia (DOSM) telah mengkaji dan melaksanakan proses penanda aras terhadap statistik pembuatan yang dipungut melalui Survei Pembuatan Bulanan. Proses penanda aras ini membolehkan siri nilai anggaran tahunan yang dijana menerusi statistik jangka pendek konsisten dengan nilai tahunan daripada banci/survei tahunan sebagai tahun penanda aras. Penanda aras yang dibuat berpanduan *Quarterly National Accounts Manual 2017 edition, International Monetary Fund* bagi mencapai objektif seperti berikut:

- Menganggarkan data bulanan supaya konsisten dengan data tahunan iaitu, untuk memastikan jumlah data bulanan adalah sama dengan penanda aras tahunan;
- Memelihara sebanyak mungkin pertumbuhan indikator bulanan semasa proses penanda aras tahunan dibuat; dan
- Memastikan data siri ke hadapan, jumlah data bulanan bagi tahun semasa sedekat mungkin dengan data tahunan yang diperoleh semasa banci atau survei tahunan yang dijalankan.

Statistik penanda aras disusun bagi nilai jualan, bilangan pekerja bergaji dan gaji & upah sektor Pembuatan dan diterbitkan mulai Januari 2020. Tahun asas (penanda aras) adalah menggunakan Banci Ekonomi 2016 (tahun rujukan 2015) sebagai tahun penanda aras dan kaedah *pro rata* (1) dan *extrapolation* (2) digunakan dalam pemprosesan penanda aras ini.

Kaedah *pro rata*:

$$M^i V = \frac{M^i I}{\sum_{i=1}^{12} M^i I} \times ADT \quad (1)$$

di mana;

$M^i V$ = pemboleh ubah anggaran bulanan yang dinaik aras

$M^i I$ = siri indikator bulanan

ADT = data tahunan tahun asas (penanda aras)

Kaedah *extrapolation*:

$$V_t = V_{t-1} * G_{t-1,t} \quad (2)$$

di mana;

V_t = nilai pemboleh ubah

$G_{t-1,t}$ = pertumbuhan daripada t-1 kepada t

NOTA TEKNIKAL

3. SKOP DAN LIPUTAN

Data yang dipungut dalam Survei Pembuatan Bulanan meliputi seluruh Malaysia. Mulai Januari 2020, penerbitan ini memaparkan statistik berwajaran yang menggambarkan populasi sampel bagi 251 industri dalam sektor Pembuatan.

Data 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).

4. SUMBER RANGKA

Sumber rangka ialah daripada *Malaysia Statistical Business Register (MSBR)* di mana maklumat utama diperoleh daripada banci dan survei yang dilaksanakan oleh Jabatan Perangkaan Malaysia (DOSM) serta data pentadbiran. Sumber utama data pentadbiran tersebut adalah daripada Suruhanjaya Syarikat Malaysia (SSM). Selain itu, DOSM juga turut bekerjasama mendapatkan maklumat daripada lebih 50 agensi lain seperti Kumpulan Wang Simpanan Pekerja (KWSP), Jabatan Kastam Diraja Malaysia (JKDM), Lembaga Hasil Dalam Negeri (LHDN), Pihak Berkuasa Tempatan (PBT) serta Badan-badan Profesional. Rangka dikemaskini secara berterusan dengan mengambil kira pertubuhan baru dan merekod sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi atau alamat pos untuk memastikan maklumat yang terdapat dalam rangka adalah yang paling terkini.

5. 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 bagi pertubuhan adalah berasaskan kepada aktiviti utama dan Piawaian Klasifikasi Industri Malaysia (MSIC 2008) Versi 1.0. yang diselaraskan dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations* dengan pengubahsuaian mengikut keperluan tempatan.

6. 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 Piawaian Klasifikasi Industri Malaysia (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.

