



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

PERANGKAAN PEMBUATAN BULANAN MONTHLY MANUFACTURING STATISTICS

JULAI 2025
JULY

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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 memperkuat kerjasama statistik ke arah pembangunan serantau yang mampan.

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

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.

Malaysia, for the first time, ranked as number one (1) globally in the biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 197 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

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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Jabatan Perangkaan Malaysia

Department of Statistics Malaysia

Blok C6 & C7, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan

62514 Putrajaya,

MALAYSIA

Tel.	:	03-8885 7000
Faks/Fax	:	03-8888 9248
Portal	:	https://www.dosm.gov.my
Facebook / Twitter / Instagram / YouTube	:	StatsMalaysia
Emel/Email	:	info@dosm.gov.my (pertanyaan umum / <i>general enquiries</i>)
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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

September 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

September 2025



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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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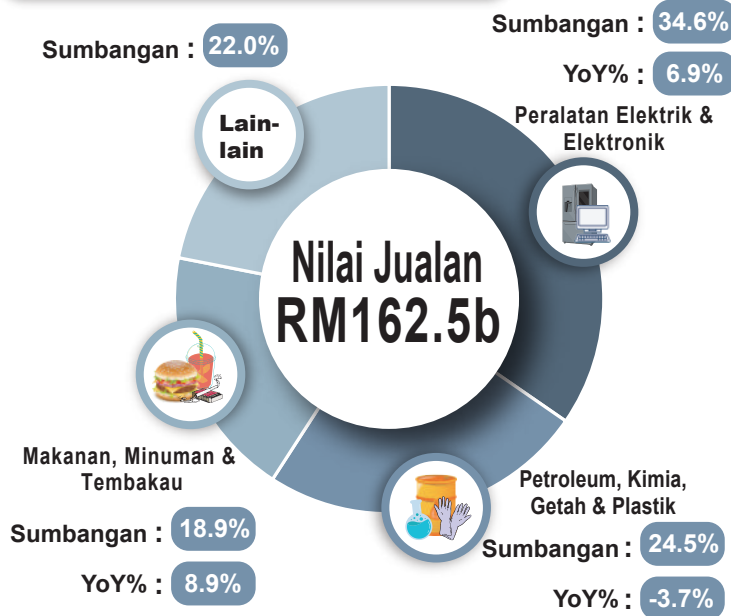
RINGKASAN PENEMUAN

*Summary of
Findings*

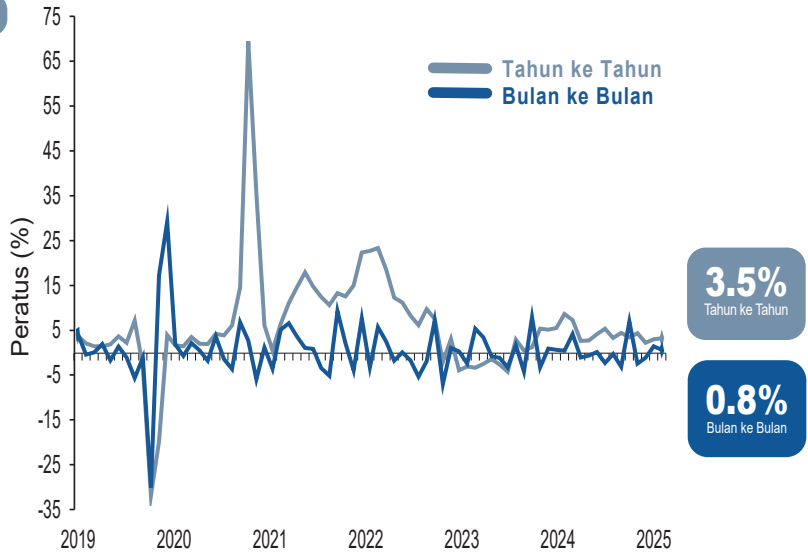
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PERANGKAAAN PEMBUATAN, JULAI 2025

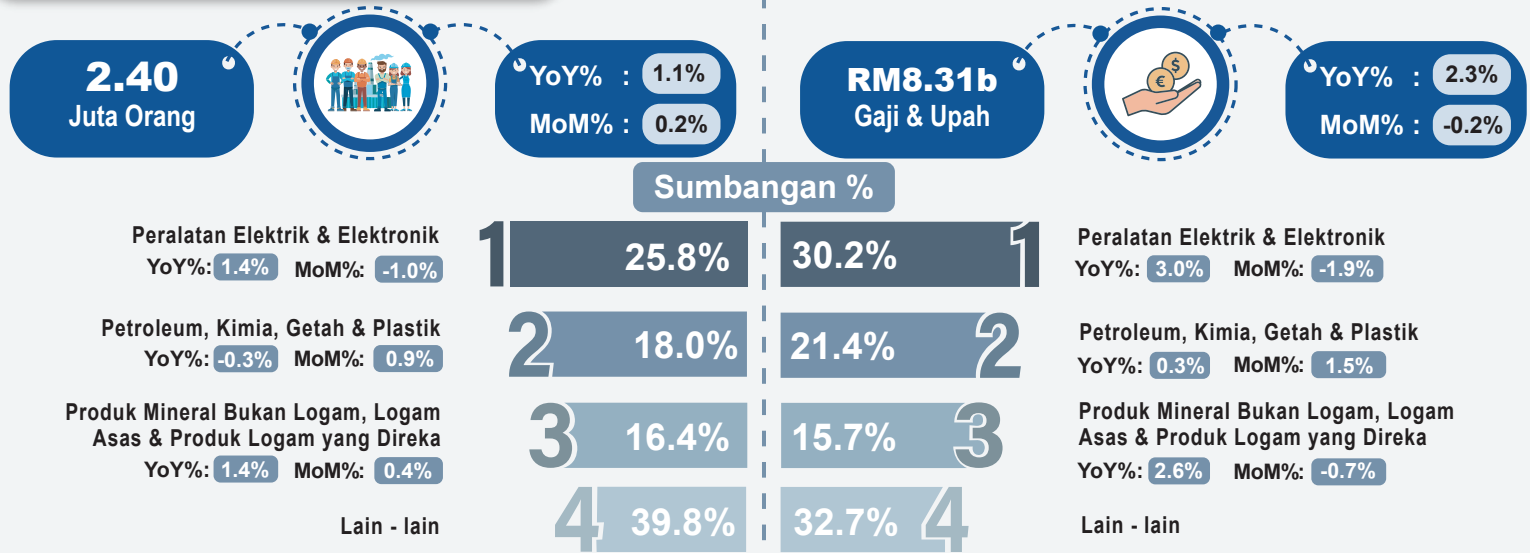
Nilai Jualan Sektor Pembuatan



Jualan sektor Pembuatan meningkat 3.5 peratus; berjumlah RM162.5 bilion pada Julai 2025



Bilangan Pekerja dan Gaji & Upah



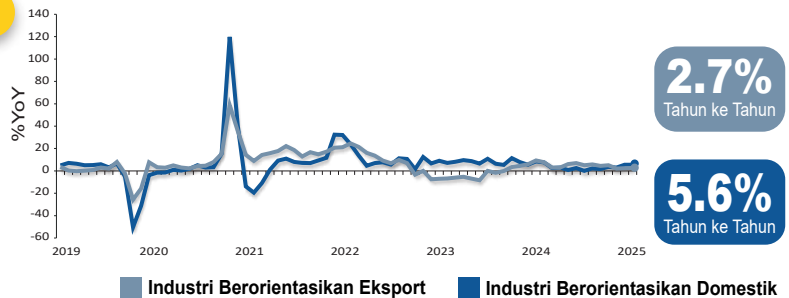
Industri Berorientasikan Eksport dan Domestik



71.7% Industri Berorientasikan Eksport

28.3% Industri Berorientasikan Domestik

Daripada Jumlah Jualan

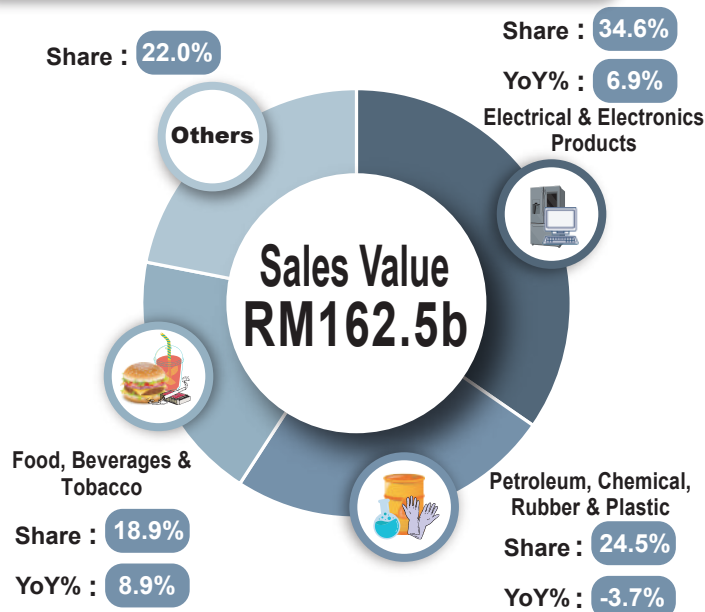


Sumber: Perangkaan Pembuatan Bulanan, Jabatan Perangkaan Malaysia (DOSM)

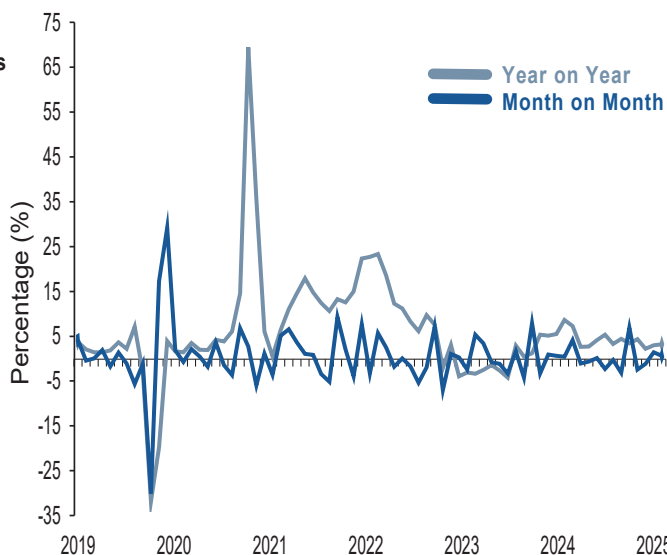


MANUFACTURING STATISTICS, JULY 2025

Sales Value of the Manufacturing Sector



The Manufacturing sector sales increased 3.5 per cent; amounted to RM162.5 billion in July 2025



Number of Employees and Salaries & Wages

2.40
Million Employees



YoY% : 1.1%
MoM% : 0.2%

RM8.31b
Salaries & Wages



YoY% : 2.3%
MoM% : -0.2%

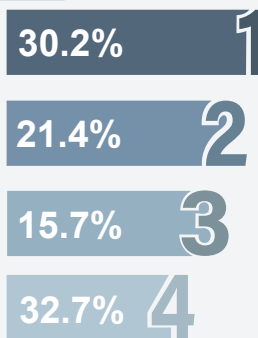
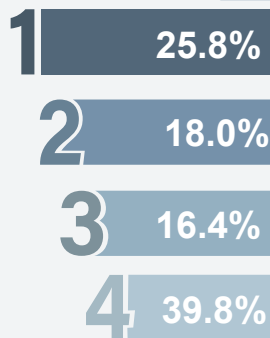
Share %

Electrical & Electronics Products
YoY%: 1.4% MoM%: -1.0%

Petroleum, Chemical, Rubber & Plastic
YoY%: -0.3% MoM%: 0.9%

Non-metallic Mineral Products, Basic Metal & Fabricated Metal Products
YoY%: 1.4% MoM%: 0.4%

Others



Electrical & Electronics Products
YoY%: 3.0% MoM%: -1.9%

Petroleum, Chemical, Rubber & Plastic
YoY%: 0.3% MoM%: 1.5%

Non-metallic Mineral Products, Basic Metal & Fabricated Metal Products
YoY%: 2.6% MoM%: -0.7%

Others

Export and Domestic-oriented Industries



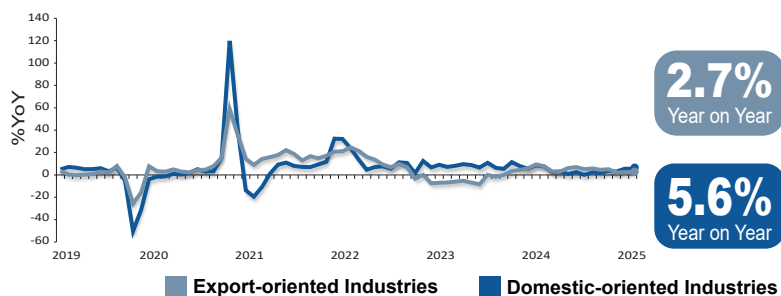
71.7%

Export-oriented Industries

28.3%

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)



ASEAN
MALAYSIA 2025
INCLUSIVITY AND SUSTAINABILITY



MALAYSIA
MADANI
kemampanan



ODIN
OPEN DATA INVENTORY
MALAYSIA
NUMBER ONE
IN THE WORLD

20 October 2016 - 2030

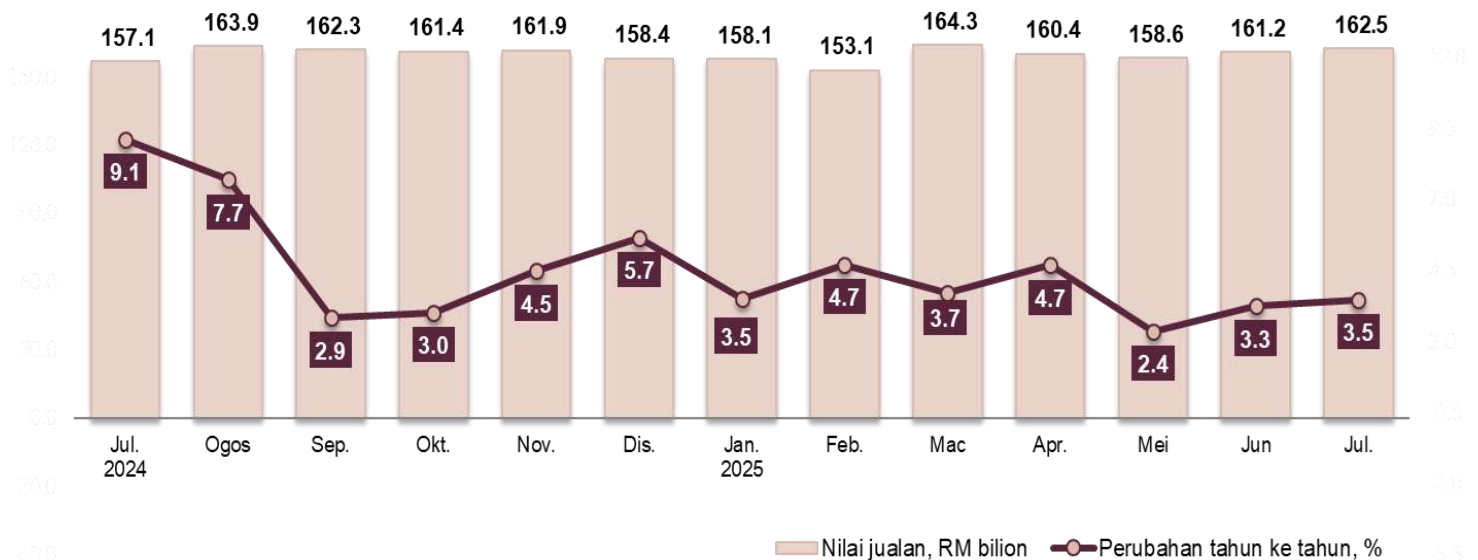
PRESTASI SEKTOR PEMBUATAN JULAI 2025

1.0 NILAI JUALAN SEKTOR PEMBUATAN

Nilai jualan sektor Pembuatan meningkat 3.5 peratus tahun ke tahun (Jun 2025: 3.3%), berjumlah RM162.5 bilion pada Julai 2025 seperti yang ditunjukkan di **Carta 1**. Pada masa yang sama, nilai jualan pelarasan bermusim meningkat 3.2 peratus berbanding bulan sebelumnya

Peningkatan nilai jualan dalam sektor Pembuatan disumbangkan terutamanya oleh subsektor Makanan, minuman & tembakau, berkembang 8.9 peratus pada Julai 2025 (Jun 2025: 14.7%). Pertumbuhan ini turut disokong lagi oleh subsektor Peralatan elektrik & elektronik dan Produk mineral bukan logam, logam asas & produk logam, yang masing-masing meningkat sebanyak 6.9 peratus (Jun 2025: 4.5%) dan 3.8 peratus (Jun 2025: 3.0%).

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

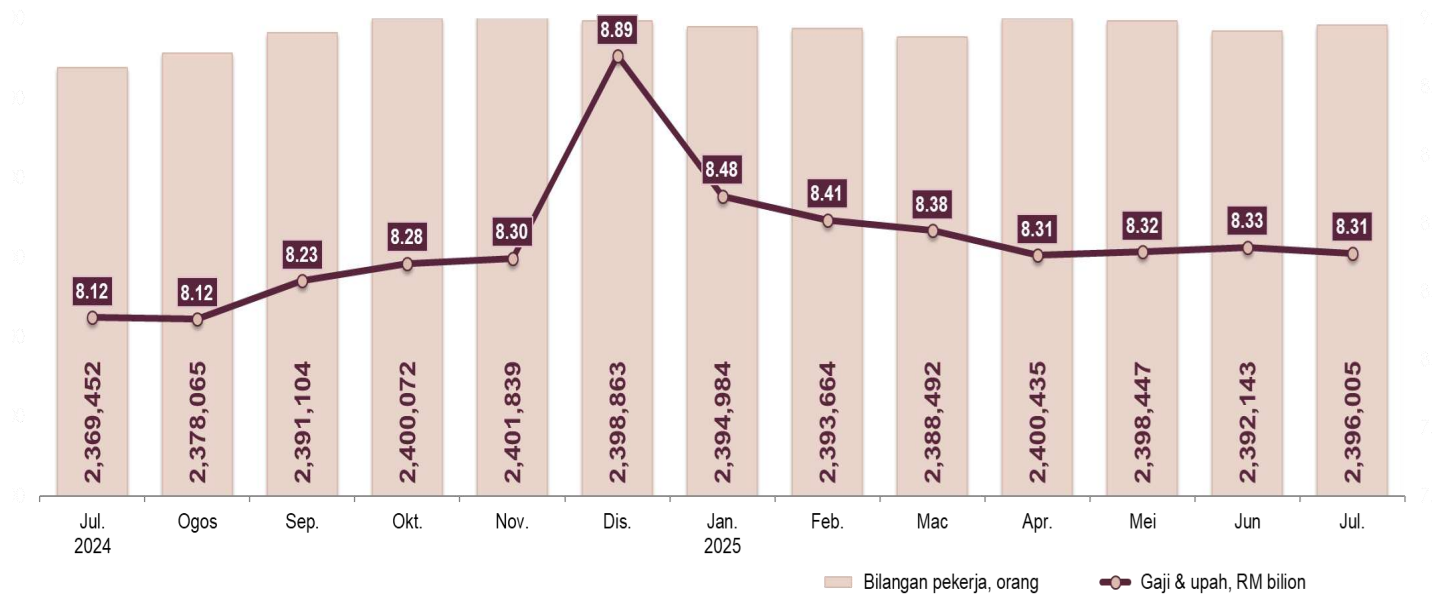
2.0 BILANGAN PEKERJA

Sejumlah 2.4 juta orang pekerja direkodkan dalam sektor ini pada Julai 2025, bertambah sebanyak 1.1 peratus (Jun 2025: 1.0%). Pertambahan ini dipacu terutamanya oleh subsektor Makanan, minuman & tembakau (2.0%); Produk mineral bukan logam, logam asas & produk logam yang direka (1.4%); dan Peralatan elektrik & elektronik (1.4%). Berasaskan bulan ke bulan, bilangan pekerja dalam sektor ini meningkat 0.2 peratus.

3.0 GAJI & UPAH

Gaji & upah yang dibayar dalam sektor Pembuatan juga mencatatkan pengembangan 2.3 peratus (Jun 2025: 1.6%), berjumlah RM8.31 bilion pada Julai 2025 seperti yang ditunjukkan di **Carta 2**. Tambahan pula, gaji & upah yang dibayar susut 0.2 peratus berbanding RM8.33 bilion yang direkodkan pada bulan sebelumnya.

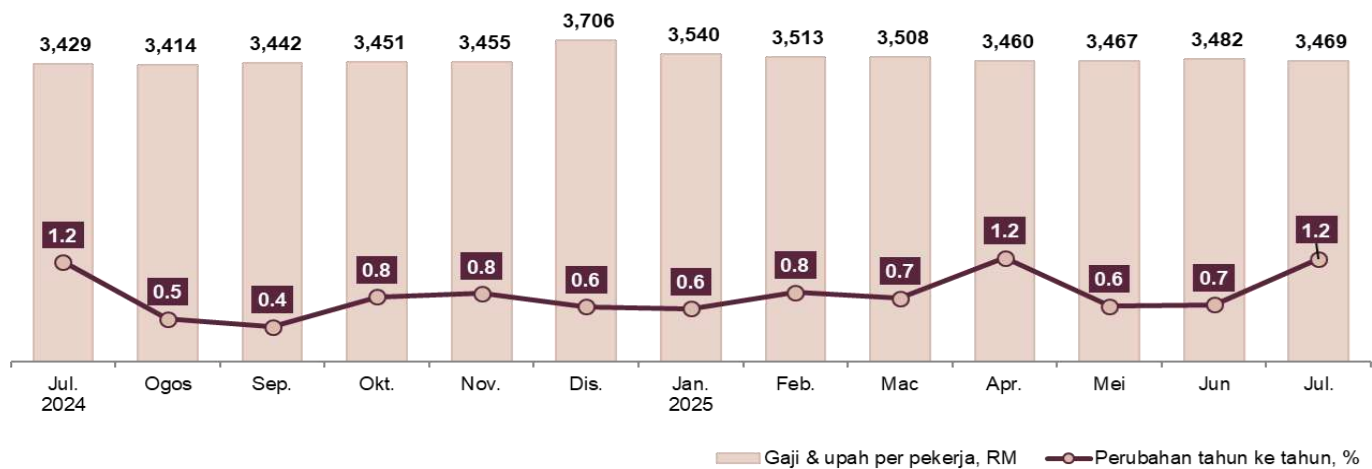
Carta 2: Bilangan Pekerja dan Gaji & Upah Sektor Pembuatan, Julai 2024 - Julai 2025



4.0 PURATA GAJI & UPAH PER PEKERJA

Purata gaji & upah bulanan bagi setiap pekerja adalah RM3,469 pada Julai 2025, meningkat sebanyak 1.2 peratus berbanding setahun yang lalu seperti yang dipaparkan di **Carta 3**. Sementara itu, purata gaji & upah bagi setiap pekerja susut sebanyak 0.4 peratus berbanding bulan sebelumnya (Jun 2025: RM3,482).

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



5.0 NILAI JUALAN PER PEKERJA

Nilai jualan bagi setiap pekerja pada Julai 2025 meningkat sebanyak 2.3 peratus untuk merekodkan RM67,833 berbanding RM66,285 pada bulan yang sama tahun sebelumnya (**Carta 4**). Seiring dengan itu, purata nilai jualan bagi setiap pekerja meningkat 0.7 peratus berbanding Jun 2025.

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



6.0 PRESTASI BAGI TEMPOH JANUARI - JULAI 2025

Bagi tempoh dari Januari sehingga Julai 2025, sektor Pembuatan merekodkan jualan kumulatif sebanyak RM1.1 trilion, menunjukkan pertumbuhan 3.7 peratus (Januari – Julai 2024: 4.5%). Bilangan pekerja meningkat sebanyak 1.1 peratus kepada 2.4 juta orang, manakala gaji & upah meningkat 1.9 peratus kepada RM58.5 bilion.

Selain itu, nilai jualan setiap pekerja berjumlah RM466,735, tumbuh 2.5 peratus. Butiran terperinci seperti ditunjukkan di **Jadual A**.

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

Perangkaan Pembuatan Bulanan	Januari - Julai		% Perubahan
	2024	2025	
Nilai Jualan (RM juta)	1,078,605	1,118,298	3.7
Bilangan Pekerja	2,369,452	2,396,005	1.1
Gaji & Upah (RM juta)	57,447	58,531	1.9
Nilai Jualan Per Pekerja (RM)	455,213	466,735	2.5

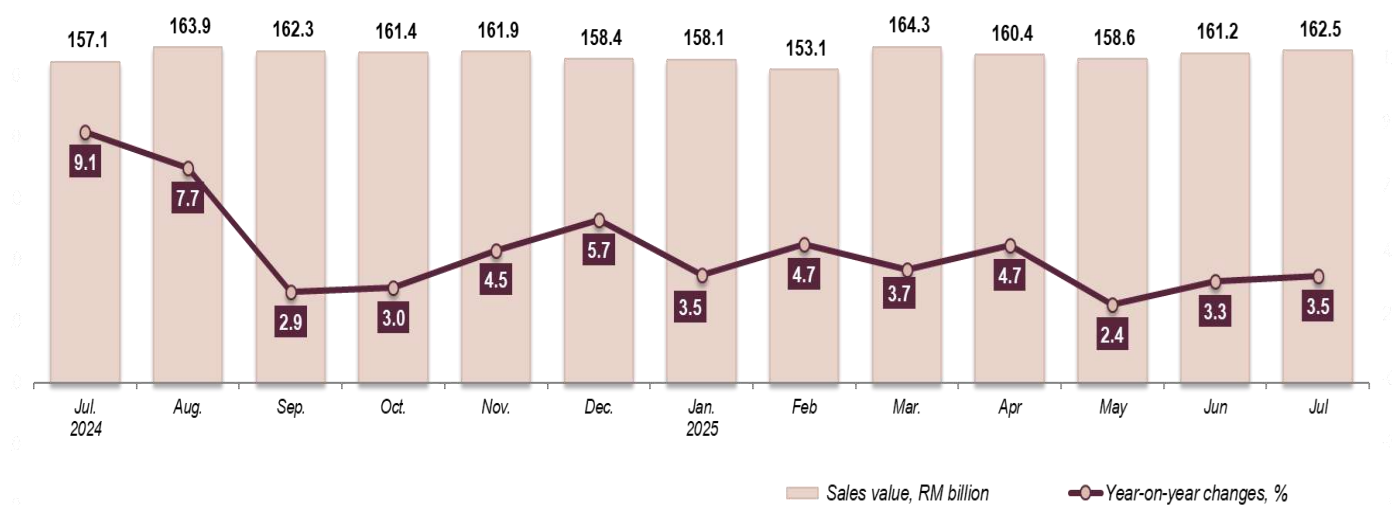
MANUFACTURING SECTOR PERFORMANCE IN JULY 2025

1.0 SALES VALUE OF THE MANUFACTURING SECTOR

The sales value of the Manufacturing sector increased 3.5 per cent year-on-year (June 2025: 3.3%), totalled at RM162.5 billion in July 2025 as shown in **Chart 1**. In the meantime, the seasonal adjusted sales value increased by 3.2 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, expanded by 8.9 per cent in July 2025 (June 2025: 14.7%). The growth was further supported by the Electrical & electronics products and the Non-metallic mineral products, basic metal & fabricated metal products sub-sectors, which rose by 6.9 per cent (June 2025: 4.5%) and 3.8 per cent (June 2025: 3.0%), respectively.

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

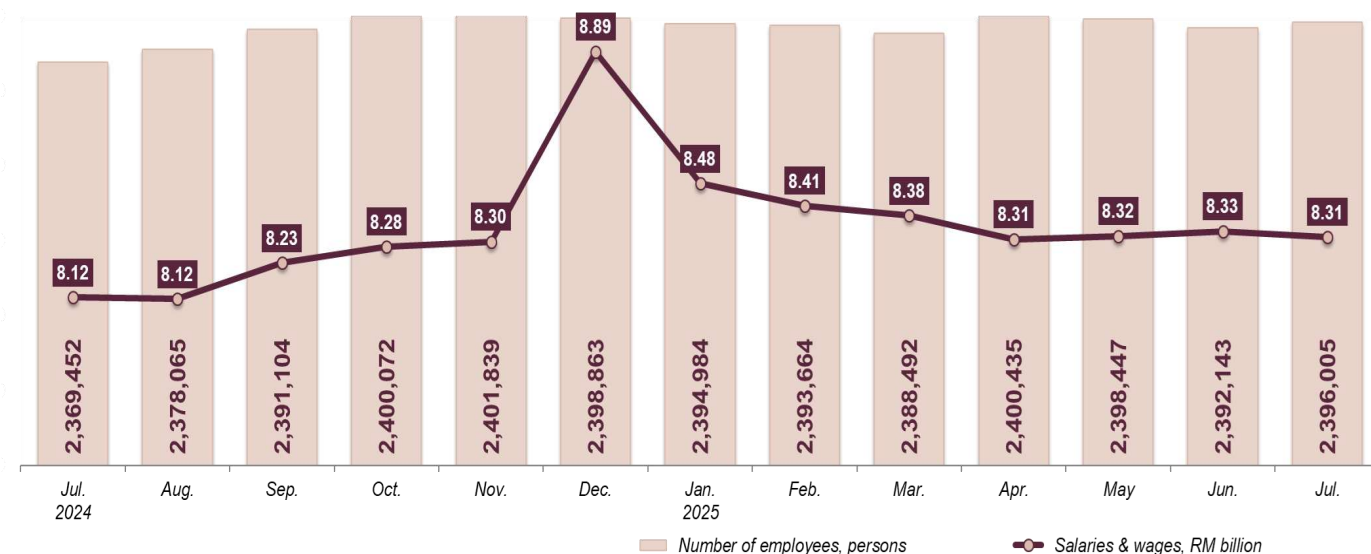
2.0 NUMBER OF EMPLOYEES

A total of 2.4 million employees were recorded in this sector during July 2025, augmented by 1.1 per cent (June 2025: 1.0%). The augmentation was mainly driven by the Food, beverages & tobacco (2.0%); Non-metallic mineral products, basic metal & fabricated metal products (1.4%); and Electrical & electronics products (1.4%). On a month-on-month basis, the number of employees in this sector increased 0.2 per cent.

3.0 SALARIES & WAGES

The salaries & wages paid in the Manufacturing sector also posted an expansion of 2.3 per cent (June 2025: 1.6%), amounted to RM8.31 billion in July 2025 as shown in **Chart 2**. In addition, the salaries & wages paid dropped by 0.2 per cent compared to RM8.33 billion recorded in the preceding month.

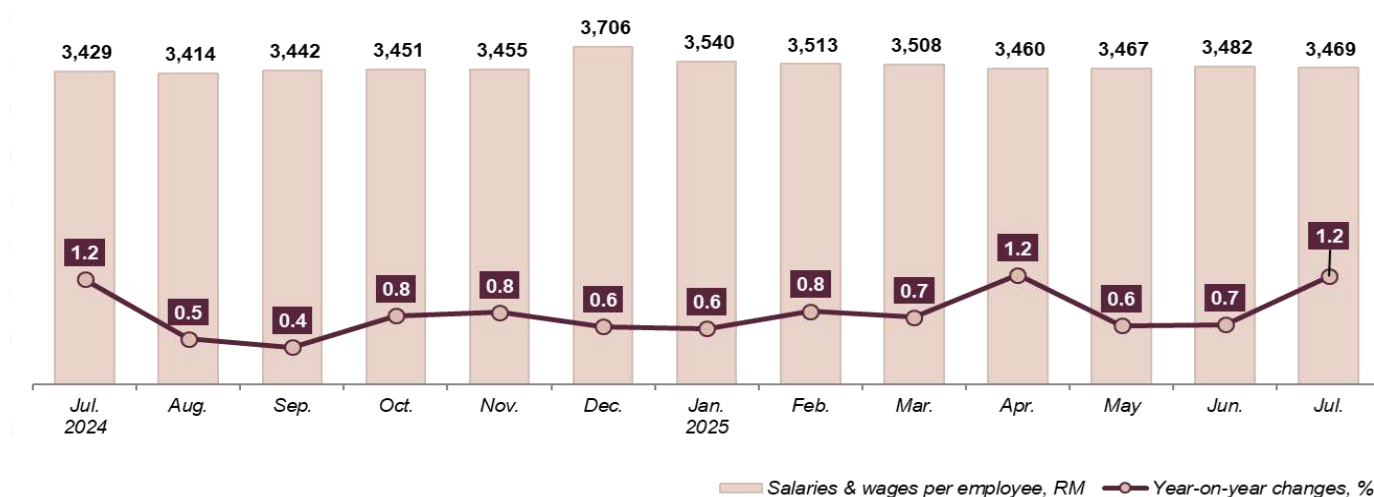
Chart 2: Number of Employees and Salaries & Wages in Manufacturing Sector, July 2024 - July 2025



4.0 AVERAGE SALARIES & WAGES PER EMPLOYEE

The average monthly salaries & wages per employee was RM3,469 in July 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 decreased by 0.4 per cent as compared to the preceding month (June 2025: RM3,482).

