



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

PERANGKAAN PEMBUATAN BULANAN MONTHLY MANUFACTURING STATISTICS

APRIL 2025
APRIL

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PEMAKLUMAN / ANNOUNCEMENT

Kepengerusian ASEAN-Malaysia 2025: Jabatan Perangkaan Malaysia (DOSM) akan mempengerusikan Jawatankuasa Sistem Statistik Komuniti ASEAN Ke-15 (ACSS15) yang bertujuan untuk memperkukuh kerjasama statistik ke arah pembangunan serantau yang mampan.

Kerajaan Malaysia telah mengisytiharkan 20 Oktober sebagai Hari Statistik Negara (MyStats Day), dengan tema 'Statistik Nadi Kehidupan'. Sementara itu, Hari Statistik Dunia Keempat akan disambut pada 20 Oktober 2025 dengan tema '*Driving Change with Quality Statistics and Data for Everyone*'.

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>.

ASEAN-Malaysia 2025 Chairmanship: The Department of Statistics Malaysia (DOSM) will chair the 15th ASEAN Community Statistical System Committee (ACSS15) which aims to strengthen the statistical cooperation towards sustainable regional development.

*The Government of Malaysia has declared October 20th as National Statistics Day (MyStats Day), with the theme 'Statistics is the Essence of Life'. Meanwhile, the Fourth World Statistics Day will be celebrated on 20th October 2025, with the theme '*Driving Change with Quality Statistics and Data for Everyone*'.*

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

Jun 2025



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

June 2025



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), April 2025 <i>Summary of Findings Monthly Manufacturing Statistics (MMS), April 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 - 11
1.1b Nilai Jualan Sektor Pembuatan Mengikut Subsektor: Perubahan Peratusan Tahunan <i>Sales Value of Manufacturing Sector by Sub-sector: Annual Percentage Change</i>	12 - 13
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>	14 - 15
1.2a Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Subsektor <i>Number of Paid Employees of Manufacturing Sector by Sub-sector</i>	16 - 19
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>	20 - 21
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>	22 - 23
1.3a Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Subsektor <i>Salaries and Wages Paid of Manufacturing Sector by Sub-sector</i>	24 - 25
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>	26 - 27

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>	28 - 29
1.4a Nilai Jualan Sektor Pembuatan Mengikut Kumpulan <i>Sales Value of Manufacturing Sector by Group</i>	30 – 45
1.4b Nilai Jualan Sektor Pembuatan Mengikut Kumpulan: Perubahan Peratusan Tahunan <i>Sales Value of Manufacturing Sector by Group: Annual Percentage Change</i>	46 – 53
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>	54 - 61
1.5a Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan <i>Number of Paid Employees of Manufacturing Sector by Group</i>	62 - 77
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>	78 - 85
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>	86 - 93
1.6a Gaji dan Upah yang Dibayar Sektor Pembuatan Mengikut Kumpulan <i>Salaries and Wages Paid of Manufacturing Sector by Group</i>	94 - 109
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>	110 - 117
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>	118 - 125
2 Pengeluaran Produk Utama dalam Industri Pembuatan yang Terpilih <i>Production of Major Products in Selected Manufacturing Industries</i>	126 - 134
Nota Teknikal / Technical Notes	135 - 148

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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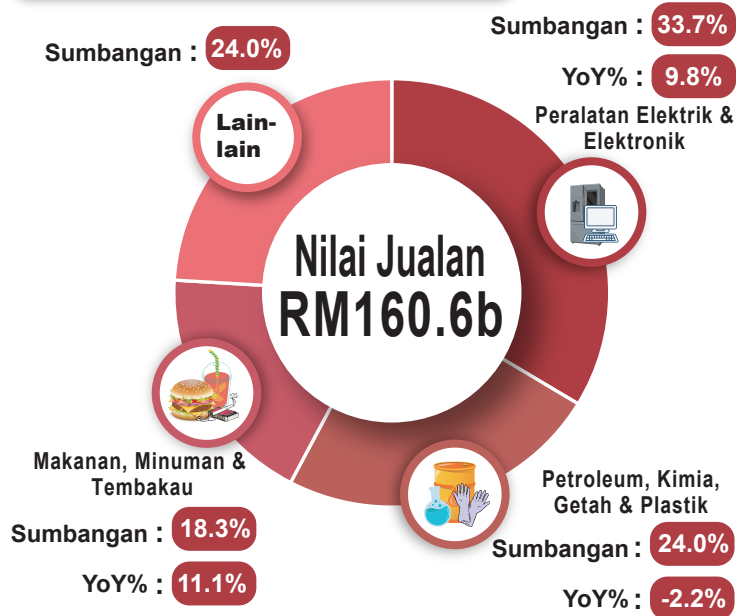
RINGKASAN PENEMUAN

*Summary of
Findings*

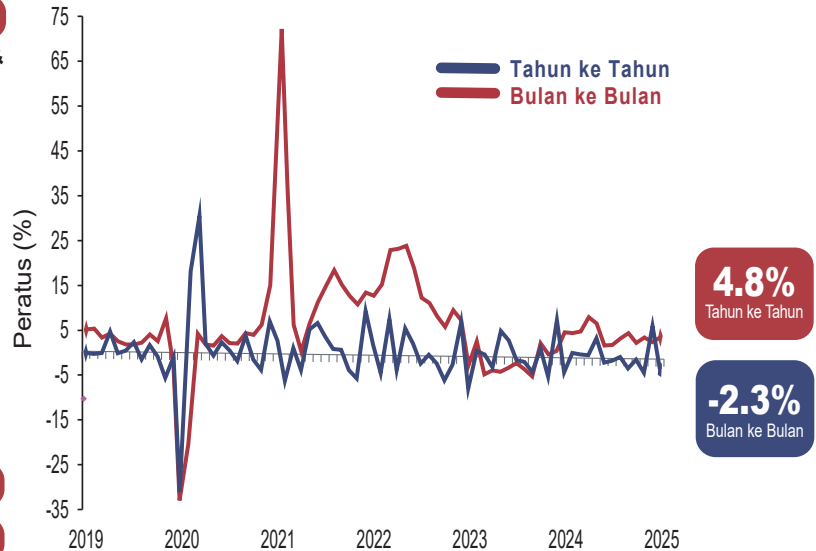
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PERANGKAAAN PEMBUATAN, APRIL 2025

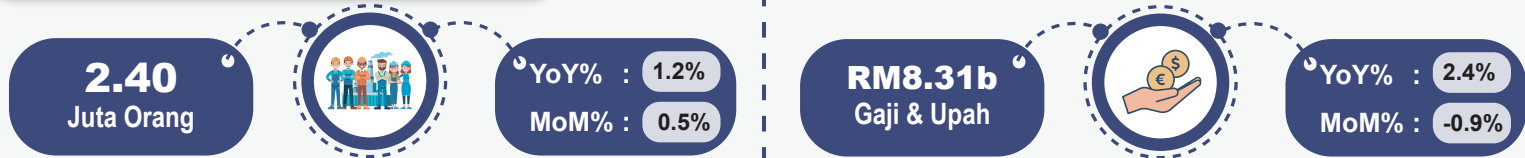
Nilai Jualan Sektor Pembuatan



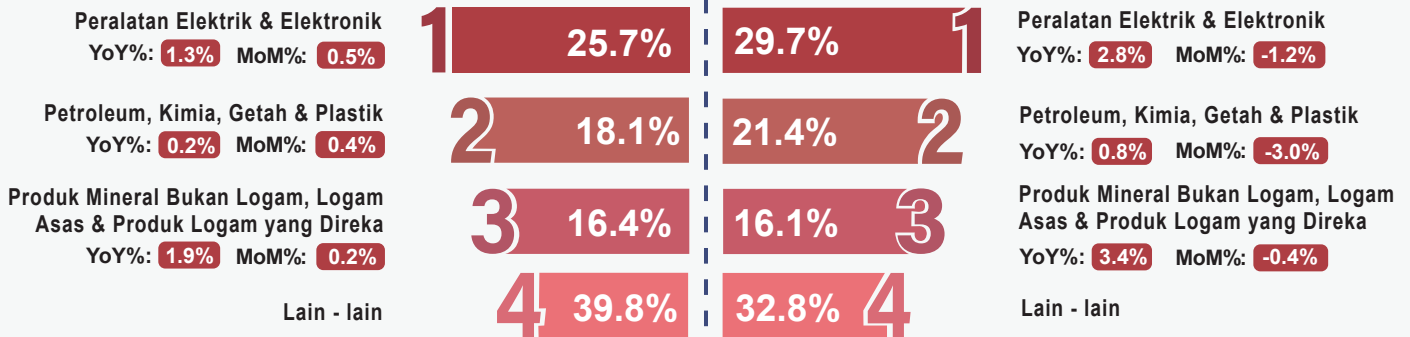
Jualan sektor Pembuatan meningkat 4.8 peratus; berjumlah RM160.6 bilion pada April 2025



Bilangan Pekerja dan Gaji & Upah



Sumbangan %



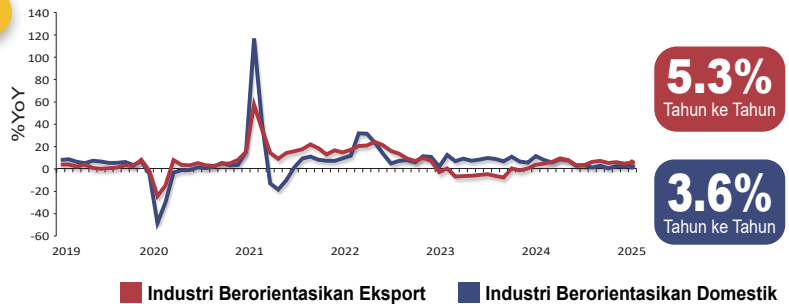
Industri Berorientasikan Eksport dan Domestik



70.3% Industri Berorientasikan Eksport

29.7% Industri Berorientasikan Domestik

Daripada Jumlah Jualan

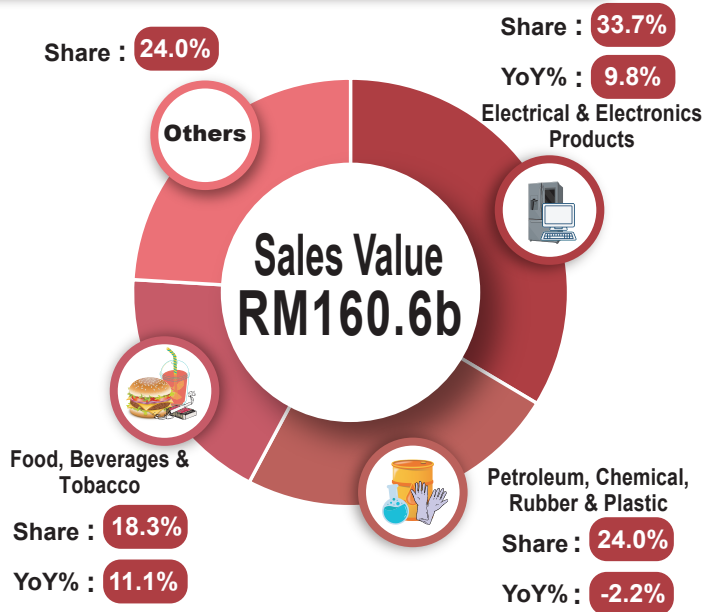


Sumber: Perangkaan Pembuatan Bulanan, Jabatan Perangkaan Malaysia (DOSM)

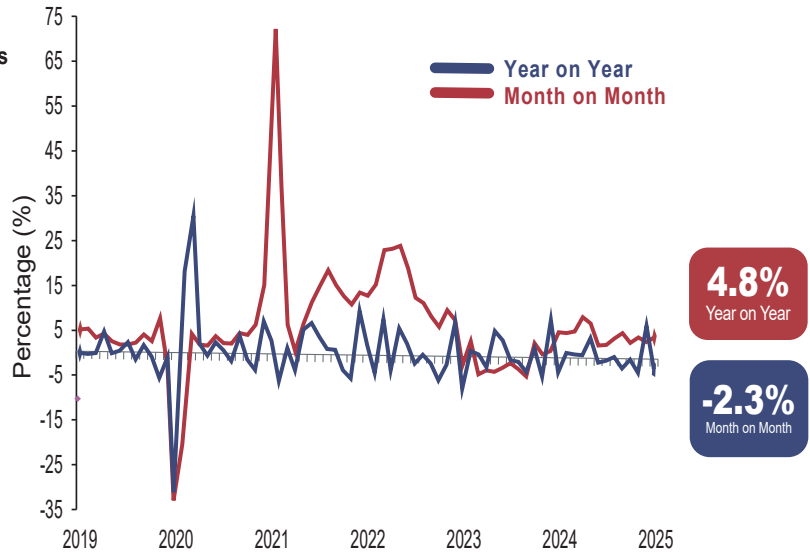


MANUFACTURING STATISTICS, APRIL 2025

Sales Value of the Manufacturing Sector



The Manufacturing sector sales increased 4.8 per cent; amounted to RM160.6 billion in April 2025



Number of Employees and Salaries & Wages

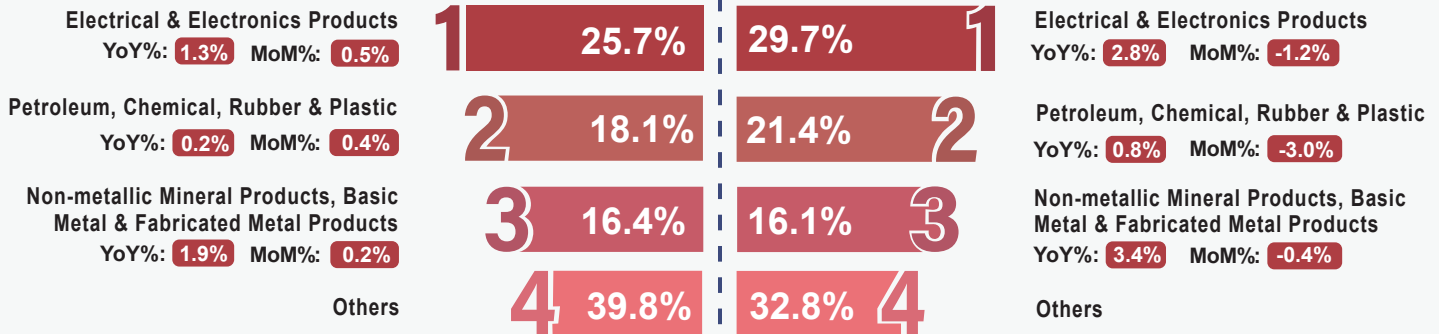
2.40
Million Employees

YoY% : 1.2%
MoM% : 0.5%

RM8.31b
Salaries & Wages

YoY% : 2.4%
MoM% : -0.9%

Share %



Export and Domestic-oriented Industries



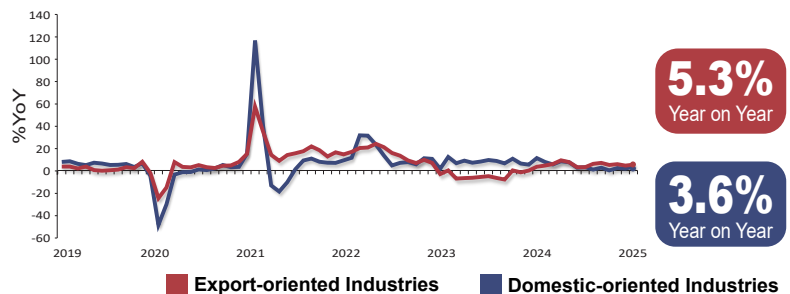
70.3%

Export-oriented Industries

29.7%

Domestic-oriented Industries

of total sales



%YoY: Percentage change year-on-year | b: billion
%MoM: Percentage change month-on-month

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



@StatsMalaysia



ASEAN
MALAYSIA 2025
INCLUSIVITY AND SUSTAINABILITY



MALAYSIA
MADANI
kemampanan



ODIN
OPEN DATA INVENTORY
MALAYSIA
NUMBER ONE
IN THE WORLD



20 October 2016 - 2030

1.0 NILAI JUALAN SEKTOR PEMBUATAN

Nilai jualan sektor Pembuatan meningkat 4.8 peratus (Mac 2025: 3.7%), berjumlah RM160.6 bilion pada April 2025 seperti yang ditunjukkan di **Carta 1**. Perbandingan dengan bulan sebelumnya, nilai jualan jatuh sebanyak 2.3 peratus kepada RM160.6 bilion berbanding RM164.3 bilion yang direkodkan pada bulan sebelumnya. Begitu juga, nilai jualan pelarasan bermusim meningkat 0.9 peratus berbanding bulan sebelumnya.

Peningkatan nilai jualan dalam sektor Pembuatan disumbangkan terutamanya oleh subsektor Makanan, minuman & tembakau, terus mencatatkan pertumbuhan dua angka sebanyak 11.1 peratus pada April 2025 (Mac 2025: 11.8%). Ini diikuti dengan pertumbuhan stabil dalam subsektor Peralatan elektrik & elektronik dan Produk mineral bukan logam, logam asas & produk logam, yang masing-masing mengembang sebanyak 9.8 peratus (Mac 2025: 7.4%) dan 4.6 peratus (Mac 2025: 4.0%).

Carta 1: Nilai Jualan Sektor Pembuatan, April 2024 - April 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 April 2025 merupakan data **awalan**. Data ini akan dikemaskini berdasarkan data terkini yang diperoleh dan akan diterbitkan dalam penerbitan bulan Mei 2025.

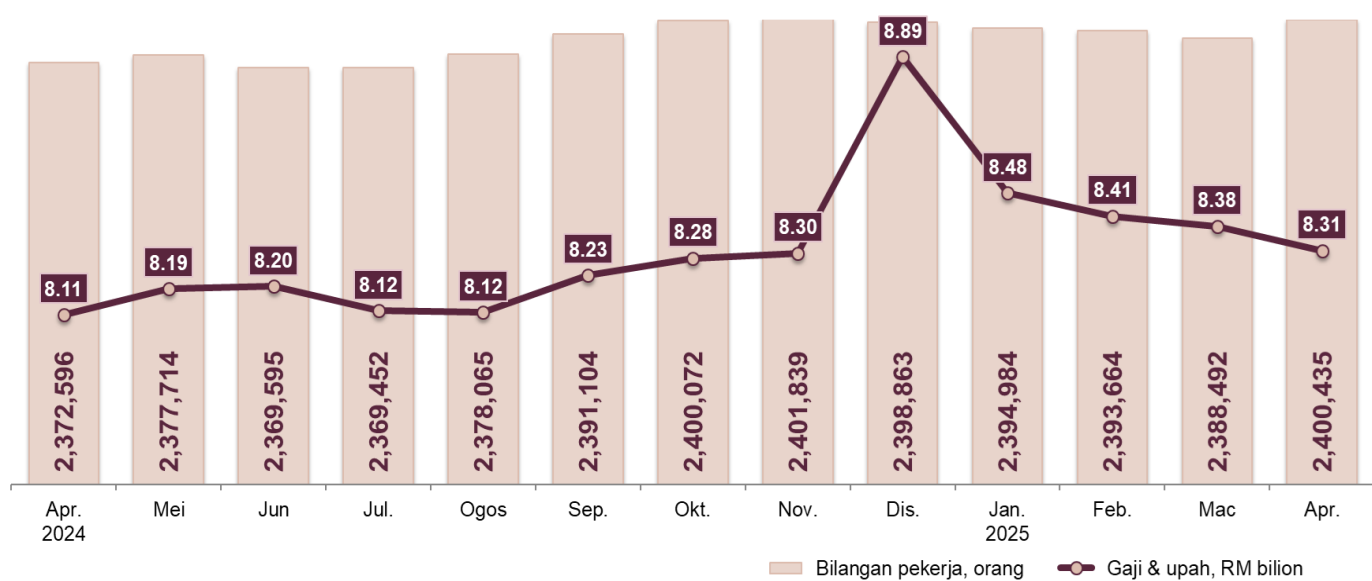
2.0 BILANGAN PEKERJA

Sejumlah 2.40 juta orang pekerja direkodkan dalam sektor ini pada April 2025, bertambah sebanyak 1.2 peratus (Mac 2025: 1.1%). Pertambahan ini dipacu terutamanya oleh subsektor Makanan, minuman & tembakau (1.9%); Produk mineral bukan logam, logam asas & produk logam yang direka (1.9%); dan Peralatan elektrik & elektronik (1.3%). Perbandingan bulan ke bulan, bilangan pekerja dalam sektor ini bertambah baik 0.5 peratus.

3.0 GAJI & UPAH

Gaji & upah yang dibayar dalam sektor Pembuatan juga mencatatkan peningkatan 2.4 peratus (Mac 2025: 1.8%), berjumlah RM8.3 bilion pada April 2025 seperti yang ditunjukkan di **Carta 2**. Walaubagaimana pun, gaji & upah yang dibayar menguncup sebanyak 0.9 peratus berbanding RM8.4 bilion yang direkodkan pada bulan sebelumnya.

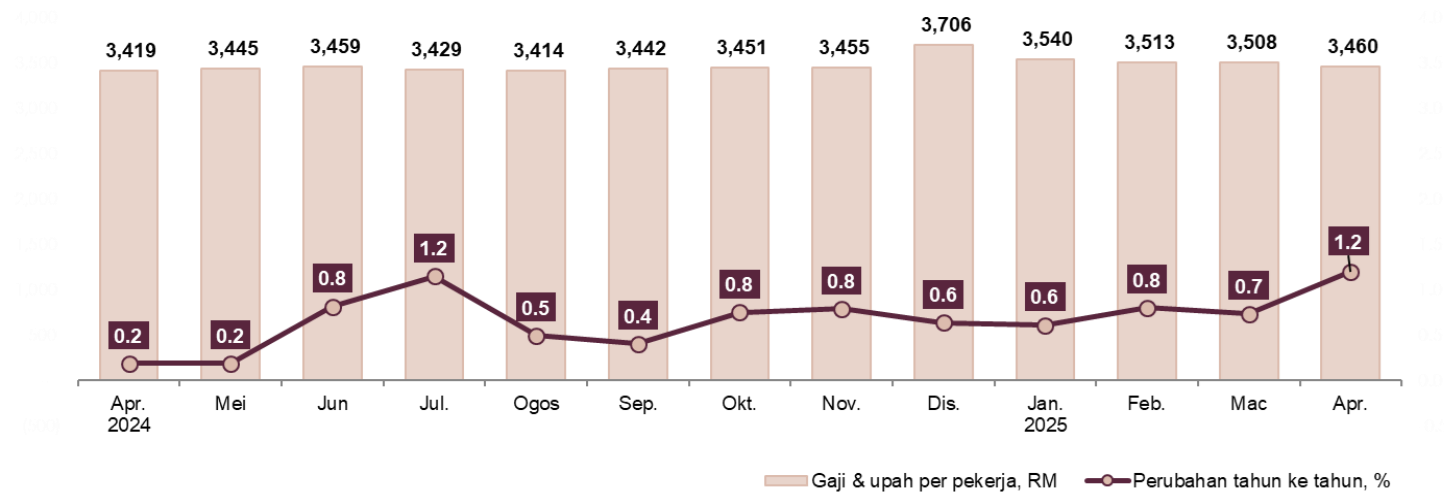
Carta 2: Bilangan Pekerja dan Gaji & Upah Sektor Pembuatan, April 2024 - April 2025



4.0 PURATA GAJI & UPAH PER PEKERJA

Purata gaji & upah bulanan bagi setiap pekerja adalah RM3,460 pada April 2025, meningkat sebanyak 1.2 peratus berbanding setahun yang lalu seperti yang dipaparkan di **Carta 3**. Sementara itu, purata gaji & upah bagi setiap pekerja menguncup sebanyak 1.4 peratus berbanding bulan sebelumnya (Mac 2025: RM3,508).

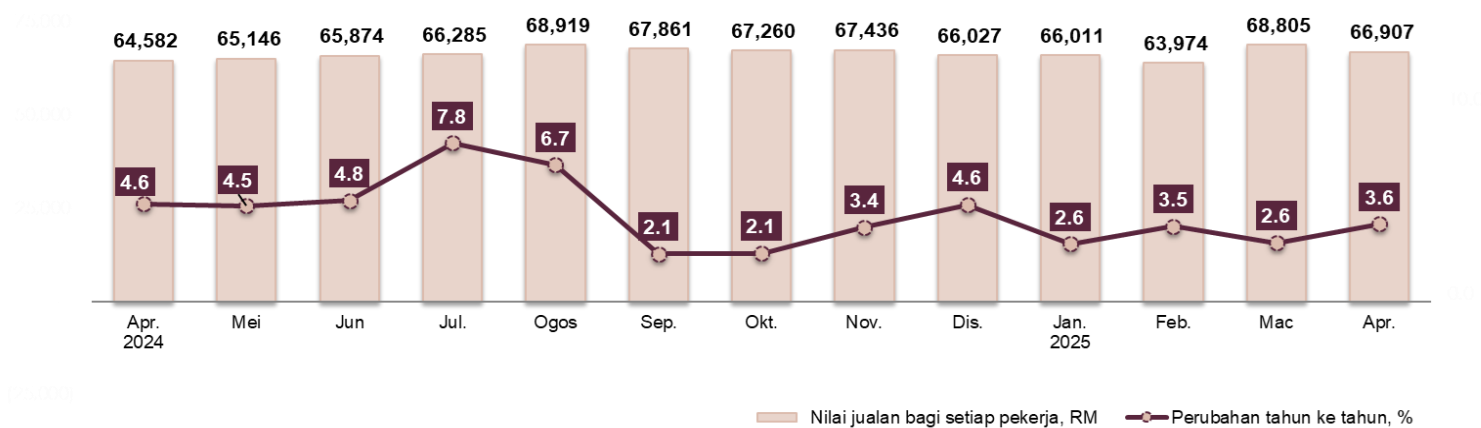
Carta 3: Gaji & Upah Per Pekerja Sektor Pembuatan, April 2024 - April 2025



5.0 NILAI JUALAN PER PEKERJA

Nilai jualan bagi setiap pekerja pada April 2025 meningkat sebanyak 3.6 peratus untuk merekodkan RM66,907 berbanding RM64,582 pada bulan yang sama tahun sebelumnya (**Carta 4**). Pada masa yang sama, purata nilai jualan bagi setiap pekerja jatuh 2.8 peratus berbanding Mac 2025.

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



6.0 PRESTASI BAGI TEMPOH JANUARI - APRIL 2025

Sepanjang empat bulan pertama tahun ini (Januari – April 2025), nilai jualan sektor Pembuatan berjumlah RM636.2 bilion, meningkat 4.2 peratus berbanding tempoh yang sama 2024 (Januari – April 2024: 2.7%). Bilangan peningkatan pekerja sebanyak 1.2 peratus kepada 2.40 juta orang, manakala gaji & upah meningkat 1.9 peratus kepada RM33.6 billion.

Oleh itu, nilai jualan bagi setiap pekerja berjumlah RM265,024, tumbuh 3.0 peratus. Butiran terperinci seperti ditunjukkan di **Jadual A**.

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

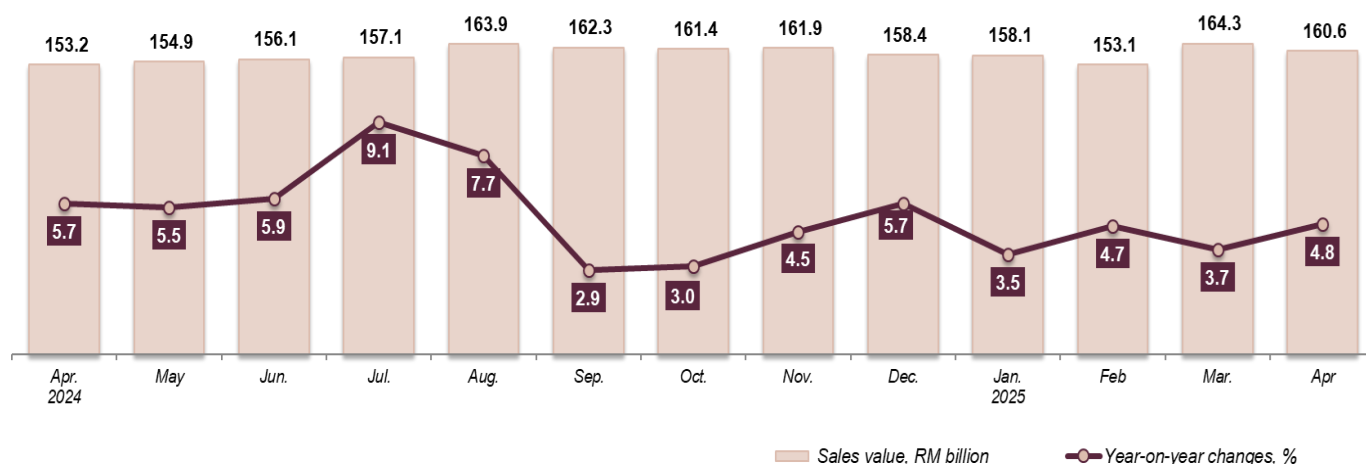
Perangkaan Pembuatan Bulanan	Januari - April		% Perubahan
	2024	2025	
Nilai Jualan (RM juta)	610,553	636,174	4.2
Bilangan Pekerja	2,372,596	2,400,435	1.2
Gaji & Upah (RM juta)	32,935	33,574	1.9
Nilai Jualan Per Pekerja (RM)	257,335	265,024	3.0

1.0 SALES VALUE OF THE MANUFACTURING SECTOR

The sales value of the Manufacturing sector rose 4.8 per cent (March 2025: 3.7%), totalled at RM160.6 billion in April 2025 as shown in **Chart 1**. Compared to the previous month, the sales value dropped by 2.3 per cent to RM160.6 billion as against RM164.3 billion recorded in the prior month. Similarly, the seasonal adjusted sales value increased by 0.9 per cent as compared to the preceding month.

The growth in sales value within the Manufacturing sector was mainly contributed by the Food, beverages & tobacco sub-sector, remained to register double-digit growth of 11.1 per cent in April 2025 (March 2025: 11.8%). This was accompanied by steady growth in the Electrical & electronics products and the Non-metallic mineral products, basic metal & fabricated metal products sub-sectors, which expanded by 9.8 per cent (March 2025: 7.4%) and 4.6 per cent (March 2025: 4.0%), respectively.

Chart 1: Sales Value of the Manufacturing Sector, April 2024 - April 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 April 2025 is **provisional**. The data will be updated based on the latest available figures and subsequently published in the May 2025 publication.

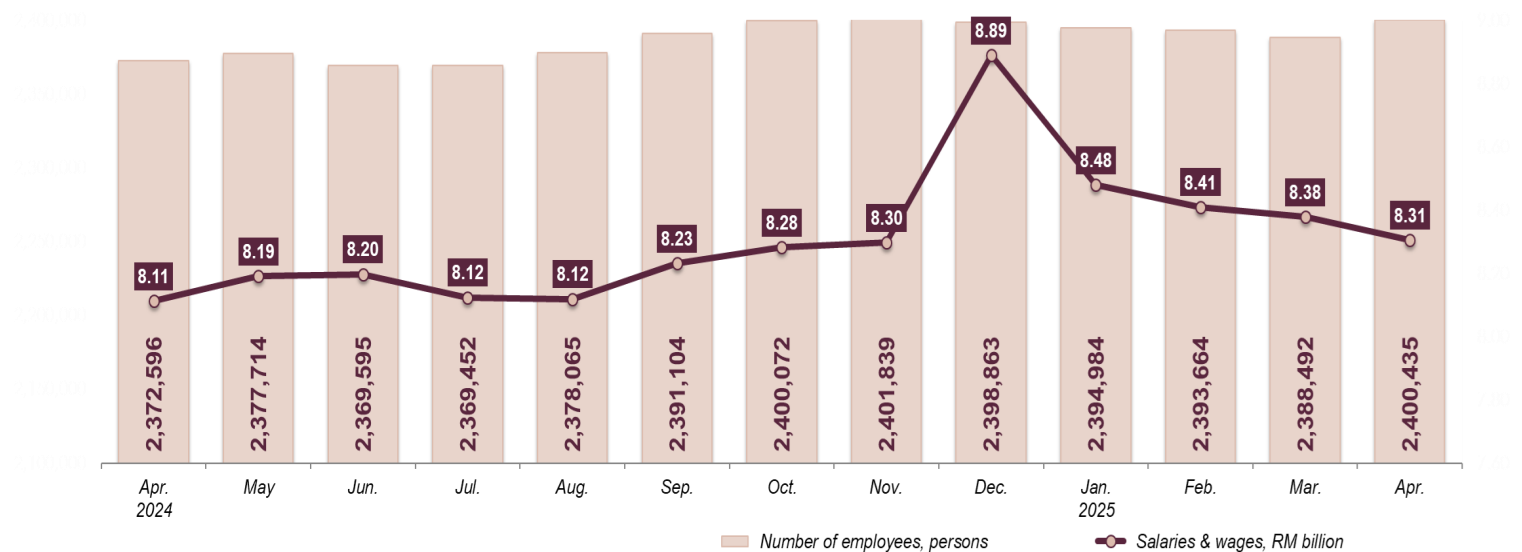
2.0 NUMBER OF EMPLOYEES

A total of 2.40 million employees were recorded in this sector during April 2025, augmented by 1.2 per cent (March 2025: 1.1%). The augmentation was mainly driven by the Food, beverages & tobacco (1.9%); Non-metallic mineral products, basic metal & fabricated metal products (1.9%); and Electrical & electronics products (1.3%). On a month-on-month basis, the number of employees in this sector improved 0.5 per cent.

3.0 SALARIES & WAGES

The salaries & wages paid in the Manufacturing sector also posted an increase of 2.4 per cent (March 2025: 1.8%), amounted to RM8.3 billion in April 2025 as shown in **Chart 2**. However, the salaries & wages paid contracted by 0.9 per cent compared to RM8.4 billion recorded in the preceding month.

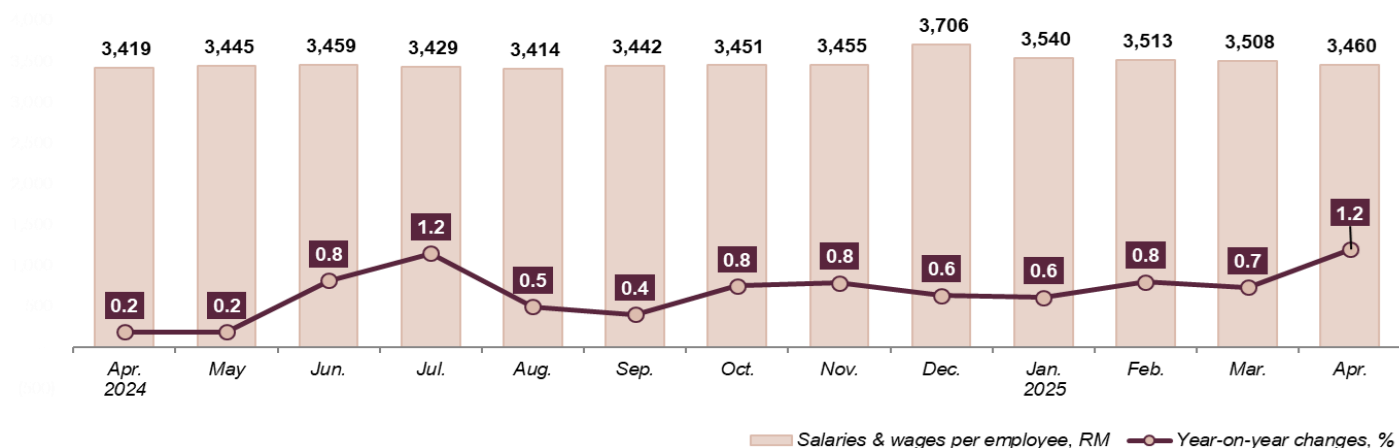
Chart 2: Number of Employees and Salaries & Wages in Manufacturing Sector, April 2024 - April 2025



4.0 AVERAGE SALARIES & WAGES PER EMPLOYEE

The average monthly salaries & wages per employee was RM3,460 in April 2025, rose 1.2 per cent as compared to a year ago as depicted in **Chart 3**. Meanwhile, the average salaries & wages paid per employee contracted by 1.4 per cent as compared to the preceding month (March 2025: RM3,508).

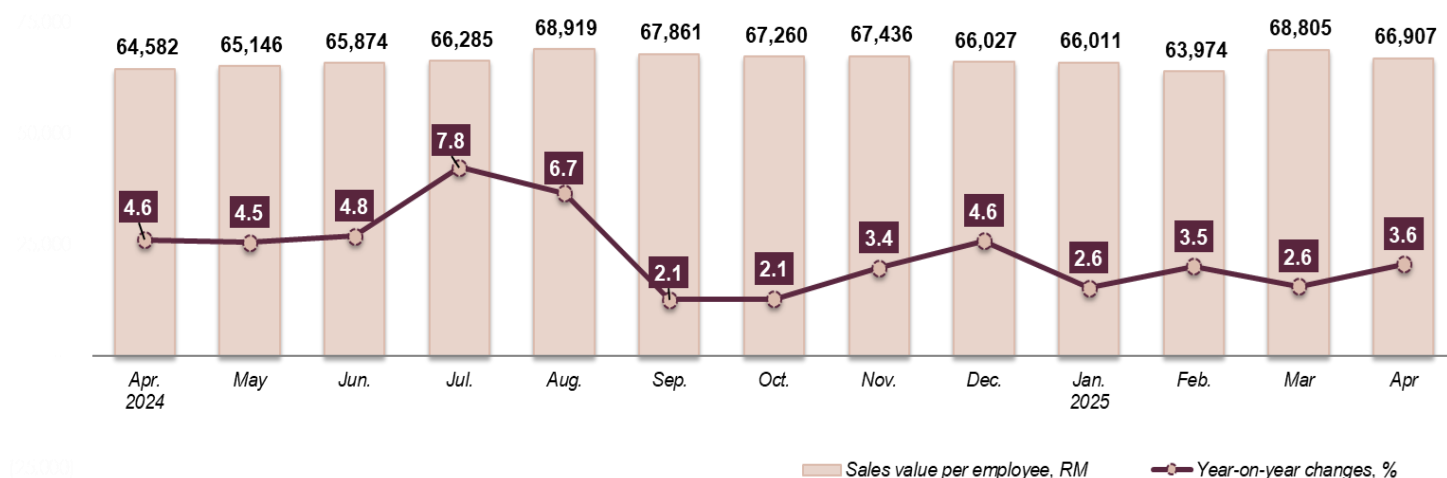
Chart 3: Salaries & Wages per Employee in Manufacturing Sector, April 2024 - April 2025



5.0 SALES VALUE PER EMPLOYEE

The sales value per employee in April 2025 increased by 3.6 per cent to record RM66,907 as compared to RM64,582 in the same month of the previous year (**Chart 4**). In the meantime, the average sales value per employee dropped by 2.8 per cent as compared to March 2025.

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



6.0 PERFORMANCE IN PERIOD OF JANUARY - APRIL 2025

Throughout the first four months this year (January – April 2025), the sales value of the Manufacturing sector was amounted to RM636.2 billion, increased by 4.2 per cent as compared to the same period of 2024 (January – April 2024: 2.7%). The number of employee uptick by 1.2 per cent to 2.40 million persons, while salaries & wages increased by 1.9 per cent to RM33.6 billion.

Subsequently, the sales value per employee stood at RM265,024, posting a growth of 3.0 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 - April of 2024 and 2025

Monthly Manufacturing Statistics	January - April		% Change
	2024	2025	
Sales Value (RM million)	610,553	636,174	4.2
Number of Employees	2,372,596	2,400,435	1.2
Salaries & Wages (RM million)	32,935	33,574	1.9
Sales Value per Employee (RM)	257,335	265,024	3.0

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		
2024	(Jan. - Apr.)	610,553	2.7			2,372,596	1.0			32,935	1.2		
2025	(Jan. - Apr.)	636,174	4.2			2,400,435	1.2			33,574	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.	160,606	4.8	163,357	0.9	2,400,435	1.2	2,398,852	0.6	8,306	2.4	8,404	1.1

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

Subsektor Sub-sector	2023	2024	2024				2025		2024
			Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	309,508	338,336	75,567	80,980	87,830	93,959	84,786		101,975
10 Pembuatan produk makanan <i>Manufacture of food products</i>	292,444	319,765	70,861	76,479	83,353	89,071	79,739		95,674
11 Pembuatan minuman <i>Manufacture of beverages</i>	13,055	14,226	3,399	3,387	3,592	3,849	3,734		4,595
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4,010	4,345	1,307	1,114	885	1,039	1,313		1,706
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	24,153	25,461	6,544	6,264	6,234	6,419	6,516		8,638
13 Pembuatan tekstil <i>Manufacture of textiles</i>	11,404	12,252	3,117	3,164	2,981	2,989	2,978		4,144
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	9,873	10,176	2,656	2,439	2,530	2,551	2,715		3,496
15 Pembuatan produk kulit dan barangan bfrkaitan <i>Manufacture of leather and related products</i>	2,876	3,034	771	660	722	880	823		999
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	20,760	23,561	24,704		31,906
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	5,590	6,845	7,351		9,506
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	29,883	30,153	7,711	7,488	7,466	7,487	7,601		10,323
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	14,526	15,504	3,948	3,708	3,777	4,071	4,213		5,228
31 Pembuatan perabot <i>Manufacture of furniture</i>	17,130	18,569	5,326	4,159	3,926	5,157	5,539		6,849
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubbr and plastic</i>	469,010	464,334	111,249	117,714	121,055	114,315	110,739		150,716
19 Pembuatan kok dan produk petroleum bfrtapis <i>Manufacture of coke and refined petroleum products</i>	224,749	208,646	48,509	52,490	56,180	51,468	45,602		65,627
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	112,375	115,258	29,595	28,309	29,460	27,894	30,301		39,189
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	2,885	2,772	3,016		3,813
22 Pembuatan produk getah dan plastik <i>Manufacture of rubbr and plastics products</i>	121,177	129,117	30,297	34,109	32,529	32,182	31,821		42,087
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	45,542	49,382	52,852		68,036
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	52,777	56,071	15,168	13,631	13,493	13,779	15,491		19,972
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	56,455	59,789	15,889	13,733	13,850	16,317	16,574		21,114
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	18,199	19,285	20,788		26,950
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	598,972	635,465	152,307	157,995	167,434	157,728	163,677		201,560
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	496,238	530,648	127,730	132,055	140,640	130,224	137,747		168,341
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	57,863	58,261	13,559	14,035	15,929	14,738	14,022		18,145
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	10,866	12,766	11,908		15,074
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	136,778	140,683	36,196	33,703	34,360	36,425	32,293		47,722
29 Pembuatan kenderaan bfrmotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	101,255	103,992	27,089	24,408	25,671	26,824	22,852		35,282
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	16,045	16,365	4,152	4,054	3,700	4,459	4,196		5,638
32 Pembuatan lain <i>Other manufacturing</i>	13,315	13,872	3,248	3,755	3,498	3,371	3,434		4,486
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6,163	6,454	1,706	1,485	1,492	1,770	1,812		2,316
Pembuatan Manufacturing	Jumlah Total	1,804,035	1,886,549	457,326	464,219	483,215	481,788	475,568	610,553

(RM Juta/Million)

2025 (Jan. - Apr.)	2024												2025			
Jan.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
114,119	27,744	23,712	24,111	26,408	27,470	27,102	28,269	30,064	29,497	31,595	31,219	31,145	30,687	27,152	26,948	29,333
107,415	26,219	22,214	22,427	24,813	25,946	25,720	26,797	28,526	28,030	29,916	29,612	29,543	29,053	25,539	25,147	27,676
4,997	1,115	1,091	1,193	1,196	1,113	1,077	1,164	1,234	1,193	1,319	1,263	1,266	1,216	1,199	1,319	1,263
1,707	410	407	490	399	411	305	308	304	274	360	343	336	417	414	482	394
8,629	2,234	2,102	2,209	2,094	2,142	2,027	2,132	2,098	2,004	2,098	2,168	2,154	2,232	2,112	2,172	2,112
3,984	1,071	1,018	1,029	1,026	1,088	1,050	1,030	1,032	920	964	1,004	1,020	1,041	983	954	1,006
3,573	899	835	922	840	832	767	886	822	823	851	859	841	908	861	946	858
1,072	264	250	258	227	223	210	217	244	261	282	305	292	283	268	272	249
32,355	8,176	7,796	8,421	7,512	6,822	6,162	6,456	6,985	7,319	7,618	8,002	7,941	8,215	7,979	8,510	7,651
9,461	2,482	2,290	2,636	2,097	1,638	1,406	1,478	1,976	2,137	2,318	2,272	2,255	2,458	2,306	2,587	2,110
10,191	2,579	2,537	2,595	2,612	2,456	2,420	2,513	2,508	2,445	2,428	2,551	2,509	2,530	2,510	2,561	2,590
5,578	1,321	1,316	1,310	1,279	1,199	1,229	1,296	1,234	1,247	1,228	1,440	1,403	1,410	1,412	1,391	1,365
7,125	1,794	1,652	1,880	1,523	1,528	1,107	1,168	1,267	1,490	1,644	1,740	1,774	1,818	1,750	1,971	1,586
149,323	38,231	34,736	38,283	39,467	37,848	40,399	41,362	40,616	39,077	39,534	38,797	35,984	38,534	34,590	37,616	38,584
61,245	17,176	15,204	16,129	17,118	16,001	19,370	19,483	18,780	17,917	18,536	17,782	15,150	16,807	14,180	14,614	15,643
40,058	10,322	9,379	9,894	9,594	9,450	9,265	9,711	10,241	9,509	8,991	9,335	9,569	10,428	9,726	10,147	9,756
4,053	904	942	1,001	965	846	996	962	954	970	949	912	911	935	1,010	1,070	1,038
43,967	9,828	9,211	11,259	11,790	11,551	10,769	11,206	10,642	10,681	11,059	10,769	10,353	10,364	9,673	11,784	12,146
70,601	17,081	16,443	17,545	16,967	15,189	14,912	14,482	15,169	15,891	15,842	16,432	17,108	17,441	17,163	18,248	17,749
20,509	5,140	4,869	5,158	4,804	4,434	4,393	4,582	4,523	4,388	4,273	4,663	4,843	5,194	4,969	5,328	5,018
22,107	5,140	5,203	5,546	5,225	4,465	4,042	3,899	4,513	5,438	5,426	5,513	5,379	5,237	5,474	5,862	5,534
27,985	6,801	6,371	6,840	6,938	6,289	6,476	6,000	6,133	6,066	6,143	6,256	6,886	7,010	6,720	7,058	7,197
217,748	46,315	49,820	56,172	49,253	53,228	55,514	52,637	57,137	57,661	52,772	52,938	52,019	49,687	53,688	60,302	54,071
182,655	37,731	41,913	48,086	40,611	44,502	46,942	44,057	48,073	48,509	43,722	43,716	42,785	40,637	45,199	51,911	44,907
18,807	4,772	4,323	4,464	4,586	4,766	4,683	5,070	5,397	5,462	5,165	4,823	4,751	4,893	4,524	4,605	4,785
16,286	3,813	3,584	3,621	4,056	3,960	3,889	3,509	3,667	3,689	3,885	4,398	4,483	4,157	3,965	3,786	4,378
43,399	12,922	11,582	11,692	11,526	12,199	9,978	11,723	11,823	10,814	11,970	12,416	12,039	11,299	10,450	10,545	11,106
30,534	9,877	8,718	8,494	8,193	9,157	7,058	8,944	9,015	7,712	8,825	9,126	8,874	8,140	7,476	7,236	7,682
5,661	1,374	1,288	1,491	1,486	1,302	1,267	1,209	1,202	1,289	1,465	1,537	1,457	1,391	1,309	1,496	1,466
4,729	1,123	1,049	1,075	1,237	1,309	1,209	1,144	1,134	1,220	1,096	1,143	1,132	1,195	1,107	1,132	1,295
2,475	548	527	632	610	432	444	426	473	593	584	610	576	574	557	681	663
636,174	152,704	146,191	158,431	153,227	154,897	156,094	157,060	163,893	162,262	161,428	161,971	158,389	158,095	153,133	164,340	160,606

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	
			Q1	Q2	Q3	Q4	Q1	
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	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-3.8	9.3	3.2	8.1	12.5	12.8	12.5	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.7	9.0	6.1	8.2	9.4	12.0	9.8	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	17.6	8.4	9.3	11.8	9.6	2.8	0.5	
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	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.1	7.4	7.6	10.4	7.6	4.1	-4.5	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	3.1	4.9	2.8	5.8	-1.0	2.2	
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	
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	
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	
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	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.2	8.4	12.6	10.5	7.0	3.9	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	
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	
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	
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	
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	
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	
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	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4.1	5.9	4.0	10.6	7.8	2.6	4.3	
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	
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	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3.2	0.7	-0.2	-0.9	1.8	1.8	3.4	
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	
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	
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	
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	
32 Pembuatan lain <i>Other manufacturing</i>	5.1	4.2	5.0	5.6	4.2	1.9	5.7	
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	
Pembuatan Manufacturing	Jumlah Total	0.2	4.6	1.8	5.7	6.5	4.4	4.0

																	(%)
2024	2025	2024												2025			
(Jan. - Apr.)	(Jan. - Apr.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
4.6	11.9	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	11.1
4.5	12.3	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	11.5
6.3	8.7	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
9.7	0.1	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
6.4	-0.1	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
7.9	-3.8	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
5.0	2.2	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
5.5	7.3	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
3.9	1.4	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	1.9
-0.2	-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
1.8	-1.3	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
4.5	6.7	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
13.4	4.0	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	4.1
-3.1	-0.9	-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
-11.0	-6.7	-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
2.2	2.2	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
5.9	6.3	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
5.6	4.5	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
9.4	3.8	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
8.0	2.7	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
5.5	4.7	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
13.7	3.8	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
2.3	8.0	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	9.8
2.5	8.5	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	10.6
-0.2	3.6	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
2.6	8.0	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	7.9
10.2	-9.1	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
12.7	-13.5	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
1.8	0.4	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
5.3	5.4	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
4.9	6.8	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
2.7	4.2	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	4.8

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	
	Q1	Q2	Q3	Q4	Q1	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-9.4	7.2	8.5	7.0	-9.8	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-10.2	7.9	9.0	6.9	-10.5	
11 Pembuatan minuman <i>Manufacture of beverages</i>	-1.1	-0.4	6.0	7.2	-3.0	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	29.4	-14.7	-20.6	17.4	26.4	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	4.4	-4.3	-0.5	3.0	1.5	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	8.6	1.5	-5.8	0.2	-0.4	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	3.1	-8.1	3.7	0.8	6.4	
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	
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 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	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.9	-2.9	-0.3	0.3	1.5	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	7.3	-21.9	-5.6	31.4	7.4	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-2.7	5.8	2.8	-5.6	-3.1	
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	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	6.5	-4.3	4.1	-5.3	8.6	
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	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1.4	12.6	-4.6	-1.1	-1.1	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	7.0	-7.8	-3.2	8.4	7.0	
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	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	-0.1	-13.6	0.9	17.8	1.6	
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	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	3.1	3.7	6.0	-5.8	3.8	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-6.4	3.5	13.5	-7.5	-4.9	
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	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-7.0	-6.9	2.0	6.0	-11.3	
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	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	-5.4	-2.4	-8.7	20.5	-5.9	
32 Pembuatan lain <i>Other manufacturing</i>	-1.8	15.6	-6.9	-3.6	1.9	
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	
Pembuatan Manufacturing	Jumlah Total	-0.9	1.5	4.1	-0.3	-1.3

(%)															
2024												2025			
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
2.1	-14.5	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	8.9
1.8	-15.3	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	10.1
2.4	-2.2	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
27.3	-0.6	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
7.2	-5.9	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
10.9	-4.9	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
5.6	-7.2	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
-1.3	-5.5	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
5.9	-4.7	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	-10.1
12.6	-7.7	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
3.2	-1.6	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
0.8	-0.4	-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
5.1	-7.9	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	-19.5
7.6	-9.1	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
10.6	-11.5	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
9.7	-9.1	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
5.3	4.2	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
0.8	-6.3	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
3.1	-3.7	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
8.6	-5.3	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
-2.4	1.2	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
3.5	-6.3	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
-3.2	7.6	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	-10.3
-3.5	11.1	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	-13.5
2.4	-9.4	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
-7.1	-6.0	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	15.7
-0.01	-10.4	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
0.2	-11.7	-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
-2.9	-6.2	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
2.4	-6.6	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
-1.7	-3.8	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
1.9	-4.3	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	-2.3

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	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	331,015	338,698	332,701	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	312,950	320,181	314,241	
11 Pembuatan minuman <i>Manufacture of beverages</i>	16,805	17,239	17,129	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	1,259	1,278	1,331	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	85,961	85,907	86,686	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	28,303	28,598	28,324	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	44,781	44,142	45,474	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	12,878	13,167	12,889	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	306,775	309,580	303,654	
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	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	59,265	59,633	59,848	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	71,281	71,820	68,381	
31 Pembuatan perabot <i>Manufacture of furniture</i>	81,979	83,470	83,395	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	431,568	434,208	430,792	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	18,473	18,556	18,821	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	103,545	104,422	105,483	
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	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	281,583	282,435	279,154	
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	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	109,233	109,391	105,786	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	112,157	113,171	113,159	
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	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	615,687	621,015	607,755	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	419,283	422,727	409,864	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	102,410	102,993	102,916	
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	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	216,739	217,716	215,332	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	87,614	87,794	84,973	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	44,306	44,978	44,601	
32 Pembuatan lain <i>Other manufacturing</i>	40,976	41,005	41,328	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	43,843	43,938	44,429	
Pembuatan Manufacturing	Jumlah Total	2,374,557	2,398,863	2,363,344

			2025	2024	2025
Q2	Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)
332,754	338,126	338,698	339,607	334,073	340,566
314,166	319,899	320,181	320,662	315,542	321,606
17,336	16,952	17,239	17,602	17,275	17,684
1,251	1,274	1,278	1,343	1,256	1,276
86,589	86,253	85,907	87,316	86,617	87,332
28,640	28,798	28,598	28,374	28,453	28,667
45,090	44,314	44,142	45,803	45,314	45,551
12,859	13,141	13,167	13,139	12,850	13,114
303,328	304,911	309,580	305,257	304,902	307,402
93,920	93,758	94,657	92,488	92,893	93,816
58,041	58,867	59,633	60,020	59,082	59,355
68,032	69,023	71,820	68,785	67,899	68,776
83,335	83,263	83,470	83,964	85,027	85,455
428,010	433,125	434,208	431,888	432,975	433,807
18,324	18,286	18,556	19,016	18,538	18,861
104,631	102,858	104,422	106,094	105,321	105,746
28,060	29,377	28,795	27,877	28,522	29,168
276,996	282,604	282,435	278,900	280,594	280,032
385,434	391,483	391,740	392,616	386,062	393,463
107,467	109,851	109,391	108,681	106,568	109,658
112,183	113,100	113,171	113,697	112,910	113,687
165,784	168,532	169,179	170,239	166,585	170,118
616,932	619,540	621,015	614,923	609,925	618,018
418,676	420,852	422,727	415,671	412,304	418,477
102,041	102,940	102,993	103,133	102,560	103,198
96,215	95,747	95,294	96,119	95,061	96,343
216,548	217,667	217,716	216,884	218,043	219,848
87,225	87,758	87,794	84,892	88,425	88,571
44,594	44,931	44,978	44,942	44,452	44,766
40,972	41,277	41,005	41,950	41,017	41,590
43,757	43,700	43,938	45,100	44,148	44,922
2,369,595	2,391,104	2,398,863	2,388,492	2,372,596	2,400,435

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	2024					
	Jan.	Feb.	Mac.	Apr.	Mei.	
1. Makanan, minuman dan tembakau Food, beverages and tobacco	334,249	333,253	332,701	334,073	334,617	
10 Pembuatan produk makanan Manufacture of food products	315,935	314,888	314,241	315,542	316,083	
11 Pembuatan minuman Manufacture of beverages	17,041	17,045	17,129	17,275	17,289	
12 Pembuatan produk tembakau Manufacture of tobacco products	1,272	1,320	1,331	1,256	1,245	
2. Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	86,619	86,300	86,686	86,617	87,340	
13 Pembuatan tekstil Manufacture of textiles	28,464	27,993	28,324	28,453	28,899	
14 Pembuatan pakaian Manufacture of wearing apparel	45,202	45,287	45,474	45,314	45,504	
15 Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	12,953	13,021	12,889	12,850	12,936	
3. Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	304,136	304,734	303,654	304,902	305,392	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	93,472	93,238	92,030	92,893	94,455	
17 Pembuatan kertas dan produk kertas Manufacture of paper and paper products	59,457	59,910	59,848	59,082	58,102	
18 Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	68,570	68,558	68,381	67,899	68,016	
31 Pembuatan perabot Manufacture of furniture	82,638	83,028	83,395	85,027	84,819	
4. Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	430,409	430,174	430,792	432,975	432,442	
19 Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	18,245	18,511	18,821	18,538	18,340	
20 Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	103,959	104,451	105,483	105,321	105,043	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceutical products and pharmaceutical preparations	27,305	27,303	27,334	28,522	28,114	
22 Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	280,900	279,909	279,154	280,594	280,946	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	387,410	385,020	386,423	386,062	386,414	
23 Pembuatan produk galian bukan logam lain Manufacture of other non-metalic mineral products	107,161	105,855	105,786	106,568	107,172	
24 Pembuatan logam asas Manufacture of basic metals	113,533	112,816	113,159	112,910	112,702	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	166,716	166,349	167,479	166,585	166,541	
6. Produk elektrik dan elektronik Electrical and electronic products	612,053	608,381	607,755	609,925	613,847	
26 Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	414,252	410,364	409,864	412,304	416,510	
27 Pembuatan kelengkapan elektrik Manufacture of electrical equipment	103,051	102,040	102,916	102,560	102,908	
28 Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	94,750	95,978	94,976	95,061	94,429	
7. Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	218,037	217,138	215,332	218,043	217,662	
29 Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	88,016	87,310	84,973	88,425	87,703	
30 Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	44,728	44,592	44,601	44,452	44,655	
32 Pembuatan lain Other manufacturing	40,834	40,981	41,328	41,017	41,131	
33 Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	44,459	44,254	44,429	44,148	44,174	
Pembuatan Manufacturing	Jumlah Total	2,372,913	2,365,000	2,363,344	2,372,596	2,377,714

2025										
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac.	Apr.
332,754	335,027	336,264	338,126	338,329	338,432	338,698	341,009	340,481	339,607	340,566
314,166	316,507	318,162	319,899	319,968	320,123	320,181	322,254	321,643	320,662	321,606
17,336	17,274	16,922	16,952	17,086	17,043	17,239	17,468	17,505	17,602	17,684
1,251	1,245	1,179	1,274	1,275	1,265	1,278	1,287	1,333	1,343	1,276
86,589	86,065	85,317	86,253	85,480	85,726	85,907	87,311	87,082	87,316	87,332
28,640	28,547	28,734	28,798	28,660	28,619	28,598	28,663	28,133	28,374	28,667
45,090	44,693	43,718	44,314	43,599	43,860	44,142	45,487	45,657	45,803	45,551
12,859	12,825	12,865	13,141	13,221	13,247	13,167	13,161	13,293	13,139	13,114
303,328	302,367	304,013	304,911	309,032	310,117	309,580	305,979	307,406	305,257	307,402
93,920	93,974	93,279	93,758	94,318	95,447	94,657	93,720	93,923	92,488	93,816
58,041	57,797	58,093	58,867	59,728	59,564	59,633	59,654	60,260	60,020	59,355
68,032	68,063	69,364	69,023	70,855	71,857	71,820	68,958	69,056	68,785	68,776
83,335	82,533	83,277	83,263	84,130	83,248	83,470	83,647	84,166	83,964	85,455
428,010	431,584	433,640	433,125	434,916	435,661	434,208	432,598	432,411	431,888	433,807
18,324	18,405	18,459	18,286	18,537	18,614	18,556	18,603	18,857	19,016	18,861
104,631	103,731	104,234	102,858	103,939	104,307	104,422	104,500	105,439	106,094	105,746
28,060	28,554	29,409	29,377	29,526	28,793	28,795	28,111	27,956	27,877	29,168
276,996	280,894	281,538	282,604	282,913	283,946	282,435	281,384	280,159	278,900	280,032
385,434	386,640	390,348	391,483	390,751	389,323	391,740	393,449	391,636	392,616	393,463
107,467	108,192	109,211	109,851	109,884	109,826	109,391	109,561	108,462	108,681	109,658
112,183	112,176	111,893	113,100	113,072	112,928	113,171	114,143	113,743	113,697	113,687
165,784	166,273	169,244	168,532	167,795	166,569	169,179	169,745	169,431	170,239	170,118
616,932	608,374	610,008	619,540	623,069	624,674	621,015	615,864	615,496	614,923	618,018
418,676	408,852	409,999	420,852	422,801	425,277	422,727	416,559	414,718	415,671	418,477
102,041	103,128	103,844	102,940	104,362	103,182	102,993	103,595	103,565	103,133	103,198
96,215	96,394	96,165	95,747	95,906	96,215	95,294	95,709	97,213	96,119	96,343
216,548	219,396	218,474	217,667	218,496	217,907	217,716	218,774	219,152	216,884	219,848
87,225	88,128	88,197	87,758	88,590	87,996	87,794	87,663	87,497	84,892	88,571
44,594	45,332	44,388	44,931	44,421	44,701	44,978	45,277	45,029	44,942	44,766
40,972	41,704	41,324	41,277	41,483	41,513	41,005	41,062	41,623	41,950	41,590
43,757	44,231	44,565	43,700	44,001	43,697	43,938	44,773	45,003	45,100	44,922
2,369,595	2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863	2,394,984	2,393,664	2,388,492	2,400,435

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	
			Q1	Q2	Q3	Q4	Q1	
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	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	6.1	2.3	4.6	4.1	2.5	2.3	2.0	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.6	2.6	2.1	2.8	2.1	2.6	2.8	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	
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	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	1.5	1.0	0.7	0.9	0.7	1.0	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	
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	
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	
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	
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	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	6.1	1.8	5.1	3.4	2.3	1.8	0.7	
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	
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	
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	
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	
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	
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	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	1.8	0.1	0.2	0.1	0.3	0.1	2.7	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.6	0.9	0.5	0.9	1.1	0.9	0.5	
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	
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	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-1.1	0.6	-1.6	-0.5	-1.4	0.6	0.2	
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	
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	
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	
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	
32 Pembuatan lain <i>Other manufacturing</i>	0.5	0.1	1.0	1.2	0.2	0.1	1.5	
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	
Pembuatan Manufacturing	Jumlah Total	1.7	1.0	0.5	1.0	0.8	1.0	1.1

2024	2025	2024												2025			
(Jan. - Apr.)	(Jan. - Apr.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
4.7	1.9	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
4.8	1.9	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
2.6	2.4	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
-1.4	1.6	-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
1.8	0.8	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
0.8	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
2.9	0.5	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
0.3	2.1	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
1.3	0.8	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	1.0	-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
0.8	0.5	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
-2.4	1.3	-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
5.7	0.5	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
-0.1	0.2	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
1.6	1.7	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
0.5	0.4	-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
0.6	2.3	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
-0.5	-0.2	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
2.3	1.9	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
0.5	2.9	-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
0.8	0.7	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
4.5	2.1	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
-1.4	1.3	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
-1.3	1.5	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
-0.7	0.6	-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
-2.4	1.3	-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
1.5	0.8	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
1.7	0.2	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
1.7	0.7	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
1.3	1.4	-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
1.1	1.8	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
1.0	1.2	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

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	
	Q1	Q2	Q3	Q4	Q1	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	0.5	0.02	1.6	0.2	0.3	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	0.4	-0.02	1.8	0.1	0.2	
11 Pembuatan minuman <i>Manufacture of beverages</i>	1.9	1.2	-2.2	1.7	2.1	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	5.7	-6.0	1.8	0.3	5.1	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	0.8	-0.1	-0.4	-0.4	1.6	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	0.1	1.1	0.5	-0.7	-0.8	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	1.5	-0.8	-1.7	-0.4	3.8	
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	
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	
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	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	-3.0	1.4	1.3	0.6	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	1.7	-0.1	-0.1	0.2	0.6	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-0.2	-0.6	1.2	0.3	-0.5	
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	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.9	-0.8	-1.7	1.5	1.6	
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	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-0.9	-0.8	2.0	-0.1	-1.3	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	-0.1	-0.3	1.6	0.1	0.2	
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	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.9	-0.9	0.8	0.1	0.5	
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	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-1.3	1.5	0.4	0.2	-1.0	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.5	-0.8	0.9	0.1	0.1	
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	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-0.6	0.6	0.5	0.02	-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	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	0.7	-0.02	0.8	0.1	-0.1	
32 Pembuatan lain <i>Other manufacturing</i>	0.9	-0.9	0.7	-0.7	2.3	
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	
Pembuatan Manufacturing	Jumlah Total	-0.5	0.3	0.9	0.3	-0.4

(%)															
2024												2025			
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
1.0	-0.3	-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
1.0	-0.3	-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
1.4	0.02	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
1.0	3.7	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
0.8	-0.4	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
0.6	-1.7	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
0.9	0.2	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
0.6	0.5	-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
-0.9	0.2	-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
-0.8	-0.3	-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
0.3	0.8	-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
-3.8	-0.02	-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
0.8	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
-0.3	-0.1	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
-1.2	1.5	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
0.4	0.5	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
-2.4	-0.01	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
-0.2	-0.4	-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
0.2	-0.6	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
-1.9	-1.2	-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
1.2	-0.6	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
0.8	-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
-0.6	-0.6	-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
-1.2	-0.9	-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
0.6	-1.0	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
0.8	1.3	-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
0.6	-0.4	-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
0.5	-0.8	-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
1.0	-0.3	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
-0.3	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
1.4	-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
-0.1	-0.3	-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

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				2025	2024	
			Q1	Q2	Q3	Q4	Q1	(Jan. - Apr.)	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	11,901	12,323	3,042	3,019	3,066	3,197	3,145	4,048	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	11,261	11,643	2,874	2,855	2,901	3,013	2,964	3,824	
11 Pembuatan minuman <i>Manufacture of beverages</i>	573	615	151	149	149	166	164	202	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	66	66	17	15	16	18	17	22	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2,013	2,047	515	506	501	525	525	685	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	706	720	176	180	181	183	179	235	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	964	974	251	240	233	250	253	333	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	343	354	88	86	87	93	92	117	
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	2,508	2,582	2,606	3,402	
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	701	711	713	925	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2,148	2,162	554	526	529	553	556	730	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	2,382	2,497	623	636	613	626	638	832	
31 Pembuatan perabot <i>Manufacture of furniture</i>	2,687	2,716	694	664	665	693	700	915	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	21,375	21,485	5,345	5,261	5,369	5,510	5,426	7,108	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	2,502	2,526	682	571	597	675	692	871	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	5,931	5,843	1,501	1,412	1,440	1,490	1,522	1,991	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	804	811	191	198	204	218	193	259	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	12,139	12,305	2,971	3,080	3,127	3,127	3,019	3,988	
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	3,835	3,949	4,058	5,242	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	4,721	4,881	1,201	1,211	1,212	1,256	1,233	1,605	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4,262	4,381	1,144	1,089	1,054	1,094	1,157	1,515	
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	1,569	1,600	1,668	2,122	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	30,130	29,950	7,520	7,395	7,298	7,737	7,570	9,916	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	21,732	21,586	5,415	5,367	5,214	5,590	5,440	7,150	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3,948	3,946	975	975	1,007	990	985	1,278	
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	1,077	1,158	1,146	1,487	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	7,528	7,689	1,889	1,932	1,897	1,971	1,937	2,534	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	3,625	3,683	891	932	915	946	898	1,200	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	1,171	1,232	307	309	302	313	324	410	
32 Pembuatan lain <i>Other manufacturing</i>	1,325	1,354	329	333	338	354	350	440	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	1,407	1,420	362	359	342	357	365	485	
Pembuatan Manufacturing	Jumlah Total	97,789	99,268	24,823	24,500	24,474	25,470	25,268	32,935

(RM Juta/Million)																
2025 (Jan. - Apr.)	2024												2025			
	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
4,183	1,046	1,002	994	1,006	1,009	1,003	1,016	1,014	1,036	1,035	1,041	1,121	1,075	1,042	1,029	1,038
3,942	989	947	938	950	956	949	962	960	979	977	980	1,055	1,013	982	968	979
218	51	50	50	51	49	49	49	49	51	52	55	59	56	54	55	54
22	6	6	6	5	5	5	5	5	5	6	5	7	6	6	6	5
698	177	168	170	170	171	166	166	165	170	169	174	183	179	173	173	173
239	60	57	59	59	61	60	60	60	61	60	61	62	61	58	59	60
336	87	82	82	82	81	77	78	76	79	78	82	89	86	83	84	83
123	30	29	29	29	29	29	28	29	30	30	31	32	31	31	30	31
3,459	859	857	850	837	845	832	836	834	837	845	851	885	871	872	863	853
950	234	231	230	231	231	227	235	232	234	235	236	240	239	238	236	238
734	184	186	183	176	174	175	174	175	179	183	181	188	185	187	184	178
852	204	210	209	209	214	213	210	206	197	200	207	219	209	216	213	214
923	237	229	228	221	226	217	217	220	227	227	227	239	238	232	230	223
7,204	1,778	1,756	1,810	1,764	1,738	1,760	1,771	1,800	1,798	1,810	1,809	1,890	1,807	1,786	1,833	1,778
884	216	216	250	188	185	198	194	195	208	219	212	244	219	219	253	192
2,017	493	497	510	490	456	467	475	486	479	482	484	523	498	507	518	495
262	66	62	63	68	65	65	67	69	68	70	68	79	67	62	63	69
4,040	1,003	981	987	1,017	1,033	1,030	1,036	1,049	1,043	1,039	1,044	1,044	1,023	997	998	1,022
5,396	1,337	1,303	1,307	1,294	1,299	1,280	1,270	1,274	1,290	1,287	1,288	1,374	1,372	1,343	1,343	1,338
1,649	406	393	402	403	405	403	403	402	407	412	417	427	415	404	414	416
1,536	391	377	376	371	363	355	350	348	357	350	352	392	394	384	379	378
2,212	540	532	530	520	530	522	518	524	527	524	520	555	563	555	550	544
10,034	2,527	2,523	2,470	2,396	2,480	2,519	2,433	2,399	2,466	2,495	2,493	2,749	2,534	2,542	2,494	2,463
7,225	1,810	1,821	1,784	1,736	1,797	1,835	1,739	1,707	1,768	1,792	1,801	1,996	1,811	1,829	1,799	1,785
1,300	330	323	321	303	334	337	339	336	331	328	317	344	334	327	324	315
1,509	386	380	365	356	349	347	355	356	366	375	375	408	389	386	370	363
2,599	627	633	629	646	649	638	631	633	634	641	642	689	641	651	644	662
1,212	298	302	290	309	313	310	303	307	305	308	304	334	299	305	293	314
431	100	101	107	103	105	102	102	99	102	104	104	106	107	107	111	107
467	108	109	111	111	112	110	112	113	113	114	115	125	115	117	118	117
489	120	121	121	123	120	116	114	114	114	115	119	124	120	122	122	124
33,574	8,350	8,243	8,230	8,112	8,191	8,198	8,124	8,119	8,231	8,282	8,298	8,890	8,479	8,410	8,379	8,306