NOTA TEKNIKAL

7. 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 substrata untuk memastikan sampel yang diagihkan mengambil kira ciri-ciri ekonomi strata tersebut. Substrata utama bersifat heterogen dan diliputi secara penuh. Manakala, substrata selainnya yang 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 kecil dan sederhana (PKS).

8. 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:

$$n = \frac{(\sum N_i S_i)^2}{V + \sum N_i S_i^2} \quad (3)$$

di mana;

n = Saiz sampel

N_i = Saiz populasi bagi strata i

S_i^2 = Varian bagi strata i

V = Varian sasaran

$$V = RSE^2 \cdot \left(\frac{\hat{Y}_i}{Z} \right)^2 \quad (4)$$

di mana;

$\hat{Y}_i$ = Jumlah nilai jualan bagi strata

RSE = Ralat piawai relatif

Z = Nilai aras keyakinan

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

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i \quad (5)$$

$h = 2, 3 \text{ dan } 4$

$i = 1, 2, \dots k$

NOTA TEKNIKAL

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.

9. WAJARAN

Analisis berwajaran disediakan menggunakan wajaran sampel bagi memastikan sampel yang dipilih dapat menggambarkan populasi survei. Wajaran yang diperlukan adalah wajaran di peringkat reka bentuk pensampelan dan tiada respons.

Wajaran reka bentuk pensampelan pada substrata h adalah seperti berikut :

$$W_h = \frac{N_h}{n_h}, \quad h = 1, \dots, 4 \quad (6)$$

di mana;

N_h = Bilangan populasi bagi substrata h ; dan

n_h = Bilangan sampel bagi substrata h

NOTA TEKNIKAL

Wajaran tiada respons pada substrata adalah seperti berikut :

$$NRW_h = \frac{1}{\frac{n'_h}{n_h}}, \quad h = 1, \dots, 4 \quad (7)$$

di mana;

$$n'_h = \text{Bilangan sampel respons bagi substrata } h$$

$$n_h = \text{Bilangan sampel bagi substrata } h$$

Kaedah pengiraan wajaran reka bentuk pensampelan selepas survei (*adjusted weight*) pada substrata h seperti berikut:

$$W'_h = W_h \times NRW_h, \quad h = 1, \dots, 4 \quad (8)$$

di mana;

$$W_h = \text{Wajaran reka bentuk pensampelan pada substrata } h$$

$$NRW_h = \text{Wajaran tiada respons pada substrata } h$$

10. UNIT MELAPOR

Unit melapor bagi survei ini ialah **pertubuhan**. Sesebuah pertubuhan ditakrifkan sebagai "satu unit ekonomi yang bergiat di bawah satu hak milik atau penguasaan tunggal, iaitu di bawah satu entiti yang sah. Ia menjalankan satu jenis aktiviti ekonomi utama di satu tempat / lokasi fizikal". Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya. Bagi pertubuhan yang menjalankan pelbagai aktiviti, unit yang bergiat dalam aktiviti yang berasingan dalam satu lokasi yang sama adalah terdiri daripada entiti 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 praktisnya akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau enterpris ini akan dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya.

NOTA TEKNIKAL

11. NILAI JUALAN

Nilai jualan yang dilaporkan merujuk kepada nilai jualan produk sendiri sahaja. Ini bermaksud jualan produk yang berlaku dalam bulan laporan, sama ada produk tersebut telah dibuat/dihasilkan oleh pertubuhan pada bulan tersebut atau bulan-bulan sebelumnya. Nilai jualan adalah berdasarkan kepada nilai bersih di kilang dan berkaitan dengan kuantiti yang dijual. Penilaian harga yang dikenakan kepada pelanggan adalah tidak termasuk:

- a. diskaun atau rebat;
- b. bayaran untuk pengangkutan keluar;
- c. komisen kepada wakil-wakil penjual;
- d. bayaran lain seperti cukai eksais yang dibayar atau cukai jualan yang dipungut oleh kilang bagi pihak kerajaan; dan
- e. bayaran pemasangan, pembaikan dan pembinaan

12. BILANGAN PEKERJA BERGAJI

Bilangan pekerja bergaji meliputi seperti berikut:

- a. Pekerja bergaji (sepenuh masa) - Merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya 6 jam sehari dan sekurang-kurangnya 20 hari sebulan; dan
- b. Pekerja bergaji (sambilan) - Merujuk kepada semua pekerja bergaji yang bekerja kurang daripada 6 jam sehari dan/atau kurang daripada 20 hari sebulan.