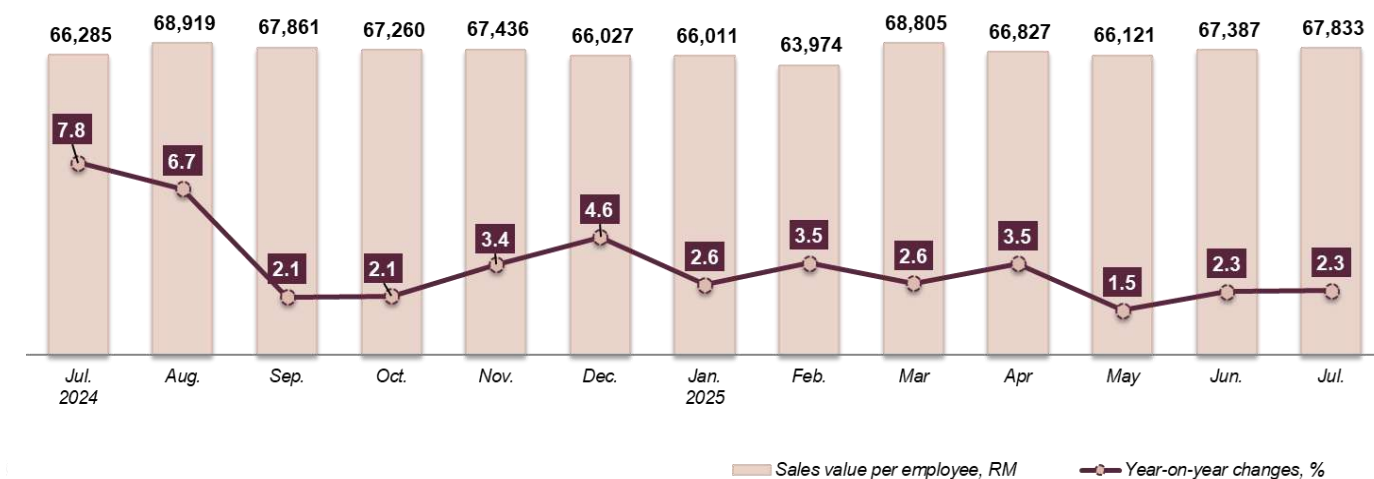
Chart 3: Salaries & Wages per Employee in Manufacturing Sector, July 2024 - July 2025



5.0 SALES VALUE PER EMPLOYEE

The sales value per employee in July 2025 increased by 2.3 per cent to record RM67,833 as compared to RM66,285 in the same month of the previous year (**Chart 4**). In the meantime, the average sales value per employee increased by 0.7 per cent as compared to June 2025.

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



6.0 PERFORMANCE IN THE PERIOD JANUARY - JULY 2025

For the period of January to July 2025, the Manufacturing sector recorded cumulative sales of RM1.1 trillion, reflecting a growth of 3.7 per cent as compared to the same period of 2024 (January – July 2024: 4.5%). The number of employee upticked by 1.1 per cent to 2.4 million persons, while salaries & wages increased by 1.9 per cent to RM58.5 billion.

Moreover, the sales value per employee stood at RM466,735, grew 2.5 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 - July of 2024 and 2025

Monthly Manufacturing Statistics	January - July		% Change
	2024	2025	
Sales Value (RM million)	1,078,605	1,118,298	3.7
Number of Employees	2,369,452	2,396,005	1.1
Salaries & Wages (RM million)	57,447	58,531	1.9
Sales Value per Employee (RM)	455,213	466,735	2.5

JADUAL

Tables

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

Tempoh Period		Nilai Jualan Produk Yang Dibuat Sendiri (Di Kilang) <i>Sales value of own (Ex-factory) (RM Juta/Million)</i>				Bilangan Pekerja Bergaji Pada Akhir Tempoh <i>Number of employees engaged at end of period</i>				Gaji & Upah Yang Dibayar <i>Salaries & wages paid (RM Juta/Million)</i>			
		Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM	Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM	Data Asal (Original Data)	% YoY	Pelarasan Musim (Seasonally Adjusted)	% MoM
2023		1,804,035	0.2			2,374,557	1.7			97,789	3.5		
2024		1,886,549	4.6			2,398,863	1.0			99,268	1.5		
2024	Q1	457,326	1.8			2,363,344	0.5			24,823	1.2		
	Q2	464,219	5.7			2,369,595	1.0			24,500	1.4		
	Q3	483,215	6.5			2,391,104	0.8			24,474	1.7		
	Q4	481,788	4.4			2,398,863	1.0			25,470	1.7		
2025	Q1	475,568	4.0			2,388,492	1.1			25,268	1.8		
	Q2	480,202	3.4			2,392,143	1.0			24,951	1.8		
2024	(Jan. - Jul.)	1,078,605	4.5			2,369,452	1.3			57,447	1.5		
2025	(Jan. - Jul.)	1,118,298	3.7			2,396,005	1.1			58,531	1.9		
2024	Jan.	152,704	3.2	149,845	4.3	2,372,913	1.3	2,356,488	-0.8	8,350	2.0	8,155	-1.1
	Feb.	146,191	0.7	155,213	3.6	2,365,000	0.6	2,351,807	-0.2	8,243	1.0	8,137	-0.2
	Mac	158,431	1.4	156,773	1.0	2,363,344	0.5	2,352,452	0.0	8,230	0.7	8,152	0.2
	Apr.	153,227	5.7	158,530	1.1	2,372,596	1.0	2,368,972	0.7	8,112	1.2	8,218	0.8
	Mei	154,897	5.5	162,213	2.3	2,377,714	0.9	2,376,146	0.3	8,191	1.1	8,257	0.5
	Jun	156,094	5.9	158,443	-2.3	2,369,595	1.0	2,380,330	0.2	8,198	1.8	8,296	0.5
	Jul.	157,060	9.1	164,504	3.8	2,369,452	1.3	2,384,811	0.2	8,124	2.4	8,324	0.3
	Ogo.	163,893	7.7	162,025	-1.5	2,378,065	1.0	2,389,702	0.2	8,119	1.5	8,279	-0.5
	Sep.	162,262	2.9	154,616	-4.6	2,391,104	0.8	2,394,816	0.2	8,231	1.2	8,294	0.2
	Okt.	161,428	3.0	153,822	-0.5	2,400,072	0.9	2,404,231	0.4	8,282	1.7	8,370	0.9
	Nov.	161,971	4.5	155,073	0.8	2,401,839	1.0	2,403,112	0.0	8,298	1.8	8,410	0.5
	Dis.	158,389	5.7	153,499	-1.0	2,398,863	1.0	2,398,072	-0.2	8,890	1.7	8,376	-0.4
2025	Jan.	158,095	3.5	160,099	4.3	2,394,984	0.9	2,388,272	-0.4	8,479	1.5	8,311	-0.8
	Feb.	153,133	4.7	162,012	1.2	2,393,664	1.2	2,389,793	0.1	8,410	2.0	8,326	0.2
	Mac	164,340	3.7	161,885	-0.1	2,388,492	1.1	2,385,010	-0.2	8,379	1.8	8,310	-0.2
	Apr.	160,415	4.7	163,163	0.8	2,400,435	1.2	2,398,852	0.6	8,306	2.4	8,404	1.1
	Mei	158,588	2.4	163,934	0.5	2,398,447	0.9	2,395,716	-0.1	8,315	1.5	8,367	-0.4
	Jun	161,199	3.3	162,941	-0.6	2,392,143	1.0	2,401,340	0.2	8,330	1.6	8,421	0.6
	Jul.	162,529	3.5	168,200	3.2	2,396,005	1.1	2,412,021	0.4	8,312	2.3	8,531	1.3

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

Subsektor Sub-sector	2023	2024	2024	
			Q1	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	309,508	338,336	75,567	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	292,444	319,765	70,861	
11 Pembuatan minuman <i>Manufacture of beverages</i>	13,055	14,226	3,399	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4,010	4,345	1,307	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	24,153	25,461	6,544	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	11,404	12,252	3,117	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	9,873	10,176	2,656	
15 Pembuatan produk kulit dan barangan bfrkaitan <i>Manufacture of leather and related products</i>	2,876	3,034	771	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	86,146	89,211	24,394	
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	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	29,883	30,153	7,711	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	14,526	15,504	3,948	
31 Pembuatan perabot <i>Manufacture of furniture</i>	17,130	18,569	5,326	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	469,010	464,334	111,249	
19 Pembuatan kok dan produk petroleum bfrtapis <i>Manufacture of coke and refined petroleum products</i>	224,749	208,646	48,509	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	112,375	115,258	29,595	
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	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	121,177	129,117	30,297	
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	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	52,777	56,071	15,168	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	56,455	59,789	15,889	
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	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	598,972	635,465	152,307	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	496,238	530,648	127,730	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	57,863	58,261	13,559	
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	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	136,778	140,683	36,196	
29 Pembuatan kenderaan bfrmotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	101,255	103,992	27,089	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	16,045	16,365	4,152	
32 Pembuatan lain <i>Other manufacturing</i>	13,315	13,872	3,248	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6,163	6,454	1,706	
Pembuatan Manufacturing	Jumlah Total	1,804,035	1,886,549	457,326

			2025			2024	2025
Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
80,980	87,830	93,959	84,786	91,389	184,816	206,974	
76,479	83,353	89,071	79,739	86,659	174,137	195,583	
3,387	3,592	3,849	3,734	3,623	7,950	8,659	
1,114	885	1,039	1,313	1,107	2,728	2,732	
6,264	6,234	6,419	6,516	6,209	14,940	14,831	
3,164	2,981	2,989	2,978	3,084	7,311	7,065	
2,439	2,530	2,551	2,715	2,408	5,981	5,992	
660	722	880	823	718	1,649	1,774	
20,496	20,760	23,561	24,704	20,666	51,346	51,873	
5,141	5,590	6,845	7,351	5,065	14,028	13,848	
7,488	7,466	7,487	7,601	7,301	17,713	17,350	
3,708	3,777	4,071	4,213	3,978	8,952	9,557	
4,159	3,926	5,157	5,539	4,322	10,653	11,118	
117,714	121,055	114,315	110,739	112,969	270,325	263,545	
52,490	56,180	51,468	45,602	47,867	120,482	111,707	
28,309	29,460	27,894	30,301	27,984	67,614	67,764	
2,807	2,885	2,772	3,016	3,045	6,616	7,107	
34,109	32,529	32,182	31,821	34,074	75,613	76,967	
47,067	45,542	49,382	52,852	48,857	112,618	116,747	
13,631	13,493	13,779	15,491	14,054	33,381	34,164	
13,733	13,850	16,317	16,574	14,482	33,522	35,237	
19,703	18,199	19,285	20,788	20,321	45,715	47,345	
157,995	167,434	157,728	163,677	167,531	362,939	387,483	
132,055	140,640	130,224	137,747	139,847	303,842	324,687	
14,035	15,929	14,738	14,022	14,675	32,664	33,936	
11,905	10,866	12,766	11,908	13,009	26,433	28,860	
33,703	34,360	36,425	32,293	32,580	81,621	76,845	
24,408	25,671	26,824	22,852	23,008	60,441	54,946	
4,054	3,700	4,459	4,196	4,059	9,415	9,469	
3,755	3,498	3,371	3,434	3,913	8,147	8,566	
1,485	1,492	1,770	1,812	1,600	3,618	3,864	
464,219	483,215	481,788	475,568	480,202	1,078,605	1,118,298	

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

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

(RM Juta/Million)

2025												
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
28,269	30,064	29,497	31,595	31,219	31,145	30,687	27,152	26,948	29,263	31,043	31,083	30,799
26,797	28,526	28,030	29,916	29,612	29,543	29,053	25,539	25,147	27,605	29,456	29,598	29,184
1,164	1,234	1,193	1,319	1,263	1,266	1,216	1,199	1,319	1,263	1,185	1,175	1,302
308	304	274	360	343	336	417	414	482	394	402	310	312
2,132	2,098	2,004	2,098	2,168	2,154	2,232	2,112	2,172	2,112	2,112	1,985	2,106
1,030	1,032	920	964	1,004	1,020	1,041	983	954	1,006	1,059	1,018	1,003
886	822	823	851	859	841	908	861	946	858	810	740	869
217	244	261	282	305	292	283	268	272	249	243	226	234
6,456	6,985	7,319	7,618	8,002	7,941	8,215	7,979	8,510	7,630	6,858	6,178	6,503
1,478	1,976	2,137	2,318	2,272	2,255	2,458	2,306	2,587	2,110	1,600	1,355	1,432
2,513	2,508	2,445	2,428	2,551	2,509	2,530	2,510	2,561	2,590	2,386	2,325	2,449
1,296	1,234	1,247	1,228	1,440	1,403	1,410	1,412	1,391	1,365	1,295	1,319	1,365
1,168	1,267	1,490	1,644	1,740	1,774	1,818	1,750	1,971	1,565	1,578	1,180	1,257
41,362	40,616	39,077	39,534	38,797	35,984	38,534	34,590	37,616	38,584	35,943	38,443	39,837
19,483	18,780	17,917	18,536	17,782	15,150	16,807	14,180	14,614	15,643	14,413	17,810	18,239
9,711	10,241	9,509	8,991	9,335	9,569	10,428	9,726	10,147	9,756	9,210	9,017	9,479
962	954	970	949	912	911	935	1,010	1,070	1,038	930	1,077	1,047
11,206	10,642	10,681	11,059	10,769	10,353	10,364	9,673	11,784	12,146	11,389	10,539	11,072
14,482	15,169	15,891	15,842	16,432	17,108	17,441	17,163	18,248	17,749	15,751	15,357	15,038
4,582	4,523	4,388	4,273	4,663	4,843	5,194	4,969	5,328	5,018	4,588	4,448	4,618
3,899	4,513	5,438	5,426	5,513	5,379	5,237	5,474	5,862	5,534	4,656	4,292	4,182
6,000	6,133	6,066	6,143	6,256	6,886	7,010	6,720	7,058	7,197	6,507	6,616	6,237
52,637	57,137	57,661	52,772	52,938	52,019	49,687	53,688	60,302	53,971	55,563	57,997	56,274
44,057	48,073	48,509	43,722	43,716	42,785	40,637	45,199	51,911	44,744	46,359	48,744	47,092
5,070	5,397	5,462	5,165	4,823	4,751	4,893	4,524	4,605	4,785	4,937	4,953	5,239
3,509	3,667	3,689	3,885	4,398	4,483	4,157	3,965	3,786	4,443	4,267	4,299	3,943
11,723	11,823	10,814	11,970	12,416	12,039	11,299	10,450	10,545	11,106	11,317	10,157	11,972
8,944	9,015	7,712	8,825	9,126	8,874	8,140	7,476	7,236	7,682	8,181	7,145	9,087
1,209	1,202	1,289	1,465	1,537	1,457	1,391	1,309	1,496	1,466	1,317	1,276	1,215
1,144	1,134	1,220	1,096	1,143	1,132	1,195	1,107	1,132	1,295	1,347	1,271	1,218
426	473	593	584	610	576	574	557	681	663	471	466	452
157,060	163,893	162,262	161,428	161,971	158,389	158,095	153,133	164,340	160,415	158,588	161,199	162,529

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

Subsektor Sub-sector	2023	2024	2024				2025		2024	2025	
			Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-3.3	9.3	3.4	8.2	12.3	12.7	12.2	12.9	7.3	12.0	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-3.8	9.3	3.2	8.1	12.5	12.8	12.5	13.3	7.2	12.3	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.7	9.0	6.1	8.2	9.4	12.0	9.8	7.0	7.4	8.9	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	17.6	8.4	9.3	11.8	9.6	2.8	0.5	-0.7	11.4	0.1	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.2	5.4	6.4	6.4	6.7	2.4	-0.4	-0.9	6.8	-0.7	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.1	7.4	7.6	10.4	7.6	4.1	-4.5	-2.5	9.3	-3.4	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	3.1	4.9	2.8	5.8	-1.0	2.2	-1.3	4.6	0.2	
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	8.7	4.3	7.6	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.4	3.6	3.3	4.7	4.5	2.0	1.3	0.8	4.5	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>	-5.0	1.5	-1.3	3.3	4.4	1.0	-0.8	-1.5	1.4	-1.3	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	5.7	0.9	2.0	1.5	1.1	-1.0	-1.4	-2.5	2.4	-2.0	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.0	6.7	3.6	7.4	9.3	7.0	6.7	7.3	6.5	6.8	
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.2	8.4	12.6	10.5	7.0	3.9	4.0	3.9	10.9	4.4	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-6.0	-1.0	-4.8	-0.4	1.3	-0.1	-0.5	-4.0	-1.3	-2.5	
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	-8.8	-7.9	-7.3	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	0.7	2.6	-0.1	5.7	4.6	0.4	2.4	-1.1	3.2	0.2	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	5.2	5.6	5.4	6.8	6.3	4.1	5.9	8.5	6.4	7.4	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-5.0	6.6	4.9	5.9	7.7	7.7	5.0	-0.1	5.8	1.8	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	6.8	7.6	8.3	11.0	8.0	3.4	3.5	3.8	9.8	3.7	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	7.1	6.2	7.5	8.0	7.2	2.4	2.1	3.1	8.1	2.3	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4.1	5.9	4.0	10.6	7.8	2.6	4.3	5.5	7.8	5.1	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	8.8	9.9	12.7	13.5	8.8	4.9	3.9	3.1	12.5	3.6	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	3.0	6.1	2.2	7.3	8.1	6.8	7.5	6.0	5.2	6.8	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.4	6.9	2.4	8.7	9.3	7.4	7.8	5.9	6.0	6.9	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3.2	0.7	-0.2	-0.9	1.8	1.8	3.4	4.6	0.05	3.9	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-1.9	3.8	1.9	3.2	3.0	6.6	8.1	9.3	3.0	9.2	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	10.9	2.9	8.2	8.4	3.1	-6.4	-10.8	-3.3	8.0	-5.9	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	13.5	2.7	9.9	9.9	3.1	-9.1	-15.6	-5.7	9.3	-9.1	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.3	2.0	1.9	2.7	1.8	1.6	1.0	0.1	2.4	0.6	
32 Pembuatan lain <i>Other manufacturing</i>	5.1	4.2	5.0	5.6	4.2	1.9	5.7	4.2	5.8	5.1	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	7.3	4.7	4.7	7.1	4.1	3.3	6.2	7.7	5.7	6.8	
Pembuatan Manufacturing	Jumlah Total	0.2	4.6	1.8	5.7	6.5	4.4	4.0	3.4	4.5	3.7

(%)

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

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

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

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

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	Q2	(Jan. - Jul.)	(Jan. - Jul.)
332,754	338,126	338,698	339,607	339,921	335,027	341,729
314,166	319,899	320,181	320,662	320,720	316,507	322,564
17,336	16,952	17,239	17,602	17,930	17,274	17,903
1,251	1,274	1,278	1,343	1,271	1,245	1,262
86,589	86,253	85,907	87,316	86,830	86,065	86,604
28,640	28,798	28,598	28,374	28,706	28,547	28,668
45,090	44,314	44,142	45,803	45,124	44,693	44,905
12,859	13,141	13,167	13,139	13,000	12,825	13,031
303,328	304,911	309,580	305,257	305,863	302,367	305,385
93,920	93,758	94,657	92,488	94,101	93,974	94,372
58,041	58,867	59,633	60,020	58,085	57,797	58,119
68,032	69,023	71,820	68,785	68,940	68,063	68,713
83,335	83,263	83,470	83,964	84,736	82,533	84,181
428,010	433,125	434,208	431,888	426,257	431,584	430,278
18,324	18,286	18,556	19,016	18,692	18,405	18,843
104,631	102,858	104,422	106,094	104,445	103,731	104,035
28,060	29,377	28,795	27,877	28,717	28,554	29,225
276,996	282,604	282,435	278,900	274,402	280,894	278,175
385,434	391,483	391,740	392,616	390,529	386,640	392,173
107,467	109,851	109,391	108,681	109,267	108,192	109,270
112,183	113,100	113,171	113,697	112,664	112,176	113,333
165,784	168,532	169,179	170,239	168,598	166,273	169,570
616,932	619,540	621,015	614,923	623,460	608,374	617,067
418,676	420,852	422,727	415,671	424,063	408,852	416,438
102,041	102,940	102,993	103,133	102,132	103,128	103,042
96,215	95,747	95,294	96,119	97,264	96,394	97,587
216,548	217,667	217,716	216,884	219,284	219,396	222,770
87,225	87,758	87,794	84,892	88,551	88,128	89,685
44,594	44,931	44,978	44,942	44,840	45,332	45,570
40,972	41,277	41,005	41,950	41,193	41,704	42,037
43,757	43,700	43,938	45,100	44,700	44,231	45,478
2,369,595	2,391,104	2,398,863	2,388,492	2,392,143	2,369,452	2,396,005

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

Subsektor Sub-sector	2024						
	Jan.	Feb.	Mac.	Apr.	Mei.	Jun	
1. Makanan, minuman dan tembakau Food, beverages and tobacco	334,249	333,253	332,701	334,073	334,617	332,754	
10 Pembuatan produk makanan Manufacture of food products	315,935	314,888	314,241	315,542	316,083	314,166	
11 Pembuatan minuman Manufacture of beverages	17,041	17,045	17,129	17,275	17,289	17,336	
12 Pembuatan produk tembakau Manufacture of tobacco products	1,272	1,320	1,331	1,256	1,245	1,251	
2. Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	86,619	86,300	86,686	86,617	87,340	86,589	
13 Pembuatan tekstil Manufacture of textiles	28,464	27,993	28,324	28,453	28,899	28,640	
14 Pembuatan pakaian Manufacture of wearing apparel	45,202	45,287	45,474	45,314	45,504	45,090	
15 Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	12,953	13,021	12,889	12,850	12,936	12,859	
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	303,328	
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	93,920	
17 Pembuatan kertas dan produk kertas Manufacture of paper and paper products	59,457	59,910	59,848	59,082	58,102	58,041	
18 Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	68,570	68,558	68,381	67,899	68,016	68,032	
31 Pembuatan perabot Manufacture of furniture	82,638	83,028	83,395	85,027	84,819	83,335	
4. Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	430,409	430,174	430,792	432,975	432,442	428,010	
19 Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	18,245	18,511	18,821	18,538	18,340	18,324	
20 Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	103,959	104,451	105,483	105,321	105,043	104,631	
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	28,060	
22 Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	280,900	279,909	279,154	280,594	280,946	276,996	
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	385,434	
23 Pembuatan produk galian bukan logam lain Manufacture of other non-metalic mineral products	107,161	105,855	105,786	106,568	107,172	107,467	
24 Pembuatan logam asas Manufacture of basic metals	113,533	112,816	113,159	112,910	112,702	112,183	
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	165,784	
6. Produk elektrik dan elektronik Electrical and electronic products	612,053	608,381	607,755	609,925	613,847	616,932	
26 Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	414,252	410,364	409,864	412,304	416,510	418,676	
27 Pembuatan kelengkapan elektrik Manufacture of electrical equipment	103,051	102,040	102,916	102,560	102,908	102,041	
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	96,215	
7. Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	218,037	217,138	215,332	218,043	217,662	216,548	
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	87,225	
30 Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	44,728	44,592	44,601	44,452	44,655	44,594	
32 Pembuatan lain Other manufacturing	40,834	40,981	41,328	41,017	41,131	40,972	
33 Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	44,459	44,254	44,429	44,148	44,174	43,757	
Pembuatan Manufacturing	Jumlah Total	2,372,913	2,365,000	2,363,344	2,372,596	2,377,714	2,369,595

2025												
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.
335,027	336,264	338,126	338,329	338,432	338,698	341,009	340,481	339,607	340,566	340,574	339,921	341,729
316,507	318,162	319,899	319,968	320,123	320,181	322,254	321,643	320,662	321,606	321,533	320,720	322,564
17,274	16,922	16,952	17,086	17,043	17,239	17,468	17,505	17,602	17,684	17,778	17,930	17,903
1,245	1,179	1,274	1,275	1,265	1,278	1,287	1,333	1,343	1,276	1,262	1,271	1,262
86,065	85,317	86,253	85,480	85,726	85,907	87,311	87,082	87,316	87,332	87,812	86,830	86,604
28,547	28,734	28,798	28,660	28,619	28,598	28,663	28,133	28,374	28,667	29,115	28,706	28,668
44,693	43,718	44,314	43,599	43,860	44,142	45,487	45,657	45,803	45,551	45,609	45,124	44,905
12,825	12,865	13,141	13,221	13,247	13,167	13,161	13,293	13,139	13,114	13,088	13,000	13,031
302,367	304,013	304,911	309,032	310,117	309,580	305,979	307,406	305,257	307,402	307,595	305,863	305,385
93,974	93,279	93,758	94,318	95,447	94,657	93,720	93,923	92,488	93,816	94,771	94,101	94,372
57,797	58,093	58,867	59,728	59,564	59,633	59,654	60,260	60,020	59,355	58,296	58,085	58,119
68,063	69,364	69,023	70,855	71,857	71,820	68,958	69,056	68,785	68,776	69,074	68,940	68,713
82,533	83,277	83,263	84,130	83,248	83,470	83,647	84,166	83,964	85,455	85,455	84,736	84,181
431,584	433,640	433,125	434,916	435,661	434,208	432,598	432,411	431,888	433,807	431,143	426,257	430,278
18,405	18,459	18,286	18,537	18,614	18,556	18,603	18,857	19,016	18,861	18,622	18,692	18,843
103,731	104,234	102,858	103,939	104,307	104,422	104,500	105,439	106,094	105,746	105,020	104,445	104,035
28,554	29,409	29,377	29,526	28,793	28,795	28,111	27,956	27,877	29,168	28,803	28,717	29,225
280,894	281,538	282,604	282,913	283,946	282,435	281,384	280,159	278,900	280,032	278,698	274,402	278,175
386,640	390,348	391,483	390,751	389,323	391,740	393,449	391,636	392,616	393,463	391,905	390,529	392,173
108,192	109,211	109,851	109,884	109,826	109,391	109,561	108,462	108,681	109,658	109,257	109,267	109,270
112,176	111,893	113,100	113,072	112,928	113,171	114,143	113,743	113,697	113,687	112,937	112,664	113,333
166,273	169,244	168,532	167,795	166,569	169,179	169,745	169,431	170,239	170,118	169,711	168,598	169,570
608,374	610,008	619,540	623,069	624,674	621,015	615,864	615,496	614,923	618,018	620,342	623,460	617,067
408,852	409,999	420,852	422,801	425,277	422,727	416,559	414,718	415,671	418,477	422,168	424,063	416,438
103,128	103,844	102,940	104,362	103,182	102,993	103,595	103,565	103,133	103,198	102,954	102,132	103,042
96,394	96,165	95,747	95,906	96,215	95,294	95,709	97,213	96,119	96,343	95,220	97,264	97,587
219,396	218,474	217,667	218,496	217,907	217,716	218,774	219,152	216,884	219,848	219,077	219,284	222,770
88,128	88,197	87,758	88,590	87,996	87,794	87,663	87,497	84,892	88,571	87,558	88,551	89,685
45,332	44,388	44,931	44,421	44,701	44,978	45,277	45,029	44,942	44,766	45,044	44,840	45,570
41,704	41,324	41,277	41,483	41,513	41,005	41,062	41,623	41,950	41,590	41,267	41,193	42,037
44,231	44,565	43,700	44,001	43,697	43,938	44,773	45,003	45,100	44,922	45,208	44,700	45,478
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	2,398,447	2,392,143	2,396,005

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

Subsektor Sub-sector	2023	2024	2024				2025		2024	2025	
			Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	5.9	2.3	4.4	4.0	2.4	2.3	2.1	2.2	4.0	2.0	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	6.1	2.3	4.6	4.1	2.5	2.3	2.0	2.1	4.2	1.9	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.6	2.6	2.1	2.8	2.1	2.6	2.8	3.4	1.9	3.6	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	1.6	1.5	1.4	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.3	-0.1	1.9	1.6	1.8	-0.1	0.7	0.3	2.0	0.6	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	1.5	1.0	0.7	0.9	0.7	1.0	0.2	0.2	1.4	0.4	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	2.7	-1.4	3.4	2.3	2.5	-1.4	0.7	0.1	2.7	0.5	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	2.5	2.2	-0.9	0.3	1.8	2.2	1.9	1.1	1.0	1.6	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.2	0.9	0.6	1.2	0.9	0.9	0.5	0.8	1.2	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	0.4	-1.0	1.4	0.5	0.4	0.5	0.2	1.6	0.4	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	0.6	0.9	0.7	0.5	0.6	0.3	0.1	1.2	0.6	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	1.7	0.8	-2.8	-1.3	0.1	0.8	0.6	1.3	-1.2	1.0	
31 Pembuatan perabot <i>Manufacture of furniture</i>	6.1	1.8	5.1	3.4	2.3	1.8	0.7	1.7	2.8	2.0	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	0.1	0.6	-0.8	0.4	0.4	0.6	0.3	-0.4	0.5	-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	2.0	1.1	2.4	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	-1.3	0.8	-1.9	0.3	0.4	0.8	0.6	-0.2	0.7	0.3	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	2.3	3.0	1.6	0.5	0.3	3.0	2.0	2.3	0.4	2.4	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	0.1	0.3	-0.7	0.4	0.4	0.3	-0.1	-0.9	0.4	-1.0	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.3	1.3	1.7	2.3	1.8	1.3	1.6	1.3	2.3	1.4	
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	1.7	0.4	1.0	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.6	0.9	0.5	0.9	1.1	0.9	0.5	0.4	1.0	1.0	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	3.9	2.3	3.5	4.8	3.3	2.3	1.6	1.7	4.5	2.0	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-0.1	0.9	-1.3	-0.9	-0.6	0.9	1.2	1.1	-0.3	1.4	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	0.8	0.8	-1.0	-0.7	-0.6	0.8	1.4	1.3	-0.6	1.9	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-1.1	0.6	-1.6	-0.5	-1.4	0.6	0.2	0.1	0.2	-0.1	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-2.4	1.4	-2.2	-2.3	0.2	1.4	1.2	1.1	0.4	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	1.3	0.9	1.5	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	0.9	0.2	-2.4	0.2	0.2	0.2	-0.1	1.5	0.3	1.8	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.0	1.5	0.8	1.9	2.0	1.5	0.8	0.6	2.1	0.5	
32 Pembuatan lain <i>Other manufacturing</i>	0.5	0.1	1.0	1.2	0.2	0.1	1.5	0.5	1.5	0.8	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	3.6	0.2	1.9	0.4	0.2	0.2	1.5	2.2	0.2	2.8	
Pembuatan Manufacturing	Jumlah Total	1.7	1.0	0.5	1.0	0.8	1.0	1.1	1.0	1.3	1.1

(%)