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

Subsektor Sub-sector	2023	2024	2024				2025	
			Q1	Q2	Q3	Q4	Q1	
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	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	7.9	3.4	4.4	3.6	3.2	2.4	3.1	
11 Pembuatan minuman <i>Manufacture of beverages</i>	7.7	7.3	6.7	7.2	7.4	7.9	8.9	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4.8	-0.6	-3.5	-1.4	2.2	0.7	0.5	
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	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	5.0	1.9	2.3	2.4	1.6	1.5	1.8	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	1.0	2.8	1.6	0.9	-1.1	0.8	
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	
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	
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	
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	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	5.1	1.1	1.7	1.4	0.7	0.6	0.9	
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	
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	
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	
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	
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	
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	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	2.5	3.4	5.0	4.4	2.5	1.8	2.6	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	1.9	2.8	1.5	3.0	4.2	2.7	1.2	
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	
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	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.2	-0.04	-3.1	2.0	0.4	0.7	1.0	
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	
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	
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	
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	
32 Pembuatan lain <i>Other manufacturing</i>	1.9	2.2	0.1	2.8	3.1	2.8	6.4	
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	
Pembuatan	Jumlah Total	3.5	1.5	1.2	1.4	1.7	1.7	1.8

(%)

2024	2025	2024												2025			
(Jan. - Apr.)	(Jan. - Apr.)	Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac.	Apr.
4.4	3.3	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
4.4	3.1	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
6.9	8.1	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
-3.3	1.4	-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
2.4	1.9	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
2.3	1.7	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
2.6	0.8	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
1.8	5.4	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
2.7	1.7	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
2.8	2.7	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
0.9	0.6	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
5.2	2.4	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
1.7	0.8	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
-0.3	1.3	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
0.7	1.6	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
-3.0	1.3	-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
1.2	1.1	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
0.8	1.3	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
5.3	2.9	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
5.4	2.8	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
2.1	1.4	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
7.6	4.2	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
-1.6	1.2	-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
-1.6	1.0	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
-2.0	1.7	-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
-1.6	1.5	-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
1.9	2.6	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
1.8	1.1	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
3.9	5.1	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
1.3	6.2	-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
0.8	0.9	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
1.2	1.9	2.0	1.0	0.7	1.2	1.1	1.8	2.4	1.5	1.2	1.7	1.8	1.7	1.5	2.0	1.8	2.4

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	
	Q1	Q2	Q3	Q4	Q1	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-2.3	-0.8	1.6	4.3	-1.6	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-2.4	-0.7	1.6	3.9	-1.6	
11 Pembuatan minuman <i>Manufacture of beverages</i>	-1.9	-1.4	0.4	11.1	-1.0	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	-4.4	-9.6	0.9	15.4	-4.6	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	-1.1	-1.9	-1.0	4.9	-0.1	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.5	2.2	0.5	1.3	-2.2	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	-0.3	-4.8	-2.6	7.0	1.6	
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	
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	
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	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	0.8	-5.1	0.7	4.4	0.6	
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	
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.8	-4.3	0.1	4.2	1.0	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-1.1	-1.6	2.1	2.6	-1.5	
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	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.9	-5.9	1.9	3.5	2.2	
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	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-2.8	3.7	1.5	-0.01	-3.46	
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	
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	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	7.4	-4.8	-3.3	3.8	5.8	
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	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-2.3	-1.7	-1.3	6.0	-2.2	
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	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-0.8	-0.01	3.3	-1.7	-0.5	
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	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-2.2	2.3	-1.8	3.9	-1.7	
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	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	4.2	0.5	-2.1	3.5	3.6	
32 Pembuatan lain <i>Other manufacturing</i>	-4.7	1.2	1.6	4.9	-1.3	
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	
Pembuatan	Jumlah Total	-0.9	-1.3	-0.1	4.1	-0.8

(%)															
2024												2025			
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
-4.0	-4.1	-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
-3.8	-4.2	-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
-5.2	-2.8	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
-18.2	1.8	-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
-2.1	-5.0	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
-1.0	-4.8	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
-3.2	-6.5	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
-1.3	-0.8	-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
-1.4	-0.2	-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
0.2	-1.1	-0.5	0.5	0.004	-1.7	3.6	-1.2	0.7	0.4	0.5	1.7	-0.4	-0.5	-1.0	0.9
-1.7	1.0	-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
-4.3	3.1	-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
0.002	-3.1	-0.5	-2.9	2.1	-4.2	0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9	-0.7	-3.2
-4.1	-1.2	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
-10.1	0.2	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
-4.3	0.9	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
-15.1	-6.1	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
-1.7	-2.2	0.6	3.0	1.6	-0.3	0.6	1.3	-0.6	-0.3	0.4	-0.02	-2.0	-2.5	0.1	2.4
-0.3	-2.6	0.3	-1.0	0.3	-1.5	-0.7	0.3	1.3	-0.2	0.1	6.6	-0.1	-2.1	-0.02	-0.4
-3.6	-3.3	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
2.8	-3.5	-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
0.2	-1.4	-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
-7.6	-0.1	-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
-9.2	0.6	-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
-2.7	-2.1	-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
-3.5	-1.7	-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
-7.4	0.9	-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
-10.0	1.1	-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
0.6	0.7	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
-11.6	1.1	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
-2.8	0.6	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
-4.5	-1.3	-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

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

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
2,479	2,592	2,318	3,225	3,011	Processing and preserving of meat
1,492	1,515	1,576	1,991	2,096	Processing and preserving of fish, crustaceans and molluscs
1,385	1,406	1,456	1,854	1,932	Canning of fish, crustaceans and molluscs
106	109	121	137	164	Processing, curing and preserving of fish, crustacean and molluscs
					Other industry
659	662	651	858	868	Processing and preserving of fruits and vegetable
					Pineapple canning
159	167	134	204	177	Manufacture of jams, marmalades and table jellies
499	496	517	653	690	Other industry
49,828	54,312	44,816	53,152	60,526	Manufacture of vegetable and animal oils and fats
					Manufacture of crude and refined vegetable oil
5,468	5,779	5,968	6,525	7,995	Manufacture of compound cooking fats
440	473	459	477	588	Manufacture of coconut oil
43,921	48,060	38,389	46,150	51,942	Other industry
2,983	3,134	3,102	3,833	4,160	Manufacture of dairy products
2,678	2,841	2,808	3,520	3,758	Manufacture of condensed, powdered and evaporated milk
305	293	294	314	402	Other industry
3,150	3,204	3,267	3,940	4,420	Manufacture of grain mill products, starches and starch products
1,557	1,532	1,568	1,884	2,131	Rice milling
1,510	1,589	1,614	1,935	2,174	Flour milling
83	83	85	120	114	Other industry
17,918	18,915	19,259	22,340	25,914	Manufacture of other food products
1,198	1,257	1,121	1,448	1,503	Manufacture of biscuits and cookies
3,851	4,019	4,320	4,633	5,822	Manufacture of bread, cakes and other bakery products
1,050	1,072	988	1,336	1,316	Manufacture of snack products
1,778	1,883	1,794	2,180	2,408	Manufacture of sugar
1,419	1,682	1,669	1,495	2,227	Manufacture of cocoa products
					Manufacture of chocolate and chocolate products
3,633	3,826	4,011	4,772	5,465	Manufacture of sugar confectionery
668	722	693	898	936	Manufacture of sauces and condiments
1,717	1,848	1,942	2,220	2,589	Manufacture of other food products n.e.c.
2,603	2,604	2,723	3,358	3,649	Other industry
4,845	4,737	4,750	6,336	6,420	Manufacture of prepared animal feeds
3,592	3,849	3,734	4,595	4,997	Manufacture of beverages
2,098	2,238	2,127	2,565	2,862	Manufacture of soft drinks
373	391	414	461	557	Production of natural mineral waters and other bottled waters
1,120	1,219	1,193	1,570	1,579	Other industry
885	1,039	1,313	1,706	1,707	Manufacture of tobacco products
1,423	1,384	1,432	1,988	1,929	Spinning, weaving and finishing of textiles
1,023	999	1,050	1,456	1,421	Preparation and spinning of textile fibres
					Weaving of textiles
392	377	372	521	496	Dyeing, bleaching, printing and finishing of yarns and fabrics
8	8	9	11	13	Other industry
1,558	1,605	1,546	2,156	2,055	Manufacture of other textiles
602	576	608	818	814	Manufacture of knitted and crocheted fabrics
957	1,029	938	1,338	1,242	Other industry
2,399	2,417	2,572	3,301	3,388	Manufacture of wearing apparel, except fur apparel
2,069	2,075	2,229	2,884	2,942	Manufacture of clothings
330	342	343	417	446	Other industry
131	134	143	194	185	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
526	672	615	697	789	
196	207	208	301	283	Manufacture of footwear
					Manufacture of leather footwear
137	149	148	202	200	Manufacture of rubber footwear
60	59	60	100	83	Other industry
1,342	1,552	1,703	2,345	2,240	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.
101	Pemprosesan dan pengawetan daging	789	810	803	823	843	811	808
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	531	474	491	495	506	497	494
10201 & 10202	Pengetinan ikan, krustasea dan moluska	495	439	458	463	470	459	459
	Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	36	35	34	32	37	37	35
103	Pemprosesan dan pengawetan buah-buahan dansayur - sayuran	221	206	214	218	226	220	222
10303 & 10304	Pengetinan nanas	52	49	53	51	54	53	53
	Pembuatan jem, marmalad dan sajian jeli Industri lain	169	156	161	167	173	167	169
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	15,661	11,973	11,579	13,939	14,540	14,843	15,891
10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis	1,836	1,604	1,625	1,461	1,550	1,698	1,716
10405	Pembuatan sebatian lemak masakan	120	127	122	108	129	134	152
	Pembuatan minyak kelapa Industri lain	13,705	10,243	9,832	12,371	12,861	13,010	14,023
105	Pembuatan produk tenusu	927	932	995	979	998	936	950
10502	Pembuatan susu pekat, tepung dan sejat Industri lain	845	856	919	899	902	840	852
		82	76	76	80	96	96	98
106	Pembuatan produk bijian, kanji dan produk berkanji	981	917	1,029	1,013	1,058	1,032	1,012
10611 & 10613	Pengilangan beras	450	424	509	502	526	500	502
	Pengilangan tepung Industri lain	501	465	490	480	502	502	483
		30	28	31	31	30	30	28
107	Pembuatan produk makanan lain	5,573	5,383	5,670	5,714	6,063	5,780	5,775
10711 & 10712	Pembuatan biskut dan cookies	368	334	373	372	378	377	401
10712 & 10713	Pembuatan roti, kek dan produk bakeri lain	1,173	1,103	1,155	1,203	1,236	1,189	1,221
10713 & 10721	Pembuatan produk snek	339	300	349	349	384	359	361
10721 & 10731	Pembuatan gula	535	539	552	554	611	566	569
10731 & 10732	Pembuatan produk koko	370	375	364	386	491	469	445
10732 & 10733	Pembuatan coklat dan produk coklat	1,143	1,148	1,248	1,232	1,303	1,184	1,170
10733 & 10793	Pembuatan konfeksi gula	225	219	222	232	236	238	212
10793 & 10799	Pembuatan sos dan bahan perasa	577	555	548	540	544	525	520
	Pembuatan produk makanan lain t.t.t.l. Industri lain	843	812	858	845	880	872	877
108/10800	Pembuatan makanan haiwan tersedia	1,538	1,521	1,646	1,632	1,711	1,602	1,645
110	Pembuatan minuman ringan	1,115	1,091	1,193	1,196	1,113	1,077	1,164
11041 & 11042	Pembuatan minuman ringan	628	592	665	680	606	602	690
	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	109	114	118	120	113	112	124
		379	384	411	396	393	364	350
120/12000	Pembuatan produk tembakau	410	407	490	399	411	305	308
131	Pemintalan, penenunan dan penyiapan tekstil	519	476	485	508	560	519	505
13110 & 13120	Penyediaan dan pemintalan gentian tekstil	375	341	361	379	396	377	368
13132	Penenunan tekstil	141	132	121	126	162	139	134
	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	3	3	2	2	2	2	3
139	Pembuatan tekstil lain	552	542	544	519	527	531	525
13910	Pembuatan fabrik dikait dan dikrusye Industri lain	206	205	206	201	200	202	203
		345	337	338	318	327	329	321
141	Pembuatan pakaian, kecuali pakaian berbulu	850	785	870	795	789	728	842
14102	Pembuatan pakaian Industri lain	748	680	757	698	678	622	726
		102	105	113	97	110	106	116
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	49	49	51	45	43	39	44
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
152	Pembuatan kasut	82	74	74	71	69	69	66
15201 & 15203	Pembuatan kasut kulit	56	49	51	46	45	47	45
	Pembuatan kasut getah Industri lain	26	25	23	25	24	22	21
161/16100	Pengilangan dan pengetaman kayu	606	534	658	547	417	342	356

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
824	847	870	902	820	882	721	715	694	Processing and preserving of meat
495	503	507	503	505	521	520	535	519	Processing and preserving of fish, crustaceans and molluscs
458	468	471	466	469	483	480	493	476	Canning of fish, crustaceans and molluscs
37	35	36	37	36	37	41	42	43	Processing, curing and preserving of fish, crustacean and molluscs
218	218	229	219	214	218	218	215	217	Processing and preserving of fruits and vegetable
51	55	58	57	52	47	44	42	44	Pineapple canning
167	163	171	162	162	171	174	172	173	Manufacture of jams, marmalades and table jellies
17,241	16,696	18,312	17,874	18,126	17,395	14,140	13,280	15,710	Manufacture of vegetable and animal oils and fats
1,843	1,908	1,928	1,854	1,997	2,116	1,839	2,013	2,027	Manufacture of crude and refined vegetable oil
142	145	150	165	159	155	155	149	130	Manufacture of compound cooking fats
15,256	14,643	16,234	15,856	15,970	15,124	12,147	11,118	13,554	Manufacture of coconut oil
1,034	999	1,003	1,096	1,036	1,027	1,006	1,068	1,058	Manufacture of dairy products
933	893	904	997	940	930	909	969	950	Manufacture of condensed, powdered and evaporated milk
101	106	99	98	95	98	98	99	108	Other industry
1,051	1,086	1,097	1,064	1,043	1,042	1,058	1,167	1,153	Manufacture of grain mill products, starches and starch products
517	539	529	501	502	491	507	570	563	Rice milling
507	520	541	535	512	522	523	569	560	Flour milling
28	27	27	28	28	29	27	29	30	Other industry
6,021	6,121	6,327	6,315	6,274	6,390	6,351	6,519	6,655	Manufacture of other food products
394	403	434	411	412	378	362	381	382	Manufacture of biscuits and cookies
1,304	1,327	1,320	1,331	1,368	1,454	1,435	1,430	1,503	Manufacture of bread, cakes and other bakery products
345	344	367	352	353	328	334	325	328	Manufacture of snack products
587	622	650	641	592	586	597	611	614	Manufacture of sugar
503	471	564	557	560	552	569	548	558	Manufacture of cocoa products
1,240	1,223	1,252	1,282	1,292	1,343	1,297	1,371	1,455	Manufacture of chocolate and chocolate products
220	236	239	246	237	226	224	243	243	Manufacture of sugar confectionery
572	626	621	628	599	648	638	656	647	Manufacture of sauces and condiments
857	869	879	866	859	874	895	954	926	Manufacture of other food products n.e.c.
1,641	1,560	1,572	1,640	1,525	1,579	1,524	1,648	1,669	Manufacture of prepared animal feeds
1,234	1,193	1,319	1,263	1,266	1,216	1,199	1,319	1,263	Manufacture of beverages
711	697	794	722	722	667	710	750	735	Manufacture of soft drinks
126	122	130	130	131	130	143	140	143	Production of natural mineral waters and other bottled waters
397	373	395	411	413	418	346	429	385	Other industry
304	274	360	343	336	417	414	482	394	Manufacture of tobacco products
506	412	447	462	475	518	471	443	497	Spinning, weaving and finishing of textiles
363	292	324	333	342	385	344	321	370	Preparation and spinning of textile fibres
140	118	119	127	131	130	123	119	123	Weaving of textiles
3	2	3	3	3	3	3	3	3	Dyeing, bleaching, printing and finishing of yarns and fabrics
526	508	518	542	545	523	512	511	509	Manufacture of other textiles
212	187	184	197	195	203	202	204	205	Manufacture of knitted and crocheted fabrics
314	321	334	345	350	320	311	307	304	Other industry
778	779	805	812	800	860	813	899	816	Manufacture of wearing apparel, except fur apparel
672	671	701	692	682	743	704	782	713	Manufacture of clothings
106	108	104	120	118	117	109	117	103	Other industry
44	44	46	47	41	47	48	47	42	Manufacture of articles of fur, knitted and crocheted apparel
177	198	218	234	221	214	198	203	174	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
67	63	65	71	71	69	70	69	75	Manufacture of footwear
48	44	46	52	51	50	50	48	52	Manufacture of leather footwear
20	19	19	20	20	19	20	21	23	Manufacture of rubber footwear
508	478	526	513	514	542	536	625	537	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
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	18,113	18,986	5,611	3,835
16211	Pembuatan kepingan venier dan papan lapis	9,198	9,691	2,923	1,899
16212	Pembuatan papan partikel dan papan gentian	5,112	5,421	1,559	1,095
16221	Pertukangan kayu untuk jurubina	2,034	2,123	621	423
	Industri lain	1,769	1,752	508	418
170	Pembuatan kertas dan produk kertas	29,883	30,153	7,711	7,488
17010	Pembuatan pulpa, kertas dan kertas tebal	5,677	5,935	1,494	1,472
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	10,374	9,928	2,459	2,423
17091	Pembuatan sampul surat dan kad surat	375	367	87	91
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6,791	6,352	1,758	1,630
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	3,906	4,133	1,098	1,027
	Industri lain	2,760	3,437	814	844
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	14,526	15,504	3,948	3,708
18110	Percetakan	11,353	12,777	3,187	3,049
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan & Penerbitan semula media rakaman	3,172	2,727	762	658
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	224,749	208,646	48,509	52,490
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	68,175	68,165	17,271	16,835
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	1,706	2,103	449	509
20112 & 20113	Pembuatan kimia organik asas & Pembuatan sebatian bukan organik	34,217	35,316	8,901	8,711
20121 & 20129	Pembuatan baja & Pembuatan produk campuran nitrogen	4,778	3,504	910	932
20131	Pembuatan plastik dalam bentuk primer	22,266	21,812	5,695	5,331
	Industri lain	5,208	5,430	1,317	1,353
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	44,200	47,093	12,324	11,473
20210	Pembuatan racun perosak dan produk agrokimia lain	5,078	4,650	1,297	1,177
20221	Pembuatan cat, varnis dan penyadur dan mastik	13,718	15,830	4,315	3,918
20222	Pembuatan dakwat cetak	1,107	1,190	314	296
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat & Pembuatan pewangi dan penyediaan dandanan diri	15,295	15,406	4,062	3,723
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
20299	Pembuatan produk kimia lain t.t.t.l.				
	Industri lain	762	711	184	148
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	10,708	11,312	2,848	2,807
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	8,789	9,124	2,324	2,332
	Industri lain	1,919	2,188	524	474
221	Pembuatan produk getah	59,737	64,337	15,366	17,305
22111	Pembuatan tayar getah untuk kenderaan	2,600	2,256	512	605
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	867	931	220	226
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
22192	Pembuatan sarung tangan getah	44,199	47,905	11,433	13,203
22199	Pembuatan produk getah lain yang t.t.t.l.	5,997	6,451	1,591	1,619
222	Pembuatan produk plastik	61,440	64,780	14,931	16,804
22201 & 22202	Pembuatan produk plastik separa siap & Pembuatan produk plastik siap	15,859	15,708	3,724	4,109
22203	Pembuatan artikel plastik untuk pembungkusan barangan	21,068	22,842	5,141	6,051
22204	Pembuatan barangan plastik jurubina	3,053	3,381	768	812
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7,594	7,593	1,683	1,994
22209	Pembuatan pelbagai produk plastik t.t.t.l.	13,866	15,257	3,616	3,839
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	5,230	5,376	1,477	1,352

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
4,248	5,293	5,648	7,161	7,221	Manufacture of products of wood, cork, straw and plaiting materials
2,081	2,787	3,098	3,710	3,939	Manufacture of veneer sheets and plywood
1,256	1,511	1,493	1,995	1,906	Manufacture of particle board and fibreboard
498	580	625	788	788	Manufacture of builders' carpentry
412	414	431	668	587	Other industry
7,466	7,487	7,601	10,323	10,191	Manufacture of paper and paper products
1,493	1,477	1,526	1,973	2,024	Manufacture of pulp, paper and paperboard
2,567	2,479	2,376	3,291	3,197	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
90	98	95	120	129	Manufacture of envelopes and letter-card
1,476	1,488	1,647	2,370	2,214	Manufacture of household and personal hygiene paper
933	1,075	1,060	1,488	1,440	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
908	870	896	1,082	1,187	Other industry
3,777	4,071	4,213	5,228	5,578	Printing, service activities related to printing and reproduction of recorded media
3,148	3,393	3,553	4,233	4,718	Printing
630	678	661	995	860	Service activities related to printing
					Reproduction of recorded media
56,180	51,468	45,602	65,627	61,245	Manufacture of refined petroleum products
17,504	16,555	18,548	23,076	24,652	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
549	597	678	618	920	Manufacture of liquefied or compressed inorganic industrial or medical gases
9,040	8,665	9,857	12,067	13,126	Manufacture of basic organic chemicals
					Manufacture of inorganic compounds
					Manufacture of fertilizers
844	819	973	1,219	1,298	Manufacture of associated nitrogen products
5,678	5,108	5,338	7,409	6,912	Manufacture of plastics in primary forms
1,394	1,366	1,703	1,764	2,396	Other industry
11,956	11,339	11,753	16,113	15,405	Manufacture of other chemical products and man-made fibres
1,138	1,038	1,042	1,685	1,352	Manufacture of pesticides and other agrochemical products
3,891	3,706	3,839	5,643	4,983	Manufacture of paints, varnishes and similar coatings ink and mastics
302	277	291	421	391	Manufacture of printing ink
4,085	3,536	3,784	5,262	4,935	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
2,350	2,593	2,615	2,872	3,500	Manufacture of writing and drawing ink
					Manufacture of other chemical products n.e.c.
190	190	183	229	245	Other industry
2,885	2,772	3,016	3,813	4,053	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2,291	2,177	2,447	3,138	3,294	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
595	595	568	675	759	Other industry
15,928	15,738	16,631	21,406	22,941	Manufacture of rubber products
569	570	533	697	723	Manufacture of rubber tyres for vehicles
244	241	248	292	329	Manufacture of interchangeable tyre treads and retreading rubber tyres
					Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
1,741	1,793	1,552	2,169	2,097	Rubber remilling and latex processing
11,702	11,565	12,743	16,129	17,717	Manufacture of rubber gloves
1,672	1,569	1,557	2,120	2,076	Manufacture of other rubber products n.e.c.
16,601	16,444	15,189	20,680	21,026	Manufacture of plastics products
3,903	3,972	3,788	5,098	5,135	Manufacture of semi-manufactures of plastic products
					Manufacture of finished plastic products
5,990	5,661	5,161	7,180	7,249	Manufacture of plastic articles for the packing of goods
894	907	831	1,038	1,146	Manufacture of builders' plastics ware
2,029	1,886	1,729	2,376	2,384	Manufacture of plastic tableware, kitchenware and toilet articles
3,784	4,017	3,680	4,988	5,112	Manufacture of diverse plastic products n.e.c.
1,286	1,260	1,431	1,946	1,929	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.
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
16211	Pembuatan kepingan venier dan papan lapis	969	930	1,025	786	605	507	515
16212	Pembuatan papan partikel dan papan gentian	531	470	558	436	352	306	337
16221	Pertukangan kayu untuk jurubina	201	201	219	168	133	123	138
	Industri lain	175	157	176	160	130	127	133
170	Pembuatan kertas dan produk kertas	2,579	2,537	2,595	2,612	2,456	2,420	2,513
17010	Pembuatan pulpa, kertas dan kertas tebal	507	519	469	479	491	502	520
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	863	762	834	832	783	809	876
17091	Pembuatan sampul surat dan kad surat	30	28	29	33	30	29	27
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	555	574	628	612	549	470	480
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	352	388	358	390	315	322	294
	Industri lain	272	266	276	268	288	289	316
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
18110	Percetakan	1,059	1,056	1,071	1,046	983	1,020	1,074
18120 &	Aktiviti perkhidmatan berkaitan percetakan							
18200	Penerbitan semula media rakaman	262	260	239	233	217	208	222
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	17,176	15,204	16,129	17,118	16,001	19,370	19,483
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
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	144	143	162	169	172	168	188
20112 &	Pembuatan kimia organik asas							
20113	Pembuatan sebatian bukan organik	3,011	2,939	2,950	3,166	2,908	2,637	2,954
20121 &	Pembuatan baja							
20129	Pembuatan produk campuran nitrogen	290	272	348	309	307	316	294
20131	Pembuatan plastik dalam bentuk primer	1,962	1,829	1,903	1,714	1,749	1,868	1,873
	Industri lain	470	423	424	447	454	451	480
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	4,446	3,772	4,106	3,788	3,860	3,825	3,922
20210	Pembuatan racun perosak dan produk agrokimia lain	448	436	413	388	389	400	388
20221	Pembuatan cat, varnis dan penyadur dan mastik	1,515	1,285	1,514	1,328	1,322	1,268	1,291
20222	Pembuatan dakwat cetak	110	98	107	107	100	89	107
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat							
20232	Pembuatan pewangi dan penyediaan dandanan diri	1,539	1,231	1,292	1,199	1,246	1,278	1,334
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials							
20292 &	Pembuatan dakwat menulis dan melukis							
20299	Pembuatan produk kimia lain t.t.t.l.	768	663	721	720	752	738	744
	Industri lain	65	59	59	46	51	52	59
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	904	942	1,001	965	846	996	962
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	730	768	826	814	698	820	782
	Industri lain	174	175	175	151	148	176	180
221	Pembuatan produk getah	4,890	4,468	6,007	6,041	5,728	5,536	5,605
22111	Pembuatan tayar getah untuk kenderaan	177	165	171	185	215	204	198
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	75	68	77	72	77	77	82
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan							
22193	Pengilangan semula getah dan prosesan susu getah	552	492	564	560	559	533	598
22192	Pembuatan sarung tangan getah	3,527	3,248	4,658	4,696	4,352	4,155	4,164
22199	Pembuatan produk getah lain yang t.t.t.l.	559	495	537	529	525	566	562
222	Pembuatan produk plastik	4,937	4,742	5,252	5,749	5,823	5,232	5,602
22201 &	Pembuatan produk plastik separa siap							
22202	Pembuatan produk plastik siap	1,234	1,161	1,329	1,375	1,420	1,314	1,339
22203	Pembuatan artikel plastik untuk pembungkusan barangan	1,680	1,657	1,804	2,039	2,125	1,887	2,043
22204	Pembuatan barangan plastik jurubina	248	241	279	271	281	261	301
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	564	527	592	692	664	637	698
22209	Pembuatan pelbagai produk plastik t.t.t.l.	1,212	1,156	1,248	1,372	1,333	1,133	1,221
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	506	486	485	469	453	430	477

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
1,467	1,659	1,793	1,759	1,741	1,916	1,770	1,961	1,573	Manufacture of products of wood, cork, straw and plaiting materials
715	852	949	928	910	1,055	979	1,065	840	Manufacture of veneer sheets and plywood
428	491	511	505	495	512	452	529	413	Manufacture of particle board and fibreboard
185	175	194	191	195	211	198	216	163	Manufacture of builders' carpentry
139	141	138	135	141	139	141	151	157	Other industry
2,508	2,445	2,428	2,551	2,509	2,530	2,510	2,561	2,590	Manufacture of paper and paper products
499	474	467	509	501	514	529	484	498	Manufacture of pulp, paper and paperboard
866	825	807	852	820	789	787	800	820	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
31	32	33	33	32	33	30	32	34	Manufacture of envelopes and letter-card
494	502	490	507	490	537	531	580	567	Manufacture of household and personal hygiene paper
318	321	340	361	375	347	338	374	380	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
301	291	290	289	291	310	295	291	291	Other industry
1,234	1,247	1,228	1,440	1,403	1,410	1,412	1,391	1,365	Printing, service activities related to printing and reproduction of recorded media
1,019	1,054	1,034	1,192	1,167	1,185	1,185	1,183	1,166	Printing
215	193	195	247	236	225	228	208	199	Service activities related to printing
									Reproduction of recorded media
18,780	17,917	18,536	17,782	15,150	16,807	14,180	14,614	15,643	Manufacture of refined petroleum products
6,176	5,540	5,172	5,495	5,888	6,506	5,836	6,205	6,104	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
180	182	167	208	223	211	217	250	243	Manufacture of liquefied or compressed inorganic industrial or medical gases
									Manufacture of basic organic chemicals
3,202	2,883	2,589	2,899	3,177	3,647	2,980	3,230	3,269	Manufacture of inorganic compounds
									Manufacture of fertilizers
291	258	262	277	280	300	313	360	325	Manufacture of associated nitrogen products
2,037	1,768	1,702	1,657	1,749	1,834	1,755	1,749	1,574	Manufacture of plastics in primary forms
465	449	451	455	460	515	571	617	693	Other industry
4,065	3,969	3,819	3,840	3,681	3,922	3,890	3,941	3,652	Manufacture of other chemical products and man-made fibres
373	377	367	335	336	358	354	329	310	Manufacture of pesticides and other agrochemical products
1,321	1,280	1,262	1,304	1,140	1,239	1,288	1,312	1,144	Manufacture of paints, varnishes and similar coatings ink and mastics
104	91	92	94	92	95	94	103	99	Manufacture of printing ink
									Manufacture of soap and detergents, cleaning and polishing preparations
1,455	1,296	1,195	1,179	1,162	1,300	1,223	1,261	1,151	Manufacture of perfumes and toilet preparations
									Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
754	852	841	868	884	864	873	877	886	Manufacture of writing and drawing ink
									Manufacture of other chemical products n.e.c.
58	73	63	60	67	65	58	60	62	Other industry
954	970	949	912	911	935	1,010	1,070	1,038	Manufacture of pharmaceuticals, medicinal chemical and botanical products
740	769	740	726	710	756	822	869	847	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
214	201	208	186	201	179	188	201	190	Other industry
5,109	5,214	5,520	5,163	5,056	5,327	4,844	6,460	6,310	Manufacture of rubber products
188	183	204	187	179	189	169	174	190	Manufacture of rubber tyres for vehicles
81	81	82	80	79	82	81	84	81	Manufacture of interchangeable tyre treads and retreading rubber tyres
									Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
580	563	577	604	612	528	469	554	546	Rubber remilling and latex processing
3,711	3,828	4,123	3,773	3,669	3,979	3,639	5,125	4,974	Manufacture of rubber gloves
549	560	534	518	517	549	486	522	519	Manufacture of other rubber products n.e.c.
5,532	5,467	5,540	5,607	5,297	5,036	4,829	5,324	5,836	Manufacture of plastics products
									Manufacture of semi-manufactures of plastic products
1,285	1,279	1,330	1,356	1,286	1,265	1,195	1,328	1,347	Manufacture of finished plastic products
1,976	1,971	1,952	1,915	1,794	1,700	1,658	1,804	2,088	Manufacture of plastic articles for the packing of goods
293	300	304	320	283	270	263	298	314	Manufacture of builders' plastics ware
683	648	675	619	592	575	540	614	655	Manufacture of plastic tableware, kitchenware and toilet articles
1,295	1,269	1,278	1,397	1,343	1,226	1,174	1,280	1,433	Manufacture of diverse plastic products n.e.c.
422	387	388	425	447	456	474	501	498	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
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	47,547	50,695	13,691	12,279
23911 & 23921	Pembuatan mortar refraktori dan konkrit	2,458	2,541	661	588
23930	Pembuatan produk porselin dan seramik lain	1,012	948	226	240
23941	Pembuatan simen hidrolik	12,283	12,553	3,473	3,086
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	8,934	9,272	2,529	2,229
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
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	4,620	5,094	1,331	1,273
	Industri lain	1,653	1,551	405	362
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	30,976	33,154	8,906	7,470
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	24,813	25,895	6,795	6,075
243	Pengacuan logam	667	740	188	187
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	32,069	33,584	9,084	8,805
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	22,561	24,100	6,415	6,222
25120	Pembuatan produk struktur logam lain				
	Pembuatan tangki, takungan dan kontena daripada logam	8,681	8,806	2,478	2,415
	Industri lain	827	678	191	168
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	38,167	43,615	10,928	10,898
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5,470	5,651	1,385	1,393
25920	Rawatan dan penyalutan logam; menggunakan mesin	4,010	6,105	1,379	1,564
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6,221	6,816	1,848	1,713
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	11,949	13,533	3,469	3,465
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya				
25999	Pembuatan barangan rumah daripada logam	294	320	81	81
	Pembuatan produk lain yang direka daripada logam t.t.t.l.	8,930	9,621	2,402	2,304
	Industri lain	1,293	1,569	364	377
261	Pembuatan komponen dan papan elektronik	354,760	366,336	89,828	89,022
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	200,443	209,293	50,810	50,653
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro				
26109	Pembuatan kapasitor dan perintang elektrik	139,308	134,111	33,996	33,235
	Pembuatan komponen paparan				
	Pembuatan komponen lain untuk aplikasi elektronik	15,010	22,932	5,021	5,134
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	51,617	64,509	15,321	19,073
263/ 26300	Pembuatan peralatan komunikasi	20,566	25,357	5,349	6,578
264/ 26400	Pembuatan peralatan elektronik pengguna	42,208	42,272	9,668	10,287
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	18,911	23,232	5,135	5,077
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	16,835	21,229	4,648	4,640
26520	Pembuatan kelengkapan kawalan proses perindustrian				
	Pembuatan jam tangan dan jam dan bahagiannya	2,076	2,003	487	437
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	5,382	5,746	1,598	1,321

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
12,206	12,519	14,060	18,025	18,581	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
612	681	730	861	956	Manufacture of non-refractory ceramic
250	231	212	305	282	Manufacture of other porcelain and ceramic products
2,932	3,061	3,469	4,592	4,576	Manufacture of hydraulic cement
2,263	2,250	2,578	3,322	3,393	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
4,505	4,666	5,355	6,666	7,073	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.
1,262	1,228	1,282	1,745	1,719	Manufacture of other non-metallic mineral products n.e.c.
382	401	435	534	582	Other industry
7,760	9,017	8,945	11,705	11,934	Manufacture of basic iron and steel
5,910	7,116	7,445	9,151	9,921	Manufacture of basic precious and other non-ferrous metals
180	184	184	258	252	Casting of metals
7,623	8,072	8,915	12,134	11,933	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
					Manufacture of metal doors, windows and their frames, shutters and gates
5,519	5,944	6,540	8,557	8,764	Manufacture of other structural metal products
1,944	1,969	2,214	3,329	2,955	Manufacture of tanks, reservoirs and containers of metal
160	159	161	249	215	Other industry
10,576	11,214	11,873	14,815	16,051	Manufacture of other fabricated metal products; metal working service activities
1,417	1,456	1,437	1,862	1,943	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1,493	1,670	1,926	1,906	2,606	Treatment and coating of metals; machining
1,562	1,692	1,765	2,478	2,373	Manufacture of tins and cans for food products, collapsible tubes and boxes
					Manufacture of metal cable, plaited bands and similar articles
3,231	3,368	3,696	4,688	4,973	Manufacture of bolts, screws, nuts and similar threaded products
77	81	81	108	109	Manufacture of metal household articles
2,388	2,527	2,557	3,279	3,489	Manufacture of any other fabricated metal products n.e.c.
408	420	410	494	558	Other industry
97,267	90,219	97,267	116,666	127,472	Manufacture of electronic components and boards
56,597	51,233	55,090	65,794	72,088	Manufacture of diodes, transistors and similar semiconductor devices
					Manufacture of electronic integrated circuits micro assemblies
					Manufacture of electrical capacitors and resistors
34,542	32,338	36,145	44,425	47,719	Manufacture of printed circuit boards
					Manufacture of display components
6,128	6,648	6,032	6,447	7,666	Manufacture of other components for electronic applications
15,864	14,252	16,994	22,369	24,430	Manufacture of computers and peripheral equipment
7,140	6,288	5,653	7,068	7,337	Manufacture of communication equipment
12,041	10,276	9,204	12,539	12,323	Manufacture of consumer electronics
6,228	6,791	6,123	6,589	7,848	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
5,712	6,229	5,564	5,963	7,108	Manufacture of measuring, testing, navigating and control equipment
					Manufacture of industrial process control equipment
517	562	559	626	740	Manufacture of watches and clocks and parts
1,337	1,491	1,619	2,040	2,084	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.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	4,634	4,383	4,673	4,335	3,982	3,963	4,105
23911 & 23921	Pembuatan mortar refraktori dan konkrit	229	213	219	200	198	190	193
23930	Pembuatan produk porselin dan seramik lain	79	76	72	79	80	82	88
23941	Pembuatan simen hidrolik	1,139	1,114	1,219	1,119	985	982	996
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	853	809	867	793	718	718	750
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	1,769	1,602	1,695	1,600	1,430	1,471	1,502
23959 & 23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.							
	Pembuatan produk mineral bukan logam lain t.t.t.l.	424	432	475	414	451	408	443
	Industri lain	141	139	126	129	121	112	133
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
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
243	Pengacuan logam	65	60	64	70	61	56	53
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
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	2,219	2,105	2,092	2,142	2,017	2,063	1,791
25120	Pembuatan produk struktur logam lain							
	Pembuatan tangki, takungan dan kontena daripada logam	825	791	862	851	738	827	673
	Industri lain	67	62	62	58	57	54	55
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
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	471	450	464	477	454	462	469
25920	Rawatan dan penyalutan logam; menggunakan mesin	428	416	534	527	478	558	472
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	641	573	633	631	556	527	505
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	1,142	1,119	1,208	1,219	1,132	1,115	1,071
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya							
25999	Pembuatan barangan rumah daripada logam	28	28	26	27	26	28	25
	Pembuatan produk lain yang direka daripada logam t.t.t.l.	862	706	834	877	709	718	803
	Industri lain	117	121	125	131	121	125	137
261	Pembuatan komponen dan papan elektronik	25,596	29,355	34,876	26,838	30,066	32,119	29,266
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	14,200	16,257	20,354	14,983	16,939	18,731	17,244
26103 & 26104	Pembuatan litar elektronik bersepadu dengan pemasangan mikro							
26105	Pembuatan kapasitor dan perintang elektrik	9,728	11,457	12,810	10,429	11,259	11,547	10,256
26109	Pembuatan komponen paparan							
	Pembuatan komponen lain untuk aplikasi elektronik	1,668	1,641	1,713	1,426	1,867	1,841	1,766
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	4,767	5,333	5,220	7,048	5,952	6,073	6,122
263/ 26300	Pembuatan peralatan komunikasi	1,691	1,717	1,940	1,719	2,415	2,444	2,220
264/ 26400	Pembuatan peralatan elektronik pengguna	3,075	3,155	3,439	2,871	3,588	3,827	3,945
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
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	1,559	1,456	1,632	1,315	1,608	1,716	1,680
26520	Pembuatan kelengkapan kawalan proses perindustrian							
	Pembuatan jam tangan dan jam dan bahagiannya	171	153	163	138	150	149	166
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	590	480	528	442	484	396	412

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
4,101	4,001	3,884	4,238	4,396	4,737	4,496	4,827	4,520	Manufacture of non-metallic mineral products n.e.c.
									Manufacture of refractory mortars and concretes
208	211	212	227	241	238	248	243	227	Manufacture of non-refractory ceramic
84	78	77	79	75	68	70	74	70	Manufacture of other porcelain and ceramic products
981	955	955	1,035	1,072	1,153	1,132	1,184	1,107	Manufacture of hydraulic cement
772	742	713	754	783	867	823	887	815	Manufacture of ready-mix and dry-mix concrete and mortars
									Manufacture of precast concrete, cement or artificial stone articles for use in construction
1,509	1,494	1,414	1,583	1,669	1,857	1,684	1,814	1,718	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.
423	395	385	426	418	419	400	463	436	Manufacture of other non-metallic mineral products n.e.c.
124	125	128	134	139	135	138	162	147	Other industry
2,519	3,049	3,090	3,043	2,885	2,824	2,951	3,170	2,989	Manufacture of basic iron and steel
1,933	2,323	2,272	2,409	2,435	2,352	2,465	2,627	2,477	Manufacture of basic precious and other non-ferrous metals
62	66	64	61	59	61	58	65	68	Casting of metals
2,568	2,536	2,503	2,624	2,945	3,031	2,915	2,969	3,018	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
1,847	1,881	1,823	1,913	2,208	2,236	2,134	2,170	2,223	Manufacture of metal doors, windows and their frames, shutters and gates
									Manufacture of other structural metal products
668	603	628	657	684	742	727	745	741	Manufacture of tanks, reservoirs and containers of metal
53	52	52	53	54	53	54	54	54	Other industry
3,566	3,529	3,641	3,632	3,941	3,979	3,805	4,088	4,179	Manufacture of other fabricated metal products; metal working service activities
487	461	487	481	488	484	466	488	506	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
498	523	541	542	587	619	627	680	680	Treatment and coating of metals; machining
526	531	552	531	609	600	553	613	608	Manufacture of tins and cans for food products, collapsible tubes and boxes
									Manufacture of metal cable, plaited bands and similar articles
1,113	1,047	1,077	1,097	1,194	1,244	1,203	1,249	1,277	Manufacture of bolts, screws, nuts and similar threaded products
26	26	26	27	27	27	27	27	28	Manufacture of metal household articles
778	807	821	808	898	877	796	884	932	Manufacture of any other fabricated metal products n.e.c.
138	134	137	146	138	129	133	148	148	Other industry
32,618	35,383	30,095	30,662	29,461	27,695	31,948	37,625	30,205	Manufacture of electronic components and boards
19,142	20,210	17,208	16,984	17,041	15,266	17,765	22,059	16,997	Manufacture of diodes, transistors and similar semiconductor devices
									Manufacture of electronic integrated circuits micro assemblies
									Manufacture of electrical capacitors and resistors
11,576	12,711	10,580	11,534	10,224	10,458	12,105	13,582	11,574	Manufacture of printed circuit boards
									Manufacture of display components
1,900	2,462	2,308	2,144	2,196	1,970	2,077	1,985	1,634	Manufacture of other components for electronic applications
6,031	3,711	4,938	4,349	4,965	5,438	5,799	5,757	7,435	Manufacture of computers and peripheral equipment
2,445	2,475	1,982	2,188	2,118	1,866	1,804	1,983	1,685	Manufacture of communication equipment
4,142	3,954	3,668	3,415	3,193	2,627	2,921	3,655	3,120	Manufacture of consumer electronics
2,103	2,279	2,259	2,283	2,249	2,145	1,901	2,077	1,724	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
1,925	2,107	2,080	2,088	2,061	1,938	1,716	1,910	1,544	Manufacture of measuring, testing, navigating and control equipment
									Manufacture of industrial process control equipment
179	172	179	195	188	207	185	167	180	Manufacture of watches and clocks and parts
476	449	473	514	504	565	543	512	465	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	2,794	3,197	832	697
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	19,166	19,641	4,384	4,634
27101	Pembuatan motor elektrik, penjana dan transformer	5,224	5,418	1,193	1,217
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	13,941	14,223	3,190	3,416
272/ 27200	Pembuatan bateri dan akumulator	6,421	7,174	1,515	1,714
273	Pembuatan pendawaian dan peranti pendawaian	9,713	9,542	2,271	2,349
27310	Pembuatan kabel gentian optikal	450	416	108	113
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	8,681	8,501	2,007	2,068
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	581	625	157	168
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1,789	2,156	469	451
275/ 27500	Pembuatan perkakasan domestik	11,454	11,678	2,911	2,937
279/ 27900	Pembuatan kelengkapan elektrik lain	9,320	8,069	2,009	1,951
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	44,872	46,555	11,018	11,905
28120 & 28130	Pembuatan alat-alat kuasa bendalir	2,670	2,559	610	586
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
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
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,173 13,996	7,261 14,680	1,670 3,478	1,902 3,579
291 (29101 & 29102)	Pembuatan kenderaan bermotor	49,965	51,272	14,386	11,911
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,423	7,567	1,566	1,655
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	42,867	45,153	11,137	10,842
301 (30110 & 30120)	Pembinaan kapal dan bot	5,777	5,975	1,473	1,489
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
30910	Pembuatan motosikal	2,722	3,000	787	747
30920	Pembuatan basikal dan <i>invalid carriages</i>	2,327	2,307	562	580
	Industri lain	5,220	5,083	1,331	1,238
310	Pembuatan perabot	17,130	18,569	5,326	4,159
31001	Pembuatan perabot kayu dan rotan	8,542	9,468	2,782	2,098
	Industri lain	8,588	9,101	2,544	2,062
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	5,573	6,665	1,473	1,786
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
32901	Pembuatan alat tulis	1,611	1,695	383	446
	Industri lain	5,345	4,653	1,201	1,284
323/ 32300	Pembuatan barangan sukan	244	234	67	66
324/ 32400	Pembuatan permainan dan mainan	542	624	124	174
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6,163	6,454	1,706	1,485
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	2,289	2,623	663	599
	Industri lain	3,874	3,831	1,044	886
Jumlah Pembuatan		1,804,035	1,886,549	457,326	464,219

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
762	907	887	1,071	1,161	Manufacture of optical instruments, photographic equipment, magnetic and optical media
5,461	5,162	4,455	5,919	6,035	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1,569	1,438	1,108	1,600	1,492	Manufacture of electric motors, generators and transformers
3,892	3,724	3,347	4,320	4,543	Manufacture of electricity distribution and control apparatus
2,143	1,802	2,054	2,051	2,781	Manufacture of batteries and accumulators
2,484	2,438	2,186	3,029	2,945	Manufacture of wiring and wiring devices
102	92	80	145	107	Manufacture of fibre optic cables
2,234	2,194	1,941	2,673	2,616	Manufacture of other electronic and electric wires and cables
148	152	165	211	222	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
622	614	550	614	727	Manufacture of electric lighting equipment
3,126	2,703	2,798	3,918	3,743	Manufacture of domestic appliances
2,091	2,019	1,979	2,614	2,577	Manufacture of other electrical equipment
10,866	12,766	11,908	15,074	16,286	Manufacture of general-purpose and special-purpose machinery
602	762	603	799	815	Manufacture of fluid power equipment
					Manufacture of other pumps, compressors, taps and valves
2,826	3,200	3,216	3,884	4,383	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
2,210	2,720	2,582	3,355	3,521	Manufacture of air-conditioning machines, including for motor vehicles
1,634	2,055	1,660	2,362	2,344	Manufacture of other special-purpose machinery n.e.c.
3,594	4,030	3,848	4,673	5,223	Other industry
11,883	13,093	10,700	18,456	14,238	Manufacture of motor vehicles
1,883	2,463	2,036	2,086	2,686	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
11,905	11,268	10,116	14,739	13,611	Manufacture of parts and accessories for motor vehicles
1,223	1,791	1,779	2,089	2,416	Building of ships and boats
2,476	2,669	2,417	3,549	3,245	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
718	749	798	1,034	1,070	Manufacture of motorcycles
542	623	543	750	731	Manufacture of bicycles and invalid carriages
1,217	1,297	1,076	1,765	1,444	Other industry
3,926	5,157	5,539	6,849	7,125	Manufacture of furniture
2,006	2,583	2,945	3,565	3,776	Manufacture of wooden and cane furniture
1,920	2,575	2,594	3,284	3,350	Other industry
1,718	1,689	1,667	2,054	2,270	Manufacture of jewellery, bijouterie and related articles
1,554	1,479	1,562	2,163	2,176	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
454	412	418	530	572	Manufacture of stationery
1,100	1,068	1,144	1,632	1,604	Other industry
49	52	63	93	88	Manufacture of sports goods
176	151	142	176	195	Manufacture of games and toys
1,492	1,770	1,812	2,316	2,475	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
611	750	772	926	1,079	Repair and maintenance of transport equipment except motorcycles and bicycles
881	1,020	1,040	1,391	1,396	Other industry
483,215	481,788	475,568	610,553	636,174	

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.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	281	263	287	239	239	218	246
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
	27101 Pembuatan motor elektrik, penjana dan transformer	431	379	384	406	409	402	464
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	1,114	1,012	1,064	1,129	1,165	1,122	1,252
272/ 27200	Pembuatan bateri dan akumulator	544	483	488	536	591	587	681
273	Pembuatan pendawaian dan peranti pendawaian	829	728	715	757	836	755	816
	27310 Pembuatan kabel gentian optikal	38	36	34	36	39	37	32
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	736	641	629	667	737	663	736
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	54	51	51	54	60	55	48
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	167	154	148	146	161	144	183
275/ 27500	Pembuatan perkakasan domestik	953	948	1,010	1,007	939	991	1,001
279/ 27900	Pembuatan kelengkapan elektrik lain	735	619	655	605	663	682	674
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	3,813	3,584	3,621	4,056	3,960	3,889	3,509
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	230	210	169	189	193	203	181
	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
	28220 Pembuatan jentera pembentukan logam dan alatan mesin							
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	845	796	794	920	931	852	668
	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
291 (29101 & 29102)	Pembuatan kenderaan bermotor	5,504	4,540	4,342	4,070	4,531	3,309	4,167
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	523	458	586	520	544	591	648
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	3,851	3,720	3,566	3,602	4,082	3,158	4,129
301 (30110 & 30120)	Pembinaan kapal dan bot	446	458	569	616	459	415	391
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
	30910 Pembuatan motosikal	290	249	248	247	253	247	256
	30920 Pembuatan basikal dan <i>invalid carriages</i>	201	166	195	188	193	199	175
	Industri lain	437	415	479	434	398	406	388
310	Pembuatan perabot	1,794	1,652	1,880	1,523	1,528	1,107	1,168
	31001 Pembuatan perabot kayu dan rotan	896	868	1,019	783	767	547	590
	Industri lain	898	784	862	740	762	560	578
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	531	457	485	581	599	606	552
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
	32901 Pembuatan alat tulis	129	121	133	147	149	150	156
	Industri lain	402	412	387	431	474	379	360
323/ 32300	Pembuatan barangan sukan	23	21	23	26	22	17	17
324/ 32400	Pembuatan permainan dan mainan	38	38	48	52	65	57	59
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	548	527	632	610	432	444	426
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	203	200	260	263	168	169	162
	Industri lain	345	327	372	347	264	275	264
		152,704	146,191	158,431	153,227	154,897	156,094	157,060

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
258	257	308	304	295	301	284	302	273	Manufacture of optical instruments, photographic equipment, magnetic and optical media
1,840	1,906	1,859	1,681	1,623	1,547	1,423	1,484	1,580	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
542	564	548	454	437	388	359	361	384	Manufacture of electric motors, generators and transformers
1,298	1,342	1,311	1,227	1,186	1,159	1,065	1,123	1,196	Manufacture of electricity distribution and control apparatus
692	770	629	605	568	728	670	657	727	Manufacture of batteries and accumulators
822	846	850	813	775	781	703	702	758	Manufacture of wiring and wiring devices
40	30	30	30	32	29	26	25	27	Manufacture of fibre optic cables
731	767	769	731	693	695	623	623	675	Manufacture of other electronic and electric wires and cables
51	49	51	52	50	57	53	55	57	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
222	218	215	197	202	184	187	179	178	Manufacture of electric lighting equipment
1,111	1,014	927	895	881	926	935	936	945	Manufacture of domestic appliances
709	708	684	632	703	727	605	646	598	Manufacture of other electrical equipment
3,667	3,689	3,885	4,398	4,483	4,157	3,965	3,786	4,378	Manufacture of general-purpose and special-purpose machinery
203	218	216	270	276	221	189	193	212	Manufacture of fluid power equipment
957	918	956	1,103	1,142	1,070	1,131	1,014	1,168	Manufacture of other pumps, compressors, taps and valves
790	753	833	922	965	922	858	803	938	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
496	599	610	714	731	636	509	514	684	Manufacture of metal-forming machinery and machine tools
1,222	1,201	1,270	1,391	1,369	1,308	1,278	1,261	1,376	Manufacture of air-conditioning machines, including for motor vehicles
4,314	3,402	4,385	4,351	4,357	3,813	3,534	3,352	3,538	Manufacture of other special-purpose machinery n.e.c.
598	636	799	872	792	848	551	637	649	Other industry
4,102	3,674	3,640	3,903	3,725	3,478	3,391	3,246	3,495	Manufacture of motor vehicles
381	451	569	618	603	598	561	620	637	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
821	838	896	919	854	793	749	876	828	Manufacture of parts and accessories for motor vehicles
241	220	233	266	250	248	240	310	273	Building of ships and boats
187	180	202	217	203	197	169	177	187	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
392	437	461	435	401	348	339	389	368	Manufacture of motorcycles
1,267	1,490	1,644	1,740	1,774	1,818	1,750	1,971	1,586	Manufacture of bicycles and invalid carriages
681	735	798	879	905	942	930	1,073	830	Other industry
587	755	845	860	869	876	820	898	756	Manufacture of furniture
552	615	546	576	567	621	535	511	603	Manufacture of wooden and cane furniture
506	532	479	500	500	505	507	550	614	Other industry
155	143	142	130	139	139	134	145	155	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
350	389	338	370	360	366	373	405	460	Manufacture of stationery
17	16	15	18	19	21	21	22	24	Other industry
60	58	55	50	46	47	45	49	54	Manufacture of sports goods
473	593	584	610	576	574	557	681	663	Manufacture of games and toys
191	258	240	264	246	239	231	302	307	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
282	335	344	346	330	335	326	379	356	Repair and maintenance of transport equipment except motorcycles and bicycles
163,893	162,262	161,428	161,971	158,389	158,095	153,133	164,340	160,606	Other industry
Total Manufacturing									

Jadual **1.4b** : 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	2023	2024	2024				2025		
				Q1	Q2	Q3	Q4	Q1	2024 (Jan. - Apr.)	2025 (Jan. - Apr.)
101	Pemprosesan dan pengawetan daging	5.7	-67.7	5.8	3.5	6.5	11.5	-3.5	5.0	-6.6
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	-0.9	3.2	0.8	-3.9	-3.4	5.4	3.9	5.3
	10201 Pengetinan ikan, krustasea dan moluska	5.2	-1.7	2.6	-0.02	-5.0	-3.9	4.6	3.4	4.2
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	19.5	10.3	12.5	12.6	13.3	3.6	15.3	10.8	19.6
	Industri lain									
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	31.0	10.9	23.7	10.7	6.3	5.0	1.7	21.7	1.2
	10303 Pengetinan nanas	58.2	12.9	35.8	8.3	6.4	6.7	-13.0	32.8	-13.1
	10304 Pembuatan jem, marmalad dan sajian jeli	24.3	10.2	20.3	11.4	6.2	4.5	6.3	18.6	5.6
	Industri lain									
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-11.2	10.6	-0.2	9.4	16.4	15.2	14.3	1.9	13.9
	10404 Pembuatan minyak sayuran mentah dan bertapis	0.8	1.8	1.8	-9.9	3.4	12.0	17.8	-2.4	22.5
	10406 Pembuatan sebatian lemak masakan	-19.9	34.3	17.3	36.8	43.3	39.9	24.3	20.2	23.5
	10405 Pembuatan minyak kelapa	-12.6	11.6	-0.7	12.1	18.0	15.4	13.6	2.4	12.6
	Industri lain									
105	Pembuatan produk tenusu	-0.1	-1.8	-6.6	-8.4	1.7	6.7	8.7	-7.0	8.5
	10502 Pembuatan susu pekat, tepung dan sejat	-0.4	-4.3	-8.7	-11.4	-1.1	4.8	7.1	-9.2	6.8
	Industri lain	4.0	31.9	26.9	36.8	34.9	28.8	25.8	27.7	28.2
106	Pembuatan produk bijian, kanji dan produk berkanji	5.1	11.0	6.1	10.7	13.8	13.4	11.6	6.7	12.2
	10611 Pengilangan beras	3.2	11.8	3.2	10.0	17.9	16.3	13.4	4.2	13.1
	10613 Pengilangan tepung	7.6	10.6	9.1	11.1	10.5	11.6	10.9	9.0	12.4
	Industri lain	-3.7	6.4	6.7	17.1	3.9	-1.5	-4.8	9.8	-4.9
107	Pembuatan produk makanan lain	8.3	12.3	11.0	12.0	12.3	13.6	15.8	11.9	16.0
	10711 Pembuatan biskut dan cookies	23.0	15.2	28.2	18.4	13.0	5.4	4.3	28.5	3.8
	10712 Pembuatan roti, kek dan produk bakeri lain	10.7	8.0	0.8	0.6	10.2	21.2	25.9	2.7	25.7
	10713 Pembuatan produk snek	16.9	27.0	41.5	37.0	22.2	12.3	0.0	40.8	-1.5
	10721 Pembuatan gula	17.6	14.8	27.9	17.4	10.5	7.1	10.3	28.6	10.5
	10731 Pembuatan produk koko	6.2	53.8	22.8	54.9	60.0	76.4	50.5	26.4	49.0
	10732 Pembuatan coklat dan produk coklat									
	10733 Pembuatan konfeksi gula	-2.2	6.8	2.9	7.9	8.0	8.4	13.3	4.26	14.5
	10793 Pembuatan sos dan bahan perasa	7.5	13.4	17.0	22.8	7.6	7.5	4.0	16.3	4.2
	10799 Pembuatan produk makanan lain t.t.t.l.	5.3	3.3	4.3	1.7	5.3	1.9	15.6	3.8	16.6
	Industri lain	11.0	8.7	11.9	9.9	7.3	6.1	8.4	11.8	8.6
108/ 10800	Pembuatan makanan haiwan tersedia	17.4	-0.7	8.2	-1.0	-5.7	-2.9	1.0	6.2	1.3
110	Pembuatan minuman ringan	2.7	9.0	6.1	8.2	9.4	12.0	9.8	6.3	8.7
	11041 Pembuatan minuman ringan	6.2	13.6	11.2	12.7	14.1	15.9	12.9	11.4	11.6
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	3.7	3.5	2.0	0.1	0.2	11.9	21.3	1.2	20.8
	Industri lain	-2.8	3.4	-0.1	3.8	4.4	5.5	1.7	0.3	0.6
120/ 12000	Pembuatan produk tembakau	17.6	8.4	9.3	11.8	9.6	2.8	0.5	9.7	0.1
131	Pemintalan, penenunan dan penyiapan tekstil	-12.3	2.8	-0.1	6.8	2.9	1.4	-3.3	1.1	-3.0
	13110 Penyediaan dan pemintalan gentian tekstil	-11.9	-0.3	-6.2	1.2	1.1	3.2	-2.4	-4.4	-2.4
	13120 Penenunan tekstil									
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-13.1	12.6	21.9	26.6	8.3	-3.2	-5.6	21.0	-4.9
	Industri lain	-30.1	-13.3	-15.2	-24.4	-15.9	5.2	3.0	-17.6	11.4
139	Pembuatan tekstil lain	10.8	12.1	15.7	14.2	12.4	6.5	-5.6	15.0	-4.7
	13910 Pembuatan fabrik dikait dan dikrusye	-1.8	5.9	5.6	5.9	10.3	1.8	-1.4	5.6	-0.5
	Industri lain	21.2	16.2	22.8	20.1	13.7	9.4	-8.1	21.6	-7.2
141	Pembuatan pakaian, kecuali pakaian berbulu	5.0	2.6	4.0	2.2	5.4	-0.9	2.6	4.1	2.6
	14102 Pembuatan pakaian	5.7	0.4	4.3	-0.5	2.0	-3.9	2.0	4.1	2.0
	Industri lain	-0.2	19.2	2.3	23.1	33.3	22.1	6.9	4.2	6.8
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	18.8	11.8	21.4	15.1	14.4	-1.9	-4.3	21.8	-5.0
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	7.5	9.7	6.5	2.7	12.9	15.2	13.6	5.9	13.1
152	Pembuatan kasut	12.6	-4.1	7.1	-0.02	-8.8	-13.4	-9.7	4.8	-6.0
	15201 Pembuatan kasut kulit	16.1	0.1	12.9	2.5	-4.4	-8.8	-5.1	9.4	-0.9
	15203 Pembuatan kasut getah	6.5	-12.1	-3.4	-4.6	-17.4	-23.2	-19.2	-3.5	-16.4
	Industri lain									
161/ 16100	Pengilangan dan pengetaman kayu	-2.7	-7.6	-8.5	-5.2	-8.0	-8.4	-5.3	-7.1	-4.5

2024					2025												Group Description/Period			
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					
7.6	4.9	5.0	2.7	5.0	2.9	6.3	5.3	8.0	10.9	13.2	10.1	11.8	-10.9	-11.0	-15.7	Processing and preserving of meat				
3.7	3.6	2.2	6.1	-3.3	0.1	-5.1	-3.7	-2.8	-5.1	-4.4	-0.5	-1.9	9.9	8.9	4.9	Processing and preserving of fish, crustaceans and molluscs Canning of fish, crustaceans and molluscs				
2.8	3.0	1.9	6.1	-4.3	-1.3	-6.6	-5.2	-3.1	-5.8	-5.0	-0.7	-2.4	9.3	7.7	2.9	Processing, curing and preserving of fish, crustacean and molluscs				
18.4	12.4	6.8	5.7	11.3	20.8	19.6	21.0	1.0	5.1	3.2	2.7	4.3	16.6	25.8	33.5	Other industry				
38.0	24.3	11.3	16.1	11.9	4.6	9.0	8.6	1.4	8.0	2.2	5.0	-1.3	6.3	0.4	-0.4	Processing and preserving of fruits and vegetable				
																Pineapple canning				
52.3	35.3	23.1	24.4	8.9	-4.3	6.8	6.7	5.9	7.4	6.7	6.1	-9.2	-9.5	-19.9	-13.6	Manufacture of jams, marmalades and table jellies				
34.1	21.2	7.9	13.7	12.9	7.8	9.7	9.2	0.02	8.2	0.7	4.7	1.1	11.2	7.0	3.6	Other industry				
12.7	-8.9	-5.5	8.3	9.0	10.9	23.5	23.3	4.6	13.7	15.0	17.0	11.1	18.1	14.7	12.7	Manufacture of vegetable and animal oils and fats Manufacture of crude and refined vegetable oil				
16.1	-5.0	-4.8	-14.6	-14.9	0.2	2.7	3.5	4.0	7.6	13.8	14.7	15.3	14.7	23.9	38.8	Manufacture of compound cooking fats				
0.8	23.4	31.8	31.4	25.3	55.5	60.0	35.5	36.0	27.8	64.0	31.6	29.2	22.1	21.9	20.5	Manufacture of coconut oil				
12.3	-9.8	-5.9	11.7	12.7	12.1	26.3	26.1	4.5	14.4	14.8	17.1	10.4	18.6	13.1	9.6	Other industry				
-4.9	-6.9	-7.8	-8.4	-8.5	-8.4	-0.1	2.6	2.5	0.6	8.1	11.7	10.8	8.0	7.3	8.1	Manufacture of dairy products				
-6.9	-9.2	-9.9	-10.7	-11.9	-11.7	-3.2	0.1	-0.3	-1.5	6.3	10.1	10.0	6.1	5.4	5.7	Manufacture of condensed, powdered and evaporated milk				
22.6	31.0	27.7	30.1	42.1	37.6	37.2	34.0	33.8	25.2	29.6	31.7	19.2	28.8	30.0	35.2	Other industry				
12.5	-1.5	7.7	8.3	9.1	15.1	13.6	14.5	13.4	15.1	12.7	12.4	6.2	15.3	13.5	13.8	Manufacture of grain mill products, starches and starch products				
12.5	-9.7	8.1	7.1	6.6	17.2	17.4	18.4	17.8	18.2	15.3	15.4	9.1	19.7	12.1	12.2	Rice milling				
13.1	7.1	7.0	8.8	11.4	13.0	10.3	11.0	10.2	13.5	11.2	10.3	4.3	12.6	16.1	16.8	Flour milling				
3.5	3.6	13.4	19.6	15.2	16.6	8.2	9.1	-4.6	-4.3	-1.6	1.5	-4.4	-4.0	-5.8	-5.2	Other industry				
13.3	8.1	11.5	14.8	11.4	10.1	12.1	12.3	12.5	14.4	12.1	14.4	14.7	18.0	15.0	16.5	Manufacture of other food products				
39.0	16.9	29.4	29.5	13.3	13.8	14.1	11.6	13.4	13.0	0.5	3.3	2.8	8.2	2.2	2.5	Manufacture of biscuits and cookies				
2.3	0.8	-0.7	8.5	-2.3	-3.6	3.4	7.6	20.3	18.9	19.8	25.1	24.0	30.1	23.9	24.9	Manufacture of bread, cakes and other bakery products				
55.9	33.1	36.7	38.8	38.5	33.9	36.2	19.1	13.0	19.1	7.5	10.6	-3.3	11.6	-6.7	-5.9	Manufacture of snack products				
28.2	25.8	29.8	30.5	21.8	3.2	12.3	10.9	8.7	9.8	5.9	5.4	9.5	10.8	10.6	10.9	Manufacture of sugar				
25.4	14.4	29.8	38.0	59.2	67.1	50.1	70.7	59.3	75.9	74.2	79.2	49.2	51.8	50.5	44.5	Manufacture of cocoa products Manufacture of chocolate and chocolate products				
-1.1	1.0	8.7	8.4	7.4	7.8	9.2	9.2	5.5	8.4	6.5	10.3	17.5	13.0	9.8	18.0	Manufacture of sugar confectionery				
27.8	12.7	11.5	14.5	33.1	22.2	11.6	5.8	5.9	7.2	10.5	5.0	0.3	2.3	9.4	4.7	Manufacture of sauces and condiments				
10.7	2.9	-0.2	2.3	-1.3	4.4	4.4	5.6	5.7	1.9	2.3	1.6	12.3	15.0	19.6	19.8	Manufacture of other food products n.e.c.				
16.4	8.6	10.8	11.6	8.2	9.9	10.8	7.3	4.0	6.2	5.7	6.4	3.7	10.3	11.1	9.5	Other industry				
9.9	6.2	8.4	1.0	0.7	-4.6	-3.9	-4.1	-9.1	-9.1	-1.7	3.1	2.7	0.2	0.1	2.3	Manufacture of prepared animal feeds				
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	Manufacture of beverages				
16.9	6.6	10.3	12.2	11.7	14.3	9.0	14.9	18.9	15.9	17.2	14.7	6.3	19.8	12.8	8.1	Manufacture of soft drinks Production of natural mineral waters and other bottled waters				
8.2	1.2	-2.5	-1.0	-1.6	3.0	4.8	-0.9	-3.1	5.4	11.5	19.8	19.6	25.4	19.0	19.3					
-7.7	2.6	5.3	1.3	0.7	10.6	11.9	5.2	-2.4	-6.4	7.0	18.2	10.6	-10.0	4.4	-2.7	Other industry				
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	Manufacture of tobacco products				
1.7	2.4	-4.2	4.5	9.9	5.9	7.5	5.8	-5.4	0.6	0.9	2.6	-0.1	-1.2	-8.7	-2.1	Spinning, weaving and finishing of textiles Preparation and spinning of textile fibres				
-5.4	-5.5	-7.5	0.9	-0.5	3.4	4.7	3.2	-5.3	4.7	2.5	2.4	2.7	1.1	-11.2	-2.3	Weaving of textiles				
28.6	30.4	7.7	18.0	48.9	14.1	16.9	14.1	-5.4	-9.2	-3.1	3.0	-7.8	-7.0	-1.6	-2.4	Dyeing, bleaching, printing and finishing of yarns and fabrics				
-27.4	7.1	-21.6	-25.8	-28.0	-18.7	-13.0	-17.0	-17.8	3.6	-1.1	14.4	2.8	-5.2	14.5	44.8	Other industry				
16.6	14.5	16.0	12.9	14.9	14.9	15.3	13.7	8.3	5.0	6.2	8.5	-5.2	-5.4	-6.1	-1.9	Manufacture of other textiles				
6.1	4.9	5.8	5.7	5.8	6.2	12.1	15.0	3.6	-1.8	3.0	4.1	-1.8	-1.4	-0.9	2.3	Manufacture of knitted and crocheted fabrics				
23.9	21.2	23.2	18.0	21.3	20.9	17.3	12.8	11.2	9.1	8.1	11.0	-7.3	-7.8	-9.2	-4.5	Other industry				
6.3	-2.5	8.3	4.5	2.5	-0.7	8.8	4.3	3.0	2.5	-4.0	-1.1	1.2	3.5	3.2	2.6	Manufacture of wearing apparel, except fur apparel				
6.3	-3.3	9.9	3.6	-1.0	-4.2	4.8	0.5	0.6	1.0	-7.4	-5.0	-0.7	3.6	3.3	2.1	Manufacture of clothings				
5.7	3.1	-1.4	11.2	31.5	26.9	42.6	37.1	21.5	14.6	22.0	29.7	14.6	3.5	3.1	6.5	Other industry				
23.4	18.9	22.2	22.9	16.3	6.2	20.1	24.7	1.3	-0.7	-2.0	-3.1	-2.5	-2.5	-7.7	-7.3	Manufacture of articles of fur, knitted and crocheted apparel				
6.5	6.6	6.5	3.6	1.2	3.4	7.8	15.1	15.0	14.2	13.2	18.4	17.7	12.5	10.6	11.2	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur				
11.2	7.6	2.4	-1.9	-0.9	2.9	-4.6	-10.7	-10.7	-16.4	-12.2	-11.7	-16.1	-5.0	-7.1	5.6	Manufacture of footwear Manufacture of leather footwear				
14.5	12.4	11.8	-0.8	1.6	7.1	-0.8	-4.8	-7.4	-12.3	-6.6	-7.6	-11.1	2.3	-5.6	13.1	Manufacture of rubber footwear				
4.7	-0.7	-13.6	-3.9	-5.1	-4.9	-11.9	-22.4	-17.6	-24.9	-24.2	-20.5	-26.8	-19.3	-10.3	-8.2	Other industry				
-2.0	-15.4	-8.1	-2.4	-7.7	-6.5	-6.7	-8.4	-8.5	-9.9	-9.0	-6.0	-10.6	0.4	-5.0	-1.8	Sawmilling and planning of wood				