13. GAJI & UPAH DIBAYAR

Gaji & upah yang dibayar merujuk kepada semua bayaran tunai, termasuk bonus, komisen, bayaran lebih masa, elaun kos sara hidup dan elaun lain yang dibayar kepada semua pekerja bergaji dalam bulan rujukan. Caruman Kumpulan Wang Simpanan Pekerja (KWSP) serta Pertubuhan Keselamatan Sosial (PERKESO) turut dimasukkan tetapi caruman oleh majikan dikecualikan. Elaun kepada pemilik yang bekerja, rakan niaga yang bekerja dan pekerja keluarga tidak bergaji, bayaran pampasan dan saguhati kerana pemberhentian adalah juga dikecualikan.

14. 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.

NOTA TEKNIKAL

15. PINDAAN

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

16. PEMBUNDARAN

Perjumlahan komponen mungkin berbeza dengan angka jumlah besar disebabkan pembundaran.

17. SIMBOL DAN SINGKATAN

Simbol-simbol berikut telah digunakan dalam keseluruhan penerbitan:-

t.t.t.l. : tidak terkelas di tempat lain

RM : Ringgit Malaysia

18. PELARASAN MUSIM

Data siri masa adalah amat berguna untuk ahli ekonomi, pembuat dasar & keputusan serta penganalisis siri masa untuk mengenal pasti ciri-ciri penting siri ekonomi seperti arah aliran, *turning point* dan konsistensi antara penunjuk ekonomi yang lain. Kadangkala ciri ini sukar untuk diperhatikan kerana pergerakan bermusim. Oleh itu, sekiranya kesan bermusim boleh disingkirkan, arah aliran data siri ini dapat dilihat dengan lebih baik. Anggaran dan penyingkiran kesan bermusim dipanggil pelarasan bermusim.

Pelarasan bermusim adalah satu proses untuk mengenal pasti dan menyingkirkan bentuk pola bermusim yang biasa berlaku dalam tempoh satu tahun, yang mungkin juga merangkumi pengaruh dari kesan cuti yang bergerak dan hari bekerja/berdagang bagi suatu tempoh. Objektif utama proses ini adalah untuk menyerlahkan arah aliran dan pergerakan-pergerakan jangka pendek dalam siri ini.

Di Malaysia, kebanyakan data siri masa dipengaruhi oleh kesan bermusim. Oleh itu, untuk menghapus dan melaras kesan bermusim data siri masa ekonomi Malaysia, pakej standard pelarasan bermusim, X-12 ARIMA telah digunakan oleh Jabatan Perangkaan, Malaysia. Data siri masa ekonomi Malaysia juga kerap dipengaruhi oleh perayaan agama utama seperti Aidil Fitri bagi umat Islam, Tahun Baru Cina untuk kaum Cina dan Deepavali untuk kaum India. Tarikh perayaan-perayaan ini tetap mengikut tahun lunar tetapi berbeza-beza mengikut kalendar Gregorian. Oleh itu, untuk menganggar dan menyingkirkan kesan cuti yang bergerak dari data siri masa, satu prosedur telah dibangunkan iaitu *Seasonal Adjustment For Malaysia (SEAM)*.

TECHNICAL NOTES

1. OBJECTIVE

The main objective of this publication is to provide statistics on the latest trend of main indicators in the Manufacturing sector, ie. **sales value, number of employees, salaries & wages and the production of main products manufactured** which is collected through Monthly Manufacturing Survey. This statistics assists users in policy formulation and decision making.