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

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

Subsektor Sub-sector	2024				2025		2024		
	Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	0.5	0.02	1.6	0.2	0.3	0.1	1.0	-0.3	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	0.4	-0.02	1.8	0.1	0.2	0.02	1.0	-0.3	
11 Pembuatan minuman <i>Manufacture of beverages</i>	1.9	1.2	-2.2	1.7	2.1	1.9	1.4	0.02	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	5.7	-6.0	1.8	0.3	5.1	-5.4	1.0	3.7	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	0.8	-0.1	-0.4	-0.4	1.6	-0.6	0.8	-0.4	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	0.1	1.1	0.5	-0.7	-0.8	1.2	0.6	-1.7	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	1.5	-0.8	-1.7	-0.4	3.8	-1.5	0.9	0.2	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	0.1	-0.2	2.2	0.2	-0.2	-1.1	0.6	0.5	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-1.0	-0.1	0.5	1.5	-1.4	0.2	-0.9	0.2	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	-2.4	2.1	-0.2	1.0	-2.3	1.7	-0.8	-0.3	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	-3.0	1.4	1.3	0.6	-3.2	0.3	0.8	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	-4.1	-0.5	1.5	4.1	-4.2	0.2	-3.8	-0.02	
31 Pembuatan perabot <i>Manufacture of furniture</i>	1.7	-0.1	-0.1	0.2	0.6	0.9	0.8	0.5	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-0.2	-0.6	1.2	0.3	-0.5	-1.3	-0.3	-0.1	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	1.9	-2.6	-0.2	1.5	2.5	-1.7	-1.2	1.5	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.9	-0.8	-1.7	1.5	1.6	-1.6	0.4	0.5	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	-2.3	2.7	4.7	-2.0	-3.2	3.0	-2.4	-0.01	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-0.9	-0.8	2.0	-0.1	-1.3	-1.6	-0.2	-0.4	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	-0.1	-0.3	1.6	0.1	0.2	-0.5	0.2	-0.6	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	-3.2	1.6	2.2	-0.4	-0.6	0.5	-1.9	-1.2	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.9	-0.9	0.8	0.1	0.5	-0.9	1.2	-0.6	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	1.2	-1.0	1.7	0.4	0.6	-1.0	0.8	-0.2	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-1.3	1.5	0.4	0.2	-1.0	1.4	-0.6	-0.6	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-2.2	2.1	0.5	0.4	-1.7	2.0	-1.2	-0.9	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.5	-0.8	0.9	0.1	0.1	-1.0	0.6	-1.0	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	1.0	1.3	-0.5	-0.5	0.9	1.2	0.8	1.3	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-0.6	0.6	0.5	0.02	-0.4	1.1	0.6	-0.4	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-3.0	2.6	0.6	0.04	-3.3	4.31	0.5	-0.8	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	0.7	-0.02	0.8	0.1	-0.1	-0.2	1.0	-0.3	
32 Pembuatan lain <i>Other manufacturing</i>	0.9	-0.9	0.7	-0.7	2.3	-1.8	-0.3	0.4	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	1.3	-1.5	-0.1	0.5	2.6	-0.9	1.4	-0.5	
Pembuatan Manufacturing	Jumlah Total	-0.5	0.3	0.9	0.3	-0.4	0.2	-0.1	-0.3

(%)

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

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	2025	
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
1. Makanan, minuman dan tembakau		11,901	12,323	3,042	3,019	3,066	3,197	3,145	3,109	7,077	7,304	
Food, beverages and tobacco												
10	Pembuatan produk makanan Manufacture of food products	11,261	11,643	2,874	2,855	2,901	3,013	2,964	2,935	6,691	6,890	
11	Pembuatan minuman Manufacture of beverages	573	615	151	149	149	166	164	159	348	376	
12	Pembuatan produk tembakau Manufacture of tobacco products	66	66	17	15	16	18	17	16	38	39	
2. Tekstil, pakaian, kulit dan kasut		2,013	2,047	515	506	501	525	525	514	1,187	1,207	
Textiles, wearing apparel, leather and footwear												
13	Pembuatan tekstil Manufacture of textiles	706	720	176	180	181	183	179	182	416	422	
14	Pembuatan pakaian Manufacture of wearing apparel	964	974	251	240	233	250	253	241	569	573	
15	Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	343	354	88	86	87	93	92	91	202	212	
3. Produk kayu, perabot, keluaran kertas dan percetakan		9,927	10,169	2,565	2,514	2,508	2,582	2,606	2,561	5,916	6,022	
Wood products, furniture, paper products and printing												
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	2,710	2,795	694	689	701	711	713	704	1,618	1,657	
17	Pembuatan kertas dan produk kertas Manufacture of paper and paper products	2,148	2,162	554	526	529	553	556	532	1,254	1,265	
18	Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	2,382	2,497	623	636	613	626	638	653	1,468	1,505	
31	Pembuatan perabot Manufacture of furniture	2,687	2,716	694	664	665	693	700	672	1,575	1,595	
4. Petroleum, kimia, getah dan plastik		21,375	21,485	5,345	5,261	5,369	5,510	5,426	5,275	12,377	12,478	
Petroleum, chemical, rubber and plastic												
19	Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	2,502	2,526	682	571	597	675	692	579	1,447	1,467	
20	Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	5,931	5,843	1,501	1,412	1,440	1,490	1,522	1,410	3,388	3,401	
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani Manufacture of basic pharmaceutical products and pharmaceutical preparations	804	811	191	198	204	218	193	204	456	465	
22	Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	12,139	12,305	2,971	3,080	3,127	3,127	3,019	3,083	7,087	7,145	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka		14,916	15,604	3,947	3,873	3,835	3,949	4,058	3,982	9,091	9,343	
Non-metallic mineral products, basic metal and fabricated metal products												
23	Pembuatan produk galian bukan logam lain Manufacture of other non-metalic mineral products	4,721	4,881	1,201	1,211	1,212	1,256	1,233	1,244	2,816	2,885	
24	Pembuatan logam asas Manufacture of basic metals	4,262	4,381	1,144	1,089	1,054	1,094	1,157	1,109	2,583	2,626	
25	Pembuatan produk logam, kecuali mesin dan kelengkapan Manufacture of fabricated metal products, except machinery and equipment	5,933	6,342	1,602	1,572	1,569	1,600	1,668	1,629	3,692	3,833	
6. Produk elektrik dan elektronik		30,130	29,950	7,520	7,395	7,298	7,737	7,570	7,529	17,348	17,606	
Electrical and electronic products												
26	Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	21,732	21,586	5,415	5,367	5,214	5,590	5,440	5,459	12,522	12,695	
27	Pembuatan kelengkapan elektrik Manufacture of electrical equipment	3,948	3,946	975	975	1,007	990	985	997	2,289	2,326	
28	Pembuatan jentera dan peralatan t.t.t.l. Manufacture of machinery and equipment n.e.c.	4,451	4,418	1,130	1,053	1,077	1,158	1,146	1,073	2,538	2,585	
7. Kelengkapan pengangkutan dan pembuatan lain		7,528	7,689	1,889	1,932	1,897	1,971	1,937	1,981	4,451	4,570	
Transport equipment and other manufactures												
29	Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	3,625	3,683	891	932	915	946	898	947	2,125	2,158	
30	Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	1,171	1,232	307	309	302	313	324	321	718	750	
32	Pembuatan lain Other manufacturing	1,325	1,354	329	333	338	354	350	349	774	818	
33	Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	1,407	1,420	362	359	342	357	365	363	835	844	
Pembuatan Manufacturing		Jumlah Total	97,789	99,268	24,823	24,500	24,474	25,470	25,268	24,951	57,447	58,531

(RM Juta/Million)																		
2024												2025						
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
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	1,031	1,040	1,050
989	947	938	950	956	949	962	960	979	977	980	1,055	1,013	982	968	979	974	982	991
51	50	50	51	49	49	49	49	51	52	55	59	56	54	55	54	52	53	53
6	6	6	5	5	5	5	5	5	6	5	7	6	6	6	5	5	5	5
177	168	170	170	171	166	166	165	170	169	174	183	179	173	173	173	173	168	169
60	57	59	59	61	60	60	60	61	60	61	62	61	58	59	60	62	60	61
87	82	82	82	81	77	78	76	79	78	82	89	86	83	84	83	81	77	78
30	29	29	29	29	29	28	29	30	30	31	32	31	31	30	31	30	30	29
859	857	850	837	845	832	836	834	837	845	851	885	871	872	863	853	860	848	854
234	231	230	231	231	227	235	232	234	235	236	240	239	238	236	238	236	231	240
184	186	183	176	174	175	174	175	179	183	181	188	185	187	184	178	177	177	177
204	210	209	209	214	213	210	206	197	200	207	219	209	216	213	214	220	219	214
237	229	228	221	226	217	217	220	227	227	227	239	238	232	230	223	228	222	223
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	1,747	1,750	1,777
216	216	250	188	185	198	194	195	208	219	212	244	219	219	253	192	187	199	196
493	497	510	490	456	467	475	486	479	482	484	523	498	507	518	495	457	458	468
66	62	63	68	65	65	67	69	68	70	68	79	67	62	63	69	67	67	69
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	1,035	1,026	1,044
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	1,332	1,312	1,303
406	393	402	403	405	403	403	402	407	412	417	427	415	404	414	416	416	412	408
391	377	376	371	363	355	350	348	357	350	352	392	394	384	379	378	368	363	359
540	532	530	520	530	522	518	524	527	524	520	555	563	555	550	544	547	537	536
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	2,511	2,554	2,507
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	1,819	1,854	1,797
330	323	321	303	334	337	339	336	331	328	317	344	334	327	324	315	338	344	344
386	380	365	356	349	347	355	356	366	375	375	408	389	386	370	363	354	356	366
627	633	629	646	649	638	631	633	634	641	642	689	641	651	644	662	661	657	653
298	302	290	309	313	310	303	307	305	308	304	334	299	305	293	314	314	319	313
100	101	107	103	105	102	102	99	102	104	104	106	107	107	111	107	109	106	105
108	109	111	111	112	110	112	113	113	114	115	125	115	117	118	117	117	115	119
120	121	121	123	120	116	114	114	114	115	119	124	120	122	122	124	121	117	116
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	8,315	8,330	8,312

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		2024	2025	
			Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	7.9	3.6	4.5	3.8	3.4	2.6	3.4	3.0	4.1	3.2	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	7.9	3.4	4.4	3.6	3.2	2.4	3.1	2.8	4.0	3.0	
11 Pembuatan minuman <i>Manufacture of beverages</i>	7.7	7.3	6.7	7.2	7.4	7.9	8.9	6.7	7.1	7.9	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4.8	-0.6	-3.5	-1.4	2.2	0.7	0.5	4.0	-1.8	2.3	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	5.4	1.7	2.4	2.0	1.7	0.8	1.9	1.6	2.2	1.7	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	5.0	1.9	2.3	2.4	1.6	1.5	1.8	1.2	2.4	1.5	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	1.0	2.8	1.6	0.9	-1.1	0.8	0.7	2.1	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	4.8	2.2	4.9	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.7	2.4	2.5	3.0	2.5	1.8	1.6	1.9	2.8	1.8	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	4.9	3.1	2.5	4.0	3.5	2.5	2.6	2.3	3.4	2.4	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2.3	0.6	1.1	0.4	0.5	0.5	0.4	1.2	0.8	0.8	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.3	4.8	4.9	5.9	5.0	3.5	2.4	2.7	5.6	2.5	
31 Pembuatan perabot <i>Manufacture of furniture</i>	5.1	1.1	1.7	1.4	0.7	0.6	0.9	1.2	1.3	1.3	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	1.9	0.5	-0.2	-0.5	0.8	1.9	1.5	0.3	-0.3	0.8	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	5.9	0.9	0.8	0.2	0.9	1.8	1.5	1.4	0.7	1.4	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.7	-1.5	-3.2	-3.1	-0.6	1.1	1.4	-0.2	-3.1	0.4	
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	2.8	0.9	2.1	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1.3	1.4	1.1	0.6	1.4	2.3	1.6	0.1	0.9	0.8	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.5	4.6	4.8	5.7	5.0	3.0	2.8	2.8	5.3	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	2.7	4.5	2.4	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	1.9	2.8	1.5	3.0	4.2	2.7	1.2	1.8	2.5	1.7	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	5.5	6.9	7.2	8.8	7.6	4.1	4.1	3.6	8.0	3.8	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	2.3	-0.6	-1.3	-1.2	-0.5	0.5	0.7	1.8	-0.9	1.5	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.1	-0.7	-0.9	-1.5	-0.6	0.3	0.5	1.7	-0.8	1.4	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.2	-0.04	-3.1	2.0	0.4	0.7	1.0	2.3	-0.3	1.6	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	0.6	-0.7	-1.5	-2.5	-0.7	1.6	1.4	1.9	-1.7	1.8	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	3.3	2.1	1.4	2.4	2.6	2.1	2.6	2.5	2.1	2.7	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	2.8	1.6	1.4	2.0	1.9	1.1	0.8	1.6	1.8	1.6	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.5	5.2	3.7	5.2	6.1	6.1	5.5	4.0	4.7	4.5	
32 Pembuatan lain <i>Other manufacturing</i>	1.9	2.2	0.1	2.8	3.1	2.8	6.4	5.0	1.8	5.7	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6.7	0.9	0.9	0.9	1.1	0.8	0.8	1.2	0.9	1.1	
Pembuatan	Jumlah Total	3.5	1.5	1.2	1.4	1.7	1.7	1.8	1.8	1.5	1.9

(%)

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

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

Subsektor Sub-sector	2024				2025		2024		
	Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	
1. Makanan, minuman dan tembakau	-2.3	-0.8	1.6	4.3	-1.6	-1.1	-4.0	-4.1	
Food, beverages and tobacco									
10 Pembuatan produk makanan	-2.4	-0.7	1.6	3.9	-1.6	-1.0	-3.8	-4.2	
Manufacture of food products									
11 Pembuatan minuman	-1.9	-1.4	0.4	11.1	-1.0	-3.3	-5.2	-2.8	
Manufacture of beverages									
12 Pembuatan produk tembakau	-4.4	-9.6	0.9	15.4	-4.6	-6.5	-18.2	1.8	
Manufacture of tobacco products									
2. Tekstil, pakaian, kulit dan kasut	-1.1	-1.9	-1.0	4.9	-0.1	-2.1	-2.1	-5.0	
Textiles, wearing apparel, leather and footwear									
13 Pembuatan tekstil	-2.5	2.2	0.5	1.3	-2.2	1.6	-1.0	-4.8	
Manufacture of textiles									
14 Pembuatan pakaian	-0.3	-4.8	-2.6	7.0	1.6	-4.8	-3.2	-6.5	
Manufacture of wearing apparel									
15 Pembuatan produk kulit dan barangan berkaitan	-0.6	-1.7	0.6	6.8	-0.4	-2.1	-1.3	-0.8	
Manufacture of leather and related products									
3. Produk kayu, perabot, keluaran kertas dan percetakan	1.1	-2.0	-0.3	2.9	1.0	-1.7	-1.4	-0.2	
Wood products, furniture, paper products and printing									
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	0.2	-0.8	1.8	1.3	0.3	-1.1	0.2	-1.1	
Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials									
17 Pembuatan kertas dan produk kertas	0.8	-5.1	0.7	4.4	0.6	-4.3	-1.7	1.0	
Manufacture of paper and paper products									
18 Percetakan dan penerbitan semula media rakaman	3.0	2.1	-3.6	2.1	2.0	2.4	-4.3	3.1	
Printing and reproduction of recorded media									
31 Pembuatan perabot	0.8	-4.3	0.1	4.2	1.0	-4.0	0.0	-3.1	
Manufacture of furniture									
4. Petroleum, kimia, getah dan plastik	-1.1	-1.6	2.1	2.6	-1.5	-2.8	-4.1	-1.2	
Petroleum, chemical, rubber and plastic									
19 Pembuatan kok dan produk petroleum bertapis	2.8	-16.4	4.7	13.0	2.5	-16.4	-10.1	0.2	
Manufacture of coke and refined petroleum products									
20 Pembuatan kimia dan produk kimia	1.9	-5.9	1.9	3.5	2.2	-7.4	-4.3	0.9	
Manufacture of chemicals and chemical products									
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	-11.2	3.8	3.2	6.5	-11.5	5.7	-15.1	-6.1	
Manufacture of basic pharmaceutical products and pharmaceutical preparations									
22 Pembuatan produk getah dan plastik	-2.8	3.7	1.5	-0.01	-3.46	2.12	-1.7	-2.2	
Manufacture of rubber and plastics products									
5. Produk mineral bukan logam, logam asas dan produk logam yang direka	2.9	-1.9	-1.0	3.0	2.8	-1.9	-0.3	-2.6	
Non-metallic mineral products, basic metal and fabricated metal products									
23 Pembuatan produk galian bukan logam lain	-2.6	0.8	0.1	3.6	-1.8	0.9	-3.6	-3.3	
Manufacture of other non-metalic mineral products									
24 Pembuatan logam asas	7.4	-4.8	-3.3	3.8	5.8	-4.2	2.8	-3.5	
Manufacture of basic metals									
25 Pembuatan produk logam, kecuali mesin dan kelengkapan	4.2	-1.9	-0.2	2.0	4.3	-2.4	0.2	-1.4	
Manufacture of fabricated metal products, except machinery and equipment									
6. Produk elektrik dan elektronik	-2.3	-1.7	-1.3	6.0	-2.2	-0.5	-7.6	-0.1	
Electrical and electronic products									
26 Pembuatan komputer, produk elektronik dan optikal	-2.8	-0.9	-2.8	7.2	-2.7	0.3	-9.2	0.6	
Manufacture of computer, electronics and optical products									
27 Pembuatan kelengkapan elektrik	-0.8	-0.01	3.3	-1.7	-0.5	1.2	-2.7	-2.1	
Manufacture of electrical equipment									
28 Pembuatan jentera dan peralatan t.t.t.l.	-0.8	-6.9	2.3	7.5	-1.0	-6.3	-3.5	-1.7	
Manufacture of machinery and equipment n.e.c.									
7. Kelengkapan pengangkutan dan pembuatan lain	-2.2	2.3	-1.8	3.9	-1.7	2.3	-7.4	0.9	
Transport equipment and other manufactures									
29 Pembuatan kenderaan bermotor, treler dan semi treler	-4.8	4.6	-1.8	3.4	-5.1	5.4	-10.0	1.1	
Manufacture of motor vehicles, trailers and semi-trailers									
30 Pembuatan kelengkapan pengangkutan lain	4.2	0.5	-2.1	3.5	3.6	-0.9	0.6	0.7	
Manufacture of other transport equipment									
32 Pembuatan lain	-4.7	1.2	1.6	4.9	-1.3	-0.1	-11.6	1.1	
Other manufacturing									
33 Pembaikan dan pemasangan jentera dan kelengkapan	2.1	-0.9	-4.7	4.5	2.1	-0.5	-2.8	0.6	
Repair and installation of machinery and equipment									
Pembuatan	Jumlah Total	-0.9	-1.3	-0.1	4.1	-0.8	-1.3	-4.5	-1.3

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

Jadual **1.4a** : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
Table : Sales Value of Manufacturing Sector by Group

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

2025			2024	2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
2,592	2,318	2,099	5,687	5,108	Processing and preserving of meat
1,515	1,576	1,603	3,488	3,716	Processing and preserving of fish, crustaceans and molluscs
1,406	1,456	1,477	3,242	3,431	Canning of fish, crustaceans and molluscs
109	121	126	245	285	Processing, curing and preserving of fish, crustacean and molluscs
662	651	657	1,526	1,532	Other industry
167	134	126	364	303	Processing and preserving of fruits and vegetable
496	517	532	1,162	1,229	Pineapple canning
54,312	44,816	49,431	98,426	111,145	Manufacture of jams, marmalades and table jellies
5,779	5,968	6,163	11,490	14,096	Other industry
473	459	447	892	1,087	Manufacture of vegetable and animal oils and fats
48,060	38,389	42,821	86,045	95,961	Manufacture of crude and refined vegetable oil
3,134	3,102	3,191	6,717	7,157	Manufacture of compound cooking fats
2,841	2,808	2,861	6,113	6,419	Manufacture of coconut oil
293	294	330	604	738	Other industry
3,204	3,267	3,500	7,042	7,919	Manufacture of dairy products
1,532	1,568	1,679	3,411	3,784	Manufacture of condensed, powdered and evaporated milk
1,589	1,614	1,735	3,423	3,939	Other industry
83	85	85	207	196	Manufacture of grain mill products, starches and starch products
18,915	19,259	20,013	39,958	45,880	Rice milling
1,257	1,121	1,169	2,603	2,699	Flour milling
4,019	4,320	4,509	8,279	10,357	Other industry
1,072	988	983	2,440	2,292	Manufacture of other food products
1,883	1,794	1,923	3,926	4,356	Manufacture of biscuits and cookies
1,682	1,669	1,536	2,900	3,661	Manufacture of bread, cakes and other bakery products
3,826	4,011	4,429	8,429	9,861	Manufacture of snack products
722	693	698	1,584	1,607	Manufacture of sugar
1,848	1,942	1,949	3,809	4,537	Manufacture of cocoa products
2,604	2,723	2,818	5,988	6,510	Manufacture of chocolate and chocolate products
4,737	4,750	6,165	11,293	13,126	Manufacture of sugar confectionery
3,849	3,734	3,623	7,950	8,659	Manufacture of sauces and condiments
2,238	2,127	2,059	4,463	4,941	Manufacture of other food products n.e.c.
391	414	413	810	963	Other industry
1,219	1,193	1,150	2,677	2,755	Manufacture of prepared animal feeds
1,039	1,313	1,107	2,728	2,732	Manufacture of beverages
1,384	1,432	1,553	3,572	3,471	Manufacture of soft drinks
999	1,050	1,120	2,597	2,522	Production of natural mineral waters and other bottled waters
377	372	423	957	927	Other industry
8	9	10	19	22	Manufacture of tobacco products
1,605	1,546	1,531	3,739	3,593	Spinning, weaving and finishing of textiles
576	608	622	1,423	1,437	Preparation and spinning of textile fibres
1,029	938	910	2,316	2,156	Weaving of textiles
2,417	2,572	2,288	5,660	5,688	Dyeing, bleaching, printing and finishing of yarns and fabrics
2,075	2,229	1,959	4,911	4,895	Other industry
342	343	329	749	793	Manufacture of wearing apparel, except fur apparel
134	143	120	320	304	Manufacture of clothings
672	615	498	1,143	1,279	Other industry
207	208	220	505	495	Manufacture of articles of fur, knitted and crocheted apparel
149	148	154	339	349	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
59	60	66	167	146	Manufacture of footwear
1,552	1,703	1,275	3,460	3,323	Manufacture of leather footwear
					Manufacture of rubber footwear
					Other industry
					Sawmilling and planning of wood

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

1.4a

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
847	870	902	820	882	721	715	694	729	676	692	Processing and preserving of meat
503	507	503	505	521	520	535	519	566	518	537	Processing and preserving of fish, crustaceans and molluscs
468	471	466	469	483	480	493	476	524	477	498	Canning of fish, crustaceans and molluscs
35	36	37	36	37	41	42	43	42	41	38	Processing, curing and preserving of fish, crustacean and molluscs
218	229	219	214	218	218	215	217	218	222	224	Processing and preserving of fruits and vegetable
55	58	57	52	47	44	42	44	40	42	44	Pineapple canning
163	171	162	162	171	174	172	173	179	180	181	Manufacture of jams, marmalades and table jellies
16,696	18,312	17,874	18,126	17,395	14,140	13,280	15,640	16,589	17,203	16,898	Manufacture of vegetable and animal oils and fats
1,908	1,928	1,854	1,997	2,116	1,839	2,013	2,027	2,097	2,040	1,965	Manufacture of crude and refined vegetable oil
145	150	165	159	155	155	149	130	158	159	182	Manufacture of compound cooking fats
14,643	16,234	15,856	15,970	15,124	12,147	11,118	13,483	14,334	15,004	14,751	Manufacture of coconut oil
999	1,003	1,096	1,036	1,027	1,006	1,068	1,058	1,058	1,075	864	Manufacture of dairy products
893	904	997	940	930	909	969	950	946	965	750	Manufacture of condensed, powdered and evaporated milk
106	99	98	95	98	98	99	108	112	110	114	Other industry
1,086	1,097	1,064	1,043	1,042	1,058	1,167	1,153	1,216	1,131	1,152	Manufacture of grain mill products, starches and starch products
539	529	501	502	491	507	570	563	593	523	537	Rice milling
520	541	535	512	522	523	569	560	595	580	589	Flour milling
27	27	28	28	29	27	29	30	28	28	26	Other industry
6,121	6,327	6,315	6,274	6,390	6,351	6,519	6,655	6,809	6,549	6,607	Manufacture of other food products
403	434	411	412	378	362	381	382	402	385	409	Manufacture of biscuits and cookies
1,327	1,320	1,331	1,368	1,454	1,435	1,430	1,503	1,499	1,508	1,528	Manufacture of bread, cakes and other bakery products
344	367	352	353	328	334	325	328	337	318	321	Manufacture of snack products
622	650	641	592	586	597	611	614	681	628	640	Manufacture of sugar
471	564	557	560	552	569	548	558	525	453	456	Manufacture of cocoa products
1,223	1,252	1,282	1,292	1,343	1,297	1,371	1,455	1,513	1,461	1,421	Manufacture of chocolate and chocolate products
236	239	246	237	226	224	243	243	246	208	216	Manufacture of sugar confectionery
626	621	628	599	648	638	656	647	667	636	646	Manufacture of sauces and condiments
869	879	866	859	874	895	954	926	939	953	970	Manufacture of other food products n.e.c.
1,560	1,572	1,640	1,525	1,579	1,524	1,648	1,669	2,271	2,225	2,211	Manufacture of prepared animal feeds
1,193	1,319	1,263	1,266	1,216	1,199	1,319	1,263	1,185	1,175	1,302	Manufacture of beverages
697	794	722	722	667	710	750	735	661	664	755	Manufacture of soft drinks
122	130	130	131	130	143	140	143	135	135	136	Production of natural mineral waters and other bottled waters
373	395	411	413	418	346	429	385	389	376	412	Other industry
274	360	343	336	417	414	482	394	402	310	312	Manufacture of tobacco products
412	447	462	475	518	471	443	497	546	509	487	Spinning, weaving and finishing of textiles
292	324	333	342	385	344	321	370	383	367	352	Preparation and spinning of textile fibres
118	119	127	131	130	123	119	123	160	139	132	Weaving of textiles
2	3	3	3	3	3	3	3	3	3	3	Dyeing, bleaching, printing and finishing of yarns and fabrics
508	518	542	545	523	512	511	509	513	509	516	Manufacture of other textiles
187	184	197	195	203	202	204	205	211	206	207	Manufacture of knitted and crocheted fabrics
321	334	345	350	320	311	307	304	302	303	309	Other industry
779	805	812	800	860	813	899	816	771	701	828	Manufacture of wearing apparel, except fur apparel
671	701	692	682	743	704	782	713	655	591	706	Manufacture of clothings
108	104	120	118	117	109	117	103	116	110	122	Other industry
44	46	47	41	47	48	47	42	39	39	41	Manufacture of articles of fur, knitted and crocheted apparel
198	218	234	221	214	198	203	174	169	155	166	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
63	65	71	71	69	70	69	75	74	71	67	Manufacture of footwear
44	46	52	51	50	50	48	52	51	51	47	Manufacture of leather footwear
19	19	20	20	19	20	21	23	22	20	20	Manufacture of rubber footwear
478	526	513	514	542	536	625	537	405	333	345	Sawmilling and planning of wood

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

1.4a

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
5,293	5,648	3,790	10,568	10,526	Manufacture of products of wood, cork, straw and plaiting materials
2,787	3,098	1,929	5,337	5,524	Manufacture of veneer sheets and plywood
1,511	1,493	1,045	2,990	2,860	Manufacture of particle board and fibreboard
580	625	409	1,182	1,174	Manufacture of builders' carpentry
414	431	408	1,058	968	Other industry
7,487	7,601	7,301	17,713	17,350	Manufacture of paper and paper products
1,477	1,526	1,497	3,486	3,546	Manufacture of pulp, paper and paperboard
2,479	2,376	2,315	5,759	5,490	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
98	95	92	206	219	Manufacture of envelopes and letter-card
1,488	1,647	1,488	3,868	3,570	Manufacture of household and personal hygiene paper
1,075	1,060	985	2,419	2,377	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
870	896	923	1,975	2,147	Other industry
4,071	4,213	3,978	8,952	9,557	Printing, service activities related to printing and reproduction of recorded media
3,393	3,553	3,382	7,310	8,102	Printing
678	661	596	1,642	1,455	Service activities related to printing
					Reproduction of recorded media
51,468	45,602	47,867	120,482	111,707	Manufacture of refined petroleum products
16,555	18,548	16,909	39,895	41,115	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
597	678	641	1,145	1,502	Manufacture of liquefied or compressed inorganic industrial or medical gases
8,665	9,857	8,603	20,566	21,365	Manufacture of basic organic chemicals
					Manufacture of inorganic compounds
					Manufacture of fertilizers
819	973	965	2,136	2,241	Manufacture of associated nitrogen products
5,108	5,338	4,584	12,899	11,486	Manufacture of plastics in primary forms
1,366	1,703	2,117	3,150	4,520	Other industry
11,339	11,753	11,075	27,719	26,649	Manufacture of other chemical products and man-made fibres
1,038	1,042	975	2,863	2,335	Manufacture of pesticides and other agrochemical products
3,706	3,839	3,378	9,524	8,324	Manufacture of paints, varnishes and similar coatings ink and mastics
277	291	297	717	697	Manufacture of printing ink
3,536	3,784	3,566	9,119	8,621	Manufacture of soap and detergents, cleaning and polishing preparations
					Manufacture of perfumes and toilet preparations
					Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
2,593	2,615	2,703	5,106	6,281	Manufacture of writing and drawing ink
					Manufacture of other chemical products n.e.c.
190	183	156	391	391	Other industry
2,772	3,016	3,045	6,616	7,107	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2,177	2,447	2,494	5,438	5,790	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
595	568	551	1,178	1,317	Other industry
15,738	16,631	17,782	38,275	40,235	Manufacture of rubber products
570	533	575	1,315	1,325	Manufacture of rubber tyres for vehicles
241	248	257	528	592	Manufacture of interchangeable tyre treads and retreading rubber tyres
					Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
1,793	1,552	1,580	3,859	3,721	Rubber remilling and latex processing
11,565	12,743	13,811	28,801	30,947	Manufacture of rubber gloves
1,569	1,557	1,559	3,773	3,649	Manufacture of other rubber products n.e.c.
16,444	15,189	16,292	37,337	36,732	Manufacture of plastics products
3,972	3,788	3,952	9,172	9,007	Manufacture of semi-manufactures of plastic products
					Manufacture of finished plastic products
5,661	5,161	5,860	13,234	12,965	Manufacture of plastic articles for the packing of goods
907	831	908	1,880	2,034	Manufacture of builders' plastics ware
1,886	1,729	1,860	4,375	4,223	Manufacture of plastic tableware, kitchenware and toilet articles
4,017	3,680	3,712	8,676	8,502	Manufacture of diverse plastic products n.e.c.
1,260	1,431	1,420	3,306	3,332	Manufacture of glass and glass products