Jadual **1.4b** : 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	2023	2024	2024				2025		2024	2025
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
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		2.2	0.8
16211	Pembuatan kepingan venier dan papan lapis	1.2	5.4	2.7	6.8	7.3	5.8	6.0		3.4	6.2
16212	Pembuatan papan partikel dan papan gentian	-13.1	6.0	1.0	4.7	13.1	7.0	-4.2		1.6	-4.4
16221	Pertukangan kayu untuk jurubina	-5.6	4.3	-0.1	7.5	11.0	1.8	0.7		1.5	0.03
	Industri lain	-15.5	-0.9	-3.7	10.1	4.0	-11.0	-15.2		-1.5	-12.1
170	Pembuatan kertas dan produk kertas	5.7	0.9	2.0	1.5	1.1	-1.0	-1.4		1.8	-1.3
17010	Pembuatan pulpa, kertas dan kertas tebal	-3.8	4.6	1.5	9.9	7.6	-0.1	2.2		2.3	2.6
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		-8.0	-2.9
17091	Pembuatan sampul surat dan kad surat	0.3	-2.1	-14.6	-3.8	-0.03	12.1	8.3		-11.4	7.0
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	13.2	-6.5	1.1	-5.5	-12.6	-9.2	-6.3		0.6	-6.6
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		13.5	-3.2
	Industri lain	41.1	24.5	31.7	25.7	25.8	16.4	10.0		29.3	9.7
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		4.5	6.7
18110	Percetakan	3.6	12.5	9.9	13.9	15.0	11.6	11.5		10.8	11.5
18120 &	Aktiviti perkhidmatan berkaitan percetakan	15.1	-14.0	-16.6	-15.2	-12.6	-11.2	-13.3		-15.7	-13.5
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.1	-7.2	-12.9	-7.2	-3.9	-4.8	-6.0		-11.0	-6.7
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		-4.8	6.8
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		-6.6	49.0
20112 &	Pembuatan kimia organik asas	-11.6	3.2	-9.8	9.3	8.1	8.1	10.7		-4.6	8.8
20113	Pembuatan sebatian bukan organik										
20121 &	Pembuatan baja	-18.4	-26.7	-35.8	-24.9	-23.8	-19.2	6.9		-33.8	6.5
20129	Pembuatan produk campuran nitrogen	2.1	-2.0	2.6	-1.3	-0.6	-8.8	-6.3		2.5	-6.7
20131	Pembuatan plastik dalam bentuk primer	-8.2	4.3	-6.9	4.3	9.2	12.0	29.3		-4.6	35.8
	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		14.0	-4.4
20210	Pembuatan racun perosak dan produk agrokimia lain	23.6	-8.4	4.1	-2.6	-14.3	-19.9	-19.7		2.7	-19.8
20221	Pembuatan cat, varnis dan penyadur dan mastik	34.7	15.4	38.0	18.2	7.8	1.1	-11.0		36.8	-11.7
20222	Pembuatan dakwat cetak	-3.6	7.5	7.2	5.6	9.5	7.7	-7.3		9.8	-7.3
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	10.6	0.7	5.6	2.1	3.0	-7.9	-6.9		6.0	-6.2
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	9.7	12.9	1.1	17.3	18.0	16.0	21.5		4.6	21.9
20299	Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	4.9	-6.6	-12.4	-7.8	10.9	-14.0	-0.5		-15.1	6.8
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	5.2	5.6	5.4	6.8	6.3	4.1	5.9		5.9	6.3
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		5.5	5.0
	Industri lain	8.5	14.0	8.4	7.0	17.0	23.0	8.4		7.9	12.4
221	Pembuatan produk getah	-9.1	7.7	4.4	5.6	10.5	10.7	8.2		5.0	7.2
22111	Pembuatan tayar getah untuk kenderaan	-38.1	-13.2	-31.4	-12.9	-8.1	5.6	3.9		-28.3	3.6
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		4.8	12.9
22191 &	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		8.8	-3.3
22193	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		5.9	9.8
22199	Pembuatan produk getah lain yang t.t.t.l.	-9.5	7.6	10.8	11.7	8.5	-0.1	-2.2		10.4	-2.1
222	Pembuatan produk plastik	-0.6	5.4	5.4	6.1	5.2	5.0	1.7		6.2	1.7
22201 &	Pembuatan produk plastik separa siap	-5.3	-1.0	-2.6	-2.3	-2.3	3.5	1.7		-1.8	0.7
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		8.5	1.0
22204	Pembuatan barangan plastik jurubina	41.2	10.7	23.4	6.9	6.5	9.0	8.3		18.5	10.3
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		-2.6	0.4
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.6	10.0	13.4	16.0	6.9	5.0	1.8		14.6	2.5
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-3.3	2.8	4.6	3.7	6.2	-3.3	-3.1		4.7	-0.9

2024												2025					Group Description/Period				
Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.						
0.7	-1.5	4.6	5.7	5.3	9.4	15.6	7.1	6.7	3.8	3.6	5.1	2.1	0.8	-0.8	1.5	Manufacture of products of wood, cork, straw and plaiting materials					
1.0	1.4	5.8	6.1	6.3	8.3	11.8	6.4	5.5	4.8	4.7	8.1	8.8	5.4	3.9	6.9	Manufacture of veneer sheets and plywood					
5.0	-5.7	3.4	4.0	2.3	8.6	19.6	10.8	11.1	8.9	8.5	3.6	-3.6	-3.7	-5.2	-5.3	Manufacture of particle board and fibreboard					
-9.0	2.2	7.5	7.7	6.7	7.9	12.8	10.5	10.1	-1.0	-0.9	7.7	4.8	-1.4	-1.1	-2.6	Manufacture of builders' carpentry					
-0.5	-9.1	-1.6	6.4	8.1	17.4	24.9	-3.4	-3.9	-11.5	-11.8	-9.7	-20.9	-10.1	-14.0	-2.4	Other industry					
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	Manufacture of paper and paper products					
1.8	1.2	1.6	4.6	5.2	21.2	24.5	4.3	-3.5	-6.9	4.2	2.4	1.4	1.9	3.3	4.0	Manufacture of pulp, paper and paperboard					
-0.6	-13.2	-11.5	-6.4	-7.4	1.9	8.7	3.2	-6.9	-9.2	-3.1	-4.7	-8.6	3.3	-4.0	-1.4	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard					
-18.1	-9.2	-15.7	-1.7	-2.0	-7.8	-10.3	4.6	5.6	9.3	16.2	10.9	9.8	6.9	7.9	3.7	Manufacture of envelopes and letter-card					
2.9	1.5	-0.9	-0.7	-3.0	-13.5	-11.2	-15.8	-10.6	-9.2	-9.3	-9.0	-3.3	-7.6	-7.8	-7.4	Manufacture of household and personal hygiene paper					
24.8	25.6	2.2	5.5	5.7	-8.3	-10.0	0.2	0.6	3.9	11.6	12.7	-1.4	-12.8	4.5	-2.4	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper					
40.9	27.3	27.7	22.4	24.9	29.7	35.9	23.3	18.6	19.7	13.2	16.5	13.7	11.0	5.4	8.8	Other industry					
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	Printing, service activities related to printing and reproduction of recorded media					
11.7	9.0	9.1	13.3	12.3	16.1	19.5	12.8	12.8	13.6	10.3	11.2	11.9	12.1	10.4	11.4	Printing					
-16.4	-17.4	-15.9	-12.5	-15.8	-17.4	-9.3	-12.1	-16.5	-19.5	-4.9	-9.8	-14.4	-12.4	-13.0	-14.4	Service activities related to printing					
																Reproduction of recorded media					
-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	Manufacture of refined petroleum products					
-5.0	-9.1	-10.0	6.6	1.5	1.9	7.1	3.3	1.8	-2.2	0.4	6.8	10.7	4.1	7.2	5.1	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms					
-27.3	-19.5	5.1	28.2	25.6	44.8	47.0	44.4	57.3	32.9	33.2	56.0	46.8	52.0	54.0	43.5	Manufacture of liquefied or compressed inorganic industrial or medical gases					
																Manufacture of basic organic chemicals					
-7.5	-9.9	-12.0	14.0	11.8	1.8	11.6	6.2	6.9	3.8	6.4	13.5	21.1	1.4	9.5	3.3	Manufacture of inorganic compounds					
																Manufacture of fertilizers					
-40.2	-40.1	-27.1	-27.3	-33.6	-10.5	-15.8	-27.5	-27.6	-26.9	-18.5	-11.1	3.3	15.0	3.6	5.0	Manufacture of associated nitrogen products					
10.6	1.4	-3.6	2.3	-6.7	0.9	0.5	2.5	-5.1	-9.9	-10.7	-5.7	-6.5	-4.0	-8.1	-8.2	Manufacture of plastics in primary forms					
-0.7	-9.6	-10.6	3.1	4.4	5.3	14.6	3.3	10.3	6.9	14.8	14.6	9.6	34.9	45.6	55.1	Other industry					
22.9	9.0	8.9	15.4	7.5	5.6	7.0	5.3	3.9	0.8	0.4	-5.6	-11.8	3.1	-4.0	-3.6	Manufacture of other chemical products and man-made fibres					
3.2	12.3	-2.5	-1.6	2.8	-8.2	-10.8	-17.4	-14.5	-20.8	-22.5	-16.0	-20.0	-18.9	-20.2	-20.1	Manufacture of pesticides and other agrochemical products					
54.3	30.6	30.5	33.0	14.7	9.0	13.0	5.7	5.1	5.5	9.7	-11.2	-18.2	0.2	-13.4	-13.9	Manufacture of paints, varnishes and similar coatings ink and mastics					
9.1	1.5	10.9	18.2	5.8	-6.6	10.8	9.4	8.2	19.3	2.6	2.9	-13.4	-4.1	-4.0	-7.1	Manufacture of printing ink					
23.7	-1.0	-4.8	7.1	-1.9	1.8	2.2	5.7	0.9	-4.1	-8.0	-11.3	-15.5	-0.7	-2.4	-4.0	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					
-2.1	-2.7	8.9	16.6	17.0	18.2	18.6	17.7	17.6	13.3	14.6	20.2	12.6	31.7	21.7	22.9	Manufacture of writing and drawing ink					
																Manufacture of other chemical products n.e.c.					
-8.2	-10.5	-18.2	-24.5	-3.7	8.9	-1.2	27.6	10.5	-4.8	-19.3	-16.6	-1.3	-1.9	1.8	36.0	Other industry					
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	Manufacture of pharmaceuticals, medicinal chemical and botanical products					
1.5	5.9	6.8	7.7	2.4	9.6	9.0	0.4	2.3	-2.1	0.9	1.0	3.6	7.1	5.2	4.0	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments					
11.8	9.4	4.2	6.2	6.1	8.4	7.6	27.3	16.1	18.1	22.3	29.3	2.7	7.8	14.7	26.2	Other industry					
7.2	5.1	1.7	6.5	5.2	5.0	10.1	11.6	9.8	12.3	9.1	10.7	8.9	8.4	7.5	4.5	Manufacture of rubber products					
-30.5	-30.9	-32.7	-18.1	-9.9	-10.9	-11.4	-6.2	-6.3	0.5	10.1	7.1	7.1	2.6	1.9	2.9	Manufacture of rubber tyres for vehicles					
23.3	-4.9	-1.1	5.0	5.9	7.8	19.9	16.0	3.7	3.8	5.0	8.8	9.4	19.7	9.7	13.3	Manufacture of interchangeable tyre treads and retreading rubber tyres					
8.4	6.3	6.2	14.2	12.5	9.2	20.6	22.6	17.5	6.5	9.2	10.9	-4.3	-4.8	-1.8	-2.5	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened					
																Rubber remilling and latex processing					
8.2	7.4	2.6	6.6	4.4	4.3	10.1	11.4	10.1	15.5	10.6	13.0	12.8	12.0	10.0	5.9	Manufacture of rubber gloves					
16.6	9.0	6.8	9.5	11.7	13.9	7.8	9.6	8.1	2.2	-0.6	-1.8	-1.8	-1.9	-2.8	-1.8	Manufacture of other rubber products n.e.c.					
8.8	4.7	3.0	8.3	5.2	4.8	6.0	5.1	4.6	6.3	6.5	2.2	2.0	1.8	1.4	1.5	Manufacture of plastics products					
2.0	-6.4	-3.2	0.3	-3.0	-3.9	-1.4	-1.3	-4.3	1.6	7.3	1.8	2.5	2.9	-0.02	-2.0	Manufacture of semi-manufactures of plastic products					
																Manufacture of finished plastic products					
7.3	6.6	6.2	13.3	10.6	10.8	10.9	9.6	10.4	9.3	4.2	1.3	1.2	0.1	-0.03	2.4	Manufacture of plastic articles for the packing of goods					
53.5	19.8	7.5	6.6	6.2	7.9	8.9	5.0	5.7	8.9	9.0	9.2	9.0	9.2	6.9	16.1	Manufacture of builders' plastics ware					
0.7	4.0	-9.1	-3.9	-7.0	-9.2	3.2	2.9	2.8	6.4	10.1	3.3	2.1	2.4	3.7	-5.4	Manufacture of plastic tableware, kitchenware and toilet articles					
16.2	12.5	11.5	18.2	14.1	15.8	7.7	6.6	6.4	6.3	6.8	2.0	1.2	1.5	2.6	4.4	Manufacture of diverse plastic products n.e.c.					
6.8	6.9	0.3	5.1	1.7	4.5	14.0	1.1	3.0	0.6	-5.3	-4.4	-9.8	-2.5	3.3	6.1	Manufacture of glass and glass products					

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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
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	8.4	6.6	7.9	8.5	7.3	3.0	2.7		8.4	3.1
23911	Pembuatan mortar refraktori dan konkrit										
&											
23921	Pembuatan seramik bukan refraktori	7.9	3.4	5.2	-0.1	1.7	6.5	10.4		4.2	11.0
23930	Pembuatan produk porselin dan seramik lain	-7.0	-6.4	-13.5	-1.3	1.3	-11.3	-6.4		-10.9	-7.5
23941	Pembuatan simen hidrolik	12.4	2.2	2.7	3.9	2.1	0.1	-0.1		3.3	-0.4
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	9.1	3.8	5.2	4.2	5.4	0.3	1.9		6.4	2.1
23952	Pembuatan konkrit pratuangan, simen atau artikel batu										
&	buatan yang digunakan dalam pembinaan;										
23953	Pembuatan komponen struktur pasang siap untuk bangunan	7.3	13.0	17.1	15.4	12.3	7.3	5.7		17.3	6.1
&	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		8.0	-1.5
	Industri lain	8.9	-6.2	-9.7	-13.5	-2.1	1.5	7.3		-9.9	8.9
241											
(24101 &											
24102 &											
24103 &											
24104 &											
24109)											
242											
(24201 &											
24202 &											
24209)											
243	Pengacuan logam	7.6	10.9	20.0	12.9	7.4	4.3	-2.4		22.1	-2.5
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		11.5	-1.7
25113	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		10.3	2.4
25119	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		17.6	-11.2
	Industri lain	7.0	-18.0	-15.5	-18.6	-20.4	-17.7	-15.9		-15.5	-13.7
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		15.7	8.3
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5.3	3.3	2.8	3.2	3.4	3.7	3.8		3.3	4.4
25920	Rawatan dan penyalutan logam; menggunakan mesin	12.8	52.2	23.5	66.1	69.4	56.0	39.7		31.8	36.7
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.4	9.6	26.0	17.3	-0.04	-2.2	-4.5		27.2	-4.2
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam										
&											
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	-1.8	13.3	12.7	16.7	14.8	9.1	6.5		15.1	6.1
25994	Pembuatan barangan rumah daripada logam	13.2	8.9	11.2	12.5	6.0	6.0	-0.7		10.2	0.4
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		8.4	6.4
	Industri lain	43.8	21.3	18.0	23.7	24.9	18.9	12.8		18.8	13.0
261	Pembuatan komponen dan papan elektronik	2.5	3.3	-1.7	3.2	5.7	6.1	8.3		-1.9	9.3
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya										
&											
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-2.9	4.4	-2.0	6.4	6.8	6.8	8.4		-1.1	9.6
26103	Pembuatan kapasitor dan perintang elektrik										
&											
26104	Pembuatan papan litar bercetak	8.4	-3.7	-7.5	-5.6	-0.8	-0.6	6.3		-8.4	7.4
&											
26105	Pembuatan komponen paparan										
26109	Pembuatan komponen lain untuk aplikasi elektronik	35.3	52.8	78.3	47.8	45.7	47.3	20.1		67.4	18.9
262											
(26201 &											
26202)											
263/											
26300	Pembuatan peralatan komunikasi	41.7	23.3	32.5	25.3	18.8	19.4	5.7		25.6	3.8
264/											
26400	Pembuatan peralatan elektronik pengguna	-1.5	0.2	-3.2	5.8	2.7	-4.6	-4.8		-4.7	-1.7
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	3.1	22.8	12.8	28.2	27.2	23.4	19.2		14.7	19.1
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	4.5	26.1	13.3	31.8	32.4	27.2	19.7		15.5	19.2
&											
26512	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		7.6	18.2
266/											
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	4.6	6.8	25.5	9.8	0.2	-5.2	1.3		22.7	2.2

2024																2025																Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar.	Apr.																	
12.7	3.9	7.2	10.2	8.0	7.0	10.4	7.5	4.2	4.2	1.8	3.0	2.2	2.6	3.3	4.3	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes																
13.5	1.5	1.0	1.2	-0.01	-1.6	3.2	6.4	-3.8	2.6	3.5	13.2	4.0	16.7	10.9	13.2	Manufacture of non-refractory ceramic																
-15.0	-14.1	-11.1	-2.5	-3.3	2.1	6.4	-1.1	-1.4	-9.5	-11.3	-13.0	-13.3	-7.6	2.6	-10.9	Manufacture of other porcelain and ceramic products																
2.7	0.1	5.0	5.5	3.5	2.6	3.6	1.4	1.2	1.4	-2.9	2.1	1.2	1.6	-2.9	-1.1	Manufacture of hydraulic cement																
9.1	0.8	5.7	10.4	1.3	0.9	4.0	6.9	5.1	5.3	-2.0	-1.7	1.6	1.8	2.3	2.8	Manufacture of ready-mix and dry-mix concrete and mortars																
																Manufacture of precast concrete, cement or artificial stone articles for use in construction																
27.0	11.5	13.3	17.7	13.8	14.4	15.9	11.8	9.4	8.3	7.6	6.1	5.0	5.1	7.0	7.3	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.																
9.6	1.0	11.1	11.0	29.1	19.9	29.0	14.3	1.9	1.2	1.9	0.5	-1.2	-7.3	-2.5	5.4	Manufacture of other non-metallic mineral products n.e.c.																
-5.0	-3.6	-19.8	-10.6	-13.5	-16.5	4.6	-2.3	-8.2	-1.2	1.3	4.4	-4.1	-0.6	28.6	14.2	Other industry																
5.9	7.9	7.7	14.7	11.0	7.3	11.2	7.8	5.4	8.6	1.1	-0.3	0.5	-0.3	1.1	6.8	Manufacture of basic iron and steel																
1.3	-3.2	0.8	5.1	7.5	20.1	21.4	8.2	-0.2	-4.0	4.5	5.2	3.8	12.9	12.0	5.1	Manufacture of basic precious and other non-ferrous metals																
23.1	18.1	18.8	28.1	13.6	-2.4	7.9	5.2	9.3	4.8	3.9	4.2	-6.1	-3.5	2.5	-2.9	Casting of metals																
10.4	14.5	9.5	11.8	5.2	9.5	0.1	1.3	0.2	-2.1	-3.7	-0.6	-2.6	-1.5	-1.5	-1.0	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition																
11.4	11.3	7.8	10.7	4.7	8.1	5.2	3.0	6.3	4.7	1.8	6.1	0.8	1.4	3.8	3.8	Manufacture of metal doors, windows and their frames, shutters and gates																
																Manufacture of other structural metal products																
10.2	27.5	17.0	17.3	8.9	16.4	-9.4	-0.6	-13.6	-16.5	-15.8	-16.2	-10.0	-8.1	-13.6	-12.9	Manufacture of tanks, reservoirs and containers of metal																
-13.3	-14.1	-19.1	-15.3	-17.6	-22.9	-22.4	-22.5	-15.8	-16.6	-18.8	-17.7	-20.5	-14.0	-12.9	-6.3	Other industry																
14.0	4.8	22.8	21.4	13.7	17.1	16.0	16.6	14.1	12.6	10.5	9.1	7.8	11.5	6.9	7.5	Manufacture of other fabricated metal products; metal working service activities																
4.6	2.5	1.5	4.8	2.1	2.6	3.3	3.8	3.1	4.1	3.2	3.8	2.6	3.5	5.2	6.1	Forging, pressing, stamping and roll-forming of metal; powder metallurgy																
5.9	7.1	65.1	60.0	56.7	82.0	55.3	80.8	73.2	62.3	64.7	43.7	44.5	50.7	27.3	28.9	Treatment and coating of metals; machining																
31.8	16.1	30.1	30.9	13.9	7.3	2.8	-1.4	-1.2	1.5	-3.9	-3.8	-6.5	-3.6	-3.2	-3.6	Manufacture of tins and cans for food products, collapsible tubes and boxes																
																Manufacture of metal cable, plaited bands and similar articles																
11.0	6.5	20.9	22.6	13.4	14.1	13.6	19.0	11.8	8.7	8.9	9.8	8.9	7.5	3.4	4.8	Manufacture of bolts, screws, nuts and similar threaded products																
12.3	13.8	7.3	7.2	8.4	22.7	2.5	8.0	7.6	2.3	8.3	7.5	-2.9	-2.1	3.1	3.7	Manufacture of metal household articles																
16.3	-7.0	16.3	8.6	2.1	6.7	17.6	9.7	10.1	8.0	3.1	3.4	1.8	12.8	5.9	6.3	Manufacture of any other fabricated metal products n.e.c.																
16.1	19.8	18.1	20.9	18.9	32.0	32.1	23.8	19.4	21.0	19.1	16.6	9.8	9.9	18.4	13.4	Other industry																
-2.3	-3.3	0.1	-2.3	9.1	2.8	2.1	7.7	6.9	0.1	10.2	8.5	8.2	8.8	7.9	12.5	Manufacture of electronic components and boards																
																Manufacture of diodes, transistors and similar semiconductor devices																
-6.6	-2.8	2.3	2.2	11.7	5.4	2.1	10.0	8.0	1.2	12.0	7.8	7.5	9.3	8.4	13.4	Manufacture of electronic integrated circuits micro assemblies																
																Manufacture of electrical capacitors and resistors																
-3.9	-10.1	-7.8	-11.3	-0.03	-5.1	-2.7	0.1	-0.05	-7.9	3.3	3.5	7.5	5.7	6.0	11.0	Manufacture of printed circuit boards																
																Manufacture of display components																
94.4	83.5	60.8	37.8	65.5	40.4	43.8	45.4	47.4	46.9	45.1	49.9	18.1	26.6	15.9	14.6	Manufacture of other components for electronic applications																
15.5	17.8	25.3	29.4	29.2	37.1	40.4	31.5	24.0	15.9	10.6	18.7	14.1	8.7	10.3	5.5	Manufacture of computers and peripheral equipment																
42.1	38.2	20.9	8.1	46.2	21.7	31.8	24.9	4.5	19.1	30.4	10.1	10.3	5.0	2.2	-2.0	Manufacture of communication equipment																
0.9	-0.3	-8.9	-9.6	10.8	15.6	10.7	8.6	-9.1	-3.3	-8.8	-1.1	-14.6	-7.4	6.3	8.7	Manufacture of consumer electronics																
8.1	17.5	13.5	21.7	38.0	25.2	24.6	35.1	22.6	22.1	25.6	22.6	24.0	18.1	15.7	18.6	Manufacture of measuring, testing, navigating and control equipment; watches and clocks																
																Manufacture of measuring, testing, navigating and control equipment																
8.3	18.3	14.0	23.9	41.6	29.6	30.1	40.7	27.2	26.7	29.4	25.7	24.3	17.8	17.0	17.4	Manufacture of industrial process control equipment																
6.4	10.6	9.1	4.0	8.3	-10.3	-13.0	-5.5	-14.8	-14.1	-4.3	-3.9	21.3	20.8	2.5	30.1	Manufacture of watches and clocks and parts																
48.4	17.8	12.9	13.4	26.2	-8.1	2.0	1.3	-2.5	-7.3	-7.1	-1.0	-4.3	13.1	-3.1	5.2	Manufacture of irradiation, electromedical and electrotherapeutic equipment																

Jadual
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		
				Q1	Q2	Q3	Q4	Q1	2024 (Jan. - Apr.)	2025 (Jan. - Apr.)
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	29.7	8.4
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	5.2	2.0
27101	Pembuatan motor elektrik, penjana dan transformer	-4.6	3.7	2.1	5.0	2.4	5.6	-7.2	3.1	-6.8
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	19.7	2.0	5.2	3.8	-4.0	4.5	4.9	6.0	5.2
272/ 27200	Pembuatan bateri dan akumulator	-3.4	11.7	-3.6	0.2	48.1	6.5	35.6	-3.0	35.6
273	Pembuatan pendawaian dan peranti pendawaian	-8.7	-1.8	-6.8	-1.5	-0.3	1.5	-3.7	-6.2	-2.8
27310	Pembuatan kabel gentian optikal	27.3	-7.7	4.7	-5.9	-15.9	-12.6	-26.0	3.1	-26.1
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-9.7	-2.1	-8.4	-2.4	0.8	1.8	-3.3	-7.9	-2.2
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	12.6	5.3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	9.4	20.5	16.5	13.5	20.2	30.1	17.3	17.2	18.4
275/ 27500	Pembuatan perkakasan domestik	-3.9	2.0	3.1	1.7	1.1	2.1	-3.9	2.7	-4.5
279/ 27900	Pembuatan kelengkapan elektrik lain	15.2	-13.4	-6.5	-16.1	-16.7	-13.7	-1.5	-8.8	-1.4
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-1.9	3.8	1.9	3.2	3.0	6.6	8.1	2.6	8.0
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-10.5	-4.2	2.0	-0.8	-4.0	-10.9	-1.1	0.3	2.0
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	15.2	12.9
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-16.3	7.4	2.9	2.4	12.9	12.6	6.0	2.1	4.9
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-1.7	-11.2	-23.0	-11.0	-10.8	1.0	-0.6	-20.1	-0.8
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	14.3	4.9	8.7	3.0	-0.2	8.3	10.6	9.2	11.8
291 (29101 & 29102)	Pembuatan kenderaan bermotor	15.0	2.6	16.4	20.8	1.9	-18.6	-25.6	21.4	-22.9
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	-25.8	28.7
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	12.6	5.3	9.3	5.3	5.3	1.7	-9.2	11.0	-7.7
301 (30110 & 30120)	Pembinaan kapal dan bot	11.8	3.4	-9.2	-2.6	6.0	21.6	20.8	-8.3	15.7
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	8.9	-8.6
30910	Pembuatan motosikal	5.6	10.2	31.1	17.3	0.4	-2.7	1.4	28.9	3.5
30920	Pembuatan basikal dan invalid carriages	-19.2	-0.9	-8.8	-4.9	4.7	6.8	-3.3	-8.4	-2.6
	Industri lain	3.0	-2.6	7.4	5.8	-2.4	-17.1	-19.2	7.8	-18.2
310	Pembuatan perabot	0.2	8.4	12.6	10.5	7.0	3.9	4.0	13.4	4.0
31001	Pembuatan perabot kayu dan rotan	-1.4	10.8	15.1	15.1	7.5	6.0	5.9	16.6	5.9
	Industri lain	1.8	6.0	10.0	6.1	6.4	1.9	2.0	10.0	2.0
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.4	19.6	12.9	17.4	33.6	15.6	13.2	14.4	10.5
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	-0.9	0.6
32901	Pembuatan alat tulis	6.1	5.2	-4.9	7.0	9.2	9.6	9.0	-2.4	7.9
	Industri lain	14.9	-12.9	0.8	-7.1	-25.6	-17.5	-4.7	-0.4	-1.8
323/ 32300	Pembuatan barangan sukan	15.5	-4.0	4.6	-2.6	-7.2	-11.9	-5.7	2.8	-6.2
324/ 32400	Pembuatan permainan dan mainan	-15.1	15.1	-6.3	3.6	42.6	26.7	14.3	-7.2	11.1
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	4.9	6.8
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7.9	14.6	12.0	19.3	11.9	15.6	16.6	12.6	16.6
	Industri lain	6.9	-1.1	0.6	0.2	-0.7	-4.2	-0.4	0.4	0.4
Jumlah Pembuatan		0.2	4.6	1.8	5.7	6.5	4.4	4.0	2.7	4.2

2024												2025				Group Description/Period			
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar.	Apr.				
44.7	33.2	24.0	18.5	16.6	-0.6	1.5	-0.8	-0.9	19.9	14.1	14.5	7.0	7.9	5.2	14.3	Manufacture of optical instruments, photographic equipment, magnetic and optical media			
8.6	4.7	-0.1	7.6	7.7	-2.5	-2.3	-2.9	-1.5	7.4	3.1	3.6	0.1	2.4	2.5	2.9	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus			
4.9	0.8	0.3	6.4	6.9	1.8	2.6	0.7	3.9	12.0	1.6	2.3	-10.0	-5.2	-5.9	-5.5	Manufacture of electric motors, generators and transformers			
10.1	6.2	-0.2	8.1	8.0	-3.9	-4.0	-4.3	-3.6	5.6	3.6	4.1	4.1	5.2	5.5	5.9	Manufacture of electricity distribution and control apparatus			
-6.7	-4.0	0.6	-1.2	8.0	-5.4	64.6	49.1	35.3	8.5	8.7	2.1	33.8	38.7	34.5	35.7	Manufacture of batteries and accumulators			
1.6	-11.3	-10.6	-4.6	6.1	-5.9	0.6	-1.3	-0.1	3.2	1.0	0.2	-5.7	-3.4	-1.7	0.1	Manufacture of wiring and wiring devices			
8.2	9.3	-3.2	-1.2	-5.3	-10.6	-25.1	-12.5	-8.7	-17.1	-5.6	-14.3	-24.4	-26.6	-27.1	-26.4	Manufacture of fibre optic cables			
0.2	-13.6	-12.0	-6.2	5.9	-6.7	2.1	-0.3	0.7	4.0	0.8	0.4	-5.6	-2.8	-1.0	1.2	Manufacture of other electronic and electric wires and cables			
19.6	10.3	3.7	17.6	17.0	9.9	0.7	-4.9	-5.0	5.7	8.8	10.3	5.4	4.7	6.3	5.0	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material			
26.1	15.2	8.4	19.4	17.0	4.8	10.4	25.3	24.4	32.3	21.8	36.8	10.3	21.5	20.8	21.9	Manufacture of electric lighting equipment			
4.6	3.7	1.1	1.5	1.4	2.1	5.1	-1.0	-0.4	2.0	2.1	2.2	-2.8	-1.4	-7.3	-6.2	Manufacture of domestic appliances			
2.2	-11.6	-10.1	-15.8	-16.2	-16.2	-16.8	-14.3	-18.8	-14.2	-19.6	-6.9	-1.0	-2.2	-1.3	-1.2	Manufacture of other electrical equipment			
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	7.9	Manufacture of general-purpose and special-purpose machinery			
																Manufacture of fluid power equipment			
8.6	-1.4	-2.0	-4.8	0.8	1.6	8.5	8.9	-20.4	-20.9	-10.7	-1.3	-4.0	-10.3	14.1	12.0	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			
11.8	11.1	19.0	18.9	15.0	15.6	16.5	12.6	5.6	8.8	8.4	8.8	11.3	23.7	6.8	10.3	Manufacture of metal-forming machinery and machine tools			
5.9	4.9	-1.8	-0.1	-1.6	10.3	13.0	13.2	12.6	15.6	12.4	10.3	9.0	7.8	1.1	2.0	Manufacture of air-conditioning machines, including for motor vehicles			
-19.8	-24.3	-25.0	-12.2	-3.4	-16.6	-15.0	-5.5	-10.8	-11.0	5.8	8.3	8.7	-1.1	-9.7	-1.2	Manufacture of other special-purpose machinery n.e.c.			
9.0	9.2	7.8	10.9	-0.5	-0.6	5.1	-6.6	1.9	5.4	7.9	11.6	9.8	11.3	10.8	15.1	Other industry			
29.4	19.6	0.8	43.0	23.0	-0.6	6.3	18.7	-17.2	-10.9	-24.2	-19.6	-30.7	-22.2	-22.8	-13.1	Manufacture of motor vehicles			
-25.1	-28.4	-23.2	-26.9	-26.4	-1.4	-2.1	-7.3	0.02	3.2	7.3	6.6	62.3	20.4	8.8	24.7	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers			
16.9	13.9	-1.7	16.3	10.8	-10.2	7.5	5.5	2.9	5.2	-0.8	1.0	-9.7	-8.9	-9.0	-3.0	Manufacture of parts and accessories for motor vehicles			
-12.3	-10.6	-5.3	-6.1	3.1	-3.1	10.5	7.2	1.6	1.6	34.6	33.2	34.1	22.3	9.1	3.5	Building of ships and boats			
13.9	10.4	3.8	8.1	5.6	4.7	-0.02	-0.8	0.5	-0.2	-13.2	-11.1	-14.6	-9.8	-5.0	-4.8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c			
41.4	30.3	21.5	22.3	22.6	8.0	5.2	2.9	-7.1	-0.7	-0.5	-6.6	-14.7	-3.4	25.0	10.2	Manufacture of motorcycles			
-4.3	-17.0	-5.5	-7.3	-7.1	-0.1	1.5	6.4	6.3	6.4	6.9	7.1	-2.1	2.3	-9.4	-0.5	Manufacture of bicycles and invalid carriages			
9.2	15.0	0.2	8.7	3.4	5.2	-3.8	-6.0	2.3	-2.5	-26.0	-20.4	-20.3	-18.4	-18.8	-15.2	Other industry			
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	4.1	Manufacture of furniture			
13.7	9.8	21.5	22.1	15.6	5.7	5.5	10.0	6.9	6.3	3.7	7.9	5.2	7.1	5.4	6.0	Manufacture of wooden and cane furniture			
12.4	8.6	8.8	10.3	1.9	6.8	5.3	7.2	6.6	4.3	1.4	0.1	-2.5	4.6	4.2	2.1	Other industry			
12.4	9.8	16.7	18.2	12.7	21.6	47.0	38.8	19.6	20.6	12.6	14.0	17.0	17.0	5.5	3.8	Manufacture of jewellery, bijouterie and related articles			
1.6	-0.9	-2.6	-1.7	-2.7	-7.3	-16.1	-21.8	-15.7	-16.7	-9.2	-8.0	-4.9	-4.9	5.7	6.2	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.			
-4.7	-10.3	0.4	4.9	4.7	11.6	13.3	5.1	9.7	10.4	9.1	9.2	7.6	10.6	8.9	5.3	Manufacture of stationery			
3.8	2.3	-3.6	-3.7	-4.9	-13.1	-24.6	-29.7	-22.3	-24.4	-14.3	-13.3	-9.0	-9.4	4.7	6.5	Other industry			
10.9	6.3	-2.4	-1.7	-2.6	-3.8	-12.4	4.1	-12.0	-20.4	-8.0	-7.5	-8.5	-2.3	-6.1	-7.3	Manufacture of sports goods			
-15.9	-1.2	-1.5	-9.2	-6.3	37.8	57.3	44.4	28.6	21.9	30.2	29.0	24.9	18.2	2.7	3.6	Manufacture of games and toys			
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	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment			
9.2	12.8	13.7	14.0	23.0	24.8	15.5	12.4	9.3	12.8	15.9	18.2	17.9	15.4	16.4	16.7	Repair and maintenance of transport equipment except motorcycles and bicycles			
0.3	-2.2	3.4	-0.03	-0.8	1.5	-0.8	1.0	-1.9	-0.03	-6.9	-5.4	-2.9	-0.1	1.8	2.6	Other industry			
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	4.8	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	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	3.3	3.2	0.1	4.6	-10.6	5.9	2.6	-0.8	2.5	2.4
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	-4.6	0.2	-0.4	1.5	4.1	4.5	-10.8	3.8	0.7	2.3
	10201 Pengetinan ikan, krustasea dan moluska &	-4.9	0.1	-0.5	1.5	3.5	4.7	-11.4	4.3	1.1	1.5
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	-0.3	1.5	0.2	2.2	10.9	2.0	-2.6	-3.3	-4.8	13.8
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.5	3.8	-0.8	0.5	-1.7	8.3	-6.8	3.9	1.8	4.1
	10303 Pengetinan nanas &	-1.5	2.3	1.5	4.4	-19.7	6.2	-5.1	7.3	-4.1	6.6
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	2.5	4.3	-1.5	-0.7	4.3	9.0	-7.3	2.9	3.7	3.4
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-16.8	10.5	15.0	9.0	-17.5	1.1	-23.5	-3.3	20.4	4.3
	10404 Pembuatan minyak sayuran mentah dan bertapis &	-1.9	-7.0	16.1	5.7	3.3	5.4	-12.6	1.3	-10.1	6.1
	10406 Pembuatan sebatian lemak masakan	9.1	0.5	18.6	7.6	-3.0	-0.3	5.3	-3.6	-11.9	20.0
	10405 Pembuatan minyak kelapa Industri lain	-18.9	13.2	14.8	9.4	-20.1	0.5	-25.3	-4.0	25.8	4.0
105	Pembuatan produk tenusu	-2.8	2.0	2.4	5.1	-1.0	0.05	0.5	6.8	-1.7	2.0
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	-3.3	0.8	1.4	6.1	-1.2	-1.1	1.3	7.4	-2.2	0.4
		2.8	16.2	12.2	-3.9	0.4	13.1	-7.4	0.3	4.9	19.8
106	Pembuatan produk bijian, kanji dan produk berkanji	3.6	6.0	1.5	1.7	2.0	5.8	-6.5	12.2	-1.5	4.4
	10611 Pengilangan beras	4.9	10.5	2.0	-1.6	2.3	3.4	-5.8	20.0	-1.3	4.8
	10613 Pengilangan tepung Industri lain	2.3	2.0	1.7	5.2	1.6	7.8	-7.2	5.3	-2.0	4.7
		5.8	2.0	-8.9	0.2	2.3	9.3	-6.9	9.4	2.5	-6.0
107	Pembuatan produk makanan lain	-0.1	5.6	2.1	5.6	1.8	1.6	-3.4	5.3	0.8	6.1
	10711 Pembuatan biskut dan cookies	-9.9	4.8	6.3	5.0	-10.8	-7.9	-9.1	11.6	-0.2	1.4
	10712 Pembuatan roti, kek dan produk bakeri lain	3.5	5.8	6.2	4.4	7.5	7.2	-6.0	4.7	4.2	2.8
	10713 Pembuatan produk snek	3.4	10.5	-3.8	2.2	-7.9	6.3	-11.7	16.4	-0.03	10.1
	10721 Pembuatan gula	-7.6	6.5	2.7	5.9	-4.8	-4.9	0.8	2.4	0.4	10.3
	10731 Pembuatan produk koko	16.3	21.4	5.4	18.5	-0.8	18.3	1.2	-2.8	6.0	27.3
	10732 Pembuatan coklat dan produk coklat &	0.3	5.1	-2.3	5.3	4.8	-2.5	0.4	8.7	-1.3	5.7
	10733 Pembuatan konfeksi gula	-0.9	6.0	-5.4	8.1	-4.1	-0.5	-2.7	1.6	4.5	1.5
	10793 Pembuatan sos dan bahan perasa	-7.3	-4.2	6.7	7.6	5.1	-2.2	-3.9	-1.1	-1.5	0.7
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	2.4	3.4	0.2	0.04	4.6	4.4	-3.7	5.7	-1.5	4.1
108/ 10800	Pembuatan makanan haiwan tersedia	-3.5	5.1	-2.0	-2.2	0.3	4.0	-1.1	8.2	-0.8	4.8
110	Pembuatan minuman ringan	-1.1	-0.4	6.0	7.2	-3.0	2.4	-2.2	9.4	0.2	-6.9
	11041 Pembuatan minuman ringan	-2.4	0.2	11.1	6.7	-5.0	-0.4	-5.6	12.2	2.3	-10.9
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	-2.4	1.2	8.1	4.8	5.8	0.1	4.7	3.0	1.9	-5.4
		1.5	-1.7	-2.9	8.8	-2.1	8.3	1.5	7.0	-3.6	-0.7
120/ 12000	Pembuatan produk tembakau	29.4	-14.7	-20.6	17.4	26.4	27.3	-0.6	20.3	-18.6	3.0
131	Pemintalan, penenunan dan penyiapan tekstil	8.4	7.2	-10.3	-2.7	3.4	12.1	-8.3	1.8	4.8	10.3
	13110 Penyediaan dan pemintalan gentian tekstil &	11.2	7.0	-11.2	-2.4	5.2	12.5	-9.2	6.0	5.0	4.4
	13120 Penenunan tekstil	1.4	8.4	-8.3	-3.9	-1.2	10.8	-6.2	-8.4	4.2	28.3
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	13.5	-22.2	9.4	8.9	11.1	26.8	13.4	-27.3	-9.7	5.8
139	Pembuatan tekstil lain	8.7	-3.7	-1.2	3.0	-3.6	9.8	-1.8	0.5	-4.7	1.7
	13910 Pembuatan fabrik dikait dan dikrusye Industri lain	9.1	-2.3	-0.2	-4.3	5.7	10.0	-0.9	0.8	-2.6	-0.1
		8.5	-4.5	-1.8	7.5	-8.8	9.6	-2.4	0.3	-5.9	2.8
141	Pembuatan pakaian, kecuali pakaian berbulu	2.7	-7.7	3.8	0.7	6.4	5.1	-7.6	10.8	-8.7	-0.8
	14102 Pembuatan pakaian Industri lain	1.2	-8.5	3.5	0.2	7.5	4.3	-9.1	11.3	-7.8	-2.8
		14.4	-2.4	5.3	3.9	0.1	12.2	3.2	7.4	-14.5	14.1
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	9.4	-14.7	2.9	2.1	6.8	14.1	1.3	4.1	-12.0	-4.3
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	-2.6	-3.3	4.6	-15.1	-1.9
152	Pembuatan kasut	-3.9	-9.0	-6.3	5.7	0.2	1.6	-10.2	0.3	-3.9	-2.5
	15201 Pembuatan kasut kulit &	-4.4	-11.4	-1.0	8.9	-0.6	0.6	-12.0	3.7	-9.5	-1.8
	15203 Pembuatan kasut getah Industri lain	-2.7	-3.9	-16.6	-1.4	2.3	3.8	-6.4	-6.6	8.5	-3.7
161/ 16100	Pengilangan dan pengetaman kayu	6.1	-27.3	2.7	15.6	9.7	10.8	-11.9	23.4	-16.9	-23.7

(%)

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-3.8	-0.4	1.9	2.8	2.7	3.7	-9.1	7.5	-18.2	-0.9	-2.9	Processing and preserving of meat
-1.9	-0.7	0.3	1.6	0.8	-0.8	0.5	3.0	-0.04	2.9	-3.0	Processing and preserving of fish, crustaceans and molluscs
-2.2	-0.1	-0.2	2.3	0.5	-1.0	0.7	3.0	-0.7	2.8	-3.3	Canning of fish, crustaceans and molluscs
2.1	-7.5	7.4	-6.7	3.9	1.7	-1.3	3.5	8.8	4.3	1.1	Processing, curing and preserving of fish, crustacean and molluscs
-2.8	0.8	-1.7	0.1	4.9	-4.3	-2.5	1.8	0.3	-1.8	1.0	Other industry
-2.1	0.3	-3.2	8.2	4.3	-1.4	-9.3	-9.1	-5.5	-5.0	3.3	Processing and preserving of fruits and vegetable
-3.0	1.0	-1.2	-2.4	5.0	-5.3	-0.1	5.3	1.9	-1.0	0.4	Pineapple canning
2.1	7.1	8.5	-3.2	9.7	-2.4	1.4	-4.0	-18.7	-6.1	18.3	Manufacture of jams, marmalades and table jellies
9.6	1.1	7.4	3.5	1.0	-3.9	7.7	6.0	-13.1	9.5	0.7	Other industry
3.9	13.5	-6.4	1.7	3.4	9.8	-3.6	-2.1	-0.5	-3.8	-12.8	Manufacture of vegetable and animal oils and fats
1.2	7.8	8.8	-4.0	10.9	-2.3	0.7	-5.3	-19.7	-8.5	21.9	Manufacture of crude and refined vegetable oil
-6.2	1.5	8.9	-3.4	0.4	9.3	-5.5	-0.8	-2.1	6.1	-0.9	Manufacture of compound cooking fats
-6.9	1.4	9.6	-4.4	1.2	10.3	-5.7	-1.1	-2.3	6.7	-2.0	Manufacture of coconut oil
0.8	1.7	2.7	5.3	-6.6	-0.7	-3.0	2.3	0.1	1.2	9.2	Other industry
-2.5	-1.9	3.9	3.3	1.0	-3.0	-2.0	-0.1	1.5	10.4	-1.2	Manufacture of dairy products
-4.9	0.3	3.1	4.2	-1.8	-5.3	0.3	-2.2	3.3	12.4	-1.2	Manufacture of condensed, powdered and evaporated milk
-0.1	-3.8	4.9	2.7	4.0	-1.0	-4.3	1.9	0.2	8.6	-1.5	Other industry
0.1	-5.9	-0.5	-2.7	0.5	2.0	1.2	2.9	-6.5	7.3	3.2	Manufacture of grain mill products, starches and starch products
-4.7	-0.08	4.3	1.7	3.4	-0.2	-0.6	1.8	-0.6	2.7	2.1	Rice milling
-0.2	6.3	-1.7	2.4	7.5	-5.1	0.2	-8.3	-4.4	5.3	0.2	Flour milling
-3.8	2.6	6.8	1.8	-0.5	0.8	2.7	6.3	-1.4	-0.3	5.0	Other industry
-6.6	0.5	-4.4	-0.1	6.7	-4.2	0.3	-7.1	1.9	-2.7	0.9	Manufacture of other food products
-7.3	0.5	3.1	6.0	4.6	-1.5	-7.5	-1.1	2.0	2.2	0.6	Manufacture of biscuits and cookies
-4.6	-5.0	13.1	-6.4	19.9	-1.3	0.5	-1.4	3.0	-3.7	1.8	Manufacture of bread, cakes and other bakery products
-9.1	-1.2	6.0	-1.4	2.3	2.4	0.8	3.9	-3.4	5.7	6.1	Manufacture of snack products
0.9	-10.9	3.9	7.3	1.2	3.0	-3.7	-4.8	-0.8	8.6	0.03	Manufacture of sugar
-3.4	-1.1	10.1	9.4	-0.7	1.1	-4.6	8.1	-1.5	2.8	-1.4	Manufacture of cocoa products
-0.9	0.5	-2.3	1.5	1.1	-1.4	-0.8	1.7	2.4	6.5	-2.9	Manufacture of chocolate and chocolate products
-6.4	2.7	-0.2	-5.0	0.8	4.3	-7.0	3.5	-3.5	8.1	1.3	Manufacture of sugar confectionery
-3.2	8.1	6.0	-3.4	10.6	-4.2	0.3	-4.0	-1.4	10.0	-4.2	Manufacture of sauces and condiments
-0.8	14.6	3.2	-2.0	13.9	-9.1	0.1	-7.7	6.4	5.7	-2.0	Manufacture of other food products n.e.c.
-1.7	11.6	1.2	-2.9	6.1	0.5	0.1	-0.1	9.8	-2.3	2.2	Other industry
-7.4	-3.8	13.3	-5.9	5.9	3.9	0.7	1.2	-17.4	24.1	-10.2	Manufacture of prepared animal feeds
-25.8	1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-0.8	16.3	-18.2	Manufacture of beverages
-7.4	-2.7	0.3	-18.7	8.4	3.6	2.8	9.1	-9.2	-5.9	12.3	Manufacture of soft drinks
-4.7	-2.4	-1.3	-19.6	11.1	2.7	2.5	12.8	-10.6	-6.9	15.5	Production of natural mineral waters and other bottled waters
-14.1	-3.5	4.4	-16.3	1.5	6.2	3.5	-0.9	-5.3	-3.1	3.4	Other industry
-2.1	9.7	10.7	-21.3	28.5	-5.6	0.9	14.0	4.6	-12.2	14.2	Manufacture of tobacco products
0.7	-1.2	0.2	-3.4	1.9	4.6	0.6	-4.1	-1.9	-0.2	-0.4	Spinning, weaving and finishing of textiles
0.6	0.8	4.3	-11.9	-1.6	7.1	-0.6	3.7	-0.5	1.3	0.5	Preparation and spinning of textile fibres
0.7	-2.4	-2.3	2.4	4.0	3.2	1.3	-8.4	-2.9	-1.2	-1.1	Weaving of textiles
-7.7	15.6	-7.5	0.1	3.4	0.8	-1.5	7.6	-5.5	10.5	-9.2	Dyeing, bleaching, printing and finishing of yarns and fabrics
-8.2	16.7	-7.5	-0.1	4.4	-1.3	-1.5	9.0	-5.2	11.0	-8.9	Other industry
-4.3	9.3	-7.9	1.1	-2.9	14.7	-1.4	-0.9	-6.9	7.1	-11.7	Manufacture of other textiles
-9.6	12.1	-0.5	0.2	4.5	2.5	-11.6	14.7	1.3	-1.5	-11.6	Manufacture of knitted and crocheted fabrics
-7.5	6.7	16.9	12.2	9.7	7.4	-5.4	-3.2	-7.6	2.9	-14.6	Other industry
-0.9	-4.6	2.6	-6.2	2.3	10.4	0.1	-3.5	1.8	-2.0	9.3	Manufacture of wearing apparel, except fur apparel
3.1	-3.8	6.1	-7.3	3.9	12.7	-1.0	-3.1	1.3	-4.3	8.5	Manufacture of clothing
-8.3	-6.4	-4.8	-3.4	-1.6	4.7	3.0	-4.5	3.2	3.9	11.0	Other industry
-18.0	4.0	42.8	-6.0	10.0	-2.4	0.1	5.5	-1.1	16.7	-14.1	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
											Manufacture of footwear
											Manufacture of leather footwear
											Manufacture of rubber footwear
											Other industry
											Sawmilling and planning of wood

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	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	10.4	-31.7	10.8	24.6	6.7	13.2	-6.4	12.6	-21.6	-21.2
16211	Pembuatan kepingan venier dan papan lapis	11.0	-35.0	9.6	33.9	11.2	15.1	-4.1	10.2	-23.3	-23.0
16212	Pembuatan papan partikel dan papan gentian	10.4	-29.8	14.7	20.3	-1.2	11.1	-11.5	18.9	-21.9	-19.3
16221	Pertukangan kayu untuk jurubina	8.9	-31.8	17.8	16.5	7.7	11.2	-0.4	9.1	-23.4	-20.5
	Industri lain	9.1	-17.7	-1.4	0.4	4.0	11.8	-10.5	12.2	-8.7	-18.7
170	Pembuatan kertas dan produk kertas	1.9	-2.9	-0.3	0.3	1.5	3.2	-1.6	2.3	0.7	-6.0
17010	Pembuatan pulpa, kertas dan kertas tebal	1.0	-1.5	1.4	-1.0	3.3	3.6	2.4	-9.6	2.1	2.6
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-6.5	-1.4	5.9	-3.4	-4.1	0.2	-11.6	9.3	-0.2	-5.8
17091	Pembuatan sampul surat dan kad surat	-0.1	4.6	-1.5	8.9	-3.6	4.5	-5.6	4.1	11.5	-8.3
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	7.3	-7.3	-9.5	0.8	10.7	3.1	3.4	9.4	-2.6	-10.3
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	5.9	10.1	-7.6	8.8	-19.1
	Industri lain	8.9	3.7	7.5	-4.1	2.9	8.9	-2.4	3.8	-3.1	7.5
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.8	-6.1	1.9	7.8	3.5	0.8	-0.4	-0.5	-2.4	-6.3
18110	Percetakan	4.8	-4.3	3.2	7.8	4.7	0.9	-0.2	1.4	-2.3	-6.1
18120 &	Aktiviti perkhidmatan berkaitan percetakan	-0.3	-13.6	-4.3	7.7	-2.6	0.2	-0.9	-8.0	-2.6	-6.9
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.3	8.2	7.0	-8.4	-11.4	10.6	-11.5	6.1	6.1	-6.5
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	6.6	-4.6	3.2	0.3	-3.7
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	5.7	13.5	7.8	8.8	13.5	0.7	-0.6	13.6	4.2	1.6
20112 &	Pembuatan kimia organik asas										
20113	Pembuatan sebatian bukan organik	11.0	-2.1	3.8	-4.1	13.8	7.6	-2.4	0.4	7.3	-8.1
20121 &	Pembuatan baja	-10.2	2.4	-9.4	-3.0	18.9	-7.9	-6.1	27.7	-11.1	-0.7
20129	Pembuatan produk campuran nitrogen	1.7	-6.4	6.5	-10.0	4.5	5.8	-6.8	4.1	-9.9	2.0
20131	Pembuatan plastik dalam bentuk primer	8.0	2.7	3.0	-2.0	24.6	17.2	-9.9	0.1	5.5	1.6
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	7.0	-6.9	4.2	-5.2	3.7	14.0	-15.1	8.8	-7.7	1.9
20210	Pembuatan racun perosak dan produk agrokimia lain	0.2	-9.3	-3.4	-8.8	0.4	12.0	-2.7	-5.4	-6.0	0.3
20221	Pembuatan cat, varnis dan penyadur dan mastik	17.6	-9.2	-0.7	-4.8	3.6	18.1	-15.2	17.8	-12.3	-0.4
20222	Pembuatan dakwat cetak	22.1	-5.7	1.9	-8.2	5.1	22.8	-11.1	9.7	-0.1	-6.2
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	5.8	-8.3	9.7	-13.5	7.0	17.5	-20.0	4.9	-7.1	3.9
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	-3.7	2.7	6.3	10.3	0.9	4.5	-13.7	8.8	-0.1	4.4
20299	Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	-16.7	-19.3	28.1	-0.1	-3.7	-18.4	-9.3	-0.3	-22.7	11.2
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	6.9	-1.5	2.8	-3.9	8.8	5.3	4.2	6.3	-3.6	-12.4
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	3.8	5.2	7.6	-1.4	-14.3
	Industri lain	8.4	-9.6	25.4	0.01	-4.4	12.2	0.04	0.5	-13.9	-2.2
221	Pembuatan produk getah	8.1	12.6	-8.0	-1.2	5.7	7.1	-8.6	34.4	0.6	-5.2
22111	Pembuatan tayar getah untuk kenderaan	-5.0	18.0	-5.8	0.03	-6.5	5.7	-6.5	3.5	8.2	16.4
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	-3.6	2.9	7.7	-1.1	2.8	3.9	-9.7	13.0	-6.6	7.8
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-2.3	2.7	5.4	3.0	-13.5	0.02	-10.9	14.7	-0.8	-0.2
22193	Pengilangan semula getah dan prosesan susu getah										
22192	Pembuatan sarung tangan getah	11.8	15.5	-11.4	-1.2	10.2	8.6	-7.9	43.4	0.8	-7.3
22199	Pembuatan produk getah lain yang t.t.t.l.	1.3	1.8	3.2	-6.1	-0.8	6.1	-11.4	8.5	-1.6	-0.7
222	Pembuatan produk plastik	-4.7	12.5	-1.2	-0.9	-7.6	-4.7	-4.0	10.7	9.5	1.3
22201 &	Pembuatan produk plastik separa siap	-2.9	10.3	-5.0	1.8	-4.6	-2.3	-5.9	14.4	3.5	3.3
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-4.7	17.7	-1.0	-5.5	-8.8	-5.2	-1.4	8.9	13.0	4.2
22204	Pembuatan barangan plastik jurubina	-7.8	5.8	10.1	1.5	-8.4	-4.2	-3.0	15.9	-2.9	3.6
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-4.9	18.5	1.8	-7.1	-8.3	-1.6	-6.4	12.3	16.9	-4.1
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-5.5	6.2	-1.4	6.2	-8.4	-8.0	-4.6	7.9	10.0	-2.8
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	13.4	-8.5	-4.9	-2.0	13.5	8.2	-4.0	-0.2	-3.3	-3.6

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-12.9	5.5	30.8	13.0	8.1	-1.9	-1.0	10.0	-7.6	10.8	-19.8	Manufacture of products of wood, cork, straw and plaiting materials
-16.2	1.4	39.0	19.1	11.4	-2.2	-1.9	15.9	-7.1	8.7	-21.1	Manufacture of veneer sheets and plywood
-13.0	10.0	27.0	14.8	4.1	-1.3	-2.0	3.4	-11.6	17.0	-22.0	Manufacture of particle board and fibreboard
-7.9	12.5	34.4	-5.5	11.0	-1.7	2.0	8.3	-6.3	9.4	-24.6	Manufacture of builders' carpentry
-2.5	4.3	4.8	1.2	-2.0	-2.1	4.8	-2.0	1.7	7.3	3.6	Other industry
-1.5	3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8	2.0	1.1	Manufacture of paper and paper products
2.2	3.6	-4.1	-4.8	-1.5	8.9	-1.6	2.6	2.9	-8.4	2.8	Manufacture of pulp, paper and paperboard
3.3	8.3	-1.2	-4.7	-2.2	5.6	-3.7	-3.8	-0.2	1.6	2.5	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-4.3	-5.8	15.9	0.9	4.4	1.0	-5.1	3.5	-8.1	5.1	7.2	Manufacture of envelopes and letter-card
-14.4	2.1	3.0	1.6	-2.3	3.4	-3.3	9.6	-1.2	9.2	-2.2	Manufacture of household and personal hygiene paper
2.1	-8.5	8.0	0.9	6.0	6.1	3.9	-7.3	-2.6	10.7	1.6	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
0.6	9.4	-5.0	-3.3	-0.3	-0.3	0.8	6.2	-4.6	-1.5	0.1	Other industry
2.4	5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2	-1.5	-1.8	Printing, service activities related to printing and reproduction of recorded media
3.8	5.3	-5.1	3.4	-1.9	15.3	-2.1	1.6	-0.05	-0.2	-1.4	Printing
-3.8	6.5	-3.4	-10.0	0.8	27.2	-4.5	-4.9	1.4	-8.7	-4.2	Service activities related to printing
											Reproduction of recorded media
21.1	0.6	-3.6	-4.6	3.5	-4.1	-14.8	10.9	-15.6	3.1	7.0	Manufacture of refined petroleum products
-2.7	6.4	6.7	-10.3	-6.6	6.2	7.2	10.5	-10.3	6.3	-1.6	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
-1.9	11.4	-4.3	1.2	-8.0	24.2	7.3	-5.2	2.9	15.0	-2.9	Manufacture of liquefied or compressed inorganic industrial or medical gases
-9.3	12.0	8.4	-10.0	-10.2	12.0	9.6	14.8	-18.3	8.4	1.2	Manufacture of basic organic chemicals
											Manufacture of inorganic compounds
											Manufacture of fertilizers
2.9	-6.9	-0.8	-11.3	1.4	5.6	1.2	7.0	4.5	15.0	-9.9	Manufacture of associated nitrogen products
6.8	0.3	8.8	-13.2	-3.7	-2.7	5.6	4.9	-4.3	-0.4	-10.0	Manufacture of plastics in primary forms
-0.7	6.3	-3.0	-3.6	0.6	0.9	1.0	12.0	10.9	8.1	12.4	Other industry
-0.9	2.5	3.7	-2.4	-3.8	0.5	-4.1	6.6	-0.8	1.3	-7.3	Manufacture of other chemical products and man-made fibres
2.9	-3.2	-3.8	1.2	-2.8	-8.7	0.5	6.6	-1.2	-7.0	-5.8	Manufacture of pesticides and other agrochemical products
-4.2	1.8	2.3	-3.1	-1.4	3.4	-12.6	8.7	3.9	1.8	-12.8	Manufacture of paints, varnishes and similar coatings ink and mastics
-11.0	19.4	-2.3	-12.2	0.4	1.8	-1.7	3.4	-1.5	9.8	-3.3	Manufacture of printing ink
											Manufacture of soap and detergents, cleaning and polishing preparations
2.6	4.4	9.1	-11.0	-7.8	-1.4	-1.4	11.9	-5.9	3.1	-8.7	Manufacture of perfumes and toilet preparations
											Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-1.9	0.8	1.5	12.9	-1.3	3.2	1.8	-2.2	1.0	0.5	0.9	Manufacture of writing and drawing ink
											Manufacture of other chemical products n.e.c.
2.0	14.9	-3.0	26.0	-13.8	-3.8	10.8	-3.4	-10.0	3.5	3.2	Other industry
17.7	-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1	5.9	-3.0	Manufacture of pharmaceuticals, medicinal chemical and botanical products
17.5	-4.7	-5.3	4.0	-3.8	-1.9	-2.2	6.4	8.8	5.7	-2.5	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
18.8	2.6	18.6	-5.8	3.5	-10.9	8.3	-10.9	5.0	7.0	-5.3	Other industry
-3.4	1.2	-8.8	2.0	5.9	-6.5	-2.1	5.4	-9.1	33.4	-2.3	Manufacture of rubber products
-5.0	-3.1	-4.9	-2.9	11.3	-8.0	-4.4	5.7	-10.4	2.8	9.3	Manufacture of rubber tyres for vehicles
0.02	6.0	-0.7	-1.1	1.9	-1.9	-2.1	4.5	-1.2	3.6	-3.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
-4.5	12.2	-3.1	-3.0	2.5	4.7	1.4	-13.7	-11.3	18.3	-1.59	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
											Rubber remilling and latex processing
-4.5	0.2	-10.9	3.1	7.7	-8.5	-2.8	8.4	-8.5	40.8	-3.0	Manufacture of rubber gloves
7.8	-0.6	-2.4	2.0	-4.7	-3.0	-0.2	6.1	-11.5	7.5	-0.6	Manufacture of other rubber products n.e.c.
-10.1	7.1	-1.2	-1.2	1.3	1.2	-5.5	-4.9	-4.1	10.3	9.6	Manufacture of plastics products
-7.4	1.9	-4.0	-0.5	4.0	2.0	-5.2	-1.6	-5.5	11.2	1.4	Manufacture of semi-manufactures of plastic products
											Manufacture of finished plastic products
-11.2	8.3	-3.3	-0.2	-1.0	-1.9	-6.3	-5.3	-2.5	8.8	15.7	Manufacture of plastic articles for the packing of goods
-7.1	15.5	-2.6	2.3	1.4	5.2	-11.7	-4.4	-2.9	13.5	5.5	Manufacture of builders' plastics ware
-4.0	9.5	-2.1	-5.1	4.1	-8.4	-4.3	-2.8	-6.1	13.7	6.7	Manufacture of plastic tableware, kitchenware and toilet articles
-15.0	7.8	6.0	-2.0	0.7	9.3	-3.9	-8.7	-4.3	9.1	11.9	Manufacture of diverse plastic products n.e.c.
-5.0	11.0	-11.6	-8.2	0.3	9.6	5.0	2.1	3.9	5.7	-0.6	Manufacture of glass and glass products

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	Jan.	Feb.	Mac	Apr.	Mei		
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	12.6	-10.3	-0.6	2.6	12.3	8.6	-5.4	6.6	-7.2	-8.1		
23911 & 23921	Pembuatan mortar refraktori dan konkrit	3.4	-11.1	4.2	11.2	7.2	7.6	-7.2	3.1	-8.8	-1.2		
23930	Pembuatan produk porselin dan seramik lain	-13.2	6.2	3.8	-7.3	-8.4	-9.0	-3.8	-5.2	9.4	1.7		
23941	Pembuatan simen hidrolik	13.6	-11.1	-5.0	4.4	13.3	8.5	-2.2	9.5	-8.2	-12.0		
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	12.7	-11.9	1.5	-0.6	14.5	7.1	-5.2	7.2	-8.5	-9.5		
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan atau pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	16.5	-11.2	0.1	3.6	14.8	12.6	-9.5	5.8	-5.6	-10.7		
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.6	-4.3	-0.9	-2.7	4.4	2.1	1.8	10.0	-12.8	9.0		
	Industri lain	2.7	-10.6	5.5	4.9	8.5	5.6	-1.2	-9.2	2.3	-6.2		
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	1.8	-16.1	3.9	16.2	-0.8	-2.9	5.3	6.0	-10.8	-13.8		
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	-2.7	-10.6	-2.7	20.4	4.6	-2.1	-3.6	7.5	0.4	-15.5		
243	Pengacuan logam	6.7	-0.7	-3.7	2.2	-0.2	13.4	-6.6	5.5	10.1	-12.1		
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	10.2	-3.1	-13.4	5.9	10.4	5.0	-4.9	1.9	1.1	-7.8		
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	12.5	-3.0	-11.3	7.7	10.0	6.6	-5.1	-0.6	2.4	-5.8		
25120	Pembuatan produk struktur logam lain	5.5	-2.5	-19.5	1.3	12.4	1.1	-4.1	9.0	-1.3	-13.3		
	Pembuatan tangki, takungan dan kontena daripada logam	5.5	-2.5	-19.5	1.3	12.4	1.1	-4.1	9.0	-1.3	-13.3		
	Industri lain	-0.9	-12.0	-5.1	-0.5	1.2	2.3	-6.6	-1.0	-6.6	-1.6		
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	7.9	-0.3	-2.9	6.0	5.9	2.2	-7.5	12.1	1.7	-10.6		
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	0.6	1.7	2.8	-1.3	0.2	-4.5	3.1	2.9	-4.8		
25920	Rawatan dan penyalutan logam; menggunakan mesin	28.8	13.4	-4.6	11.9	15.4	5.0	-2.8	28.3	-1.3	-9.3		
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.8	-7.3	-8.8	8.3	4.3	1.3	-10.6	10.4	-0.4	-11.8		
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	12.4	-0.1	-6.8	4.3	9.7	5.0	-2.1	8.0	0.9	-7.1		
25994	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	12.4	-0.1	-6.8	4.3	9.7	5.0	-2.1	8.0	0.9	-7.1		
25994	Pembuatan barangan rumah daripada logam	7.2	-0.1	-5.1	4.3	0.4	9.7	-1.5	-6.7	4.2	-1.4		
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	-0.4	-4.1	3.7	5.8	1.2	-0.7	-18.1	18.3	5.1	-19.1		
	Industri lain	2.9	3.7	8.4	2.8	-2.3	-0.8	3.6	3.0	4.4	-7.3		
261	Pembuatan komponen dan papan elektronik	5.6	-0.9	9.3	-7.2	7.8	-5.8	14.7	18.8	-23.0	12.0		
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	5.9	-0.3	11.7	-9.5	7.5	-10.2	14.5	25.2	-26.4	13.1		
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	4.5	-2.2	3.9	-6.4	11.8	-1.6	17.8	11.8	-18.6	8.0		
26109	Pembuatan kapasitor dan perintang elektrik	11.3	2.2	19.4	8.5	-9.3	13.9	-1.6	4.4	-16.8	31.0		
262 (26201 & 26202)	Pembuatan papan litar bercetak	11.3	2.2	19.4	8.5	-9.3	13.9	-1.6	4.4	-16.8	31.0		
263/ 26300	Pembuatan komponen paparan	23.8	24.5	-16.8	-10.2	19.2	14.0	11.9	-2.1	35.0	-15.6		
264/ 26400	Pembuatan komputer dan kelengkapan peranti	1.6	23.0	8.5	-11.9	-10.1	-12.1	1.5	13.0	-11.4	40.5		
265	Pembuatan peralatan komunikasi	-10.2	6.4	17.1	-14.7	-10.4	-4.8	2.6	9.0	-16.5	25.0		
26511 & 26512	Pembuatan peralatan elektronik pengguna	-6.7	-1.1	22.7	9.0	-9.8	-5.7	-7.0	11.5	-19.0	21.0		
26520	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-5.1	-0.2	23.1	9.1	-10.7	-4.9	-6.6	12.1	-19.4	22.3		
	Pembuatan kelengkapan kawalan proses perindustrian	-19.9	-10.2	18.1	8.8	-0.5	-12.5	-10.3	6.3	-15.0	8.3		
266/ 26600	Pembuatan jam tangan dan jam dan bahagiannya	1.6	-17.3	1.2	11.5	8.6	16.0	-18.8	10.1	-16.4	9.5		
	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik												