2. BENCHMARKING

After conducting the Economic Census 2016 (reference year 2015), Department of Statistics Malaysia (DOSM) has reviewed and carried out the benchmarking process towards the manufacturing statistics collected from the Monthly Manufacturing Survey. The benchmarking process is done to enable the series of values of annual estimates derived from short term survey consistent and match with the annual value from census/annual survey of the benchmark year. The benchmark process adapted the guideline of the Quarterly National Accounts Manual 2017 edition, International Monetary Fund to meet the objectives as follows:

- to estimate monthly data that are temporally consistent with the annual data: that is, to ensure that the sum of the monthly data is equal to the annual benchmark;
- to preserve as much as possible the monthly movements in the indicator under the restrictions provided by the annual data; and
- to ensure, for forward series, that the sum of the monthly of the current year is as close as possible to the unknown future annual data.

The benchmarking statistics is compiled on sales value, number of employees and salaries & wages and being published starting from January 2020. The base (benchmark) year using the Economic Census 2016 (reference year 2015) and pro rata (1) and extrapolation method (2) is used in the benchmarking process.

Pro rata Method:

$$M^i V = \frac{M^i I}{\sum_{i=1}^{12} M^i V} \times ADT \quad (1)$$

where;

$M^i V$ = new derived monthly variables estimates

$M^i I$ = monthly indicator series

ADT = annual benchmark data

Extrapolation Method:

$$V_t = V_{t-1} * G_{t-1,t} \quad (2)$$

Where;

V_t = value of variable

$G_{t-1,t}$ = growth from t-1 to t

TECHNICAL NOTES

3. SCOPE AND COVERAGE

Data collected in the Monthly Manufacturing Survey covered the whole of Malaysia. Since January 2020, this publication presents weighted statistics which represent the population sample of 251 industries in Manufacturing sector. Data 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).

4. SOURCE OF FRAME

The source of frame is from Malaysia Statistical Business Register (MSBR) where the main information is from census and survey conducted by the Department of Statistics Malaysia (DOSM) and administrative data. The main source of the administrative data is from the Companies Commission of Malaysia (CCM). In addition, DOSM also collaborates and yield information from over 50 other agencies such as the Employees Provident Fund (EPF), Royal Malaysian Customs Department (RMCD), Inland Revenue Board (IRB), Local Authorities and other Professional Bodies. The frame is updated continuously by taking into account of new establishments and to record any changes in the establishment status such as closed down, not in operation, change in types of activity and location or postal addresses to ensure that the information in the frame is at the most current status.

5. TYPE OF BUSINESS ACTIVITY

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 and the Malaysia Standard Industrial Classification (MSIC 2008) Version 1.0 according to the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations, with modifications to suit local conditions.

6. 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 Malaysia Standard Industrial Classification (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.

TECHNICAL NOTES

7. 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 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 small and medium enterprise (SME) categories.

8. 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:

$$n = \frac{(\sum N_i S_i)^2}{V + \sum N_i S_i^2} \quad (3)$$

where;

$$\begin{aligned} n &= \text{Sample size} \\ N_i &= \text{Population size for stratum } i \\ S_i^2 &= \text{Variance for stratum } i \\ V &= \text{Desired variance} \end{aligned}$$

$$V = RSE^2 \cdot \left(\frac{\hat{Y}_i}{Z} \right)^2 \quad (4)$$

where;

$$\begin{aligned} \hat{Y}_i &= \text{Estimated sales value for stratum} \\ RSE &= \text{Relative standard error} \\ Z &= \text{Value of confidence level} \end{aligned}$$

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

$$n_{hi} = \left(\frac{N_h S_h}{\sum N_h S_h} \right) n_i' \quad (5)$$

$$h = 2, 3 \text{ and } 4$$

$$i = 1, 2, \dots, k$$

TECHNICAL NOTES

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.