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

1.4a

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
1,659	1,793	1,759	1,741	1,916	1,770	1,961	1,573	1,195	1,022	1,088	Manufacture of products of wood, cork, straw and plaiting materials
852	949	928	910	1,055	979	1,065	840	599	490	496	Manufacture of veneer sheets and plywood
491	511	505	495	512	452	529	413	337	294	322	Manufacture of particle board and fibreboard
175	194	191	195	211	198	216	163	130	116	140	Manufacture of builders' carpentry
141	138	135	141	139	141	151	157	128	123	130	Other industry
2,445	2,428	2,551	2,509	2,530	2,510	2,561	2,590	2,386	2,325	2,449	Manufacture of paper and paper products
474	467	509	501	514	529	484	498	494	505	523	Manufacture of pulp, paper and paperboard
825	807	852	820	789	787	800	820	748	747	799	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
32	33	33	32	33	30	32	34	28	30	33	Manufacture of envelopes and letter-card
502	490	507	490	537	531	580	567	497	425	434	Manufacture of household and personal hygiene paper
321	340	361	375	347	338	374	380	305	299	332	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
291	290	289	291	310	295	291	291	313	319	328	Other industry
1,247	1,228	1,440	1,403	1,410	1,412	1,391	1,365	1,295	1,319	1,365	Printing, service activities related to printing and reproduction of recorded media
1,054	1,034	1,192	1,167	1,185	1,185	1,183	1,166	1,093	1,123	1,167	Printing
193	195	247	236	225	228	208	199	201	196	198	Service activities related to printing
											Reproduction of recorded media
17,917	18,536	17,782	15,150	16,807	14,180	14,614	15,643	14,413	17,810	18,239	Manufacture of refined petroleum products
5,540	5,172	5,495	5,888	6,506	5,836	6,205	6,104	5,458	5,347	5,658	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
182	167	208	223	211	217	250	243	201	197	184	Manufacture of liquefied or compressed inorganic industrial or medical gases
											Manufacture of basic organic chemicals
2,883	2,589	2,899	3,177	3,647	2,980	3,230	3,269	2,779	2,555	2,906	Manufacture of inorganic compounds
											Manufacture of fertilizers
258	262	277	280	300	313	360	325	313	327	304	Manufacture of associated nitrogen products
1,768	1,702	1,657	1,749	1,834	1,755	1,749	1,574	1,452	1,558	1,564	Manufacture of plastics in primary forms
449	451	455	460	515	571	617	693	714	709	701	Other industry
3,969	3,819	3,840	3,681	3,922	3,890	3,941	3,652	3,752	3,670	3,821	Manufacture of other chemical products and man-made fibres
377	367	335	336	358	354	329	310	334	331	318	Manufacture of pesticides and other agrochemical products
1,280	1,262	1,304	1,140	1,239	1,288	1,312	1,144	1,137	1,097	1,108	Manufacture of paints, varnishes and similar coatings ink and mastics
91	92	94	92	95	94	103	99	99	98	109	Manufacture of printing ink
											Manufacture of soap and detergents, cleaning and polishing preparations
1,296	1,195	1,179	1,162	1,300	1,223	1,261	1,151	1,224	1,191	1,271	Manufacture of perfumes and toilet preparations
											Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
852	841	868	884	864	873	877	886	912	906	963	Manufacture of writing and drawing ink
											Manufacture of other chemical products n.e.c.
73	63	60	67	65	58	60	62	46	48	52	Other industry
970	949	912	911	935	1,010	1,070	1,038	930	1,077	1,047	Manufacture of pharmaceuticals, medicinal chemical and botanical products
769	740	726	710	756	822	869	847	760	886	849	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
201	208	186	201	179	188	201	190	170	190	197	Other industry
5,214	5,520	5,163	5,056	5,327	4,844	6,460	6,310	5,871	5,601	5,821	Manufacture of rubber products
183	204	187	179	189	169	174	190	186	199	217	Manufacture of rubber tyres for vehicles
81	82	80	79	82	81	84	81	86	89	87	Manufacture of interchangeable tyre treads and retreading rubber tyres
											Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
563	577	604	612	528	469	554	546	509	526	589	Rubber remilling and latex processing
3,828	4,123	3,773	3,669	3,979	3,639	5,125	4,974	4,572	4,265	4,394	Manufacture of rubber gloves
560	534	518	517	549	486	522	519	519	521	534	Manufacture of other rubber products n.e.c.
5,467	5,540	5,607	5,297	5,036	4,829	5,324	5,836	5,518	4,937	5,251	Manufacture of plastics products
											Manufacture of semi-manufactures of plastic products
1,279	1,330	1,356	1,286	1,265	1,195	1,328	1,347	1,352	1,254	1,267	Manufacture of finished plastic products
1,971	1,952	1,915	1,794	1,700	1,658	1,804	2,088	1,998	1,774	1,944	Manufacture of plastic articles for the packing of goods
300	304	320	283	270	263	298	314	309	285	295	Manufacture of builders' plastics ware
648	675	619	592	575	540	614	655	614	591	634	Manufacture of plastic tableware, kitchenware and toilet articles
1,269	1,278	1,397	1,343	1,226	1,174	1,280	1,433	1,246	1,033	1,111	Manufacture of diverse plastic products n.e.c.
387	388	425	447	456	474	501	498	470	452	481	Manufacture of glass and glass products

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

1.4a

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
12,519	14,060	12,635	30,075	30,832	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
681	730	642	1,442	1,594	Manufacture of non-refractory ceramic
231	212	205	555	486	Manufacture of other porcelain and ceramic products
3,061	3,469	2,919	7,555	7,306	Manufacture of hydraulic cement
2,250	2,578	2,221	5,508	5,531	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
4,666	5,355	4,921	11,068	11,888	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
					Manufacture of other articles of concrete, cement and plaster n.e.c.
1,228	1,282	1,325	3,047	3,079	Manufacture of other non-metallic mineral products n.e.c.
401	435	403	901	948	Other industry
9,017	8,945	7,980	18,570	19,324	Manufacture of basic iron and steel
7,116	7,445	6,314	14,524	15,482	Manufacture of basic precious and other non-ferrous metals
184	184	188	428	431	Casting of metals
8,072	8,915	8,587	20,408	19,999	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
5,944	6,540	6,300	14,428	14,606	Manufacture of metal doors, windows and their frames, shutters and gates
1,969	2,214	2,131	5,566	5,027	Manufacture of other structural metal products
159	161	155	414	365	Manufacture of tanks, reservoirs and containers of metal
					Other industry
11,214	11,873	11,734	25,307	27,347	Manufacture of other fabricated metal products; metal working service activities
1,456	1,437	1,469	3,247	3,410	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1,670	1,926	1,923	3,415	4,394	Treatment and coating of metals; machining
1,692	1,765	1,732	4,066	4,074	Manufacture of tins and cans for food products, collapsible tubes and boxes
					Manufacture of metal cable, plaited bands and similar articles
3,368	3,696	3,711	8,005	8,649	Manufacture of bolts, screws, nuts and similar threaded products
81	81	82	188	190	Manufacture of metal household articles
2,527	2,557	2,391	5,509	5,666	Manufacture of any other fabricated metal products n.e.c.
420	410	427	877	964	Other industry
90,219	97,267	93,882	208,116	222,616	Manufacture of electronic components and boards
51,233	55,090	53,123	118,708	126,740	Manufacture of diodes, transistors and similar semiconductor devices
					Manufacture of electronic integrated circuits micro assemblies
					Manufacture of electrical capacitors and resistors
32,338	36,145	35,698	77,486	83,242	Manufacture of printed circuit boards
					Manufacture of display components
6,648	6,032	5,061	11,922	12,634	Manufacture of other components for electronic applications
14,252	16,994	20,790	40,516	44,267	Manufacture of computers and peripheral equipment
6,288	5,653	5,888	14,148	13,531	Manufacture of communication equipment
10,276	9,204	11,404	23,900	24,990	Manufacture of consumer electronics
6,791	6,123	5,596	12,058	13,731	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
6,229	5,564	5,040	10,967	12,411	Manufacture of measuring, testing, navigating and control equipment
					Manufacture of industrial process control equipment
562	559	556	1,091	1,320	Manufacture of watches and clocks and parts
1,491	1,619	1,382	3,331	3,443	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

1.4a

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
4,001	3,884	4,238	4,396	4,737	4,496	4,827	4,520	4,118	3,996	4,137	Manufacture of non-metallic mineral products n.e.c.
											Manufacture of refractory mortars and concretes
211	212	227	241	238	248	243	227	216	199	222	Manufacture of non-refractory ceramic
78	77	79	75	68	70	74	70	71	64	69	Manufacture of other porcelain and ceramic products
955	955	1,035	1,072	1,153	1,132	1,184	1,107	959	853	919	Manufacture of hydraulic cement
742	713	754	783	867	823	887	815	725	680	733	Manufacture of ready-mix and dry-mix concrete and mortars
											Manufacture of precast concrete, cement or artificial stone articles for use in construction
1,494	1,414	1,583	1,669	1,857	1,684	1,814	1,718	1,564	1,639	1,611	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.
395	385	426	418	419	400	463	436	441	447	472	Manufacture of other non-metallic mineral products n.e.c.
125	128	134	139	135	138	162	147	142	114	111	Other industry
3,049	3,090	3,043	2,885	2,824	2,951	3,170	2,989	2,558	2,433	2,399	Manufacture of basic iron and steel
2,323	2,272	2,409	2,435	2,352	2,465	2,627	2,477	2,038	1,799	1,724	Manufacture of basic precious and other non-ferrous metals
66	64	61	59	61	58	65	68	60	60	60	Casting of metals
2,536	2,503	2,624	2,945	3,031	2,915	2,969	3,018	2,763	2,805	2,497	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
											Manufacture of metal doors, windows and their frames, shutters and gates
1,881	1,823	1,913	2,208	2,236	2,134	2,170	2,223	2,023	2,054	1,766	Manufacture of other structural metal products
603	628	657	684	742	727	745	741	686	704	682	Manufacture of tanks, reservoirs and containers of metal
52	52	53	54	53	54	54	54	54	47	49	Other industry
3,529	3,641	3,632	3,941	3,979	3,805	4,088	4,179	3,744	3,811	3,740	Manufacture of other fabricated metal products; metal working service activities
											Forging, pressing, stamping and roll-forming of metal; powder metallurgy
461	487	481	488	484	466	488	506	476	486	504	Treatment and coating of metals; machining
523	541	542	587	619	627	680	680	573	671	544	Manufacture of tins and cans for food products, collapsible tubes and boxes
531	552	531	609	600	553	613	608	578	545	578	Manufacture of metal cable, plaited bands and similar articles
1,047	1,077	1,097	1,194	1,244	1,203	1,249	1,277	1,199	1,234	1,242	Manufacture of bolts, screws, nuts and similar threaded products
26	26	27	27	27	27	27	28	28	26	27	Manufacture of metal household articles
807	821	808	898	877	796	884	932	753	706	718	Manufacture of any other fabricated metal products n.e.c.
134	137	146	138	129	133	148	148	136	143	127	Other industry
35,383	30,095	30,662	29,461	27,695	31,948	37,625	29,746	31,083	33,054	31,467	Manufacture of electronic components and boards
											Manufacture of diodes, transistors and similar semiconductor devices
20,210	17,208	16,984	17,041	15,266	17,765	22,059	16,645	17,740	18,738	18,527	Manufacture of electronic integrated circuits micro assemblies
											Manufacture of electrical capacitors and resistors
12,711	10,580	11,534	10,224	10,458	12,105	13,582	11,481	11,608	12,609	11,399	Manufacture of printed circuit boards
											Manufacture of display components
2,462	2,308	2,144	2,196	1,970	2,077	1,985	1,620	1,735	1,706	1,541	Manufacture of other components for electronic applications
3,711	4,938	4,349	4,965	5,438	5,799	5,757	7,731	6,576	6,483	6,483	Manufacture of computers and peripheral equipment
2,475	1,982	2,188	2,118	1,866	1,804	1,983	1,685	2,010	2,193	1,991	Manufacture of communication equipment
3,954	3,668	3,415	3,193	2,627	2,921	3,655	3,120	3,982	4,303	4,382	Manufacture of consumer electronics
2,279	2,259	2,283	2,249	2,145	1,901	2,077	1,724	1,874	1,998	2,011	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
											Manufacture of measuring, testing, navigating and control equipment
2,107	2,080	2,088	2,061	1,938	1,716	1,910	1,544	1,687	1,810	1,807	Manufacture of industrial process control equipment
172	179	195	188	207	185	167	180	187	189	205	Manufacture of watches and clocks and parts
449	473	514	504	565	543	512	465	492	425	442	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

1.4a : Nilai Jualan Sektor Pembuatan Mengikut Kumpulan
: Sales Value of Manufacturing Sector by Group

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

					(RM Juta/million)
2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
907	887	904	1,774	2,107	Manufacture of optical instruments, photographic equipment, magnetic and optical media
5,162	4,455	4,835	10,733	11,011	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1,438	1,108	1,205	2,874	2,732	Manufacture of electric motors, generators and transformers
3,724	3,347	3,630	7,858	8,279	Manufacture of electricity distribution and control apparatus
1,802	2,054	2,277	3,910	5,118	Manufacture of batteries and accumulators
2,438	2,186	2,404	5,436	5,482	Manufacture of wiring and wiring devices
92	80	83	253	193	Manufacture of fibre optic cables
2,194	1,941	2,155	4,810	4,906	Manufacture of other electronic and electric wires and cables
152	165	166	373	384	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
614	550	546	1,102	1,316	Manufacture of electric lighting equipment
2,703	2,798	2,772	6,850	6,556	Manufacture of domestic appliances
2,019	1,979	1,842	4,634	4,453	Manufacture of other electrical equipment
12,766	11,908	13,009	26,433	28,860	Manufacture of general-purpose and special-purpose machinery
					Manufacture of fluid power equipment
762	603	640	1,377	1,441	Manufacture of other pumps, compressors, taps and valves
					Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
3,200	3,216	3,482	6,911	7,775	Manufacture of metal-forming machinery and machine tools
					Manufacture of air-conditioning machines, including for motor vehicles
2,720	2,582	2,793	5,806	6,063	Manufacture of other special-purpose machinery n.e.c.
2,055	1,660	1,931	4,111	4,196	Other industry
4,030	3,848	4,162	8,228	9,385	
13,093	10,700	10,183	30,463	24,713	Manufacture of motor vehicles
2,463	2,036	2,009	3,869	4,863	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
11,268	10,116	10,817	26,108	25,371	Manufacture of parts and accessories for motor vehicles
1,791	1,779	1,684	3,352	3,961	Building of ships and boats
2,669	2,417	2,375	6,063	5,508	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
749	798	818	1,790	1,891	Manufacture of motorcycles
623	543	536	1,317	1,210	Manufacture of bicycles and invalid carriages
1,297	1,076	1,020	2,957	2,407	Other industry
5,157	5,539	4,322	10,653	11,118	Manufacture of furniture
2,583	2,945	2,227	5,469	5,828	Manufacture of wooden and cane furniture
2,575	2,594	2,095	5,184	5,290	Other industry
1,689	1,667	1,847	3,810	4,099	Manufacture of jewellery, bijouterie and related articles
1,479	1,562	1,835	3,831	3,948	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
412	418	457	985	1,017	Manufacture of stationery
1,068	1,144	1,377	2,846	2,932	Other industry
52	63	67	149	150	Manufacture of sports goods
151	142	165	357	368	Manufacture of games and toys
1,770	1,812	1,600	3,618	3,864	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
750	772	685	1,424	1,653	Repair and maintenance of transport equipment except motorcycles and bicycles
1,020	1,040	915	2,194	2,211	Other industry
481,788	475,568	480,202	1,078,605	1,118,298	

Jadual
Table

1.4a

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

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
257	308	304	295	301	284	302	273	342	289	316	Manufacture of optical instruments, photographic equipment, magnetic and optical media
1,906	1,859	1,681	1,623	1,547	1,423	1,484	1,580	1,657	1,598	1,722	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
564	548	454	437	388	359	361	384	416	405	419	Manufacture of electric motors, generators and transformers
1,342	1,311	1,227	1,186	1,159	1,065	1,123	1,196	1,240	1,193	1,302	Manufacture of electricity distribution and control apparatus
770	629	605	568	728	670	657	727	792	759	787	Manufacture of batteries and accumulators
846	850	813	775	781	703	702	758	831	815	892	Manufacture of wiring and wiring devices
30	30	30	32	29	26	25	27	29	28	29	Manufacture of fibre optic cables
767	769	731	693	695	623	623	675	747	733	810	Manufacture of other electronic and electric wires and cables
49	51	52	50	57	53	55	57	55	54	53	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
218	215	197	202	184	187	179	178	194	174	220	Manufacture of electric lighting equipment
1,014	927	895	881	926	935	936	945	849	978	986	Manufacture of domestic appliances
708	684	632	703	727	605	646	598	615	629	632	Manufacture of other electrical equipment
3,689	3,885	4,398	4,483	4,157	3,965	3,786	4,443	4,267	4,299	3,943	Manufacture of general-purpose and special-purpose machinery
											Manufacture of fluid power equipment
218	216	270	276	221	189	193	212	216	212	197	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
918	956	1,103	1,142	1,070	1,131	1,014	1,168	1,133	1,182	1,078	Manufacture of metal-forming machinery and machine tools
753	833	922	965	922	858	803	1,003	903	887	688	Manufacture of air-conditioning machines, including for motor vehicles
599	610	714	731	636	509	514	684	617	630	605	Manufacture of other special-purpose machinery n.e.c.
1,201	1,270	1,391	1,369	1,308	1,278	1,261	1,376	1,398	1,388	1,375	Other industry
3,402	4,385	4,351	4,357	3,813	3,534	3,352	3,538	3,692	2,953	3,831	Manufacture of motor vehicles
636	799	872	792	848	551	637	649	656	704	817	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
3,674	3,640	3,903	3,725	3,478	3,391	3,246	3,495	3,834	3,488	4,439	Manufacture of parts and accessories for motor vehicles
451	569	618	603	598	561	620	637	514	532	498	Building of ships and boats
838	896	919	854	793	749	876	828	803	744	716	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
220	233	266	250	248	240	310	273	282	264	275	Manufacture of motorcycles
180	202	217	203	197	169	177	187	188	160	131	Manufacture of bicycles and invalid carriages
437	461	435	401	348	339	389	368	333	320	311	Other industry
1,490	1,644	1,740	1,774	1,818	1,750	1,971	1,565	1,578	1,180	1,257	Manufacture of furniture
735	798	879	905	942	930	1,073	815	817	594	656	Manufacture of wooden and cane furniture
755	845	860	869	876	820	898	750	760	585	600	Other industry
615	546	576	567	621	535	511	603	617	626	585	Manufacture of jewellery, bijouterie and related articles
532	479	500	500	505	507	550	614	653	568	552	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
143	142	130	139	139	134	145	155	156	147	142	Manufacture of stationery
389	338	370	360	366	373	405	460	497	421	410	Other industry
16	15	18	19	21	21	22	24	20	22	21	Manufacture of sports goods
58	55	50	46	47	45	49	54	57	55	61	Manufacture of games and toys
593	584	610	576	574	557	681	663	471	466	452	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
258	240	264	246	239	231	302	307	186	192	196	Repair and maintenance of transport equipment except motorcycles and bicycles
335	344	346	330	335	326	379	356	285	274	256	Other industry
162,262	161,428	161,971	158,389	158,095	153,133	164,340	160,415	158,588	161,199	162,529	Total Manufacturing

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh			2024				2025		2024	2025	2024		
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
101	Pemprosesan dan pengawetan daging	5.7	-45.2	5.8	3.5	6.5	11.5	-3.5	-15.3	4.9	-10.2	7.6	4.9	5.0
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	-0.9	3.2	0.8	-3.9	-3.4	5.4	7.0	0.9	6.5	3.7	3.6	2.2
	10201 Pengetinan ikan, krustasea dan moluska													
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	5.2	-1.7	2.6	-0.02	-4.98	-3.87	4.6	6.1	0.1	5.8	2.8	3.0	1.9
	Industri lain	19.5	10.3	12.5	12.6	13.3	3.6	15.3	18.8	13.5	16.1	18.4	12.4	6.8
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	31.0	10.9	23.7	10.7	6.3	5.0	1.7	-1.0	15.5	0.4	38.0	24.3	11.3
	10303 Pengetinan nanas													
	& 10304 Pembuatan jem, marmalad dan sajian jeli	58.2	12.9	35.8	8.3	6.4	6.7	-13.0	-20.0	18.1	-16.7	52.3	35.3	23.1
	Industri lain	24.3	10.2	20.3	11.4	6.2	4.5	6.3	4.8	14.7	5.7	34.1	21.2	7.9
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-11.2	10.6	-0.2	9.4	16.4	15.2	14.3	14.1	7.3	12.9	12.7	-8.9	-5.5
	10404 Pembuatan minyak sayuran mentah dan bertapis													
	& 10406 Pembuatan sebatian lemak masakan	0.8	1.8	1.8	-9.9	3.4	12.0	17.8	30.9	-3.2	22.7	16.1	-5.0	-4.8
	10405 Pembuatan minyak kelapa	-19.9	34.3	17.3	36.8	43.3	39.9	24.3	20.5	31.0	21.9	0.8	23.4	31.8
	Industri lain	-12.6	11.6	-0.7	12.1	18.0	15.4	13.6	12.0	8.6	11.5	12.3	-9.8	-5.9
105	Pembuatan produk tenusu	-0.1	-1.8	-6.6	-8.4	1.7	6.7	8.7	9.6	-6.5	6.5	-4.9	-6.9	-7.8
	10502 Pembuatan susu pekat, tepung dan sejat	-0.4	-4.3	-8.7	-11.4	-1.1	4.8	7.1	8.4	-9.2	5.0	-6.9	-9.2	-9.9
	Industri lain	4.0	31.9	26.9	36.8	34.9	28.8	25.8	21.3	32.9	22.3	22.6	31.0	27.7
106	Pembuatan produk bijian, kanji dan produk berkanji	5.1	11.0	6.1	10.7	13.8	13.4	11.6	12.8	9.2	12.5	12.5	-1.5	7.7
	10611 Pengilangan beras	3.2	11.8	3.2	10.0	17.9	16.3	13.4	9.9	8.1	10.9	12.5	-9.7	8.1
	10613 Pengilangan tepung	7.6	10.6	9.1	11.1	10.5	11.6	10.9	16.9	10.1	15.1	13.1	7.1	7.0
	Industri lain	-3.7	6.4	6.7	17.1	3.9	-1.5	-4.8	-5.7	11.3	-5.5	3.5	3.6	13.4
107	Pembuatan produk makanan lain	8.3	12.3	11.0	12.0	12.3	13.6	15.8	14.0	11.6	14.8	13.3	8.1	11.5
	10711 Pembuatan biskut dan cookies	23.0	15.2	28.2	18.4	13.0	5.4	4.3	3.7	21.5	3.7	39.0	16.9	29.4
	10712 Pembuatan roti, kek dan produk bakeri lain	10.7	8.0	0.8	0.6	10.2	21.2	25.9	24.3	1.1	25.1	2.3	0.8	-0.7
	10713 Pembuatan produk snek	16.9	27.0	41.5	37.0	22.2	12.3	0.0	-10.0	38.7	-6.1	55.9	33.1	36.7
	10721 Pembuatan gula	17.6	14.8	27.9	17.4	10.5	7.1	10.3	11.0	20.7	10.9	28.2	25.8	29.8
	10731 Pembuatan produk koko	6.2	53.8	22.8	54.9	60.0	76.4	50.5	14.1	40.2	26.2	25.4	14.4	29.8
	10732 Pembuatan coklat dan produk coklat													
	& 10733 Pembuatan konfeksi gula	-2.2	6.8	2.9	7.9	8.0	8.4	13.3	19.1	5.9	17.0	-1.1	1.0	8.7
	10793 Pembuatan sos dan bahan perasa	7.5	13.4	17.0	22.8	7.6	7.5	4.0	-1.1	18.7	1.4	27.8	12.7	11.5
	10799 Pembuatan produk makanan lain t.t.t.l.	5.3	3.3	4.3	1.7	5.3	1.9	15.6	21.1	3.2	19.1	10.7	2.9	-0.2
	Industri lain	11.0	8.7	11.9	9.9	7.3	6.1	8.4	8.5	10.8	8.7	16.4	8.6	10.8
108/ 10800	Pembuatan makanan haiwan tersedia	17.4	-0.7	8.2	-1.0	-5.7	-2.9	1.0	24.7	2.2	16.2	9.9	6.2	8.4
110	Pembuatan minuman ringan	2.7	9.0	6.1	8.2	9.4	12.0	9.8	7.0	7.4	8.9	6.5	4.6	7.2
	11041 Pembuatan minuman ringan	6.2	13.6	11.2	12.7	14.1	15.9	12.9	9.1	11.5	10.7	16.9	6.6	10.3
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	3.7	3.5	2.0	0.1	0.2	11.9	21.3	19.9	1.6	18.8	8.2	1.2	-2.5
	Industri lain	-2.8	3.4	-0.1	3.8	4.4	5.5	1.7	-0.3	3.0	2.9	-7.7	2.6	5.3
120/ 12000	Pembuatan produk tembakau	17.6	8.4	9.3	11.8	9.6	2.8	0.5	-0.7	11.4	0.1	3.9	16.7	8.3
131	Pemintalan, penenunan dan penyiapan tekstil	-12.3	2.8	-0.1	6.8	2.9	1.4	-3.3	-2.2	3.9	-2.8	1.7	2.4	-4.2
	13110 Penyediaan dan pemintalan gentian tekstil													
	& 13120 Penenunan tekstil	-11.9	-0.3	-6.2	1.2	1.1	3.2	-2.4	-2.8	-1.5	-2.9	-5.4	-5.5	-7.5
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-13.1	12.6	21.9	26.6	8.3	-3.2	-5.6	-1.2	23.2	-3.1	28.6	30.4	7.7
	Industri lain	-30.1	-13.3	-15.2	-24.4	-15.9	5.2	3.0	43.7	-18.6	21.0	-27.4	7.1	-21.6
139	Pembuatan tekstil lain	10.8	12.1	15.7	14.2	12.4	6.5	-5.6	-2.9	15.0	-3.9	16.6	14.5	16.0
	13910 Pembuatan fabrik dikait dan dikrusye	-1.8	5.9	5.6	5.9	10.3	1.8	-1.4	3.2	6.6	1.0	6.1	4.9	5.8
	Industri lain	21.2	16.2	22.8	20.1	13.7	9.4	-8.1	-6.6	20.9	-6.9	23.9	21.2	23.2
141	Pembuatan pakaian, kecuali pakaian berbulu	5.0	2.6	4.0	2.2	5.4	-0.9	2.6	-1.1	3.9	0.5	6.3	-2.5	8.3
	14102 Pembuatan pakaian	5.7	0.4	4.3	-0.5	2.0	-3.9	2.0	-2.0	2.4	-0.3	6.3	-3.3	9.9
	Industri lain	-0.2	19.2	2.3	23.1	33.3	22.1	6.9	5.1	15.5	5.9	5.7	3.1	-1.4
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	-5.9	18.7	-5.2	23.4	18.9	22.2
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	10.4	5.2	11.9	6.5	6.6	6.5
152	Pembuatan kasut	12.6	-4.1	7.1	-0.02	-8.76	-13.38	-9.7	4.9	2.4	-2.0	11.2	7.6	2.4
	15201 Pembuatan kasut kulit													
	& 15203 Pembuatan kasut getah	16.1	0.1	12.9	2.5	-4.4	-8.8	-5.1	11.6	6.6	3.1	14.5	12.4	11.8
	Industri lain	6.5	-12.1	-3.4	-4.6	-17.4	-23.2	-19.2	-8.0	-5.1	-12.3	4.7	-0.7	-13.6
161/ 16100	Pengilangan dan pengetaman kayu	-2.7	-7.6	-8.5	-5.2	-8.0	-8.4	-5.3	-2.4	-7.1	-4.0	-2.0	-15.4	-8.1

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	-13.5	-16.7	-14.4	Processing and preserving of meat
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	11.8	4.2	8.7	Processing and preserving of fish, crustaceans and molluscs
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	11.5	3.8	8.6	Canning of fish, crustaceans and molluscs
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	15.9	8.9	10.3	Processing, curing and preserving of fish, crustacean and molluscs
																Other industry
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	-3.6	1.0	1.0	Processing and preserving of fruits and vegetable
																Pineapple canning
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	-26.3	-19.8	-17.6	Manufacture of jams, marmalades and table jellies
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	3.4	7.5	6.8	Other industry
8.3	9.0	10.9	23.5	23.3	4.6	13.7	15.0	17.0	11.1	18.1	14.7	12.2	14.1	15.9	6.3	Manufacture of vegetable and animal oils and fats
																Manufacture of crude and refined vegetable oil
-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	35.3	20.1	14.5	Manufacture of compound cooking fats
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	22.4	18.8	19.3	Manufacture of coconut oil
11.7	12.7	12.1	26.3	26.1	4.5	14.4	14.8	17.1	10.4	18.6	13.1	9.0	11.4	15.3	5.2	Other industry
-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	6.0	14.8	-9.0	Manufacture of dairy products
-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	4.9	14.9	-12.0	Manufacture of condensed, powdered and evaporated milk
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	16.6	14.5	16.5	Other industry
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	15.0	9.6	13.8	Manufacture of grain mill products, starches and starch products
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	12.8	4.6	7.0	Rice milling
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	18.4	15.5	22.0	Flour milling
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	-5.5	-6.5	-7.1	Other industry
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	12.3	13.3	14.4	Manufacture of other food products
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	6.6	2.1	2.1	Manufacture of biscuits and cookies
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	21.3	26.8	25.2	Manufacture of bread, cakes and other bakery products
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	-12.2	-11.5	-10.9	Manufacture of snack products
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	11.4	10.8	12.4	Manufacture of sugar
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	6.8	-3.4	2.5	Manufacture of cocoa products
																Manufacture of chocolate and chocolate products
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	16.1	23.4	21.5	Manufacture of sugar confectionery
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	4.4	-12.4	1.9	Manufacture of sauces and condiments
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	22.6	21.0	24.3	Manufacture of other food products n.e.c.
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	6.7	9.2	10.5	Other industry
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	32.7	38.9	34.4	Manufacture of prepared animal feeds
7.0	6.2	11.8	9.4	9.9	8.9	7.2	13.1	16.3	9.1	9.9	10.5	5.6	6.5	9.1	11.8	Manufacture of beverages
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	8.9	10.3	9.4	Manufacture of soft drinks
-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	19.1	21.3	9.1	Production of natural mineral waters and other bottled waters
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	-1.0	3.2	17.5	Other industry
11.2	9.2	16.3	19.2	6.0	4.2	2.8	1.5	4.3	1.9	1.7	-1.7	-1.2	-2.1	1.9	1.6	Manufacture of tobacco products
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	-2.5	-1.8	-3.6	Spinning, weaving and finishing of textiles
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	-3.3	-2.7	-4.5	Preparation and spinning of textile fibres
																Weaving of textiles
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	-1.3	-0.1	-1.7	Dyeing, bleaching, printing and finishing of yarns and fabrics
-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	43.3	42.8	22.2	Other industry
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	-2.7	-4.1	-1.7	Manufacture of other textiles
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	5.2	2.0	1.8	Manufacture of knitted and crocheted fabrics
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	-7.5	-7.9	-3.9	Other industry
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	-2.3	-3.7	-1.6	Manufacture of wearing apparel, except fur apparel
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	-3.5	-5.0	-2.7	Manufacture of clothings
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	4.8	4.1	5.5	Other industry
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	-9.1	-0.8	-6.2	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
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	10.5	9.6	10.1	
-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	6.2	3.0	2.7	Manufacture of footwear
																Manufacture of leather footwear
-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	13.3	8.5	5.1	Manufacture of rubber footwear
-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	-7.1	-8.7	-2.6	Other industry
-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	-3.0	-2.7	-3.2	Sawmilling and planning of wood