(%)

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-0.5	3.6	-0.1	-2.4	-2.9	9.1	3.7	7.8	-5.1	7.4	-6.4	Manufacture of non-metallic mineral products n.e.c.
											Manufacture of refractory mortars and concretes
-4.1	1.8	7.7	1.6	0.5	7.0	6.2	-1.2	4.2	-2.0	-6.9	Manufacture of non-refractory ceramic
2.7	7.3	-5.0	-6.6	-0.9	1.9	-4.4	-9.3	2.6	5.3	-5.1	Manufacture of other porcelain and ceramic products
-0.2	1.4	-1.5	-2.6	-0.1	8.4	3.6	7.5	-1.8	4.6	-6.5	Manufacture of hydraulic cement
0.02	4.4	3.0	-3.9	-3.9	5.8	3.8	10.8	-5.1	7.7	-8.1	Manufacture of ready-mix and dry-mix concrete and mortars
											Manufacture of precast concrete, cement or artificial stone articles for use in construction
2.9	2.1	0.5	-1.0	-5.3	11.9	5.4	11.3	-9.3	7.7	-5.3	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
-9.7	8.8	-4.5	-6.7	-2.7	10.8	-2.0	0.4	-4.5	15.6	-5.7	Manufacture of other articles of concrete, cement and plaster n.e.c.
-7.0	18.3	-6.8	1.0	2.4	4.1	4.1	-3.0	2.3	17.6	-9.2	Manufacture of other non-metallic mineral products n.e.c.
											Other industry
-6.4	-2.9	14.9	21.0	1.3	-1.5	-5.2	-2.1	4.5	7.4	-5.7	Manufacture of basic iron and steel
-13.2	-4.3	16.9	20.2	-2.2	6.0	1.1	-3.4	4.8	6.6	-5.7	Manufacture of basic precious and other non-ferrous metals
-9.6	-5.0	16.4	7.1	-2.5	-5.5	-2.3	2.2	-4.1	12.1	4.2	Casting of metals
4.7	-14.4	2.0	-1.2	-1.3	4.8	12.2	2.9	-3.8	1.9	1.7	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
											Manufacture of metal doors, windows and their frames, shutters and gates
2.3	-13.2	3.1	1.8	-3.1	4.9	15.4	1.3	-4.5	1.7	2.4	Manufacture of other structural metal products
12.1	-18.6	-0.7	-9.8	4.2	4.7	4.0	8.6	-2.1	2.5	-0.5	Manufacture of tanks, reservoirs and containers of metal
-5.7	1.7	-3.3	-0.5	-1.5	3.3	0.9	-1.2	1.0	0.3	0.5	Other industry
1.6	-1.4	2.4	-1.0	3.2	-0.2	8.5	1.0	-4.4	7.5	2.2	Manufacture of other fabricated metal products; metal working service activities
											Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1.6	1.6	3.9	-5.4	5.6	-1.1	1.4	-0.9	-3.8	4.8	3.7	Treatment and coating of metals; machining
16.7	-15.5	5.4	5.1	3.5	0.1	8.2	5.5	1.4	8.4	-0.1	Manufacture of tins and cans for food products, collapsible tubes and boxes
-5.3	-4.1	4.1	1.1	3.9	-3.8	14.6	-1.5	-7.9	11.0	-0.9	Manufacture of metal cable, plaited bands and similar articles
											Manufacture of bolts, screws, nuts and similar threaded products
-1.5	-4.0	3.9	-5.9	2.9	1.9	8.8	4.2	-3.3	3.8	2.3	
5.6	-10.1	4.4	-1.9	1.7	2.5	2.3	-0.9	-0.6	-1.8	4.9	Manufacture of metal household articles
1.2	11.8	-3.1	3.8	1.7	-1.5	11.1	-2.3	-9.2	11.0	5.4	Manufacture of any other fabricated metal products n.e.c.
3.7	9.1	0.9	-3.2	2.3	6.6	-5.3	-6.6	3.7	11.0	0.0	Other industry
6.8	-8.9	11.5	8.5	-14.9	1.9	-3.9	-6.0	15.4	17.8	-19.7	Manufacture of electronic components and boards
											Manufacture of diodes, transistors and similar semiconductor devices
10.6	-7.9	11.0	5.6	-14.9	-1.3	0.3	-10.4	16.4	24.2	-22.9	Manufacture of electronic integrated circuits micro assemblies
											Manufacture of electrical capacitors and resistors
2.6	-11.2	12.9	9.8	-16.8	9.0	-11.4	2.3	15.8	12.2	-14.8	Manufacture of printed circuit boards
											Manufacture of display components
-1.4	-4.1	7.6	29.5	-6.2	-7.1	2.4	-10.3	5.4	-4.4	-17.7	Manufacture of other components for electronic applications
2.0	0.8	-1.5	-38.5	33.1	-11.9	14.2	9.5	6.6	-0.7	29.2	Manufacture of computers and peripheral equipment
1.2	-9.2	10.1	1.2	-19.9	10.4	-3.2	-11.9	-3.3	9.9	-15.1	Manufacture of communication equipment
6.7	3.1	5.0	-4.5	-7.3	-6.9	-6.5	-17.7	11.2	25.1	-14.6	Manufacture of consumer electronics
6.1	-1.1	14.0	8.4	-0.9	1.0	-1.5	-4.6	-11.4	9.3	-17.0	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
											Manufacture of measuring, testing, navigating and control equipment
6.7	-2.1	14.6	9.5	-1.3	0.4	-1.3	-6.0	-11.5	11.3	-19.2	Manufacture of industrial process control equipment
-0.6	11.4	7.5	-3.6	4.3	8.7	-3.8	10.5	-10.7	-9.8	7.8	Manufacture of watches and clocks and parts
-18.3	4.1	15.5	-5.5	5.2	8.8	-2.1	12.2	-4.0	-5.7	-9.2	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	Jan.	Feb.	Mac	Apr.	Mei
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	6.5	-16.2	9.3	19.1	-2.2	9.2	-6.3	9.0	-16.7	-0.02
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-11.0	5.7	17.9	-5.5	-13.7	-1.4	-10.0	4.1	6.1	2.5
	27101 Pembuatan motor elektrik, penjana dan transformer	-12.4	2.0	28.9	-8.3	-23.0	1.0	-12.2	1.4	5.9	0.7
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	-10.5	7.1	13.9	-4.3	-10.1	-2.3	-9.1	5.2	6.1	3.2
272/ 27200	Pembuatan bateri dan akumulator	-10.5	13.1	25.1	-15.9	14.0	-2.3	-11.2	1.1	9.7	10.4
273	Pembuatan pendawaian dan peranti pendawaian	-5.4	3.4	5.8	-1.9	-10.3	7.1	-12.1	-1.8	6.0	10.4
	27310 Pembuatan kabel gentian optikal	2.8	3.8	-9.1	-9.9	-13.0	2.2	-6.2	-4.8	6.2	7.7
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.9	3.0	8.0	-1.8	-11.5	6.6	-12.9	-1.9	6.0	10.6
	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	19.9	-5.9	0.8	5.2	10.3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	-0.7	-3.9	38.1	-1.3	-10.5	12.9	-7.7	-4.0	-1.5	10.8
275/ 27500	Pembuatan perkakasan domestik	9.9	0.9	6.4	-13.5	3.5	10.5	-0.5	6.6	-0.3	-6.7
279/ 27900	Pembuatan kelengkapan elektrik lain	-14.1	-2.9	7.2	-3.5	-2.0	-2.7	-15.8	5.8	-7.6	9.6
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-8.0	8.1	-8.7	17.5	-6.7	-7.1	-6.0	1.0	12.0	-2.4
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	-28.6	-4.0	2.8	26.5	-20.8	-17.7	-8.7	-19.5	11.8	1.9
	28180 & 28220 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	-8.4	-4.9	3.9	11.5	-3.0
	28192 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	-3.4	-5.9	-0.2	15.8	1.3
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-17.9	13.9	-14.1	25.7	-19.2	-13.4	-11.9	10.5	21.6	-9.7
		-6.5	2.9	0.4	12.1	-4.5	-2.9	-3.6	-0.9	5.0	-1.1
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-10.6	-17.2	-0.2	10.2	-18.3	1.5	-17.5	-4.4	-6.2	11.3
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	-32.8	5.7	13.8	30.8	-17.3	-29.6	-12.4	27.9	-11.1	4.4
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	0.5	-2.7	9.8	-5.4	-10.2	4.4	-3.4	-4.1	1.0	13.3
301 (30110 & 30120)	Pembinaan kapal dan bot	0.0	1.1	-17.9	46.4	-0.7	-1.6	2.9	24.0	8.3	-25.5
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	-3.5	-10.6	11.1	-5.7	-3.0
	30910 Pembuatan motosikal	2.1	-5.1	-3.9	4.4	6.4	8.3	-14.4	-0.4	-0.1	2.2
	30920 Pembuatan basikal dan invalid carriages	-3.6	3.3	-6.6	14.9	-12.8	5.9	-17.6	17.8	-3.5	2.4
	Industri lain	-14.9	-7.0	-1.7	6.6	-17.0	-13.2	-4.9	15.4	-9.4	-8.4
310	Pembuatan perabot	7.3	-21.9	-5.6	31.4	7.4	5.1	-7.9	13.8	-19.0	0.3
	31001 Pembuatan perabot kayu dan rotan	14.1	-24.6	-4.4	28.8	14.0	6.8	-3.1	17.4	-23.1	-2.1
	Industri lain	0.7	-19.0	-6.8	34.1	0.8	3.4	-12.7	9.9	-14.1	2.9
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	0.8	21.2	-3.8	-1.7	-1.3	6.8	-14.0	6.0	19.9	3.1
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	-2.2	0.3	-2.5	11.3	7.6
	32901 Pembuatan alat tulis	2.0	16.4	1.8	-9.3	1.5	1.2	-6.5	10.3	10.4	1.0
	Industri lain	-7.2	7.0	-14.4	-2.9	7.2	-3.3	2.6	-6.2	11.6	9.9
323/ 32300	Pembuatan barangan sukan	13.1	-2.4	-24.7	5.9	21.0	11.6	-7.9	8.5	14.5	-16.7
324/ 32400	Pembuatan permainan dan mainan	4.5	39.9	1.5	-14.6	-5.8	6.4	0.5	26.0	7.8	25.4
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	-0.4	-13.0	0.4	18.7	2.3	-1.7	-3.8	20.0	-3.5	-29.2
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	2.1	-9.5	1.9	22.8	3.0	-2.5	-1.3	29.8	1.2	-36.2
	Industri lain	-2.0	-15.1	-0.6	15.8	1.9	-1.3	-5.3	14.0	-6.8	-23.9
Jumlah Pembuatan		-0.9	1.5	4.1	-0.3	-1.3	1.9	-4.3	8.4	-3.3	1.1

(%)

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-8.7	12.6	5.1	-0.4	19.7	-1.3	-3.1	2.1	-5.6	6.3	-9.5	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-3.2	12.6	7.3	3.6	-2.5	-9.6	-3.5	-4.6	-8.0	4.3	6.5	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
-1.7	15.3	16.9	4.1	-2.8	-17.2	-3.8	-11.1	-7.5	0.6	6.3	Manufacture of electric motors, generators and transformers
-3.7	11.6	3.7	3.3	-2.3	-6.4	-3.4	-2.3	-8.2	5.5	6.5	Manufacture of electricity distribution and control apparatus
-0.8	16.1	1.6	11.1	-18.2	-3.9	-6.1	28.1	-8.0	-1.9	10.6	Manufacture of batteries and accumulators
-9.7	8.0	0.8	2.9	0.4	-4.3	-4.7	0.8	-10.0	-0.1	7.9	Manufacture of wiring and wiring devices
-5.1	-14.4	26.8	-24.9	-2.1	3.0	5.3	-9.9	-8.9	-5.4	7.2	Manufacture of fibre optic cables
-10.0	10.9	-0.6	4.9	0.3	-5.0	-5.1	0.3	-10.3	-0.1	8.3	Manufacture of other electronic and electric wires and cables
-8.3	-12.1	5.7	-3.3	3.1	2.0	-3.6	14.5	-6.5	2.3	3.9	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
-10.9	27.0	21.6	-1.8	-1.2	-8.5	2.6	-9.0	1.7	-4.6	-0.6	Manufacture of electric lighting equipment
5.5	1.0	10.9	-8.7	-8.6	-3.5	-1.6	5.2	1.0	0.2	0.9	Manufacture of domestic appliances
2.8	-1.2	5.2	-0.1	-3.4	-7.6	11.2	3.5	-16.8	6.8	-7.5	Manufacture of other electrical equipment
-1.8	-9.8	4.5	0.6	5.3	13.2	1.9	-7.3	-4.6	-4.5	15.7	Manufacture of general-purpose and special-purpose machinery
5.5	-10.9	12.0	7.3	-1.0	25.1	2.3	-19.9	-14.7	2.4	9.7	Manufacture of fluid power equipment
											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
2.1	-9.4	0.7	-4.0	4.1	15.3	3.5	-6.2	5.7	-10.3	15.1	Manufacture of metal-forming machinery and machine tools
-8.5	-21.6	18.3	-4.7	10.7	10.6	4.7	-4.5	-6.9	-6.4	16.9	Manufacture of air-conditioning machines, including for motor vehicles
-6.7	-7.7	-8.1	20.9	1.7	17.0	2.5	-13.0	-19.9	0.9	33.1	Manufacture of other special-purpose machinery n.e.c.
1.6	-2.5	4.4	-1.7	5.8	9.5	-1.6	-4.4	-2.3	-1.3	9.1	Other industry
-27.0	25.9	3.5	-21.1	28.9	-0.8	0.1	-12.5	-7.3	-5.1	5.5	Manufacture of motor vehicles
8.7	9.7	-7.7	6.3	25.6	9.1	-9.2	7.2	-35.1	15.6	1.9	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-22.6	30.8	-0.6	-10.4	-0.9	7.2	-4.6	-6.6	-2.5	-4.3	7.7	Manufacture of parts and accessories for motor vehicles
-9.6	-5.8	-2.4	18.3	26.2	8.5	-2.4	-0.9	-6.2	10.6	2.7	Building of ships and boats
1.0	-3.9	0.3	2.1	7.0	2.5	-7.0	-7.2	-5.6	17.0	-5.4	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
-2.4	3.8	-5.9	-8.6	5.6	14.5	-6.0	-1.0	-3.0	28.9	-11.9	Manufacture of motorcycles
3.1	-12.2	7.3	-3.8	12.1	7.6	-6.4	-3.2	-14.0	4.4	6.0	Manufacture of bicycles and invalid carriages
2.2	-4.6	1.1	11.5	5.5	-5.7	-7.9	-13.1	-2.6	14.9	-5.5	Other industry
-27.5	5.5	8.5	17.6	10.3	5.8	2.0	2.5	-3.8	12.7	-19.5	Manufacture of furniture
-28.6	7.8	15.4	8.0	8.6	10.1	2.9	4.1	-1.3	15.4	-22.6	Manufacture of wooden and cane furniture
-26.4	3.3	1.4	28.7	11.9	1.8	1.0	0.8	-6.4	9.5	-15.9	Other industry
1.1	-8.9	0.0	11.4	-11.1	5.4	-1.5	9.6	-14.0	-4.4	18.0	Manufacture of jewellery, bijouterie and related articles
-15.0	-2.5	-2.0	5.2	-9.9	4.3	0.0	1.0	0.4	8.4	11.7	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
1.2	3.5	-0.2	-8.0	-0.8	-8.1	7.0	-0.3	-4.0	8.6	6.8	Manufacture of stationery
-20.1	-4.8	-2.8	11.0	-13.2	9.5	-2.5	1.5	2.1	8.4	13.5	Other industry
-20.8	-3.1	-0.1	-6.1	-2.9	16.9	6.5	10.4	-1.8	4.3	13.0	Manufacture of sports goods
-12.4	3.9	0.9	-3.5	-5.1	-8.6	-7.8	3.1	-4.9	9.4	8.7	Manufacture of games and toys
2.8	-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9	22.3	-2.7	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.6	-4.0	17.8	35.1	-6.9	10.0	-6.9	-2.8	-3.4	31.0	1.4	Repair and maintenance of transport equipment except motorcycles and bicycles
4.3	-4.0	6.7	19.0	2.7	0.5	-4.5	1.3	-2.6	16.2	-6.0	Other industry
0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.3	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	
				Q1	Q2
101	Pemprosesan dan pengawetan daging	14,664	15,265	14,966	14,548
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,342	17,394	17,616	17,657
10201 & 10202	Pengetinan ikan, krustasea dan moluska	14,485	14,280	14,642	14,690
	Pemprosesan dan pengawetan ikan, krustasea dan moluska				
	Industri lain	2,857	3,114	2,974	2,967
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,127	9,524	10,789	10,401
10303 & 10304	Pengetinan nanas	570	540	583	567
	Pembuatan jem, marmalad dan sajian jeli				
	Industri lain	9,557	8,984	10,206	9,834
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,888	92,217	89,298	90,516
10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis	4,477	4,782	4,604	4,666
	Pembuatan sebatian lemak masakan				
10405	Pembuatan minyak kelapa	2,631	2,653	2,669	2,665
	Industri lain	82,779	84,782	82,025	83,184
105	Pembuatan produk tenusu	13,874	14,135	14,144	14,003
10502	Pembuatan susu pekat, tepung dan sejat	9,858	9,963	10,197	9,969
	Industri lain	4,017	4,172	3,947	4,034
106	Pembuatan produk bijian, kanji dan produk	11,538	11,591	11,325	11,202
10611	Pengilangan beras	5,400	5,524	5,438	5,309
10613	Pengilangan tepung	5,223	5,236	4,992	5,005
	Industri lain	915	831	895	888
107	Pembuatan produk makanan lain	141,851	146,141	142,155	142,049
10711	Pembuatan biskut dan cookies	14,889	15,052	14,430	14,578
10712	Pembuatan roti, kek dan produk bakeri lain	33,814	35,131	33,618	34,421
10713	Pembuatan produk snek	9,620	9,845	9,581	9,671
10721	Pembuatan gula	1,836	1,829	1,829	1,829
10731	Pembuatan produk koko	2,644	2,405	2,569	2,403
10732	Pembuatan coklat dan produk coklat				
& 10733	Pembuatan konfeksi gula	8,634	8,716	8,682	8,562
10793	Pembuatan sos dan bahan perasa	13,437	15,091	13,873	13,438
10799	Pembuatan produk makanan lain t.t.t.l.	18,153	18,807	18,596	18,293
	Industri lain	38,825	39,266	38,979	38,855
108/ 10800	Pembuatan makanan haiwan tersedia	13,666	13,914	13,947	13,790
110	Pembuatan minuman ringan	16,805	17,239	17,129	17,336
11041	Pembuatan minuman ringan	10,717	11,025	10,884	11,080
11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,111	4,234	4,247	4,238
	Industri lain	1,976	1,981	1,998	2,018
120/ 12000	Pembuatan produk tembakau	1,259	1,278	1,331	1,251
131	Pemintalan, penenunan dan penyiapan tekstil	13,207	13,753	13,470	13,726
13110 & 13120	Penyediaan dan pemintalan gentian tekstil	9,168	9,339	9,433	9,611
	Penenunan tekstil				
13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,592	3,928	3,568	3,638
	Industri lain	447	486	469	478
139	Pembuatan tekstil lain	15,096	14,845	14,854	14,914
13910	Pembuatan fabrik dikait dan dikrusye	5,531	5,465	5,407	5,552
	Industri lain	9,564	9,380	9,447	9,361
141	Pembuatan pakaian, kecuali pakaian berbulu	43,688	43,092	44,375	43,995
14102	Pembuatan pakaian	31,863	31,431	32,580	32,287
	Industri lain	11,825	11,661	11,795	11,708
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,093	1,050	1,099	1,095
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
152	Pembuatan kasut	7,071	7,415	7,209	7,280
15201 & 15203	Pembuatan kasut kulit	3,719	3,741	3,731	3,729
	Pembuatan kasut getah				
	Industri lain	3,352	3,674	3,478	3,551
161/ 16100	Pengilangan dan pengetaman kayu	24,448	24,600	24,271	24,178

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
15,288	15,265	15,194	14,891	15,359	Processing and preserving of meat
17,410	17,394	17,537	17,849	17,582	Processing and preserving of fish, crustaceans and molluscs
					Canning of fish, crustaceans and molluscs
14,245	14,280	14,459	14,851	14,496	Processing, curing and preserving of fish, crustacean and molluscs
3,165	3,114	3,077	2,998	3,086	Other industry
9,719	9,524	9,754	10,740	9,806	Processing and preserving of fruits and vegetable
					Pineapple canning
548	540	548	587	543	Manufacture of jams, marmalades and table jellies
9,172	8,984	9,207	10,152	9,263	Other industry
91,201	92,217	91,634	89,531	91,381	Manufacture of vegetable and animal oils and fats
					Manufacture of crude and refined vegetable oil
4,772	4,782	4,828	4,690	4,829	Manufacture of compound cooking fats
2,662	2,653	2,697	2,669	2,689	Manufacture of coconut oil
83,767	84,782	84,109	82,172	83,863	Other industry
14,208	14,135	14,370	14,160	14,394	Manufacture of dairy products
10,041	9,963	10,234	10,182	10,271	Manufacture of condensed, powdered and evaporated milk
4,167	4,172	4,136	3,978	4,123	Other industry
11,819	11,591	11,929	11,255	11,833	Manufacture of grain mill products, starches and starch products
5,715	5,524	5,767	5,395	5,711	Rice milling
5,243	5,236	5,353	4,977	5,325	Flour milling
860	831	809	882	797	Other industry
146,602	146,141	145,892	143,154	146,911	Manufacture of other food products
15,291	15,052	14,532	14,408	14,421	Manufacture of biscuits and cookies
35,535	35,131	35,044	34,687	35,964	Manufacture of bread, cakes and other bakery products
9,904	9,845	9,868	9,574	9,838	Manufacture of snack products
1,810	1,829	1,838	1,825	1,860	Manufacture of sugar
2,380	2,405	2,424	2,530	2,484	Manufacture of cocoa products
					Manufacture of chocolate and chocolate products
8,665	8,716	8,804	8,613	8,995	Manufacture of sugar confectionery
14,959	15,091	15,459	13,897	15,404	Manufacture of sauces and condiments
18,994	18,807	18,268	18,544	18,279	Manufacture of other food products n.e.c.
39,064	39,266	39,653	39,074	39,666	Other industry
13,652	13,914	14,351	13,963	14,340	Manufacture of prepared animal feeds
16,952	17,239	17,602	17,275	17,684	Manufacture of beverages
10,826	11,025	11,123	10,989	11,072	Manufacture of soft drinks
4,176	4,234	4,446	4,260	4,580	Production of natural mineral waters and other bottled waters
1,951	1,981	2,033	2,026	2,032	Other industry
1,274	1,278	1,343	1,256	1,276	Manufacture of tobacco products
13,878	13,753	13,746	13,587	13,978	Spinning, weaving and finishing of textiles
					Preparation and spinning of textile fibres
9,309	9,339	9,391	9,591	9,519	Weaving of textiles
4,074	3,928	3,883	3,527	3,977	Dyeing, bleaching, printing and finishing of yarns and fabrics
495	486	472	469	482	Other industry
14,920	14,845	14,628	14,866	14,689	Manufacture of other textiles
5,483	5,465	5,276	5,422	5,405	Manufacture of knitted and crocheted fabrics
9,436	9,380	9,353	9,444	9,284	Other industry
43,208	43,092	44,747	44,187	44,495	Manufacture of wearing apparel, except fur apparel
31,514	31,431	32,810	32,374	32,683	Manufacture of clothings
11,693	11,661	11,936	11,813	11,812	Other industry
1,106	1,050	1,056	1,126	1,056	Manufacture of articles of fur, knitted and crocheted apparel
5,856	5,752	5,682	5,665	5,708	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,285	7,415	7,457	7,186	7,406	Manufacture of footwear
					Manufacture of leather footwear
3,682	3,741	3,600	3,687	3,571	Manufacture of rubber footwear
3,603	3,674	3,857	3,499	3,835	Other industry
24,415	24,600	24,358	24,315	25,187	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	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging	14,832	14,925	14,966	14,891	14,941	14,548
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,808	17,743	17,616	17,849	17,864	17,657
	10201 Pengetinan ikan, krustasea dan moluska						
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,874	14,747	14,642	14,851	14,874	14,690
	Industri lain	2,934	2,996	2,974	2,998	2,990	2,967
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,503	10,712	10,789	10,740	10,497	10,401
	10303 Pengetinan nanas						
	10304 Pembuatan jem, marmalad dan sajian jeli	546	601	583	587	563	567
	Industri lain	9,957	10,112	10,206	10,152	9,933	9,834
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,773	89,390	89,298	89,531	89,947	90,516
	10404 Pembuatan minyak sayuran mentah dan bertapis						
	10406 Pembuatan sebatian lemak masakan	4,426	4,588	4,604	4,690	4,682	4,666
	10405 Pembuatan minyak kelapa	2,669	2,673	2,669	2,669	2,672	2,665
	Industri lain	82,678	82,129	82,025	82,172	82,592	83,184
105	Pembuatan produk tenusu	14,023	13,937	14,144	14,160	14,266	14,003
	10502 Pembuatan susu pekat, tepung dan sejat	10,060	9,972	10,197	10,182	10,273	9,969
	Industri lain	3,962	3,964	3,947	3,978	3,993	4,034
106	Pembuatan produk bijian, kanji dan produk	11,615	11,351	11,325	11,255	11,224	11,202
	10611 Pengilangan beras	5,492	5,517	5,438	5,395	5,381	5,309
	10613 Pengilangan tepung	5,226	4,940	4,992	4,977	4,967	5,005
	Industri lain	897	893	895	882	876	888
107	Pembuatan produk makanan lain	143,476	142,916	142,155	143,154	143,362	142,049
	10711 Pembuatan biskut dan cookies	14,944	14,786	14,430	14,408	14,575	14,578
	10712 Pembuatan roti, kek dan produk bakeri lain	34,029	34,078	33,618	34,687	34,712	34,421
	10713 Pembuatan produk snek	9,784	9,626	9,581	9,574	9,624	9,671
	10721 Pembuatan gula	1,839	1,843	1,829	1,825	1,831	1,829
	10731 Pembuatan produk koko	2,653	2,647	2,569	2,530	2,420	2,403
	10732 Pembuatan coklat dan produk coklat						
	10733 Pembuatan konfeksi gula	8,761	8,708	8,682	8,613	8,638	8,562
	10793 Pembuatan sos dan bahan perasa	13,754	13,723	13,873	13,897	13,753	13,438
	10799 Pembuatan produk makanan lain t.t.t.l.	18,611	18,669	18,596	18,544	18,562	18,293
	Industri lain	39,100	38,836	38,979	39,074	39,246	38,855
108/ 10800	Pembuatan makanan haiwan tersedia	13,905	13,915	13,947	13,963	13,983	13,790
110	Pembuatan minuman ringan	17,041	17,045	17,129	17,275	17,289	17,336
	11041 Pembuatan minuman ringan	10,808	10,787	10,884	10,989	11,000	11,080
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,259	4,262	4,247	4,260	4,280	4,238
	Industri lain	1,974	1,996	1,998	2,026	2,009	2,018
120/ 12000	Pembuatan produk tembakau	1,272	1,320	1,331	1,256	1,245	1,251
131	Pemintalan, penenunan dan penyiapan tekstil	13,152	13,122	13,470	13,587	13,871	13,726
	13110 Penyediaan dan pemintalan gentian tekstil						
	13120 Penenunan tekstil	9,112	9,092	9,433	9,591	9,748	9,611
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,588	3,577	3,568	3,527	3,629	3,638
	Industri lain	453	453	469	469	494	478
139	Pembuatan tekstil lain	15,312	14,871	14,854	14,866	15,028	14,914
	13910 Pembuatan fabrik dikait dan dikrusye	5,594	5,391	5,407	5,422	5,596	5,552
	Industri lain	9,717	9,480	9,447	9,444	9,432	9,361
141	Pembuatan pakaian, kecuali pakaian berbulu	44,103	44,189	44,375	44,187	44,384	43,995
	14102 Pembuatan pakaian	32,271	32,361	32,580	32,374	32,615	32,287
	Industri lain	11,831	11,828	11,795	11,813	11,769	11,708
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,100	1,098	1,099	1,126	1,120	1,095
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,772	5,751	5,680	5,665	5,646	5,579
152	Pembuatan kasut	7,181	7,270	7,209	7,186	7,291	7,280
	15201 Pembuatan kasut kulit						
	15203 Pembuatan kasut getah	3,827	3,802	3,731	3,687	3,730	3,729
	Industri lain	3,354	3,467	3,478	3,499	3,560	3,551
161/ 16100	Pengilangan dan pengetaman kayu	24,204	23,918	24,271	24,315	24,708	24,178

2025										Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
14,629	14,631	15,288	15,250	15,222	15,265	15,393	15,084	15,194	15,359	Processing and preserving of meat
17,485	17,199	17,410	17,140	17,155	17,394	17,626	17,532	17,537	17,582	Processing and preserving of fish, crustaceans and molluscs
										Canning of fish, crustaceans and molluscs
14,481	14,025	14,245	14,105	14,014	14,280	14,536	14,434	14,459	14,496	Processing, curing and preserving of fish, crustacean and molluscs
3,004	3,173	3,165	3,035	3,141	3,114	3,091	3,098	3,077	3,086	Other industry
10,171	10,041	9,719	9,640	9,541	9,524	9,750	9,859	9,754	9,806	Processing and preserving of fruits and vegetable
										Pineapple canning
566	554	548	540	541	540	516	551	548	543	Manufacture of jams, marmalades and table jellies
9,606	9,487	9,172	9,100	9,000	8,984	9,234	9,308	9,207	9,263	Other industry
91,435	91,307	91,201	91,158	91,778	92,217	92,195	91,940	91,634	91,381	Manufacture of vegetable and animal oils and fats
										Manufacture of crude and refined vegetable oil
4,668	4,796	4,772	4,796	4,781	4,782	4,913	4,839	4,828	4,829	Manufacture of compound cooking fats
2,672	2,669	2,662	2,666	2,653	2,653	2,716	2,705	2,697	2,689	Manufacture of coconut oil
84,096	83,842	83,767	83,696	84,344	84,782	84,565	84,396	84,109	83,863	Other industry
14,033	14,216	14,208	14,158	14,173	14,135	14,075	13,947	14,370	14,394	Manufacture of dairy products
9,989	10,093	10,041	9,973	9,984	9,963	9,888	9,888	10,234	10,271	Manufacture of condensed, powdered and evaporated milk
4,044	4,123	4,167	4,185	4,189	4,172	4,187	4,059	4,136	4,123	Other industry
11,092	11,254	11,819	11,766	11,709	11,591	11,764	12,013	11,929	11,833	Manufacture of grain mill products, starches and starch products
5,282	5,391	5,715	5,664	5,567	5,524	5,667	5,800	5,767	5,711	Rice milling
4,918	4,996	5,243	5,264	5,311	5,236	5,277	5,401	5,353	5,325	Flour milling
892	866	860	838	832	831	820	812	809	797	Other industry
143,903	145,642	146,602	147,073	146,711	146,141	147,147	146,959	145,892	146,911	Manufacture of other food products
15,020	15,159	15,291	15,210	15,171	15,052	14,876	14,490	14,532	14,421	Manufacture of biscuits and cookies
35,257	35,470	35,535	35,386	35,309	35,131	35,255	35,051	35,044	35,964	Manufacture of bread, cakes and other bakery products
9,737	9,713	9,904	9,945	9,978	9,845	9,832	9,837	9,868	9,838	Manufacture of snack products
1,822	1,816	1,810	1,801	1,804	1,829	1,829	1,827	1,838	1,860	Manufacture of sugar
2,392	2,376	2,380	2,388	2,395	2,405	2,495	2,501	2,424	2,484	Manufacture of cocoa products
										Manufacture of chocolate and chocolate products
8,652	8,555	8,665	8,744	8,722	8,716	8,799	8,890	8,804	8,995	Manufacture of sugar confectionery
13,612	14,912	14,959	15,112	15,117	15,091	15,478	15,504	15,459	15,404	Manufacture of sauces and condiments
18,634	18,605	18,994	18,956	18,867	18,807	19,169	19,224	18,268	18,279	Manufacture of other food products n.e.c.
38,776	39,036	39,064	39,529	39,349	39,266	39,415	39,636	39,653	39,666	Other industry
13,759	13,873	13,652	13,783	13,833	13,914	14,303	14,308	14,351	14,340	Manufacture of prepared animal feeds
17,274	16,922	16,952	17,086	17,043	17,239	17,468	17,505	17,602	17,684	Manufacture of beverages
11,046	10,761	10,826	10,910	10,888	11,025	11,044	11,044	11,123	11,072	Manufacture of soft drinks
4,228	4,169	4,176	4,210	4,208	4,234	4,394	4,425	4,446	4,580	Production of natural mineral waters and other bottled waters
2,001	1,992	1,951	1,966	1,947	1,981	2,030	2,037	2,033	2,032	Other industry
1,245	1,179	1,274	1,275	1,265	1,278	1,287	1,333	1,343	1,276	Manufacture of tobacco products
13,822	13,831	13,878	13,731	13,762	13,753	13,724	13,545	13,746	13,978	Spinning, weaving and finishing of textiles
										Preparation and spinning of textile fibres
9,492	9,391	9,309	9,268	9,317	9,339	9,331	9,156	9,391	9,519	Weaving of textiles
3,869	3,963	4,074	3,977	3,960	3,928	3,914	3,909	3,883	3,977	Dyeing, bleaching, printing and finishing of yarns and fabrics
461	477	495	486	486	486	479	480	472	482	Other industry
14,725	14,903	14,920	14,929	14,857	14,845	14,939	14,588	14,628	14,689	Manufacture of other textiles
5,493	5,557	5,483	5,468	5,466	5,465	5,462	5,267	5,276	5,405	Manufacture of knitted and crocheted fabrics
9,232	9,346	9,436	9,461	9,391	9,380	9,478	9,321	9,353	9,284	Other industry
43,602	42,641	43,208	42,549	42,804	43,092	44,431	44,600	44,747	44,495	Manufacture of wearing apparel, except fur apparel
32,059	31,071	31,514	30,938	31,195	31,431	32,641	32,597	32,810	32,683	Manufacture of clothings
11,543	11,570	11,693	11,610	11,609	11,661	11,790	12,003	11,936	11,812	Other industry
1,091	1,077	1,106	1,050	1,056	1,050	1,056	1,056	1,056	1,056	Manufacture of articles of fur, knitted and crocheted apparel
5,615	5,690	5,856	5,851	5,821	5,752	5,750	5,752	5,682	5,708	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,210	7,175	7,285	7,370	7,426	7,415	7,411	7,541	7,457	7,406	Manufacture of footwear
										Manufacture of leather footwear
3,667	3,684	3,682	3,726	3,768	3,741	3,733	3,739	3,600	3,571	Manufacture of rubber footwear
3,543	3,492	3,603	3,644	3,658	3,674	3,677	3,802	3,857	3,835	Other industry
23,901	24,645	24,415	24,524	24,631	24,600	24,491	24,804	24,358	25,187	Sawmilling and planning of wood

Jadual 1.5a : Bilangan Pekerja Bergaji Sektor Pembuatan Mengikut Kumpulan
Table : Number of Paid Employees of Manufacturing Sector by Group

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

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
69,343	70,057	68,130	68,578	68,629	Manufacture of products of wood, cork, straw and plaiting materials
40,119	40,672	39,443	38,048	39,548	Manufacture of veneer sheets and plywood
7,236	7,176	7,063	7,012	7,059	Manufacture of particle board and fibreboard
8,782	8,510	8,583	9,597	8,552	Manufacture of builders' carpentry
13,206	13,699	13,041	13,921	13,470	Other industry
58,867	59,633	60,020	59,082	59,355	Manufacture of paper and paper products
9,061	9,576	10,133	9,276	10,139	Manufacture of pulp, paper and paperboard
23,039	23,067	22,980	22,775	22,347	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,678	1,717	1,706	1,686	1,709	Manufacture of envelopes and letter-card
11,097	11,109	10,904	11,332	10,907	Manufacture of household and personal hygiene paper
7,541	7,557	7,923	7,875	7,909	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,450	6,608	6,372	6,137	6,344	Other industry
69,023	71,820	68,785	67,899	68,776	Printing, service activities related to printing and reproduction of recorded media
56,714	58,927	56,515	55,475	56,463	Printing
12,309	12,894	12,270	12,423	12,312	Service activities related to printing
					Reproduction of recorded media
18,286	18,556	19,016	18,538	18,861	Manufacture of refined petroleum products
49,178	50,231	51,313	49,523	51,425	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
7,043	7,272	7,183	6,829	7,136	Manufacture of liquefied or compressed inorganic industrial or medical gases
19,761	20,199	20,662	19,831	20,782	Manufacture of basic organic chemicals
7,130	7,085	7,357	7,569	7,425	Manufacture of inorganic compounds
11,811	12,111	12,456	11,907	12,478	Manufacture of fertilizers
3,432	3,564	3,655	3,388	3,603	Manufacture of associated nitrogen products
53,680	54,191	54,781	55,798	54,321	Manufacture of plastics in primary forms
5,005	5,093	5,055	4,672	5,061	Other industry
9,419	9,564	9,659	9,749	9,208	Manufacture of other chemical products and man-made fibres
5,704	5,680	5,816	6,110	5,812	Manufacture of pesticides and other agrochemical products
19,131	19,182	19,893	19,773	20,027	Manufacture of paints, varnishes and similar coatings ink and mastics
					Manufacture of printing ink
					Manufacture of soap and detergents, cleaning and polishing preparations
					Manufacture of perfumes and toilet preparations
14,181	14,430	14,106	15,211	13,959	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
					Manufacture of writing and drawing ink
240	240	252	282	254	Manufacture of other chemical products n.e.c.
29,377	28,795	27,877	28,522	29,168	Manufacture of pharmaceuticals, medicinal chemical and botanical products
20,577	20,296	19,334	19,871	20,641	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,801	8,498	8,543	8,652	8,527	Other industry
115,321	114,605	111,798	114,288	110,616	Manufacture of rubber products
6,586	6,537	6,501	6,860	6,475	Manufacture of rubber tyres for vehicles
2,479	2,468	2,498	2,554	2,454	Manufacture of interchangeable tyre treads and retreading rubber tyres
17,804	17,566	17,409	19,216	17,317	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
					Rubber remilling and latex processing
55,956	55,571	53,566	53,407	52,486	Manufacture of rubber gloves
32,496	32,463	31,824	32,251	31,884	Manufacture of other rubber products n.e.c.
167,284	167,831	167,103	166,306	169,416	Manufacture of plastics products
39,040	38,825	38,877	39,064	39,790	Manufacture of semi-manufactures of plastic products
					Manufacture of finished plastic products
54,387	54,379	53,935	53,721	54,775	Manufacture of plastic articles for the packing of goods
3,784	3,865	3,814	3,744	3,849	Manufacture of builders' plastics ware
14,397	14,407	14,215	14,733	14,199	Manufacture of plastic tableware, kitchenware and toilet articles
55,677	56,355	56,262	55,045	56,803	Manufacture of diverse plastic products n.e.c.
22,541	21,793	21,450	21,294	21,578	Manufacture of glass and glass products

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	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	69,268	69,320	67,760	68,578	69,747	69,742
16211	Pembuatan kepingan venier dan papan lapis	38,924	38,998	37,829	38,048	38,937	39,264
16212	Pembuatan papan partikel dan papan gentian	6,921	7,077	7,008	7,012	7,314	7,317
16221	Pertukangan kayu untuk jurubina	9,739	9,692	9,627	9,597	9,564	9,443
	Industri lain	13,684	13,554	13,296	13,921	13,932	13,719
170	Pembuatan kertas dan produk kertas	59,457	59,910	59,848	59,082	58,102	58,041
17010	Pembuatan pulpa, kertas dan kertas tebal	9,333	9,357	9,297	9,276	8,772	8,753
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	23,312	23,406	23,403	22,775	22,731	22,740
17091	Pembuatan sampul surat dan kad surat	1,768	1,768	1,715	1,686	1,689	1,675
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	11,397	11,420	11,361	11,332	10,884	10,882
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	7,512	7,832	7,856	7,875	7,843	7,854
	Industri lain	6,134	6,127	6,215	6,137	6,182	6,137
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	68,570	68,558	68,381	67,899	68,016	68,032
18110	Percetakan	56,145	56,099	56,011	55,475	55,460	55,417
18120 &	Aktiviti perkhidmatan berkaitan percetakan	12,424	12,460	12,370	12,423	12,556	12,615
18200	Penerbitan semula media rakaman						
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	18,245	18,511	18,821	18,538	18,340	18,324
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	48,215	48,536	49,133	49,523	49,143	48,962
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	6,531	6,520	6,818	6,829	6,921	6,938
20112 &	Pembuatan kimia organik asas	19,246	19,452	19,676	19,831	19,624	19,527
20113	Pembuatan sebatian bukan organik						
20121 &	Pembuatan baja	7,363	7,360	7,397	7,569	7,336	7,327
20129	Pembuatan produk campuran nitrogen						
20131	Pembuatan plastik dalam bentuk primer	11,738	11,855	11,866	11,907	11,882	11,793
	Industri lain	3,337	3,350	3,377	3,388	3,379	3,377
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	55,744	55,915	56,350	55,798	55,900	55,669
20210	Pembuatan racun perosak dan produk agrokimia lain	4,655	4,629	4,643	4,672	4,700	4,691
20221	Pembuatan cat, varnis dan penyadur dan mastik	9,854	9,874	10,133	9,749	9,712	9,706
20222	Pembuatan dakwat cetak	5,968	5,957	6,068	6,110	6,084	6,094
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	19,489	19,756	19,883	19,773	19,937	19,772
20232	Pembuatan pewangi dan penyediaan dandanan diri						
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	15,505	15,419	15,334	15,211	15,187	15,132
20292 &	Pembuatan dakwat menulis dan melukis						
20299	Pembuatan produk kimia lain t.t.t.l.						
	Industri lain	273	280	288	282	280	273
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	27,305	27,303	27,334	28,522	28,114	28,060
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	18,859	18,831	18,758	19,871	19,383	19,397
	Industri lain	8,446	8,472	8,576	8,652	8,730	8,662
221	Pembuatan produk getah	116,188	115,900	115,414	114,288	113,842	110,997
22111	Pembuatan tayar getah untuk kenderaan	6,834	6,787	6,761	6,860	6,825	6,736
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2,571	2,581	2,566	2,554	2,550	2,490
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	18,842	18,961	18,997	19,216	19,132	19,213
22193	Pengilangan semula getah dan prosesan susu getah						
22192	Pembuatan sarung tangan getah	55,205	55,242	54,956	53,407	53,068	51,979
22199	Pembuatan produk getah lain yang t.t.t.l.	32,736	32,329	32,134	32,251	32,266	30,578
222	Pembuatan produk plastik	164,713	164,009	163,740	166,306	167,104	165,999
22201 &	Pembuatan produk plastik separa siap	38,153	38,275	37,765	39,064	39,436	38,681
22202	Pembuatan produk plastik siap						
22203	Pembuatan artikel plastik untuk pembungkusan barangan	53,552	53,375	53,214	53,721	53,690	53,279
22204	Pembuatan barangan plastik jurubina	3,729	3,699	3,699	3,744	3,761	3,752
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	14,657	14,639	14,756	14,733	14,719	14,749
22209	Pembuatan pelbagai produk plastik t.t.t.l.	54,622	54,021	54,306	55,045	55,499	55,539
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	20,798	20,939	21,080	21,294	22,204	22,378

2025										Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
70,073	68,634	69,343	69,794	70,816	70,057	69,229	69,120	68,130	68,629	Manufacture of products of wood, cork, straw and plaiting materials
39,783	39,326	40,119	40,254	41,213	40,672	39,933	39,997	39,443	39,548	Manufacture of veneer sheets and plywood
7,247	7,212	7,236	7,276	7,186	7,176	7,131	7,097	7,063	7,059	Manufacture of particle board and fibreboard
9,432	8,803	8,782	8,725	8,726	8,510	8,648	8,653	8,583	8,552	Manufacture of builders' carpentry
13,611	13,293	13,206	13,539	13,692	13,699	13,517	13,373	13,041	13,470	Other industry
57,797	58,093	58,867	59,728	59,564	59,633	59,654	60,260	60,020	59,355	Manufacture of paper and paper products
8,789	9,065	9,061	9,270	9,229	9,576	9,918	10,185	10,133	10,139	Manufacture of pulp, paper and paperboard
22,431	22,563	23,039	23,335	23,261	23,067	22,959	23,031	22,980	22,347	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,684	1,686	1,678	1,689	1,717	1,717	1,722	1,713	1,706	1,709	Manufacture of envelopes and letter-card
10,703	10,679	11,097	11,253	11,151	11,109	11,012	10,952	10,904	10,907	Manufacture of household and personal hygiene paper
7,892	7,607	7,541	7,548	7,469	7,557	7,534	7,909	7,923	7,909	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,298	6,492	6,450	6,633	6,737	6,608	6,509	6,469	6,372	6,344	Other industry
68,063	69,364	69,023	70,855	71,857	71,820	68,958	69,056	68,785	68,776	Printing, service activities related to printing and reproduction of recorded media
55,378	56,784	56,714	58,114	59,102	58,927	56,528	56,685	56,515	56,463	Printing
12,686	12,580	12,309	12,741	12,755	12,894	12,430	12,371	12,270	12,312	Service activities related to printing
										Reproduction of recorded media
18,405	18,459	18,286	18,537	18,614	18,556	18,603	18,857	19,016	18,861	Manufacture of refined petroleum products
48,889	49,439	49,178	49,911	50,235	50,231	50,397	50,981	51,313	51,425	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
6,966	6,982	7,043	7,079	7,277	7,272	7,264	7,198	7,183	7,136	Manufacture of liquefied or compressed inorganic industrial or medical gases
19,587	19,840	19,761	20,165	20,135	20,199	20,107	20,619	20,662	20,782	Manufacture of basic organic chemicals
										Manufacture of inorganic compounds
										Manufacture of fertilizers
7,312	7,335	7,130	7,175	7,235	7,085	7,166	7,158	7,357	7,425	Manufacture of associated nitrogen products
11,633	11,844	11,811	11,961	12,070	12,111	12,303	12,410	12,456	12,478	Manufacture of plastics in primary forms
3,391	3,439	3,432	3,531	3,518	3,564	3,558	3,597	3,655	3,603	Other industry
54,842	54,795	53,680	54,027	54,072	54,191	54,103	54,458	54,781	54,321	Manufacture of other chemical products and man-made fibres
4,683	4,877	5,005	5,099	5,099	5,093	5,057	5,038	5,055	5,061	Manufacture of pesticides and other agrochemical products
9,601	9,565	9,419	9,421	9,467	9,564	9,446	9,491	9,659	9,208	Manufacture of paints, varnishes and similar coatings ink and mastics
5,658	5,679	5,704	5,696	5,692	5,680	5,725	5,709	5,816	5,812	Manufacture of printing ink
19,639	19,758	19,131	19,204	19,218	19,182	19,319	19,766	19,893	20,027	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
14,991	14,661	14,181	14,365	14,356	14,430	14,315	14,210	14,106	13,959	Manufacture of writing and drawing ink
										Manufacture of other chemical products n.e.c.
270	255	240	242	239	240	242	245	252	254	Other industry
28,554	29,409	29,377	29,526	28,793	28,795	28,111	27,956	27,877	29,168	Manufacture of pharmaceuticals, medicinal chemical and botanical products
19,739	20,583	20,577	20,622	20,296	20,296	19,555	19,356	19,334	20,641	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,815	8,826	8,801	8,904	8,496	8,498	8,555	8,600	8,543	8,527	Other industry
111,326	114,375	115,321	115,258	114,762	114,605	113,329	112,610	111,798	110,616	Manufacture of rubber products
6,623	6,577	6,586	6,558	6,595	6,537	6,503	6,538	6,501	6,475	Manufacture of rubber tyres for vehicles
2,515	2,468	2,479	2,525	2,471	2,468	2,498	2,507	2,498	2,454	Manufacture of interchangeable tyre treads and retreading rubber tyres
19,159	18,060	17,804	17,692	17,596	17,566	17,430	17,363	17,409	17,317	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
										Rubber remilling and latex processing
52,129	55,182	55,956	55,653	55,575	55,571	54,214	54,046	53,566	52,486	Manufacture of rubber gloves
30,899	32,088	32,496	32,831	32,525	32,463	32,684	32,155	31,824	31,884	Manufacture of other rubber products n.e.c.
169,568	167,163	167,284	167,656	169,184	167,831	168,055	167,549	167,103	169,416	Manufacture of plastics products
										Manufacture of semi-manufactures of plastic products
38,716	38,939	39,040	38,895	39,045	38,825	38,933	39,006	38,877	39,790	Manufacture of finished plastic products
53,356	53,552	54,387	54,824	54,670	54,379	54,219	54,117	53,935	54,775	Manufacture of plastic articles for the packing of goods
3,715	3,717	3,784	3,814	3,855	3,865	3,809	3,826	3,814	3,849	Manufacture of builders' plastics ware
14,794	14,759	14,397	14,434	14,427	14,407	14,318	14,271	14,215	14,199	Manufacture of plastic tableware, kitchenware and toilet articles
58,987	56,196	55,677	55,688	57,187	56,355	56,775	56,328	56,262	56,803	Manufacture of diverse plastic products n.e.c.
21,729	22,497	22,541	22,212	21,936	21,793	21,595	21,469	21,450	21,578	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	
				Q1	Q2
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	88,491	87,598	84,706	85,089
23911	Pembuatan mortar refraktori dan konkrit				
&		9,801	9,203	9,010	8,758
23921	Pembuatan seramik bukan refraktori				
23930	Pembuatan produk porselin dan seramik lain	4,467	4,141	4,364	4,290
23941	Pembuatan simen hidrolik	7,374	7,458	7,153	7,107
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	16,934	17,049	16,016	16,317
23952	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;				
&		31,244	29,738	29,317	29,654
23953	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.	9,737	10,706	9,690	9,621
	Industri lain	8,934	9,303	9,157	9,342
241					
(24101 &					
24102 &	Pembuatan besi dan keluli asas	57,448	59,399	57,788	57,789
24103 &					
24104 &					
24109)					
242					
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	40,119	38,810	40,203	39,877
24202 &					
24209)					
243	Pengacuan logam	14,589	14,962	15,168	14,518
251 &	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	60,999	62,441	61,607	61,803
252					
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan				
&	pintu pagar daripada logam	42,207	44,351	42,492	42,637
25119	Pembuatan produk struktur logam lain				
25120	Pembuatan tangki, takungan dan kontena daripada logam	10,497	9,957	10,676	10,801
	Industri lain	8,295	8,133	8,440	8,364
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	104,424	106,738	105,871	103,981
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	22,087	22,871	21,514	21,169
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,612	9,978	12,241	11,264
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	8,120	9,196	8,434	8,385
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam				
&		20,973	20,968	21,381	21,100
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya				
25994	Pembuatan barangan rumah daripada logam	3,615	3,719	3,559	3,309
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	25,279	26,814	25,516	25,412
	Industri lain	12,738	13,193	13,226	13,343
261	Pembuatan komponen dan papan elektronik	238,894	233,680	230,131	235,558
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya				
&		128,999	126,572	124,881	126,870
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro				
26103	Pembuatan kapasitor dan perintang elektrik				
&		95,182	92,833	90,605	93,978
26104	Pembuatan papan litar bercetak				
&					
26105	Pembuatan komponen paparan				
26109	Pembuatan komponen lain untuk aplikasi elektronik	14,712	14,274	14,644	14,709
262					
(26201 &	Pembuatan komputer dan kelengkapan peranti	67,464	72,136	67,910	69,261
26202)					
263/					
26300	Pembuatan peralatan komunikasi	26,319	27,447	26,073	26,616
264/					
26400	Pembuatan peralatan elektronik pengguna	36,292	37,992	35,649	35,906
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	31,691	33,196	32,011	33,332
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan				
&		24,642	25,853	24,815	26,080
26512	Pembuatan kelengkapan kawalan proses perindustrian				
26520	Pembuatan jam tangan dan jam dan bahagiannya	7,049	7,343	7,196	7,252
266/					
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	12,708	12,778	12,236	12,264

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
87,310	87,598	87,230	85,274	88,079	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
8,766	9,203	9,090	8,955	9,075	Manufacture of non-refractory ceramic
4,339	4,141	4,141	4,309	4,113	Manufacture of other porcelain and ceramic products
7,396	7,458	7,576	7,155	7,556	Manufacture of hydraulic cement
16,861	17,049	16,399	16,009	16,626	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,910	29,738	30,062	29,871	30,737	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
10,713	10,706	10,654	9,660	10,594	Manufacture of other articles of concrete, cement and plaster n.e.c.
9,324	9,303	9,309	9,314	9,379	Manufacture of other non-metallic mineral products n.e.c. Other industry
59,261	59,399	58,976	57,698	58,802	Manufacture of basic iron and steel
38,905	38,810	39,083	40,069	39,266	Manufacture of basic precious and other non-ferrous metals
14,935	14,962	15,638	15,143	15,618	Casting of metals
62,170	62,441	64,114	61,490	64,243	Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition
43,590	44,351	45,968	42,482	45,744	Manufacture of metal doors, windows and their frames, shutters and gates Manufacture of other structural metal products
10,249	9,957	9,968	10,702	10,262	Manufacture of tanks, reservoirs and containers of metal
8,331	8,133	8,178	8,306	8,237	Other industry
106,362	106,738	106,125	105,095	105,875	Manufacture of other fabricated metal products; metal working service activities Forging, pressing, stamping and roll-forming of metal; powder metallurgy
22,873	22,871	22,353	21,480	22,651	Treatment and coating of metals; machining
9,981	9,978	9,906	11,687	9,427	Manufacture of tins and cans for food products, collapsible tubes and boxes
9,129	9,196	9,310	8,367	9,289	Manufacture of metal cable, plaited bands and similar articles
21,283	20,968	20,794	21,310	20,683	Manufacture of bolts, screws, nuts and similar threaded products
3,346	3,719	3,631	3,525	3,671	Manufacture of metal household articles
26,431	26,814	26,743	25,654	26,929	Manufacture of any other fabricated metal products n.e.c.
13,320	13,193	13,387	13,072	13,226	Other industry
234,153	233,680	227,985	232,987	231,371	Manufacture of electronic components and boards Manufacture of diodes, transistors and similar semiconductor devices
126,335	126,572	122,600	126,875	124,648	Manufacture of electronic integrated circuits micro assemblies
					Manufacture of electrical capacitors and resistors
93,391	92,833	90,736	91,549	92,089	Manufacture of printed circuit boards
					Manufacture of display components
14,427	14,274	14,649	14,563	14,634	Manufacture of other components for electronic applications
70,506	72,136	72,429	67,698	72,115	Manufacture of computers and peripheral equipment
27,355	27,447	27,716	26,365	27,922	Manufacture of communication equipment
37,677	37,992	36,684	35,077	36,001	Manufacture of consumer electronics
32,949	33,196	32,853	32,052	33,092	Manufacture of measuring, testing, navigating and control equipment; watches and clocks Manufacture of measuring, testing, navigating and control equipment Manufacture of industrial process control equipment
25,495	25,853	25,796	24,941	26,186	Manufacture of watches and clocks and parts
7,454	7,343	7,057	7,111	6,906	Manufacture of watches and clocks and parts
12,643	12,778	12,412	12,194	12,353	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	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	86,363	84,916	84,706	85,274	84,968	85,089
23911 & 23921	Pembuatan mortar refraktori dan konkrit	9,260	9,087	9,010	8,955	8,736	8,758
23930	Pembuatan seramik bukan refraktori	4,393	4,317	4,364	4,309	4,295	4,290
23941	Pembuatan produk porselin dan seramik lain	7,443	7,420	7,153	7,155	7,144	7,107
23951	Pembuatan simen hidrolik	16,968	15,943	16,016	16,009	16,180	16,317
23952 & 23953	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan	29,282	29,152	29,317	29,871	29,460	29,654
23959 & 23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	9,843	9,826	9,690	9,660	9,892	9,621
	Pembuatan produk mineral bukan logam lain t.t.t.l.	9,174	9,171	9,157	9,314	9,263	9,342
241 (24101 & 24102 & 24103 & 24104 & 24109)	Industri lain						
242 (24201 & 24202 & 24209)	Pembuatan besi dan keluli asas	57,986	57,243	57,788	57,698	57,684	57,789
243	Pembuatan logam asas berharga dan logam bukan ferus lain	40,581	40,307	40,203	40,069	39,987	39,877
251 & 252	Pengacuan logam	14,965	15,266	15,168	15,143	15,031	14,518
25113 & 25119	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	61,110	60,874	61,607	61,490	61,185	61,803
25120	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	42,022	41,860	42,492	42,482	41,995	42,637
	Pembuatan produk struktur logam lain	10,690	10,717	10,676	10,702	10,805	10,801
	Industri lain	8,397	8,297	8,440	8,306	8,385	8,364
259	Pembuatan tangki, takungan dan kontena daripada logam	105,606	105,475	105,871	105,095	105,356	103,981
25910	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	22,075	21,429	21,514	21,480	21,533	21,169
25920	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	11,827	11,836	12,241	11,687	11,536	11,264
25991	Rawatan dan penyalutan logam; menggunakan mesin	8,517	8,362	8,434	8,367	8,408	8,385
25992 & 25993	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	21,450	21,472	21,381	21,310	21,337	21,100
	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam						
	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	3,600	3,604	3,559	3,525	3,525	3,309
25994	Pembuatan barangan rumah daripada logam	25,376	25,452	25,516	25,654	25,800	25,412
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	12,762	13,320	13,226	13,072	13,216	13,343
	Industri lain						
261	Pembuatan komponen dan papan elektronik	235,495	231,534	230,131	232,987	234,698	235,558
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	127,090	125,267	124,881	126,875	126,954	126,870
26103 & 26104	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	93,640	91,486	90,605	91,549	93,158	93,978
26105	Pembuatan kapasitor dan perintang elektrik						
26109	Pembuatan papan litar bercetak	14,765	14,781	14,644	14,563	14,587	14,709
	Pembuatan komponen paparan						
	Pembuatan komponen lain untuk aplikasi elektronik						
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	67,223	67,423	67,910	67,698	68,606	69,261
263/ 26300	Pembuatan peralatan komunikasi	26,117	25,981	26,073	26,365	26,655	26,616
264/ 26400	Pembuatan peralatan elektronik pengguna	35,644	35,535	35,649	35,077	35,941	35,906
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	31,823	31,940	32,011	32,052	32,589	33,332
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	24,764	24,865	24,815	24,941	25,412	26,080
26520	Pembuatan kelengkapan kawalan proses perindustrian	7,059	7,076	7,196	7,111	7,177	7,252
	Pembuatan jam tangan dan jam dan bahagiannya						
266/ 26600	Pembuatan jam tangan dan jam dan bahagiannya	12,273	12,234	12,236	12,194	12,228	12,264
	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik						

2025										Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
86,462	86,714	87,310	87,672	87,890	87,598	87,966	86,992	87,230	88,079	Manufacture of non-metallic mineral products n.e.c.
										Manufacture of refractory mortars and concretes
8,687	8,666	8,766	9,124	9,217	9,203	9,092	9,052	9,090	9,075	Manufacture of non-refractory ceramic
4,393	4,506	4,339	4,264	4,203	4,141	4,120	4,175	4,141	4,113	Manufacture of other porcelain and ceramic products
7,453	7,444	7,396	7,447	7,433	7,458	7,546	7,522	7,576	7,556	Manufacture of hydraulic cement
16,631	16,631	16,861	16,995	17,029	17,049	17,406	16,335	16,399	16,626	Manufacture of ready-mix and dry-mix concrete and mortars
										Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,628	29,646	29,910	29,912	29,863	29,738	29,834	29,939	30,062	30,737	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.
10,194	10,521	10,713	10,621	10,710	10,706	10,710	10,651	10,654	10,594	Manufacture of other non-metallic mineral products n.e.c.
9,477	9,301	9,324	9,309	9,435	9,303	9,257	9,318	9,309	9,379	Other industry
57,545	57,988	59,261	59,210	59,230	59,399	59,693	59,073	58,976	58,802	Manufacture of basic iron and steel
39,520	39,063	38,905	38,737	38,672	38,810	39,036	39,199	39,083	39,266	Manufacture of basic precious and other non-ferrous metals
15,110	14,842	14,935	15,124	15,027	14,962	15,413	15,472	15,638	15,618	Casting of metals
61,788	62,466	62,170	62,012	61,028	62,441	62,982	62,509	64,114	64,243	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
										Manufacture of metal doors, windows and their frames, shutters and gates
42,574	44,220	43,590	43,783	42,859	44,351	44,578	44,207	45,968	45,744	Manufacture of other structural metal products
10,830	9,784	10,249	10,059	10,031	9,957	10,084	10,084	9,968	10,262	Manufacture of tanks, reservoirs and containers of metal
8,385	8,461	8,331	8,170	8,138	8,133	8,319	8,218	8,178	8,237	Other industry
104,485	106,778	106,362	105,783	105,541	106,738	106,763	106,922	106,125	105,875	Manufacture of other fabricated metal products; metal working service activities
										Forging, pressing, stamping and roll-forming of metal; powder metallurgy
21,836	22,644	22,873	22,714	22,477	22,871	23,149	23,136	22,353	22,651	Treatment and coating of metals; machining
11,120	10,059	9,981	9,846	9,858	9,978	9,939	9,957	9,906	9,427	Manufacture of tins and cans for food products, collapsible tubes and boxes
8,500	9,275	9,129	9,276	9,172	9,196	9,285	9,298	9,310	9,289	Manufacture of metal cable, plaited bands and similar articles
										Manufacture of bolts, screws, nuts and similar threaded products
20,722	21,494	21,283	21,048	21,058	20,968	20,987	20,906	20,794	20,683	
3,291	3,283	3,346	3,397	3,720	3,719	3,693	3,684	3,631	3,671	Manufacture of metal household articles
25,443	26,484	26,431	26,191	26,050	26,814	26,539	26,633	26,743	26,929	Manufacture of any other fabricated metal products n.e.c.
13,573	13,539	13,320	13,312	13,207	13,193	13,172	13,307	13,387	13,226	Other industry
227,849	226,910	234,153	235,253	234,726	233,680	229,185	227,464	227,985	231,371	Manufacture of electronic components and boards
										Manufacture of diodes, transistors and similar semiconductor devices
122,340	120,744	126,335	126,803	126,374	126,572	123,421	121,495	122,600	124,648	Manufacture of electronic integrated circuits micro assemblies
										Manufacture of electrical capacitors and resistors
90,764	91,642	93,391	94,057	93,998	92,833	91,316	91,498	90,736	92,089	Manufacture of printed circuit boards
										Manufacture of display components
14,744	14,524	14,427	14,392	14,354	14,274	14,448	14,471	14,649	14,634	Manufacture of other components for electronic applications
68,949	70,250	70,506	71,060	71,993	72,136	71,506	71,516	72,429	72,115	Manufacture of computers and peripheral equipment
26,228	27,322	27,355	27,547	27,650	27,447	27,607	27,562	27,716	27,922	Manufacture of communication equipment
36,048	35,823	37,677	37,418	39,362	37,992	37,411	37,212	36,684	36,001	Manufacture of consumer electronics
32,463	31,941	32,949	33,281	33,287	33,196	32,857	32,926	32,853	33,092	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
										Manufacture of measuring, testing, navigating and control equipment
25,212	24,764	25,495	25,902	25,908	25,853	25,686	25,772	25,796	26,186	Manufacture of industrial process control equipment
7,251	7,177	7,454	7,380	7,379	7,343	7,171	7,154	7,057	6,906	Manufacture of watches and clocks and parts
11,713	12,231	12,643	12,718	12,748	12,778	12,502	12,524	12,412	12,353	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	
				Q1	Q2
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,915	5,497	5,855	5,740
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,800	44,383	43,055	42,848
27101	Pembuatan motor elektrik, penjana dan transformer	18,737	18,922	18,827	18,933
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,064	25,460	24,229	23,915
272/ 27200	Pembuatan bateri dan akumulator	8,671	8,321	8,775	8,692
273	Pembuatan pendawaian dan peranti pendawaian	23,530	24,520	23,981	23,726
27310	Pembuatan kabel gentian optikal	969	1,029	968	1,024
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	20,980	21,902	21,442	21,105
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,581	1,590	1,571	1,597
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,934	4,115	4,007	4,013
275/ 27500	Pembuatan perkakasan domestik	14,766	13,735	15,468	15,175
279/ 27900	Pembuatan kelengkapan elektrik lain	7,709	7,919	7,630	7,587
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	93,994	95,294	94,976	96,215
28120 & 28130	Pembuatan alat-alat kuasa bendalir	6,346	5,407	5,958	5,873
28180 & 28220	Pembuatan pam, pemampat, kepala paip dan injap lain				
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	22,759	23,013	22,920	23,750
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
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	8,427	8,710	8,529	8,573
	Industri lain	47,621	49,485	48,558	49,329
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,665	25,223	24,734	24,577
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,712	9,114	8,387	8,169
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,237	53,458	51,853	54,479
301 (30110 & 30120)	Pembinaan kapal dan bot	15,257	15,041	15,150	14,917
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.	29,049	29,938	29,451	29,677
30910	Pembuatan motosikal	12,956	13,901	13,186	13,109
30920	Pembuatan basikal dan <i>invalid carriages</i>	1,579	1,707	1,485	1,617
	Industri lain	14,514	14,330	14,780	14,951
310	Pembuatan perabot	81,979	83,470	83,395	83,335
31001	Pembuatan perabot kayu dan rotan	62,863	64,306	63,535	63,632
	Industri lain	19,116	19,163	19,861	19,703
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	5,665	4,813	5,726	5,462
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
32901	Pembuatan alat tulis	6,097	6,181	5,999	5,863
	Industri lain	22,107	23,081	22,289	22,291
323/ 32300	Pembuatan barangan sukan	2,108	1,931	2,351	2,382
324/ 32400	Pembuatan permainan dan mainan	4,999	4,998	4,963	4,975
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	43,843	43,938	44,429	43,757
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,256	7,227	7,560	7,478
	Industri lain	36,587	36,711	36,869	36,278
Jumlah Pembuatan		2,374,557	2,398,863	2,363,344	2,369,595