9. WEIGHTED

Weighted analysis is done using sampling weight to ensure that the selected sample can reflect population survey. The weights required are the sampling design and non response weights.

The sampling design weight for the establishment at substratum h is as follows:

$$W_h = \frac{N_h}{n_h}, \quad h = 1, \dots, 4 \quad (6)$$

where,

N_h = Total population of substratum h ; and

n_h = Total sample of substratum h

TECHNICAL NOTES

Non response weight at substratum h as below:

$$NRW_h = \frac{1}{\frac{n'_h}{n_h}}, \quad h = 1, \dots, 4$$

where,

n'_h = Number of response in sample size for substratum h

n_h = Number of sample size for substratum h

The method of calculating the sampling design weight after the survey (adjusted weight) on substratum h as below:

$$W'_h = W_h \times NRW_h, \quad h = 1, \dots, 4 \quad (8)$$

where,

W_h = Sampling design weight at substratum h

NRW_h = Non response weight at substratum h

10. REPORTING UNIT

The reporting unit used in the survey was the **establishment**. An 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 organisation 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.

TECHNICAL NOTES

11. VALUE OF SALES

The reported sales value refers to the sales value of their own products. This relates to sales of goods made on the reporting month, whether the products were produced/ manufactured by the establishment during the month or in the other months previously. The sales value was net selling price (ex-factory) value relating to the quantity sold. The valuation price charged to customers were excluding:

- a. discounts or rebates;*
- b. Charges for carriage outwards;*
- c. commissions to selling agents;*
- d. all other charges such as excise duties paid, sales tax collected by the factory on behalf of the government; and*
- e. Installation, repairs and construction charges.*

12. NUMBER OF PAID EMPLOYEES

Number of paid employees cover as follows:

- a. Paid employees (full-time) - Refers to those who work for at least 6 hours a day and 20 days a month; and*
- b. Paid employees (part-time) - Refers to all paid workers who work for less than 6 hours a day and/or less than 20 days a month.*

13. SALARIES & WAGES PAID

Salaries & wages paid refers to all cash payments, including bonuses, commissions, overtime wages, cost of living allowances and other allowances made to all employees during the reference month. The employees' contribution to Employees' Provident Fund (EPF) and Social Security Organisation (SOCSO) is included but the employer's contribution is excluded. Allowances to working proprietors, working partners and unpaid family workers and severance and termination pay are not included.

14. 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.

TECHNICAL NOTES

15. REVISIONS

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

16. ROUNDING

The sum of the component figures may not tally with the sub-total or total figures due to rounding.

17. SYMBOLS AND ABBREVIATIONS

The following symbols have been used throughout the publication:-

n.e.c. : not elsewhere classified

RM : Malaysian Ringgit

18. SEASONAL ADJUSTMENT

Time-series data are very useful for economists, policy & decision makers and time-series analysts to identify the important features of economic series such as direction, turning point and consistency between other economic indicators. Sometimes this feature is difficult to observe because of seasonal movements. Thus, if the seasonal effect can be removed, the behaviour of the series would be better viewed. The estimation and removal of the seasonal effects is called seasonal adjustment.

Seasonal adjustment is a process to identify and to remove the regular within-a-year seasonal pattern, which may also include the influences of moving holidays and working/trading days effect in each period. The ultimate objective of the process is to highlight the underlying trends and short-term movements in the series.

In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, a standard seasonal adjustment package, X-12 ARIMA was used by Department of Statistics, Malaysia. Malaysian economic time series data also often affected by major religious festivals such as Eid-ul Fitr for Muslims, Chinese New Year to the Chinese and the Indian Deepavali. These festivals' dates are fixed according to the lunar year but vary according to the Gregorian calendar. Therefore, to estimate and remove moving holiday effect from time-series data, a procedure was developed, namely Seasonal Adjustment for Malaysia (SEAM).