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025		2024	2025	2024		
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-5.8	4.8	1.3	6.6	9.1	4.1	0.7	-1.2	4.6	-0.4	0.7	-1.5	4.6
16211	Pembuatan kepingan venier dan papan lapis	1.2	5.4	2.7	6.8	7.3	5.8	6.0	1.6	5.0	3.5	1.0	1.4	5.8
16212	Pembuatan papan partikel dan papan gentian	-13.1	6.0	1.0	4.7	13.1	7.0	-4.2	-4.6	4.2	-4.4	5.0	-5.7	3.4
16221	Pertukangan kayu untuk jurubina	-5.6	4.3	-0.1	7.5	11.0	1.8	0.7	-3.4	3.9	-0.7	-9.0	2.2	7.5
	Industri lain	-15.5	-0.9	-3.7	10.1	4.0	-11.0	-15.2	-2.5	4.4	-8.5	-0.5	-9.1	-1.6
170	Pembuatan kertas dan produk kertas	5.7	0.9	2.0	1.5	1.1	-1.0	-1.4	-2.5	2.4	-2.0	6.7	1.3	-1.7
17010	Pembuatan pulpa, kertas dan kertas tebal	-3.8	4.6	1.5	9.9	7.6	-0.1	2.2	1.7	8.0	1.7	1.8	1.2	1.6
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	-4.5	-4.4	-4.7	-0.6	-13.2	-11.5
17091	Pembuatan sampul surat dan kad surat	0.3	-2.1	-14.6	-3.8	0.0	12.1	8.3	0.8	-9.5	6.6	-18.1	-9.2	-15.7
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	13.2	-6.5	1.1	-5.5	-12.6	-9.2	-6.3	-8.7	-3.4	-7.7	2.9	1.5	-0.9
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19.0	5.8	16.7	0.8	-3.1	9.4	-3.5	-4.1	5.8	-1.7	24.8	25.6	2.2
	Industri lain	41.1	24.5	31.7	25.7	25.8	16.4	10.0	9.3	29.7	8.7	40.9	27.3	27.7
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	7.3	6.5	6.8	4.7	2.5	3.5
18110	Percetakan	3.6	12.5	9.9	13.9	15.0	11.6	11.5	10.9	12.9	10.8	11.7	9.0	9.1
18120	Aktiviti perkhidmatan berkaitan percetakan													
& 18200	Penerbitan semula media rakaman	15.1	-14.0	-16.6	-15.2	-12.6	-11.2	-13.3	-9.4	-15.1	-11.4	-16.4	-17.4	-15.9
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.1	-7.2	-12.9	-7.2	-3.9	-4.8	-6.0	-8.8	-7.9	-7.3	-21.0	-8.8	-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	0.4	-1.4	3.1	-5.0	-9.1	-10.0
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-16.2	23.3	-15.2	32.3	49.3	40.8	51.1	25.9	9.9	31.2	-27.3	-19.5	5.1
20112 & 20113	Pembuatan kimia organik asas	-11.6	3.2	-9.8	9.3	8.1	8.1	10.7	-1.2	0.4	3.9	-7.5	-9.9	-12.0
20121 & 20129	Pembuatan sebatian bukan organik	-18.4	-26.7	-35.8	-24.9	-23.8	-19.2	6.9	3.5	-29.0	4.9	-40.2	-40.1	-27.1
20131	Pembuatan produk campuran nitrogen	2.1	-2.0	2.6	-1.3	-0.6	-8.8	-6.3	-14.0	0.6	-11.0	10.6	1.4	-3.6
	Pembuatan plastik dalam bentuk primer	-8.2	4.3	-6.9	4.3	9.2	12.0	29.3	56.5	0.6	43.5	-0.7	-9.6	-10.6
	Industri lain													
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	17.8	6.5	13.6	9.3	5.4	-1.5	-4.6	-3.5	10.8	-3.9	22.9	9.0	8.9
20210	Pembuatan racun perosak dan produk agrokimia lain	23.6	-8.4	4.1	-2.6	-14.3	-19.9	-19.7	-17.2	-0.9	-18.4	3.2	12.3	-2.5
20221	Pembuatan cat, varnis dan penyadur dan mastik	34.7	15.4	38.0	18.2	7.8	1.1	-11.0	-13.8	25.6	-12.6	54.3	30.6	30.5
20222	Pembuatan dakwat cetak	-3.6	7.5	7.2	5.6	9.5	7.7	-7.3	0.2	7.0	-2.8	9.1	1.5	10.9
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	10.6	0.7	5.6	2.1	3.0	-7.9	-6.9	-4.2	3.7	-5.5	23.7	-1.0	-4.8
20291 & 20292	Pembuatan pewangi dan penyediaan dandanan diri													
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	9.7	12.9	1.1	17.3	18.0	16.0	21.5	22.3	10.0	23.0	-2.1	-2.7	8.9
20292 & 20299	Pembuatan dakwat menulis dan melukis													
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	5.2	-9.1	-0.1	-8.2	-10.5	-18.2
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	5.2	5.6	5.4	6.8	6.3	4.1	5.9	8.5	6.4	7.4	3.3	6.5	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	6.9	6.2	6.5	1.5	5.9	6.8
	Industri lain	8.5	14.0	8.4	7.0	17.0	23.0	8.4	16.2	7.7	11.7	11.8	9.4	4.2
221	Pembuatan produk getah	-9.1	7.7	4.4	5.6	10.5	10.7	8.2	2.8	5.7	5.1	7.2	5.1	1.7
22111	Pembuatan tayar getah untuk kenderaan	-38.1	-13.2	-31.4	-12.9	-8.1	5.6	3.9	-4.8	-21.0	0.8	-30.5	-30.9	-32.7
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	27.1	7.4	4.7	6.3	12.8	5.8	12.7	13.5	7.5	12.1	23.3	-4.9	-1.1
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-16.9	11.9	7.0	12.0	20.2	8.9	-3.6	-4.3	11.0	-3.6	8.4	6.3	6.2
22192	Pengilangan semula getah dan prosesan susu getah													
22192	Pembuatan sarung tangan getah	-5.8	8.4	5.6	5.2	10.5	13.1	11.5	4.6	6.0	7.5	8.2	7.4	2.6
22199	Pembuatan produk getah lain yang t.t.t.l.	-9.5	7.6	10.8	11.7	8.5	-0.1	-2.2	-3.7	10.7	-3.3	16.6	9.0	6.8
222	Pembuatan produk plastik	-0.6	5.4	5.4	6.1	5.2	5.0	1.7	-3.0	5.8	-1.6	8.8	4.7	3.0
22201 & 22202	Pembuatan produk plastik separa siap	-5.3	-1.0	-2.6	-2.3	-2.3	3.5	1.7	-3.8	-2.3	-1.8	2.0	-6.4	-3.2
22202	Pembuatan produk plastik siap													
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-1.9	8.4	6.7	11.6	10.3	4.9	0.4	-3.2	9.5	-2.0	7.3	6.6	6.2
22204	Pembuatan barangan plastik jurubina	41.2	10.7	23.4	6.9	6.5	9.0	8.3	11.9	13.4	8.2	53.5	19.8	7.5
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7.9	-0.02	-2.0	-6.7	3.0	6.6	2.7	-6.7	-3.4	-3.5	0.7	4.0	-9.1
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.6	10.0	13.4	16.0	6.9	5.0	1.8	-3.3	13.7	-2.0	16.2	12.5	11.5
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-3.3	2.8	4.6	3.7	6.2	-3.3	-3.1	5.0	5.5	0.8	6.8	6.9	0.3

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	-2.1	-3.9	-3.1	Manufacture of products of wood, cork, straw and plaiting materials
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	-1.0	-3.5	-3.6	Manufacture of veneer sheets and plywood
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	-4.2	-4.0	-4.5	Manufacture of particle board and fibreboard
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	-2.3	-5.8	1.2	Manufacture of builders' carpentry
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	-1.5	-3.7	-1.9	Other industry
1.1	0.8	2.7	6.8	0.5	-3.5	-4.1	0.7	0.4	-1.9	-1.1	-1.3	-0.9	-2.8	-3.9	-2.6	Manufacture of paper and paper products
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	0.6	0.7	0.6	Manufacture of pulp, paper and paperboard
-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	-4.5	-7.6	-8.8	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-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	-5.2	3.8	20.6	Manufacture of envelopes and letter-card
-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	-9.4	-9.6	-9.5	Manufacture of household and personal hygiene paper
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	-3.1	-7.0	12.8	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
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	8.9	10.2	3.7	Other industry
7.6	5.9	8.7	13.4	7.5	7.0	6.7	7.3	7.0	6.7	7.3	6.1	6.7	7.9	7.3	5.3	Printing, service activities related to printing and reproduction of recorded media
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	11.3	10.1	8.6	Printing
-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	-7.2	-6.1	-10.6	Service activities related to printing
																Reproduction of recorded media
-5.2	-17.6	1.6	4.8	-7.5	-8.5	-7.0	-4.4	-2.4	-2.1	-6.7	-9.4	-8.6	-9.9	-8.1	-6.4	Manufacture of refined petroleum products
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	-2.4	-1.7	-2.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
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	17.0	17.3	-1.9	Manufacture of liquefied or compressed inorganic industrial or medical gases
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	-4.5	-3.1	-1.6	Manufacture of basic organic chemicals
																Manufacture of inorganic compounds
																Manufacture of fertilizers
-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	1.8	3.7	3.3	Manufacture of associated nitrogen products
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	-17.0	-16.6	-16.5	Manufacture of plastics in primary forms
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	57.2	57.1	46.1	Other industry
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	-2.8	-4.0	-2.6	Manufacture of other chemical products and man-made fibres
-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	-14.1	-17.3	-17.9	Manufacture of pesticides and other agrochemical products
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	-14.0	-13.5	-14.2	Manufacture of paints, varnishes and similar coatings ink and mastics
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	-1.0	10.3	2.4	Manufacture of printing ink
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	-1.8	-6.8	-4.7	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
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	21.3	22.8	29.5	Manufacture of writing and drawing ink
																Manufacture of other chemical products n.e.c.
-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	-9.0	-8.1	-12.3	Other industry
7.4	3.0	9.4	8.7	5.4	4.9	1.7	4.6	6.1	3.4	7.2	6.9	7.5	10.0	8.2	8.8	Manufacture of pharmaceuticals, medicinal chemical and botanical products
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	8.9	8.1	8.7	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
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	15.1	8.5	9.6	Other industry
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	2.5	1.2	3.9	Manufacture of rubber products
-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	-13.7	-2.5	9.8	Manufacture of rubber tyres for vehicles
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	11.7	15.5	6.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
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	-9.0	-1.3	-1.6	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
																Rubber remilling and latex processing
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	5.0	2.6	5.5	Manufacture of rubber gloves
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	-1.2	-7.9	-5.1	Manufacture of other rubber products n.e.c.
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	-5.2	-5.6	-6.3	Manufacture of plastics products
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	-4.8	-4.6	-5.4	Manufacture of semi-manufactures of plastic products
																Manufacture of finished plastic products
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	-6.0	-5.9	-4.8	Manufacture of plastic articles for the packing of goods
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	10.0	9.4	-1.9	Manufacture of builders' plastics ware
-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	-7.6	-7.3	-9.1	Manufacture of plastic tableware, kitchenware and toilet articles
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	-6.5	-8.9	-9.1	Manufacture of diverse plastic products n.e.c.
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	3.9	5.1	0.8	Manufacture of glass and glass products

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	2024		
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	8.4	6.6	7.9	8.5	7.3	3.0	2.7	2.9	8.4	2.5	12.7	3.9	7.2
	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	9.2	2.7	10.6	13.5	1.5	1.0
	23930 Pembuatan produk porselin dan seramik lain	-7.0	-6.4	-13.5	-1.3	1.3	-11.3	-6.4	-14.7	-5.6	-12.5	-15.0	-14.1	-11.1
	23941 Pembuatan simen hidraulik	12.4	2.2	2.7	3.9	2.1	0.1	-0.1	-5.4	3.3	-3.3	2.7	0.1	5.0
	23951 Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	9.1	3.8	5.2	4.2	5.4	0.3	1.9	-0.4	4.6	0.4	9.1	0.8	5.7
	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	7.3	13.0	17.1	15.4	12.3	7.3	5.7	9.3	16.2	7.4	27.0	11.5	13.3
	& 23959 Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
	23990 Pembuatan produk mineral bukan logam lain t.t.t.l.	4.7	10.3	7.1	19.8	14.5	1.2	-3.6	4.1	15.1	1.1	9.6	1.0	11.1
	Industri lain	8.9	-6.2	-9.7	-13.5	-2.1	1.5	7.3	11.1	-9.5	5.2	-5.0	-3.6	-19.8
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	6.7	7.0	7.2	11.2	7.8	3.1	0.4	6.8	9.2	4.1	5.9	7.9	7.7
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1.0	4.4	-0.4	9.8	7.9	1.9	9.6	3.9	5.9	6.6	1.3	-3.2	0.8
243	Pengacuan logam	7.6	10.9	20.0	12.9	7.4	4.3	-2.4	0.4	15.2	0.7	23.1	18.1	18.8
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	11.6	4.7	11.4	8.8	0.6	-2.1	-1.9	-2.5	8.8	-2.0	10.4	14.5	9.5
	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	1.3	8.5	1.2	11.4	11.3	7.8
	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	-11.8	12.2	-9.7	10.2	27.5	17.0
	Industri lain	7.0	-18.0	-15.5	-18.6	-20.4	-17.7	-15.9	-8.0	-17.8	-11.8	-13.3	-14.1	-19.1
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	6.6	14.3	13.7	17.5	15.5	10.7	8.6	7.7	15.6	8.1	14.0	4.8	22.8
	25910 Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5.3	3.3	2.8	3.2	3.4	3.7	3.8	5.4	3.1	5.0	4.6	2.5	1.5
	25920 Rawatan dan penyalutan logam; menggunakan mesin	12.8	52.2	23.5	66.1	69.4	56.0	39.7	23.0	44.5	28.7	5.9	7.1	65.1
	25991 Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.4	9.6	26.0	17.3	0.0	-2.2	-4.5	1.1	18.9	0.2	31.8	16.1	30.1
	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	7.1	14.5	8.0	11.0	6.5	20.9
	25994 Pembuatan barangan rumah daripada logam	13.2	8.9	11.2	12.5	6.0	6.0	-0.7	0.8	10.5	1.19	12.3	13.8	7.3
	25999 Pembuatan produk lain yang direka daripada logam t.t.t.l.	13.1	7.7	8.3	5.9	12.4	4.8	6.5	3.8	8.5	2.8	16.3	-7.0	16.3
	Industri lain	43.8	21.3	18.0	23.7	24.9	18.9	12.8	13.4	22.5	9.9	16.1	19.8	18.1
261	Pembuatan komponen dan papan elektronik	2.5	3.3	-1.7	3.2	5.7	6.1	8.3	5.5	0.9	7.0	-2.3	-3.3	0.1
	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	4.9	2.0	6.8	-6.6	-2.8	2.3
	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	7.4	-6.1	7.4	-3.9	-10.1	-7.8
	& 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	-1.4	58.5	6.0	94.4	83.5	60.8
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	2.2	25.0	19.5	31.7	32.9	15.2	10.9	9.0	28.0	9.3	15.5	17.8	25.3
263/ 26300	Pembuatan peralatan komunikasi	41.7	23.3	32.5	25.3	18.8	19.4	5.7	-10.5	28.9	-4.4	42.1	38.2	20.9
264/ 26400	Pembuatan peralatan elektronik pengguna	-1.5	0.2	-3.2	5.8	2.7	-4.6	-4.8	10.9	2.7	4.6	0.9	-0.3	-8.9
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	10.2	20.7	13.9	8.1	17.5	13.5
	26511 Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	4.5	26.1	13.3	31.8	32.4	27.2	19.7	8.6	23.0	13.2	8.3	18.3	14.0
	& 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	27.1	1.3	21.0	6.4	10.6	9.1
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	4.6	6.8	25.5	9.8	0.2	-5.2	1.3	4.6	15.7	3.4	48.4	17.8	12.9

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	3.4	0.8	0.8	Manufacture of non-metallic mineral products n.e.c.
																Manufacture of refractory mortars and concretes
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	9.3	5.0	15.3	Manufacture of non-refractory ceramic
-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	-11.7	-21.3	-21.9	Manufacture of other porcelain and ceramic products
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	-2.6	-13.2	-7.8	Manufacture of hydraulic cement
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	1.0	-5.3	-2.2	Manufacture of ready-mix and dry-mix concrete and mortars
																Manufacture of precast concrete, cement or artificial stone articles for use in construction
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	9.4	11.4	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.
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	-2.2	9.6	6.5	Manufacture of other non-metallic mineral products n.e.c.
-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	17.1	1.2	-16.9	Other industry
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	6.0	7.7	9.4	Manufacture of basic iron and steel
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	2.4	4.1	4.2	Manufacture of basic precious and other non-ferrous metals
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	-3.0	8.2	12.7	Casting of metals
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	-1.7	-4.7	-0.8	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
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	0.3	-0.4	-1.4	Manufacture of metal doors, windows and their frames, shutters and gates
																Manufacture of other structural metal products
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	-7.0	-14.9	1.4	Manufacture of tanks, reservoirs and containers of metal
-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	-5.1	-12.8	-9.4	Other industry
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	7.7	7.9	7.4	Manufacture of other fabricated metal products; metal working service activities
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	4.9	5.3	7.5	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
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	19.8	20.1	15.3	Treatment and coating of metals; machining
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	4.0	3.6	14.3	Manufacture of tins and cans for food products, collapsible tubes and boxes
																Manufacture of metal cable, plaited bands and similar articles
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	6.0	10.7	16.0	Manufacture of bolts, screws, nuts and similar threaded products
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	5.9	-6.9	8.8	Manufacture of metal household articles
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	6.1	-1.6	-10.6	Manufacture of any other fabricated metal products n.e.c.
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	12.9	13.8	-7.3	Other industry
-2.3	9.1	2.8	2.1	7.7	6.9	0.1	10.2	8.5	8.2	8.8	7.9	10.8	3.4	2.9	7.5	Manufacture of electronic components and boards
																Manufacture of diodes, transistors and similar semiconductor devices
2.2	11.7	5.4	2.1	10.0	8.0	1.2	12.0	7.8	7.5	9.3	8.4	11.1	4.7	0.04	7.4	Manufacture of electronic integrated circuits micro assemblies
																Manufacture of electrical capacitors and resistors
-11.3	-0.03	-5.1	-2.7	0.1	-0.05	-7.9	3.3	3.5	7.5	5.7	6.0	10.1	3.1	9.2	11.2	Manufacture of printed circuit boards
																Manufacture of display components
37.8	65.5	40.4	43.8	45.4	47.4	46.9	45.1	49.9	18.1	26.6	15.9	13.6	-7.1	-7.3	-12.8	Manufacture of other components for electronic applications
29.4	29.2	37.1	40.4	31.5	24.0	15.9	10.6	18.7	14.1	8.7	10.3	9.7	10.5	6.7	5.9	Manufacture of computers and peripheral equipment
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	-16.8	-10.3	-10.3	Manufacture of communication equipment
-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	11.0	12.4	11.1	Manufacture of consumer electronics
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	6.6	7.1	9.0	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
																Manufacture of measuring, testing, navigating and control equipment
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	4.9	5.4	7.6	Manufacture of industrial process control equipment
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	24.9	26.5	23.3	Manufacture of watches and clocks and parts
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	1.7	7.6	7.4	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

1.4b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2024				2025		2024	2025	2024		
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	24.2	14.4	33.4	11.2	-0.1	16.1	6.7	29.8	18.9	18.8	44.7	33.2	24.0
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	11.9	2.5	4.3	4.1	-2.2	4.8	1.6	4.3	3.1	2.6	8.6	4.7	-0.1
27101	Pembuatan motor elektrik, penjana dan transformer	-4.6	3.7	2.1	5.0	2.4	5.6	-7.2	-1.0	3.4	-4.9	4.9	0.8	0.3
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	19.7	2.0	5.2	3.8	-4.0	4.5	4.9	6.3	3.0	5.4	10.1	6.2	-0.2
272/ 27200	Pembuatan bateri dan akumulator	-3.4	11.7	-3.6	0.2	48.1	6.5	35.6	32.9	5.8	30.9	-6.7	-4.0	0.6
273	Pembuatan pendawaian dan peranti pendawaian	-8.7	-1.8	-6.8	-1.5	-0.3	1.5	-3.7	2.3	-3.5	0.9	1.6	-11.3	-10.6
27310	Pembuatan kabel gentian optikal	27.3	-7.7	4.7	-5.9	-15.9	-12.6	-26.0	-26.0	-4.8	-23.7	8.2	9.3	-3.2
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-9.7	-2.1	-8.4	-2.4	0.8	1.8	-3.3	4.2	-4.4	2.0	0.2	-13.6	-12.0
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-14.4	7.6	11.0	14.8	-3.2	8.3	5.4	-1.7	11.2	2.9	19.6	10.3	3.7
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	9.4	20.5	16.5	13.5	20.2	30.1	17.3	21.1	14.2	19.4	26.1	15.2	8.4
275/ 27500	Pembuatan perkakasan domestik	-3.9	2.0	3.1	1.7	1.1	2.1	-3.9	-5.6	2.8	-4.3	4.6	3.7	1.1
279/ 27900	Pembuatan kelengkapan elektrik lain	15.2	-13.4	-6.5	-16.1	-16.7	-13.7	-1.5	-5.6	-12.3	-3.9	2.2	-11.6	-10.1
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-1.9	3.8	1.9	3.2	3.0	6.6	8.1	9.3	3.0	9.2	3.3	1.6	0.7
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-10.5	-4.2	2.0	-0.8	-4.0	-10.9	-1.1	9.3	1.6	4.6	8.6	-1.4	-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	11.1	15.4	12.5	11.8	11.1	19.0
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-16.3	7.4	2.9	2.4	12.9	12.6	6.0	3.3	3.7	4.4	5.9	4.9	-1.8
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-1.7	-11.2	-23.0	-11.0	-10.8	1.0	-0.6	1.5	-16.8	2.1	-19.8	-24.3	-25.0
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	14.3	4.9	8.7	3.0	-0.2	8.3	10.6	16.3	5.6	14.1	9.0	9.2	7.8
291 (29101 & 29102)	Pembuatan kenderaan bermotor	15.0	2.6	16.4	20.8	1.9	-18.6	-25.6	-14.5	16.6	-18.9	29.4	19.6	0.8
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	9.3	-10.2	-25.4	-19.3	-3.1	5.7	30.0	21.4	-19.6	25.7	-25.1	-28.4	-23.2
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	12.6	5.3	9.3	5.3	5.3	1.7	-9.2	-0.2	7.3	-2.8	16.9	13.9	-1.7
301 (30110 & 30120)	Pembinaan kapal dan bot	11.8	3.4	-9.2	-2.6	6.0	21.6	20.8	13.1	-4.3	18.2	-12.3	-10.6	-5.3
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.	-2.4	1.2	9.2	6.1	-0.1	-8.5	-9.8	-7.4	6.6	-9.2	13.9	10.4	3.8
	30910 Pembuatan motosikal	5.6	10.2	31.1	17.3	0.4	-2.7	1.4	9.6	20.9	5.7	41.4	30.3	21.5
	30920 Pembuatan basikal dan invalid carriages	-19.2	-0.9	-8.8	-4.9	4.7	6.8	-3.3	-7.6	-5.8	-8.1	-4.3	-17.0	-5.5
	Industri lain	3.0	-2.6	7.4	5.8	-2.4	-17.1	-19.2	-17.6	5.2	-18.6	9.2	15.0	0.2
310	Pembuatan perabot	0.2	8.4	12.6	10.5	7.0	3.9	4.0	3.9	10.9	4.4	13.0	9.2	15.3
31001	Pembuatan perabot kayu dan rotan	-1.4	10.8	15.1	15.1	7.5	6.0	5.9	6.2	14.0	6.6	13.7	9.8	21.5
	Industri lain	1.8	6.0	10.0	6.1	6.4	1.9	2.0	1.6	7.9	2.0	12.4	8.6	8.8
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.4	19.6	12.9	17.4	33.6	15.6	13.2	3.4	19.0	7.6	12.4	9.8	16.7
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	12.8	-8.7	-0.6	-3.8	-17.9	-11.4	-1.4	6.0	-4.4	3.1	1.6	-0.9	-2.6
	32901 Pembuatan alat tulis	6.1	5.2	-4.9	7.0	9.2	9.6	9.0	2.6	2.9	3.2	-4.7	-10.3	0.4
	Industri lain	14.9	-12.9	0.8	-7.1	-25.6	-17.5	-4.7	7.2	-6.7	3.0	3.8	2.3	-3.6
323/ 32300	Pembuatan barangan sukan	15.5	-4.0	4.6	-2.6	-7.2	-11.9	-5.7	1.7	-0.8	0.7	10.9	6.3	-2.4
324/ 32400	Pembuatan permainan dan mainan	-15.1	15.1	-6.3	3.6	42.6	26.7	14.3	-4.8	5.7	3.1	-15.9	-1.2	-1.5
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	7.3	4.7	4.7	7.1	4.1	3.3	6.2	7.7	5.7	6.8	3.4	3.0	7.4
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7.9	14.6	12.0	19.3	11.9	15.6	16.6	14.2	15.4	16.1	9.2	12.8	13.7
	Industri lain	6.9	-1.1	0.6	0.2	-0.7	-4.2	-0.4	3.3	0.3	0.8	0.3	-2.2	3.4
Jumlah Pembuatan		0.2	4.6	1.8	5.7	6.5	4.4	4.0	3.4	4.5	3.7	3.2	0.7	1.4

2025																	Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.		
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	43.0	32.2	28.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media	
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	5.2	4.9	0.4	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
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	1.7	0.8	-9.5	Manufacture of electric motors, generators and transformers	
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	6.5	6.4	4.0	Manufacture of electricity distribution and control apparatus	
-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	33.9	29.3	15.5	Manufacture of batteries and accumulators	
-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	-0.6	7.9	9.4	Manufacture of wiring and wiring devices	
-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	-25.7	-25.9	-8.0	Manufacture of fibre optic cables	
-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	1.3	10.6	10.1	Manufacture of other electronic and electric wires and cables	
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	-7.7	-1.7	10.9	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material	
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	20.2	21.3	20.7	Manufacture of electric lighting equipment	
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	-9.6	-1.3	-1.5	Manufacture of domestic appliances	
-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	-7.3	-7.8	-6.3	Manufacture of other electrical equipment	
4.6	2.4	2.7	5.6	2.8	0.7	3.3	7.2	9.2	9.0	10.6	4.5	9.5	7.7	10.5	12.4	Manufacture of general-purpose and special-purpose machinery	
-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	11.8	4.4	8.8	Manufacture of fluid power equipment	
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	10.2	12.7	13.4	Manufacture of other pumps, compressors, taps and valves	
-0.1	-1.6	10.3	13.0	13.2	12.6	15.6	12.4	10.3	9.0	7.8	1.1	9.0	-3.0	4.1	3.1	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives	
-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	-1.4	7.9	12.2	Manufacture of metal-forming machinery and machine tools	
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	18.3	15.6	17.4	Manufacture of air-conditioning machines, including for motor vehicles	
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	-18.5	-10.8	-8.1	Manufacture of other special-purpose machinery n.e.c.	
-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	20.6	19.1	26.1	Other industry	
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	-6.1	10.4	7.5	Manufacture of motor vehicles	
-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	12.2	28.4	27.6	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	
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	-4.8	-12.7	-12.5	Manufacture of parts and accessories for motor vehicles	
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	11.4	6.9	7.4	Building of ships and boats	
-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	-2.4	-19.4	-25.2	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c	
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	-16.3	-21.3	-19.9	Manufacture of motorcycles	
16.1	8.3	6.3	5.4	8.7	6.8	5.3	2.6	3.9	1.4	5.9	4.8	2.7	3.2	6.5	7.6	Manufacture of bicycles and invalid carriages	
22.1	15.6	5.7	5.5	10.0	6.9	6.3	3.7	7.9	5.2	7.1	5.4	4.0	6.6	8.6	11.2	Other industry	
10.3	1.9	6.8	5.3	7.2	6.6	4.3	1.4	0.1	-2.5	4.6	4.2	1.3	-0.2	4.5	3.8	Manufacture of furniture	
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	3.0	3.4	6.0	Manufacture of wooden and cane furniture	
-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	4.9	7.3	6.9	Other industry	
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	4.9	-2.3	-9.1	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.	
-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	4.9	11.1	13.8	Manufacture of stationery	
-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	-7.6	27.0	22.5	Other industry	
-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	-12.7	-3.5	3.0	Manufacture of sports goods	
5.6	7.3	9.2	4.8	5.3	2.6	4.9	1.8	3.4	4.8	5.8	7.8	8.7	9.2	4.9	6.2	Manufacture of games and toys	
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	11.0	13.6	21.1	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment	
-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	8.1	-0.5	-3.0	Repair and maintenance of transport equipment except motorcycles and bicycles	
5.7	5.5	5.9	9.1	7.7	2.9	3.0	4.5	5.7	3.5	4.7	3.7	4.7	2.4	3.3	3.5	Total Manufacturing	