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
5,570	5,497	5,592	5,930	5,623	Manufacture of optical instruments, photographic equipment, magnetic and optical media
44,686	44,383	44,288	42,930	44,027	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
19,612	18,922	19,080	18,875	19,097	Manufacture of electric motors, generators and transformers
25,074	25,460	25,208	24,055	24,930	Manufacture of electricity distribution and control apparatus
8,475	8,321	8,038	8,756	7,991	Manufacture of batteries and accumulators
24,056	24,520	25,011	23,986	25,354	Manufacture of wiring and wiring devices
1,000	1,029	1,041	989	1,052	Manufacture of fibre optic cables
21,431	21,902	22,371	21,414	22,717	Manufacture of other electronic and electric wires and cables
1,626	1,590	1,599	1,582	1,585	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,079	4,115	3,825	3,901	3,817	Manufacture of electric lighting equipment
13,892	13,735	14,072	15,379	14,128	Manufacture of domestic appliances
7,752	7,919	7,898	7,607	7,881	Manufacture of other electrical equipment
95,747	95,294	96,119	95,061	96,343	Manufacture of general-purpose and special-purpose machinery
5,807	5,407	5,344	5,974	5,350	Manufacture of fluid power equipment
					Manufacture of other pumps, compressors, taps and valves
22,811	23,013	23,041	23,014	23,115	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
8,631	8,679	8,827	9,222	8,795	Manufacture of metal-forming machinery and machine tools
8,588	8,710	8,879	8,479	8,822	Manufacture of air-conditioning machines, including for motor vehicles
49,910	49,485	50,028	48,373	50,262	Manufacture of other special-purpose machinery n.e.c.
					Other industry
25,268	25,223	24,369	24,755	24,530	Manufacture of motor vehicles
9,168	9,114	8,895	8,356	8,831	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
53,321	53,458	51,628	55,315	55,209	Manufacture of parts and accessories for motor vehicles
14,779	15,041	14,642	14,962	14,631	Building of ships and boats
30,152	29,938	30,300	29,490	30,135	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
13,747	13,901	14,223	13,207	14,164	Manufacture of motorcycles
1,673	1,707	1,623	1,486	1,609	Manufacture of bicycles and invalid carriages
14,732	14,330	14,454	14,798	14,362	Other industry
83,263	83,470	83,964	85,027	85,455	Manufacture of furniture
63,849	64,306	64,209	65,077	65,269	Manufacture of wooden and cane furniture
19,415	19,163	19,755	19,951	20,186	Other industry
5,162	4,813	5,002	5,618	4,888	Manufacture of jewellery, bijouterie and related articles
29,219	29,262	29,912	28,061	29,697	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
6,226	6,181	6,223	6,032	6,235	Manufacture of stationery
22,993	23,081	23,689	22,030	23,461	Other industry
1,978	1,931	2,066	2,402	2,066	Manufacture of sports goods
4,918	4,998	4,971	4,935	4,940	Manufacture of games and toys
43,700	43,938	45,100	44,148	44,922	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
7,331	7,227	7,407	7,589	7,447	Repair and maintenance of transport equipment except motorcycles and bicycles
36,369	36,711	37,693	36,559	37,475	Other industry
2,391,104	2,398,863	2,388,492	2,372,596	2,400,435	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	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,678	5,718	5,855	5,930	5,794	5,740
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,821	43,094	43,055	42,930	43,210	42,848
27101	Pembuatan motor elektrik, penjana dan transformer	18,722	18,703	18,827	18,875	19,029	18,933
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,099	24,390	24,229	24,055	24,181	23,915
272/ 27200	Pembuatan bateri dan akumulator	8,677	8,792	8,775	8,756	8,793	8,692
273	Pembuatan pendawaian dan peranti pendawaian	23,984	23,927	23,981	23,986	23,985	23,726
27310	Pembuatan kabel gentian optikal	969	965	968	989	1,003	1,024
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	21,421	21,374	21,442	21,414	21,400	21,105
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,594	1,588	1,571	1,582	1,582	1,597
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,976	3,872	4,007	3,901	3,938	4,013
275/ 27500	Pembuatan perkakasan domestik	14,858	14,697	15,468	15,379	15,364	15,175
279/ 27900	Pembuatan kelengkapan elektrik lain	7,734	7,657	7,630	7,607	7,617	7,587
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	94,750	95,978	94,976	95,061	94,429	96,215
28120 & 28130	Pembuatan alat-alat kuasa bendalir	5,997	5,992	5,958	5,974	5,995	5,873
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	23,198	23,887	22,920	23,014	22,891	23,750
28192	Pembuatan jentera pembentukan logam dan alatan mesin						
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	9,034	9,039	9,010	9,222	8,700	8,691
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,450	8,489	8,529	8,479	8,536	8,573
		48,070	48,571	48,558	48,373	48,307	49,329
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,698	25,619	24,734	24,755	24,536	24,577
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,550	8,469	8,387	8,356	8,367	8,169
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,768	53,222	51,853	55,315	54,799	54,479
301 (30110 & 30120)	Pembinaan kapal dan bot	15,401	15,387	15,150	14,962	14,919	14,917
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.	29,327	29,205	29,451	29,490	29,735	29,677
30910	Pembuatan motosikal	12,902	12,857	13,186	13,207	13,124	13,109
30920	Pembuatan basikal dan invalid carriages	1,543	1,512	1,485	1,486	1,561	1,617
	Industri lain	14,882	14,837	14,780	14,798	15,050	14,951
310	Pembuatan perabot	82,638	83,028	83,395	85,027	84,819	83,335
31001	Pembuatan perabot kayu dan rotan	62,863	63,139	63,535	65,077	65,036	63,632
	Industri lain	19,775	19,889	19,861	19,951	19,783	19,703
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,692	5,546	5,726	5,618	5,685	5,462
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,053	28,306	28,288	28,061	28,063	28,153
32901	Pembuatan alat tulis	5,979	6,015	5,999	6,032	5,838	5,863
	Industri lain	22,074	22,291	22,289	22,030	22,226	22,291
323/ 32300	Pembuatan barangan sukan	2,156	2,162	2,351	2,402	2,419	2,382
324/ 32400	Pembuatan permainan dan mainan	4,933	4,967	4,963	4,935	4,963	4,975
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	44,459	44,254	44,429	44,148	44,174	43,757
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,476	7,516	7,560	7,589	7,434	7,478
	Industri lain	36,983	36,739	36,869	36,559	36,740	36,278
Jumlah Pembuatan		2,372,913	2,365,000	2,363,344	2,372,596	2,377,714	2,369,595

2025										Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
5,603	5,523	5,570	5,523	5,511	5,497	5,491	5,514	5,592	5,623	Manufacture of optical instruments, photographic equipment, magnetic and optical media
44,533	44,840	44,686	45,552	44,459	44,383	44,245	44,388	44,288	44,027	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
19,092	19,643	19,612	19,480	18,997	18,922	18,974	18,986	19,080	19,097	Manufacture of electric motors, generators and transformers
25,441	25,197	25,074	26,072	25,461	25,460	25,271	25,402	25,208	24,930	Manufacture of electricity distribution and control apparatus
8,581	8,622	8,475	8,458	8,421	8,321	8,587	8,525	8,038	7,991	Manufacture of batteries and accumulators
23,515	23,985	24,056	24,596	24,559	24,520	24,864	24,925	25,011	25,354	Manufacture of wiring and wiring devices
1,005	997	1,000	1,023	1,028	1,029	1,029	1,039	1,041	1,052	Manufacture of fibre optic cables
20,980	21,356	21,431	21,947	21,966	21,902	22,245	22,297	22,371	22,717	Manufacture of other electronic and electric wires and cables
1,530	1,632	1,626	1,626	1,565	1,590	1,590	1,590	1,599	1,585	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,098	4,076	4,079	4,121	4,124	4,115	4,003	3,890	3,825	3,817	Manufacture of electric lighting equipment
14,856	14,582	13,892	13,852	13,739	13,735	13,955	13,931	14,072	14,128	Manufacture of domestic appliances
7,544	7,739	7,752	7,784	7,880	7,919	7,942	7,906	7,898	7,881	Manufacture of other electrical equipment
96,394	96,165	95,747	95,906	96,215	95,294	95,709	97,213	96,119	96,343	Manufacture of general-purpose and special-purpose machinery
5,911	5,915	5,807	5,885	5,834	5,407	5,391	5,394	5,344	5,350	Manufacture of fluid power equipment
23,517	23,150	22,811	22,984	23,271	23,013	23,430	24,106	23,041	23,115	Manufacture of other pumps, compressors, taps and valves
8,579	8,498	8,631	8,660	8,654	8,679	8,649	8,844	8,827	8,795	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
8,604	8,457	8,588	8,671	8,698	8,710	8,890	8,890	8,879	8,822	Manufacture of metal-forming machinery and machine tools
49,783	50,146	49,910	49,706	49,758	49,485	49,349	49,979	50,028	50,262	Manufacture of air-conditioning machines, including for motor vehicles
25,052	25,521	25,268	25,835	25,779	25,223	25,179	25,352	24,369	24,530	Manufacture of other special-purpose machinery n.e.c.
8,274	9,191	9,168	8,966	9,013	9,114	9,068	9,076	8,895	8,831	Other industry
54,802	53,486	53,321	53,789	53,205	53,458	53,416	53,068	51,628	55,209	Manufacture of motor vehicles
14,824	14,744	14,779	14,654	14,614	15,041	15,239	14,868	14,642	14,631	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
30,508	29,643	30,152	29,768	30,087	29,938	30,038	30,161	30,300	30,135	Manufacture of parts and accessories for motor vehicles
14,035	13,241	13,747	13,546	13,868	13,901	13,818	13,788	14,223	14,164	Building of ships and boats
1,646	1,669	1,673	1,693	1,711	1,707	1,661	1,655	1,623	1,609	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
14,827	14,733	14,732	14,529	14,509	14,330	14,559	14,718	14,454	14,362	Manufacture of motorcycles
82,533	83,277	83,263	84,130	83,248	83,470	83,647	84,166	83,964	85,455	Manufacture of bicycles and invalid carriages
62,790	63,894	63,849	64,627	63,956	64,306	64,245	64,665	64,209	65,269	Other industry
19,743	19,384	19,415	19,503	19,292	19,163	19,402	19,501	19,755	20,186	Manufacture of furniture
5,211	5,226	5,162	5,225	5,225	4,813	4,793	4,812	5,002	4,888	Manufacture of wooden and cane furniture
29,104	29,112	29,219	29,286	29,317	29,262	29,346	29,856	29,912	29,697	Other industry
5,948	6,190	6,226	6,161	6,169	6,181	6,187	6,239	6,223	6,235	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
23,156	22,922	22,993	23,125	23,148	23,081	23,159	23,617	23,689	23,461	Manufacture of stationery
2,395	2,000	1,978	1,953	1,942	1,931	1,955	1,956	2,066	2,066	Other industry
4,994	4,986	4,918	5,019	5,028	4,998	4,968	5,000	4,971	4,940	Manufacture of sports goods
44,231	44,565	43,700	44,001	43,697	43,938	44,773	45,003	45,100	44,922	Manufacture of games and toys
7,530	7,547	7,331	7,188	7,220	7,227	7,414	7,469	7,407	7,447	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
36,701	37,018	36,369	36,813	36,477	36,711	37,358	37,534	37,693	37,475	Repair and maintenance of transport equipment except motorcycles and bicycles
2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863	2,394,984	2,393,664	2,388,492	2,400,435	Other industry
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		
				Q1	Q2	Q3	Q4	Q1	2024 (Jan. - Apr.)	2025 (Jan. - Apr.)
101	Pemprosesan dan pengawetan daging	7.8	4.1	8.1	1.7	2.9	4.1	1.5	7.5	3.1
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.5	0.3	1.3	1.9	-0.03	0.3	-0.4	3.2	-1.5
	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	1.7	-2.4
	Industri lain	10.7	9.0	11.3	7.3	10.6	9.0	3.5	11.4	2.9
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.7	-5.9	2.4	-4.0	-7.2	-5.9	-9.6	1.4	-8.7
	10303 Pengetinan nanas									
	&									
	10304 Pembuatan jem, marmalad dan sajian jeli	-8.1	-5.2	2.7	1.2	-3.9	-5.2	-6.1	3.8	-7.4
	Industri lain	2.3	-6.0	2.4	-4.3	-7.4	-6.0	-9.8	1.3	-8.8
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	6.7	2.6	4.5	5.6	1.9	2.6	2.6	5.3	2.1
	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	14.4	3.0
	10405 Pembuatan minyak kelapa	3.5	0.8	4.4	4.2	1.1	0.8	1.0	4.5	0.8
	Industri lain	6.6	2.4	4.1	5.3	1.7	2.4	2.5	4.9	2.1
105	Pembuatan produk tenusu	4.2	1.9	5.8	5.4	3.3	1.9	1.6	5.4	1.7
	10502 Pembuatan susu pekat, tepung dan sejat	1.9	1.1	5.4	4.3	2.1	1.1	0.4	3.6	0.9
	Industri lain	10.1	3.9	7.0	8.5	6.1	3.9	4.8	10.4	3.6
106	Pembuatan produk bijian, kanji dan produk berkanji	3.0	0.5	-0.1	-0.5	2.7	0.5	5.3	0.2	5.1
	10611 Pengilangan beras	1.8	2.3	0.3	0.1	6.0	2.3	6.1	1.4	5.9
	10613 Pengilangan tepung	6.1	0.2	-0.4	-0.8	0.8	0.2	7.2	-0.3	7.0
	Industri lain	-5.5	-9.2	-1.6	-2.6	-6.2	-9.2	-9.6	-3.3	-9.7
107	Pembuatan produk makanan lain	8.9	3.0	7.0	6.1	4.4	3.0	2.6	6.8	2.6
	10711 Pembuatan biskut dan cookies	2.8	1.1	-2.2	-0.1	3.1	1.1	0.7	-1.8	0.1
	10712 Pembuatan roti, kek dan produk bakeri lain	8.0	3.9	5.6	6.8	6.3	3.9	4.2	7.4	3.7
	10713 Pembuatan produk snek	8.8	2.3	8.2	7.9	7.6	2.3	3.0	7.6	2.8
	10721 Pembuatan gula	5.3	-0.4	3.9	2.5	-3.6	-0.4	0.5	3.1	2.0
	10731 Pembuatan produk koko	3.2	-9.1	1.8	-8.1	-9.7	-9.1	-5.6	0.4	-1.8
	10732 Pembuatan coklat dan produk coklat									
	&									
	10733 Pembuatan konfeksi gula	9.8	1.0	9.5	7.6	1.2	1.0	1.4	7.8	4.4
	10793 Pembuatan sos dan bahan perasa	16.4	12.3	16.8	12.8	17.8	12.3	11.4	16.5	10.8
	10799 Pembuatan produk makanan lain t.t.t.l.	20.0	3.6	20.2	13.2	2.5	3.6	-1.8	14.5	-1.4
	Industri lain	5.6	1.1	3.1	3.2	1.2	1.1	1.7	3.5	1.5
108/ 10800	Pembuatan makanan haiwan tersedia	-12.2	1.8	-10.6	-9.2	-4.3	1.8	2.9	-7.7	2.7
110	Pembuatan minuman ringan	2.6	2.6	2.1	2.8	2.1	2.6	2.8	2.6	2.4
	11041 Pembuatan minuman ringan	0.9	2.9	1.3	2.1	2.1	2.9	2.2	1.7	0.7
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4.8	3.0	1.2	1.6	1.7	3.0	4.7	1.5	7.5
	Industri lain	8.1	0.2	9.3	9.3	3.2	0.2	1.8	10.3	0.3
120/ 12000	Pembuatan produk tembakau	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	-1.4	1.6
131	Pemintalan, penenunan dan penyiapan tekstil	1.2	4.1	1.5	4.0	3.4	4.1	2.1	2.8	2.9
	13110 Penyediaan dan pemintalan gentian tekstil									
	&									
	13120 Penenunan tekstil	3.2	1.9	3.7	6.4	-0.1	1.9	-0.4	5.7	-0.8
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-4.5	9.4	-3.3	-1.7	12.9	9.4	8.8	-4.1	12.8
	Industri lain	8.6	8.7	-4.5	0.8	0.4	8.7	0.6	0.8	2.8
139	Pembuatan tekstil lain	1.9	-1.7	0.1	-1.7	-1.7	-1.7	-1.5	-1.0	-1.2
	13910 Pembuatan fabrik dikait dan dikrusye	-4.5	-1.2	-3.8	-1.9	-2.0	-1.2	-2.4	-4.8	-0.3
	Industri lain	6.0	-1.9	2.4	-1.6	-1.5	-1.9	-1.0	1.3	-1.7
141	Pembuatan pakaian, kecuali pakaian berbulu	2.6	-1.4	3.5	2.3	2.5	-1.4	0.8	2.8	0.7
	14102 Pembuatan pakaian	2.6	-1.4	4.3	3.6	3.6	-1.4	0.7	3.9	1.0
	Industri lain	2.6	-1.4	1.3	-1.0	-0.2	-1.4	1.2	0.1	-0.01
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	3.5	-6.2
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	-3.3	0.8
152	Pembuatan kasut	5.3	4.9	3.3	2.9	3.9	4.9	3.4	3.3	3.1
	15201 Pembuatan kasut kulit									
	&									
	15203 Pembuatan kasut getah	-0.8	0.6	-0.8	1.7	0.6	0.6	-3.5	-0.1	-3.1
	Industri lain	12.9	9.6	8.1	4.3	7.5	9.6	10.9	7.1	9.6
161/ 16100	Pengilangan dan pengetaman kayu	-2.6	0.6	-3.8	-1.8	-0.9	0.6	0.4	-1.8	3.6

2024																2025																Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.																	
5.9	6.9	8.1	4.0	4.1	1.7	3.9	3.5	2.9	2.2	2.1	4.1	3.8	1.1	1.5	3.1	Processing and preserving of meat																
4.5	1.5	1.3	3.2	3.0	1.9	0.4	0.4	-0.03	-1.2	-0.3	0.3	-1.0	-1.2	-0.4	-1.5	Processing and preserving of fish, crustaceans and molluscs Canning of fish, crustaceans and molluscs																
3.2	-0.4	-0.5	1.7	1.6	0.9	-2.1	-2.0	-2.1	-3.2	-2.3	-1.4	-2.3	-2.1	-1.2	-2.4	Processing, curing and preserving of fish, crustacean and molluscs																
11.5	11.6	11.3	11.4	11.0	7.3	14.6	12.4	10.6	9.2	10.0	9.0	5.3	3.4	3.5	2.9	Other industry																
1.8	1.5	2.4	1.4	-3.5	-4.0	-5.2	-1.8	-7.2	-8.0	-7.4	-5.9	-7.2	-8.0	-9.6	-8.7	Processing and preserving of fruits and vegetable																
-3.3	5.9	2.7	3.8	-1.0	1.2	-2.2	-1.7	-3.9	-5.5	-4.5	-5.2	-5.5	-8.2	-6.1	-7.4	Pineapple canning																
2.1	1.2	2.4	1.3	-3.7	-4.3	-5.4	-1.8	-7.4	-8.1	-7.6	-6.0	-7.3	-7.9	-9.8	-8.8	Manufacture of jams, marmalades and table jellies																
5.8	4.4	4.5	5.3	5.5	5.6	5.4	4.6	1.9	1.4	2.1	2.6	2.7	2.9	2.6	2.1	Manufacture of vegetable and animal oils and fats																
8.2	12.0	11.6	14.4	13.7	12.7	12.1	8.4	6.9	7.1	6.9	6.8	11.0	5.5	4.9	3.0	Manufacture of crude and refined vegetable oil																
4.7	4.9	4.4	4.5	4.5	4.2	5.1	3.4	1.1	1.2	1.2	0.8	1.7	1.2	1.0	0.8	Manufacture of compound cooking fats																
5.7	4.0	4.1	4.9	5.1	5.3	5.1	4.4	1.7	1.0	1.9	2.4	2.3	2.8	2.5	2.1	Manufacture of coconut oil																
4.8	4.3	5.8	5.4	7.6	5.4	5.0	5.0	3.3	2.8	2.3	1.9	0.4	0.1	1.6	1.7	Manufacture of dairy products																
3.6	2.9	5.4	3.6	7.3	4.3	3.6	3.6	2.1	1.8	1.6	1.1	-1.7	-0.8	0.4	0.9	Manufacture of condensed, powdered and evaporated milk																
7.9	8.1	7.0	10.4	8.6	8.5	8.5	8.8	6.1	5.2	4.0	3.9	5.7	2.4	4.8	3.6	Other industry																
3.2	-0.6	-0.1	0.2	-0.5	-0.5	-1.3	2.1	2.7	2.3	1.5	0.5	1.3	5.8	5.3	5.1	Manufacture of grain mill products, starches and starch products																
2.5	1.1	0.3	1.4	0.6	0.1	0.1	5.2	6.0	5.0	2.4	2.3	3.2	5.1	6.1	5.9	Rice milling																
6.1	-1.9	-0.4	-0.3	-1.0	-0.8	-2.3	-0.2	0.8	1.1	2.3	0.2	1.0	9.3	7.2	7.0	Flour milling																
-7.7	-3.6	-1.6	-3.3	-4.6	-2.6	-3.6	-3.2	-6.2	-7.2	-8.8	-9.2	-8.6	-9.2	-9.6	-9.7	Other industry																
8.3	7.2	7.0	6.8	6.8	6.1	6.4	5.5	4.4	3.8	3.6	3.0	2.6	2.8	2.6	2.6	Manufacture of other food products																
0.8	-1.8	-2.2	-1.8	-0.5	-0.1	2.6	3.0	3.1	2.9	2.2	1.1	-0.5	-2.0	0.7	0.1	Manufacture of biscuits and cookies																
7.8	7.6	5.6	7.4	7.9	6.8	5.8	7.7	6.3	4.6	4.5	3.9	3.6	2.9	4.2	3.7	Manufacture of bread, cakes and other bakery products																
10.4	8.2	8.2	7.6	7.3	7.9	9.9	6.9	7.6	7.3	5.6	2.3	0.5	2.2	3.0	2.8	Manufacture of snack products																
5.3	5.5	3.9	3.1	2.3	2.5	2.1	-2.5	-3.6	-4.4	-1.8	-0.4	-0.6	-0.9	0.5	2.0	Manufacture of sugar																
3.4	2.1	1.8	0.4	-6.7	-8.1	-8.6	-8.7	-9.7	-10.1	-9.6	-9.1	-5.9	-5.5	-5.6	-1.8	Manufacture of cocoa products																
7.9	9.4	9.5	7.8	8.3	7.6	7.0	0.5	1.2	1.2	0.1	1.0	0.4	2.1	1.4	4.4	Manufacture of chocolate and chocolate products																
16.8	16.4	16.8	16.5	16.0	12.8	15.2	19.1	17.8	18.0	11.9	12.3	12.5	13.0	11.4	10.8	Manufacture of sugar confectionery																
19.1	20.2	20.2	14.5	13.1	13.2	12.9	3.6	2.5	0.2	4.9	3.6	3.0	3.0	-1.8	-1.4	Manufacture of sauces and condiments																
4.5	2.0	3.1	3.5	3.7	3.2	3.1	3.0	1.2	1.6	1.4	1.1	0.8	2.1	1.7	1.5	Manufacture of other food products n.e.c.																
-10.9	-11.2	-10.6	-7.7	-7.6	-9.2	-8.5	-4.2	-4.3	-2.5	-3.2	1.8	2.9	2.8	2.9	2.7	Other industry																
-10.9	-11.2	-10.6	-7.7	-7.6	-9.2	-8.5	-4.2	-4.3	-2.5	-3.2	1.8	2.9	2.8	2.9	2.7	Manufacture of prepared animal feeds																
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	Manufacture of beverages																
1.8	0.7	1.3	1.7	1.6	2.1	1.3	1.8	2.1	2.5	2.4	2.9	2.2	2.4	2.2	0.7	Manufacture of soft drinks																
2.8	2.8	1.2	1.5	1.7	1.6	0.9	1.8	1.7	1.6	2.7	3.0	3.2	3.8	4.7	7.5	Production of natural mineral waters and other bottled waters																
8.1	7.4	9.3	10.3	9.1	9.3	7.8	6.3	3.2	3.4	2.9	0.2	2.9	2.0	1.8	0.3	Other industry																
-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	Manufacture of tobacco products																
-0.3	0.2	1.5	2.8	3.9	4.0	6.1	3.4	3.4	2.7	3.4	4.1	4.3	3.2	2.1	2.9	Spinning, weaving and finishing of textiles																
1.4	2.1	3.7	5.7	7.1	6.4	4.6	0.9	-0.1	-0.01	0.6	1.9	2.4	0.7	-0.4	-0.8	Preparation and spinning of textile fibres																
-4.4	-3.9	-3.3	-4.1	-3.5	-1.7	11.0	10.7	12.9	9.9	9.9	9.4	9.1	9.3	8.8	12.8	Weaving of textiles																
-1.2	-5.0	-4.5	0.8	1.0	0.8	-0.9	-1.9	0.4	0.4	9.6	8.7	5.8	6.0	0.6	2.8	Dyeing, bleaching, printing and finishing of yarns and fabrics																
2.8	0.8	0.1	-1.0	-1.2	-1.7	-2.6	-1.8	-1.7	-1.4	-1.8	-1.7	-2.4	-1.9	-1.5	-1.2	Other industry																
-3.1	-6.4	-3.8	-4.8	-1.8	-1.9	-2.0	-1.4	-2.0	-2.1	-2.0	-1.2	-2.4	-2.3	-2.4	-0.3	Manufacture of other textiles																
6.5	5.4	2.4	1.3	-0.8	-1.6	-2.9	-2.0	-1.5	-1.1	-1.6	-1.9	-2.5	-1.7	-1.0	-1.7	Manufacture of knitted and crocheted fabrics																
2.9	3.3	3.5	2.8	2.8	2.3	2.7	2.1	2.5	2.0	-1.6	-1.4	0.7	0.9	0.8	0.7	Other industry																
2.8	4.0	4.3	3.9	4.0	3.6	4.4	3.2	3.6	2.3	-1.5	-1.4	1.1	0.7	0.7	1.0	Manufacture of wearing apparel, except fur																
3.4	1.4	1.3	0.1	-0.3	-1.0	-1.6	-0.7	-0.2	1.0	-1.8	-1.4	-0.4	1.5	1.2	-0.01	Manufacture of clothings																
6.5	2.8	0.9	3.5	2.6	0.8	1.0	-2.7	-0.7	0.8	-4.2	-3.9	-4.0	-3.8	-3.9	-6.2	Other industry																
6.5	2.8	0.9	3.5	2.6	0.8	1.0	-2.7	-0.7	0.8	-4.2	-3.9	-4.0	-3.8	-3.9	-6.2	Manufacture of articles of fur, knitted and crocheted apparel																
-2.8	-4.5	-5.8	-3.3	-3.9	-2.9	-1.0	-1.0	-0.8	-1.4	-1.2	-1.0	-0.4	0.01	0.04	0.8	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur																
3.7	2.5	3.3	3.3	3.6	2.9	2.5	3.8	3.9	3.3	4.6	4.9	3.2	3.7	3.4	3.1	Manufacture of footwear																
-1.8	-1.0	-0.8	-0.1	1.8	1.7	0.6	1.1	0.6	0.1	0.9	0.6	-2.4	-1.7	-3.5	-3.1	Manufacture of leather footwear																
10.8	6.7	8.1	7.1	5.5	4.3	4.7	6.8	7.5	6.7	8.7	9.6	9.6	9.7	10.9	9.6	Manufacture of rubber footwear																
-5.9	-7.0	-3.8	-1.8	-1.7	-1.8	-2.0	-0.6	-0.9	-1.1	-1.2	0.6	1.2	3.7	0.4	3.6	Other industry																
-5.9	-7.0	-3.8	-1.8	-1.7	-1.8	-2.0	-0.6	-0.9	-1.1	-1.2	0.6	1.2	3.7	0.4	3.6	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		
				Q1	Q2	Q3	Q4	Q1	2024 (Jan. - Apr.)	2025 (Jan. - Apr.)
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	1.5	0.1
16211	Pembuatan kepingan venier dan papan lapis	3.1	2.7	1.0	4.3	3.6	2.7	4.3	2.6	3.9
16212	Pembuatan papan partikel dan papan gentian	8.4	3.1	10.4	11.5	1.7	3.1	0.8	12.0	0.7
16221	Pertukangan kayu untuk jurubina	-10.9	-11.8	-9.5	-11.3	-9.0	-11.8	-10.8	-10.9	-10.9
	Industri lain	2.3	0.9	0.0	4.1	0.5	0.9	-1.9	3.6	-3.2
170	Pembuatan kertas dan produk kertas	1.0	0.6	0.9	0.7	0.5	0.6	0.3	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	-0.8	9.3
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	-2.2	-1.9
17091	Pembuatan sampul surat dan kad surat	4.1	-2.6	-4.1	-5.3	-5.6	-2.6	-0.5	-4.2	1.4
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	5.1	-2.3	6.0	3.5	-2.4	-2.3	-4.0	6.2	-3.8
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	0.3	0.4
	Industri lain	9.8	8.2	8.1	7.2	7.9	8.2	2.5	7.7	3.4
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	-2.4	1.3
18110	Percetakan	2.3	0.6	-2.5	-2.4	-0.1	0.6	0.9	-3.1	1.8
18120 &	Aktiviti perkhidmatan berkaitan percetakan	-1.2	1.7	-3.7	3.5	1.4	1.7	-0.8	0.7	-0.9
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	1.6	1.7
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	3.3	3.8
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	14.7	4.5
20112 &	Pembuatan kimia organik asas	-1.9	4.9	-2.4	-0.9	3.7	4.9	5.0	2.0	4.8
20113	Pembuatan sebatian bukan organik									
20121 &	Pembuatan baja	-5.9	-1.6	-11.4	-8.2	-1.3	-1.6	-0.5	-4.6	-1.9
20129	Pembuatan produk campuran nitrogen									
20131	Pembuatan plastik dalam bentuk primer	2.1	4.0	3.8	3.0	3.5	4.0	5.0	4.4	4.8
	Industri lain	6.6	9.2	4.7	4.8	6.8	9.2	8.2	6.1	6.3
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	-2.6	-3.0	-3.0	-0.2	-3.0	-3.0	-2.8	-1.9	-2.6
20210	Pembuatan racun perosak dan produk agrokimia lain	13.8	11.0	9.0	13.0	13.2	11.0	8.9	10.9	8.3
20221	Pembuatan cat, varnis dan penyadur dan mastik	1.4	-0.2	1.7	0.6	0.1	-0.2	-4.7	1.0	-5.5
20222	Pembuatan dakwat cetak	4.7	-4.1	1.7	1.9	-3.1	-4.1	-4.2	2.3	-4.9
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	-7.7	-4.3	-6.7	1.0	-3.2	-4.3	0.05	-3.8	1.3
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	-5.1	-8.2
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	-36.9	-9.9
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	2.3	3.0	1.6	0.5	0.3	3.0	2.0	0.6	2.3
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	-2.55	3.9
	Industri lain	5.4	0.6	5.4	5.0	0.4	0.6	-0.4	8.6	-1.4
221	Pembuatan produk getah	-4.0	-2.4	-5.0	-3.5	-2.5	-2.4	-3.1	-5.2	-3.2
22111	Pembuatan tayar getah untuk kenderaan	2.6	-3.7	0.3	-4.5	-2.2	-3.7	-3.8	-5.1	-5.6
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	9.6	-3.9
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	0.2	-9.9
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	-8.7	-1.7
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.5	-0.4	-4.3	-2.1	-1.7	-0.4	-1.0	-3.2	-1.1
222	Pembuatan produk plastik	3.3	2.2	2.6	3.1	2.6	2.2	2.1	3.1	1.9
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	0.5	1.9
22203	Pembuatan artikel plastik untuk pembungkusan barangan	5.8	2.0	4.7	4.0	2.3	2.0	1.4	4.8	2.0
22204	Pembuatan barangan plastik jurubina	0.3	5.4	0.01	1.7	2.1	5.4	3.1	1.73	2.8
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	0.8	-3.6
22209	Pembuatan pelbagai produk plastik t.t.t.l.	3.0	3.0	2.4	5.0	4.9	3.0	3.6	4.0	3.2
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-1.0	5.1	0.3	5.9	6.8	5.1	1.8	1.2	1.3

2024					2025												Group Description/Period				
Jan.	Feb.	Mar	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar	Apr.						
0.6	-0.3	0.05	1.5	1.1	2.5	2.9	0.8	1.0	0.8	1.0	0.4	-0.1	-0.3	0.5	0.1	Manufacture of products of wood, cork, straw and plaiting materials					
2.3	1.5	1.0	2.6	1.7	4.3	4.0	3.8	3.6	3.0	3.5	2.7	2.6	2.6	4.3	3.9	Manufacture of veneer sheets and plywood					
10.3	10.8	10.4	12.0	11.6	11.5	10.5	-3.3	1.7	2.6	2.6	3.1	3.0	0.3	0.8	0.7	Manufacture of particle board and fibreboard					
-11.2	-13.0	-9.5	-10.9	-11.0	-11.3	-9.5	-10.3	-9.0	-10.1	-10.1	-11.8	-11.2	-10.7	-10.8	-10.9	Manufacture of builders' carpentry					
0.8	-0.1	0.0	3.6	4.1	4.1	5.8	2.7	0.5	1.1	0.6	0.9	-1.2	-1.3	-1.9	-3.2	Other industry					
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	Manufacture of paper and paper products					
0.7	-0.5	-0.4	-0.8	3.5	3.3	3.9	4.9	5.6	6.5	6.2	5.9	6.3	8.9	9.0	9.3	Manufacture of pulp, paper and paperboard					
-1.8	-2.1	-2.0	-2.2	-2.6	-2.6	-2.6	-1.3	-1.6	-1.5	-1.7	-1.9	-1.5	-1.6	-1.8	-1.9	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard					
1.3	-1.6	-4.1	-4.2	-5.4	-5.3	-5.2	-4.5	-5.6	-5.4	-3.7	-2.6	-2.6	-3.1	-0.5	1.4	Manufacture of envelopes and letter-card					
4.5	5.5	6.0	6.2	2.0	3.5	3.4	-2.9	-2.4	-2.4	-2.5	-2.3	-3.4	-4.1	-4.0	-3.8	Manufacture of household and personal hygiene paper					
0.1	0.1	0.2	0.3	0.6	0.8	1.8	1.2	1.0	-0.1	-0.4	1.0	0.3	1.0	0.9	0.4	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper					
7.9	7.7	8.1	7.7	8.1	7.2	9.8	11.4	7.9	8.7	11.1	8.2	6.1	5.6	2.5	3.4	Other industry					
-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	Printing, service activities related to printing and reproduction of recorded media					
-2.2	-1.5	-2.5	-3.1	-4.5	-2.4	-2.3	-0.2	-0.1	1.1	1.4	0.6	0.7	1.0	0.9	1.8	Printing					
-3.5	-3.4	-3.7	0.7	2.2	3.5	3.8	1.9	1.4	0.7	1.3	1.7	0.05	-0.7	-0.8	-0.9	Service activities related to printing					
																Reproduction of recorded media					
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	Manufacture of refined petroleum products					
-0.2	-0.6	-0.7	3.3	1.8	0.9	4.7	4.6	4.4	4.2	4.9	5.3	4.5	5.0	4.4	3.8	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms					
9.3	9.0	8.0	14.7	11.8	12.7	13.5	13.6	13.8	12.1	14.9	14.9	11.2	10.4	5.4	4.5	Manufacture of liquefied or compressed inorganic industrial or medical gases					
																Manufacture of basic organic chemicals					
-2.3	-2.4	-2.4	2.0	0.6	-0.9	4.0	4.1	3.7	3.8	4.5	4.9	4.5	6.0	5.0	4.8	Manufacture of inorganic compounds					
																Manufacture of fertilizers					
-7.0	-10.7	-11.4	-4.6	-8.0	-8.2	-0.9	-1.1	-1.3	-1.6	-1.6	-1.6	-2.7	-2.7	-0.5	-1.9	Manufacture of associated nitrogen products					
1.5	3.4	3.8	4.4	4.4	3.0	3.4	3.2	3.5	3.3	3.5	4.0	4.8	4.7	5.0	4.8	Manufacture of plastics in primary forms					
6.1	3.9	4.7	6.1	4.3	4.8	10.2	8.3	6.8	7.3	7.6	9.2	6.6	7.4	8.2	6.3	Other industry					
-2.8	-2.1	-3.0	-1.9	-0.8	-0.2	-2.6	-2.3	-3.0	-3.4	-3.9	-3.0	-2.9	-2.6	-2.8	-2.6	Manufacture of other chemical products and man-made fibres					
13.1	10.5	9.0	10.9	11.1	13.0	12.7	12.9	13.2	10.6	10.7	11.0	8.6	8.8	8.9	8.3	Manufacture of pesticides and other agrochemical products					
0.1	5.1	1.7	1.0	0.4	0.6	0.03	0.03	0.1	-1.1	-0.9	-0.2	-4.1	-3.9	-4.7	-5.5	Manufacture of paints, varnishes and similar coatings ink and mastics					
4.0	3.9	1.7	2.3	1.8	1.9	-6.1	-4.8	-3.1	-3.7	-4.0	-4.1	-4.1	-4.2	-4.2	-4.9	Manufacture of printing ink					
																Manufacture of soap and detergents, cleaning and polishing preparations					
-7.5	-7.1	-6.7	-3.8	0.1	1.0	-2.0	-1.8	-3.2	-3.8	-4.2	-4.3	-0.9	0.1	0.05	1.3	Manufacture of perfumes and toilet preparations					
																Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials					
-4.2	-4.2	-5.0	-5.1	-5.7	-5.5	-6.7	-7.2	-9.0	-8.1	-9.2	-6.5	-7.7	-7.8	-8.0	-8.2	Manufacture of writing and drawing ink					
																Manufacture of other chemical products n.e.c.					
-31.0	-35.6	-36.1	-36.9	-37.1	-36.9	-37.1	-20.9	-18.4	-11.4	-12.8	-11.9	-11.4	-12.4	-12.3	-9.9	Other industry					
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	Manufacture of pharmaceuticals, medicinal chemical and botanical products					
1.0	0.6	-0.03	-2.5	-2.3	-1.4	-0.8	0.3	0.2	0.1	3.8	4.0	3.7	2.8	3.1	3.9	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments					
3.8	3.5	5.4	8.6	6.6	5.0	3.1	2.2	0.4	1.1	-0.3	0.6	1.3	1.5	-0.4	-1.4	Other industry					
-3.6	-4.1	-5.0	-5.2	-4.1	-3.5	-3.4	-2.9	-2.5	-2.4	-2.5	-2.4	-2.5	-2.8	-3.1	-3.2	Manufacture of rubber products					
2.8	1.1	0.3	-5.1	-5.4	-4.5	-11.6	-2.2	-2.2	-2.2	-3.2	-3.7	-4.8	-3.7	-3.8	-5.6	Manufacture of rubber tyres for vehicles					
12.0	9.5	9.7	9.6	10.4	9.2	9.3	4.6	2.2	2.1	-7.3	-3.7	-2.8	-2.9	-2.6	-3.9	Manufacture of interchangeable tyre treads and retreading rubber tyres					
																Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened					
3.8	1.4	1.2	0.2	-0.5	0.1	-3.9	-4.7	-4.4	-4.4	-4.6	-5.3	-7.5	-8.4	-8.4	-9.9	Rubber remilling and latex processing					
-7.6	-6.9	-8.5	-8.7	-7.4	-5.9	-4.0	-3.4	-2.7	-2.8	-2.3	-2.4	-1.8	-2.2	-2.5	-1.7	Manufacture of rubber gloves					
-2.7	-4.1	-4.3	-3.2	-1.2	-2.1	-1.0	-1.8	-1.7	-1.1	-1.0	-0.4	-0.2	-0.5	-1.0	-1.1	Manufacture of other rubber products n.e.c.					
3.3	2.5	2.6	3.1	3.4	3.1	3.1	2.7	2.6	2.8	2.9	2.2	2.0	2.2	2.1	1.9	Manufacture of plastics products					
																Manufacture of semi-manufactures of plastic products					
1.5	1.6	1.2	0.5	1.0	0.3	0.7	1.2	1.4	1.2	2.1	1.5	2.0	1.9	2.9	1.9	Manufacture of finished plastic products					
6.1	4.6	4.7	4.8	4.7	4.0	1.9	2.2	2.3	3.0	2.8	2.0	1.2	1.4	1.4	2.0	Manufacture of plastic articles for the packing of goods					
0.7	-0.4	0.01	1.7	1.6	1.7	1.1	1.4	2.1	2.3	4.9	5.4	2.2	3.4	3.1	2.8	Manufacture of builders' plastics ware					
1.3	-0.2	-0.2	0.8	0.1	0.7	4.9	-1.5	-1.6	0.6	1.0	0.9	-2.3	-2.5	-3.7	-3.6	Manufacture of plastic tableware, kitchenware and toilet articles					
2.6	2.2	2.4	4.0	4.8	5.0	5.5	5.5	4.9	4.4	4.0	3.0	3.9	4.3	3.6	3.2	Manufacture of diverse plastic products n.e.c.					
-1.0	-0.6	0.3	1.2	4.4	5.9	7.4	7.0	6.8	6.6	5.5	5.1	3.8	2.5	1.8	1.3	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	2023	2024	2024				2025		
				Q1	Q2	Q3	Q4	Q1	2024 (Jan. - Apr.)	2025 (Jan. - 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	0.3	3.3
23911	Pembuatan mortar refraktori dan konkrit									
&										
23921	Pembuatan seramik bukan refraktori	-8.1	-6.1	-9.3	-11.9	-11.4	-6.1	0.9	-9.4	1.3
23930	Pembuatan produk porselin dan seramik lain	-14.9	-7.3	-1.5	-5.0	-4.2	-7.3	-5.1	-1.7	-4.5
23941	Pembuatan simen hidrolik	1.0	1.1	0.02	-0.1	4.4	1.1	5.9	0.35	5.6
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	1.5	0.7	2.2	3.3	0.1	0.7	2.4	2.3	3.9
23952	Pembuatan konkrit pratuangan, simen atau artikel batu									
&	buatan yang digunakan dalam pembinaan;									
23953	Pembuatan komponen struktur pasang siap untuk bangunan	4.1	-4.8	-4.8	-6.6	-6.1	-4.8	2.5	-4.1	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.	12.4	9.9	13.6	9.3	13.8	9.9	9.9	12.1	9.7
	Industri lain	14.8	4.1	13.3	11.8	5.2	4.1	1.7	13.7	0.7
241										
(24101 &										
24102 &	Pembuatan besi dan keluli asas	5.3	3.4	7.0	5.9	5.1	3.4	2.1	6.8	1.9
24103 &										
24104 &										
24109)										
242										
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	-5.9	-3.3	-7.1	-5.0	-4.1	-3.3	-2.8	-6.9	-2.0
24202 &										
24209)										
243	Pengacuan logam	1.6	2.6	-0.7	-0.6	0.2	2.6	3.1	1.7	3.1
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	3.1	4.5
25113	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	6.7	7.7
25119	Pembuatan produk struktur logam lain									
25120	Pembuatan tangki, takungan dan kontena daripada logam	-8.3	-5.1	-7.5	-4.4	-3.0	-5.1	-6.6	-4.7	-4.1
	Industri lain	-0.7	-2.0	-2.2	-3.2	1.7	-2.0	-3.1	-3.7	-0.8
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	5.3	0.7
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-0.3	3.5	-0.8	2.0	2.6	3.5	3.9	1.9	5.5
25920	Rawatan dan penyalutan logam; menggunakan mesin	-9.7	-14.1	-11.4	-13.4	-14.0	-14.1	-19.1	-11.4	-19.3
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	12.1	11.0
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam									
&										
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	8.3	-0.03	9.7	8.2	4.9	-0.03	-2.7	8.7	-2.9
25994	Pembuatan barangan rumah daripada logam	14.1	2.9	5.5	-1.3	-1.1	2.9	2.0	3.1	4.1
25999	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	7.8	5.0
	Industri lain	21.8	3.6	17.8	17.4	4.9	3.6	1.2	16.0	1.2
261	Pembuatan komponen dan papan elektronik	1.9	-2.2	-2.5	-2.9	-3.3	-2.2	-0.9	-3.1	-0.7
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya									
&										
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	0.9	-1.9	-2.2	-2.4	-3.1	-1.9	-1.8	-4.3	-1.8
26103	Pembuatan kapasitor dan perintang elektrik									
&										
26104	Pembuatan papan litar bercetak	3.0	-2.5	-3.7	-3.7	-3.6	-2.5	0.1	-2.3	0.6
&										
26105	Pembuatan komponen paparan									
26109	Pembuatan komponen lain untuk aplikasi elektronik	3.0	-3.0	2.7	-2.1	-3.4	-3.0	0.03	2.4	0.5
262										
(26201 &	Pembuatan komputer dan kelengkapan peranti	-3.2	6.9	1.7	3.5	5.6	6.9	6.7	1.9	6.5
26202)										
263/										
26300	Pembuatan peralatan komunikasi	0.3	4.3	0.6	0.4	5.0	4.3	6.3	0.8	5.9
264/										
26400	Pembuatan peralatan elektronik pengguna	3.4	4.7	4.4	4.6	-0.1	4.7	2.9	4.5	2.6
265	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	-0.1	3.2
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan									
&										
26512	Pembuatan kelengkapan kawalan proses perindustrian	0.2	4.9	-0.4	3.0	3.9	4.9	4.0	-0.02	5.0
26520	Pembuatan jam tangan dan jam dan bahagiannya	-1.1	4.2	-0.5	6.1	6.0	4.2	-1.9	-0.5	-2.9
266/										
26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	-3.1	0.6	-6.3	-6.5	-1.7	0.6	1.4	-6.2	1.3

2024					2025										Group Description/Period				
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar.					
-0.5	0.2	0.1	0.3	-0.8	-1.4	-1.3	-1.1	-1.3	-0.6	-1.1	-1.0	1.9	2.4	3.0	3.3	Manufacture of non-metallic mineral products			
																Manufacture of refractory mortars and concretes			
-8.6	-8.8	-9.3	-9.4	-11.2	-11.9	-10.5	-13.1	-11.4	-6.4	-6.1	-6.1	-1.8	-0.4	0.9	1.3	Manufacture of non-refractory ceramic			
-16.5	-3.0	-1.5	-1.7	-5.3	-5.0	-4.2	-3.8	-4.2	-4.8	-7.1	-7.3	-6.2	-3.3	-5.1	-4.5	Manufacture of other porcelain and ceramic products			
0.4	0.1	0.02	0.4	-0.02	-0.1	1.0	6.3	4.4	5.3	0.7	1.1	1.4	1.4	5.9	5.6	Manufacture of hydraulic cement			
0.7	0.3	2.2	2.3	2.2	3.3	2.1	1.9	0.1	1.7	-0.4	0.7	2.6	2.5	2.4	3.9	Manufacture of ready-mix and dry-mix concrete and mortars			
																Manufacture of precast concrete, cement or artificial stone articles for use in construction			
-3.9	-3.8	-4.8	-4.1	-6.0	-6.6	-6.9	-6.6	-6.1	-5.6	-5.0	-4.8	1.9	2.7	2.5	2.9	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone			
15.0	14.0	13.6	12.1	12.9	9.3	9.5	15.0	13.8	9.9	10.0	9.9	8.8	8.4	9.9	9.7	Manufacture of other articles of concrete, cement and plaster n.e.c.			
13.3	13.4	13.3	13.7	13.3	11.8	12.0	5.4	5.2	5.6	6.0	4.1	0.9	1.6	1.7	0.7	Manufacture of other non-metallic mineral products n.e.c.			
																Other industry			
5.4	7.5	7.0	6.8	5.9	5.9	5.8	5.0	5.1	3.8	3.4	3.4	2.9	3.2	2.1	1.9	Manufacture of basic iron and steel			
-5.3	-8.1	-7.1	-6.9	-6.9	-5.0	-6.2	-4.3	-4.1	-4.8	-3.5	-3.3	-3.8	-2.7	-2.8	-2.0	Manufacture of basic precious and other non-ferrous metals			
0.7	-0.7	-0.7	1.7	2.4	-0.6	3.6	-0.4	0.2	0.5	2.7	2.6	3.0	1.3	3.1	3.1	Casting of metals			
2.0	1.2	1.7	3.1	1.5	4.4	4.5	4.1	3.7	4.0	2.4	2.4	3.1	2.7	4.1	4.5	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition			
5.0	4.2	5.2	6.7	4.4	8.6	7.7	6.0	5.9	7.1	5.4	5.1	6.1	5.6	8.2	7.7	Manufacture of metal doors, windows and their frames, shutters and gates			
																Manufacture of other structural metal products			
-6.5	-6.9	-7.5	-4.7	-5.0	-4.4	-3.4	-3.5	-3.0	-3.7	-5.7	-5.1	-5.7	-5.9	-6.6	-4.1	Manufacture of tanks, reservoirs and containers of metal			
-0.9	-1.9	-2.2	-3.7	-3.6	-3.2	-0.2	3.7	1.7	-1.2	-1.9	-2.0	-0.9	-1.0	-3.1	-0.8	Other industry			
5.4	4.3	4.6	5.3	5.4	5.0	4.6	4.9	3.1	2.3	2.4	2.2	1.1	1.4	0.2	0.7	Manufacture of other fabricated metal products; metal working service activities			
-1.1	-1.7	-0.8	1.9	2.1	2.0	2.1	2.4	2.6	1.8	1.7	3.5	4.9	8.0	3.9	5.5	Forging, pressing, stamping and roll-forming of metal; powder metallurgy			
-9.0	-11.8	-11.4	-11.4	-12.2	-13.4	-13.7	-13.8	-14.0	-16.0	-15.2	-14.1	-16.0	-15.9	-19.1	-19.3	Treatment and coating of metals; machining			
7.5	5.5	8.2	12.1	12.4	11.1	11.4	12.0	11.0	12.2	12.8	13.2	9.0	11.2	10.4	11.0	Manufacture of tins and cans for food products, collapsible tubes and boxes			
9.4	8.4	9.7	8.7	8.6	8.2	4.4	8.5	4.9	3.9	4.4	-0.03	-2.2	-2.6	-2.7	-2.9	Manufacture of metal cable, plaited bands and similar articles			
																Manufacture of bolts, screws, nuts and similar threaded products			
11.6	11.8	5.5	3.1	3.7	-1.3	-1.8	-1.3	-1.1	-1.1	2.8	2.9	2.6	2.2	2.0	4.1	Manufacture of metal household articles			
7.8	5.9	7.3	7.8	8.1	8.0	8.7	8.9	7.2	5.8	5.9	6.1	4.6	4.6	4.8	5.0	Manufacture of any other fabricated metal products n.e.c.			
20.9	21.6	17.8	16.0	16.1	17.4	18.8	10.1	4.9	5.4	3.3	3.6	3.2	-0.1	1.2	1.2	Other industry			
1.2	-1.6	-2.5	-3.1	-3.1	-2.9	-3.7	-5.4	-3.3	-2.6	-2.2	-2.2	-2.7	-1.8	-0.9	-0.7	Manufacture of electronic components and boards			
1.1	-1.5	-2.2	-4.3	-2.9	-2.4	-4.2	-7.2	-3.1	-2.6	-2.5	-1.9	-2.9	-3.0	-1.8	-1.8	Manufacture of diodes, transistors and similar semiconductor devices			
																Manufacture of electronic integrated circuits micro assemblies			
																Manufacture of electrical capacitors and resistors			
1.1	-2.5	-3.7	-2.3	-3.5	-3.7	-3.6	-3.4	-3.6	-2.4	-1.6	-2.5	-2.5	0.01	0.1	0.6	Manufacture of printed circuit boards			
																Manufacture of display components			
3.4	3.5	2.7	2.4	-2.1	-2.1	-1.1	-2.1	-3.4	-3.1	-2.7	-3.0	-2.1	-2.1	0.03	0.5	Manufacture of other components for electronic applications			
1.2	1.3	1.7	1.9	2.2	3.5	3.6	7.5	5.6	6.7	6.5	6.9	6.4	6.1	6.7	6.5	Manufacture of computers and peripheral equipment			
0.2	0.3	0.6	0.8	1.0	0.4	5.8	5.8	5.0	4.3	4.9	4.3	5.7	6.1	6.3	5.9	Manufacture of communication equipment			
3.6	4.0	4.4	4.5	5.0	4.6	6.2	-0.4	-0.1	1.1	7.8	4.7	5.0	4.7	2.9	2.6	Manufacture of consumer electronics			
0.2	-0.7	-0.4	-0.1	0.8	3.7	2.6	3.6	4.3	5.7	5.2	4.7	3.2	3.1	2.6	3.2	Manufacture of measuring, testing, navigating and control equipment; watches and clocks			
0.3	-0.6	-0.4	-0.02	0.3	3.0	1.6	2.8	3.9	5.8	5.3	4.9	3.7	3.6	4.0	5.0	Manufacture of measuring, testing, navigating and control equipment			
																Manufacture of industrial process control equipment			
-0.04	-0.8	-0.5	-0.5	2.7	6.1	6.4	6.4	6.0	5.2	4.6	4.2	1.6	1.1	-1.9	-2.9	Manufacture of watches and clocks and parts			
-6.6	-5.9	-6.3	-6.2	-6.6	-6.5	-2.3	-1.8	-1.7	-0.4	0.2	0.6	1.9	2.4	1.4	1.3	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
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
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		0.7	-5.2
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		-1.6	2.6
27101	Pembuatan motor elektrik, penjana dan transformer	0.7	1.0	-0.5	3.9	2.7	1.0	1.3		2.8	1.2
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.2	1.6	-5.7	-5.0	-2.4	1.6	4.0		-4.7	3.6
272/ 27200	Pembuatan bateri dan akumulator	-0.2	-4.0	1.8	1.2	-5.2	-4.0	-8.4		2.6	-8.7
273	Pembuatan pendawaian dan peranti pendawaian	-2.3	4.2	-1.3	0.8	0.2	4.2	4.3		-1.8	5.7
27310	Pembuatan kabel gentian optikal	4.6	6.2	2.0	5.0	3.9	6.2	7.5		2.9	6.3
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-3.9	4.4	-2.1	0.2	-0.1	4.4	4.3		-2.5	6.1
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		5.4	0.2
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	7.6	4.6	10.6	12.9	4.4	4.6	-4.5		10.6	-2.1
275/ 27500	Pembuatan perkakasan domestik	-0.5	-7.0	-0.8	-3.6	-7.5	-7.0	-9.0		0.1	-8.1
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.4	2.7	-3.1	-1.8	-0.4	2.7	3.5		-2.2	3.6
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-2.4	1.4	-2.2	-2.3	0.2	1.4	1.2		-2.4	1.3
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-15.9	-14.8	-24.7	-26.4	-20.6	-14.8	-10.3		-24.1	-10.4
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		0.3	0.4
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-12.5	-1.8	-12.7	-12.4	-4.7	-1.8	-2.0		-10.0	-4.6
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-9.4	3.4	-10.4	-12.0	1.7	3.4	4.1		-12.0	4.0
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	0.8	3.9	4.5	3.9	4.0	3.9	3.0		3.6	3.9
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1.3	-1.7	0.8	-0.7	-2.0	-1.7	-1.5		1.0	-0.9
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		10.1	5.7
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-1.7	0.4	-5.6	-0.5	0.3	0.4	-0.4		0.9	-0.2
301 (30110 & 30120)	Pembinaan kapal dan bot	9.5	-1.4	6.7	3.7	-1.8	-1.4	-3.4		6.6	-2.2
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	-1.5	3.1	-2.0	1.0	4.0	3.1	2.9		-0.6	2.2
30910	Pembuatan motosikal	10.0	7.3	5.4	9.6	6.5	7.3	7.9		8.6	7.3
30920	Pembuatan basikal dan invalid carriages	-54.4	8.1	-54.2	-47.0	-4.3	8.1	9.2		-54.0	8.3
	Industri lain	1.9	-1.3	3.3	4.1	2.7	-1.3	-2.2		3.5	-2.9
310	Pembuatan perabot	6.1	1.8	5.1	3.4	2.3	1.8	0.7		5.7	0.5
31001	Pembuatan perabot kayu dan rotan	6.2	2.3	4.9	3.0	1.6	2.3	1.1		5.3	0.3
	Industri lain	5.7	0.2	6.0	4.9	4.6	0.2	-0.5		6.9	1.2
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.6	-15.0	-6.2	-6.1	-7.8	-15.0	-12.6		-6.6	-13.0
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		4.4	5.8
32901	Pembuatan alat tulis	-1.5	1.4	-1.0	-1.8	-0.7	1.4	3.7		-0.4	3.4
	Industri lain	5.0	4.4	5.5	5.5	3.8	4.4	6.3		5.7	6.5
323/ 32300	Pembuatan barangan sukan	-22.6	-8.4	-9.1	-7.8	-7.9	-8.4	-12.1		-6.7	-14.0
324/ 32400	Pembuatan permainan dan mainan	-4.8	-0.02	-1.7	-0.5	-2.1	-0.02	0.2		-1.8	0.1
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		1.1	1.8
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	5.3	-0.4	3.8	1.9	0.1	-0.4	-2.0		2.1	-1.9
	Industri lain	3.3	0.3	1.6	0.1	0.2	0.3	2.2		0.9	2.5
Jumlah Pembuatan		1.7	1.0	0.5	1.0	0.8	1.0	1.1		1.0	1.2

2024																2025																Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar.	Apr.																	
-5.7	-4.0	-2.1	0.7	-2.1	-1.9	-3.4	-10.4	-10.7	-10.7	-7.2	-7.1	-3.3	-3.6	-4.5	-5.2	Manufacture of optical instruments, photographic equipment, magnetic and optical media																
-2.0	-3.1	-3.5	-1.6	-0.2	-1.3	1.1	0.1	-0.2	2.3	0.8	1.3	1.0	3.0	2.9	2.6	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus																
-1.6	-1.1	-0.5	2.8	3.8	3.9	3.6	3.6	2.7	2.6	1.1	1.0	1.3	1.5	1.3	1.2	Manufacture of electric motors, generators and transformers																
-2.2	-4.6	-5.7	-4.7	-3.1	-5.0	-0.7	-2.6	-2.4	2.1	0.5	1.6	0.7	4.1	4.0	3.6	Manufacture of electricity distribution and control apparatus																
-0.1	1.9	1.8	2.6	2.4	1.2	0.5	-0.6	-5.2	-6.0	-2.7	-4.0	-1.0	-3.0	-8.4	-8.7	Manufacture of batteries and accumulators																
0.1	-2.0	-1.3	-1.8	1.8	0.8	0.7	0.7	0.2	2.9	3.3	4.2	3.7	4.2	4.3	5.7	Manufacture of wiring and wiring devices																
3.6	2.6	2.0	2.9	3.0	5.0	4.7	4.5	3.9	3.5	3.6	6.2	6.1	7.6	7.5	6.3	Manufacture of fibre optic cables																
-0.8	-3.1	-2.1	-2.5	1.5	0.2	0.1	0.1	-0.1	2.9	3.6	4.4	3.8	4.3	4.3	6.1	Manufacture of other electronic and electric wires and cables																
11.7	11.3	7.7	5.4	5.7	6.7	6.6	6.9	2.6	2.3	-0.7	0.6	-0.3	0.1	1.8	0.2	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material																
10.4	10.0	10.6	10.6	12.5	12.9	11.2	5.6	4.4	4.9	5.7	4.6	0.7	0.5	-4.5	-2.1	Manufacture of electric lighting equipment																
-0.3	-1.6	-0.8	0.1	-3.3	-3.6	-3.8	-7.1	-7.5	-7.4	-7.7	-7.0	-6.1	-5.2	-9.0	-8.1	Manufacture of domestic appliances																
-2.2	-2.8	-3.1	-2.2	-1.6	-1.8	-3.3	-2.8	-0.4	0.6	2.7	2.7	2.7	3.3	3.5	3.6	Manufacture of other electrical equipment																
-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	Manufacture of general-purpose and special-purpose machinery																
-24.1	-24.9	-24.7	-24.1	-23.7	-26.4	-25.1	-19.8	-20.6	-20.2	-20.4	-14.8	-10.1	-10.0	-10.3	-10.4	Manufacture of fluid power equipment																
																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																
4.4	5.7	0.2	0.3	0.5	1.6	2.4	2.1	0.3	1.2	2.2	1.1	1.0	0.9	0.5	0.4	Manufacture of metal-forming machinery and machine tools																
-13.0	-14.0	-12.7	-10.0	-12.8	-12.4	-4.4	-4.9	-4.7	-3.5	-2.7	-1.8	-4.3	-2.2	-2.0	-4.6	Manufacture of air-conditioning machines, including for motor vehicles																
-10.1	-10.9	-10.4	-12.0	-11.9	-12.0	-12.1	-2.5	1.7	2.7	3.3	3.4	5.2	4.7	4.1	4.0	Manufacture of other special-purpose machinery																
2.1	2.3	4.5	3.6	3.9	3.9	7.3	3.6	4.0	3.9	3.5	3.9	2.7	2.9	3.0	3.9	Other industry																
1.8	3.8	0.8	1.0	-1.2	-0.7	-1.1	-0.7	-2.0	-0.3	-0.5	-1.7	-2.0	-1.0	-1.5	-0.9	Manufacture of motor vehicles																
16.2	10.3	10.8	10.1	10.2	7.4	7.1	7.1	6.4	3.5	4.6	4.6	6.1	7.2	6.1	5.7	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers																
-1.1	-2.8	-5.6	0.9	-0.4	-0.5	-0.01	0.5	0.3	1.1	0.3	0.4	-0.7	-0.3	-0.4	-0.2	Manufacture of parts and accessories for motor vehicles																
7.3	6.9	6.7	6.6	4.6	3.7	0.8	-0.6	-1.8	-1.9	-3.7	-1.4	-1.1	-3.4	-3.4	-2.2	Building of ships and boats																
-2.0	-2.4	-2.0	-0.6	0.6	1.0	2.8	2.2	4.0	2.3	3.8	3.1	2.4	3.3	2.9	2.2	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c																
6.5	5.1	5.4	8.6	10.7	9.6	10.1	6.0	6.5	3.5	6.4	7.3	7.1	7.2	7.9	7.3	Manufacture of motorcycles																
-53.9	-53.9	-54.2	-54.0	-50.4	-47.0	-37.5	-15.3	-4.3	3.6	8.0	8.1	7.6	9.5	9.2	8.3	Manufacture of bicycles and invalid carriages																
2.8	3.0	3.3	3.5	3.3	4.1	3.6	1.4	2.7	1.0	1.0	-1.3	-2.2	-0.8	-2.2	-2.9	Other industry																
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	Manufacture of furniture																
4.2	4.8	4.9	5.3	5.0	3.0	1.9	1.8	1.6	1.7	1.7	2.3	2.2	2.4	1.1	0.3	Manufacture of wooden and cane furniture																
5.8	5.7	6.0	6.9	5.4	4.9	5.8	6.9	4.6	2.7	1.5	0.2	-1.9	-1.9	-0.5	1.2	Other industry																
-4.8	-9.3	-6.2	-6.6	-5.9	-6.1	-6.4	-4.7	-7.8	-7.0	-7.8	-15.0	-15.8	-13.2	-12.6	-13.0	Manufacture of jewellery, bijouterie and related articles																
3.3	4.4	4.0	4.4	3.7	3.9	2.6	2.5	2.8	2.8	3.0	3.8	4.6	5.5	5.7	5.8	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.																
-3.8	-1.1	-1.0	-0.4	-3.9	-1.8	-1.5	-0.8	-0.7	-1.5	0.9	1.4	3.5	3.7	3.7	3.4	Manufacture of stationery																
5.4	6.0	5.5	5.7	5.9	5.5	3.7	3.4	3.8	4.0	3.6	4.4	4.9	5.9	6.3	6.5	Other industry																
-18.5	-15.1	-9.1	-6.7	-6.2	-7.8	-7.2	-7.9	-7.9	-8.0	-10.6	-8.4	-9.4	-9.5	-12.1	-14.0	Manufacture of sports goods																
-3.8	-3.1	-1.7	-1.8	-1.6	-0.5	9.8	-0.4	-2.1	-1.5	0.1	-0.02	0.7	0.7	0.2	0.1	Manufacture of games and toys																
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	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment																
0.7	1.4	3.8	2.1	2.0	1.9	3.6	2.0	0.1	0.1	-0.3	-0.4	-0.8	-0.6	-2.0	-1.9	Repair and maintenance of transport equipment except motorcycles and bicycles																
2.6	1.9	1.6	0.9	0.0	0.1	-0.4	0.9	0.2	0.4	0.3	0.3	1.0	2.2	2.2	2.5	Other industry																
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	Total Manufacturing																

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		Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	2.1	-2.8	5.1	-0.1	-0.5		1.1	0.6	0.3	-0.5	0.3
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	1.6	0.2	-1.4	-0.1	0.8		2.7	-0.4	-0.7	1.3	0.1
	10201 Pengetinan ikan, krustasea dan moluska	1.1	0.3	-3.0	0.2	1.3		2.7	-0.9	-0.7	1.4	0.2
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	4.1	-0.2	6.7	-1.6	-1.2		2.7	2.1	-0.7	0.8	-0.3
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	6.5	-3.6	-6.6	-2.0	2.4		3.7	2.0	0.7	-0.5	-2.3
	10303 Pengetinan nanas	2.4	-2.9	-3.4	-1.4	1.5		-4.1	10.0	-2.9	0.7	-4.1
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	6.8	-3.6	-6.7	-2.0	2.5		4.2	1.6	0.9	-0.5	-2.2
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-0.7	1.4	0.8	1.1	-0.6		-0.1	-0.4	-0.1	0.3	0.5
	10404 Pembuatan minyak sayuran mentah dan bertapis	2.8	1.4	2.3	0.2	1.0		-1.2	3.7	0.3	1.9	-0.2
	10406 Pembuatan sebatian lemak masakan	1.4	-0.2	-0.1	-0.3	1.7		1.4	0.1	-0.1	0.0	0.1
	10405 Pembuatan minyak kelapa Industri lain	-0.9	1.4	0.7	1.2	-0.8		-0.1	-0.7	-0.1	0.2	0.5
105	Pembuatan produk tenusu	1.9	-1.0	1.5	-0.5	1.7		1.1	-0.6	1.5	0.1	0.8
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	3.4	-2.2	0.7	-0.8	2.7		2.1	-0.9	2.3	-0.1	0.9
		-1.7	2.2	3.3	0.1	-0.9		-1.4	0.05	-0.4	0.8	0.4
106	Pembuatan produk bijian, kanji dan produk berkanji	-1.8	-1.1	5.5	-1.9	2.9		0.7	-2.3	-0.2	-0.6	-0.3
	10611 Pengilangan beras	0.7	-2.4	7.7	-3.4	4.4		1.7	0.5	-1.4	-0.8	-0.3
	10613 Pengilangan tepung Industri lain	-4.4	0.3	4.8	-0.1	2.2		0.05	-5.5	1.1	-0.3	-0.2
		-2.2	-0.8	-3.2	-3.3	-2.7		-2.0	-0.4	0.2	-1.5	-0.8
107	Pembuatan produk makanan lain	0.2	-0.1	3.2	-0.3	-0.2		1.1	-0.4	-0.5	0.7	0.1
	10711 Pembuatan biskut dan cookies	-3.1	1.0	4.9	-1.6	-3.5		0.4	-1.1	-2.4	-0.1	1.2
	10712 Pembuatan roti, kek dan produk bakeri lain	-0.6	2.4	3.2	-1.1	-0.2		0.6	0.1	-1.4	3.2	0.1
	10713 Pembuatan produk snek	-0.4	0.9	2.4	-0.6	0.2		1.7	-1.6	-0.5	-0.1	0.5
	10721 Pembuatan gula	-0.4	0.0	-1.0	1.0	0.5		0.2	0.2	-0.8	-0.2	0.3
	10731 Pembuatan produk koko	-2.8	-6.5	-1.0	1.0	0.8		0.3	-0.2	-2.9	-1.5	-4.4
	10732 Pembuatan coklat dan produk coklat	0.6	-1.4	1.2	0.6	1.0		1.5	-0.6	-0.3	-0.8	0.3
	10733 Pembuatan konfeksi gula	3.2	-3.1	11.3	0.9	2.4		2.4	-0.2	1.1	0.2	-1.0
	10793 Pembuatan sos dan bahan perasa	2.4	-1.6	3.8	-1.0	-2.9		2.5	0.3	-0.4	-0.3	0.1
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	0.4	-0.3	0.5	0.5	1.0		0.7	-0.7	0.4	0.2	0.4
108/ 10800	Pembuatan makanan haiwan tersedia	2.1	-1.1	-1.0	1.9	3.1		1.7	0.1	0.2	0.1	0.1
110	Pembuatan minuman ringan	1.9	1.2	-2.2	1.7	2.1		1.4	0.02	0.5	0.9	0.1
	11041 Pembuatan minuman ringan	1.6	1.8	-2.3	1.8	0.9		0.8	-0.2	0.9	1.0	0.1
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	3.3	-0.2	-1.5	1.4	5.0		3.6	0.1	-0.3	0.3	0.5
		1.1	1.0	-3.3	1.5	2.6		-0.1	1.1	0.1	1.4	-0.9
120/ 12000	Pembuatan produk tembakau	5.7	-6.0	1.8	0.3	5.1		1.0	3.7	0.9	-5.7	-0.8
131	Pemintalan, penenunan dan penyiapan tekstil	2.0	1.9	1.1	-0.9	-0.1		-0.4	-0.2	2.7	0.9	2.1
	13110 Penyediaan dan pemintalan gentian tekstil	2.9	1.9	-3.1	0.3	0.6		-0.6	-0.2	3.7	1.7	1.6
	13120 Penenunan tekstil	-0.7	2.0	12.0	-3.6	-1.1		-0.1	-0.3	-0.2	-1.2	2.9
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	4.9	1.8	3.7	-1.9	-2.9		1.3	0.0	3.6	0.0	5.4
139	Pembuatan tekstil lain	-1.6	0.4	0.04	-0.5	-1.5		1.4	-2.9	-0.1	0.1	1.1
	13910 Pembuatan fabrik dikait dan dikrusye Industri lain	-2.2	2.7	-1.2	-0.3	-3.5		1.1	-3.6	0.3	0.3	3.2
		-1.2	-0.9	0.8	-0.6	-0.3		1.6	-2.4	-0.3	-0.03	-0.1
141	Pembuatan pakaian, kecuali pakaian berbulu	1.6	-0.9	-1.8	-0.3	3.8		0.9	0.2	0.4	-0.4	0.4
	14102 Pembuatan pakaian Industri lain	2.2	-0.9	-2.4	-0.3	4.4		1.3	0.3	0.7	-0.6	0.7
		-0.2	-0.7	-0.1	-0.3	2.4		0.1	-0.03	-0.3	0.2	-0.4
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	0.6	-0.3	1.0	-5.1	0.5		0.7	-0.2	0.1	2.5	-0.5
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		-0.6	-0.4	-1.2	-0.3	-0.3
152	Pembuatan kasut	2.0	1.0	0.1	1.8	0.6		1.6	1.2	-0.8	-0.3	1.5
	15201 Pembuatan kasut kulit	0.3	-0.1	-1.2	1.6	-3.8		2.9	-0.6	-1.9	-1.2	1.2
	15203 Pembuatan kasut getah Industri lain	3.8	2.1	1.5	2.0	5.0		0.1	3.4	0.3	0.6	1.8
161/ 16100	Pengilangan dan pengetaman kayu	-0.7	-0.4	1.0	0.8	-1.0		-1.0	-1.2	1.5	0.2	1.6

(%)

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-2.6	0.6	0.01	4.5	-0.2	-0.2	0.3	0.8	-2.0	0.7	1.1	Processing and preserving of meat
-1.2	-1.0	-1.6	1.2	-1.6	0.1	1.4	1.3	-0.5	0.03	0.3	Processing and preserving of fish, crustaceans and molluscs
-1.2	-1.4	-3.1	1.6	-1.0	-0.6	1.9	1.8	-0.7	0.2	0.3	Canning of fish, crustaceans and molluscs
-0.8	1.2	5.6	-0.3	-4.1	3.5	-0.8	-0.8	0.2	-0.7	0.3	Processing, curing and preserving of fish, crustacean and molluscs
-0.9	-2.2	-1.3	-3.2	-0.8	-1.0	-0.2	2.4	1.1	-1.1	0.5	Other industry
											Processing and preserving of fruits and vegetable
0.6	-0.2	-2.0	-1.2	-1.3	0.2	-0.2	-4.4	6.8	-0.6	-0.8	Pineapple canning
-1.0	-2.3	-1.2	-3.3	-0.8	-1.1	-0.2	2.8	0.8	-1.1	0.6	Manufacture of jams, marmalades and table jellies
0.6	1.0	-0.1	-0.1	-0.05	0.7	0.5	-0.02	-0.3	-0.3	-0.3	Other industry
-0.4	0.04	2.7	-0.5	0.5	-0.3	0.02	2.7	-1.5	-0.2	0.01	Manufacture of vegetable and animal oils and fats
-0.3	0.3	-0.1	-0.2	0.1	-0.5	0.0	2.4	-0.4	-0.3	-0.3	Manufacture of crude and refined vegetable oil
0.7	1.1	-0.3	-0.1	-0.1	0.8	0.5	-0.3	-0.2	-0.3	-0.3	Manufacture of compound cooking fats
-1.8	0.2	1.3	-0.1	-0.4	0.1	-0.3	-0.4	-0.9	3.0	0.2	Manufacture of coconut oil
-3.0	0.2	1.0	-0.5	-0.7	0.1	-0.2	-0.8	0.0	3.5	0.4	Other industry
1.0	0.3	2.0	1.1	0.4	0.1	-0.4	0.4	-3.1	1.9	-0.3	Manufacture of dairy products
-0.2	-1.0	1.5	5.0	-0.4	-0.5	-1.0	1.5	2.1	-0.7	-0.8	Manufacture of condensed, powdered and evaporated milk
-1.3	-0.5	2.1	6.0	-0.9	-1.7	-0.8	2.6	2.3	-0.6	-1.0	Other industry
0.8	-1.8	1.6	4.9	0.4	0.9	-1.4	0.8	2.4	-0.9	-0.5	Manufacture of grain mill products, starches and starch products
1.4	0.4	-2.9	-0.8	-2.5	-0.8	-0.1	-1.4	-1.0	-0.3	-1.5	Rice milling
-0.9	1.3	1.2	0.7	0.3	-0.2	-0.4	0.7	-0.1	-0.7	0.7	Flour milling
0.02	3.0	0.9	0.9	-0.5	-0.3	-0.8	-1.2	-2.6	0.3	-0.8	Other industry
-0.8	2.4	0.6	0.2	-0.4	-0.2	-0.5	0.4	-0.6	-0.02	2.6	Manufacture of other food products
0.5	0.7	-0.2	2.0	0.4	0.3	-1.3	-0.1	0.05	0.3	-0.3	Manufacture of biscuits and cookies
-0.1	-0.3	-0.3	-0.3	-0.5	0.2	1.4	0.0	-0.1	0.6	1.2	Manufacture of bread, cakes and other bakery products
-0.7	-0.4	-0.7	0.2	0.4	0.3	0.4	3.8	0.2	-3.1	2.4	Manufacture of snack products
-0.9	1.1	-1.1	1.3	0.9	-0.3	-0.1	0.9	1.0	-1.0	2.2	Manufacture of sugar
-2.3	1.3	9.5	0.3	1.0	0.03	-0.2	2.6	0.2	-0.3	-0.4	Manufacture of cocoa products
-1.5	1.9	-0.2	2.1	-0.2	-0.5	-0.3	1.9	0.3	-5.0	0.1	Manufacture of chocolate and chocolate products
-1.0	-0.2	0.7	0.1	1.2	-0.5	-0.2	0.4	0.6	0.04	0.03	Manufacture of sugar confectionery
-1.4	-0.2	0.8	-1.6	1.0	0.4	0.6	2.8	0.04	0.3	-0.1	Manufacture of sauces and condiments
0.3	-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2	0.6	0.5	Manufacture of other food products n.e.c.
0.7	-0.3	-2.6	0.6	0.8	-0.2	1.3	0.2	-0.01	0.7	-0.5	Other industry
-1.0	-0.2	-1.4	0.2	0.8	-0.05	0.6	3.8	0.7	0.5	3.0	Manufacture of prepared animal feeds
0.4	-0.8	-0.4	-2.1	0.8	-0.9	1.7	2.5	0.3	-0.2	-0.1	Manufacture of beverages
0.5	-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6	0.8	-5.0	Manufacture of soft drinks
-1.0	0.7	0.1	0.3	-1.1	0.2	-0.1	-0.2	-1.3	1.5	1.7	Production of natural mineral waters and other bottled waters
-1.4	-1.2	-1.1	-0.9	-0.4	0.5	0.2	-0.1	-1.9	2.6	1.4	Other industry
0.3	6.4	2.4	2.8	-2.4	-0.4	-0.8	-0.4	-0.1	-0.7	2.4	Manufacture of tobacco products
-3.3	-3.4	3.4	3.8	-1.9	0.0	0.0	-1.4	0.3	-1.7	2.1	Spinning, weaving and finishing of textiles
-0.8	-1.3	1.2	0.1	0.1	-0.5	-0.1	0.6	-2.4	0.3	0.4	Preparation and spinning of textile fibres
-0.8	-1.1	1.2	-1.3	-0.3	-0.04	-0.02	-0.1	-3.6	0.2	2.5	Weaving of textiles
-0.7	-1.4	1.2	1.0	0.3	-0.7	-0.1	1.0	-1.7	0.3	-0.7	Dyeing, bleaching, printing and finishing of yarns and fabrics
-0.9	-0.9	-2.2	1.3	-1.5	0.6	0.7	3.1	0.4	0.3	-0.6	Other industry
-1.0	-0.7	-3.1	1.4	-1.8	0.8	0.8	3.9	-0.1	0.7	-0.4	Manufacture of other textiles
-0.5	-1.4	0.2	1.1	-0.7	-0.01	0.5	1.1	1.8	-0.6	-1.0	Manufacture of knitted and crocheted fabrics
-2.2	-0.4	-1.3	2.7	-5.1	0.5	-0.5	0.5	0.0	0.0	0.0	Other industry
-1.2	0.6	1.3	2.9	-0.1	-0.5	-1.2	-0.03	0.02	-1.2	0.5	Manufacture of wearing apparel, except fur
-0.1	-1.0	-0.5	1.5	1.2	0.8	-0.1	-0.1	1.8	-1.1	-0.7	Manufacture of clothings
-0.04	-1.7	0.5	-0.03	1.2	1.1	-0.7	-0.2	0.1	-3.7	-0.8	Other industry
-0.3	-0.2	-1.5	3.2	1.1	0.4	0.4	0.1	3.4	1.4	-0.6	Manufacture of articles of fur, knitted and crocheted apparel
-2.1	-1.1	3.1	-0.9	0.4	0.4	-0.1	-0.4	1.3	-1.8	3.4	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
											Manufacture of footwear
											Manufacture of leather footwear
											Manufacture of rubber footwear
											Other industry
											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	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-2.9	2.9	-0.6	1.0	-2.8	-0.8	0.1	-2.3	1.2	1.7
16211	Pembuatan kepingan venier dan papan lapis	-4.5	3.8	2.2	1.4	-3.0	-1.8	0.2	-3.0	0.6	2.3
16212	Pembuatan papan partikel dan papan gentian	0.7	4.4	-1.1	-0.8	-1.6	-0.6	2.3	-1.0	0.1	4.3
16221	Pertukangan kayu untuk jurubina	-0.2	-1.9	-7.0	-3.1	0.9	0.9	-0.5	-0.7	-0.3	-0.3
	Industri lain	-2.0	3.2	-3.7	3.7	-4.8	0.8	-0.9	-1.9	4.7	0.1
170	Pembuatan kertas dan produk kertas	1.0	-3.0	1.4	1.3	0.6	0.3	0.8	-0.1	-1.3	-1.7
17010	Pembuatan pulpa, kertas dan kertas tebal	2.8	-5.8	3.5	5.7	5.8	3.2	0.3	-0.6	-0.2	-5.4
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-0.4	-2.8	1.3	0.1	-0.4	-0.8	0.4	-0.01	-2.7	-0.2
17091	Pembuatan sampul surat dan kad surat	-2.7	-2.3	0.2	2.3	-0.6	0.3	0.0	-3.0	-1.7	0.2
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	-0.1	-4.2	2.0	0.1	-1.8	0.2	0.2	-0.5	-0.3	-4.0
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	0.4	4.3	0.3	0.2	-0.4
	Industri lain	1.8	-1.3	5.1	2.4	-3.6	0.5	-0.1	1.4	-1.3	0.7
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	-4.1	-0.5	1.5	4.1	-4.2	-3.8	-0.02	-0.3	-0.7	0.2
18110	Percetakan	-4.4	-1.1	2.3	3.9	-4.1	-4.2	-0.1	-0.2	-1.0	-0.03
18120	Aktiviti perkhidmatan berkaitan percetakan &	-2.4	2.0	-2.4	4.8	-4.8	-2.0	0.3	-0.7	0.4	1.1
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	1.9	-2.6	-0.2	1.5	2.5	-1.2	1.5	1.7	-1.5	-1.1
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	1.1	0.7	1.2	0.8	-0.8
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	7.7	1.8	1.5	3.2	-1.2	3.2	-0.2	4.6	0.2	1.4
20112 & 20113	Pembuatan kimia organik asas	2.2	-0.8	1.2	2.2	2.3	-0.05	1.1	1.2	0.8	-1.0
20121 & 20129	Pembuatan sebatian bukan organik	2.7	-0.9	-2.7	-0.6	3.8	2.3	-0.04	0.5	2.3	-3.1
20121 & 20129	Pembuatan baja	2.7	-0.9	-2.7	-0.6	3.8	2.3	-0.04	0.5	2.3	-3.1
20129	Pembuatan produk campuran nitrogen	1.9	-0.6	0.2	2.5	2.8	0.8	1.0	0.1	0.3	-0.2
20131	Pembuatan plastik dalam bentuk primer	3.5	0.0	1.6	3.9	2.5	2.2	0.4	0.8	0.3	-0.3
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	0.9	-1.2	-3.6	1.0	1.1	-0.2	0.3	0.8	-1.0	0.2
20210	Pembuatan racun perosak dan produk agrokimia lain	1.2	1.0	6.7	1.8	-0.8	1.5	-0.6	0.3	0.6	0.6
20221	Pembuatan cat, varnis dan penyadur dan mastik	5.7	-4.2	-2.9	1.5	1.0	2.8	0.2	2.6	-3.8	-0.4
20222	Pembuatan dakwat cetak	2.4	0.4	-6.4	-0.4	2.4	0.7	-0.2	1.9	0.7	-0.4
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	-0.8	-0.6	-3.2	0.3	3.7	-2.8	1.4	0.6	-0.6	0.8
20231 & 20232	Pembuatan pewangi dan penyediaan dandanan diri										
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	-0.7	-1.3	-6.3	1.8	-2.2	0.5	-0.6	-0.6	-0.8	-0.2
20292 & 20299	Pembuatan dakwat menulis dan melukis										
20299	Pembuatan produk kimia lain t.t.t.l.	5.5	-5.1	-12.0	0.0	4.9	0.0	2.5	3.0	-2.1	-0.5
	Industri lain										
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-2.3	2.7	4.7	-2.0	-3.2	-2.4	-0.01	0.1	4.3	-1.4
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	-3.4	-0.1	-0.4	5.9	-2.5
	Industri lain	1.5	1.0	1.6	-3.4	0.5	-0.02	0.3	1.2	0.9	0.9
221	Pembuatan produk getah	-1.7	-3.8	3.9	-0.6	-2.4	-1.0	-0.2	-0.4	-1.0	-0.4
22111	Pembuatan tayar getah untuk kenderaan	-0.4	-0.4	-2.2	-0.7	-0.6	0.6	-0.7	-0.4	1.5	-0.5
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	0.1	-3.0	-0.4	-0.5	1.2	0.3	0.4	-0.6	-0.5	-0.2
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	2.4	1.1	-7.3	-1.3	-0.9	1.6	0.6	0.2	1.2	-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	-3.0	0.1	-0.5	-2.8	-0.6
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.4	-4.8	6.3	-0.1	-2.0	0.5	-1.2	-0.6	0.4	0.05
222	Pembuatan produk plastik	-0.3	1.4	0.8	0.3	-0.4	0.3	-0.4	-0.2	1.6	0.5
22201 & 22202	Pembuatan produk plastik separa siap	-1.3	2.4	0.9	-0.5	0.1	-0.2	0.3	-1.3	3.4	1.0
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-0.2	0.1	2.1	-0.01	-0.8	0.5	-0.3	-0.3	1.0	-0.1
22204	Pembuatan barangan plastik jurubina	0.9	1.4	0.9	2.1	-1.3	1.7	-0.8	0.0	1.2	0.5
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	3.4	-0.05	-2.4	0.1	-1.3	2.7	-0.1	0.8	-0.2	-0.1
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-0.7	2.3	0.2	1.2	-0.2	-0.1	-1.1	0.5	1.4	0.8
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	1.6	6.2	0.7	-3.3	-1.6	0.3	0.7	0.7	1.0	4.3

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-0.01	0.5	-2.1	1.0	0.7	1.5	-1.1	-1.2	-0.2	-1.4	0.7	Manufacture of products of wood, cork, straw and plaiting materials
0.8	1.3	-1.1	2.0	0.3	2.4	-1.3	-1.8	0.2	-1.4	0.3	Manufacture of veneer sheets and plywood
0.03	-1.0	-0.5	0.3	0.6	-1.2	-0.1	-0.6	-0.5	-0.5	-0.1	Manufacture of particle board and fibreboard
-1.3	-0.1	-6.7	-0.2	-0.6	0.01	-2.5	1.6	0.05	-0.8	-0.4	Manufacture of builders' carpentry
-1.5	-0.8	-2.3	-0.7	2.5	1.1	0.05	-1.3	-1.1	-2.5	3.3	Other industry
-0.1	-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0	-0.4	-1.1	Manufacture of paper and paper products
-0.2	0.4	3.1	-0.05	2.3	-0.4	3.8	3.6	2.7	-0.5	0.1	Manufacture of pulp, paper and paperboard
0.04	-1.4	0.6	2.1	1.3	-0.3	-0.8	-0.5	0.3	-0.2	-2.8	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-0.8	0.5	0.2	-0.5	0.6	1.7	0.0	0.3	-0.5	-0.4	0.2	Manufacture of envelopes and letter-card
-0.02	-1.6	-0.2	3.9	1.4	-0.9	-0.4	-0.9	-0.5	-0.4	0.03	Manufacture of household and personal hygiene paper
0.1	0.5	-3.6	-0.9	0.1	-1.0	1.2	-0.3	5.0	0.2	-0.2	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
-0.7	2.6	3.1	-0.6	2.8	1.6	-1.9	-1.5	-0.6	-1.5	-0.4	Other industry
0.02	0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1	-0.4	-0.01	Printing, service activities related to printing and reproduction of recorded media
-0.1	-0.1	2.5	-0.1	2.5	1.7	-0.3	-4.1	0.3	-0.3	-0.1	Printing
0.5	0.6	-0.8	-2.2	3.5	0.1	1.1	-3.6	-0.5	-0.8	0.3	Service activities related to printing
											Reproduction of recorded media
-0.1	0.4	0.3	-0.9	1.4	0.4	-0.3	0.3	1.4	0.8	-0.8	Manufacture of refined petroleum products
-0.4	-0.1	1.1	-0.5	1.5	0.6	-0.01	0.3	1.2	0.7	0.2	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
0.2	0.4	0.2	0.9	0.5	2.8	-0.1	-0.1	-0.9	-0.2	-0.6	Manufacture of liquefied or compressed inorganic industrial or medical gases
-0.5	0.3	1.3	-0.4	2.0	-0.2	0.3	-0.5	2.5	0.2	0.6	Manufacture of basic organic chemicals
											Manufacture of inorganic compounds
											Manufacture of fertilizers
-0.1	-0.2	0.3	-2.8	0.6	0.8	-2.1	1.1	-0.1	2.8	0.9	Manufacture of associated nitrogen products
-0.7	-1.4	1.8	-0.3	1.3	0.9	0.3	1.6	0.9	0.4	0.2	Manufacture of plastics in primary forms
-0.1	0.4	1.4	-0.2	2.9	-0.4	1.3	-0.2	1.1	1.6	-1.4	Other industry
-0.4	-1.5	-0.1	-2.0	0.6	0.1	0.2	-0.2	0.7	0.6	-0.8	Manufacture of other chemical products and man-made fibres
-0.2	-0.2	4.1	2.6	1.9	0.005	-0.1	-0.7	-0.4	0.3	0.1	Manufacture of pesticides and other agrochemical products
-0.1	-1.1	-0.4	-1.5	0.02	0.5	1.0	-1.2	0.5	1.8	-4.7	Manufacture of paints, varnishes and similar coatings ink and mastics
0.2	-7.2	0.4	0.4	-0.1	-0.1	-0.2	0.8	-0.3	1.9	-0.1	Manufacture of printing ink
-0.8	-0.7	0.6	-3.2	0.4	0.1	-0.2	0.7	2.3	0.6	0.7	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
-0.4	-0.9	-2.2	-3.3	1.3	-0.1	0.5	-0.8	-0.7	-0.7	-1.0	Manufacture of writing and drawing ink
											Manufacture of other chemical products n.e.c.
-2.5	-1.0	-5.6	-5.8	0.5	-1.3	0.8	0.5	1.4	3.0	0.6	Other industry
-0.2	1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6	-0.3	4.6	Manufacture of pharmaceuticals, medicinal chemical and botanical products
0.1	1.8	4.3	-0.03	0.2	-1.6	0.0	-3.7	-1.0	-0.1	6.8	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
-0.8	1.8	0.1	-0.3	1.2	-4.6	0.02	0.7	0.5	-0.7	-0.2	Other industry
-2.5	0.3	2.7	0.8	-0.1	-0.4	-0.1	-1.1	-0.6	-0.7	-1.1	Manufacture of rubber products
-1.3	-1.7	-0.7	0.1	-0.4	0.6	-0.9	-0.5	0.5	-0.6	-0.4	Manufacture of rubber tyres for vehicles
-2.3	1.0	-1.9	0.4	1.8	-2.1	-0.2	1.2	0.4	-0.4	-1.8	Manufacture of interchangeable tyre treads and retreading rubber tyres
0.4	-0.3	-5.7	-1.4	-0.6	-0.5	-0.2	-0.8	-0.4	0.3	-0.5	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
											Rubber remilling and latex processing
-2.1	0.3	5.9	1.4	-0.5	-0.1	-0.01	-2.4	-0.3	-0.9	-2.0	Manufacture of rubber gloves
-5.2	1.1	3.8	1.3	1.0	-0.9	-0.2	0.7	-1.6	-1.0	0.2	Manufacture of other rubber products n.e.c.
-0.7	2.2	-1.4	0.1	0.2	0.9	-0.8	0.1	-0.3	-0.3	1.4	Manufacture of plastics products
-1.9	0.1	0.6	0.3	-0.4	0.4	-0.6	0.3	0.2	-0.3	2.3	Manufacture of semi-manufactures of plastic products
											Manufacture of finished plastic products
-0.8	0.1	0.4	1.6	0.8	-0.3	-0.5	-0.3	-0.2	-0.3	1.6	Manufacture of plastic articles for the packing of goods
-0.2	-1.0	0.1	1.8	0.8	1.1	0.2	-1.4	0.4	-0.3	0.9	Manufacture of builders' plastics ware
0.2	0.3	-0.2	-2.5	0.3	-0.1	-0.1	-0.6	-0.3	-0.4	-0.1	Manufacture of plastic tableware, kitchenware and toilet articles
0.1	6.2	-4.7	-0.9	0.02	2.7	-1.5	0.7	-0.8	-0.1	1.0	Manufacture of diverse plastic products n.e.c.
0.8	-2.9	3.5	0.2	-1.5	-1.2	-0.7	-0.9	-0.6	-0.1	0.6	Manufacture of glass and glass products

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	Jan.	Feb.	Mac	Apr.	Mei
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-4.3	0.5	2.6	0.3	-0.4	-2.4	-1.7	-0.2	0.7	-0.4
23911	Pembuatan mortar refraktori dan konkrit										
&		-8.1	-2.8	0.1	5.0	-1.2	-5.5	-1.9	-0.8	-0.6	-2.5
23921	Pembuatan seramik bukan refraktori										
23930	Pembuatan produk porselin dan seramik lain	-2.3	-1.7	1.1	-4.6	-0.02	-1.7	-1.7	1.1	-1.3	-0.3
23941	Pembuatan simen hidrolik	-3.0	-0.6	4.1	0.8	1.6	0.9	-0.3	-3.6	0.03	-0.2
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	-5.4	1.9	3.3	1.1	-3.8	0.2	-6.0	0.5	-0.04	1.1
23952	Pembuatan konkrit pratuangan, simen atau artikel batu										
&	buatan yang digunakan dalam pembinaan;										
23953	Pembuatan komponen struktur pasang siap untuk bangunan	-6.2	1.2	0.9	-0.6	1.1	-6.3	-0.4	0.6	1.9	-1.4
&	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.	-0.5	-0.7	11.4	-0.1	-0.5	1.1	-0.2	-1.4	-0.3	2.4
	Industri lain	2.5	2.0	-0.2	-0.2	0.1	2.7	-0.03	-0.1	1.7	-0.6
241											
(24101 &											
24102 &	Pembuatan besi dan keluli asas	0.6	0.0	2.5	0.2	-0.7	0.9	-1.3	1.0	-0.2	-0.02
24103 &											
24104 &											
24109)											
242											
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	0.2	-0.8	-2.4	-0.2	0.7	1.2	-0.7	-0.3	-0.3	-0.2
24202 &											
24209)											
243	Pengacuan logam	4.0	-4.3	2.9	0.2	4.5	2.6	2.0	-0.6	-0.2	-0.7
251 &											
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.0	0.3	0.6	0.4	2.7	0.2	-0.4	1.2	-0.2	-0.5
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan										
&	pintu pagar daripada logam	0.7	0.3	2.2	1.7	3.6	-0.4	-0.4	1.5	-0.02	-1.1
25119	Pembuatan produk struktur logam lain										
25120	Pembuatan tangki, takungan dan kontena daripada logam	1.7	1.2	-5.1	-2.9	0.1	1.8	0.2	-0.4	0.2	1.0
	Industri lain	1.7	-0.9	-0.4	-2.4	0.6	1.2	-1.2	1.7	-1.6	0.9
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	1.4	-1.8	2.3	0.4	-0.6	1.1	-0.1	0.4	-0.7	0.2
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.6	-1.6	8.1	-0.01	-2.3	-0.1	-2.9	0.4	-0.2	0.2
25920	Rawatan dan penyalutan logam; menggunakan mesin	5.4	-8.0	-11.4	-0.02	-0.7	1.8	0.1	3.4	-4.5	-1.3
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	3.9	-0.6	8.9	0.7	1.2	4.9	-1.8	0.9	-0.8	0.5
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	1.9	-1.3	0.9	-1.5	-0.8	2.3	0.1	-0.4	-0.3	0.1
&											
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya										
25994	Pembuatan barangan rumah daripada logam	-1.5	-7.0	1.1	11.1	-2.3	-0.4	0.1	-1.2	-1.0	0.0
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	0.9	-0.4	4.0	1.4	-0.3	0.4	0.3	0.3	0.5	0.6
	Industri lain	3.8	0.9	-0.2	-1.0	1.5	0.2	4.4	-0.7	-1.2	1.1
261	Pembuatan komponen dan papan elektronik	-3.7	2.4	-0.6	-0.2	-2.4	-1.4	-1.7	-0.6	1.2	0.7
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya										
&		-3.2	1.6	-0.4	0.2	-3.1	-1.5	-1.4	-0.3	1.6	0.1
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro										
26103	Pembuatan kapasitor dan perintang elektrik										
&											
26104	Pembuatan papan litar bercetak	-4.8	3.7	-0.6	-0.6	-2.3	-1.6	-2.3	-1.0	1.0	1.8
&											
26105	Pembuatan komponen paparan										
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.5	0.4	-1.9	-1.1	2.6	0.4	0.1	-0.9	-0.6	0.2
262											
(26201 &	Pembuatan komputer dan kelengkapan peranti	0.7	2.0	1.8	2.3	0.4	-0.4	0.3	0.7	-0.3	1.3
26202)											
263/											
26300	Pembuatan peralatan komunikasi	-0.9	2.1	2.8	0.3	1.0	-0.8	-0.5	0.4	1.1	1.1
264/											
26400	Pembuatan peralatan elektronik pengguna	-1.8	0.7	4.9	0.8	-3.4	-1.8	-0.3	0.3	-1.6	2.5
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	1.0	4.1	-1.1	0.8	-1.0	0.4	0.4	0.2	0.1	1.7
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah										
&	dan kawalan	0.7	5.1	-2.2	1.4	-0.2	0.5	0.4	-0.2	0.5	1.9
26512	Pembuatan kelengkapan kawalan proses perindustrian										
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.1	0.8	2.8	-1.5	-3.9	0.1	0.2	1.7	-1.2	0.9
266/											
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-3.7	0.2	3.1	1.1	-2.9	-3.4	-0.3	0.02	-0.3	0.3

(%)

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
0.1	1.6	0.3	0.7	0.4	0.2	-0.3	0.4	-1.1	0.3	1.0	Manufacture of non-metallic mineral products
											Manufacture of refractory mortars and concretes
0.3	-0.8	-0.2	1.1	4.1	1.0	-0.2	-1.2	-0.4	0.4	-0.2	Manufacture of non-refractory ceramic
-0.1	2.4	2.6	-3.7	-1.7	-1.4	-1.5	-0.5	1.3	-0.8	-0.7	Manufacture of other porcelain and ceramic products
-0.5	4.9	-0.1	-0.6	0.7	-0.2	0.3	1.2	-0.3	0.7	-0.3	Manufacture of hydraulic cement
0.8	1.9	0.0	1.4	0.8	0.2	0.1	2.1	-6.2	0.4	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
0.7	-0.1	0.1	0.9	0.01	-0.2	-0.4	0.3	0.4	0.4	2.2	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
-2.7	6.0	3.2	1.8	-0.9	0.8	-0.04	0.04	-0.6	0.02	-0.6	Manufacture of other articles of concrete, cement and plaster n.e.c.
0.9	1.4	-1.9	0.2	-0.2	1.4	-1.4	-0.5	0.7	-0.1	0.8	Manufacture of other non-metallic mineral products n.e.c.
											Other industry
0.2	-0.4	0.8	2.2	-0.1	0.03	0.3	0.5	-1.0	-0.2	-0.3	Manufacture of basic iron and steel
-0.3	-0.9	-1.2	-0.4	-0.4	-0.2	0.4	0.6	0.4	-0.3	0.5	Manufacture of basic precious and other non-ferrous metals
-3.4	4.1	-1.8	0.6	1.3	-0.6	-0.4	3.0	0.4	1.1	-0.1	Casting of metals
1.0	-0.02	1.1	-0.5	-0.3	-1.6	2.3	0.9	-0.8	2.6	0.2	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
											Manufacture of metal doors, windows and their frames, shutters and gates
1.5	-0.1	3.9	-1.4	0.4	-2.1	3.5	0.5	-0.8	4.0	-0.5	Manufacture of other structural metal products
-0.04	0.3	-9.7	4.8	-1.9	-0.3	-0.7	1.3	0.0	-1.2	3.0	Manufacture of tanks, reservoirs and containers of metal
-0.2	0.2	0.9	-1.5	-1.9	-0.4	-0.1	2.3	-1.2	-0.5	0.7	Other industry
-1.3	0.5	2.2	-0.4	-0.5	-0.2	1.1	0.02	0.1	-0.7	-0.2	Manufacture of other fabricated metal products; metal working service activities
											Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-1.7	3.2	3.7	1.0	-0.7	-1.0	1.8	1.2	-0.1	-3.4	1.3	Treatment and coating of metals; machining
-2.4	-1.3	-9.5	-0.8	-1.4	0.1	1.2	-0.4	0.2	-0.5	-4.8	Manufacture of tins and cans for food products, collapsible tubes and boxes
-0.3	1.4	9.1	-1.6	1.6	-1.1	0.3	1.0	0.1	0.1	-0.2	Manufacture of metal cable, plaited bands and similar articles
											Manufacture of bolts, screws, nuts and similar threaded products
-1.1	-1.8	3.7	-1.0	-1.1	0.05	-0.4	0.1	-0.4	-0.5	-0.5	
-6.1	-0.5	-0.3	1.9	1.5	9.5	-0.03	-0.7	-0.2	-1.4	1.1	Manufacture of metal household articles
-1.5	0.1	4.1	-0.2	-0.9	-0.5	2.9	-1.0	0.4	0.4	0.7	Manufacture of any other fabricated metal products n.e.c.
1.0	1.7	-0.3	-1.6	-0.1	-0.8	-0.1	-0.2	1.0	0.6	-1.2	Other industry
0.4	-3.3	-0.4	3.2	0.5	-0.2	-0.4	-1.9	-0.8	0.2	1.5	Manufacture of electronic components and boards
											Manufacture of diodes, transistors and similar semiconductor devices
-0.1	-3.6	-1.3	4.6	0.4	-0.3	0.2	-2.5	-1.6	0.9	1.7	Manufacture of electronic integrated circuits micro assemblies
											Manufacture of electrical capacitors and resistors
0.9	-3.4	1.0	1.9	0.7	-0.1	-1.2	-1.6	0.2	-0.8	1.5	Manufacture of printed circuit boards
											Manufacture of display components
0.8	0.2	-1.5	-0.7	-0.2	-0.3	-0.6	1.2	0.2	1.2	-0.1	Manufacture of other components for electronic applications
1.0	-0.5	1.9	0.4	0.8	1.3	0.2	-0.9	0.01	1.3	-0.4	Manufacture of computers and peripheral equipment
-0.1	-1.5	4.2	0.1	0.7	0.4	-0.7	0.6	-0.2	0.6	0.7	Manufacture of communication equipment
-0.1	0.4	-0.6	5.2	-0.7	5.2	-3.5	-1.5	-0.5	-1.4	-1.9	Manufacture of consumer electronics
2.3	-2.6	-1.6	3.2	1.0	0.02	-0.3	-1.0	0.2	-0.2	0.7	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
											Manufacture of measuring, testing, navigating and control equipment
2.6	-3.3	-1.8	3.0	1.6	0.02	-0.2	-0.6	0.3	0.1	1.5	Manufacture of industrial process control equipment
1.0	-0.02	-1.0	3.9	-1.0	-0.01	-0.5	-2.3	-0.2	-1.4	-2.1	Manufacture of watches and clocks and parts
0.3	-4.5	4.4	3.4	0.6	0.2	0.2	-2.2	0.2	-0.9	-0.5	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	Jan.	Feb.	Mac	Apr.	Mei		
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	-1.0	-2.0	-3.0	-1.3	1.7	-4.0	0.7	2.4	1.3	-2.3		
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-1.7	-0.5	4.3	-0.7	-0.2	0.05	-1.7	-0.1	-0.3	0.7		
27101	Pembuatan motor elektrik, penjana dan transformer	0.5	0.6	3.6	-3.5	0.8	-0.1	-0.1	0.7	0.3	0.8		
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.3	-1.3	4.8	1.5	-1.0	0.1	-2.8	-0.7	-0.7	0.5		
272/ 27200	Pembuatan bateri dan akumulator	1.2	-0.9	-2.5	-1.8	-3.4	0.1	1.3	-0.2	-0.2	0.4		
273	Pembuatan pendawaian dan peranti pendawaian	1.9	-1.1	1.4	1.9	2.0	1.9	-0.2	0.2	0.02	0.0		
27310	Pembuatan kabel gentian optikal	-0.04	5.8	-2.4	2.9	1.2	0.1	-0.5	0.4	2.1	1.4		
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	2.2	-1.6	1.5	2.2	2.1	2.1	-0.2	0.3	-0.1	-0.1		
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	0.8	-0.4	-1.1	0.7	0.0		
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1.9	0.2	1.6	0.9	-7.0	1.1	-2.6	3.5	-2.6	1.0		
275/ 27500	Pembuatan perkakasan domestik	4.7	-1.9	-8.5	-1.1	2.5	0.6	-1.1	5.2	-0.6	-0.1		
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.0	-0.6	2.2	2.1	-0.3	0.3	-1.0	-0.4	-0.3	0.1		
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	1.0	1.3	-0.5	-0.5	0.9	0.8	1.3	-1.0	0.1	-0.7		
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-6.1	-1.4	-1.1	-6.9	-1.2	-5.5	-0.1	-0.6	0.3	0.4		
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	1.9	3.0	-4.0	0.4	-0.5		
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	2.2	0.1	-0.3	2.4	-5.7		
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	1.2	0.5	0.2	1.4	1.9	0.3	0.5	0.5	-0.6	0.7		
	Industri lain	2.0	1.6	1.2	-0.9	1.1	0.9	1.0	-0.03	-0.4	-0.1		
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.6	-0.6	2.8	-0.2	-3.4	0.1	-0.3	-3.5	0.1	-0.9		
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	-3.7	-2.6	12.2	-0.6	-2.4	-1.9	-0.9	-1.0	-0.4	0.1		
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-2.6	5.1	-2.1	0.3	-3.4	1.0	-1.0	-2.6	6.7	-0.9		
301 (30110 & 30120)	Pembinaan kapal dan bot	-0.7	-1.5	-0.9	1.8	-2.6	0.9	-0.1	-1.5	-1.2	-0.3		
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	1.0	-0.4	0.8	0.1	0.8		
30910	Pembuatan motosikal	1.8	-0.6	4.9	1.1	2.3	-0.4	-0.4	2.6	0.2	-0.6		
30920	Pembuatan basikal dan invalid carriages	-5.9	8.9	3.5	2.0	-4.9	-2.3	-2.0	-1.7	0.1	5.0		
	Industri lain	1.8	1.2	-1.5	-2.7	0.9	2.5	-0.3	-0.4	0.1	1.7		
310	Pembuatan perabot	1.7	-0.1	-0.1	0.2	0.6	0.8	0.5	0.4	2.0	-0.2		
31001	Pembuatan perabot kayu dan rotan	1.1	0.2	0.3	0.7	-0.2	0.0	0.4	0.6	2.4	-0.1		
	Industri lain	3.9	-0.8	-1.5	-1.3	3.1	3.4	0.6	-0.1	0.5	-0.8		
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.1	-4.6	-5.5	-6.7	3.9	0.5	-2.6	3.2	-1.9	1.2		
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	-0.5	0.9	-0.1	-0.8	0.01		
32901	Pembuatan alat tulis	-1.6	-2.3	6.2	-0.7	0.7	-1.9	0.6	-0.3	0.5	-3.2		
	Industri lain	0.8	0.01	3.2	0.4	2.6	-0.1	1.0	-0.01	-1.2	0.9		
323/ 32300	Pembuatan barangan sukan	11.5	1.3	-16.9	-2.4	6.9	2.3	0.3	8.7	2.2	0.7		
324/ 32400	Pembuatan permainan dan mainan	-0.7	0.2	-1.1	1.6	-0.5	-1.3	0.7	-0.1	-0.6	0.6		
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	1.3	-1.5	-0.1	0.5	2.6	1.4	-0.5	0.4	-0.6	0.1		
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	4.2	-1.1	-2.0	-1.4	2.5	3.0	0.5	0.6	0.4	-2.0		
	Industri lain	0.8	-1.6	0.3	0.9	2.7	1.1	-0.7	0.4	-0.8	0.5		
Jumlah Pembuatan		-0.5	0.3	0.9	0.3	-0.4	-0.1	-0.3	-0.1	0.4	0.2		

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-0.9	-2.4	-1.4	0.9	-0.8	-0.2	-0.3	-0.1	0.4	1.4	0.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-0.8	3.9	0.7	-0.3	1.9	-2.4	-0.2	-0.3	0.3	-0.2	-0.6	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
-0.5	0.8	2.9	-0.2	-0.7	-2.5	-0.4	0.3	0.1	0.5	0.1	Manufacture of electric motors, generators and transformers
-1.1	6.4	-1.0	-0.5	4.0	-2.3	0.0	-0.7	0.5	-0.8	-1.1	Manufacture of electricity distribution and control apparatus
-1.1	-1.3	0.5	-1.7	-0.2	-0.4	-1.2	3.2	-0.7	-5.7	-0.6	Manufacture of batteries and accumulators
-1.1	-0.9	2.0	0.3	2.2	-0.1	-0.2	1.4	0.2	0.3	1.4	Manufacture of wiring and wiring devices
2.1	-1.9	-0.8	0.2	2.3	0.5	0.1	0.01	0.9	0.2	1.0	Manufacture of fibre optic cables
-1.4	-0.6	1.8	0.4	2.4	0.1	-0.3	1.6	0.2	0.3	1.5	Manufacture of other electronic and electric wires and cables
0.9	-4.2	6.7	-0.4	0.0	-3.7	1.5	0.0	0.0	0.6	-0.9	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
1.9	2.1	-0.6	0.1	1.0	0.1	-0.2	-2.7	-2.8	-1.7	-0.2	Manufacture of electric lighting equipment
-1.2	-2.1	-1.8	-4.7	-0.3	-0.8	-0.03	1.6	-0.2	1.0	0.4	Manufacture of domestic appliances
-0.4	-0.6	2.6	0.2	0.4	1.2	0.5	0.3	-0.4	-0.1	-0.2	Manufacture of other electrical equipment
1.9	0.2	-0.2	-0.4	0.2	0.3	-1.0	0.4	1.6	-1.1	0.2	Manufacture of general-purpose and special-purpose machinery
-2.0	0.6	0.1	-1.8	1.3	-0.9	-7.3	-0.3	0.1	-0.9	0.1	Manufacture of fluid power equipment
											Manufacture of other pumps, compressors, taps and valves
3.8	-1.0	-1.6	-1.5	0.8	1.2	-1.1	1.8	2.9	-4.4	0.3	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
-0.1	-1.3	-1.0	1.6	0.3	-0.1	0.3	-0.3	2.3	-0.2	-0.4	Manufacture of air-conditioning machines, including for motor vehicles
0.4	0.4	-1.7	1.6	1.0	0.3	0.1	2.1	0.01	-0.1	-0.7	Manufacture of other special-purpose machinery
2.1	0.9	0.7	-0.5	-0.4	0.1	-0.5	-0.3	1.3	0.1	0.5	Other industry
0.2	1.9	1.9	-1.0	2.2	-0.2	-2.2	-0.2	0.7	-3.9	0.7	Manufacture of motor vehicles
-2.4	1.3	11.1	-0.2	-2.2	0.5	1.1	-0.5	0.1	-2.0	-0.7	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-0.6	0.6	-2.4	-0.3	0.9	-1.1	0.5	-0.1	-0.7	-2.7	6.9	Manufacture of parts and accessories for motor vehicles
-0.01	-0.6	-0.5	0.2	-0.8	-0.3	2.9	1.3	-2.4	-1.5	-0.1	Building of ships and boats
-0.2	2.8	-2.8	1.7	-1.3	1.1	-0.5	0.3	0.4	0.5	-0.5	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
-0.1	7.1	-5.7	3.8	-1.5	2.4	0.2	-0.6	-0.2	3.2	-0.4	Manufacture of motorcycles
3.6	1.8	1.4	0.3	1.2	1.1	-0.3	-2.7	-0.3	-2.0	-0.8	Manufacture of bicycles and invalid carriages
-0.7	-0.8	-0.6	-0.01	-1.4	-0.1	-1.2	1.6	1.1	-1.8	-0.6	Other industry
-1.8	-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6	-0.2	1.8	Manufacture of furniture
-2.2	-1.3	1.8	-0.1	1.2	-1.0	0.5	-0.1	0.7	-0.7	1.7	Manufacture of wooden and cane furniture
-0.4	0.2	-1.8	0.2	0.5	-1.1	-0.7	1.2	0.5	1.3	2.2	Other industry
-3.9	-4.6	0.3	-1.2	1.2	0.0	-7.9	-0.4	0.4	3.9	-2.3	Manufacture of jewellery, bijouterie and related articles
0.3	3.4	0.03	0.4	0.2	0.1	-0.2	0.3	1.7	0.2	-0.7	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
0.4	1.5	4.1	0.6	-1.0	0.1	0.2	0.1	0.8	-0.3	0.2	Manufacture of stationery
0.3	3.9	-1.0	0.3	0.6	0.1	-0.3	0.3	2.0	0.3	-1.0	Other industry
-1.6	0.5	-16.5	-1.1	-1.3	-0.6	-0.6	1.2	0.1	5.6	0.0	Manufacture of sports goods
0.2	0.4	-0.2	-1.4	2.0	0.2	-0.6	-0.6	0.6	-0.6	-0.6	Manufacture of games and toys
-0.9	1.1	0.8	-1.9	0.7	-0.7	0.6	1.9	0.5	0.2	-0.4	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.6	0.7	0.2	-2.9	-2.0	0.4	0.1	2.6	0.7	-0.8	0.5	Repair and maintenance of transport equipment except motorcycles and bicycles
-1.3	1.2	0.9	-1.8	1.2	-0.9	0.6	1.8	0.5	0.4	-0.6	Other industry
-0.3	-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1	-0.2	0.5	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
101	Pemprosesan dan pengawetan daging	426	427	103	104
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	476	478	118	116
	10201 Pengetinan ikan, krustasea dan moluska				
	&	385	376	93	92
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska				
	Industri lain	91	102	25	24
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	224	215	56	55
	10303 Pengetinan nanas				
	&	15	15	4	4
	10304 Pembuatan jem, marmalad dan sajian jeli				
	Industri lain	208	201	53	52
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	3,192	3,413	827	852
	10404 Pembuatan minyak sayuran mentah dan bertapis				
	&	218	224	54	54
	10406 Pembuatan sebatian lemak masakan				
	10405 Pembuatan minyak kelapa	115	121	30	30
	Industri lain	2,859	3,067	742	768
105	Pembuatan produk tenusu	922	1,003	247	247
	10502 Pembuatan susu pekat, tepung dan sejat	814	891	220	218
	Industri lain	107	112	27	29
106	Pembuatan produk bijian, kanji dan produk berkanji	384	350	90	86
	10611 Pengilangan beras	186	172	45	43
	10613 Pengilangan tepung	173	153	39	36
	Industri lain	25	24	6	6
107	Pembuatan produk makanan lain	4,498	4,620	1,155	1,124
	10711 Pembuatan biskut dan cookies	429	454	107	109
	10712 Pembuatan roti, kek dan produk bakeri lain	995	1,029	249	253
	10713 Pembuatan produk snek	250	285	69	70
	10721 Pembuatan gula	71	78	19	19
	10731 Pembuatan produk koko	97	96	23	25
	10732 Pembuatan coklat dan produk coklat				
	&	405	395	104	94
	10733 Pembuatan konfeksi gula				
	10793 Pembuatan sos dan bahan perasa	429	518	130	121
	10799 Pembuatan produk makanan lain t.t.t.l.	564	534	139	130
	Industri lain	1,258	1,230	315	304
108/ 10800	Pembuatan makanan haiwan tersedia	1,141	1,137	279	271
110	Pembuatan minuman ringan	573	615	151	149
	11041 Pembuatan minuman ringan	408	436	105	105
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	128	132	34	32
	Industri lain	36	47	12	12
120/ 12000	Pembuatan produk tembakau	66	66	17	15
131	Pemintalan, penenunan dan penyiapan tekstil	345	355	85	89
	13110 Penyediaan dan pemintalan gentian tekstil				
	&	238	248	59	62
	13120 Penenunan tekstil				
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	98	98	24	24
	Industri lain	9	8	2	2
139	Pembuatan tekstil lain	361	365	91	91
	13910 Pembuatan fabrik dikait dan dikrusye	100	96	24	25
	Industri lain	261	268	67	66
141	Pembuatan pakaian, kecuali pakaian berbulu	939	948	245	233
	14102 Pembuatan pakaian	636	670	174	163
	Industri lain	303	278	71	71
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	25	26	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
152	Pembuatan kasut	214	218	56	53
	15201 Pembuatan kasut kulit				
	&	149	141	36	35
	15203 Pembuatan kasut getah				
	Industri lain	65	77	20	18
161/ 16100	Pengilangan dan pengetaman kayu	526	562	136	136

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
108	113	114	137	154	Processing and preserving of meat
122	122	120	156	160	Processing and preserving of fish, crustaceans and molluscs
96	96	96	123	127	Canning of fish, crustaceans and molluscs
27	26	25	33	32	Processing, curing and preserving of fish, crustacean and molluscs
53	50	52	75	69	Other industry
					Processing and preserving of fruits and vegetable
4	4	4	5	5	Pineapple canning
50	47	48	70	64	Manufacture of jams, marmalades and table jellies
850	884	879	1,110	1,167	Other industry
57	59	65	73	84	Manufacture of vegetable and animal oils and fats
31	30	33	40	44	Manufacture of crude and refined vegetable oil
762	795	782	997	1,039	Manufacture of compound cooking fats
247	262	266	330	356	Manufacture of coconut oil
220	233	236	294	316	Other industry
28	28	30	36	40	Manufacture of dairy products
86	88	93	119	122	Manufacture of condensed, powdered and evaporated milk
43	42	44	59	58	Other industry
38	40	43	51	56	Manufacture of grain mill products, starches and starch products
6	6	6	8	8	Rice milling
1,149	1,192	1,169	1,530	1,550	Flour milling
118	120	114	143	153	Other industry
260	268	256	334	342	Manufacture of other food products
71	73	76	92	100	Manufacture of biscuits and cookies
18	22	20	25	27	Manufacture of bread, cakes and other bakery products
25	24	26	32	35	Manufacture of snack products
93	104	104	135	136	Manufacture of sugar
129	139	133	171	176	Manufacture of cocoa products
128	137	128	182	170	Manufacture of chocolate and chocolate products
307	305	312	415	412	Manufacture of sugar confectionery
285	303	271	368	365	Manufacture of sauces and condiments
149	166	164	202	218	Manufacture of other food products n.e.c.
105	121	116	141	154	Other industry
33	33	36	45	48	Manufacture of prepared animal feeds
11	12	12	16	17	Manufacture of beverages
16	18	17	22	22	Manufacture of soft drinks
90	92	88	114	118	Production of natural mineral waters and other bottled waters
63	64	61	79	82	Other industry
24	26	25	32	33	Manufacture of tobacco products
2	2	2	3	3	Spinning, weaving and finishing of textiles
91	92	91	121	121	Preparation and spinning of textile fibres
24	23	22	32	29	Weaving of textiles
67	68	69	89	92	Dyeing, bleaching, printing and finishing of yarns and fabrics
227	243	247	325	327	Other industry
159	175	184	229	243	Manufacture of other textiles
68	69	63	95	84	Manufacture of knitted and crocheted fabrics
6	6	7	9	9	Other industry
34	36	36	43	48	Manufacture of wearing apparel, except fur apparel
53	57	57	74	75	Manufacture of clothings
34	36	36	48	48	Other industry
19	21	21	26	27	Manufacture of articles of fur, knitted and crocheted apparel
143	148	144	182	193	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
					Manufacture of footwear
					Manufacture of leather footwear
					Manufacture of rubber footwear
					Other industry
					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.
101	Pemprosesan dan pengawetan daging	36	34	34	34	35	35	35
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	40	39	39	38	39	39	40
	10201 Pengetinan ikan, krustasea dan moluska							
	&	31	31	30	30	31	31	31
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska							
	Industri lain	8	8	8	8	8	8	9
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	19	18	19	19	18	18	19
	10303 Pengetinan nanas							
	&	1	1	1	1	1	1	1
	10304 Pembuatan jem, marmalad dan sajian jeli							
	Industri lain	18	17	18	18	17	17	18
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	278	279	270	283	287	282	289
	10404 Pembuatan minyak sayuran mentah dan bertapis							
	&	18	18	18	18	18	18	19
	10406 Pembuatan sebatian lemak masakan							
	10405 Pembuatan minyak kelapa	10	10	10	10	10	10	10
	Industri lain	250	251	241	254	259	254	261
105	Pembuatan produk tenusu	90	76	81	84	83	80	86
	10502 Pembuatan susu pekat, tepung dan sejat	81	67	72	75	73	71	77
	Industri lain	9	9	9	9	10	10	9
106	Pembuatan produk bijian, kanji dan produk	33	28	29	29	29	28	29
	10611 Pengilangan beras	15	15	15	14	14	14	14
	10613 Pengilangan tepung	15	12	12	12	12	12	12
	Industri lain	2	2	2	2	2	2	2
107	Pembuatan produk makanan lain	394	382	379	375	375	374	373
	10711 Pembuatan biskut dan cookies	37	35	35	36	37	36	39
	10712 Pembuatan roti, kek dan produk bakeri lain	84	85	80	85	84	84	82
	10713 Pembuatan produk snek	23	23	23	23	23	24	24
	10721 Pembuatan gula	6	7	6	6	6	6	6
	10731 Pembuatan produk koko	8	7	7	9	8	8	8
	10732 &							
	10733 Pembuatan coklat dan produk coklatPembuatan konfeksi gula	36	34	34	32	31	31	31
	10793 Pembuatan sos dan bahan perasa	41	42	47	42	40	40	40
	10799 Pembuatan produk makanan lain t.t.t.l.	51	43	44	43	43	43	41
	Industri lain	108	105	102	100	102	101	102
108/ 10800	Pembuatan makanan haiwan tersedia	100	91	88	89	90	92	91
110	Pembuatan minuman ringan	51	50	50	51	49	49	49
	11041 Pembuatan minuman ringan	36	35	35	36	34	35	35
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	12	11	11	11	10	10	10
	Industri lain	4	4	4	4	4	4	4
120/ 12000	Pembuatan produk tembakau	6	6	6	5	5	5	5
131	Pemintalan, penenunan dan penyiapan tekstil	30	28	28	29	30	30	30
	13110 &							
	13120 Penyediaan dan pemintalan gentian tekstilPenenunan tekstil	21	19	19	20	21	21	21
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabr	8	8	8	8	8	8	8
	Industri lain	1	1	1	1	1	1	1
139	Pembuatan tekstil lain	31	30	31	30	31	30	30
	13910 Pembuatan fabrik dikait dan dikrusye	8	8	8	8	8	8	8
	Industri lain	23	22	23	22	22	22	22
141	Pembuatan pakaian, kecuali pakaian berbulu	85	80	80	80	79	75	76
	14102 Pembuatan pakaian	61	56	57	56	55	52	53
	Industri lain	25	23	23	24	24	23	22
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	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
152	Pembuatan kasut	19	19	18	18	18	17	17
	15201 Pembuatan kasut kulit							
	&	12	12	12	12	12	12	11
	15203 Pembuatan kasut getah							
	Industri lain	7	6	6	6	6	6	6
161/ 16100	Pengilangan dan pengetaman kayu	44	46	46	46	45	45	48

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
35	37	37	37	38	40	36	39	40	Processing and preserving of meat
41	42	41	40	41	41	40	40	39	Processing and preserving of fish, crustaceans and molluscs
32	33	32	32	32	32	32	32	32	Canning of fish, crustaceans and molluscs
9	9	9	9	9	9	8	8	8	Processing, curing and preserving of fish, crustacean and molluscs
17	17	17	17	17	17	17	17	17	Other industry
									Processing and preserving of fruits and vegetable
1	1	1	1	1	1	1	1	1	Pineapple canning
16	16	16	16	15	16	16	16	16	Manufacture of jams, marmalades and table jellies
278	283	285	283	316	296	297	286	287	Other industry
19	19	20	19	20	22	21	21	20	Manufacture of vegetable and animal oils and fats
10	10	10	10	10	11	11	11	11	Manufacture of crude and refined vegetable oil
248	254	255	253	287	263	266	254	256	Manufacture of compound cooking fats
80	82	83	84	95	98	83	84	90	Manufacture of coconut oil
70	73	73	75	85	87	74	75	80	Other industry
10	9	9	9	10	11	10	9	10	Manufacture of dairy products
28	29	28	28	32	32	32	29	29	Manufacture of condensed, powdered and evaporated milk
14	14	14	14	14	15	15	15	14	Other industry
12	13	12	12	16	16	15	12	13	Manufacture of grain mill products, starches and starch products
2	2	2	2	2	2	2	2	2	Rice milling
382	394	388	394	409	393	389	386	381	Flour milling
39	40	40	40	40	38	37	40	38	Other industry
87	90	85	91	92	87	88	81	86	Manufacture of other food products
24	24	24	24	25	25	25	26	24	Manufacture of biscuits and cookies
6	6	7	7	8	6	7	7	7	Manufacture of bread, cakes and other bakery products
8	9	8	8	8	9	8	8	9	Manufacture of snack products
30	32	33	34	37	35	36	34	32	Manufacture of sugar
43	46	44	45	50	43	43	47	44	Manufacture of cocoa products
42	45	44	46	47	46	42	40	42	Manufacture of chocolate and chocolate products
102	102	102	100	103	104	104	104	100	Manufacture of sugar confectionery
98	96	98	97	107	96	88	87	95	Manufacture of sauces and condiments
49	51	52	55	59	56	54	55	54	Manufacture of other food products n.e.c.
34	37	37	40	44	39	38	38	38	Other industry
11	11	11	11	11	12	12	12	12	Manufacture of prepared animal feeds
4	4	4	4	4	4	4	4	4	Manufacture of soft drinks
5	5	6	5	7	6	6	6	5	Manufacture of beverages
30	30	30	30	31	31	29	29	30	Manufacture of soft drinks
21	21	21	21	22	22	20	20	20	Production of natural mineral waters and other bottled waters
8	8	8	9	9	8	8	8	8	Other industry
1	1	1	1	1	1	1	1	1	Manufacture of tobacco products
30	31	30	31	31	31	30	30	30	Spinning, weaving and finishing of textiles
8	8	8	8	8	7	7	7	7	Preparation and spinning of textile fibres
22	23	23	23	23	23	23	23	23	Preparation and spinning of textile fibres
74	77	76	80	87	84	81	81	80	Weaving of textiles
52	54	53	57	64	63	61	60	59	Dyeing, bleaching, printing and finishing of yarns and fabrics
22	23	23	23	23	21	21	21	21	Other industry
2	2	2	2	2	2	2	2	2	Manufacture of other textiles
11	12	12	12	12	12	12	12	12	Manufacture of knitted and crocheted fabrics
17	18	19	19	19	19	19	18	18	Other industry
11	12	12	12	12	12	12	12	12	Manufacture of wearing apparel, except fur apparel
6	7	7	7	7	7	7	7	7	Manufacture of clothings
47	48	49	49	49	47	49	47	49	Other industry
									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
									Manufacture of footwear
									Manufacture of leather footwear
									Manufacture of rubber footwear
									Other industry
									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
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2,184	2,233	558	553
16211	Pembuatan kepingan venier dan papan lapis	1,042	1,086	265	268
16212	Pembuatan papan partikel dan papan gentian	323	309	87	76
16221	Pertukangan kayu untuk jurubina	478	476	114	117
	Industri lain	341	362	92	92
170	Pembuatan kertas dan produk kertas	2,148	2,162	554	526
17010	Pembuatan pulpa, kertas dan kertas tebal	241	235	64	58
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	916	922	236	226
17091	Pembuatan sampul surat dan kad surat	53	57	14	13
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	396	415	109	99
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	248	231	57	55
	Industri lain	293	302	75	74
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	2,382	2,497	623	636
18110	Percetakan	2,015	2,097	524	538
18120 &	Aktiviti perkhidmatan berkaitan percetakan				
18200	Penerbitan semula media rakaman	368	400	98	98
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2,502	2,526	682	571
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	3,220	3,031	770	726
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	359	331	84	75
20112 &	Pembuatan kimia organik asas				
20113	Pembuatan sebatian bukan organik	1,628	1,335	344	326
20121 &	Pembuatan baja				
20129	Pembuatan produk campuran nitrogen	287	264	68	64
20131	Pembuatan plastik dalam bentuk primer	840	1,002	247	236
	Industri lain	107	100	27	26
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	2,710	2,812	730	686
20210	Pembuatan racun perosak dan produk agrokimia lain	303	358	83	90
20221	Pembuatan cat, varnis dan penyadur dan mastik	419	449	119	114
20222	Pembuatan dakwat cetak	211	171	46	44
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat				
20232	Pembuatan pewangi dan penyediaan dandanan diri	896	881	230	214
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials				
20292 &	Pembuatan dakwat menulis dan melukis				
20299	Pembuatan produk kimia lain t.t.t.l.	848	927	245	218
	Industri lain	32	26	6	6
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	804	811	191	198
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	624	618	146	152
	Industri lain	180	193	45	46
221	Pembuatan produk getah	4,036	4,014	961	987
22111	Pembuatan tayar getah untuk kenderaan	480	360	103	87
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	131	160	36	40
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
22192	Pembuatan sarung tangan getah	1,974	2,050	470	503
22199	Pembuatan produk getah lain yang t.t.t.l.	683	618	159	154
222	Pembuatan produk plastik	8,102	8,291	2,010	2,093
22201 &	Pembuatan produk plastik separa siap				
22202	Pembuatan produk plastik siap	2,748	2,511	643	634
22203	Pembuatan artikel plastik untuk pembungkusan barangan	2,207	2,294	528	578
22204	Pembuatan barangan plastik jurubina	119	119	31	30
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	584	639	148	156
22209	Pembuatan pelbagai produk plastik t.t.t.l.	2,444	2,728	660	696
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	921	945	230	243

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
559	563	568	743	757	Manufacture of products of wood, cork, straw and plaiting materials
279	273	267	354	353	Manufacture of veneer sheets and plywood
71	75	75	113	100	Manufacture of particle board and fibreboard
121	124	135	153	181	Manufacture of builders' carpentry
87	90	91	123	123	Other industry
529	553	556	730	734	Manufacture of paper and paper products
54	59	59	85	79	Manufacture of pulp, paper and paperboard
228	232	244	311	322	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
15	15	15	18	19	Manufacture of envelopes and letter-card
100	106	104	142	137	Manufacture of household and personal hygiene paper
58	60	59	75	78	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
73	80	74	99	99	Other industry
613	626	638	832	852	Printing, service activities related to printing and reproduction of recorded media
512	523	527	702	707	Printing
101	102	111	130	145	Service activities related to printing
					Reproduction of recorded media
597	675	692	871	884	Manufacture of refined petroleum products
750	784	802	1,022	1,069	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
87	85	105	109	138	Manufacture of liquefied or compressed inorganic industrial or medical gases
					Manufacture of basic organic chemicals
315	349	347	463	468	Manufacture of inorganic compounds
					Manufacture of fertilizers
69	63	66	90	89	Manufacture of associated nitrogen products
255	264	256	324	337	Manufacture of plastics in primary forms
24	23	28	36	37	Other industry
690	706	720	969	948	Manufacture of other chemical products and man-made fibres
89	96	111	113	150	Manufacture of pesticides and other agrochemical products
110	106	114	158	152	Manufacture of paints, varnishes and similar coatings ink and mastics
40	41	42	62	57	Manufacture of printing ink
					Manufacture of soap and detergents, cleaning and polishing preparations
217	219	219	302	284	Manufacture of perfumes and toilet preparations
					Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
227	238	227	325	297	Manufacture of writing and drawing ink
					Manufacture of other chemical products n.e.c.
7	6	7	8	9	Other industry
204	218	193	259	262	Manufacture of pharmaceuticals, medicinal chemical and botanical products
154	165	140	199	190	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
50	53	53	60	72	Other industry
1,048	1,017	982	1,276	1,300	Manufacture of rubber products
87	83	83	131	106	Manufacture of rubber tyres for vehicles
42	41	43	50	56	Manufacture of interchangeable tyre treads and retreading rubber tyres
					Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
210	220	236	259	312	Rubber remilling and latex processing
553	524	484	626	642	Manufacture of rubber gloves
156	149	137	210	183	Manufacture of other rubber products n.e.c.
2,079	2,110	2,036	2,712	2,741	Manufacture of plastics products
					Manufacture of semi-manufactures of plastic products
599	635	650	857	875	Manufacture of finished plastic products
593	596	609	723	832	Manufacture of plastic articles for the packing of goods
28	30	31	41	42	Manufacture of builders' plastics ware
163	171	140	199	186	Manufacture of plastic tableware, kitchenware and toilet articles
695	677	606	892	805	Manufacture of diverse plastic products n.e.c.
239	232	220	311	297	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/Tempoh	2024						
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	189	185	183	185	186	182	188
16211	Pembuatan kepingan venier dan papan lapis	91	88	86	89	91	89	93
16212	Pembuatan papan partikel dan papan gentian	29	29	29	26	26	24	24
16221	Pertukangan kayu untuk jurubina	38	38	38	39	39	39	41
	Industri lain	31	30	31	31	30	30	29
170	Pembuatan kertas dan produk kertas	184	186	183	176	174	175	174
17010	Pembuatan pulpa, kertas dan kertas tebal	21	22	22	21	19	18	18
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	80	78	78	75	74	77	74
17091	Pembuatan sampul surat dan kad surat	5	4	5	5	4	4	5
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	35	38	36	33	34	33	35
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19	19	19	18	18	19	19
	Industri lain	25	25	25	24	25	25	24
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	204	210	209	209	214	213	210
18110	Percetakan	170	178	177	178	180	180	176
18120 &	Aktiviti perkhidmatan berkaitan percetakan	34	33	32	31	34	33	33
18200	Penerbitan semula media rakaman							
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	216	216	250	188	185	198	194
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	260	250	260	252	234	241	246
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	28	28	28	25	25	25	28
20112 &	Pembuatan kimia organik asas	116	113	116	119	101	107	104
20113	Pembuatan sebatian bukan organik							
20121 &	Pembuatan bajaPembuatan produk campuran nitrogen	23	21	24	22	21	21	22
20129								
20131	Pembuatan plastik dalam bentuk primer	84	79	84	77	79	80	84
	Industri lain	10	9	8	10	8	8	8
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	233	248	250	239	222	226	229
20210	Pembuatan racun perosak dan produk agrokimia lain	26	27	30	30	30	31	29
20221	Pembuatan cat, varnis dan penyadur dan mastik	37	44	38	39	37	38	38
20222	Pembuatan dakwat cetak	15	16	15	16	14	14	14
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	70	79	82	72	71	72	72
20232	Pembuatan pewangi dan penyediaan dandanan diri							
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	82	81	83	80	68	69	74
20292 &	Pembuatan dakwat menulis dan melukis							
20299	Pembuatan produk kimia lain t.t.t.l.	2	2	2	2	2	2	2
	Industri lain							
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	66	62	63	68	65	65	67
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	51	47	48	53	49	50	51
	Industri lain	15	15	15	16	15	15	16
221	Pembuatan produk getah	325	318	318	315	326	347	340
22111	Pembuatan tayar getah untuk kenderaan	40	33	30	28	28	30	29
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	12	11	14	13	14	14	14
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	66	60	67	66	68	69	70
22193	Pengilangan semula getah dan prosesan susu getah							
22192	Pembuatan sarung tangan getah	155	160	155	156	163	184	174
22199	Pembuatan produk getah lain yang t.t.t.l.	53	54	52	52	52	50	53
222	Pembuatan produk plastik	678	663	668	702	707	683	696
22201 &	Pembuatan produk plastik separa siap	220	221	202	214	216	204	193
22202	Pembuatan produk plastik siap							
22203	Pembuatan artikel plastik untuk pembungkusan barangan	178	166	184	195	197	186	200
22204	Pembuatan barangan plastik jurubina	10	10	11	10	10	10	10
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	48	49	51	51	52	53	52
22209	Pembuatan pelbagai produk plastik t.t.t.l.	222	217	221	232	232	231	241
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	77	75	79	81	82	81	80

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
186	186	185	187	191	192	188	188	189	Manufacture of products of wood, cork, straw and plaiting materials
93	93	90	92	91	92	88	87	86	Manufacture of veneer sheets and plywood
23	24	24	25	25	25	25	25	25	Manufacture of particle board and fibreboard
40	39	41	39	44	45	45	45	46	Manufacture of builders' carpentry
29	29	29	30	31	30	30	31	32	Other industry
175	179	183	181	188	185	187	184	178	Manufacture of paper and paper products
18	19	20	19	20	19	21	19	19	Manufacture of pulp, paper and paperboard
76	78	78	77	77	82	80	82	78	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
5	5	5	5	5	5	5	5	5	Manufacture of envelopes and letter-card
32	34	34	33	38	34	37	34	33	Manufacture of household and personal hygiene paper
19	20	20	20	20	20	20	20	19	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
25	24	26	26	28	25	24	25	25	Other industry
206	197	200	207	219	209	216	213	214	Printing, service activities related to printing and reproduction of recorded media
172	164	166	173	184	171	179	177	180	Printing
35	33	34	34	35	38	37	36	34	Service activities related to printing
									Reproduction of recorded media
195	208	219	212	244	219	219	253	192	Manufacture of refined petroleum products
255	250	252	258	274	259	268	275	267	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
27	31	28	28	29	32	34	39	33	Manufacture of liquefied or compressed inorganic industrial or medical gases
108	103	110	115	124	110	120	118	121	Manufacture of basic organic chemicals
									Manufacture of inorganic compounds
25	22	22	21	20	21	21	24	23	Manufacture of fertilizers
86	85	85	86	93	87	84	85	81	Manufacture of associated nitrogen products
8	8	7	8	8	9	9	10	9	Manufacture of plastics in primary forms
									Other industry
232	229	230	226	249	238	239	243	228	Manufacture of other chemical products and man-made fibres
30	29	32	31	32	36	35	40	39	Manufacture of pesticides and other agrochemical products
37	35	34	35	38	38	39	37	38	Manufacture of paints, varnishes and similar coatings ink and mastics
13	13	13	13	15	14	14	14	15	Manufacture of printing ink
74	71	71	68	80	70	71	78	65	Manufacture of soap and detergents, cleaning and polishing preparations
									Manufacture of perfumes and toilet preparations
76	78	78	77	83	77	78	73	70	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
									Manufacture of writing and drawing ink
2	2	2	2	2	2	2	2	2	Manufacture of other chemical products n.e.c.
									Other industry
69	68	70	68	79	67	62	63	69	Manufacture of pharmaceuticals, medicinal chemical and botanical products
52	51	53	51	60	49	46	45	50	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
17	17	17	17	19	18	17	18	19	Other industry
353	355	346	342	330	337	323	323	317	Manufacture of rubber products
30	28	27	28	28	32	27	24	23	Manufacture of rubber tyres for vehicles
14	14	14	14	14	15	14	14	13	Manufacture of interchangeable tyre treads and retreading rubber tyres
69	72	73	72	75	81	75	80	76	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
									Rubber remilling and latex processing
188	190	183	178	163	163	163	158	159	Manufacture of rubber gloves
53	51	49	50	50	46	45	46	46	Manufacture of other rubber products n.e.c.
696	687	693	702	714	686	675	676	705	Manufacture of plastics products
203	203	208	211	216	217	222	212	224	Manufacture of semi-manufactures of plastic products
									Manufacture of finished plastic products
198	195	198	198	200	206	191	212	224	Manufacture of plastic articles for the packing of goods
9	10	10	10	10	10	10	11	11	Manufacture of builders' plastics ware
56	55	56	57	59	45	47	48	47	Manufacture of plastic tableware, kitchenware and toilet articles
230	224	221	226	229	208	205	193	199	Manufacture of diverse plastic products n.e.c.
80	80	77	77	78	74	72	74	77	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
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	3,799	3,936	971	968
23911 &	Pembuatan mortar refraktori dan konkrit	320	347	88	86
23921	Pembuatan seramik bukan refraktori				
23930	Pembuatan produk porselin dan seramik lain	146	151	34	36
23941	Pembuatan simen hidrolik	293	245	67	61
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	709	769	189	188
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
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
	Industri lain	394	412	101	105
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	2,396	2,395	630	591
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1,467	1,590	410	401
243	Pengacuan logam	398	396	104	98
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1,722	1,795	460	438
25113 &	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	890	863	220	212
25119	Pembuatan produk struktur logam lain				
25120	Pembuatan tangki, takungan dan kontena daripada logam	631	734	188	177
	Industri lain	201	197	52	49
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	4,211	4,548	1,142	1,134
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	744	791	192	190
25920	Rawatan dan penyalutan logam; menggunakan mesin	485	496	130	129
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	555	631	156	154
25992 &	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	1,124	1,256	325	319
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya				
25994	Pembuatan barangan rumah daripada logam	65	70	17	17
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	1,028	1,095	271	278
	Industri lain	210	210	51	48
261	Pembuatan komponen dan papan elektronik	12,315	11,398	2,989	2,853
26101 &	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	7,930	7,583	1,948	1,849
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
26105	Pembuatan komponen paparan				
26109	Pembuatan komponen lain untuk aplikasi elektronik	473	473	126	123
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3,095	3,480	786	789
263/ 26300	Pembuatan peralatan komunikasi	783	798	198	202
264/ 26400	Pembuatan peralatan elektronik pengguna	1,338	1,008	311	248
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	2,973	3,592	796	955
26511 &	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	2,786	3,405	748	909
26512	Pembuatan kelengkapan kawalan proses perindustrian				
26520	Pembuatan jam tangan dan jam dan bahagiannya	187	186	48	47
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	728	783	197	191