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	3.3	3.2	0.1	4.6	-10.6	-9.4	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	1.7	4.5	-10.8	3.8	0.7	2.3
	10201 Pengetinan ikan, krustasea dan moluska											
	&											
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	-4.9	0.1	-0.5	1.5	3.5	1.5	4.7	-11.4	4.3	1.1	1.5
	Industri lain	-0.3	1.5	0.2	2.2	10.9	4.5	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	1.0	8.3	-6.8	3.9	1.8	4.1
	10303 Pengetinan nanas											
	&											
	10304 Pembuatan jem, marmalad dan sajian jeli	-1.5	2.3	1.5	4.4	-19.7	-6.0	6.2	-5.1	7.3	-4.1	6.6
	Industri lain	2.5	4.3	-1.5	-0.7	4.3	2.8	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	10.3	1.1	-23.5	-3.3	20.4	4.3
	10404 Pembuatan minyak sayuran mentah dan bertapis											
	&											
	10406 Pembuatan sebatian lemak masakan	-1.9	-7.0	16.1	5.7	3.3	3.3	5.4	-12.6	1.3	-10.1	6.1
	10405 Pembuatan minyak kelapa	9.1	0.5	18.6	7.6	-3.0	-2.6	-0.3	5.3	-3.6	-11.9	20.0
	Industri lain	-18.9	13.2	14.8	9.4	-20.1	11.5	0.5	-25.3	-4.0	25.8	4.0
105	Pembuatan produk tenusu	-2.8	2.0	2.4	5.1	-1.0	2.9	0.05	0.5	6.8	-1.7	2.0
	10502 Pembuatan susu pekat, tepung dan sejat	-3.3	0.8	1.4	6.1	-1.2	1.9	-1.1	1.3	7.4	-2.2	0.4
	Industri lain	2.8	16.2	12.2	-3.9	0.4	12.1	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	7.1	5.8	-6.5	12.2	-1.5	4.4
	10611 Pengilangan beras	4.9	10.5	2.0	-1.6	2.3	7.1	3.4	-5.8	20.0	-1.3	4.8
	10613 Pengilangan tepung	2.3	2.0	1.7	5.2	1.6	7.5	7.8	-7.2	5.3	-2.0	4.7
	Industri lain	5.8	2.0	-8.9	0.2	2.3	1.0	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	3.9	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	4.3	-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	4.4	7.2	-6.0	4.7	4.2	2.8
	10713 Pembuatan produk snek	3.4	10.5	-3.8	2.2	-7.9	-0.5	6.3	-11.7	16.4	-0.03	10.1
	10721 Pembuatan gula	-7.6	6.5	2.7	5.9	-4.8	7.2	-4.9	0.8	2.4	0.4	10.3
	10731 Pembuatan produk koko	16.3	21.4	5.4	18.5	-0.8	-8.0	18.3	1.2	-2.8	6.0	27.3
	10732 Pembuatan coklat dan produk coklat											
	&											
	10733 Pembuatan konfeksi gula	0.3	5.1	-2.3	5.3	4.8	10.4	-2.5	0.4	8.7	-1.3	5.7
	10793 Pembuatan sos dan bahan perasa	-0.9	6.0	-5.4	8.1	-4.1	0.8	-0.5	-2.7	1.6	4.5	1.5
	10799 Pembuatan produk makanan lain t.t.t.l.	-7.3	-4.2	6.7	7.6	5.1	0.4	-2.2	-3.9	-1.1	-1.5	0.7
	Industri lain	2.4	3.4	0.2	0.0	4.6	3.5	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	29.8	4.0	-1.1	8.2	-0.8	4.8
110	Pembuatan minuman ringan	-1.1	-0.4	6.0	7.2	-3.0	-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	-3.2	-0.4	-5.6	12.2	2.3	-10.9
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	-2.4	1.2	8.1	4.8	5.8	-0.05	0.1	4.7	3.0	1.9	-5.4
	Industri lain	1.5	-1.7	-2.9	8.8	-2.1	-3.6	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	-15.7	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	8.4	12.1	-8.3	1.8	4.8	10.3
	13110 Penyediaan dan pemintalan gentian tekstil											
	&											
	13120 Penenunan tekstil	11.2	7.0	-11.2	-2.4	5.2	6.6	12.5	-9.2	6.0	5.0	4.4
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	1.4	8.4	-8.3	-3.9	-1.2	13.5	10.8	-6.2	-8.4	4.2	28.3
	Industri lain	13.5	-22.2	9.4	8.9	11.1	8.6	26.8	13.4	-27.3	-9.7	5.8
139	Pembuatan tekstil lain	8.7	-3.7	-1.2	3.0	-3.6	-1.0	9.8	-1.8	0.5	-4.7	1.7
	13910 Pembuatan fabrik dikait dan dikrusye	9.1	-2.3	-0.2	-4.3	5.7	2.2	10.0	-0.9	0.8	-2.6	-0.1
	Industri lain	8.5	-4.5	-1.8	7.5	-8.8	-3.0	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	-11.1	5.1	-7.6	10.8	-8.7	-0.8
	14102 Pembuatan pakaian	1.2	-8.5	3.5	0.2	7.5	-12.1	4.3	-9.1	11.3	-7.8	-2.8
	Industri lain	14.4	-2.4	5.3	3.9	0.1	-4.1	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	-16.1	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	-19.0	-2.6	-3.3	4.6	-15.1	-1.9
152	Pembuatan kasut	-3.9	-9.0	-6.3	5.7	0.2	5.7	1.6	-10.2	0.3	-3.9	-2.5
	15201 Pembuatan kasut kulit											
	&											
	15203 Pembuatan kasut getah	-4.4	-11.4	-1.0	8.9	-0.6	4.2	0.6	-12.0	3.7	-9.5	-1.8
	Industri lain	-2.7	-3.9	-16.6	-1.4	2.3	9.4	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	-25.1	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.	Mei	Jun	Jul.	
-3.8	-0.4	1.9	2.8	2.7	3.7	-9.1	7.5	-18.2	-0.9	-2.9	5.1	-7.3	2.3	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	9.0	-8.6	3.6	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	9.9	-8.9	4.5	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	-1.2	-4.0	-6.4	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	0.7	1.8	0.8	Other industry
-2.1	0.3	-3.2	8.2	4.3	-1.4	-9.3	-9.1	-5.5	-5.0	3.3	-9.0	6.5	3.1	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	3.2	0.8	0.3	Pineapple canning
2.1	7.1	8.5	-3.2	9.7	-2.4	1.4	-4.0	-18.7	-6.1	17.8	6.1	3.7	-1.8	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	3.4	-2.7	-3.7	Other industry
3.9	13.5	-6.4	1.7	3.4	9.8	-3.6	-2.1	-0.5	-3.8	-12.8	21.8	0.9	14.0	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	21.3	6.3	4.7	-1.7	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	-0.03	1.6	-19.6	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	-0.4	1.9	-22.3	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	3.3	-1.1	3.5	Other industry
-2.5	-1.9	3.9	3.3	1.0	-3.0	-2.0	-0.1	1.5	10.4	-1.2	5.5	-7.1	1.9	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	5.4	-11.9	2.7	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	6.2	-2.5	1.6	Other industry
0.1	-5.9	-0.5	-2.7	0.5	2.0	1.2	2.9	-6.5	7.3	3.2	-6.3	-1.0	-6.4	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	2.3	-3.8	0.9	Rice milling
-0.2	6.3	-1.7	2.4	7.5	-5.1	0.2	-8.3	-4.4	5.3	0.2	5.4	-4.3	6.2	Flour milling
-3.8	2.6	6.8	1.8	-0.5	0.8	2.7	6.3	-1.4	-0.3	5.0	-0.2	0.6	1.4	Other industry
-6.6	0.5	-4.4	-0.1	6.7	-4.2	0.3	-7.1	1.9	-2.7	0.9	2.7	-5.8	1.2	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	10.8	-7.8	2.0	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	-5.9	-13.7	0.8	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	4.0	-3.4	-2.7	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	1.3	-15.4	3.6	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	3.1	-4.6	1.6	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	1.5	1.4	1.8	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	36.0	-2.0	-0.7	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	-6.2	-0.8	10.8	Manufacture of prepared animal feeds
-0.8	14.6	3.2	-2.0	13.9	-9.1	0.1	-7.7	6.4	5.7	-2.0	-10.1	0.5	13.7	Manufacture of sauces and condiments
-1.7	11.6	1.2	-2.9	6.1	0.5	0.1	-0.1	9.8	-2.3	2.2	-5.5	0.2	0.4	Manufacture of other food products n.e.c.
-7.4	-3.8	13.3	-5.9	5.9	3.9	0.7	1.2	-17.4	24.1	-10.2	1.1	-3.5	9.5	Other industry
-25.8	1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-0.8	16.3	-18.2	2.0	-22.8	0.6	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	9.9	-6.7	-4.4	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	3.3	-4.1	-4.2	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	29.8	-13.1	-5.0	Other industry
-2.1	9.7	10.7	-21.3	28.5	-5.6	0.9	14.0	4.6	-12.2	14.2	4.7	-2.4	-6.2	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	0.9	-0.9	1.3	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	2.8	-2.5	0.6	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	-0.4	0.3	1.9	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	-5.5	-9.0	18.1	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	-8.1	-9.7	19.4	Other industry
-4.3	9.3	-7.9	1.1	-2.9	14.7	-1.4	-0.9	-6.9	7.1	-11.7	12.3	-5.0	10.8	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	-6.2	-1.3	5.9	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	-2.6	-8.2	7.1	Other industry
-0.9	-4.6	2.6	-6.2	2.3	10.4	0.1	-3.5	1.8	-2.0	9.3	-1.9	-3.9	-4.9	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	-1.7	-1.3	-6.8	Manufacture of clothings
-8.3	-6.4	-4.8	-3.4	-1.6	4.7	3.0	-4.5	3.2	3.9	11.0	-2.5	-10.0	-0.1	Other industry
-18.0	4.0	42.8	-6.0	10.0	-2.4	0.1	5.5	-1.1	16.7	-14.1	-24.6	-17.8	3.5	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	Q2	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	-32.9	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	-37.7	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	-30.0	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	-34.6	11.2	-0.4	9.1	-23.4	-20.5
	Industri lain	9.1	-17.7	-1.4	0.4	4.0	-5.3	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	-3.9	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	-1.9	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	-2.6	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	-2.5	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	-9.7	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	-7.1	5.9	10.1	-7.6	8.8	-19.1
	Industri lain	8.9	3.7	7.5	-4.1	2.9	3.1	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	-5.6	0.8	-0.4	-0.5	-2.4	-6.3
18110	Percetakan	4.8	-4.3	3.2	7.8	4.7	-4.8	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	-9.7	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	5.0	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	-8.8	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	-5.4	0.7	-0.6	13.6	4.2	1.6
20112 & 20113	Pembuatan kimia organik asas	11.0	-2.1	3.8	-4.1	13.8	-12.7	7.6	-2.4	0.4	7.3	-8.1
20121 & 20129	Pembuatan sebatian bukan organik	-10.2	2.4	-9.4	-3.0	18.9	-0.9	-7.9	-6.1	27.7	-11.1	-0.7
20121 & 20129	Pembuatan baja	1.7	-6.4	6.5	-10.0	4.5	-14.1	5.8	-6.8	4.1	-9.9	2.0
20131	Pembuatan produk campuran nitrogen	8.0	2.7	3.0	-2.0	24.6	24.3	17.2	-9.9	0.1	5.5	1.6
20131	Pembuatan plastik dalam bentuk primer											
	Industri lain											
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	7.0	-6.9	4.2	-5.2	3.7	-5.8	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	-6.4	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	-12.0	18.1	-15.2	17.8	-12.3	-0.4
20222	Pembuatan dakwat cetak	22.1	-5.7	1.9	-8.2	5.1	1.9	22.8	-11.1	9.7	-0.1	-6.2
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	5.8	-8.3	9.7	-13.5	7.0	-5.8	17.5	-20.0	4.9	-7.1	3.9
20231 & 20232	Pembuatan pewangi dan penyediaan dandanan diri											
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	-3.7	2.7	6.3	10.3	0.9	3.4	4.5	-13.7	8.8	-0.1	4.4
20292 & 20299	Pembuatan dakwat menulis dan melukis											
20299	Pembuatan produk kimia lain t.t.t.l.	-16.7	-19.3	28.1	-0.1	-3.7	-14.7	-18.4	-9.3	-0.3	-22.7	11.2
	Industri lain											
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	6.9	-1.5	2.8	-3.9	8.8	1.0	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	1.9	3.8	5.2	7.6	-1.4	-14.3
	Industri lain	8.4	-9.6	25.4	0.0	-4.4	-3.1	12.2	0.04	0.5	-13.9	-2.2
221	Pembuatan produk getah	8.1	12.6	-8.0	-1.2	5.7	6.9	7.1	-8.6	34.4	0.6	-5.2
22111	Pembuatan tayar getah untuk kenderaan	-5.0	18.0	-5.8	0.0	-6.5	8.1	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	3.7	3.9	-9.7	13.0	-6.6	7.8
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-2.3	2.7	5.4	3.0	-13.5	1.9	0.02	-10.9	14.7	-0.8	-0.2
22191 & 22193	Pengilangan semula getah dan prosesan susu getah											
22192	Pembuatan sarung tangan getah	11.8	15.5	-11.4	-1.2	10.2	8.4	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	0.2	6.1	-11.4	8.5	-1.6	-0.7
222	Pembuatan produk plastik	-4.7	12.5	-1.2	-0.9	-7.6	7.3	-4.7	-4.0	10.7	9.5	1.3
22201 & 22202	Pembuatan produk plastik separa siap	-2.9	10.3	-5.0	1.8	-4.6	4.3	-2.3	-5.9	14.4	3.5	3.3
22201 & 22202	Pembuatan produk plastik siap											
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-4.7	17.7	-1.0	-5.5	-8.8	13.5	-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	9.3	-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	7.6	-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	0.9	-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	-0.8	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.	Mei	Jun	Jul.	
-12.9	5.5	30.8	13.0	8.1	-1.9	-1.0	10.0	-7.6	10.8	-19.8	-24.0	-14.5	6.4	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	-28.7	-18.3	1.3	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	-18.3	-12.8	9.3	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	-20.3	-11.2	20.8	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	-18.0	-4.6	6.2	Other industry
-1.5	3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8	2.0	1.1	-7.9	-2.6	5.3	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	-0.7	2.2	3.5	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	-8.8	-0.1	7.0	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	-16.1	4.7	9.5	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	-12.3	-14.6	2.3	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	-19.7	-2.0	10.9	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	7.6	1.8	2.9	Other industry
2.4	5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2	-1.5	-1.8	-5.2	1.9	3.6	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	-6.2	2.7	3.9	Printing
-3.8	6.5	-3.4	-10.0	0.8	27.2	-4.5	-4.9	1.4	-8.7	-4.2	0.8	-2.7	1.4	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	-7.9	23.6	2.4	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	-10.6	-2.0	5.8	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	-17.2	-1.7	-6.8	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	-15.0	-8.0	13.7	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	-3.7	4.8	-7.3	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	-7.8	7.3	0.4	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	3.0	-0.8	-1.1	Other industry
-0.9	2.5	3.7	-2.4	-3.8	0.5	-4.1	6.6	-0.8	1.3	-7.3	2.7	-2.2	4.1	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	7.8	-0.9	-3.9	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	-0.6	-3.5	1.0	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	-0.1	-0.8	10.8	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	6.3	-2.7	6.7	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	3.0	-0.7	6.3	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	-25.6	3.0	9.7	Other industry
17.7	-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1	5.9	-3.0	-10.3	15.8	-2.8	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	-10.3	16.6	-4.2	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	-10.8	12.0	3.6	Other industry
-3.4	1.2	-8.8	2.0	5.9	-6.5	-2.1	5.4	-9.1	33.4	-2.3	-7.0	-4.6	3.9	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	-2.3	7.2	9.1	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	6.2	3.4	-2.2	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	-1.6	-6.8	3.5	11.87	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	-8.1	-6.7	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	-0.1	0.5	2.5	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	-5.5	-10.5	6.3	Manufacture of plastics products
														Manufacture of semi-manufactures of plastic products
-7.4	1.9	-4.0	-0.5	4.0	2.0	-5.2	-1.6	-5.5	11.2	1.4	0.4	-7.2	1.0	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	-4.3	-11.2	9.6	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	-1.8	-7.6	3.5	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	-6.3	-3.8	7.3	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	-13.0	-17.1	7.5	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	-5.6	-3.9	6.5	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	Q2	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	-10.1	8.6	-5.4	6.6	-7.2	-8.1
23911	Pembuatan mortar refraktori dan konkrit											
&												
23921	Pembuatan seramik bukan refraktori	3.4	-11.1	4.2	11.2	7.2	-12.0	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	-3.3	-9.0	-3.8	-5.2	9.4	1.7
23941	Pembuatan simen hidrolik	13.6	-11.1	-5.0	4.4	13.3	-15.8	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	-13.8	7.1	-5.2	7.2	-8.5	-9.5
23952	Pembuatan konkrit pratuangan, simen atau artikel batu											
&	buatan yang digunakan dalam pembinaan;											
23953	Pembuatan komponen struktur pasang siap untuk bangunan	16.5	-11.2	0.1	3.6	14.8	-8.1	12.6	-9.5	5.8	-5.6	-10.7
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan											
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.											
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.6	-4.3	-0.9	-2.7	4.4	3.3	2.1	1.8	10.0	-12.8	9.0
	Industri lain	2.7	-10.6	5.5	4.9	8.5	-7.4	5.6	-1.2	-9.2	2.3	-6.2
241												
(24101 &												
24102 &												
24103 &												
24104 &												
24109)												
242												
(24201 &												
24202 &												
24209)												
243	Pengacuan logam	6.7	-0.7	-3.7	2.2	-0.2	2.1	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	-3.7	5.0	-4.9	1.9	1.1	-7.8
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan											
&	pintu pagar daripada logam	12.5	-3.0	-11.3	7.7	10.0	-3.7	6.6	-5.1	-0.6	2.4	-5.8
25119	Pembuatan produk struktur logam lain											
25120	Pembuatan tangki, takungan dan kontena daripada logam	5.5	-2.5	-19.5	1.3	12.4	-3.7	1.1	-4.1	9.0	-1.3	-13.3
	Industri lain	-0.9	-12.0	-5.1	-0.5	1.2	-3.7	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	-1.2	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	2.2	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	-0.2	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	-1.9	1.3	-10.6	10.4	-0.4	-11.8
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan											
&	artikel seumpamanya daripada logam	12.4	-0.1	-6.8	4.3	9.7	0.4	5.0	-2.1	8.0	0.9	-7.1
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya											
25994	Pembuatan barangan rumah daripada logam	7.2	-0.1	-5.1	4.3	0.4	1.4	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	-6.5	-0.7	-18.1	18.3	5.1	-19.1
	Industri lain	2.9	3.7	8.4	2.8	-2.3	4.2	-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	-3.5	-5.8	14.7	18.8	-23.0	12.0
26101	Pembuatan diod, transistor dan alatan semikonduktor yang											
&	seumpamanya	5.9	-0.3	11.7	-9.5	7.5	-3.6	-10.2	14.5	25.2	-26.4	13.1
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro											
26103	Pembuatan kapasitor dan perintang elektrik											
&												
26104	Pembuatan papan litar bercetak	4.5	-2.2	3.9	-6.4	11.8	-1.2	-1.6	17.8	11.8	-18.6	8.0
&												
26105	Pembuatan komponen paparan											
26109	Pembuatan komponen lain untuk aplikasi elektronik	11.3	2.2	19.4	8.5	-9.3	-16.1	13.9	-1.6	4.4	-16.8	31.0
262												
(26201 &												
26202)												
263/												
26300	Pembuatan peralatan komunikasi	1.6	23.0	8.5	-11.9	-10.1	4.2	-12.1	1.5	13.0	-11.4	40.5
264/												
26400	Pembuatan peralatan elektronik pengguna	-10.2	6.4	17.1	-14.7	-10.4	23.9	-4.8	2.6	9.0	-16.5	25.0
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-6.7	-1.1	22.7	9.0	-9.8	-8.6	-5.7	-7.0	11.5	-19.0	21.0
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah											
&	dan kawalan	-5.1	-0.2	23.1	9.1	-10.7	-9.4	-4.9	-6.6	12.1	-19.4	22.3
26512	Pembuatan kelengkapan kawalan proses perindustrian											
26520	Pembuatan jam tangan dan jam dan bahagiannya	-19.9	-10.2	18.1	8.8	-0.5	-0.6	-12.5	-10.3	6.3	-15.0	8.3
266/												
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	1.6	-17.3	1.2	11.5	8.6	-14.6	16.0	-18.8	10.1	-16.4	9.5

(%)

2025														Group Description/Period
Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
-0.5	3.6	-0.1	-2.4	-2.9	9.1	3.7	7.8	-5.1	7.4	-6.4	-8.9	-2.9	3.5	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	-4.6	-7.8	11.7	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	0.8	-8.5	6.5	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	-13.4	-11.0	7.7	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	-11.0	-6.3	7.8	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	-8.9	4.8	-1.7	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	1.1	1.2	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	-3.9	-19.6	-2.8	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	-14.4	-4.9	-1.4	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	-17.7	-11.8	-4.2	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	-12.1	0.9	-1.1	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	-8.5	1.5	-11.0	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
2.3	-13.2	3.1	1.8	-3.1	4.9	15.4	1.3	-4.5	1.7	2.4	-9.0	1.5	-14.0	Manufacture of metal doors, windows and their frames, shutters and gates
12.1	-18.6	-0.7	-9.8	4.2	4.7	4.0	8.6	-2.1	2.5	-0.5	-7.4	2.6	-3.1	Manufacture of other structural metal products
-5.7	1.7	-3.3	-0.5	-1.5	3.3	0.9	-1.2	1.0	0.3	0.5	-0.3	-13.5	5.7	Manufacture of tanks, reservoirs and containers of metal
1.6	-1.4	2.4	-1.0	3.2	-0.2	8.5	1.0	-4.4	7.5	2.2	-10.4	1.8	-1.9	Other industry
1.6	1.6	3.9	-5.4	5.6	-1.1	1.4	-0.9	-3.8	4.8	3.7	-5.9	2.0	3.7	Manufacture of other fabricated metal products; metal working service activities
16.7	-15.5	5.4	5.1	3.5	0.1	8.2	5.5	1.4	8.4	-0.1	-15.7	17.1	-18.9	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-5.3	-4.1	4.1	1.1	3.9	-3.8	14.6	-1.5	-7.9	11.0	-0.9	-4.8	-5.7	5.9	Treatment and coating of metals; machining
-1.5	-4.0	3.9	-5.9	2.9	1.9	8.8	4.2	-3.3	3.8	2.3	-6.1	2.9	0.7	Manufacture of tins and cans for food products, collapsible tubes and boxes
5.6	-10.1	4.4	-1.9	1.7	2.5	2.3	-0.9	-0.6	-1.8	4.9	0.6	-7.1	5.1	Manufacture of metal cable, plaited bands and similar articles
1.2	11.8	-3.1	3.8	1.7	-1.5	11.1	-2.3	-9.2	11.0	5.4	-19.2	-6.1	1.6	Manufacture of bolts, screws, nuts and similar threaded products
3.7	9.1	0.9	-3.2	2.3	6.6	-5.3	-6.6	3.7	11.0	0.0	-7.8	4.6	-11.1	Manufacture of metal household articles
6.8	-8.9	11.5	8.5	-14.9	1.9	-3.9	-6.0	15.4	17.8	-20.9	4.5	6.3	-4.8	Manufacture of any other fabricated metal products n.e.c.
10.6	-7.9	11.0	5.6	-14.9	-1.3	0.3	-10.4	16.4	24.2	-24.5	6.6	5.6	-1.1	Other industry
2.6	-11.2	12.9	9.8	-16.8	9.0	-11.4	2.3	15.8	12.2	-15.5	1.1	8.6	-9.6	Manufacture of electronic components and boards
-1.4	-4.1	7.6	29.5	-6.2	-7.1	2.4	-10.3	5.4	-4.4	-18.4	7.1	-1.7	-9.7	Manufacture of diodes, transistors and similar semiconductor devices
2.0	0.8	-1.5	-38.5	33.1	-11.9	14.2	9.5	6.6	-0.7	34.3	-14.9	-1.4	0.0	Manufacture of electronic integrated circuits micro assemblies
1.2	-9.2	10.1	1.2	-19.9	10.4	-3.2	-11.9	-3.3	9.9	-15.1	19.3	9.1	-9.2	Manufacture of electrical capacitors and resistors
6.7	3.1	5.0	-4.5	-7.3	-6.9	-6.5	-17.7	11.2	25.1	-14.6	27.6	8.1	1.9	Manufacture of printed circuit boards
6.1	-1.1	14.0	8.4	-0.9	1.0	-1.5	-4.6	-11.4	9.3	-17.0	8.7	6.6	0.7	Manufacture of display components
6.7	-2.1	14.6	9.5	-1.3	0.4	-1.3	-6.0	-11.5	11.3	-19.2	9.2	7.3	-0.2	Manufacture of other components for electronic applications
-0.6	11.4	7.5	-3.6	4.3	8.7	-3.8	10.5	-10.7	-9.8	7.8	4.0	0.7	8.6	Manufacture of computers and peripheral equipment
-18.3	4.1	15.5	-5.5	5.2	8.8	-2.1	12.2	-4.0	-5.7	-9.2	5.9	-13.5	3.9	Manufacture of communication equipment
														Manufacture of consumer electronics
														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
														Manufacture of watches and clocks and parts
														Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	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	1.9	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	8.5	-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	8.8	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	8.4	-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	10.8	-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	9.9	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	3.9	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	11.0	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	0.3	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	-0.7	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	-0.9	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	-6.9	-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	9.2	-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	6.1	-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	8.3	-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	8.2	-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	16.4	-13.4	-11.9	10.5	21.6	-9.7
		-6.5	2.9	0.4	12.1	-4.5	8.2	-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	-4.8	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	-1.4	-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	6.9	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	-5.3	-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	-1.7	-3.5	-10.6	11.1	-5.7	-3.0
30910	Pembuatan motosikal	2.1	-5.1	-3.9	4.4	6.4	2.6	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	-1.3	5.9	-17.6	17.8	-3.5	2.4
	Industri lain	-14.9	-7.0	-1.7	6.6	-17.0	-5.2	-13.2	-4.9	15.4	-9.4	-8.4
310	Pembuatan perabot	7.3	-21.9	-5.6	31.4	7.4	-22.0	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	-24.4	6.8	-3.1	17.4	-23.1	-2.1
	Industri lain	0.7	-19.0	-6.8	34.1	0.8	-19.2	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	10.8	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	17.5	-2.2	0.3	-2.5	11.3	7.6
32901	Pembuatan alat tulis	2.0	16.4	1.8	-9.3	1.5	9.5	1.2	-6.5	10.3	10.4	1.0
	Industri lain	-7.2	7.0	-14.4	-2.9	7.2	20.4	-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	5.3	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	16.5	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	-11.7	-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	-11.4	-2.5	-1.3	29.8	1.2	-36.2
	Industri lain	-2.0	-15.1	-0.6	15.8	1.9	-12.0	-1.3	-5.3	14.0	-6.8	-23.9
Jumlah Pembuatan		-0.9	1.5	4.1	-0.3	-1.3	1.0	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.	Mei	Jun	Jul.	
-8.7	12.6	5.1	-0.4	19.7	-1.3	-3.1	2.1	-5.6	6.3	-9.5	25.0	-15.6	9.6	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	4.9	-3.5	7.7	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	8.4	-2.6	3.4	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	3.7	-3.8	9.2	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	9.0	-4.2	3.7	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	9.6	-1.9	9.5	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	8.8	-5.3	6.2	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	10.7	-1.8	10.4	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	-3.0	-2.3	-0.9	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	9.2	-10.0	26.3	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	-10.2	15.3	0.8	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	2.9	2.2	0.5	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	17.4	-4.0	0.8	-8.3	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	1.7	-1.6	-7.1	Manufacture of fluid power equipment
2.1	-9.4	0.7	-4.0	4.1	15.3	3.5	-6.2	5.7	-10.3	15.1	-3.0	4.3	-8.8	Manufacture of other pumps, compressors, taps and valves
-8.5	-21.6	18.3	-4.7	10.7	10.6	4.7	-4.5	-6.9	-6.4	24.9	-9.9	-1.8	-22.4	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-6.7	-7.7	-8.1	20.9	1.7	17.0	2.5	-13.0	-19.9	0.9	33.1	-9.8	2.1	-4.0	Manufacture of metal-forming machinery and machine tools
1.6	-2.5	4.4	-1.7	5.8	9.5	-1.6	-4.4	-2.3	-1.3	9.1	1.7	-0.7	-1.0	Manufacture of air-conditioning machines, including for motor vehicles
-27.0	25.9	3.5	-21.1	28.9	-0.8	0.1	-12.5	-7.3	-5.1	5.5	4.3	-20.0	29.7	Manufacture of other special-purpose machinery n.e.c.
8.7	9.7	-7.7	6.3	25.6	9.1	-9.2	7.2	-35.1	15.6	1.9	1.0	7.4	16.1	Other industry
-22.6	30.8	-0.6	-10.4	-0.9	7.2	-4.6	-6.6	-2.5	-4.3	7.7	9.7	-9.0	27.3	Manufacture of motor vehicles
-9.6	-5.8	-2.4	18.3	26.2	8.5	-2.4	-0.9	-6.2	10.6	2.7	-19.3	3.5	-6.4	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
1.0	-3.9	0.3	2.1	7.0	2.5	-7.0	-7.2	-5.6	17.0	-5.4	-3.1	-7.3	-3.7	Manufacture of parts and accessories for motor vehicles
-2.4	3.8	-5.9	-8.6	5.6	14.5	-6.0	-1.0	-3.0	28.9	-11.9	3.3	-6.4	4.3	Building of ships and boats
3.1	-12.2	7.3	-3.8	12.1	7.6	-6.4	-3.2	-14.0	4.4	6.0	0.5	-14.9	-18.6	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
2.2	-4.6	1.1	11.5	5.5	-5.7	-7.9	-13.1	-2.6	14.9	-5.5	-9.6	-3.9	-2.9	Manufacture of motorcycles
-27.5	5.5	8.5	17.6	10.3	5.8	2.0	2.5	-3.8	12.7	-20.6	0.8	-25.2	6.5	Manufacture of bicycles and invalid carriages
-28.6	7.8	15.4	8.0	8.6	10.1	2.9	4.1	-1.3	15.4	-24.1	0.3	-27.3	10.4	Other industry
-26.4	3.3	1.4	28.7	11.9	1.8	1.0	0.8	-6.4	9.5	-16.5	1.4	-23.0	2.6	Manufacture of furniture
1.1	-8.9	0.0	11.4	-11.1	5.4	-1.5	9.6	-14.0	-4.4	18.0	2.3	1.5	-6.6	Manufacture of wooden and cane furniture
-15.0	-2.5	-2.0	5.2	-9.9	4.3	0.0	1.0	0.4	8.4	11.7	6.3	-13.1	-2.8	Other industry
1.2	3.5	-0.2	-8.0	-0.8	-8.1	7.0	-0.3	-4.0	8.6	6.8	0.6	-5.7	-3.6	Manufacture of jewellery, bijouterie and related articles
-20.1	-4.8	-2.8	11.0	-13.2	9.5	-2.5	1.5	2.1	8.4	13.5	8.2	-15.4	-2.5	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-20.8	-3.1	-0.1	-6.1	-2.9	16.9	6.5	10.4	-1.8	4.3	13.0	-17.0	8.9	-6.6	Manufacture of stationery
-12.4	3.9	0.9	-3.5	-5.1	-8.6	-7.8	3.1	-4.9	9.4	8.7	5.6	-3.1	10.9	Other industry
2.8	-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9	22.3	-2.7	-28.9	-1.3	-2.8	Manufacture of sports goods
0.6	-4.0	17.8	35.1	-6.9	10.0	-6.9	-2.8	-3.4	31.0	1.4	-39.3	2.9	2.4	Manufacture of games and toys
4.3	-4.0	6.7	19.0	2.7	0.5	-4.5	1.3	-2.6	16.2	-6.0	-19.9	-4.0	-6.5	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.4	-1.1	1.6	0.8	Repair and maintenance of transport equipment except motorcycles and bicycles
														Other industry
0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.1	7.3	-2.4	-1.1	1.6	0.8	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	Q3
101	Pemprosesan dan pengawetan daging	14,664	15,265	14,966	14,548	15,288
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,342	17,394	17,616	17,657	17,410
10201 & 10202	Pengetinan ikan, krustasea dan moluska					
	Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,485	14,280	14,642	14,690	14,245
	Industri lain	2,857	3,114	2,974	2,967	3,165
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,127	9,524	10,789	10,401	9,719
10303 & 10304	Pengetinan nanas	570	540	583	567	548
	Pembuatan jem, marmalad dan sajian jeli					
	Industri lain	9,557	8,984	10,206	9,834	9,172
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,888	92,217	89,298	90,516	91,201
10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis	4,477	4,782	4,604	4,666	4,772
	Pembuatan sebatian lemak masakan					
10405	Pembuatan minyak kelapa	2,631	2,653	2,669	2,665	2,662
	Industri lain	82,779	84,782	82,025	83,184	83,767
105	Pembuatan produk tenusu	13,874	14,135	14,144	14,003	14,208
10502	Pembuatan susu pekat, tepung dan sejat	9,858	9,963	10,197	9,969	10,041
	Industri lain	4,017	4,172	3,947	4,034	4,167
106	Pembuatan produk bijian, kanji dan produk	11,538	11,591	11,325	11,202	11,819
10611	Pengilangan beras	5,400	5,524	5,438	5,309	5,715
10613	Pengilangan tepung	5,223	5,236	4,992	5,005	5,243
	Industri lain	915	831	895	888	860
107	Pembuatan produk makanan lain	141,851	146,141	142,155	142,049	146,602
10711	Pembuatan biskut dan cookies	14,889	15,052	14,430	14,578	15,291
10712	Pembuatan roti, kek dan produk bakeri lain	33,814	35,131	33,618	34,421	35,535
10713	Pembuatan produk snek	9,620	9,845	9,581	9,671	9,904
10721	Pembuatan gula	1,836	1,829	1,829	1,829	1,810
10731	Pembuatan produk koko	2,644	2,405	2,569	2,403	2,380
10732	Pembuatan coklat dan produk coklat					
& 10733	Pembuatan konfeksi gula	8,634	8,716	8,682	8,562	8,665
10793	Pembuatan sos dan bahan perasa	13,437	15,091	13,873	13,438	14,959
10799	Pembuatan produk makanan lain t.t.t.l.	18,153	18,807	18,596	18,293	18,994
	Industri lain	38,825	39,266	38,979	38,855	39,064
108/ 10800	Pembuatan makanan haiwan tersedia	13,666	13,914	13,947	13,790	13,652
110	Pembuatan minuman ringan	16,805	17,239	17,129	17,336	16,952
11041	Pembuatan minuman ringan	10,717	11,025	10,884	11,080	10,826
11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,111	4,234	4,247	4,238	4,176
	Industri lain	1,976	1,981	1,998	2,018	1,951
120/ 12000	Pembuatan produk tembakau	1,259	1,278	1,331	1,251	1,274
131	Pemintalan, penenunan dan penyiapan tekstil	13,207	13,753	13,470	13,726	13,878
13110 & 13120	Penyediaan dan pemintalan gentian tekstil	9,168	9,339	9,433	9,611	9,309
	Penenunan tekstil					
13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,592	3,928	3,568	3,638	4,074
	Industri lain	447	486	469	478	495
139	Pembuatan tekstil lain	15,096	14,845	14,854	14,914	14,920
13910	Pembuatan fabrik dikait dan dikrusye	5,531	5,465	5,407	5,552	5,483
	Industri lain	9,564	9,380	9,447	9,361	9,436
141	Pembuatan pakaian, kecuali pakaian berbulu	43,688	43,092	44,375	43,995	43,208
14102	Pembuatan pakaian	31,863	31,431	32,580	32,287	31,514
	Industri lain	11,825	11,661	11,795	11,708	11,693
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,093	1,050	1,099	1,095	1,106
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,808	5,752	5,680	5,579	5,856
152	Pembuatan kasut	7,071	7,415	7,209	7,280	7,285
15201 & 15203	Pembuatan kasut kulit	3,719	3,741	3,731	3,729	3,682
	Pembuatan kasut getah					
	Industri lain	3,352	3,674	3,478	3,551	3,603
161/ 16100	Pengilangan dan pengetaman kayu	24,448	24,600	24,271	24,178	24,415