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
973	1,024	1,013	1,294	1,352	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
84	89	88	117	116	Manufacture of non-refractory ceramic
41	41	40	45	53	Manufacture of other porcelain and ceramic products
59	57	57	87	75	Manufacture of hydraulic cement
189	204	219	252	293	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
344	355	335	448	445	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
156	172	169	207	228	Manufacture of other articles of concrete, cement and plaster n.e.c.
100	106	105	138	143	Manufacture of other non-metallic mineral products n.e.c. Other industry
571	603	622	832	826	Manufacture of basic iron and steel
386	393	434	545	575	Manufacture of basic precious and other non-ferrous metals
97	97	101	138	135	Casting of metals
449	448	470	603	623	Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition
215	216	220	290	288	Manufacture of metal doors, windows and their frames, shutters and gates Manufacture of other structural metal products
185	185	199	245	266	Manufacture of tanks, reservoirs and containers of metal
49	47	51	68	69	Other industry
1,120	1,152	1,198	1,519	1,589	Manufacture of other fabricated metal products; metal working service activities
197	213	218	255	291	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
114	123	128	174	169	Treatment and coating of metals; machining
156	165	168	206	218	Manufacture of tins and cans for food products, collapsible tubes and boxes
312	300	320	430	426	Manufacture of metal cable, plaited bands and similar articles Manufacture of bolts, screws, nuts and similar threaded products
17	17	18	23	25	Manufacture of metal household articles
270	277	291	363	388	Manufacture of any other fabricated metal products n.e.c.
53	57	53	68	70	Other industry
2,695	2,861	2,796	3,926	3,710	Manufacture of electronic components and boards
1,844	1,942	1,898	2,565	2,541	Manufacture of diodes, transistors and similar semiconductor devices Manufacture of electronic integrated circuits micro assemblies Manufacture of electrical capacitors and resistors
738	807	784	1,194	1,017	Manufacture of printed circuit boards Manufacture of display components Manufacture of other components for electronic applications
112	112	114	167	152	
907	998	932	1,041	1,220	Manufacture of computers and peripheral equipment
190	208	223	263	296	Manufacture of communication equipment
200	249	260	394	350	Manufacture of consumer electronics
899	941	921	1,086	1,238	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
852	897	877	1,023	1,179	Manufacture of measuring, testing, navigating and control equipment Manufacture of industrial process control equipment
47	45	44	63	59	Manufacture of watches and clocks and parts
197	198	181	260	240	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.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	330	318	323	322	324	322	323
23911	Pembuatan mortar refraktori dan konkrit							
&								
23921	Pembuatan seramik bukan refraktori	29	29	30	29	29	28	28
23930	Pembuatan produk porselin dan seramik lain	11	11	11	11	12	12	13
23941	Pembuatan simen hidrolik	26	21	21	20	21	20	22
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	63	62	64	63	62	63	62
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	115	109	112	111	114	113	115
&								
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.							
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	53	54	51	50	52	52	49
	Industri lain	33	33	34	37	34	33	34
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	220	202	207	202	197	193	187
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	135	140	135	135	135	131	131
243	Pengacuan logam	36	35	33	34	32	32	32
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	158	152	150	143	148	146	150
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	78	70	72	69	72	71	71
&								
25119	Pembuatan produk struktur logam lain							
25120	Pembuatan tangki, takungan dan kontena daripada logam	63	63	61	58	60	59	62
	Industri lain	17	18	17	16	16	16	16
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	382	381	379	377	382	376	368
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	65	63	64	64	65	61	63
25920	Rawatan dan penyalutan logam; menggunakan mesin	43	44	43	44	44	41	41
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	53	53	50	50	52	51	53
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam							
&								
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	106	109	110	105	106	108	103
25994	Pembuatan barangan rumah daripada logam	6	6	6	6	6	6	6
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	91	90	90	92	94	92	86
	Industri lain	19	16	16	16	16	16	16
261	Pembuatan komponen dan papan elektronik	1,005	1,008	976	936	960	957	879
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya							
&								
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	646	655	647	617	606	626	600
26103	Pembuatan kapasitor dan perintang elektrik							
&								
26104	Pembuatan papan litar bercetak	316	312	288	278	313	291	237
&								
26105	Pembuatan komponen paparan							
26109	Pembuatan komponen lain untuk aplikasi elektronik	43	41	42	41	41	41	42
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	268	267	251	255	264	271	290
263/ 26300	Pembuatan peralatan komunikasi	65	67	66	64	68	69	64
264/ 26400	Pembuatan peralatan elektronik pengguna	119	101	91	83	86	80	62
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	246	266	285	290	311	354	335
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	230	250	269	275	295	339	319
&								
26512	Pembuatan kelengkapan kawalan proses perindustrian							
26520	Pembuatan jam tangan dan jam dan bahagiannya	16	16	16	15	16	16	16
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	64	66	67	64	67	60	67

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
323	327	335	340	349	341	332	340	339	Manufacture of non-metallic mineral products n.e.c.
28	29	28	28	32	28	28	31	28	Manufacture of refractory mortars and concretes
14	14	13	13	14	13	13	13	13	Manufacture of non-refractory ceramic
18	19	19	19	20	21	18	18	18	Manufacture of other porcelain and ceramic products
62	65	66	67	71	74	72	73	74	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
115	114	119	121	115	116	109	111	110	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
53	53	56	57	60	54	55	60	59	Manufacture of other articles of concrete, cement and plaster n.e.c.
32	34	34	35	37	35	35	35	37	Manufacture of other non-metallic mineral products n.e.c.
									Other industry
189	195	191	194	218	212	203	207	203	Manufacture of basic iron and steel
126	129	126	126	141	147	148	138	141	Manufacture of basic precious and other non-ferrous metals
32	33	33	32	33	35	33	34	34	Casting of metals
151	148	148	146	153	162	156	153	152	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
73	70	72	71	73	79	71	70	68	Manufacture of metal doors, windows and their frames, shutters and gates
61	62	61	60	65	65	67	66	67	Manufacture of other structural metal products
17	16	16	16	16	17	17	17	18	Manufacture of tanks, reservoirs and containers of metal
									Other industry
373	378	376	374	402	401	400	396	391	Manufacture of other fabricated metal products; metal working service activities
66	67	68	68	76	72	72	74	73	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
37	37	41	38	45	42	43	43	41	Treatment and coating of metals; machining
52	52	53	55	57	57	56	55	50	Manufacture of tins and cans for food products, collapsible tubes and boxes
104	105	99	97	104	107	108	105	106	Manufacture of metal cable, plaited bands and similar articles
6	6	6	6	6	6	6	6	6	Manufacture of bolts, screws, nuts and similar threaded products
90	93	91	91	95	98	97	96	97	Manufacture of metal household articles
18	19	19	19	20	18	18	17	17	Manufacture of any other fabricated metal products n.e.c.
									Other industry
894	921	914	919	1,028	935	937	924	914	Manufacture of electronic components and boards
620	624	622	620	700	639	634	625	644	Manufacture of diodes, transistors and similar semiconductor devices
									Manufacture of electronic integrated circuits micro assemblies
									Manufacture of electrical capacitors and resistors
239	262	256	263	288	260	265	259	232	Manufacture of printed circuit boards
									Manufacture of display components
36	35	36	36	40	36	38	39	38	Manufacture of other components for electronic applications
296	321	318	312	369	319	316	298	289	Manufacture of computers and peripheral equipment
63	64	63	76	70	75	74	74	73	Manufacture of communication equipment
67	72	82	81	85	85	86	89	90	Manufacture of consumer electronics
282	281	306	305	331	297	313	311	317	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
267	266	291	289	316	282	298	296	302	Manufacture of measuring, testing, navigating and control equipment
15	15	15	15	14	15	15	14	15	Manufacture of industrial process control equipment
									Manufacture of watches and clocks and parts
64	67	66	65	66	60	61	61	59	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
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	499	527	138	129
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1,241	1,279	316	322
27101	Pembuatan motor elektrik, penjana dan transformer	489	525	128	125
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	751	754	188	196
272/ 27200	Pembuatan bateri dan akumulator	550	595	142	157
273	Pembuatan pendawaian dan peranti pendawaian	1,069	922	235	223
27310	Pembuatan kabel gentian optikal	92	96	21	24
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	946	791	205	189
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	31	35	9	9
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	249	289	70	66
275/ 27500	Pembuatan perkakasan domestik	395	349	96	82
279/ 27900	Pembuatan kelengkapan elektrik lain	444	512	117	125
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	4,451	4,418	1,130	1,053
28120 & 28130	Pembuatan alat-alat kuasa bendalir	361	254	59	58
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	899	894	217	205
28192	Pembuatan jentera pembentukan logam dan alatan mesin				
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	637	649	181	154
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	513 2,042	492 2,129	125 548	120 516
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1,110	1,015	261	243
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	401	419	106	102
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	2,115	2,249	525	587
301 (30110 & 30120)	Pembinaan kapal dan bot	312	364	90	89
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
30910	Pembuatan motosikal	534	551	136	138
30920	Pembuatan basikal dan invalid carriages	106	86	22	22
	Industri lain	219	230	60	60
310	Pembuatan perabot	2,687	2,716	694	664
31001	Pembuatan perabot kayu dan rotan	2,192	2,212	569	542
	Industri lain	494	503	125	122
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	257	264	67	66
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	738	792	191	190
32901	Pembuatan alat tulis	148	153	37	36
	Industri lain	590	639	155	154
323/ 32300	Pembuatan barangan sukan	68	57	16	14
324/ 32400	Pembuatan permainan dan mainan	263	242	55	62
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	1,407	1,420	362	359
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	312	305	86	84
	Industri lain	1,095	1,115	276	274
Jumlah Pembuatan		97,789	99,268	24,823	24,500

		2025	2024	2025	Group Description/Period
Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)	
126	134	127	182	171	Manufacture of optical instruments, photographic equipment, magnetic and optical media
327	314	326	417	429	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
137	134	140	166	184	Manufacture of electric motors, generators and transformers
190	180	186	251	244	Manufacture of electricity distribution and control apparatus
154	141	133	192	180	Manufacture of batteries and accumulators
234	230	224	302	292	Manufacture of wiring and wiring devices
25	25	25	29	34	Manufacture of fibre optic cables
200	197	191	262	246	Manufacture of other electronic and electric wires and cables
9	8	9	12	11	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
76	76	83	90	111	Manufacture of electric lighting equipment
85	86	77	120	98	Manufacture of domestic appliances
129	141	142	156	191	Manufacture of other electrical equipment
1,077	1,158	1,146	1,487	1,509	Manufacture of general-purpose and special-purpose machinery
62	75	50	77	67	Manufacture of fluid power equipment
					Manufacture of other pumps, compressors, taps and valves
222	250	243	284	322	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
150	164	189	233	243	Manufacture of air-conditioning machines, including for motor vehicles
120	128	104	166	135	Manufacture of other special-purpose machinery n.e.c.
523	542	559	727	742	Other industry
248	264	225	341	293	Manufacture of motor vehicles
105	107	106	140	140	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
563	575	567	719	780	Manufacture of parts and accessories for motor vehicles
90	95	105	119	140	Building of ships and boats
212	218	219	291	291	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
134	142	144	182	190	Manufacture of motorcycles
23	21	20	29	27	Manufacture of bicycles and invalid carriages
55	55	55	80	73	Other industry
665	693	700	915	923	Manufacture of furniture
538	563	569	749	750	Manufacture of wooden and cane furniture
127	129	131	166	173	Other industry
64	66	74	89	98	Manufacture of jewellery, bijouterie and related articles
198	213	214	255	285	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
40	40	41	49	55	Manufacture of stationery
157	173	173	206	230	Other industry
13	13	14	21	19	Manufacture of sports goods
63	62	48	76	66	Manufacture of games and toys
342	357	365	485	489	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
66	69	70	116	95	Repair and maintenance of transport equipment except motorcycles and bicycles
276	288	295	369	394	Other industry
24,474	25,470	25,268	32,935	33,574	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/Tempoh	2024						
		Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optik	44	45	49	44	42	44	42
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	109	104	103	101	110	111	112
27101	Pembuatan motor elektrik, penjana dan transformer	46	41	41	38	43	44	45
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	63	64	61	63	67	67	66
272/ 27200	Pembuatan bateri dan akumulator	44	50	48	50	54	53	52
273	Pembuatan pendawaian dan peranti pendawaian	80	78	77	68	78	77	81
27310	Pembuatan kabel gentian optikal	7	7	7	8	8	9	9
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	70	67	67	57	67	65	69
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	3	3	3	3	3	3	3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	24	23	23	20	23	23	26
275/ 27500	Pembuatan perkakasan domestik	32	32	32	25	29	29	28
279/ 27900	Pembuatan kelengkapan elektrik lain	42	37	38	40	41	44	41
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	386	380	365	356	349	347	355
28120 & 28130	Pembuatan alat-alat kuasa bendalir	20	20	19	19	20	20	20
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapi dengan motor elektrik atau bukan motor elektrik atau pneumatik	74	75	68	67	69	69	72
28192	Pembuatan jentera pembentukan logam dan alatan mesin							
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	58	63	61	51	51	51	51
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	44 190	41 181	40 177	41 178	39 170	40 168	39 173
291 (29101 & 29102)	Pembuatan kenderaan bermotor	90	90	81	80	82	81	80
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	36	36	33	34	34	34	35
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	172	176	176	195	197	195	188
301 (30110 & 30120)	Pembinaan kapal dan bot	29	28	32	29	30	30	30
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
30910	Pembuatan motosikal	45	45	47	46	47	45	44
30920	Pembuatan basikal dan invalid carriages	7	7	7	7	7	7	9
	Industri lain	19	21	21	20	20	19	19
310	Pembuatan perabot	237	229	228	221	226	217	217
31001	Pembuatan perabot kayu dan rotan	194	188	187	180	185	177	175
	Industri lain	43	42	41	41	41	40	42
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	22	23	23	22	22	22	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
32901	Pembuatan alat tulis	12	12	12	12	12	12	13
	Industri lain	51	52	52	52	52	51	53
323/ 32300	Pembuatan barangan sukan	5	5	5	5	5	5	5
324/ 32400	Pembuatan permainan dan mainan	18	18	20	21	21	21	20
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	120	121	121	123	120	116	114
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	27	30	29	30	28	27	22
	Industri lain	93	91	92	93	92	89	92
Jumlah Pembuatan		8,350	8,243	8,230	8,112	8,191	8,198	8,124

2025									Group Description/Period
Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
41	43	43	43	48	41	42	44	43	Manufacture of optical instruments, photographic equipment, magnetic and optical media
108	108	104	98	112	112	107	107	103	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
45	47	45	44	45	47	45	48	45	Manufacture of electric motors, generators and transformers
63	61	58	54	67	64	62	59	59	Manufacture of electricity distribution and control apparatus
51	52	50	47	44	44	45	44	46	Manufacture of batteries and accumulators
78	75	79	72	79	75	74	74	68	Manufacture of wiring and wiring devices
8	8	8	8	9	8	8	9	9	Manufacture of fibre optic cables
67	64	68	61	68	65	63	63	56	Manufacture of other electronic and electric wires and cables
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
26	25	24	24	28	26	29	28	28	Manufacture of electric lighting equipment
30	27	27	29	30	27	25	25	21	Manufacture of domestic appliances
43	45	45	47	50	49	46	46	49	Manufacture of other electrical equipment
356	366	375	375	408	389	386	370	363	Manufacture of general-purpose and special-purpose machinery
21	21	24	23	27	17	17	17	16	Manufacture of fluid power equipment
72	79	80	79	90	86	82	76	79	Manufacture of other pumps, compressors, taps and valves
49	50	51	54	59	61	66	63	54	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
40	41	42	42	43	38	35	31	31	Manufacture of metal-forming machinery and machine tools
175	175	177	177	188	188	187	184	183	Manufacture of air-conditioning machines, including for motor vehicles
84	84	83	82	99	78	79	69	68	Manufacture of other special-purpose machinery n.e.c.
35	35	35	35	37	36	36	34	34	Other industry
188	187	191	187	198	186	190	191	212	Manufacture of motor vehicles
30	31	31	32	33	33	34	38	35	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
69	71	72	72	73	73	73	73	72	Manufacture of parts and accessories for motor vehicles
44	46	47	47	48	48	48	47	46	Building of ships and boats
7	7	7	7	7	7	7	7	7	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
18	18	18	18	18	19	18	18	18	Manufacture of motorcycles
220	227	227	227	239	238	232	230	223	Manufacture of bicycles and invalid carriages
178	184	183	184	196	194	188	186	181	Other industry
42	43	44	43	43	44	44	43	42	Manufacture of furniture
21	21	22	21	23	24	24	25	24	Manufacture of wooden and cane furniture
66	66	68	70	75	71	71	72	71	Other industry
14	14	13	13	14	14	14	14	14	Manufacture of jewellery, bijouterie and related articles
52	53	55	57	61	57	58	58	57	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
4	4	4	4	5	4	5	5	5	Manufacture of stationery
21	21	20	20	22	15	16	17	18	Other industry
114	114	115	119	124	120	122	122	124	Manufacture of sports goods
22	22	21	23	25	22	24	24	25	Manufacture of games and toys
92	91	94	96	99	98	98	98	100	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
8,119	8,231	8,282	8,298	8,890	8,479	8,410	8,379	8,306	Repair and maintenance of transport equipment except motorcycles and bicycles
									Other industry
									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	2024				2025		2024	2025
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
101	Pemprosesan dan pengawetan daging	17.9	0.2	0.01	-2.0	1.2	1.6	13.0		-0.5	12.5
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	0.5	0.03	-1.2	1.9	1.3	25.4		-0.2	2.5
	10201 Pengetinan ikan, krustasea dan moluska	7.4	-2.3	-3.3	-4.2	-1.4	-0.4	27.0		-3.5	3.9
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska										
	Industri lain	0.3	12.4	15.0	11.7	15.9	7.7	19.2		14.3	-2.5
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	17.9	-3.8	2.8	-5.5	-4.7	-7.7	9.7		1.2	-8.0
	10303 Pengetinan nanas	39.3	-4.0	-4.0	-8.1	-4.1	0.9	-11.8		-4.9	0.5
	10304 Pembuatan jem, marmalad dan sajian jeli										
	Industri lain	16.6	-3.8	3.3	-5.3	-4.7	-8.4	11.2		1.7	-8.6
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	7.9	6.9	5.7	8.7	7.1	6.2	16.1		6.3	5.1
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	10406 Pembuatan sebatian lemak masakan	-0.1	2.8	-1.8	-3.0	7.9	8.7	29.3		-1.9	16.3
	10405 Pembuatan minyak kelapa	22.9	5.8	14.9	11.0	-0.3	-0.8	4.8		13.6	8.1
	Industri lain	8.1	7.3	5.9	9.5	7.4	6.3	15.6		6.7	4.2
105	Pembuatan produk tenusu	5.3	8.8	9.8	6.5	10.2	8.8	20.6		9.5	7.6
	10502 Pembuatan susu pekat, tepung dan sejat	5.1	9.4	10.2	6.1	11.5	10.0	19.5		9.8	7.3
	Industri lain	7.4	3.9	6.0	9.6	0.7	-0.1	29.9		7.3	10.4
106	Pembuatan produk bijian, kanji dan produk berkanji	3.9	-8.9	-6.1	-12.5	-9.9	-6.9	38.8		-7.7	2.8
	10611 Pengilangan beras	3.9	-7.1	-6.20	-7.8	-8.4	-5.9	33.9		-6.9	-2.0
	10613 Pengilangan tepung	4.4	-11.4	-5.8	-18.9	-12.4	-7.9	44.0		-8.8	9.6
	Industri lain	-0.1	-5.1	-7.5	-2.8	-3.5	-6.6	41.6		-6.3	-4.6
107	Pembuatan produk makanan lain	7.9	2.7	5.6	3.9	1.5	0.2	16.8		5.5	1.3
	10711 Pembuatan biskut dan cookies	14.3	5.9	6.2	5.5	6.2	5.7	11.9		6.2	7.0
	10712 Pembuatan roti, kek dan produk bakeri lain	6.7	3.5	4.4	4.0	2.5	3.3	17.6		4.6	2.5
	10713 Pembuatan produk snek	7.9	13.9	12.8	18.7	14.2	10.3	5.5		13.6	7.8
	10721 Pembuatan gula	-11.9	9.2	10.3	10.2	3.6	12.5	52.2		10.9	5.7
	10731 Pembuatan produk koko	4.9	-1.1	0.6	1.2	-1.7	-4.4	43.4		0.1	10.0
	10732 Pembuatan coklat dan produk coklat										
	10733 Pembuatan konfeksi gula	1.0	-2.3	2.4	2.5	-6.7	-6.7	26.7		2.8	0.3
	10793 Pembuatan sos dan bahan perasa	16.3	20.8	29.2	18.2	20.0	16.7	-6.2		26.8	3.1
	10799 Pembuatan produk makanan lain t.t.t.l.	17.2	-5.3	2.7	-3.0	-10.3	-9.7	9.4		2.5	-6.7
	Industri lain	4.3	-2.2	-0.3	-1.2	-1.6	-5.6	25.6		-0.4	-0.9
108/ 10800	Pembuatan makanan haiwan tersedia	7.6	-0.3	-0.7	-2.2	0.9	0.5	24.8		-0.9	-0.7
110	Pembuatan minuman ringan	7.7	7.3	6.7	7.2	7.4	7.9	16.8		6.9	8.1
	11041 Pembuatan minuman ringan	9.4	6.9	4.2	5.0	7.7	10.4	14.6		4.4	9.2
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1.4	2.9	7.2	3.9	2.5	-1.8	30.9		6.3	5.2
	Industri lain	12.9	28.0	33.8	48.6	21.7	13.3	-5.1		37.5	7.1
120/ 12000	Pembuatan produk tembakau	4.8	-0.6	-3.5	-1.4	2.2	0.7	27.3		-3.3	1.4
131	Pemintalan, penenunan dan penyiapan tekstil	-2.5	2.9	1.5	4.7	2.4	3.1	36.4		2.3	3.5
	13110 Penyediaan dan pemintalan gentian tekstil										
	13120 Penenunan tekstil	0.3	4.1	4.8	6.1	2.6	3.0	32.5		5.5	3.2
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-8.9	0.8	-5.8	1.6	3.2	4.7	46.3		-4.9	5.0
	Industri lain	1.4	-6.0	-0.82	2.6	-10.5	-15.0	35.6		1.2	-2.8
139	Pembuatan tekstil lain	13.1	1.0	3.0	0.2	0.8	-0.1	14.7		2.2	0.0
	13910 Pembuatan fabrik dikait dan dikrusye	3.3	-3.8	0.9	-2.3	-2.8	-10.6	36.8		0.1	-8.9
	Industri lain	17.5	2.8	3.8	1.2	2.2	4.1	6.8		3.0	3.2
141	Pembuatan pakaian, kecuali pakaian berbulu	5.8	1.0	2.7	1.5	0.9	-1.2	21.3		2.5	0.7
	14102 Pembuatan pakaian	6.3	5.3	7.1	5.5	5.5	3.1	14.3		6.8	5.9
	Industri lain	4.8	-8.1	-6.5	-6.7	-8.5	-10.8	38.3		-6.5	-11.7
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	32.1		6.6	4.1
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	26.9		0.5	11.4
152	Pembuatan kasut	6.5	2.0	2.7	0.6	1.7	3.1	22.1		2.6	1.8
	15201 Pembuatan kasut kulit										
	15203 Pembuatan kasut getah	2.8	-5.3	-6.6	-7.2	-4.9	-2.2	34.5		-6.8	-0.3
	Industri lain	16.2	18.8	26.1	19.7	16.7	13.8	-0.7		25.9	5.8
161/ 16100	Pengilangan dan pengetaman kayu	1.1	6.9	2.0	6.5	8.7	10.4	32.3		3.1	6.1

2024												2025				Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
-1.8	0.2	1.7	-1.9	-1.3	-2.9	3.0	0.2	0.4	0.9	1.1	2.8	11.3	6.1	14.7	18.0	Processing and preserving of meat
0.9	0.1	-1.0	-1.0	-1.2	-1.6	-1.0	3.4	3.1	1.6	1.8	0.5	2.3	1.3	3.3	3.2	Processing and preserving of fish, crustaceans and molluscs
-2.3	-2.9	-4.9	-3.9	-4.3	-4.4	-4.8	0.2	0.3	-1.0	0.2	-0.2	1.2	2.9	5.8	5.6	Canning of fish, crustaceans and molluscs
15.0	13.3	16.7	12.1	12.6	10.4	16.1	16.9	14.6	12.0	8.0	3.2	6.5	-4.8	-5.8	-6.1	Processing, curing and preserving of fish, crustacean and molluscs
6.4	-0.6	2.8	-3.2	-6.4	-6.8	-2.3	-4.5	-7.4	-7.4	-8.0	-7.8	-9.3	-5.6	-9.1	-8.0	Other industry
7.2	-8.7	-9.0	-7.4	-8.5	-8.5	-6.0	-6.4	0.3	4.1	-0.3	-0.9	-4.7	5.3	1.6	-0.02	Processing and preserving of fruits and vegetable
6.4	-0.02	3.8	-2.9	-6.3	-6.7	-2.0	-4.4	-8.0	-8.2	-8.6	-8.2	-9.7	-6.4	-9.8	-8.6	Pineapple canning
5.3	7.0	4.7	8.1	9.5	8.5	8.4	7.7	5.3	4.9	6.6	7.0	6.5	6.6	6.0	1.6	Manufacture of jams, marmalades and table jellies
-2.4	-2.2	-1.0	-2.2	-3.0	-3.9	8.9	9.5	5.5	7.9	8.9	9.3	23.6	16.2	16.5	8.8	Other industry
12.0	12.9	19.7	9.7	12.2	11.0	2.1	-0.6	-2.3	-2.7	0.1	0.3	10.1	10.5	3.8	8.2	Manufacture of vegetable and animal oils and fats
5.6	7.5	4.6	8.8	10.4	9.4	8.6	8.0	5.6	5.0	6.7	7.1	5.1	5.8	5.2	0.8	Manufacture of crude and refined vegetable oil
22.9	-1.0	8.0	8.7	8.0	2.9	20.6	5.7	4.9	9.3	9.1	8.1	9.5	9.3	4.4	7.2	Manufacture of compound cooking fats
25.9	-2.4	8.3	8.4	8.0	2.0	23.0	6.0	6.2	10.8	11.2	8.3	8.3	9.0	4.6	7.2	Manufacture of coconut oil
1.4	10.7	6.4	11.0	7.8	10.0	3.2	4.0	-4.9	-1.3	-5.6	7.0	20.6	11.2	2.6	7.6	Other industry
2.7	-11.0	-10.0	-12.1	-10.0	-15.3	-11.8	-11.0	-6.9	-10.2	-9.1	-1.5	-2.2	11.4	1.4	1.5	Manufacture of dairy products
-1.4	-8.9	-8.0	-8.9	-7.1	-7.3	-10.5	-6.8	-7.8	-7.5	-6.7	-3.5	-4.3	-1.4	-1.2	-1.0	Manufacture of condensed, powdered and evaporated milk
9.8	-14.2	-13.6	-16.9	-14.4	-24.7	-14.2	-16.5	-6.5	-13.7	-12.3	1.4	0.5	30.0	5.7	5.3	Other industry
-12.8	-6.3	-2.3	-2.8	-2.8	-3.0	-4.7	-3.0	-2.7	-6.1	-4.9	-8.6	-7.0	-3.0	-4.7	-3.4	Manufacture of grain mill products, starches and starch products
6.0	5.7	5.1	5.1	3.4	3.1	1.4	1.7	1.4	-0.1	1.0	-0.2	-0.1	2.0	1.8	1.7	Rice milling
7.5	5.6	5.3	6.2	6.0	4.4	5.2	6.5	6.8	6.7	5.5	5.0	3.9	3.8	13.3	7.0	Flour milling
2.4	7.6	3.1	5.4	2.4	4.2	-2.0	4.4	5.0	0.3	4.9	4.6	3.2	3.3	2.0	1.4	Other industry
13.9	11.1	13.5	16.0	19.6	20.6	17.6	13.5	11.6	12.6	11.4	7.3	7.7	8.6	11.2	3.5	Manufacture of other food products
3.5	9.2	18.8	12.7	7.1	11.1	9.9	5.1	-3.7	14.0	11.0	12.5	1.0	0.2	7.8	13.7	Manufacture of biscuits and cookies
12.7	-8.3	-2.3	-1.1	-1.2	6.3	-4.0	-4.1	3.0	-3.2	-3.7	-6.1	9.8	18.2	10.0	3.5	Manufacture of bread, cakes and other bakery products
5.4	0.8	1.0	4.2	2.0	1.5	-1.8	-9.7	-8.3	-8.8	-8.0	-3.6	-3.2	5.9	-0.5	-0.8	Manufacture of snack products
27.1	35.3	25.9	19.7	19.8	15.0	19.4	19.5	21.0	16.9	19.9	13.7	6.7	1.7	-0.2	4.7	Manufacture of sugar
6.2	-0.7	2.3	1.9	-4.3	-6.2	-10.5	-10.5	-9.9	-10.6	-8.4	-9.9	-10.6	-2.3	-10.3	-2.9	Manufacture of cocoa products
0.3	-0.6	-0.5	-1.0	-1.0	-1.5	0.04	-1.3	-3.5	-4.0	-5.5	-7.3	-3.3	-1.5	1.4	0.1	Manufacture of chocolate and chocolate products
10.6	-6.8	-5.3	-1.4	-4.6	-0.4	-4.4	5.2	1.9	2.9	-2.0	0.8	-4.0	-3.3	-1.3	6.3	Manufacture of sugar confectionery
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	Manufacture of sauces and condiments
4.1	3.8	4.7	5.2	3.3	6.6	7.2	7.9	8.0	8.6	10.4	12.0	10.2	11.0	10.6	5.0	Manufacture of other food products n.e.c.
8.5	8.6	4.4	3.7	4.1	4.0	4.6	5.8	-2.6	-3.2	-1.4	-0.9	3.6	3.5	5.6	8.3	Other industry
28.9	27.5	46.6	49.7	49.3	46.8	32.9	20.0	14.5	14.5	18.7	7.5	9.0	5.1	6.0	8.5	Manufacture of prepared animal feeds
-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	Manufacture of beverages
1.8	1.8	0.8	4.7	4.8	4.5	4.9	1.2	1.1	3.2	2.2	3.7	3.9	3.6	4.1	2.5	Manufacture of soft drinks
5.5	6.4	2.6	7.5	5.3	5.5	4.2	1.0	2.5	3.8	1.6	3.6	3.8	4.3	3.9	0.9	Production of natural mineral waters and other bottled waters
-6.6	-7.5	-3.3	-2.0	3.5	3.3	7.7	2.9	-0.8	3.3	5.5	5.3	5.6	2.8	4.9	6.6	Other industry
-0.9	-0.5	-1.1	8.1	8.2	-7.3	-4.4	-11.6	-15.8	-16.5	-16.8	-11.7	-11.8	-5.4	1.4	4.1	Manufacture of tobacco products
3.4	2.0	3.6	-0.02	0.4	0.3	0.5	0.6	1.4	-1.1	0.2	0.7	0.5	0.3	-1.4	0.6	Manufacture of textiles
1.6	-4.5	5.8	-2.3	-2.4	-2.0	-2.7	-2.5	-3.3	-10.7	-11.2	-9.9	-8.5	-5.3	-10.7	-10.9	Spinning, weaving and finishing of textiles
4.1	4.5	2.8	0.9	1.5	1.2	1.7	1.8	3.1	2.7	4.7	4.8	3.7	2.2	2.0	5.0	Preparation and spinning of textile fibres
2.2	2.8	3.2	1.9	1.5	1.1	1.4	0.6	0.6	0.2	-2.2	-1.5	-1.1	1.9	1.3	1.0	Weaving of textiles
5.3	7.3	8.7	5.9	5.4	5.3	5.8	5.3	5.3	4.6	2.1	2.9	3.8	7.7	6.2	6.0	Dyeing, bleaching, printing and finishing of yarns and fabrics
-4.7	-6.6	-8.1	-6.6	-6.5	-7.0	-7.6	-8.9	-8.9	-8.6	-11.4	-12.2	-12.9	-12.1	-10.7	-10.9	Other industry
0.4	9.7	9.6	7.4	3.0	3.1	2.2	-1.7	2.0	3.8	1.6	0.8	2.4	7.4	4.7	1.8	Manufacture of articles of fur, knitted and crocheted apparel
-0.7	-0.8	1.0	2.4	3.0	8.5	7.5	8.2	9.9	6.6	9.5	7.7	10.0	14.5	10.9	10.4	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
4.0	3.2	0.9	2.1	1.3	-1.8	2.1	2.0	1.2	2.0	2.9	4.3	2.3	0.3	1.7	3.1	Manufacture of footwear
-5.7	-5.3	-8.8	-7.3	-7.5	-6.8	-4.6	-5.0	-5.2	-4.4	-2.1	0.1	-0.1	-3.8	0.5	2.3	Manufacture of leather footwear
28.9	24.6	24.8	25.5	22.7	10.8	17.8	17.3	15.2	16.0	12.9	12.5	6.8	8.2	3.8	4.6	Manufacture of rubber footwear
0.4	0.5	5.3	6.4	6.2	7.1	8.2	8.1	9.7	10.3	10.9	10.1	6.7	8.4	2.2	7.1	Other industry
																Sawmilling and planning of wood

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	2024				2025		2024	2025
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	5.8	2.2	2.6	3.4	2.3	0.7	22.2		2.8	1.9
16211	Pembuatan kepingan venier dan papan lapis	3.4	4.2	3.9	6.8	5.2	1.1	23.4		4.5	-0.1
16212	Pembuatan papan partikel dan papan gentian	8.0	-4.3	6.3	-1.6	-11.0	-10.8	16.5		4.1	-11.8
16221	Pertukangan kayu untuk jurubina	11.6	-0.5	-6.8	-4.6	1.8	8.2	25.3		-6.3	18.5
	Industri lain	3.6	6.1	8.6	9.1	6.5	0.6	20.2		9.6	-0.4
170	Pembuatan kertas dan produk kertas	2.3	0.6	1.1	0.4	0.5	0.5	25.6		0.9	0.6
17010	Pembuatan pulpa, kertas dan kertas tebal	-20.6	-2.5	-5.1	4.0	-3.8	-4.1	54.0		-3.6	-7.0
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	13.7		3.6	3.7
17091	Pembuatan sampul surat dan kad surat	-1.6	7.7	2.9	2.5	14.5	10.9	30.3		2.8	6.0
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6.0	4.6	1.1	2.8	9.3	6.0	19.2		1.1	-3.6
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	67.1		-10.2	4.1
	Industri lain	11.7	2.8	6.6	3.3	-0.1	1.8	15.6		5.9	-0.2
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	6.3	4.8	4.9	5.9	5.0	3.5	20.6		5.2	2.4
18110	Percetakan	6.4	4.1	5.3	5.6	3.8	1.8	20.2		5.4	0.7
18120 &	Aktiviti perkhidmatan berkaitan percetakan										
18200	Penerbitan semula media rakaman	5.2	8.6	2.8	7.7	11.5	12.8	23.2		4.0	11.9
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	5.9	0.9	0.8	0.2	0.9	1.8	17.5		0.7	1.6
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	-0.03	37.7		-10.6	4.6
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	15.6		-6.9	26.4
20112 &	Pembuatan kimia organik asas										
20113	Pembuatan sebatian bukan organik	-2.5	-18.0	-23.6	-20.0	-17.4	-10.0	58.6		-22.5	1.2
20121 &	Pembuatan baja										
20129	Pembuatan produk campuran nitrogen	-7.6	-8.0	-10.7	-13.6	-1.0	-5.8	56.9		-11.3	-0.8
20131	Pembuatan plastik dalam bentuk primer	3.5	19.3	14.6	12.2	24.2	26.5	10.3		12.9	3.8
	Industri lain	-9.0	-7.0	-13.5	-3.3	-1.3	-8.5	42.5		-10.8	3.3
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	3.2	3.8	6.2	4.3	2.1	2.4	23.6		6.5	-2.2
20210	Pembuatan racun perosak dan produk agrokimia lain	17.4	18.1	16.8	11.2	20.6	24.2	9.4		15.2	32.4
20221	Pembuatan cat, varnis dan penyadur dan mastik	16.1	7.0	12.4	12.8	3.5	-0.3	7.7		12.7	-3.8
20222	Pembuatan dakwat cetak	-10.3	-18.9	-14.9	-18.0	-23.5	-19.5	78.9		-13.7	-8.7
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat										
20232	Pembuatan pewangi dan penyediaan dandanan diri	6.2	-1.7	-2.5	-2.1	-2.6	0.4	28.9		-2.8	-6.2
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials										
20292 &	Pembuatan dakwat menulis dan melukis										
20299	Pembuatan produk kimia lain t.t.t.l.	-4.8	9.3	16.3	12.1	6.6	3.1	18.9		17.6	-8.6
	Industri lain	-12.7	-19.0	-31.7	-30.4	-9.7	5.2	91.8		-31.2	6.2
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	1.9	0.9	1.4	0.6	0.3	1.3	29.5		1.2	1.1
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	34.5		-1.8	-4.3
	Industri lain	13.1	7.4	13.1	6.6	3.1	7.8	13.0		12.6	19.1
221	Pembuatan produk getah	-1.4	-0.6	1.9	-1.6	-2.6	0.3	31.4		0.9	1.9
22111	Pembuatan tayar getah untuk kenderaan	25.7	-24.9	-10.2	-27.7	-30.7	-30.1	6.5		-15.7	-19.4
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	27.3	22.0	26.6	25.1	20.9	16.4	-13.4		26.7	13.1
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan										
22193	Pengilangan semula getah dan prosesan susu getah	4.4	7.4	5.8	5.7	6.8	10.9	20.5		4.6	20.6
22192	Pembuatan sarung tangan getah	-8.6	3.9	5.8	2.6	1.8	5.6	38.1		5.6	2.6
22199	Pembuatan produk getah lain yang t.t.t.l.	-4.0	-9.5	-8.3	-8.5	-11.4	-9.7	51.1		-8.4	-13.0
222	Pembuatan produk plastik	2.7	2.3	0.7	1.6	3.6	3.3	25.0		0.7	1.1
22201 &	Pembuatan produk plastik separa siap										
22202	Pembuatan produk plastik siap	0.9	-8.6	-9.6	-9.8	-9.5	-5.4	32.3		-9.9	2.1
22203	Pembuatan artikel plastik untuk pembungkusan barangan	19.5	3.9	-4.1	-3.7	8.8	16.3	5.8		-3.9	15.1
22204	Pembuatan barangan plastik jurubina	17.5	-0.2	6.7	-7.9	-2.2	3.6	8.4		4.8	3.6
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-2.3	9.4	2.2	5.3	11.1	19.1	33.6		2.6	-6.5
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-6.8	11.6	17.8	20.7	11.5	-1.1	32.1		18.1	-9.7
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	3.6	2.5	0.1	6.5	3.6	0.0	21.3		2.1	-4.5

2024												2025				Group Description/Period
Jan.	Feb.	Mar	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar	Apr.	
4.3	1.7	1.8	3.4	3.3	3.4	4.0	1.6	1.3	0.4	0.3	1.2	1.3	1.7	2.7	2.0	Manufacture of products of wood, cork, straw and plaiting materials
7.9	2.5	1.2	6.4	6.6	7.5	6.5	4.6	4.5	1.6	1.1	0.5	0.7	-0.2	1.8	-2.6	Manufacture of veneer sheets and plywood
5.2	5.4	8.4	-2.6	-1.1	-0.9	-8.5	-14.3	-10.0	-9.5	-10.5	-12.4	-13.4	-13.2	-14.5	-5.4	Manufacture of particle board and fibreboard
-7.4	-7.1	-5.8	-4.8	-4.4	-4.6	4.0	1.4	-0.1	3.6	3.6	17.6	17.9	19.3	19.0	17.9	Manufacture of builders' carpentry
9.7	8.5	7.6	12.4	8.4	6.5	8.0	7.6	4.1	1.8	4.1	-3.7	-3.6	-0.6	1.3	1.3	Other industry
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	Manufacture of paper and paper products
-3.4	-9.0	-2.6	1.4	8.1	2.8	-2.8	-5.0	-3.6	-3.8	-4.5	-3.9	-7.1	-5.0	-10.2	-5.7	Manufacture of pulp, paper and paperboard
4.6	4.3	4.2	1.4	-1.5	1.9	-2.8	0.3	-0.8	-1.0	-1.2	-0.9	3.1	3.0	4.8	4.0	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
3.2	1.0	4.3	2.7	2.0	2.8	6.7	22.7	14.2	13.0	9.4	10.3	8.2	9.0	3.5	3.3	Manufacture of envelopes and letter-card
6.3	-0.9	-1.7	1.4	4.6	2.3	19.2	4.5	4.9	6.0	5.9	6.1	-3.8	-3.3	-6.2	-0.8	Manufacture of household and personal hygiene paper
-11.5	-9.3	-9.8	-10.3	-10.6	-11.2	-6.5	-6.9	-1.8	-2.7	-0.9	-1.5	4.0	4.6	4.4	3.4	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6.7	7.4	5.6	3.8	4.0	2.2	-0.6	2.1	-1.7	1.8	3.9	-0.04	-1.1	-1.7	1.0	1.1	Other industry
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	Printing, service activities related to printing and reproduction of recorded media
-0.02	9.7	6.3	6.0	4.7	6.2	6.6	3.5	1.3	2.0	2.6	0.9	0.5	0.7	0.4	1.2	Printing
0.7	4.9	3.1	8.0	8.1	7.0	10.3	12.2	11.9	12.4	14.2	11.9	12.1	12.5	13.1	9.9	Service activities related to printing
																Reproduction of recorded media
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	Manufacture of refined petroleum products
-7.7	-10.6	-13.8	-10.1	-8.2	-9.5	-7.1	-0.6	-0.9	-1.5	0.6	0.7	-0.5	7.3	5.9	6.0	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
9.9	-10.5	-14.9	-9.1	-8.7	-8.4	-6.9	-9.7	0.2	-13.6	-12.1	-7.7	14.7	20.6	38.5	32.6	Manufacture of liquefied or compressed inorganic industrial or medical gases
																Manufacture of basic organic chemicals
-23.0	-22.6	-25.1	-19.1	-19.1	-21.9	-22.0	-14.4	-15.4	-11.5	-8.9	-9.7	-5.3	5.9	1.8	2.3	Manufacture of inorganic compounds
																Manufacture of fertilizers
-13.4	-10.9	-7.8	-13.2	-13.5	-14.1	-7.6	6.6	-1.9	-3.8	-4.5	-9.2	-7.6	0.6	-0.2	4.4	Manufacture of associated nitrogen products
22.1	15.5	7.2	7.8	13.1	15.8	20.0	26.9	25.8	25.0	26.3	28.1	3.2	6.1	1.3	4.7	Manufacture of plastics in primary forms
-12.5	-13.5	-14.5	-2.4	-4.3	-3.4	3.8	-1.8	-5.5	-14.9	-3.2	-7.2	-3.8	8.3	16.1	-5.1	Other industry
2.7	6.6	9.3	7.3	2.1	3.6	2.0	2.2	2.0	2.5	2.2	2.6	2.5	-3.5	-2.9	-4.4	Manufacture of other chemical products and man-made fibres
20.1	20.7	11.0	11.0	11.3	11.4	11.0	31.3	21.0	25.2	24.4	23.1	38.5	30.5	30.9	30.4	Manufacture of pesticides and other agrochemical products
9.5	13.7	13.9	13.4	10.5	14.4	14.2	0.3	-3.3	-4.3	1.8	1.7	2.7	-10.9	-3.2	-2.5	Manufacture of paints, varnishes and similar coatings ink and mastics
-15.7	-11.0	-17.9	-10.1	-23.9	-20.0	-22.9	-25.1	-22.4	-23.4	-22.9	-12.2	-6.4	-11.3	-8.1	-8.7	Manufacture of printing ink
																Manufacture of soap and detergents, cleaning and polishing preparations
-5.8	-5.1	3.3	-3.9	-1.4	-0.8	-3.1	-3.4	-1.2	2.0	-1.1	0.3	0.8	-9.6	-5.3	-10.2	Manufacture of perfumes and toilet preparations
																Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
8.7	18.8	22.5	21.7	6.8	7.5	6.0	6.8	7.1	4.0	3.6	1.8	-6.1	-3.4	-12.3	-12.6	Manufacture of writing and drawing ink
																Manufacture of other chemical products n.e.c.
-32.4	-33.2	-29.1	-29.9	-31.3	-29.9	-28.2	-1.5	8.5	8.2	4.4	3.0	5.8	-0.3	10.3	9.3	Other industry
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	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-1.1	-2.1	-2.0	-2.1	-1.0	0.1	-0.4	-0.3	-0.9	0.5	0.1	-2.1	-4.8	-3.4	-4.7	-4.4	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
11.2	11.6	16.6	11.4	5.0	3.5	2.2	3.2	3.8	0.5	6.4	17.0	22.8	14.5	16.7	22.5	Other industry
5.2	0.9	-0.3	-2.0	-1.8	-1.0	-4.4	-3.8	0.4	0.7	0.1	0.2	3.8	1.5	1.3	0.8	Manufacture of rubber products
-1.5	-13.7	-16.2	-31.4	-29.1	-22.6	-30.8	-30.3	-31.1	-31.5	-29.4	-29.4	-18.3	-19.6	-21.6	-18.2	Manufacture of rubber tyres for vehicles
32.1	23.9	24.4	26.9	24.4	24.2	25.1	19.9	17.9	17.2	15.1	16.8	30.1	23.5	3.1	-0.05	Manufacture of interchangeable tyre treads and retreading rubber tyres
																Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
12.1	0.5	4.9	1.5	6.7	9.2	6.5	5.7	8.2	10.3	10.1	12.3	23.3	25.1	19.4	15.1	Rubber remilling and latex processing
7.9	5.0	4.7	5.0	1.1	2.0	-2.1	-0.3	8.1	8.0	5.5	3.2	5.2	1.7	1.9	1.7	Manufacture of rubber gloves
-7.7	-3.5	-13.4	-8.8	-5.3	-11.5	-10.7	-10.8	-12.8	-13.2	-10.1	-5.5	-14.0	-17.0	-11.0	-10.0	Manufacture of other rubber products n.e.c.
0.9	1.6	-0.4	0.8	2.1	2.0	4.5	3.9	2.5	3.1	3.7	3.2	1.1	1.8	1.1	0.4	Manufacture of plastics products
																Manufacture of semi-manufactures of plastic products
-9.9	-10.1	-8.8	-10.6	-9.0	-9.7	-9.8	-9.6	-9.1	-6.3	-6.2	-3.8	-1.5	0.4	4.9	5.0	Manufacture of finished plastic products
-0.7	0.2	-10.5	-3.5	-3.4	-4.3	0.6	13.4	13.7	17.6	17.7	13.8	15.5	14.9	15.5	14.6	Manufacture of plastic articles for the packing of goods
12.5	3.4	4.5	-0.8	-13.9	-8.5	-4.7	-5.0	3.3	4.8	5.9	0.4	-0.05	1.0	7.8	5.4	Manufacture of builders' plastics ware
1.3	1.7	3.5	3.7	5.9	6.4	10.0	11.7	11.5	12.7	22.4	22.5	-7.7	-3.9	-5.9	-8.4	Manufacture of plastic tableware, kitchenware and toilet articles
15.6	18.4	19.5	18.8	21.7	21.8	23.4	8.8	3.5	-0.6	-0.8	-1.8	-6.1	-5.5	-13.0	-14.1	Manufacture of diverse plastic products n.e.c.
-5.5	0.05	6.3	8.3	5.4	5.8	5.1	4.5	1.3	0.4	1.8	-2.2	-3.2	-3.6	-6.3	-5.0	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	2023	2024	2024				2025		2024	2025
				Q1	Q2	Q3	Q4	Q1		(Jan. - Apr.)	(Jan. - Apr.)
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.2	3.6	6.3	3.9	2.2	2.3	25.7	6.2		4.5
23911 & 23921	Pembuatan mortar refraktori dan konkrit Pembuatan seramik bukan refraktori	2.9	8.4	17.7	7.8	3.4	5.8	12.3	16.6		-0.9
23930	Pembuatan produk porselin dan seramik lain	-14.1	3.2	-9.0	1.9	10.0	9.7	69.8	-6.8		17.3
23941	Pembuatan simen hidrolik	5.6	-16.5	-8.0	-18.4	-18.7	-21.0	37.4	-10.2		-14.0
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	-3.8	8.4	7.8	9.0	6.6	10.3	29.3	8.6		16.1
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.	5.1	2.2	5.6	2.6	1.0	-0.2	24.9	5.1		-0.6
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.8	8.0	11.2	9.1	6.8	5.2	11.2	11.8		10.2
	Industri lain	-1.9	4.4	6.2	5.8	3.1	2.6	33.5	6.6		3.6
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	1.2	-0.04	-0.1	-0.8	0.3	0.5	30.7	-0.1		-0.7
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	15.8	5.9		5.4
243	Pengacuan logam	-4.3	-0.6	0.7	-1.4	1.5	-3.1	36.1	1.2		-2.2
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	19.2	5.4		3.2
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	28.7	-3.6		-0.6
25120	Pembuatan tangki, takungan dan kontena daripada logam	3.5	16.4	22.1	15.3	17.7	10.9	6.9	20.2		8.3
	Industri lain	4.0	-2.0	1.8	-1.6	-0.2	-7.7	23.2	0.9		1.2
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	17.6	8.5		4.6
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	6.4	3.9	6.2	7.0	8.2	34.3	4.5		14.0
25920	Rawatan dan penyalutan logam; menggunakan mesin	-4.8	2.3	1.1	3.8	-0.6	4.7	34.2	2.2		-2.4
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	-4.9	17.1		6.1
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	4.6	17.8		-0.9
25994	Pembuatan barangan rumah daripada logam	0.3	7.1	9.9	10.4	4.5	3.9	20.3	9.5		6.6
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	5.7	6.5	-0.6	11.6	9.2	6.6	21.2	2.1		7.0
	Industri lain	13.4	-0.01	2.4	-4.1	1.8	-0.1	43.8	-0.3		4.0
261	Pembuatan komponen dan papan elektronik	0.4	-7.4	-7.5	-8.6	-6.7	-7.0	40.5	-8.2		-5.5
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	37.7	-6.0		-0.9
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik Pembuatan papan litar bercetak Pembuatan komponen paparan	0.3	-14.6	-13.3	-12.1	-15.2	-17.9	47.5	-13.7		-14.8
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.9	0.04	2.0	-0.4	3.0	-4.4	32.4	1.6		-9.0
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3.1	12.4	5.1	5.8	18.1	19.7	25.2	4.4		17.3
263/ 26300	Pembuatan peralatan komunikasi	-0.7	1.9	-6.1	1.9	6.9	5.8	34.8	-5.5		12.9
264/ 26400	Pembuatan peralatan elektronik pengguna	-0.2	-24.7	-5.5	-20.1	-40.8	-30.9	40.8	-8.5		-11.0
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	-12.1	26.2		14.0
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	-14.1	28.0		15.3
26520	Pembuatan jam tangan dan jam dan bahagiannya	6.8	-0.4	2.4	6.2	-4.4	-5.2	19.4	2.2		-7.1
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-1.2	7.6	2.5	-1.8	16.8	14.7	22.1	0.6		-7.9

2024																2025																Group Description/Period
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.																	
5.9	6.9	6.1	6.1	3.0	2.6	3.2	2.8	0.7	2.7	2.1	2.0	3.3	4.2	5.3	5.2	Manufacture of non-metallic mineral products																
Manufacture of refractory mortars and concretes																																
15.0	19.8	18.2	13.5	7.1	3.1	3.0	3.3	3.8	2.8	6.5	8.0	-0.9	-0.7	1.0	-3.0	Manufacture of non-refractory ceramic																
-24.3	0.7	1.5	0.5	2.4	2.9	7.1	11.0	11.8	11.1	7.9	10.2	17.9	17.0	18.0	16.5	Manufacture of other porcelain and ceramic products																
1.7	-13.3	-13.2	-16.7	-19.1	-19.2	-10.9	-21.5	-23.8	-19.6	-20.8	-22.5	-19.9	-10.5	-12.5	-11.5	Manufacture of hydraulic cement																
6.2	6.1	11.1	11.1	7.9	8.1	7.7	6.6	5.5	9.2	9.4	12.3	16.6	17.1	14.0	16.8	Manufacture of ready-mix and dry-mix concrete and mortars																
Manufacture of precast concrete, cement or artificial stone articles for use in construction																																
5.9	6.5	4.5	3.7	2.1	2.2	0.9	2.7	-0.6	2.5	-1.2	-1.8	0.2	-0.3	-1.0	-1.4	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.																																
13.5	13.3	7.0	13.6	6.2	8.0	7.9	8.4	4.3	4.7	7.2	3.8	2.7	3.1	18.2	17.7	Manufacture of other non-metallic mineral products n.e.c.																
4.3	7.3	7.0	7.7	7.4	2.2	6.2	1.6	1.7	0.7	3.6	3.6	7.1	6.3	1.0	0.6	Other industry																
2.2	-2.3	-0.4	0.1	-2.0	-0.5	-0.3	0.1	1.1	0.0	1.1	0.4	-3.9	0.6	-0.1	0.7	Manufacture of basic iron and steel																
3.3	4.1	5.3	11.2	10.1	10.0	11.6	11.1	11.4	7.5	6.9	9.4	9.0	5.7	2.3	4.7	Manufacture of basic precious and other non-ferrous metals																
-1.1	5.3	-2.0	2.8	-3.0	-4.2	2.4	2.2	-0.1	-1.1	-2.6	-5.4	-1.6	-7.1	2.0	-1.6	Casting of metals																
9.8	6.2	4.2	1.6	2.8	3.2	4.5	6.0	4.0	5.0	3.3	0.2	2.2	2.6	1.9	6.4	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition																
Manufacture of metal doors, windows and their frames, shutters and gates																																
3.7	-5.8	-5.7	-6.4	-5.3	-4.2	-4.6	-1.1	-3.7	0.2	-1.0	-2.0	1.3	1.4	-3.3	-2.0	Manufacture of other structural metal products																
22.6	22.7	20.9	14.3	16.0	15.6	18.8	17.2	17.2	16.1	12.8	4.9	3.3	6.3	8.4	16.1	Manufacture of tanks, reservoirs and containers of metal																
-2.2	8.7	-1.0	-1.7	-1.6	-1.7	0.4	2.9	-4.1	-8.1	-7.9	-7.1	2.6	-5.6	0.9	7.6	Other industry																
8.0	6.3	8.0	11.9	11.0	11.3	9.7	9.1	7.6	5.3	4.4	4.1	5.1	5.0	4.5	3.8	Manufacture of other fabricated metal products; metal working service activities																
Forging, pressing, stamping and roll-forming of metal; powder metallurgy																																
2.8	2.9	6.0	6.3	6.4	6.0	6.0	7.4	7.6	8.4	8.9	7.3	11.6	13.4	15.8	15.3																	
-0.6	-0.1	4.1	5.6	6.0	-0.1	-0.3	-0.7	-0.9	11.7	4.5	-0.9	-0.7	-1.4	-1.1	-6.4	Treatment and coating of metals; machining																
16.0	17.2	15.4	20.1	20.8	20.7	23.8	11.5	5.6	5.9	3.1	8.6	8.6	6.7	9.2	-0.3	Manufacture of tins and cans for food products, collapsible tubes and boxes																
Manufacture of metal cable, plaited bands and similar articles																																
18.1	16.0	17.9	19.4	13.4	17.4	12.7	14.4	11.5	1.7	0.5	0.1	0.8	-0.6	-4.2	0.8	Manufacture of bolts, screws, nuts and similar threaded products																
8.5	12.4	8.8	8.4	12.7	10.2	4.9	4.1	4.3	5.9	4.6	1.2	7.6	5.0	3.7	10.3	Manufacture of metal household articles																
-1.2	-1.1	0.4	11.3	11.9	11.6	8.6	9.5	9.6	4.9	7.7	7.3	7.3	7.8	7.2	5.7	Manufacture of any other fabricated metal products n.e.c.																
27.8	-8.2	-8.1	-7.9	-3.8	-0.4	1.7	1.7	1.8	1.5	-0.8	-1.0	-1.6	6.4	6.1	5.8	Other industry																
-4.7	-8.6	-9.0	-10.5	-8.3	-7.0	-6.6	-6.6	-6.8	-7.2	-6.2	-7.6	-7.0	-7.0	-5.4	-2.4	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																																
-8.8	-16.7	-14.3	-14.8	-10.4	-11.3	-14.4	-16.4	-14.7	-16.4	-17.4	-19.7	-17.7	-14.9	-10.0	-16.5	Manufacture of printed circuit boards																
Manufacture of display components																																
5.5	-0.1	0.7	0.4	-0.1	-1.6	7.7	6.9	-5.4	-5.2	-3.6	-4.2	-15.2	-7.7	-5.8	-7.1	Manufacture of other components for electronic applications																
6.6	2.9	5.8	2.5	0.8	14.8	15.6	18.2	20.5	21.0	18.7	19.5	18.8	18.2	18.7	13.3	Manufacture of computers and peripheral equipment																
-9.5	-3.0	-5.6	-3.6	6.7	2.9	14.1	0.7	6.4	6.2	5.6	5.9	15.1	10.5	12.3	13.6	Manufacture of communication equipment																
5.7	-2.9	-19.0	-18.3	-17.2	-24.8	-40.8	-40.6	-41.0	-32.2	-32.3	-28.1	-28.4	-15.2	-2.2	9.5	Manufacture of consumer electronics																
22.9	27.8	28.6	25.2	23.2	30.6	28.5	8.7	6.5	16.8	16.4	18.1	21.0	17.8	9.1	9.4	Manufacture of measuring, testing, navigating and control equipment; watches and clocks																
Manufacture of measuring, testing, navigating and control equipment																																
25.0	29.7	30.4	26.8	24.1	31.8	30.7	9.6	7.3	18.3	17.6	19.6	22.9	19.5	10.3	10.1	Manufacture of industrial process control equipment																
-0.4	3.8	4.0	1.6	8.8	8.3	-3.9	-4.6	-4.6	-6.1	-2.4	-7.2	-6.6	-8.1	-10.9	-2.6	Manufacture of watches and clocks and parts																
1.7	1.2	4.8	-4.8	3.7	-4.2	16.0	14.5	20.0	19.6	19.9	5.9	-6.1	-8.5	-9.0	-8.0	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	2023	2024	2024				2025	2024	2025
				Q1	Q2	Q3	Q4	Q1	(Jan. - Apr.)	(Jan. - Apr.)
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	18.8	10.2	-6.2
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-0.4	3.1	-1.9	7.4	5.9	1.5	32.2	-0.5	2.8
27101	Pembuatan motor elektrik, penjana dan transformer	3.2	7.3	10.8	5.9	9.2	3.7	16.9	8.6	10.8
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-2.7	0.4	-9.1	8.4	3.6	-0.1	42.5	-5.7	-2.5
272/ 27200	Pembuatan bateri dan akumulator	14.2	8.3	5.7	19.6	9.7	-1.2	7.9	8.6	-6.6
273	Pembuatan pendawaian dan peranti pendawaian	-5.6	-13.8	-15.8	-17.2	-14.4	-7.0	53.2	-16.6	-3.5
27310	Pembuatan kabel gentian optikal	10.4	4.5	3.8	4.4	3.4	6.4	12.4	4.7	17.8
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.4	-16.4	-18.2	-20.4	-17.1	-9.0	57.1	-19.3	-6.0
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	60.1	14.9	-0.9
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	0.6	15.9	14.3	22.7	16.2	11.7	12.9	15.7	23.5
275/ 27500	Pembuatan perkakasan domestik	-9.3	-11.7	1.9	-16.5	-19.7	-11.5	63.5	1.1	-18.5
279/ 27900	Pembuatan kelengkapan elektrik lain	12.4	15.4	0.3	20.4	20.8	20.9	2.0	4.8	22.0
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	0.6	-0.7	-1.5	-2.5	-0.7	1.6	31.1	-1.6	1.5
28120 & 28130	Pembuatan alat-alat kuasa bendalir	3.7	-29.7	-31.0	-34.1	-31.6	-22.7	90.3	-32.2	-13.7
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapi dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.2	-0.5	-1.8	-6.9	-0.7	6.8	38.7	-3.0	13.4
28192	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	30.7	-1.3	4.3
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	-2.3	-4.1	-12.0	-10.8	1.5	7.6	56.1	-11.3	-18.5
	Industri lain	8.1	4.3	6.4	6.3	3.6	1.0	16.2	6.7	2.1
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.7	-8.5	-3.5	-11.3	-11.1	-8.2	46.7	-5.3	-13.9
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	10.0	0.1
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	4.2	6.3	2.6	7.2	8.7	6.9	30.3	4.0	8.3
301 (30110 & 30120)	Pembinaan kapal dan bot	11.0	16.8	17.2	17.3	18.2	14.7	10.3	17.5	18.1
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	32.3	-0.8	-0.2
30910	Pembuatan motosikal	0.04	3.21	2.3	2.8	1.9	5.8	32.3	2.0	4.1
30920	Pembuatan basikal dan invalid carriages	-12.5	-18.6	-30.9	-25.8	-4.5	-6.7	84.7	-30.5	-4.2
	Industri lain	6.2	5.3	7.7	11.1	3.7	-1.1	13.5	9.3	-8.7
310	Pembuatan perabot	5.1	1.1	1.7	1.4	0.7	0.6	25.2	1.7	0.8
31001	Pembuatan perabot kayu dan rotan	8.2	0.9	2.9	0.9	-0.4	0.2	19.9	3.1	0.02
	Industri lain	-6.8	1.8	-3.8	3.3	5.8	2.3	49.4	-3.9	4.3
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.7	2.7	-0.2	9.0	4.6	-2.0	32.5	0.2	9.6
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	28.1	7.6	11.8
32901	Pembuatan alat tulis	-3.6	3.6	0.1	0.6	4.3	9.2	42.9	0.4	12.8
	Industri lain	1.8	8.3	8.7	7.1	7.6	9.8	24.6	9.4	11.6
323/ 32300	Pembuatan barangan sukan	-4.6	-16.6	-17.1	-18.1	-14.8	-15.9	50.9	-17.6	-9.4
324/ 32400	Pembuatan permainan dan mainan	11.5	-8.0	-13.6	-5.7	-5.0	-7.9	30.6	-9.9	-12.5
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	24.1	0.8	0.9
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	13.3	-2.1	7.2	10.8	-4.9	-20.0	8.4	8.7	-17.9
	Industri lain	4.9	1.8	-0.9	-1.8	2.7	7.5	29.0	-1.4	6.8
Jumlah Pembuatan		3.5	1.5	1.2	1.4	1.7	1.7	-36.9	1.2	1.9

2024												2025				Group Description/Period			
Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.				
7.4	13.9	10.9	8.5	5.5	4.5	5.9	1.9	1.6	1.9	0.5	5.3	-6.4	-6.3	-9.8	-1.8	Manufacture of optical instruments, photographic equipment, magnetic and optical media			
-2.2	0.1	-3.7	4.4	8.1	9.5	7.2	4.9	5.5	3.8	0.9	-0.1	2.3	2.4	4.4	2.1	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus			
8.9	9.8	14.0	1.8	8.3	7.4	13.0	7.3	7.6	3.9	3.7	3.6	2.7	10.0	15.1	16.4	Manufacture of electric motors, generators and transformers			
-8.9	-5.3	-12.9	6.2	8.0	10.9	3.6	3.3	4.0	3.7	-1.3	-2.3	2.0	-2.4	-2.9	-6.6	Manufacture of electricity distribution and control apparatus			
1.7	8.0	7.1	18.0	16.5	24.7	12.8	8.7	7.8	4.1	-1.2	-6.5	0.3	-9.2	-9.6	-7.1	Manufacture of batteries and accumulators			
-15.9	-17.7	-13.6	-19.2	-13.0	-19.5	-10.9	-15.3	-17.1	-9.0	-11.9	0.3	-5.5	-4.1	-4.2	0.2	Manufacture of wiring and wiring devices			
4.1	3.1	4.2	7.2	-0.03	6.5	6.3	2.3	1.8	-2.2	13.2	8.9	9.3	16.6	21.4	23.5	Manufacture of fibre optic cables			
-18.3	-20.4	-15.8	-23.1	-15.1	-23.0	-13.5	-17.8	-19.9	-10.4	-15.2	-1.1	-7.1	-6.3	-7.2	-2.7	Manufacture of other electronic and electric wires and cables			
8.7	15.5	8.1	28.6	9.4	11.5	16.5	8.6	9.7	9.6	8.6	11.0	-2.5	-2.1	3.5	-2.2	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material			
8.3	8.5	28.5	20.7	25.3	22.0	23.1	14.2	11.6	11.4	15.5	9.0	10.3	25.6	23.1	37.0	Manufacture of electric lighting equipment			
3.8	-0.7	2.7	-2.1	-21.6	-21.3	-22.1	-17.3	-19.9	-16.0	-11.0	-7.5	-15.5	-20.2	-22.1	-15.7	Manufacture of domestic appliances			
3.9	-5.8	2.8	20.5	19.7	20.8	16.9	22.1	23.2	16.2	28.9	18.3	17.5	26.7	21.0	23.4	Manufacture of other electrical equipment			
-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	Manufacture of general-purpose and special-purpose machinery			
-29.6	-30.2	-33.1	-35.7	-33.3	-33.4	-32.6	-32.4	-29.7	-20.9	-21.0	-25.6	-14.3	-14.9	-12.7	-12.6	Manufacture of fluid power equipment			
																Manufacture of other pumps, compressors, taps and valves			
-0.9	4.7	-8.8	-6.7	-6.1	-7.9	-2.1	-4.3	4.3	7.3	2.8	10.2	15.4	9.3	11.5	17.8	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			
-4.5	-0.7	-0.8	1.0	1.2	2.9	2.3	1.8	2.0	2.4	8.6	8.5	4.9	3.9	4.1	4.1	Manufacture of air-conditioning machines, including for motor vehicles			
-9.4	-17.1	-9.2	-9.2	-12.9	-10.4	-10.4	8.6	8.5	8.8	10.6	3.8	-14.6	-12.9	-23.0	-23.8	Manufacture of other special-purpose machinery			
5.3	5.2	9.0	7.5	5.3	6.0	9.7	1.2	0.4	0.4	1.4	1.3	-0.9	3.0	3.9	2.6	Other industry			
-2.0	-3.2	-5.5	-10.7	-10.8	-12.2	-12.5	-11.1	-9.7	-10.9	-10.6	-3.5	-13.5	-12.1	-15.0	-15.4	Manufacture of motor vehicles			
8.5	9.1	10.5	12.1	9.6	11.1	12.5	0.5	-4.0	-3.4	-1.5	-3.8	-1.4	1.0	0.6	0.4	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers			
3.6	2.7	1.4	8.0	7.2	6.3	7.5	9.8	8.8	9.8	7.3	3.7	7.9	8.1	8.4	8.9	Manufacture of parts and accessories for motor vehicles			
23.8	16.9	12.0	18.3	16.1	17.5	18.3	18.4	18.0	18.6	11.4	14.3	13.4	18.9	19.1	20.8	Building of ships and boats			
-1.9	-1.5	0.3	0.1	1.1	1.8	2.1	1.1	1.5	0.7	4.2	3.2	3.9	0.8	-2.6	-2.8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c			
4.0	-0.6	3.5	1.1	3.2	4.3	3.9	1.0	0.9	1.0	8.3	8.5	7.2	8.1	1.1	0.2	Manufacture of motorcycles			
-29.9	-30.2	-32.5	-29.4	-25.4	-22.3	-8.2	-2.6	-1.6	1.4	-7.9	-12.9	-7.8	-5.3	-2.1	-1.4	Manufacture of bicycles and invalid carriages			
-0.2	12.4	11.0	14.2	10.2	8.8	3.4	3.0	4.6	-0.05	-0.4	-3.0	0.4	-12.8	-11.1	-10.2	Other industry			
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	Manufacture of furniture			
2.4	2.9	3.5	3.5	-0.1	-0.6	-1.1	-0.2	-0.1	-0.3	-0.1	1.0	0.1	0.2	-0.4	0.3	Manufacture of wooden and cane furniture			
-2.4	-3.8	-5.2	-4.3	7.6	7.7	6.6	6.4	4.6	4.8	2.1	0.1	4.0	5.0	6.5	1.5	Other industry			
-5.8	3.6	1.8	1.4	10.0	17.1	6.6	6.2	1.2	3.5	-7.9	-1.1	12.7	8.5	8.8	8.5	Manufacture of jewellery, bijouterie and related articles			
4.5	6.6	9.7	9.8	3.0	5.0	8.4	6.4	6.1	8.1	11.1	9.8	11.4	11.3	12.8	11.8	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.			
4.0	-1.5	-2.1	1.6	-1.8	2.2	1.7	3.0	8.2	8.0	10.5	9.2	9.1	10.4	15.3	16.8	Manufacture of stationery			
4.6	8.8	12.8	11.9	4.2	5.7	10.1	7.3	5.5	8.1	11.2	10.0	11.9	11.6	12.2	10.7	Other industry			
-12.9	-19.9	-18.4	-19.1	-18.4	-16.8	-16.6	-16.7	-10.4	-22.0	-15.3	-9.7	-15.9	-8.5	-11.8	-0.6	Manufacture of sports goods			
-15.3	-15.1	-10.8	1.8	-6.8	-11.4	-3.6	-5.6	-5.7	-8.4	-2.0	-12.3	-12.1	-7.8	-14.5	-15.0	Manufacture of games and toys			
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	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment			
4.9	8.1	8.4	13.5	9.4	9.5	-4.7	-5.2	-4.8	-13.1	-19.6	-25.2	-18.8	-18.7	-17.0	-17.3	Repair and maintenance of transport equipment except motorcycles and bicycles			
-0.2	-1.6	-1.0	-2.7	-1.7	-0.8	2.4	3.2	2.3	5.1	7.4	10.1	5.8	7.9	6.5	7.1	Other industry			
2.0	1.0	0.7	1.2	1.1	1.8	2.4	1.5	1.2	1.7	1.8	1.7	1.5	2.0	1.8	2.4	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	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	-7.1	0.4	4.0	4.7	3.3	-3.3	-6.2	0.3	0.7	3.1
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	-2.2	-1.6	5.6	-0.4	21.1	-1.5	-1.9	-1.3	-2.0	3.0
	10201 Pengetinan ikan, krustasea dan moluska										
	&										
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	-3.2	-1.4	4.7	-0.3	23.4	-2.4	-1.7	-2.0	-1.5	3.4
	Industri lain	1.9	-2.3	9.2	-1.0	12.8	2.1	-2.9	1.4	-3.5	1.8
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	3.0	-1.4	-3.9	-5.5	22.5	4.6	-3.3	5.5	-2.0	-2.4
	10303 Pengetinan nanas										
	&										
	10304 Pembuatan jem, marmalad dan sajian jeli	2.4	1.7	-3.3	0.3	-10.5	1.9	-4.0	4.4	0.3	1.4
	Industri lain	3.0	-1.6	-3.9	-5.9	25.0	4.8	-3.3	5.6	-2.2	-2.7
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-0.6	3.1	-0.3	4.0	8.7	-5.9	0.3	-3.3	4.8	1.6
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	&										
	10406 Pembuatan sebatian lemak masakan	0.7	-0.4	5.1	3.0	19.8	1.3	-1.2	1.4	0.1	-1.8
	10405 Pembuatan minyak kelapa	0.3	0.1	1.0	-2.1	6.0	0.2	-0.6	5.8	-4.9	2.9
	Industri lain	-0.8	3.4	-0.7	4.3	8.0	-6.6	0.4	-4.0	5.5	1.8
105	Pembuatan produk tenusu	2.5	0.2	0.1	5.8	13.6	2.1	-14.9	5.9	3.9	-1.4
	10502 Pembuatan susu pekat, tepung dan sejat	3.6	-0.6	0.6	6.2	12.5	2.6	-16.3	6.0	4.2	-1.9
	Industri lain	-5.7	7.0	-3.6	2.7	22.5	-2.5	-1.4	5.0	1.8	2.2
106	Pembuatan produk bijian, kanji dan produk berkanji	-4.8	-4.7	0.5	2.1	41.9	1.2	-13.6	0.8	0.9	-1.0
	10611 Pengilangan beras	1.5	-4.3	-1.2	-1.9	44.4	4.5	-3.6	1.2	-3.6	0.4
	10613 Pengilangan tepung	-11.4	-6.2	3.5	7.0	38.5	-1.4	-24.3	0.2	5.8	-2.1
	Industri lain	-2.4	1.8	-5.0	-1.0	48.0	-3.1	-8.3	2.1	6.0	-3.7
107	Pembuatan produk makanan lain	-2.9	-2.7	2.2	3.7	13.1	-3.9	-3.1	-0.6	-1.1	0.01
	10711 Pembuatan biskut dan cookies	-5.8	1.5	8.8	1.6	-0.3	-4.5	-3.6	-0.9	1.9	3.0
	10712 Pembuatan roti, kek dan produk bakeri lain	-3.9	1.6	2.5	3.2	9.4	-4.1	1.4	-6.6	6.2	-0.3
	10713 Pembuatan produk snek	4.3	1.5	1.2	2.9	-0.2	0.2	-1.3	2.7	-1.9	0.8
	10721 Pembuatan gula	-1.1	-0.5	-2.7	17.6	33.7	-9.8	7.1	-1.3	-4.1	3.3
	10731 Pembuatan produk koko	-8.3	6.9	-0.6	-1.9	37.5	-1.3	-14.7	3.8	16.2	-10.3
	10732 Pembuatan coklat dan produk coklat										
	&										
	10733 Pembuatan konfeksi gula	-7.0	-9.3	-0.8	11.5	26.2	-6.8	-6.0	0.9	-6.6	-1.8
	10793 Pembuatan sos dan bahan perasa	8.8	-6.6	6.3	8.1	-12.6	-7.0	3.7	11.0	-11.3	-4.0
	10799 Pembuatan produk makanan lain t.t.t.l.	-8.7	-6.5	-1.1	7.0	10.6	-2.4	-15.6	2.4	-1.9	-0.1
	Industri lain	-2.4	-3.7	1.1	-0.7	29.9	-2.8	-2.3	-2.8	-2.0	2.0
108/ 10800	Pembuatan makanan haiwan tersedia	-7.4	-2.9	5.3	6.2	15.0	-6.3	-9.1	-3.1	1.1	0.8
110	Pembuatan minuman ringan	-1.9	-1.4	0.4	11.1	6.2	-5.2	-2.8	0.4	1.8	-4.4
	11041 Pembuatan minuman ringan	-3.8	0.2	0.1	14.4	-0.1	-8.1	-3.2	0.4	2.9	-3.8
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	0.7	-6.7	3.1	1.3	34.3	3.1	-3.2	0.4	-1.2	-7.1
	Industri lain	10.0	-0.3	-4.1	7.7	-7.9	0.7	1.6	0.5	0.9	-2.0
120/ 12000	Pembuatan produk tembakau	-4.4	-9.6	0.9	15.4	20.9	-18.2	1.8	-1.6	-9.4	-1.6
131	Pemintalan, penenunan dan penyiapan tekstil	-4.5	4.3	1.4	2.0	26.4	-2.1	-6.6	0.7	4.1	4.0
	13110 Penyediaan dan pemintalan gentian tekstil										
	&										
	13120 Penenunan tekstil	-5.4	5.5	2.2	0.9	21.7	-1.5	-9.8	1.2	6.5	3.5
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-3.1	1.9	0.1	6.0	35.4	-4.0	0.1	-0.5	-0.7	5.1
	Industri lain	4.2	-0.6	-6.2	-12.5	66.3	0.6	13.3	-1.5	-4.9	6.5
139	Pembuatan tekstil lain	-0.5	0.2	-0.3	0.6	14.2	0.2	-3.1	3.6	-2.1	2.3
	13910 Pembuatan fabrik dikait dan dikrusye	-7.1	5.2	-3.8	-4.9	42.1	-5.1	-5.9	8.4	0.4	2.1
	Industri lain	2.1	-1.6	1.0	2.6	4.8	2.2	-2.1	1.9	-3.0	2.3
141	Pembuatan pakaian, kecuali pakaian berbulu	-0.4	-4.9	-2.7	7.1	22.3	-3.4	-6.6	0.8	-0.8	-1.2
	14102 Pembuatan pakaian	2.6	-6.3	-2.2	9.8	13.7	-3.1	-7.2	1.1	-1.5	-1.7
	Industri lain	-6.9	-1.3	-3.7	0.8	44.1	-4.0	-5.1	0.2	0.8	0.1
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	2.3	-0.8	-1.4	2.0	32.3	2.3	-2.0	2.7	0.6	-3.3
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	12.7	-6.7	-2.5	2.8	1.9	0.9
152	Pembuatan kasut	1.5	-5.4	-0.7	8.1	20.3	2.1	0.1	-3.8	-1.4	0.03
	15201 Pembuatan kasut kulit										
	&										
	15203 Pembuatan kasut getah	-1.6	-4.5	-2.1	6.4	35.2	0.3	1.0	-5.8	-0.9	0.3
	Industri lain	7.9	-6.9	2.0	11.1	-5.9	5.8	-1.4	0.04	-2.3	-0.5
161/ 16100	Pengilangan dan pengetaman kayu	2.1	-0.5	5.0	3.5	22.3	0.1	2.6	1.4	-0.8	-2.1