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
15,265	15,194	15,419	14,629	15,400	Processing and preserving of meat
17,394	17,537	17,397	17,485	17,485	Processing and preserving of fish, crustaceans and molluscs
					Canning of fish, crustaceans and molluscs
14,280	14,459	14,352	14,481	14,392	Processing, curing and preserving of fish, crustacean and molluscs
3,114	3,077	3,045	3,004	3,093	Other industry
9,524	9,754	9,843	10,171	9,748	Processing and preserving of fruits and vegetable
					Pineapple canning
540	548	512	566	511	Manufacture of jams, marmalades and table jellies
8,984	9,207	9,331	9,606	9,237	Other industry
92,217	91,634	93,020	91,435	93,879	Manufacture of vegetable and animal oils and fats
					Manufacture of crude and refined vegetable oil
4,782	4,828	4,838	4,668	4,803	Manufacture of compound cooking fats
2,653	2,697	2,683	2,672	2,683	Manufacture of coconut oil
84,782	84,109	85,498	84,096	86,392	Other industry
14,135	14,370	14,183	14,033	14,143	Manufacture of dairy products
9,963	10,234	10,057	9,989	10,055	Manufacture of condensed, powdered and evaporated milk
4,172	4,136	4,126	4,044	4,088	Other industry
11,591	11,929	11,728	11,092	11,646	Manufacture of grain mill products, starches and starch products
5,524	5,767	5,601	5,282	5,529	Rice milling
5,236	5,353	5,325	4,918	5,323	Flour milling
831	809	801	892	794	Other industry
146,141	145,892	145,186	143,903	146,379	Manufacture of other food products
15,052	14,532	14,608	15,020	15,158	Manufacture of biscuits and cookies
35,131	35,044	35,656	35,257	36,831	Manufacture of bread, cakes and other bakery products
9,845	9,868	9,852	9,737	9,832	Manufacture of snack products
1,829	1,838	1,878	1,822	1,875	Manufacture of sugar
2,405	2,424	2,364	2,392	2,361	Manufacture of cocoa products
					Manufacture of chocolate and chocolate products
8,716	8,804	8,693	8,652	8,638	Manufacture of sugar confectionery
15,091	15,459	14,564	13,612	14,548	Manufacture of sauces and condiments
18,807	18,268	17,958	18,634	17,570	Manufacture of other food products n.e.c.
39,266	39,653	39,613	38,776	39,567	Other industry
13,914	14,351	13,945	13,759	13,883	Manufacture of prepared animal feeds
17,239	17,602	17,930	17,274	17,903	Manufacture of beverages
11,025	11,123	11,345	11,046	11,331	Manufacture of soft drinks
4,234	4,446	4,580	4,228	4,593	Production of natural mineral waters and other bottled waters
1,981	2,033	2,004	2,001	1,979	Other industry
1,278	1,343	1,271	1,245	1,262	Manufacture of tobacco products
13,753	13,746	13,911	13,822	13,750	Spinning, weaving and finishing of textiles
					Preparation and spinning of textile fibres
9,339	9,391	9,487	9,492	9,419	Weaving of textiles
3,928	3,883	3,963	3,869	3,904	Dyeing, bleaching, printing and finishing of yarns and fabrics
486	472	461	461	427	Other industry
14,845	14,628	14,795	14,725	14,918	Manufacture of other textiles
5,465	5,276	5,456	5,493	5,587	Manufacture of knitted and crocheted fabrics
9,380	9,353	9,339	9,232	9,332	Other industry
43,092	44,747	44,104	43,602	43,879	Manufacture of wearing apparel, except fur apparel
31,431	32,810	32,435	32,059	32,645	Manufacture of clothings
11,661	11,936	11,669	11,543	11,234	Other industry
1,050	1,056	1,020	1,091	1,026	Manufacture of articles of fur, knitted and crocheted apparel
5,752	5,682	5,668	5,615	5,641	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,415	7,457	7,332	7,210	7,391	Manufacture of footwear
					Manufacture of leather footwear
3,741	3,600	3,606	3,667	3,610	Manufacture of rubber footwear
3,674	3,857	3,726	3,543	3,780	Other industry
24,600	24,358	24,955	23,901	24,630	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	Jul.	Ogo.	Sep.
101	Pemprosesan dan pengawetan daging		14,832	14,925	14,966	14,891	14,941	14,548	14,629	14,631	15,288
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska		17,808	17,743	17,616	17,849	17,864	17,657	17,485	17,199	17,410
	10201 & 10202	Pengetinan ikan, krustasea dan moluska									
		Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,874	14,747	14,642	14,851	14,874	14,690	14,481	14,025	14,245
		Industri lain	2,934	2,996	2,974	2,998	2,990	2,967	3,004	3,173	3,165
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran		10,503	10,712	10,789	10,740	10,497	10,401	10,171	10,041	9,719
	10303 & 10304	Pengetinan nanas									
		Pembuatan jem, marmalad dan sajian jeli	546	601	583	587	563	567	566	554	548
		Industri lain	9,957	10,112	10,206	10,152	9,933	9,834	9,606	9,487	9,172
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan		89,773	89,390	89,298	89,531	89,947	90,516	91,435	91,307	91,201
	10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis									
		Pembuatan sebatian lemak masakan	4,426	4,588	4,604	4,690	4,682	4,666	4,668	4,796	4,772
	10405	Pembuatan minyak kelapa	2,669	2,673	2,669	2,669	2,672	2,665	2,672	2,669	2,662
		Industri lain	82,678	82,129	82,025	82,172	82,592	83,184	84,096	83,842	83,767
105	Pembuatan produk tenusu		14,023	13,937	14,144	14,160	14,266	14,003	14,033	14,216	14,208
	10502	Pembuatan susu pekat, tepung dan sejat	10,060	9,972	10,197	10,182	10,273	9,969	9,989	10,093	10,041
		Industri lain	3,962	3,964	3,947	3,978	3,993	4,034	4,044	4,123	4,167
106	Pembuatan produk bijian, kanji dan produk		11,615	11,351	11,325	11,255	11,224	11,202	11,092	11,254	11,819
	10611	Pengilangan beras	5,492	5,517	5,438	5,395	5,381	5,309	5,282	5,391	5,715
	10613	Pengilangan tepung	5,226	4,940	4,992	4,977	4,967	5,005	4,918	4,996	5,243
		Industri lain	897	893	895	882	876	888	892	866	860
107	Pembuatan produk makanan lain		143,476	142,916	142,155	143,154	143,362	142,049	143,903	145,642	146,602
	10711	Pembuatan biskut dan cookies	14,944	14,786	14,430	14,408	14,575	14,578	15,020	15,159	15,291
	10712	Pembuatan roti, kek dan produk bakeri lain	34,029	34,078	33,618	34,687	34,712	34,421	35,257	35,470	35,535
	10713	Pembuatan produk snek	9,784	9,626	9,581	9,574	9,624	9,671	9,737	9,713	9,904
	10721	Pembuatan gula	1,839	1,843	1,829	1,825	1,831	1,829	1,822	1,816	1,810
	10731	Pembuatan produk koko	2,653	2,647	2,569	2,530	2,420	2,403	2,392	2,376	2,380
	10732 & 10733	Pembuatan coklat dan produk coklat									
		Pembuatan konfeksi gula	8,761	8,708	8,682	8,613	8,638	8,562	8,652	8,555	8,665
	10793	Pembuatan sos dan bahan perasa	13,754	13,723	13,873	13,897	13,753	13,438	13,612	14,912	14,959
	10799	Pembuatan produk makanan lain t.t.t.l.	18,611	18,669	18,596	18,544	18,562	18,293	18,634	18,605	18,994
		Industri lain	39,100	38,836	38,979	39,074	39,246	38,855	38,776	39,036	39,064
108/ 10800	Pembuatan makanan haiwan tersedia		13,905	13,915	13,947	13,963	13,983	13,790	13,759	13,873	13,652
110	Pembuatan minuman ringan		17,041	17,045	17,129	17,275	17,289	17,336	17,274	16,922	16,952
	11041	Pembuatan minuman ringan	10,808	10,787	10,884	10,989	11,000	11,080	11,046	10,761	10,826
	11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,259	4,262	4,247	4,260	4,280	4,238	4,228	4,169	4,176
		Industri lain	1,974	1,996	1,998	2,026	2,009	2,018	2,001	1,992	1,951
120/ 12000	Pembuatan produk tembakau		1,272	1,320	1,331	1,256	1,245	1,251	1,245	1,179	1,274
131	Pemintalan, penenunan dan penyiapan tekstil		13,152	13,122	13,470	13,587	13,871	13,726	13,822	13,831	13,878
	13110 & 13120	Penyediaan dan pemintalan gentian tekstil									
		Penenunan tekstil	9,112	9,092	9,433	9,591	9,748	9,611	9,492	9,391	9,309
	13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,588	3,577	3,568	3,527	3,629	3,638	3,869	3,963	4,074
		Industri lain	453	453	469	469	494	478	461	477	495
139	Pembuatan tekstil lain		15,312	14,871	14,854	14,866	15,028	14,914	14,725	14,903	14,920
	13910	Pembuatan fabrik dikait dan dikrusye	5,594	5,391	5,407	5,422	5,596	5,552	5,493	5,557	5,483
		Industri lain	9,717	9,480	9,447	9,444	9,432	9,361	9,232	9,346	9,436
141	Pembuatan pakaian, kecuali pakaian berbulu		44,103	44,189	44,375	44,187	44,384	43,995	43,602	42,641	43,208
	14102	Pembuatan pakaian	32,271	32,361	32,580	32,374	32,615	32,287	32,059	31,071	31,514
		Industri lain	11,831	11,828	11,795	11,813	11,769	11,708	11,543	11,570	11,693
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	1,091	1,077	1,106
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	5,615	5,690	5,856
152	Pembuatan kasut		7,181	7,270	7,209	7,186	7,291	7,280	7,210	7,175	7,285
	15201 & 15203	Pembuatan kasut kulit									
		Pembuatan kasut getah	3,827	3,802	3,731	3,687	3,730	3,729	3,667	3,684	3,682
		Industri lain	3,354	3,467	3,478	3,499	3,560	3,551	3,543	3,492	3,603
161/ 16100	Pengilangan dan pengetaman kayu		24,204	23,918	24,271	24,315	24,708	24,178	23,901	24,645	24,415

2025										Group Description/Period
Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
15,250	15,222	15,265	15,393	15,084	15,194	15,359	15,392	15,419	15,400	Processing and preserving of meat
17,140	17,155	17,394	17,626	17,532	17,537	17,582	17,455	17,397	17,485	Processing and preserving of fish, crustaceans and molluscs
										Canning of fish, crustaceans and molluscs
14,105	14,014	14,280	14,536	14,434	14,459	14,496	14,381	14,352	14,392	Processing, curing and preserving of fish, crustacean and molluscs
3,035	3,141	3,114	3,091	3,098	3,077	3,086	3,074	3,045	3,093	Other industry
9,640	9,541	9,524	9,750	9,859	9,754	9,806	9,762	9,843	9,748	Processing and preserving of fruits and vegetable
										Pineapple canning
540	541	540	516	551	548	543	517	512	511	Manufacture of jams, marmalades and table jellies
9,100	9,000	8,984	9,234	9,308	9,207	9,263	9,245	9,331	9,237	Other industry
91,158	91,778	92,217	92,195	91,940	91,634	91,381	91,901	93,020	93,879	Manufacture of vegetable and animal oils and fats
										Manufacture of crude and refined vegetable oil
4,796	4,781	4,782	4,913	4,839	4,828	4,829	4,848	4,838	4,803	Manufacture of compound cooking fats
2,666	2,653	2,653	2,716	2,705	2,697	2,689	2,693	2,683	2,683	Manufacture of coconut oil
83,696	84,344	84,782	84,565	84,396	84,109	83,863	84,360	85,498	86,392	Other industry
14,158	14,173	14,135	14,075	13,947	14,370	14,394	14,261	14,183	14,143	Manufacture of dairy products
9,973	9,984	9,963	9,888	9,888	10,234	10,271	10,178	10,057	10,055	Manufacture of condensed, powdered and evaporated milk
4,185	4,189	4,172	4,187	4,059	4,136	4,123	4,084	4,126	4,088	Other industry
11,766	11,709	11,591	11,764	12,013	11,929	11,833	11,737	11,728	11,646	Manufacture of grain mill products, starches and starch products
5,664	5,567	5,524	5,667	5,800	5,767	5,711	5,669	5,601	5,529	Rice milling
5,264	5,311	5,236	5,277	5,401	5,353	5,325	5,273	5,325	5,323	Flour milling
838	832	831	820	812	809	797	796	801	794	Other industry
147,073	146,711	146,141	147,147	146,959	145,892	146,911	146,998	145,186	146,379	Manufacture of other food products
15,210	15,171	15,052	14,876	14,490	14,532	14,421	14,596	14,608	15,158	Manufacture of biscuits and cookies
35,386	35,309	35,131	35,255	35,051	35,044	35,964	35,938	35,656	36,831	Manufacture of bread, cakes and other bakery products
9,945	9,978	9,845	9,832	9,837	9,868	9,838	9,814	9,852	9,832	Manufacture of snack products
1,801	1,804	1,829	1,829	1,827	1,838	1,860	1,851	1,878	1,875	Manufacture of sugar
2,388	2,395	2,405	2,495	2,501	2,424	2,484	2,365	2,364	2,361	Manufacture of cocoa products
										Manufacture of chocolate and chocolate products
8,744	8,722	8,716	8,799	8,890	8,804	8,995	8,945	8,693	8,638	Manufacture of sugar confectionery
15,112	15,117	15,091	15,478	15,504	15,459	15,404	15,446	14,564	14,548	Manufacture of sauces and condiments
18,956	18,867	18,807	19,169	19,224	18,268	18,279	18,209	17,958	17,570	Manufacture of other food products n.e.c.
39,529	39,349	39,266	39,415	39,636	39,653	39,666	39,834	39,613	39,567	Other industry
13,783	13,833	13,914	14,303	14,308	14,351	14,340	14,026	13,945	13,883	Manufacture of prepared animal feeds
17,086	17,043	17,239	17,468	17,505	17,602	17,684	17,778	17,930	17,903	Manufacture of beverages
10,910	10,888	11,025	11,044	11,044	11,123	11,072	11,202	11,345	11,331	Manufacture of soft drinks
4,210	4,208	4,234	4,394	4,425	4,446	4,580	4,582	4,580	4,593	Production of natural mineral waters and other bottled waters
1,966	1,947	1,981	2,030	2,037	2,033	2,032	1,994	2,004	1,979	Other industry
1,275	1,265	1,278	1,287	1,333	1,343	1,276	1,262	1,271	1,262	Manufacture of tobacco products
13,731	13,762	13,753	13,724	13,545	13,746	13,978	14,217	13,911	13,750	Spinning, weaving and finishing of textiles
										Preparation and spinning of textile fibres
9,268	9,317	9,339	9,331	9,156	9,391	9,519	9,781	9,487	9,419	Weaving of textiles
3,977	3,960	3,928	3,914	3,909	3,883	3,977	3,954	3,963	3,904	Dyeing, bleaching, printing and finishing of yarns and fabrics
486	486	486	479	480	472	482	482	461	427	Other industry
14,929	14,857	14,845	14,939	14,588	14,628	14,689	14,898	14,795	14,918	Manufacture of other textiles
5,468	5,466	5,465	5,462	5,267	5,276	5,405	5,496	5,456	5,587	Manufacture of knitted and crocheted fabrics
9,461	9,391	9,380	9,478	9,321	9,353	9,284	9,402	9,339	9,332	Other industry
42,549	42,804	43,092	44,431	44,600	44,747	44,495	44,547	44,104	43,879	Manufacture of wearing apparel, except fur apparel
30,938	31,195	31,431	32,641	32,597	32,810	32,683	32,820	32,435	32,645	Manufacture of clothings
11,610	11,609	11,661	11,790	12,003	11,936	11,812	11,726	11,669	11,234	Other industry
1,050	1,056	1,050	1,056	1,056	1,056	1,056	1,062	1,020	1,026	Manufacture of articles of fur, knitted and crocheted apparel
5,851	5,821	5,752	5,750	5,752	5,682	5,708	5,757	5,668	5,641	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,370	7,426	7,415	7,411	7,541	7,457	7,406	7,331	7,332	7,391	Manufacture of footwear
										Manufacture of leather footwear
3,726	3,768	3,741	3,733	3,739	3,600	3,571	3,545	3,606	3,610	Manufacture of rubber footwear
3,644	3,658	3,674	3,677	3,802	3,857	3,835	3,786	3,726	3,780	Other industry
24,524	24,631	24,600	24,491	24,804	24,358	25,187	25,532	24,955	24,630	Sawmilling and planning of wood

Jadual
Table

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

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
70,057	68,130	69,146	70,073	69,743	Manufacture of products of wood, cork, straw and plaiting materials
40,672	39,443	40,112	39,783	40,900	Manufacture of veneer sheets and plywood
7,176	7,063	7,072	7,247	7,030	Manufacture of particle board and fibreboard
8,510	8,583	8,485	9,432	8,409	Manufacture of builders' carpentry
13,699	13,041	13,477	13,611	13,404	Other industry
59,633	60,020	58,085	57,797	58,119	Manufacture of paper and paper products
9,576	10,133	9,523	8,789	9,477	Manufacture of pulp, paper and paperboard
23,067	22,980	21,969	22,431	21,905	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,717	1,706	1,661	1,684	1,675	Manufacture of envelopes and letter-card
11,109	10,904	10,929	10,703	11,063	Manufacture of household and personal hygiene paper
7,557	7,923	7,679	7,892	7,626	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,608	6,372	6,325	6,298	6,373	Other industry
71,820	68,785	68,940	68,063	68,713	Printing, service activities related to printing and reproduction of recorded media
58,927	56,515	56,687	55,378	56,311	Printing
12,894	12,270	12,253	12,686	12,402	Service activities related to printing
					Reproduction of recorded media
18,556	19,016	18,692	18,405	18,843	Manufacture of refined petroleum products
50,231	51,313	50,781	48,889	50,290	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
7,272	7,183	7,059	6,966	6,827	Manufacture of liquefied or compressed inorganic industrial or medical gases
20,199	20,662	20,402	19,587	20,347	Manufacture of basic organic chemicals
7,085	7,357	7,340	7,312	7,284	Manufacture of inorganic compounds
12,111	12,456	12,389	11,633	12,220	Manufacture of fertilizers
3,564	3,655	3,590	3,391	3,613	Manufacture of associated nitrogen products
54,191	54,781	53,664	54,842	53,744	Manufacture of plastics in primary forms
5,093	5,055	4,979	4,683	4,951	Other industry
9,564	9,659	9,030	9,601	9,046	Manufacture of other chemical products and man-made fibres
5,680	5,816	5,845	5,658	5,830	Manufacture of pesticides and other agrochemical products
19,182	19,893	19,740	19,639	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
14,430	14,106	13,816	14,991	13,638	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
					Manufacture of writing and drawing ink
240	252	254	270	251	Manufacture of other chemical products n.e.c.
28,795	27,877	28,717	28,554	29,225	Manufacture of pharmaceuticals, medicinal chemical and botanical products
20,296	19,334	20,177	19,739	20,517	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,498	8,543	8,541	8,815	8,708	Other industry
114,605	111,798	106,685	111,326	107,258	Manufacture of rubber products
6,537	6,501	6,162	6,623	6,279	Manufacture of rubber tyres for vehicles
2,468	2,498	2,435	2,515	2,486	Manufacture of interchangeable tyre treads and retreading rubber tyres
17,566	17,409	17,231	19,159	17,092	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
					Rubber remilling and latex processing
55,571	53,566	50,254	52,129	50,253	Manufacture of rubber gloves
32,463	31,824	30,603	30,899	31,148	Manufacture of other rubber products n.e.c.
167,831	167,103	167,717	169,568	170,917	Manufacture of plastics products
38,825	38,877	38,914	38,716	38,893	Manufacture of semi-manufactures of plastic products
					Manufacture of finished plastic products
54,379	53,935	54,193	53,356	54,048	Manufacture of plastic articles for the packing of goods
3,865	3,814	3,816	3,715	3,766	Manufacture of builders' plastics ware
14,407	14,215	13,932	14,794	13,925	Manufacture of plastic tableware, kitchenware and toilet articles
56,355	56,262	56,863	58,987	60,285	Manufacture of diverse plastic products n.e.c.
21,793	21,450	21,311	21,729	21,537	Manufacture of glass and glass products

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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	Jul.	Ogo.	Sep.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	69,268	69,320	67,760	68,578	69,747	69,742	70,073	68,634	69,343
16211	Pembuatan kepingan venier dan papan lapis	38,924	38,998	37,829	38,048	38,937	39,264	39,783	39,326	40,119
16212	Pembuatan papan partikel dan papan gentian	6,921	7,077	7,008	7,012	7,314	7,317	7,247	7,212	7,236
16221	Pertukangan kayu untuk jurubina	9,739	9,692	9,627	9,597	9,564	9,443	9,432	8,803	8,782
	Industri lain	13,684	13,554	13,296	13,921	13,932	13,719	13,611	13,293	13,206
170	Pembuatan kertas dan produk kertas	59,457	59,910	59,848	59,082	58,102	58,041	57,797	58,093	58,867
17010	Pembuatan pulpa, kertas dan kertas tebal	9,333	9,357	9,297	9,276	8,772	8,753	8,789	9,065	9,061
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	22,431	22,563	23,039
17091	Pembuatan sampul surat dan kad surat	1,768	1,768	1,715	1,686	1,689	1,675	1,684	1,686	1,678
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	11,397	11,420	11,361	11,332	10,884	10,882	10,703	10,679	11,097
	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	7,892	7,607	7,541
	Industri lain	6,134	6,127	6,215	6,137	6,182	6,137	6,298	6,492	6,450
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	68,570	68,558	68,381	67,899	68,016	68,032	68,063	69,364	69,023
	18110 Percetakan	56,145	56,099	56,011	55,475	55,460	55,417	55,378	56,784	56,714
	18120 Aktiviti perkhidmatan berkaitan percetakan									
	&									
	18200 Penerbitan semula media rakaman	12,424	12,460	12,370	12,423	12,556	12,615	12,686	12,580	12,309
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	18,245	18,511	18,821	18,538	18,340	18,324	18,405	18,459	18,286
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	48,889	49,439	49,178
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	6,966	6,982	7,043
20112 & 20113	Pembuatan kimia organik asas	19,246	19,452	19,676	19,831	19,624	19,527	19,587	19,840	19,761
	Pembuatan sebatian bukan organik									
20121 & 20129	Pembuatan baja	7,363	7,360	7,397	7,569	7,336	7,327	7,312	7,335	7,130
	Pembuatan produk campuran nitrogen									
20131	Pembuatan plastik dalam bentuk primer	11,738	11,855	11,866	11,907	11,882	11,793	11,633	11,844	11,811
	Industri lain	3,337	3,350	3,377	3,388	3,379	3,377	3,391	3,439	3,432
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	55,744	55,915	56,350	55,798	55,900	55,669	54,842	54,795	53,680
20210	Pembuatan racun perosak dan produk agrokimia lain	4,655	4,629	4,643	4,672	4,700	4,691	4,683	4,877	5,005
20221	Pembuatan cat, varnis dan penyadur dan mastik	9,854	9,874	10,133	9,749	9,712	9,706	9,601	9,565	9,419
20222	Pembuatan dakwat cetak	5,968	5,957	6,068	6,110	6,084	6,094	5,658	5,679	5,704
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	19,489	19,756	19,883	19,773	19,937	19,772	19,639	19,758	19,131
	Pembuatan pewangi dan penyediaan dandanan diri									
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials									
20292 & 20299	Pembuatan dakwat menulis dan melukis	15,505	15,419	15,334	15,211	15,187	15,132	14,991	14,661	14,181
	Pembuatan produk kimia lain t.t.t.l.									
	Industri lain	273	280	288	282	280	273	270	255	240
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	27,305	27,303	27,334	28,522	28,114	28,060	28,554	29,409	29,377
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	19,739	20,583	20,577
	Industri lain	8,446	8,472	8,576	8,652	8,730	8,662	8,815	8,826	8,801
221	Pembuatan produk getah	116,188	115,900	115,414	114,288	113,842	110,997	111,326	114,375	115,321
22111	Pembuatan tayar getah untuk kenderaan	6,834	6,787	6,761	6,860	6,825	6,736	6,623	6,577	6,586
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2,571	2,581	2,566	2,554	2,550	2,490	2,515	2,468	2,479
22191 & 22193	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	19,159	18,060	17,804
	Pengilangan semula getah dan prosesan susu getah									
22192	Pembuatan sarung tangan getah	55,205	55,242	54,956	53,407	53,068	51,979	52,129	55,182	55,956
22199	Pembuatan produk getah lain yang t.t.t.l.	32,736	32,329	32,134	32,251	32,266	30,578	30,899	32,088	32,496
222	Pembuatan produk plastik	164,713	164,009	163,740	166,306	167,104	165,999	169,568	167,163	167,284
22201 & 22202	Pembuatan produk plastik separa siap	38,153	38,275	37,765	39,064	39,436	38,681	38,716	38,939	39,040
22203	Pembuatan produk plastik siap									
22203	Pembuatan artikel plastik untuk pembungkusan barangan	53,552	53,375	53,214	53,721	53,690	53,279	53,356	53,552	54,387
22204	Pembuatan barangan plastik jurubina	3,729	3,699	3,699	3,744	3,761	3,752	3,715	3,717	3,784
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	14,657	14,639	14,756	14,733	14,719	14,749	14,794	14,759	14,397
22209	Pembuatan pelbagai produk plastik t.t.t.l.	54,622	54,021	54,306	55,045	55,499	55,539	58,987	56,196	55,677
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	20,798	20,939	21,080	21,294	22,204	22,378	21,729	22,497	22,541

2025										Group Description/Period
Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
69,794	70,816	70,057	69,229	69,120	68,130	68,629	69,239	69,146	69,743	Manufacture of products of wood, cork, straw and plaiting materials
40,254	41,213	40,672	39,933	39,997	39,443	39,548	40,220	40,112	40,900	Manufacture of veneer sheets and plywood
7,276	7,186	7,176	7,131	7,097	7,063	7,059	7,047	7,072	7,030	Manufacture of particle board and fibreboard
8,725	8,726	8,510	8,648	8,653	8,583	8,552	8,513	8,485	8,409	Manufacture of builders' carpentry
13,539	13,692	13,699	13,517	13,373	13,041	13,470	13,459	13,477	13,404	Other industry
59,728	59,564	59,633	59,654	60,260	60,020	59,355	58,296	58,085	58,119	Manufacture of paper and paper products
9,270	9,229	9,576	9,918	10,185	10,133	10,139	9,577	9,523	9,477	Manufacture of pulp, paper and paperboard
23,335	23,261	23,067	22,959	23,031	22,980	22,347	22,036	21,969	21,905	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,689	1,717	1,717	1,722	1,713	1,706	1,709	1,686	1,661	1,675	Manufacture of envelopes and letter-card
11,253	11,151	11,109	11,012	10,952	10,904	10,907	10,922	10,929	11,063	Manufacture of household and personal hygiene paper
7,548	7,469	7,557	7,534	7,909	7,923	7,909	7,750	7,679	7,626	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,633	6,737	6,608	6,509	6,469	6,372	6,344	6,323	6,325	6,373	Other industry
70,855	71,857	71,820	68,958	69,056	68,785	68,776	69,074	68,940	68,713	Printing, service activities related to printing and reproduction of recorded media
58,114	59,102	58,927	56,528	56,685	56,515	56,463	56,644	56,687	56,311	Printing
12,741	12,755	12,894	12,430	12,371	12,270	12,312	12,430	12,253	12,402	Service activities related to printing
										Reproduction of recorded media
18,537	18,614	18,556	18,603	18,857	19,016	18,861	18,622	18,692	18,843	Manufacture of refined petroleum products
49,911	50,235	50,231	50,397	50,981	51,313	51,425	51,049	50,781	50,290	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
7,079	7,277	7,272	7,264	7,198	7,183	7,136	7,126	7,059	6,827	Manufacture of liquefied or compressed inorganic industrial or medical gases
20,165	20,135	20,199	20,107	20,619	20,662	20,782	20,475	20,402	20,347	Manufacture of basic organic chemicals
										Manufacture of inorganic compounds
7,175	7,235	7,085	7,166	7,158	7,357	7,425	7,362	7,340	7,284	Manufacture of fertilizers
11,961	12,070	12,111	12,303	12,410	12,456	12,478	12,484	12,389	12,220	Manufacture of associated nitrogen products
3,531	3,518	3,564	3,558	3,597	3,655	3,603	3,602	3,590	3,613	Manufacture of plastics in primary forms
54,027	54,072	54,191	54,103	54,458	54,781	54,321	53,971	53,664	53,744	Manufacture of other chemical products and man-made fibres
5,099	5,099	5,093	5,057	5,038	5,055	5,061	5,012	4,979	4,951	Manufacture of pesticides and other agrochemical products
9,421	9,467	9,564	9,446	9,491	9,659	9,208	9,080	9,030	9,046	Manufacture of paints, varnishes and similar coatings ink and mastics
5,696	5,692	5,680	5,725	5,709	5,816	5,812	5,845	5,845	5,830	Manufacture of printing ink
19,204	19,218	19,182	19,319	19,766	19,893	20,027	19,878	19,740	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
14,365	14,356	14,430	14,315	14,210	14,106	13,959	13,904	13,816	13,638	Manufacture of writing and drawing ink
										Manufacture of other chemical products n.e.c.
242	239	240	242	245	252	254	253	254	251	Other industry
29,526	28,793	28,795	28,111	27,956	27,877	29,168	28,803	28,717	29,225	Manufacture of pharmaceuticals, medicinal chemical and botanical products
20,622	20,296	20,296	19,555	19,356	19,334	20,641	20,286	20,177	20,517	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,904	8,496	8,498	8,555	8,600	8,543	8,527	8,517	8,541	8,708	Other industry
115,258	114,762	114,605	113,329	112,610	111,798	110,616	109,605	106,685	107,258	Manufacture of rubber products
6,558	6,595	6,537	6,503	6,538	6,501	6,475	6,251	6,162	6,279	Manufacture of rubber tyres for vehicles
2,525	2,471	2,468	2,498	2,507	2,498	2,454	2,435	2,435	2,486	Manufacture of interchangeable tyre treads and retreading rubber tyres
17,692	17,596	17,566	17,430	17,363	17,409	17,317	17,218	17,231	17,092	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
										Rubber remilling and latex processing
55,653	55,575	55,571	54,214	54,046	53,566	52,486	52,075	50,254	50,253	Manufacture of rubber gloves
32,831	32,525	32,463	32,684	32,155	31,824	31,884	31,627	30,603	31,148	Manufacture of other rubber products n.e.c.
167,656	169,184	167,831	168,055	167,549	167,103	169,416	169,093	167,717	170,917	Manufacture of plastics products
38,895	39,045	38,825	38,933	39,006	38,877	39,790	39,761	38,914	38,893	Manufacture of semi-manufactures of plastic products
										Manufacture of finished plastic products
54,824	54,670	54,379	54,219	54,117	53,935	54,775	54,802	54,193	54,048	Manufacture of plastic articles for the packing of goods
3,814	3,855	3,865	3,809	3,826	3,814	3,849	3,838	3,816	3,766	Manufacture of builders' plastics ware
14,434	14,427	14,407	14,318	14,271	14,215	14,199	13,923	13,932	13,925	Manufacture of plastic tableware, kitchenware and toilet articles
55,688	57,187	56,355	56,775	56,328	56,262	56,803	56,768	56,863	60,285	Manufacture of diverse plastic products n.e.c.
22,212	21,936	21,793	21,595	21,469	21,450	21,578	21,467	21,311	21,537	Manufacture of glass and glass products