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-1.1	2.4	-0.5	4.6	1.0	0.3	1.8	4.6	-10.6	8.4	3.6	Processing and preserving of meat
-0.3	1.8	3.9	1.1	-2.1	-0.8	0.8	0.3	-2.9	0.7	-2.1	Processing and preserving of fish, crustaceans and molluscs
-0.5	1.1	3.5	1.2	-2.4	-0.7	2.1	-1.0	0.0	0.8	-1.7	Canning of fish, crustaceans and molluscs
0.3	4.4	5.3	0.7	-1.1	-1.1	-3.8	5.4	-13.1	0.3	-3.9	Processing, curing and preserving of fish, crustacean and molluscs
-0.4	2.7	-7.1	-2.2	-0.5	-1.2	-1.1	2.8	0.7	1.6	-0.9	Processing and preserving of fruits and vegetable
-3.2	-0.8	-3.1	3.5	0.2	-2.2	1.0	-1.9	6.1	0.6	-1.2	Pineapple canning
-0.2	2.9	-7.3	-2.6	-0.5	-1.2	-1.3	3.2	0.2	1.7	-0.9	Manufacture of jams, marmalades and table jellies
-1.6	2.5	-4.0	1.8	0.7	-0.8	11.9	-6.3	0.4	-3.9	0.4	Manufacture of vegetable and animal oils and fats
0.9	2.7	4.3	-1.2	2.9	-1.2	1.2	14.5	-7.2	1.7	-6.6	Manufacture of crude and refined vegetable oil
-0.6	1.5	-1.3	-0.4	-1.9	1.1	-1.0	9.9	-0.3	-0.6	-0.9	Manufacture of compound cooking fats
-1.9	2.5	-4.7	2.1	0.7	-0.8	13.3	-8.3	1.1	-4.4	1.1	Manufacture of coconut oil
-2.7	7.0	-7.4	2.2	1.3	2.0	12.6	3.4	-15.0	1.2	6.7	Manufacture of dairy products
-3.4	8.9	-8.7	3.3	0.9	2.4	13.6	2.6	-15.7	1.7	6.7	Manufacture of condensed, powdered and evaporated milk
2.7	-6.4	3.8	-6.0	5.0	-1.4	5.0	9.9	-9.1	-3.2	6.7	Other industry
-1.5	1.2	-1.0	4.3	-4.6	-0.8	14.9	0.4	-1.5	-8.3	1.1	Manufacture of grain mill products, starches and starch products
-1.6	-0.7	1.0	-0.9	-0.9	-3.2	4.1	3.6	-0.7	1.4	-3.3	Rice milling
-1.6	3.9	-3.2	11.3	-9.0	1.9	28.2	-2.3	-2.0	-18.5	5.4	Flour milling
0.01	-2.0	-2.2	-1.0	-1.3	-0.3	5.6	-1.4	-4.2	0.2	7.5	Other industry
-0.4	-0.1	2.3	3.0	-1.3	1.5	3.7	-3.9	-1.0	-0.8	-1.3	Manufacture of other food products
-1.6	6.9	1.7	2.1	-1.0	0.6	0.8	-5.6	-3.7	8.2	-3.8	Manufacture of biscuits and cookies
-0.3	-2.4	6.3	3.1	-5.3	6.5	1.0	-5.3	1.5	-7.8	5.5	Manufacture of bread, cakes and other bakery products
4.6	-2.3	-0.1	1.4	2.1	-1.3	2.4	0.6	-0.5	5.2	-8.7	Manufacture of snack products
0.3	-2.3	-0.2	-4.6	22.1	-6.2	11.6	-19.1	6.3	6.2	1.1	Manufacture of sugar
5.7	-2.8	-0.7	8.2	-6.5	-0.2	-0.1	15.4	-8.1	-3.4	9.4	Manufacture of cocoa products
-0.8	-0.03	-2.8	6.8	2.6	2.7	9.4	-6.4	2.9	-5.2	-6.8	Manufacture of chocolate and chocolate products
-0.6	0.8	7.9	5.7	-3.2	2.6	9.7	-12.7	-1.2	9.0	-6.9	Manufacture of sugar confectionery
-1.1	-3.7	2.0	6.3	-0.8	2.4	3.9	-3.2	-7.8	-5.9	6.1	Manufacture of sauces and condiments
-1.0	1.3	-0.3	0.1	-0.2	-2.1	2.8	1.4	-0.5	-0.03	-3.2	Manufacture of other food products n.e.c.
2.5	-1.4	8.2	-2.0	2.3	-1.7	11.0	-10.7	-8.4	-1.1	8.9	Manufacture of prepared animal feeds
1.3	-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6	0.7	-1.1	Manufacture of beverages
2.2	-0.8	-2.4	7.4	0.8	9.4	8.1	-9.6	-2.5	0.1	-2.3	Manufacture of soft drinks
-0.3	1.3	8.2	-2.3	0.1	-0.4	1.2	7.7	-3.2	2.4	1.3	Production of natural mineral waters and other bottled waters
-2.2	-7.2	6.0	4.5	-0.3	3.7	1.8	2.1	-2.0	1.4	3.2	Other industry
3.9	-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6	-1.8	-5.9	Manufacture of tobacco products
-1.4	1.8	-1.3	0.6	0.6	0.3	3.7	-2.0	-6.9	1.2	2.5	Spinning, weaving and finishing of textiles
-1.2	3.0	-2.4	1.4	-0.5	-0.3	4.7	-1.3	-9.3	0.8	3.4	Preparation and spinning of textile fibres
-1.4	-1.7	2.2	-1.0	3.9	2.1	1.5	-3.8	-2.6	1.6	0.9	Weaving of textiles
-8.5	5.7	-8.9	-6.2	-3.1	-4.6	1.4	0.4	21.6	5.7	-2.4	Dyeing, bleaching, printing and finishing of yarns and fabrics
-1.5	-0.8	0.1	2.0	-1.6	0.9	0.9	-0.03	-3.3	1.8	-0.1	Other industry
0.1	-5.7	1.9	-0.1	-5.3	-0.3	0.03	-3.7	-2.5	2.2	0.2	Manufacture of other textiles
-2.1	1.1	-0.5	2.7	-0.3	1.3	1.3	1.2	-3.5	1.7	-0.2	Manufacture of knitted and crocheted fabrics
-4.7	0.9	-2.0	4.1	-1.1	4.8	8.7	-3.0	-3.8	0.2	-1.2	Other industry
-6.0	3.2	-2.9	4.0	-1.3	7.4	12.7	-2.3	-3.7	-0.3	-1.8	Manufacture of wearing apparel, except fur
-1.5	-4.2	0.2	4.2	-0.7	-1.3	-1.4	-4.8	-4.2	1.7	0.6	Manufacture of clothings
-0.9	0.6	-2.5	4.3	0.4	0.1	-1.2	3.9	2.8	0.05	-2.1	Other industry
3.5	-2.3	0.2	6.4	-1.2	0.2	4.9	-4.7	1.5	-0.4	1.4	Manufacture of articles of fur, knitted and crocheted apparel
-4.8	-0.9	2.8	4.9	1.6	2.5	1.3	0.2	-1.8	-2.5	-0.04	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
-0.8	-3.8	0.7	5.0	1.2	1.3	1.9	0.1	-2.7	-1.6	0.8	Manufacture of leather footwear
-12.2	5.2	6.8	4.6	2.2	4.7	0.3	0.4	-0.1	-4.0	-1.6	Manufacture of rubber footwear
-0.1	6.0	-1.7	3.1	2.5	-0.3	-0.7	-3.0	4.3	-4.3	3.9	Other industry
											Sawmilling and planning of wood

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	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-0.3	-0.9	1.0	0.8	21.1	0.2	-2.0	-1.0	0.8	0.5
16211	Pembuatan kepingan venier dan papan lapis	-2.1	1.3	4.0	-2.0	19.6	0.6	-2.8	-3.0	3.6	2.3
16212	Pembuatan papan partikel dan papan gentian	3.5	-12.4	-6.6	5.3	35.2	1.0	-0.6	0.8	-10.7	0.2
16221	Pertukangan kayu untuk jurubina	-1.0	2.5	3.9	2.6	14.7	1.4	-0.9	-0.04	3.4	-1.1
	Industri lain	2.7	-0.4	-4.8	3.4	22.7	-3.1	-2.3	1.9	1.0	-2.2
170	Pembuatan kertas dan produk kertas	0.8	-5.1	0.7	4.4	25.9	-1.7	1.0	-1.6	-4.1	-0.8
17010	Pembuatan pulpa, kertas dan kertas tebal	3.7	-9.8	-5.7	8.6	66.6	-0.2	6.2	-0.7	-4.7	-8.2
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	0.4	-4.0	0.8	1.9	15.3	2.2	-2.0	-0.2	-3.7	-0.9
17091	Pembuatan sampul surat dan kad surat	-1.0	-1.1	8.7	4.1	16.3	-1.8	-4.1	5.8	-2.9	-0.7
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	9.6	-9.1	1.1	5.2	23.2	-1.6	7.6	-5.6	-8.6	2.3
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	-7.4	-2.9	5.4	3.8	57.4	-6.3	1.2	-2.7	-1.7	-0.3
	Industri lain	-4.7	-1.5	-0.3	8.9	8.2	-10.2	-2.4	-1.1	-0.5	1.2
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.0	2.1	-3.6	2.1	20.1	-4.3	3.1	-0.8	0.1	2.4
18110	Percetakan	2.1	2.6	-4.9	2.2	20.4	-6.5	4.2	-0.5	0.6	1.5
18120	Aktiviti perkhidmatan berkaitan percetakan &	8.4	-0.2	3.0	1.3	18.3	8.4	-2.8	-1.9	-2.3	7.6
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2.8	-16.4	4.7	13.0	18.7	-10.1	0.2	15.8	-24.8	-1.9
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	-1.8	-5.7	3.2	4.5	35.3	-4.4	-4.1	4.1	-3.2	-7.1
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-12.2	-11.1	16.1	-2.0	14.2	-10.9	-1.7	0.7	-11.4	-0.1
20112 & 20113	Pembuatan kimia organik asas	-11.2	-5.3	-3.5	10.9	56.5	-15.5	-2.5	2.6	2.4	-14.6
20121 & 20129	Pembuatan sebatian bukan organik										
20121	Pembuatan baja	2.4	-5.5	6.9	-9.0	70.6	3.0	-7.3	16.0	-11.4	-0.5
20129	Pembuatan produk campuran nitrogen	18.5	-4.7	8.3	3.4	3.3	15.9	-5.6	5.4	-7.7	1.6
20131	Pembuatan plastik dalam bentuk primer	4.7	-4.3	-4.8	-4.1	63.2	6.9	-8.9	-5.4	15.5	-17.7
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	6.0	-6.1	0.6	2.3	27.9	-4.2	6.4	1.1	-4.6	-7.1
20210	Pembuatan racun perosak dan produk agrokimia lain	8.3	8.5	-2.2	8.1	-4.7	0.6	1.2	13.7	-2.1	1.4
20221	Pembuatan cat, varnis dan penyadur dan mastik	11.6	-4.5	-3.1	-3.5	20.6	0.7	16.8	-12.4	1.4	-5.3
20222	Pembuatan dakwat cetak	-8.8	-5.8	-7.6	1.3	102.7	-8.9	2.9	-4.4	5.4	-13.7
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	5.7	-7.0	1.4	0.7	35.7	-11.9	12.6	4.0	-12.2	-1.8
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials										
20292 & 20299	Pembuatan dakwat menulis dan melukis	6.3	-11.1	4.2	4.7	22.5	0.4	-1.3	2.6	-2.8	-14.8
	Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	1.9	0.5	9.2	-6.0	85.8	0.9	5.3	-6.9	3.1	1.5
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-11.2	3.8	3.2	6.5	13.5	-15.1	-6.1	1.7	8.4	-5.3
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-11.7	4.2	1.1	6.9	19.4	-16.8	-7.9	1.0	10.3	-6.2
	Industri lain	-9.2	2.5	10.0	5.3	-4.8	-8.5	0.2	3.8	2.3	-2.3
221	Pembuatan produk getah	-5.2	2.7	6.2	-2.9	24.1	-1.3	-2.1	0.1	-1.1	3.4
22111	Pembuatan tayar getah untuk kenderaan	-13.7	-16.1	0.5	-4.0	31.5	0.3	-15.7	-9.8	-7.7	2.4
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	3.5	11.0	3.2	-2.0	-22.9	0.1	-5.8	25.6	-3.6	2.1
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-2.7	5.1	3.7	4.6	5.7	-1.4	-9.4	12.4	-1.6	3.0
22192	Pengilangan semula getah dan prosesan susu getah										
22192	Pembuatan sarung tangan getah	-5.2	7.1	9.9	-5.3	23.9	-2.1	3.6	-3.2	0.6	4.6
22199	Pembuatan produk getah lain yang t.t.t.l.	-3.9	-3.0	1.4	-4.4	60.7	-0.3	1.2	-2.8	-1.1	1.4
222	Pembuatan produk plastik	-1.5	4.1	-0.6	1.5	19.1	-1.9	-2.3	0.8	5.0	0.8
22201 & 22202	Pembuatan produk plastik separa siap	-4.3	-1.5	-5.4	6.0	33.9	-2.0	0.6	-8.7	5.8	1.3
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	3.1	9.5	2.7	0.4	-6.3	1.5	-6.7	10.5	6.3	0.8
22204	Pembuatan barangan plastik jurubina	4.6	-2.6	-4.8	6.8	9.5	0.6	-9.2	11.1	-3.8	-3.6
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	3.0	5.2	4.7	5.1	15.5	0.8	1.5	3.9	0.5	1.6
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.5	5.3	-0.1	-2.6	28.8	-5.0	-2.1	2.0	4.6	0.4
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-0.9	5.7	-1.5	-3.1	20.2	-3.8	-2.3	5.4	2.6	0.9

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-2.1	3.0	-1.1	0.1	-0.1	0.7	2.4	0.3	-1.6	-0.1	0.2	Manufacture of products of wood, cork, straw and plaiting materials
-2.2	5.2	-0.8	0.3	-2.7	1.9	-1.5	0.8	-3.6	-1.1	-0.9	Manufacture of veneer sheets and plywood
-7.0	-2.1	-1.4	3.2	1.6	3.3	-0.4	-0.1	-0.4	-0.7	-1.2	Manufacture of particle board and fibreboard
0.7	6.4	-2.6	-2.4	4.1	-4.6	13.2	1.7	0.2	-0.3	2.5	Manufacture of builders' carpentry
-1.2	-3.8	0.6	0.2	0.9	2.0	2.6	-3.0	0.7	3.9	1.0	Other industry
0.6	-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2	-1.7	-3.0	Manufacture of paper and paper products
-4.1	-1.4	0.3	3.6	7.0	-2.0	1.3	-3.5	8.6	-6.2	0.1	Manufacture of pulp, paper and paperboard
3.4	-3.9	3.5	1.7	0.6	-1.5	0.2	6.4	-2.1	1.6	-4.5	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
0.2	0.4	14.4	-3.2	1.9	-1.2	2.5	-3.7	-3.3	0.5	-3.2	Manufacture of envelopes and letter-card
-1.9	5.1	-6.8	4.1	2.6	-3.6	14.7	-10.7	8.2	-8.3	-3.4	Manufacture of household and personal hygiene paper
1.1	5.0	-3.5	6.2	0.7	1.3	-1.9	-1.1	1.8	-2.9	-2.6	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
-0.7	-2.0	3.5	-1.6	4.4	2.0	8.6	-11.2	-2.9	1.6	-0.4	Other industry
-0.4	-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3	-1.0	0.4	Printing, service activities related to printing and reproduction of recorded media
-0.2	-2.1	-2.5	-4.6	1.5	4.2	6.2	-6.9	4.5	-0.9	1.5	Printing
-1.7	0.7	4.0	-5.0	1.9	1.4	1.7	8.6	-2.4	-1.4	-5.0	Service activities related to printing
											Reproduction of recorded media
7.0	-1.9	0.8	6.6	5.2	-3.0	14.9	-10.0	0.0	15.5	-24.3	Manufacture of refined petroleum products
2.9	2.0	3.6	-1.9	0.8	2.5	6.3	-5.6	3.4	2.8	-3.1	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
1.6	11.6	-2.1	13.4	-11.3	1.6	4.3	10.7	3.3	15.6	-15.2	Manufacture of liquefied or compressed inorganic industrial or medical gases
											Manufacture of basic organic chemicals
5.2	-2.8	4.4	-4.5	6.9	4.1	7.7	-11.4	9.0	-1.4	2.9	Manufacture of inorganic compounds
											Manufacture of fertilizers
-1.2	3.8	11.2	-9.3	-2.7	-3.1	-4.6	4.8	0.9	15.1	-7.3	Manufacture of associated nitrogen products
1.6	5.0	3.2	-1.6	-0.4	1.9	7.6	-6.6	-2.9	0.6	-4.6	Manufacture of plastics in primary forms
2.3	2.3	-2.3	-1.0	-9.1	6.0	8.6	10.7	2.6	1.4	-5.6	Other industry
1.9	1.6	1.1	-1.3	0.6	-1.7	10.1	-4.3	0.1	1.7	-6.1	Manufacture of other chemical products and man-made fibres
1.7	-5.0	3.1	-1.9	9.2	-2.5	3.0	13.2	-4.6	14.0	-2.4	Manufacture of pesticides and other agrochemical products
4.7	-0.1	-3.3	-6.0	-2.7	2.8	8.2	1.7	1.4	-4.9	2.1	Manufacture of paints, varnishes and similar coatings ink and mastics
1.5	-1.4	-3.9	0.9	-2.6	0.4	13.6	-2.9	-2.5	-1.0	4.8	Manufacture of printing ink
											Manufacture of soap and detergents, cleaning and polishing preparations
1.9	0.7	1.6	-2.9	0.1	-5.0	17.2	-11.5	1.0	9.0	-16.8	Manufacture of perfumes and toilet preparations
											Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
0.6	6.8	2.9	2.5	0.1	-0.8	7.4	-7.4	1.6	-6.9	-3.2	Manufacture of writing and drawing ink
											Manufacture of other chemical products n.e.c.
-1.2	7.4	3.0	-0.04	-6.8	1.9	-4.0	3.6	-0.8	2.9	2.2	Other industry
0.9	2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6	1.3	9.8	Manufacture of pharmaceuticals, medicinal chemical and botanical products
1.9	0.3	3.8	-2.4	4.1	-4.1	18.2	-19.1	-6.5	-0.4	10.7	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
-2.4	8.6	5.2	0.8	-1.5	2.6	8.2	-3.9	-6.6	5.8	7.4	Other industry
6.5	-2.0	4.0	0.5	-2.6	-1.3	-3.4	2.2	-4.3	-0.1	-1.6	Manufacture of rubber products
6.7	-5.1	3.3	-4.6	-4.0	3.8	-1.5	16.0	-17.0	-12.0	-3.8	Manufacture of rubber tyres for vehicles
-0.3	2.8	0.6	-1.4	-0.5	-1.1	0.01	11.5	-10.5	4.9	-6.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
											Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
0.6	1.8	-1.5	4.6	1.2	-1.0	4.4	8.2	-8.0	7.2	-5.1	Rubber remilling and latex processing
12.8	-5.4	8.1	1.1	-4.0	-2.7	-8.5	-0.1	0.2	-3.0	0.4	Manufacture of rubber gloves
-4.0	6.0	-1.2	-3.7	-2.4	0.7	1.2	-9.3	-2.4	4.3	-0.01	Manufacture of other rubber products n.e.c.
-3.4	1.8	-0.1	-1.2	0.9	1.3	1.6	-4.0	-1.6	0.1	4.3	Manufacture of plastics products
											Manufacture of semi-manufactures of plastic products
-5.9	-5.2	5.2	0.2	2.4	1.5	2.0	0.4	2.5	-4.6	6.0	Manufacture of finished plastic products
-5.4	7.5	-0.8	-1.5	1.3	0.2	0.8	3.0	-7.2	11.0	5.5	Manufacture of plastic articles for the packing of goods
0.2	2.2	-13.5	10.9	3.1	-0.4	5.8	0.2	-8.3	18.6	-6.0	Manufacture of builders' plastics ware
1.2	-0.4	6.8	-2.1	2.0	1.8	3.1	-24.1	5.7	1.8	-2.1	Manufacture of plastic tableware, kitchenware and toilet articles
-0.4	4.0	-4.5	-2.3	-1.3	2.1	1.5	-9.2	-1.5	-6.1	3.3	Manufacture of diverse plastic products n.e.c.
-0.9	-0.7	-0.8	0.2	-2.9	-0.7	1.3	-4.8	-2.8	2.5	4.0	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	Jan.	Feb.	Mac	Apr.	Mei
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-3.0	-0.3	0.5	5.3	19.3	-3.6	-3.5	1.5	-0.2	0.5
23911	Pembuatan mortar refraktori dan konkrit										
&		4.5	-1.9	-2.2	5.6	10.8	-4.2	-0.1	6.1	-4.6	-1.1
23921	Pembuatan seramik bukan refraktori										
23930	Pembuatan produk porselin dan seramik lain	-8.6	6.4	12.8	0.1	41.4	-12.0	1.6	0.4	-1.3	10.8
23941	Pembuatan simen hidrolik	-7.7	-9.2	-3.1	-2.8	60.6	1.5	-20.6	-0.3	-2.7	3.6
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	2.2	-0.2	0.3	7.8	19.8	0.2	-2.4	3.9	-0.9	-2.1
23952	Pembuatan konkrit pratuangan, simen atau artikel batu										
&	buatan yang digunakan dalam pembinaan;										
23953	Pembuatan komponen struktur pasang siap untuk bangunan	-5.3	0.5	1.7	3.1	18.5	-1.6	-5.1	2.2	-0.5	2.3
&	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.	-4.2	-1.8	1.4	10.3	1.3	-9.1	2.1	-5.9	-0.4	2.9
	Industri lain	-3.0	4.0	-4.4	6.4	26.3	-7.7	-0.1	4.3	7.6	-7.4
241											
(24101 &											
24102 &	Pembuatan besi dan keluli asas	5.0	-6.1	-3.5	5.6	36.5	1.3	-8.1	2.5	-2.7	-2.4
24103 &											
24104 &											
24109)											
242											
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	12.6	-2.4	-3.6	1.8	20.9	5.0	3.7	-3.4	-0.3	-0.1
24202 &											
24209)											
243	Pengacuan logam	3.4	-6.0	-0.7	0.5	45.2	3.8	-1.9	-6.4	4.4	-7.8
251 &											
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	5.6	-4.8	2.6	-0.3	22.4	3.6	-4.1	-0.8	-4.7	3.6
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan										
&	pintu pagar daripada logam	1.2	-3.7	1.3	0.4	31.5	4.9	-9.5	2.6	-4.3	4.1
25119	Pembuatan produk struktur logam lain										
25120	Pembuatan tangki, takungan dan kontena daripada logam	12.4	-5.8	4.6	0.1	8.3	2.8	-0.4	-2.8	-5.7	3.9
	Industri lain	2.1	-5.9	1.2	-5.0	36.3	0.2	7.1	-7.2	-3.1	0.4
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	3.7	-0.7	-1.3	2.9	16.6	-1.1	-0.3	-0.4	-0.6	1.3
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.4	-1.1	3.9	8.0	21.1	-8.6	-2.1	0.6	-0.1	1.3
25920	Rawatan dan penyalutan logam; menggunakan mesin	10.3	-1.0	-11.3	8.1	41.4	-5.4	2.7	-0.7	0.8	-0.5
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	0.0	-1.2	1.6	5.5	-10.2	0.3	-0.3	-4.4	-0.2	4.0
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam										
&		9.3	-1.9	-2.1	-4.0	13.4	2.0	3.0	0.9	-4.4	0.7
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya										
25994	Pembuatan barangan rumah daripada logam	3.8	-0.9	0.6	0.4	20.2	1.4	2.5	-3.4	-0.5	3.2
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	4.3	2.8	-3.0	2.5	18.6	3.7	-2.1	0.3	2.8	1.9
	Industri lain	-10.5	-6.5	10.1	8.3	29.0	-6.8	-12.4	-1.7	0.2	-2.9
261	Pembuatan komponen dan papan elektronik	-2.8	-4.5	-5.6	6.2	46.7	-9.6	0.3	-3.1	-4.1	2.5
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya										
&		-1.4	-5.1	-0.2	5.3	38.1	-9.2	1.4	-1.3	-4.6	-1.8
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro										
26103	Pembuatan kapasitor dan perintang elektrik										
&											
26104	Pembuatan papan litar bercetak	-6.9	-3.7	-16.3	9.4	67.3	-11.9	-1.2	-7.7	-3.4	12.7
&											
26105	Pembuatan komponen paparan										
26109	Pembuatan komponen lain untuk aplikasi elektronik	7.1	-2.3	-8.4	-0.3	48.3	3.0	-5.2	2.7	-1.4	-1.2
262											
(26201 &	Pembuatan komputer dan kelengkapan peranti	-5.8	0.4	14.9	10.1	-1.4	-13.1	-0.5	-6.1	1.6	3.6
26202)											
263/											
26300	Pembuatan peralatan komunikasi	0.8	1.7	-5.5	9.3	28.4	-1.5	3.9	-1.9	-2.4	5.8
264/											
26400	Pembuatan peralatan elektronik pengguna	-13.6	-20.2	-19.3	24.1	76.1	0.5	-14.8	-10.7	-8.8	3.9
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-0.9	20.0	-5.9	4.8	-25.6	-12.2	8.1	7.2	1.7	7.5
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan										
&		-1.1	21.5	-6.2	5.2	-28.4	-13.1	8.7	7.6	2.2	7.5
26512	Pembuatan kelengkapan kawalan proses perindustrian										
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.0	-3.1	-0.3	-3.8	28.5	4.6	-0.6	0.2	-6.2	6.4
266/											
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	13.8	-2.9	3.5	0.3	21.1	1.3	4.3	0.4	-4.1	4.1

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
-0.6	0.3	-0.04	1.5	2.3	1.4	2.7	-2.3	-2.7	2.6	-0.3	Manufacture of non-metallic mineral products
											Manufacture of refractory mortars and concretes
-1.0	-3.1	2.2	1.4	-1.1	0.6	14.0	-12.1	0.1	7.9	-8.4	Manufacture of non-refractory ceramic
-1.0	5.2	5.8	1.5	-3.0	-2.4	5.8	-5.8	0.8	1.3	-2.5	Manufacture of other porcelain and ceramic products
-2.6	8.8	-16.0	1.1	1.0	-0.3	5.6	4.9	-11.3	-2.5	-1.6	Manufacture of hydraulic cement
0.9	-0.5	-0.7	4.3	2.3	1.3	5.7	4.0	-2.0	1.2	1.6	Manufacture of ready-mix and dry-mix concrete and mortars
											Manufacture of precast concrete, cement or artificial stone articles for use in construction
-0.6	1.6	-0.3	-0.2	3.7	2.1	-5.0	0.4	-5.6	1.6	-0.9	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.
0.3	-5.0	8.2	0.1	4.0	1.9	5.9	-10.0	2.6	7.9	-0.9	Manufacture of other non-metallic mineral products n.e.c.
-3.6	1.4	-3.5	4.9	1.2	1.4	6.3	-4.5	-0.8	-0.9	7.1	Other industry
-2.2	-2.8	1.1	2.9	-1.8	1.4	12.7	-3.1	-3.9	1.9	-1.9	Manufacture of basic iron and steel
-2.8	-0.3	-3.3	2.6	-2.4	-0.1	11.4	4.7	0.6	-6.6	2.0	Manufacture of basic precious and other non-ferrous metals
0.1	0.6	1.8	0.5	1.0	-3.6	2.8	7.9	-7.4	2.8	0.7	Casting of metals
-1.5	2.4	1.1	-2.1	0.1	-1.2	4.4	5.6	-3.7	-1.5	-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
-1.1	0.4	2.5	-4.0	2.6	-1.6	2.4	8.5	-9.5	-2.2	-3.0	Manufacture of other structural metal products
-1.9	5.2	-1.5	1.6	-2.2	-1.2	7.9	1.2	2.5	-0.9	1.0	Manufacture of tanks, reservoirs and containers of metal
-1.3	1.0	5.2	-7.1	-2.3	0.5	0.3	10.7	-1.4	-0.9	3.4	Other industry
-1.6	-2.0	1.2	1.5	-0.6	-0.7	7.7	-0.2	-0.4	-0.8	-1.3	Manufacture of other fabricated metal products; metal working service activities
											Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-4.9	3.2	4.7	1.5	1.6	-0.2	11.4	-5.0	-0.6	2.7	-0.5	Treatment and coating of metals; machining
-5.5	-1.1	-9.8	-0.5	11.7	-7.5	18.3	-5.2	2.0	-0.4	-4.6	Manufacture of tins and cans for food products, collapsible tubes and boxes
-1.3	2.7	-2.2	0.0	1.8	4.6	4.0	0.2	-2.1	-2.1	-8.9	Manufacture of metal cable, plaited bands and similar articles
											Manufacture of bolts, screws, nuts and similar threaded products
1.8	-4.6	1.5	0.6	-5.9	-1.8	7.1	2.7	1.5	-2.8	0.6	Manufacture of metal household articles
-2.9	2.3	-1.6	1.0	1.5	-1.8	-0.2	7.7	-0.04	-4.6	5.8	Manufacture of any other fabricated metal products n.e.c.
-2.1	-6.1	4.7	3.2	-2.7	0.4	3.8	3.6	-1.6	-0.3	1.3	Other industry
2.5	1.7	7.7	6.5	-0.04	-1.5	7.6	-7.4	-5.3	-2.0	-0.1	
-0.3	-8.1	1.7	3.0	-0.8	0.5	11.8	-9.0	0.2	-1.4	-1.1	Manufacture of electronic components and boards
											Manufacture of diodes, transistors and similar semiconductor devices
3.3	-4.1	3.2	0.8	-0.4	-0.2	12.8	-8.8	-0.7	-1.4	2.9	Manufacture of electronic integrated circuits micro assemblies
											Manufacture of electrical capacitors and resistors
-7.3	-18.4	0.6	9.8	-2.2	2.6	9.5	-9.7	2.1	-2.3	-10.4	Manufacture of printed circuit boards
											Manufacture of display components
-0.5	2.6	-13.9	-2.7	4.0	-1.2	11.5	-8.8	3.2	4.8	-2.8	Manufacture of other components for electronic applications
2.7	7.1	2.1	8.5	-0.9	-2.0	18.3	-13.6	-1.0	-5.7	-3.0	Manufacture of computers and peripheral equipment
1.2	-7.0	-2.3	1.4	-1.2	20.4	-7.9	7.1	-0.2	-0.4	-1.3	Manufacture of communication equipment
-7.0	-22.2	7.5	7.3	14.4	-0.5	4.6	0.0	0.8	3.0	2.2	Manufacture of consumer electronics
13.8	-5.4	-15.8	-0.3	8.8	-0.4	8.5	-10.1	5.3	-0.8	2.0	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
											Manufacture of measuring, testing, navigating and control equipment
14.7	-5.8	-16.4	-0.3	9.3	-0.5	9.3	-10.7	5.7	-0.7	2.0	Manufacture of industrial process control equipment
-2.8	1.8	-3.5	0.4	-1.3	0.8	-6.5	5.3	-2.2	-2.9	2.5	Manufacture of watches and clocks and parts
-9.3	10.7	-4.3	4.7	-0.7	-1.7	1.9	-10.2	1.5	0.0	-3.0	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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	Jan.	Feb.	Mac	Apr.	Mei
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5.6	-6.3	-2.2	6.1	22.2	-4.1	3.6	8.4	-10.0	-5.6
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	2.1	1.9	1.7	-4.1	33.0	-2.8	-4.3	-1.5	-1.6	8.5
27101	Pembuatan motor elektrik, penjana dan transformer	-1.2	-2.0	9.4	-2.1	11.4	5.5	-11.4	2.1	-7.6	11.9
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	4.5	4.5	-3.3	-5.5	49.2	-8.1	0.8	-3.9	2.4	6.5
272/ 27200	Pembuatan bateri dan akumulator	-0.2	10.5	-1.8	-8.7	8.9	-6.5	13.5	-3.8	3.5	8.9
273	Pembuatan pendawaian dan peranti pendawaian	-5.3	-5.1	5.2	-1.6	55.9	0.9	-2.8	-0.4	-12.1	14.8
27310	Pembuatan kabel gentian optikal	-10.9	14.6	3.0	1.2	-5.9	-13.5	0.3	-1.3	6.3	9.1
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-5.4	-7.4	5.7	-1.7	63.5	2.2	-3.4	0.1	-14.8	16.2
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	13.1	3.1	0.2	-6.1	65.1	13.7	6.0	-8.7	6.9	0.1
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1.9	-4.7	14.9	0.1	3.0	-8.8	-3.4	0.03	-11.0	10.6
275/ 27500	Pembuatan perkakasan domestik	-1.8	-14.6	4.2	1.2	81.4	-3.4	0.3	2.0	-23.9	15.8
279/ 27900	Pembuatan kelengkapan elektrik lain	-0.3	6.9	3.7	9.4	-15.9	-0.8	-12.8	3.3	4.7	3.1
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-0.8	-6.9	2.3	7.5	28.0	-3.5	-1.7	-3.9	-2.2	-2.0
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-39.2	-0.4	6.5	19.9	49.6	-45.6	-2.4	-2.7	-1.8	6.5
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-7.1	-5.8	8.7	12.3	20.6	-9.6	1.1	-9.2	-1.5	3.0
28192	Pembuatan jentera pembentukan logam dan alatan mesin										
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	17.9	-15.4	-2.4	9.4	44.6	5.8	9.2	-3.8	-15.2	-0.8
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	5.3	-3.9	-0.3	6.6	52.8	5.9	-7.7	-1.7	2.5	-5.3
	Industri lain	2.2	-5.8	1.3	3.6	17.6	2.6	-4.7	-2.5	0.8	-4.4
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-9.3	-6.8	2.0	6.6	44.8	-12.0	-0.6	-10.2	-0.7	2.0
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	-5.1	-0.2	-7.6	2.1	0.2
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-2.5	11.8	-4.1	2.2	18.9	-9.9	2.3	0.2	10.5	1.0
301 (30110 & 30120)	Pembinaan kapal dan bot	7.9	-1.3	2.1	5.5	3.8	2.8	-3.9	14.2	-10.1	2.6
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	32.3	-0.3	2.6	2.7	-1.0	1.5
30910	Pembuatan motosikal	1.2	1.6	-3.1	6.2	26.5	0.9	-0.9	5.1	-1.3	1.8
30920	Pembuatan basikal dan <i>invalid carriages</i>	-2.2	1.8	2.7	-8.8	93.7	-4.7	0.2	-1.2	0.1	3.7
	Industri lain	8.4	0.4	-7.8	-1.4	24.5	-1.2	11.9	-0.9	-0.8	0.2
310	Pembuatan perabot	0.8	-4.3	0.1	4.2	25.4	0.0	-3.1	-0.5	-2.9	2.1
31001	Pembuatan perabot kayu dan rotan	1.2	-4.8	-0.8	4.8	21.0	-0.1	-3.3	-0.2	-3.7	2.4
	Industri lain	-1.2	-2.3	3.9	1.9	44.3	0.2	-2.3	-2.0	0.5	0.6
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	-1.3	-1.4	-2.5	3.4	33.4	-9.1	4.4	1.1	-2.4	-0.1
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	15.2	-6.8	0.8	-0.4	-0.7	0.7
32901	Pembuatan alat tulis	0.1	-2.4	12.0	-0.3	31.0	-0.6	-0.01	-2.9	-2.5	2.0
	Industri lain	-1.7	-0.1	1.9	9.8	11.5	-8.2	0.9	0.2	-0.3	0.4
323/ 32300	Pembuatan barangan sukan	0.3	-8.3	-7.2	-1.4	79.9	5.2	-3.0	2.1	-9.6	5.4
324/ 32400	Pembuatan permainan dan mainan	-18.7	13.5	1.1	-1.3	15.4	-30.4	-0.2	11.9	6.0	-0.3
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	2.1	-0.9	-4.7	4.5	25.6	-2.8	0.6	0.1	1.5	-2.4
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	-0.9	-1.7	-22.2	5.6	34.2	-19.3	9.3	-3.8	3.4	-6.7
	Industri lain	3.0	-0.6	0.7	4.2	23.6	3.5	-1.9	1.4	0.9	-1.1
Jumlah Pembuatan		-0.9	-1.3	-0.1	4.1	-38.5	-4.5	-1.3	-0.2	-1.4	1.0

2025											Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	
4.7	-3.2	-1.8	3.5	0.8	-0.6	11.6	-14.7	3.6	4.3	-2.1	Manufacture of optical instruments, photographic equipment, magnetic and optical media
1.5	0.4	-3.3	-0.5	-3.6	-5.1	14.1	-0.6	-4.2	0.4	-3.8	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
3.1	2.7	-0.3	3.0	-3.0	-2.5	2.1	4.6	-5.2	6.9	-6.5	Manufacture of electric motors, generators and transformers
0.5	-1.1	-5.3	-3.1	-4.2	-7.2	23.9	-4.0	-3.5	-4.3	-1.5	Manufacture of electricity distribution and control apparatus
-2.1	-2.3	-2.0	1.3	-3.4	-5.5	-6.3	0.3	2.7	-4.2	6.4	Manufacture of batteries and accumulators
-1.4	5.4	-3.3	-4.5	5.2	-8.1	9.6	-5.0	-1.3	-0.5	-8.1	Manufacture of wiring and wiring devices
7.0	-1.8	-4.2	1.1	-1.9	1.7	7.9	-13.2	7.0	2.8	8.1	Manufacture of fibre optic cables
-2.5	6.6	-3.3	-5.3	6.6	-9.5	10.3	-4.1	-2.6	-0.8	-10.7	Manufacture of other electronic and electric wires and cables
1.5	0.3	-0.9	-1.4	-3.8	-2.1	0.7	-0.1	6.5	-3.6	1.0	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
3.5	10.8	-0.6	-4.3	-2.8	0.2	18.2	-7.7	10.0	-1.9	-1.0	Manufacture of electric lighting equipment
0.2	-2.8	7.9	-8.3	-0.6	4.9	5.7	-11.7	-5.3	-0.4	-17.6	Manufacture of domestic appliances
8.0	-8.1	6.6	4.9	-1.5	4.1	7.9	-1.5	-6.0	-1.3	6.7	Manufacture of other electrical equipment
-0.6	2.2	0.4	2.7	2.4	0.1	8.7	-4.5	-0.8	-4.2	-1.9	Manufacture of general-purpose and special-purpose machinery
-0.2	1.2	3.0	3.7	12.8	-5.2	19.6	-37.4	-3.0	-0.2	-1.8	Manufacture of fluid power equipment
-0.8	4.7	-0.02	9.9	1.9	-1.8	14.5	-5.4	-4.2	-7.4	4.1	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
											Manufacture of metal-forming machinery and machine tools
0.03	-1.0	-2.4	1.1	1.2	7.3	9.2	2.3	8.2	-3.6	-15.3	Manufacture of air-conditioning machines, including for motor vehicles
3.2	-1.4	0.2	2.3	4.1	-0.1	2.5	-12.8	-5.9	-13.1	1.3	Manufacture of other special-purpose machinery
-1.5	3.0	1.2	0.2	1.3	-0.3	6.1	0.4	-0.9	-1.6	-0.4	Other industry
-0.7	-1.5	5.1	-0.04	-1.2	-1.0	20.6	-21.1	1.0	-13.1	-1.2	Manufacture of motor vehicles
-0.2	3.0	-0.8	0.2	0.1	1.6	3.4	-2.8	2.3	-7.9	1.9	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-1.0	-3.6	0.2	-0.8	2.0	-2.1	6.2	-6.2	2.4	0.6	11.0	Manufacture of parts and accessories for motor vehicles
0.8	-1.4	2.0	2.1	1.4	1.1	3.5	2.0	0.7	14.4	-8.8	Building of ships and boats
-3.9	0.3	-4.7	3.6	1.7	-0.5	1.4	0.5	-0.5	-0.7	-1.3	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
-3.8	-2.2	-0.7	4.9	2.6	-0.6	2.9	-0.3	-0.1	-1.7	-2.1	Manufacture of motorcycles
0.2	16.8	-20.7	2.0	0.0	-0.6	-5.5	0.9	2.9	2.2	0.7	Manufacture of bicycles and invalid carriages
-5.7	-0.1	-6.7	1.2	0.03	0.03	0.2	2.2	-2.9	0.9	0.3	Other industry
-4.2	0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9	-0.7	-3.2	Manufacture of furniture
-4.4	-0.9	1.8	3.5	-0.7	0.4	6.6	-1.0	-3.2	-0.8	-3.0	Manufacture of wooden and cane furniture
-3.2	5.2	0.2	1.8	2.2	-1.6	-1.3	4.2	-1.4	-0.6	-4.2	Other industry
-3.1	1.1	-1.2	-2.0	3.4	-2.6	10.7	3.6	0.5	1.4	-2.7	Manufacture of jewellery, bijouterie and related articles
-0.6	3.0	1.0	0.8	2.5	2.5	7.3	-5.5	0.7	0.8	-1.6	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
2.7	3.6	8.9	-0.9	-3.3	0.1	2.4	-0.7	1.2	1.4	-1.3	Manufacture of stationery
-1.3	2.9	-0.9	1.3	4.1	3.0	8.4	-6.5	0.6	0.7	-1.6	Other industry
-7.2	6.6	-16.0	1.9	0.2	2.9	4.3	-2.0	5.4	-1.6	1.9	Manufacture of sports goods
-0.8	-1.0	3.9	0.7	-6.1	-0.8	11.6	-30.2	4.7	3.8	5.4	Manufacture of games and toys
-3.0	-1.9	0.2	-0.5	0.9	3.5	4.6	-3.0	1.8	-0.3	1.8	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
-2.5	-20.0	1.0	1.7	-5.4	9.6	9.9	-12.4	9.4	-1.8	3.0	Repair and maintenance of transport equipment except motorcycles and bicycles
-3.1	3.6	0.01	-1.0	2.4	2.1	3.3	-0.6	0.1	0.05	1.5	Other industry
0.1	-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	-0.4	-0.9	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
Ikan tin Canned fish	Tan Tonne	5,748	5,959	567	487	615	513	545
Ikan segar sejuk beku Frozen fish	Tan Tonne	19,660	20,260	1,631	1,412	1,518	1,417	1,506
Bebola ikan Fish ball	Tan Tonne	7,794	9,448	668	516	694	858	985
Sotong sejuk beku Frozen cuttle fish/squid	Tan Tonne	7,063	6,701	504	398	571	553	639
Udang geragau/udang sejuk Frozen shrimps/prawns	Tan Tonne	17,266	21,941	1,666	1,626	1,996	1,975	2,097
Jem (semua jenis) Jams (all types)	Tan Tonne	11,851	10,335	1,044	675	697	773	790
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
Minyak kelapa, ditapis Coconut oil, refined	Tan Tonne	73,933	70,881	5,652	4,005	4,075	5,603	6,454
Lemak dohl/shortening Dough fats/shortening	Tan Tonne	158,613	156,647	13,488	11,799	10,637	12,821	12,503
Marjerin Margerine	Tan Tonne	73,536	86,989	6,562	7,018	6,092	7,238	6,757
Minyak masak campuran Blended/deodorised cooking oil	Tan Tonne	481,565	462,606	46,502	38,326	36,909	39,659	36,209
Susu pekat manis Sweetened condensed milk	Tan Tonne	469,591	479,533	39,248	39,708	41,263	35,134	42,701
Minuman susu Milk drinks	Liter ('000) Litres ('000)	120,976	128,558	10,958	9,516	9,001	8,016	9,595
Beras Whole rice	Tan Tonne	683,766	659,091	47,524	53,086	54,190	58,709	66,017
Beras hancur Broken rice	Tan Tonne	102,686	118,292	7,803	7,577	8,487	9,915	13,208
Tepung gandum Wheat flour	Tan Tonne	1,003,698	866,005	88,728	90,120	63,457	64,667	74,265
Roti dan kek Bread and cakes	Tan Tonne	599,866	786,730	46,866	74,165	68,821	63,945	65,334
Mee dan bihun Mee and bihun	Tan Tonne	260,710	255,834	23,469	24,119	20,683	22,280	21,629
Sos dan bahan perasa Sos and flavoring ingredients	Tan Tonne	93,755	96,621	9,773	9,247	7,351	6,029	6,041
Kelapa kering Desiccated coconuts	Tan Tonne	4,646	3,738	281	285	345	417	346
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
Hidangan ikan Fish meals	Tan Tonne	106,406	76,757	6,922	6,888	8,175	8,995	6,261
Biskut Biscuits	Tan Tonne	124,962	140,238	11,728	12,730	12,957	12,534	12,340
Gula bertapis Refined sugar	Tan Tonne	1,981,898	1,962,043	167,446	155,467	176,536	173,478	144,731
Minuman manis berkarbonat Sweet beverages (carbonated)	Liter ('000) Litres ('000)	357,856	458,276	38,301	32,522	34,378	36,305	38,079
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

2025										
Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
525	461	486	484	454	409	414	433	429	517	470
1,692	1,857	1,780	1,834	2,251	1,653	1,708	1,160	1,236	1,328	1,330
922	880	903	908	806	684	625	596	574	600	600
667	539	569	573	568	570	549	447	390	396	395
1,947	1,692	1,977	2,011	1,782	1,654	1,518	1,463	1,470	1,516	1,618
811	764	766	877	931	1,113	1,095	1,097	770	809	868
1,624	1,644	1,613	1,842	2,092	2,031	1,603	2,285	2,334	2,367	2,457
5,978	6,162	6,158	6,595	7,521	6,951	5,727	7,101	6,358	6,266	6,333
13,621	14,137	14,055	13,711	14,901	12,238	12,735	12,830	11,924	10,740	10,670
8,366	8,869	9,047	7,954	8,939	5,221	4,926	5,917	6,552	5,674	6,875
33,436	28,091	33,354	38,381	48,530	41,440	41,769	46,476	43,465	44,744	46,086
46,271	50,471	44,842	39,492	33,951	31,414	35,038	34,986	35,950	38,314	33,787
10,596	12,966	12,946	12,543	12,006	10,565	9,850	9,627	9,054	8,757	8,319
53,036	54,718	55,985	57,838	50,042	55,063	52,884	45,211	51,047	54,853	55,887
10,344	11,366	11,425	11,099	10,209	8,397	8,462	7,408	7,393	7,824	8,155
71,244	69,733	70,272	62,554	60,599	78,752	71,614	71,987	73,347	65,778	63,786
76,087	81,228	70,878	65,401	63,580	60,186	50,240	56,910	86,260	81,438	76,481
19,682	20,981	19,649	21,446	22,440	20,971	18,484	23,303	23,036	20,201	22,362
7,195	7,906	8,431	7,652	8,453	8,667	9,875	10,003	9,981	7,787	6,449
329	256	253	274	301	329	323	327	328	317	388
160,106	177,267	181,205	180,448	185,549	219,287	259,052	237,419	191,539	188,468	186,417
5,208	4,967	5,248	5,317	4,830	6,970	6,977	7,612	7,499	7,338	7,393
11,264	10,018	10,933	11,422	13,883	9,971	10,458	9,585	10,578	10,622	10,443
140,421	160,308	146,044	154,790	164,122	187,692	191,007	175,200	170,724	186,320	189,562
41,348	40,729	41,411	40,636	40,204	32,469	41,896	39,092	34,743	35,736	38,030
132,369	130,896	136,563	134,413	137,242	167,749	181,304	174,524	168,522	176,475	170,838

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
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
Kain kapas Cotton cloth	Meter ('000) Metres ('000)	41,668	63,561	4,101	5,339	4,819	5,399	6,234
Seluar lelaki Pants, males	Bilangan ('000) Number ('000)	2,433	741	100	95	131	122	84
Kemeja lelaki Shirts, males	Bilangan ('000) Number ('000)	15,444	16,061	1,442	1,269	1,255	1,332	1,427
Blaus Blouses	Bilangan ('000) Number ('000)	3,297	3,003	290	277	299	321	286
Pakaian perempuan Dresses	Bilangan ('000) Number ('000)	2,270	2,024	155	151	193	213	178
Kasut getah (semua jenis) Rubber footwear (all types)	Pasang ('000) Pairs ('000)	1,835	1,366	120	121	132	135	93
Kiln kayu kering Kiln dried timber	Tan Tonne	138,378	137,514	7,802	7,162	11,162	13,634	13,548
Kayu gergaji Rubberwood (sawn)	Tan Tonne	122,365	143,775	9,522	10,698	10,113	13,223	14,833
Kepingan venir Veneer sheets	Meter Padu Cubic metre	284,746	167,337	16,941	19,245	17,694	19,541	10,733
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
Papan lapis Plywood	Meter Padu Cubic metre	4,365,151	5,093,667	414,852	461,286	476,305	437,668	409,641
Ukiran kayu Timber moulding	Meter Padu Cubic metre	46,997	45,823	3,118	3,343	4,054	4,903	4,787
Kayu balak siap Dressed timber	Meter Padu Cubic metre	6,343	6,400	808	723	699	847	668
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
Kertas tisu Tissue paper	Tan Tonne	85,245	84,748	6,954	6,522	6,700	6,865	6,690
Kertas napkin Napkin paper	Tan Tonne	2,111	1,310	95	99	129	119	123
Kertas tandas Toilet paper	Tan Tonne	46,047	38,746	3,094	3,406	3,685	3,181	3,089
Minyak tanah Kerosene	Tan Tonne	3,275,428	3,619,726	253,995	190,453	311,056	292,481	411,133
Gas petroleum cecair Liquefied petroleum gas	Tan Tonne	2,524,079	2,385,651	136,970	222,607	212,854	223,760	268,505
Minyak bahan api Fuel oil	Tan Tonne	1,935,352	2,128,383	153,465	131,820	176,134	166,257	194,274
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
Gasolin (spirit motor) Gasoline (motor spirit)	Tan Tonne	4,639,314	4,277,629	215,923	253,667	257,685	242,704	394,924
Minyak pelincir campuran Blended lubricating oil	Tan Tonne	186,354	239,731	16,928	15,949	17,035	17,188	18,666
Nafta Naptha	Tan Tonne	2,974,988	3,381,541	172,666	242,018	228,330	277,386	360,008

2025										
Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
70,556	71,242	74,004	77,360	71,401	84,818	67,672	53,301	56,564	43,161	56,965
5,860	5,179	5,391	5,295	6,158	4,984	4,803	4,145	4,967	4,493	5,130
33	32	31	33	35	26	20	26	31	37	29
1,435	1,536	1,327	1,192	1,382	1,291	1,174	1,423	1,337	1,297	1,377
254	259	226	205	201	196	190	222	223	235	251
173	179	175	159	152	157	138	150	155	192	214
96	84	71	86	119	167	141	125	124	136	148
14,280	15,513	11,777	12,386	9,145	11,084	10,021	9,204	8,886	9,611	10,614
13,290	13,308	11,812	13,976	13,912	10,351	8,737	10,463	11,803	11,043	10,215
13,149	10,552	10,169	10,072	10,869	15,675	12,700	14,025	16,010	14,871	14,955
147,463	180,044	250,134	221,255	226,067	306,650	315,001	258,201	303,831	261,414	223,777
467,737	426,992	413,460	389,753	434,796	380,902	380,275	362,927	420,792	447,551	404,049
3,316	3,358	3,401	3,203	3,412	4,857	4,071	3,113	3,298	4,169	5,119
385	311	311	335	336	407	570	784	695	698	713
22,804	22,327	22,692	21,267	21,250	26,777	24,303	23,810	26,059	24,039	23,607
7,301	7,459	7,321	7,244	6,497	7,587	7,608	6,927	6,574	6,835	6,763
135	135	105	99	92	89	92	94	99	93	86
3,409	3,682	2,732	2,706	2,704	3,645	3,415	3,229	3,577	3,996	4,340
474,660	252,813	274,740	298,937	280,520	265,893	313,046	329,335	264,349	409,971	378,470
228,952	212,700	207,382	187,671	168,910	171,732	143,608	150,119	247,762	237,156	254,415
218,603	188,277	221,406	214,007	154,872	140,022	169,249	197,099	171,894	224,746	208,819
1,355,676	1,448,086	1,451,313	1,358,727	1,533,032	1,802,183	1,699,715	1,637,723	1,807,256	1,929,283	859,629
427,782	484,501	500,883	452,133	458,295	277,304	311,827	272,711	322,665	322,345	296,342
20,384	19,797	25,425	24,644	25,017	19,883	18,815	17,653	16,456	17,169	17,021
494,869	283,453	277,592	236,990	253,202	332,509	222,517	236,208	318,253	294,774	354,777

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
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
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
Methanol (methyl alcohol) Methanol (methyl alcohol)	Tan Tonne	5,090,653	6,418,393	555,053	536,428	518,656	440,918	498,892
Baja (termasuk urea) Fertilizers (includes urea)	Tonne Tonne	5,906,343	5,369,283	434,307	471,171	473,629	428,788	394,695
Sebatian P.V.C P.V.C. compound	Tan Tonne	56,303	43,615	3,679	3,749	3,625	3,944	3,546
Racun serangga aerosol Aerosol insecticides (liquid)	Liter Litres	5,163,308	4,240,499	422,415	413,931	377,944	394,043	356,576
Racun herba (cecair) Herbicides (liquid)	Liter ('000) Litres ('000)	91,732	71,789	8,842	8,245	7,945	8,166	7,043
Racun herba (bukan cecair) Herbicides (non-liquid)	Tonne Tonne	57,643	27,890	2,965	2,962	3,004	3,073	2,309
Cat emulsi Emulsion paints	Liter ('000) Litres ('000)	69,896	53,918	6,195	6,202	5,309	4,222	4,637
Cat lapis Under-coats	Liter ('000) Litres ('000)	13,019	11,461	1,007	1,063	890	960	1,296
Cat asas Primers	Liter ('000) Litres ('000)	21,342	24,677	1,938	2,116	1,656	1,426	1,833
Dakwat pencetak Printing ink	Tan Tonne	21,012	25,485	2,556	1,950	2,075	1,974	2,239
Pelembut fabrik Fabric softener	Liter ('000) Litres ('000)	29,439	31,631	2,389	2,651	2,703	2,372	2,639
Sabun mandi Toilet soap	Tan Tonne	14,935	16,145	1,348	1,579	1,658	1,271	1,243
Sabun serbuk (bahan pencuci) Soap powder (detergents)	Tan Tonne	77,816	90,433	6,087	6,590	7,342	6,850	7,577
Pelekat perindustrian Adhesive, industrial	Liter ('000) Litres ('000)	166,252	168,412	13,705	13,425	11,673	13,720	13,890
Tayar pneumatik (semua jenis) Pneumatic tyres (all types)	Bilangan ('000) Number ('000)	4,753	4,655	498	495	459	384	367
Tiub dalam (semua jenis) Inner tubes (all types)	Bilangan ('000) Number ('000)	788	683	83	71	55	49	47
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
Susu getah diproses Processed latex	Tan Tonne	50,917	52,446	4,038	3,907	3,888	3,870	4,291
Sarung tangan getah Rubber gloves	Pasang (Juta) Pairs (Million)	66,998	74,126	6,083	6,454	7,515	7,423	6,740
Kondom Condom	Gross ('000) Gross ('000)	21,118	25,898	1,935	1,812	1,788	2,615	2,518
Paip P.V.C. P.V.C. pipes	Tan Tonne	123,126	130,202	10,551	10,997	12,930	11,565	11,718
Bata tanah Earthen bricks	Bilangan ('000) Number ('000)	201,043	192,614	15,569	16,178	13,476	17,896	14,389
Jubin seramik Ceramic tiles	M. Persegi ('000) Sq. metres ('000)	24,753	33,136	1,601	1,910	2,501	2,808	3,110

2025										
Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
2,603,478	2,923,077	2,442,018	2,272,124	2,537,713	2,440,526	2,269,400	2,692,771	2,349,178	2,753,178	1,880,880
38,053	36,040	29,069	28,573	31,922	35,826	39,191	41,423	41,480	41,572	40,783
459,146	451,584	540,189	548,792	589,565	620,157	659,014	628,734	595,304	568,353	515,101
469,067	474,196	464,437	445,117	428,483	488,800	396,593	377,571	458,537	433,729	385,230
3,487	3,535	3,706	3,570	3,322	3,503	3,950	3,924	4,085	4,070	4,096
337,765	356,507	340,165	318,487	316,504	306,140	300,022	366,435	336,112	306,188	325,335
5,113	4,590	3,963	3,113	3,922	5,288	5,559	7,632	6,998	6,671	7,009
1,894	1,949	1,582	1,431	1,160	2,597	2,963	2,622	2,413	2,359	2,472
3,974	4,033	3,815	3,517	3,110	4,514	4,390	5,424	5,088	4,328	4,154
1,202	816	762	828	890	776	970	940	1,006	821	916
1,888	2,320	2,482	2,560	2,295	1,799	2,366	1,671	1,830	1,429	1,303
1,989	2,011	2,145	2,114	2,246	2,166	2,019	2,475	1,730	1,973	1,742
2,789	2,318	2,504	2,209	3,155	3,001	2,902	2,118	2,477	2,502	2,319
1,587	1,378	1,456	1,254	1,020	1,184	1,168	1,082	1,296	1,359	1,305
9,048	8,402	8,738	7,711	9,596	6,586	5,905	5,248	5,896	6,094	6,031
14,641	13,629	13,993	13,643	15,269	15,471	15,353	15,652	14,575	12,589	14,220
378	376	363	338	407	282	309	393	441	394	324
51	52	59	58	58	49	48	67	67	51	45
49,567	52,695	61,609	53,938	63,352	59,370	64,129	62,578	62,811	49,239	48,497
4,933	5,063	5,645	4,735	4,651	3,425	4,000	3,873	3,982	3,827	4,020
5,881	5,791	5,960	5,582	5,594	5,637	5,465	6,855	7,007	8,041	7,806
2,793	2,400	1,943	2,181	2,339	1,664	1,912	1,949	1,842	1,712	1,858
11,558	11,377	9,029	9,072	9,594	10,956	10,855	11,439	11,987	12,055	9,065
12,023	12,377	12,186	12,038	14,259	26,619	25,604	17,519	19,767	15,821	21,600
3,055	3,106	2,923	3,221	3,383	2,073	3,445	1,810	2,301	2,387	2,699

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
Simen (semua jenis) Cement (all types)	Tan ('000) Tonnes ('000)	23,191	27,188	2,461	2,592	2,873	2,044	2,018
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
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
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
Pasir silika (diproses) Silica sands (processed)	Tan ('000) Tonnes ('000)	167,623	153,669	10,811	16,977	12,523	9,194	15,195
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
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
Kepingan besi yang disadur Galvanized iron sheets	Tan Tonne	202,278	191,851	10,953	11,315	10,570	18,687	19,291
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
Dram besi dan keluli Iron and steel drums	Bilangan ('000) Number ('000)	3,474	4,115	274	278	282	273	381
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
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
Transformer elektrik Electrical transformers	Bilangan ('000) Number ('000)	252,794	275,660	27,216	27,607	27,270	22,197	22,840
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
Separa konduktor Semi-conductors	Bil. (Juta) Num. (Million)	35,227	35,958	3,050	3,390	3,289	2,496	2,761
Transistor elektronik Electronic transistors	Bil. (Juta) Num. (Million)	46,515	44,288	3,794	3,950	3,837	3,239	4,307
Litar bersepadu Integrated circuits	Bil. (Juta) Num. (Million)	51,838	39,361	3,031	3,145	3,272	3,506	4,872
Televisyen Television	Bilangan Number	13,583,353	13,798,012	1,000,226	901,036	1,005,501	1,013,545	1,519,004
Radio Radios	Bilangan ('000) Number ('000)	8,255	9,325	806	817	699	708	704
Penyaman udara Air-conditioners	Bilangan Number	3,342,121	3,578,572	276,871	299,728	321,088	311,847	333,088
Kereta penumpang Passenger cars	Bilangan Number	724,891	739,477	71,666	61,935	63,778	53,857	70,132
Kenderaan perdagangan Commercial vehicles	Bilangan Number	134,721	102,027	9,098	8,831	6,239	10,303	11,347
Wayar abah-abah, kenderaan bermotor Wire harness, motor vehicle	Bilangan ('000) Number ('000)	10,181	9,452	848	847	745	714	794
Motosikal dan skuter Motor cycles and scooters	Bilangan Number	355,243	403,622	33,309	30,392	29,122	30,919	42,033

2025										
Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.
1,898	1,880	1,903	1,882	2,011	2,794	2,831	2,815	2,741	3,140	2,263
3,316	3,602	3,613	3,584	3,814	2,873	3,486	3,507	3,095	3,362	2,874
3,568	4,617	3,750	3,310	3,651	2,535	3,204	3,953	1,908	2,160	2,875
96,306	90,639	94,735	110,919	105,497	105,959	95,411	91,200	91,346	82,853	88,815
10,038	11,985	11,800	11,582	13,204	17,272	13,090	11,023	19,052	16,725	12,975
93,135	90,110	90,625	90,963	82,272	85,170	75,166	83,469	86,955	11,221	11,358
100,017	101,974	131,627	108,571	95,023	97,171	121,068	110,700	117,650	107,962	111,172
16,433	15,204	20,656	24,909	21,483	11,815	10,534	9,025	9,211	9,661	17,398
155,717	163,170	168,485	172,163	172,737	188,879	210,880	215,213	228,257	206,979	210,077
501	458	383	351	378	279	277	270	290	282	271
14,340	14,950	14,305	13,601	11,660	13,029	13,841	11,471	16,317	15,118	14,164
1,393	1,474	1,414	1,409	1,289	1,262	1,061	1,205	1,341	1,129	1,336
19,556	22,231	19,937	19,495	23,302	22,302	21,706	28,959	30,607	31,017	27,059
7,661	9,100	8,651	9,373	6,502	4,827	5,920	6,024	7,372	6,962	6,363
3,309	3,415	3,312	3,198	2,574	2,567	2,596	2,981	3,290	3,299	2,401
4,091	3,743	3,655	3,542	3,257	3,228	3,644	3,964	4,035	4,057	3,313
3,133	3,281	3,415	3,613	3,292	2,410	2,390	2,178	2,277	2,329	3,105
1,271,186	1,151,505	1,320,396	1,206,082	953,946	1,251,670	1,203,915	1,180,802	1,004,833	1,123,083	1,152,400
677	786	923	757	696	829	923	914	881	761	789
248,657	306,764	276,400	248,276	287,176	328,044	340,633	330,464	362,168	369,805	359,672
46,811	66,010	69,624	51,730	66,906	56,898	60,130	53,794	58,606	55,301	52,925
7,918	8,757	7,918	6,710	7,246	9,551	8,108	6,550	7,088	5,538	11,610
834	893	799	686	798	769	724	722	755	732	733
35,122	37,465	35,439	33,747	33,065	31,025	31,984	30,732	27,704	27,893	27,297

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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).