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
87,598	87,230	87,956	86,462	87,733	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
9,203	9,090	8,877	8,687	8,700	Manufacture of non-refractory ceramic
4,141	4,141	4,020	4,393	4,015	Manufacture of other porcelain and ceramic products
7,458	7,576	7,475	7,453	7,454	Manufacture of hydraulic cement
17,049	16,399	16,734	16,631	17,238	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,738	30,062	30,626	29,628	30,151	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
10,706	10,654	10,878	10,194	10,895	Manufacture of other articles of concrete, cement and plaster n.e.c.
9,303	9,309	9,346	9,477	9,280	Manufacture of other non-metallic mineral products n.e.c. Other industry
59,399	58,976	58,503	57,545	58,580	Manufacture of basic iron and steel
38,810	39,083	38,789	39,520	38,676	Manufacture of basic precious and other non-ferrous metals
14,962	15,638	15,372	15,110	16,077	Casting of metals
62,441	64,114	64,616	61,788	64,485	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition Manufacture of metal doors, windows and their frames, shutters and gates Manufacture of other structural metal products
44,351	45,968	46,275	42,574	46,165	Manufacture of tanks, reservoirs and containers of metal
9,957	9,968	10,217	10,830	10,155	Manufacture of tanks, reservoirs and containers of metal
8,133	8,178	8,124	8,385	8,166	Other industry
106,738	106,125	103,982	104,485	105,085	Manufacture of other fabricated metal products; metal working service activities Forging, pressing, stamping and roll-forming of metal; powder metallurgy
22,871	22,353	22,348	21,836	23,008	Treatment and coating of metals; machining
9,978	9,906	9,282	11,120	9,128	Manufacture of tins and cans for food products, collapsible tubes and boxes
9,196	9,310	9,234	8,500	9,399	Manufacture of metal cable, plaited bands and similar articles
20,968	20,794	20,570	20,722	20,181	Manufacture of bolts, screws, nuts and similar threaded products
3,719	3,631	3,586	3,291	3,576	Manufacture of metal household articles
26,814	26,743	26,007	25,443	26,636	Manufacture of any other fabricated metal products n.e.c.
13,193	13,387	12,955	13,573	13,158	Other industry
233,680	227,985	233,577	227,849	227,966	Manufacture of electronic components and boards Manufacture of diodes, transistors and similar semiconductor devices
126,572	122,600	125,282	122,340	121,248	Manufacture of electronic integrated circuits micro assemblies
					Manufacture of electrical capacitors and resistors
92,833	90,736	93,770	90,764	92,226	Manufacture of printed circuit boards
					Manufacture of display components
14,274	14,649	14,525	14,744	14,493	Manufacture of other components for electronic applications
72,136	72,429	72,763	68,949	72,156	Manufacture of computers and peripheral equipment
27,447	27,716	28,395	26,228	28,415	Manufacture of communication equipment
37,992	36,684	37,602	36,048	37,056	Manufacture of consumer electronics
33,196	32,853	33,763	32,463	33,166	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
25,853	25,796	26,833	25,212	26,160	Manufacture of watches and clocks and parts
7,343	7,057	6,930	7,251	7,006	Manufacture of watches and clocks and parts
12,778	12,412	12,341	11,713	12,078	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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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	Jul.	Ogo.	Sep.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	86,363	84,916	84,706	85,274	84,968	85,089	86,462	86,714	87,310
23911 & 23921	Pembuatan mortar refraktori dan konkrit Pembuatan seramik bukan refraktori	9,260	9,087	9,010	8,955	8,736	8,758	8,687	8,666	8,766
23930	Pembuatan produk porselin dan seramik lain	4,393	4,317	4,364	4,309	4,295	4,290	4,393	4,506	4,339
23941	Pembuatan simen hidrolik	7,443	7,420	7,153	7,155	7,144	7,107	7,453	7,444	7,396
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	16,968	15,943	16,016	16,009	16,180	16,317	16,631	16,631	16,861
23952 & 23953 & 23959 23990	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. Pembuatan produk mineral bukan logam lain t.t.t.l. Industri lain	29,282	29,152	29,317	29,871	29,460	29,654	29,628	29,646	29,910
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	57,986	57,243	57,788	57,698	57,684	57,789	57,545	57,988	59,261
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	40,581	40,307	40,203	40,069	39,987	39,877	39,520	39,063	38,905
243	Pengacuan logam	14,965	15,266	15,168	15,143	15,031	14,518	15,110	14,842	14,935
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	61,110	60,874	61,607	61,490	61,185	61,803	61,788	62,466	62,170
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam Pembuatan produk struktur logam lain	42,022	41,860	42,492	42,482	41,995	42,637	42,574	44,220	43,590
25120	Pembuatan tangki, takungan dan kontena daripada logam	10,690	10,717	10,676	10,702	10,805	10,801	10,830	9,784	10,249
	Industri lain	8,397	8,297	8,440	8,306	8,385	8,364	8,385	8,461	8,331
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	105,606	105,475	105,871	105,095	105,356	103,981	104,485	106,778	106,362
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	22,075	21,429	21,514	21,480	21,533	21,169	21,836	22,644	22,873
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,827	11,836	12,241	11,687	11,536	11,264	11,120	10,059	9,981
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	8,517	8,362	8,434	8,367	8,408	8,385	8,500	9,275	9,129
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam Pembuatan bolt, skru, nat dan produk uliran seumpamanya	21,450	21,472	21,381	21,310	21,337	21,100	20,722	21,494	21,283
25994	Pembuatan barangan rumah daripada logam	3,600	3,604	3,559	3,525	3,525	3,309	3,291	3,283	3,346
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l. Industri lain	25,376 12,762	25,452 13,320	25,516 13,226	25,654 13,072	25,800 13,216	25,412 13,343	25,443 13,573	26,484 13,539	26,431 13,320
261	Pembuatan komponen dan papan elektronik	235,495	231,534	230,131	232,987	234,698	235,558	227,849	226,910	234,153
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya Pembuatan litar elektronik bersepadu dengan pemasangan mikro	127,090	125,267	124,881	126,875	126,954	126,870	122,340	120,744	126,335
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik Pembuatan papan litar bercetak Pembuatan komponen paparan	93,640	91,486	90,605	91,549	93,158	93,978	90,764	91,642	93,391
26109	Pembuatan komponen lain untuk aplikasi elektronik	14,765	14,781	14,644	14,563	14,587	14,709	14,744	14,524	14,427
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	67,223	67,423	67,910	67,698	68,606	69,261	68,949	70,250	70,506
263/ 26300	Pembuatan peralatan komunikasi	26,117	25,981	26,073	26,365	26,655	26,616	26,228	27,322	27,355
264/ 26400	Pembuatan peralatan elektronik pengguna	35,644	35,535	35,649	35,077	35,941	35,906	36,048	35,823	37,677
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	32,463	31,941	32,949
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan Pembuatan kelengkapan kawalan proses perindustrian	24,764	24,865	24,815	24,941	25,412	26,080	25,212	24,764	25,495
26520	Pembuatan jam tangan dan jam dan bahagiannya	7,059	7,076	7,196	7,111	7,177	7,252	7,251	7,177	7,454
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	12,273	12,234	12,236	12,194	12,228	12,264	11,713	12,231	12,643

2025										Group Description/Period
Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
87,672	87,890	87,598	87,966	86,992	87,230	88,079	87,790	87,956	87,733	Manufacture of non-metallic mineral products n.e.c.
										Manufacture of refractory mortars and concretes
9,124	9,217	9,203	9,092	9,052	9,090	9,075	8,830	8,877	8,700	Manufacture of non-refractory ceramic
4,264	4,203	4,141	4,120	4,175	4,141	4,113	4,085	4,020	4,015	Manufacture of other porcelain and ceramic products
7,447	7,433	7,458	7,546	7,522	7,576	7,556	7,546	7,475	7,454	Manufacture of hydraulic cement
16,995	17,029	17,049	17,406	16,335	16,399	16,626	16,654	16,734	17,238	Manufacture of ready-mix and dry-mix concrete and mortars
										Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,912	29,863	29,738	29,834	29,939	30,062	30,737	30,494	30,626	30,151	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.
10,621	10,710	10,706	10,710	10,651	10,654	10,594	10,882	10,878	10,895	Manufacture of other non-metallic mineral products n.e.c.
9,309	9,435	9,303	9,257	9,318	9,309	9,379	9,298	9,346	9,280	Other industry
59,210	59,230	59,399	59,693	59,073	58,976	58,802	58,249	58,503	58,580	Manufacture of basic iron and steel
38,737	38,672	38,810	39,036	39,199	39,083	39,266	39,054	38,789	38,676	Manufacture of basic precious and other non-ferrous metals
15,124	15,027	14,962	15,413	15,472	15,638	15,618	15,635	15,372	16,077	Casting of metals
62,012	61,028	62,441	62,982	62,509	64,114	64,243	64,049	64,616	64,485	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
43,783	42,859	44,351	44,578	44,207	45,968	45,744	45,612	46,275	46,165	Manufacture of metal doors, windows and their frames, shutters and gates
										Manufacture of other structural metal products
10,059	10,031	9,957	10,084	10,084	9,968	10,262	10,240	10,217	10,155	Manufacture of tanks, reservoirs and containers of metal
8,170	8,138	8,133	8,319	8,218	8,178	8,237	8,197	8,124	8,166	Other industry
105,783	105,541	106,738	106,763	106,922	106,125	105,875	105,662	103,982	105,085	Manufacture of other fabricated metal products; metal working service activities
22,714	22,477	22,871	23,149	23,136	22,353	22,651	22,670	22,348	23,008	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
9,846	9,858	9,978	9,939	9,957	9,906	9,427	9,250	9,282	9,128	Treatment and coating of metals; machining
9,276	9,172	9,196	9,285	9,298	9,310	9,289	9,267	9,234	9,399	Manufacture of tins and cans for food products, collapsible tubes and boxes
										Manufacture of metal cable, plaited bands and similar articles
21,048	21,058	20,968	20,987	20,906	20,794	20,683	20,662	20,570	20,181	Manufacture of bolts, screws, nuts and similar threaded products
3,397	3,720	3,719	3,693	3,684	3,631	3,671	3,592	3,586	3,576	Manufacture of metal household articles
26,191	26,050	26,814	26,539	26,633	26,743	26,929	26,975	26,007	26,636	Manufacture of any other fabricated metal products n.e.c.
13,312	13,207	13,193	13,172	13,307	13,387	13,226	13,245	12,955	13,158	Other industry
235,253	234,726	233,680	229,185	227,464	227,985	231,371	232,974	233,577	227,966	Manufacture of electronic components and boards
126,803	126,374	126,572	123,421	121,495	122,600	124,648	124,585	125,282	121,248	Manufacture of diodes, transistors and similar semiconductor devices
										Manufacture of electronic integrated circuits micro assemblies
										Manufacture of electrical capacitors and resistors
94,057	93,998	92,833	91,316	91,498	90,736	92,089	93,803	93,770	92,226	Manufacture of printed circuit boards
										Manufacture of display components
14,392	14,354	14,274	14,448	14,471	14,649	14,634	14,586	14,525	14,493	Manufacture of other components for electronic applications
71,060	71,993	72,136	71,506	71,516	72,429	72,115	73,205	72,763	72,156	Manufacture of computers and peripheral equipment
27,547	27,650	27,447	27,607	27,562	27,716	27,922	28,027	28,395	28,415	Manufacture of communication equipment
37,418	39,362	37,992	37,411	37,212	36,684	36,001	36,965	37,602	37,056	Manufacture of consumer electronics
33,281	33,287	33,196	32,857	32,926	32,853	33,092	33,054	33,763	33,166	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
25,902	25,908	25,853	25,686	25,772	25,796	26,186	26,209	26,833	26,160	Manufacture of measuring, testing, navigating and control equipment
										Manufacture of industrial process control equipment
7,380	7,379	7,343	7,171	7,154	7,057	6,906	6,845	6,930	7,006	Manufacture of watches and clocks and parts
12,718	12,748	12,778	12,502	12,524	12,412	12,353	12,316	12,341	12,078	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	Q3
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,915	5,497	5,855	5,740	5,570
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,800	44,383	43,055	42,848	44,686
27101	Pembuatan motor elektrik, penjana dan transformer	18,737	18,922	18,827	18,933	19,612
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,064	25,460	24,229	23,915	25,074
272/ 27200	Pembuatan bateri dan akumulator	8,671	8,321	8,775	8,692	8,475
273	Pembuatan pendawaian dan peranti pendawaian	23,530	24,520	23,981	23,726	24,056
27310	Pembuatan kabel gentian optikal	969	1,029	968	1,024	1,000
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	20,980	21,902	21,442	21,105	21,431
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,581	1,590	1,571	1,597	1,626
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,934	4,115	4,007	4,013	4,079
275/ 27500	Pembuatan perkakasan domestik	14,766	13,735	15,468	15,175	13,892
279/ 27900	Pembuatan kelengkapan elektrik lain	7,709	7,919	7,630	7,587	7,752
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	93,994	95,294	94,976	96,215	95,747
28120 & 28130	Pembuatan alat-alat kuasa bendalir	6,346	5,407	5,958	5,873	5,807
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	22,811
28192	Pembuatan jentera pembentukan logam dan alatan mesin					
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	8,842	8,679	9,010	8,691	8,631
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	8,427	8,710	8,529	8,573	8,588
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	47,621	49,485	48,558	49,329	49,910
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,665	25,223	24,734	24,577	25,268
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,712	9,114	8,387	8,169	9,168
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,237	53,458	51,853	54,479	53,321
301 (30110 & 30120)	Pembinaan kapal dan bot	15,257	15,041	15,150	14,917	14,779
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	29,049	29,938	29,451	29,677	30,152
30910	Pembuatan motosikal	12,956	13,901	13,186	13,109	13,747
30920	Pembuatan basikal dan invalid carriages	1,579	1,707	1,485	1,617	1,673
	Industri lain	14,514	14,330	14,780	14,951	14,732
310	Pembuatan perabot	81,979	83,470	83,395	83,335	83,263
31001	Pembuatan perabot kayu dan rotan	62,863	64,306	63,535	63,632	63,849
	Industri lain	19,116	19,163	19,861	19,703	19,415
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,665	4,813	5,726	5,462	5,162
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,203	29,262	28,288	28,153	29,219
32901	Pembuatan alat tulis	6,097	6,181	5,999	5,863	6,226
	Industri lain	22,107	23,081	22,289	22,291	22,993
323/ 32300	Pembuatan barangan sukan	2,108	1,931	2,351	2,382	1,978
324/ 32400	Pembuatan permainan dan mainan	4,999	4,998	4,963	4,975	4,918
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	43,843	43,938	44,429	43,757	43,700
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,256	7,227	7,560	7,478	7,331
	Industri lain	36,587	36,711	36,869	36,278	36,369
Jumlah Pembuatan		2,374,557	2,398,863	2,363,344	2,369,595	2,391,104

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
5,497	5,592	5,622	5,603	5,600	Manufacture of optical instruments, photographic equipment, magnetic and optical media
44,383	44,288	43,852	44,533	45,162	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
18,922	19,080	19,041	19,092	18,590	Manufacture of electric motors, generators and transformers
25,460	25,208	24,810	25,441	26,572	Manufacture of electricity distribution and control apparatus
8,321	8,038	7,822	8,581	7,627	Manufacture of batteries and accumulators
24,520	25,011	24,738	23,515	24,861	Manufacture of wiring and wiring devices
1,029	1,041	1,089	1,005	1,066	Manufacture of fibre optic cables
21,902	22,371	22,059	20,980	22,205	Manufacture of other electronic and electric wires and cables
1,590	1,599	1,590	1,530	1,590	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,115	3,825	3,847	4,098	3,951	Manufacture of electric lighting equipment
13,735	14,072	13,934	14,856	13,539	Manufacture of domestic appliances
7,919	7,898	7,939	7,544	7,903	Manufacture of other electrical equipment
95,294	96,119	97,264	96,394	97,587	Manufacture of general-purpose and special-purpose machinery
5,407	5,344	5,510	5,911	5,490	Manufacture of fluid power equipment
					Manufacture of other pumps, compressors, taps and valves
23,013	23,041	22,877	23,517	22,607	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
8,679	8,827	8,287	8,579	8,308	Manufacture of metal-forming machinery and machine tools
8,710	8,879	8,912	8,604	8,950	Manufacture of air-conditioning machines, including for motor vehicles
49,485	50,028	51,679	49,783	52,231	Manufacture of other special-purpose machinery n.e.c.
					Other industry
25,223	24,369	23,896	25,052	24,500	Manufacture of motor vehicles
9,114	8,895	8,783	8,274	8,751	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
53,458	51,628	55,872	54,802	56,433	Manufacture of parts and accessories for motor vehicles
15,041	14,642	14,650	14,824	14,629	Building of ships and boats
29,938	30,300	30,189	30,508	30,941	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
13,901	14,223	14,298	14,035	14,837	Manufacture of motorcycles
1,707	1,623	1,663	1,646	1,656	Manufacture of bicycles and invalid carriages
14,330	14,454	14,228	14,827	14,449	Other industry
83,470	83,964	84,736	82,533	84,181	Manufacture of furniture
64,306	64,209	64,814	62,790	64,296	Manufacture of wooden and cane furniture
19,163	19,755	19,923	19,743	19,885	Other industry
4,813	5,002	4,625	5,211	4,408	Manufacture of jewellery, bijouterie and related articles
29,262	29,912	29,584	29,104	30,561	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
6,181	6,223	6,377	5,948	6,506	Manufacture of stationery
23,081	23,689	23,207	23,156	24,054	Other industry
1,931	2,066	2,089	2,395	2,084	Manufacture of sports goods
4,998	4,971	4,896	4,994	4,985	Manufacture of games and toys
43,938	45,100	44,700	44,231	45,478	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
7,227	7,407	7,560	7,530	7,880	Repair and maintenance of transport equipment except motorcycles and bicycles
36,711	37,693	37,139	36,701	37,598	Other industry
2,398,863	2,388,492	2,392,143	2,369,452	2,396,005	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	Jul.	Ogo.	Sep.
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	5,603	5,523	5,570
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,821	43,094	43,055	42,930	43,210	42,848	44,533	44,840	44,686
	27101 Pembuatan motor elektrik, penjana dan transformer	18,722	18,703	18,827	18,875	19,029	18,933	19,092	19,643	19,612
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,099	24,390	24,229	24,055	24,181	23,915	25,441	25,197	25,074
272/ 27200	Pembuatan bateri dan akumulator	8,677	8,792	8,775	8,756	8,793	8,692	8,581	8,622	8,475
273	Pembuatan pendawaian dan peranti pendawaian	23,984	23,927	23,981	23,986	23,985	23,726	23,515	23,985	24,056
	27310 Pembuatan kabel gentian optikal	969	965	968	989	1,003	1,024	1,005	997	1,000
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	21,421	21,374	21,442	21,414	21,400	21,105	20,980	21,356	21,431
	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	1,530	1,632	1,626
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,976	3,872	4,007	3,901	3,938	4,013	4,098	4,076	4,079
275/ 27500	Pembuatan perkakasan domestik	14,858	14,697	15,468	15,379	15,364	15,175	14,856	14,582	13,892
279/ 27900	Pembuatan kelengkapan elektrik lain	7,734	7,657	7,630	7,607	7,617	7,587	7,544	7,739	7,752
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	94,750	95,978	94,976	95,061	94,429	96,215	96,394	96,165	95,747
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	5,997	5,992	5,958	5,974	5,995	5,873	5,911	5,915	5,807
	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	23,517	23,150	22,811
	28220 Pembuatan jentera pembentukan logam dan alatan mesin									
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	9,034	9,039	9,010	9,222	8,700	8,691	8,579	8,498	8,631
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,450 48,070	8,489 48,571	8,529 48,558	8,479 48,373	8,536 48,307	8,573 49,329	8,604 49,783	8,457 50,146	8,588 49,910
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,698	25,619	24,734	24,755	24,536	24,577	25,052	25,521	25,268
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	8,274	9,191	9,168
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,768	53,222	51,853	55,315	54,799	54,479	54,802	53,486	53,321
301 (30110 & 30120)	Pembinaan kapal dan bot	15,401	15,387	15,150	14,962	14,919	14,917	14,824	14,744	14,779
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	30,508	29,643	30,152
	30910 Pembuatan motosikal	12,902	12,857	13,186	13,207	13,124	13,109	14,035	13,241	13,747
	30920 Pembuatan basikal dan invalid carriages Industri lain	1,543 14,882	1,512 14,837	1,485 14,780	1,486 14,798	1,561 15,050	1,617 14,951	1,646 14,827	1,669 14,733	1,673 14,732
310	Pembuatan perabot	82,638	83,028	83,395	85,027	84,819	83,335	82,533	83,277	83,263
	31001 Pembuatan perabot kayu dan rotan Industri lain	62,863 19,775	63,139 19,889	63,535 19,861	65,077 19,951	65,036 19,783	63,632 19,703	62,790 19,743	63,894 19,384	63,849 19,415
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,692	5,546	5,726	5,618	5,685	5,462	5,211	5,226	5,162
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	29,104	29,112	29,219
	32901 Pembuatan alat tulis Industri lain	5,979 22,074	6,015 22,291	5,999 22,289	6,032 22,030	5,838 22,226	5,863 22,291	5,948 23,156	6,190 22,922	6,226 22,993
323/ 32300	Pembuatan barangan sukan	2,156	2,162	2,351	2,402	2,419	2,382	2,395	2,000	1,978
324/ 32400	Pembuatan permainan dan mainan	4,933	4,967	4,963	4,935	4,963	4,975	4,994	4,986	4,918
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	44,231	44,565	43,700
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal Industri lain	7,476 36,983	7,516 36,739	7,560 36,869	7,589 36,559	7,434 36,740	7,478 36,278	7,530 36,701	7,547 37,018	7,331 36,369
Jumlah Pembuatan		2,372,913	2,365,000	2,363,344	2,372,596	2,377,714	2,369,595	2,369,452	2,378,065	2,391,104

2025										Group Description/Period
Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
5,523	5,511	5,497	5,491	5,514	5,592	5,623	5,628	5,622	5,600	Manufacture of optical instruments, photographic equipment, magnetic and optical media
45,552	44,459	44,383	44,245	44,388	44,288	44,027	44,131	43,852	45,162	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
19,480	18,997	18,922	18,974	18,986	19,080	19,097	19,165	19,041	18,590	Manufacture of electric motors, generators and transformers
26,072	25,461	25,460	25,271	25,402	25,208	24,930	24,966	24,810	26,572	Manufacture of electricity distribution and control apparatus
8,458	8,421	8,321	8,587	8,525	8,038	7,991	7,937	7,822	7,627	Manufacture of batteries and accumulators
24,596	24,559	24,520	24,864	24,925	25,011	25,354	25,086	24,738	24,861	Manufacture of wiring and wiring devices
1,023	1,028	1,029	1,029	1,039	1,041	1,052	1,069	1,089	1,066	Manufacture of fibre optic cables
21,947	21,966	21,902	22,245	22,297	22,371	22,717	22,436	22,059	22,205	Manufacture of other electronic and electric wires and cables
1,626	1,565	1,590	1,590	1,590	1,599	1,585	1,580	1,590	1,590	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,121	4,124	4,115	4,003	3,890	3,825	3,817	3,801	3,847	3,951	Manufacture of electric lighting equipment
13,852	13,739	13,735	13,955	13,931	14,072	14,128	14,128	13,934	13,539	Manufacture of domestic appliances
7,784	7,880	7,919	7,942	7,906	7,898	7,881	7,871	7,939	7,903	Manufacture of other electrical equipment
95,906	96,215	95,294	95,709	97,213	96,119	96,343	95,220	97,264	97,587	Manufacture of general-purpose and special-purpose machinery
5,885	5,834	5,407	5,391	5,394	5,344	5,350	5,403	5,510	5,490	Manufacture of fluid power equipment
22,984	23,271	23,013	23,430	24,106	23,041	23,115	22,120	22,877	22,607	Manufacture of other pumps, compressors, taps and valves
8,660	8,654	8,679	8,649	8,844	8,827	8,795	8,757	8,287	8,308	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
8,671	8,698	8,710	8,890	8,890	8,879	8,822	8,856	8,912	8,950	Manufacture of metal-forming machinery and machine tools
49,706	49,758	49,485	49,349	49,979	50,028	50,262	50,084	51,679	52,231	Manufacture of air-conditioning machines, including for motor vehicles
25,835	25,779	25,223	25,179	25,352	24,369	24,530	23,964	23,896	24,500	Manufacture of other special-purpose machinery n.e.c.
8,966	9,013	9,114	9,068	9,076	8,895	8,831	8,895	8,783	8,751	Other industry
53,789	53,205	53,458	53,416	53,068	51,628	55,209	54,699	55,872	56,433	Manufacture of motor vehicles
14,654	14,614	15,041	15,239	14,868	14,642	14,631	14,691	14,650	14,629	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
29,768	30,087	29,938	30,038	30,161	30,300	30,135	30,353	30,189	30,941	Manufacture of parts and accessories for motor vehicles
13,546	13,868	13,901	13,818	13,788	14,223	14,164	14,329	14,298	14,837	Building of ships and boats
1,693	1,711	1,707	1,661	1,655	1,623	1,609	1,661	1,663	1,656	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
14,529	14,509	14,330	14,559	14,718	14,454	14,362	14,363	14,228	14,449	Manufacture of motorcycles
84,130	83,248	83,470	83,647	84,166	83,964	85,455	85,455	84,736	84,181	Manufacture of bicycles and invalid carriages
64,627	63,956	64,306	64,245	64,665	64,209	65,269	65,527	64,814	64,296	Other industry
19,503	19,292	19,163	19,402	19,501	19,755	20,186	19,928	19,923	19,885	Manufacture of furniture
5,225	5,225	4,813	4,793	4,812	5,002	4,888	4,847	4,625	4,408	Manufacture of wooden and cane furniture
29,286	29,317	29,262	29,346	29,856	29,912	29,697	29,431	29,584	30,561	Other industry
6,161	6,169	6,181	6,187	6,239	6,223	6,235	6,273	6,377	6,506	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
23,125	23,148	23,081	23,159	23,617	23,689	23,461	23,158	23,207	24,054	Manufacture of stationery
1,953	1,942	1,931	1,955	1,956	2,066	2,066	2,057	2,089	2,084	Other industry
5,019	5,028	4,998	4,968	5,000	4,971	4,940	4,931	4,896	4,985	Manufacture of sports goods
44,001	43,697	43,938	44,773	45,003	45,100	44,922	45,208	44,700	45,478	Manufacture of games and toys
7,188	7,220	7,227	7,414	7,469	7,407	7,447	7,577	7,560	7,880	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
36,813	36,477	36,711	37,358	37,534	37,693	37,475	37,631	37,139	37,598	Repair and maintenance of transport equipment except motorcycles and bicycles
2,400,072	2,401,839	2,398,863	2,394,984	2,393,664	2,388,492	2,400,435	2,398,447	2,392,143	2,396,005	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			2024				2025				2024	2025	2024		
		2023	2024									(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
				Q1	Q2	Q3	Q4	Q1	Q2							
101	Pemprosesan dan pengawetan daging	7.8	4.1	8.1	1.7	2.9	4.1	1.5	6.0	3.9	5.3	5.9	6.9	8.1		
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.5	0.3	1.3	1.9	0.0	0.3	-0.4	-1.5	0.4	0.0	4.5	1.5	1.3		
	10201 Pengetinan ikan, krustasea dan moluska															
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	2.2	-1.4	-0.5	0.9	-2.1	-1.4	-1.2	-2.3	-2.1	-0.6	3.2	-0.4	-0.5		
	Industri lain	10.7	9.0	11.3	7.3	10.6	9.0	3.5	2.6	14.6	3.0	11.5	11.6	11.3		
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.7	-5.9	2.4	-4.0	-7.2	-5.9	-9.6	-5.4	-5.2	-4.2	1.8	1.5	2.4		
	10303 Pengetinan nanas															
	& 10304 Pembuatan jem, marmalad dan sajian jeli	-8.1	-5.2	2.7	1.2	-3.9	-5.2	-6.1	-9.6	-2.2	-9.7	-3.3	5.9	2.7		
	Industri lain	2.3	-6.0	2.4	-4.3	-7.4	-6.0	-9.8	-5.1	-5.4	-3.8	2.1	1.2	2.4		
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	6.7	2.6	4.5	5.6	1.9	2.6	2.6	2.8	5.4	2.7	5.8	4.4	4.5		
	10404 Pembuatan minyak sayuran mentah dan bertapis															
	& 10406 Pembuatan sebatian lemak masakan	10.5	6.8	11.6	12.7	6.9	6.8	4.9	3.7	12.1	2.9	8.2	12.0	11.6		
	10405 Pembuatan minyak kelapa	3.5	0.8	4.4	4.2	1.1	0.8	1.0	0.7	5.1	0.4	4.7	4.9	4.4		
	Industri lain	6.6	2.4	4.1	5.3	1.7	2.4	2.5	2.8	5.1	2.7	5.7	4.0	4.1		
105	Pembuatan produk tenusu	4.2	1.9	5.8	5.4	3.3	1.9	1.6	1.3	5.0	0.8	4.8	4.3	5.8		
	10502 Pembuatan susu pekat, tepung dan sejat	1.9	1.1	5.4	4.3	2.1	1.1	0.4	0.9	3.6	0.7	3.6	2.9	5.4		
	Industri lain	10.1	3.9	7.0	8.5	6.1	3.9	4.8	2.3	8.5	1.1	7.9	8.1	7.0		
106	Pembuatan produk bijian, kanji dan produk berkanji	3.0	0.5	-0.1	-0.5	2.7	0.5	5.3	4.7	-1.3	5.0	3.2	-0.6	-0.1		
	10611 Pengilangan beras	1.8	2.3	0.3	0.1	6.0	2.3	6.1	5.5	0.1	4.7	2.5	1.1	0.3		
	10613 Pengilangan tepung	6.1	0.2	-0.4	-0.8	0.8	0.2	7.2	6.4	-2.3	8.2	6.1	-1.9	-0.4		
	Industri lain	-5.5	-9.2	-1.6	-2.6	-6.2	-9.2	-9.6	-9.8	-3.6	-11.0	-7.7	-3.6	-1.6		
107	Pembuatan produk makanan lain	8.9	3.0	7.0	6.1	4.4	3.0	2.6	2.2	6.4	1.7	8.3	7.2	7.0		
	10711 Pembuatan biskut dan cookies	2.8	1.1	-2.2	-0.1	3.1	1.1	0.7	0.2	2.6	0.9	0.8	-1.8	-2.2		
	10712 Pembuatan roti, kek dan produk bakeri lain	8.0	3.9	5.6	6.8	6.3	3.9	4.2	3.6	5.8	4.5	7.8	7.6	5.6		
	10713 Pembuatan produk snek	8.8	2.3	8.2	7.9	7.6	2.3	3.0	1.9	9.9	1.0	10.4	8.2	8.2		
	10721 Pembuatan gula	5.3	-0.4	3.9	2.5	-3.6	-0.4	0.5	2.7	2.1	2.9	5.3	5.5	3.9		
	10731 Pembuatan produk koko	3.2	-9.1	1.8	-8.1	-9.7	-9.1	-5.6	-1.6	-8.6	-1.3	3.4	2.1	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	1.5	7.0	-0.2	7.9	9.4	9.5		
	10793 Pembuatan sos dan bahan perasa	16.4	12.3	16.8	12.8	17.8	12.3	11.4	8.4	15.2	6.9	16.8	16.4	16.8		
	10799 Pembuatan produk makanan lain t.t.t.l.	20.0	3.6	20.2	13.2	2.5	3.6	-1.8	-1.8	12.9	-5.7	19.1	20.2	20.2		
	Industri lain	5.6	1.1	3.1	3.2	1.2	1.1	1.7	2.0	3.1	2.0	4.5	2.0	3.1		
108/ 10800	Pembuatan makanan haiwan tersedia	-12.2	1.8	-10.6	-9.2	-4.3	1.8	2.9	1.1	-8.5	0.9	-10.9	-11.2	-10.6		
110	Pembuatan minuman ringan	2.6	2.6	2.1	2.8	2.1	2.6	2.8	3.4	1.9	3.6	2.8	2.0	2.1		
	11041 Pembuatan minuman ringan	0.9	2.9	1.3	2.1	2.1	2.9	2.2	2.4	1.3	2.6	1.8	0.7	1.3		
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4.8	3.0	1.2	1.6	1.7	3.0	4.7	8.1	0.9	8.6	2.8	2.8	1.2		
	Industri lain	8.1	0.2	9.3	9.3	3.2	0.2	1.8	-0.7	7.8	-1.1	8.1	7.4	9.3		
120/ 12000	Pembuatan produk tembakau	2.2	1.5	-8.0	-0.2	0.3	1.5	0.9	1.6	1.5	1.4	-1.8	-8.5	-8.0		
131	Pemintalan, penenunan dan penyiapan tekstil	1.2	4.1	1.5	4.0	3.4	4.1	2.1	1.3	6.1	-0.5	-0.3	0.2	1.5		
	13110 Penyediaan dan pemintalan gentian tekstil															
	& 13120 Penenunan tekstil	3.2	1.9	3.7	6.4	-0.1	1.9	-0.4	-1.3	4.6	-0.8	1.4	2.1	3.7		
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-4.5	9.4	-3.3	-1.7	12.9	9.4	8.8	8.9	11.0	0.9	-4.4	-3.9	-3.3		
	Industri lain	8.6	8.7	-4.5	0.8	0.4	8.7	0.6	-3.5	-0.9	-7.5	-1.2	-5.0	-4.5		
139	Pembuatan tekstil lain	1.9	-1.7	0.1	-1.7	-1.7	-1.7	-1.5	-0.8	-2.6	1.3	2.8	0.8	0.1		
	13910 Pembuatan fabrik dikait dan dikrusye	-4.5	-1.2	-3.8	-1.9	-2.0	-1.2	-2.4	-1.7	-2.0	1.7	-3.1	-6.4	-3.8		
	Industri lain	6.0	-1.9	2.4	-1.6	-1.5	-1.9	-1.0	-0.2	-2.9	1.1	6.5	5.4	2.4		
141	Pembuatan pakaian, kecuali pakaian berbulu	2.6	-1.4	3.5	2.3	2.5	-1.4	0.8	0.2	2.7	0.6	2.9	3.3	3.5		
	14102 Pembuatan pakaian	2.6	-1.4	4.3	3.6	3.6	-1.4	0.7	0.5	4.4	1.8	2.8	4.0	4.3		
	Industri lain	2.6	-1.4	1.3	-1.0	-0.2	-1.4	1.2	-0.3	-1.6	-2.7	3.4	1.4	1.3		
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	8.5	-3.9	0.9	0.8	-0.7	-3.9	-3.9	-6.9	1.0	-6.0	6.5	2.8	0.9		
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-0.6	-1.0	-5.8	-2.9	-0.8	-1.0	0.04	1.6	-1.0	0.5	-2.8	-4.5	-5.8		
152	Pembuatan kasut	5.3	4.9	3.3	2.9	3.9	4.9	3.4	0.7	2.5	2.5	3.7	2.5	3.3		
	15201 Pembuatan kasut kulit															
	& 15203 Pembuatan kasut getah	-0.8	0.6	-0.8	1.7	0.6	0.6	-3.5	-3.3	0.6	-1.5	-1.8	-1.0	-0.8		
	Industri lain	12.9	9.6	8.1	4.3	7.5	9.6	10.9	4.9	4.7	6.7	10.8	6.7	8.1		
161/ 16100	Pengilangan dan pengetaman kayu	-2.6	0.6	-3.8	-1.8	-0.9	0.6	0.4	3.2	-2.0	3.0	-5.9	-7.0	-3.8		

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	3.0	6.0	5.3	Processing and preserving of meat
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	-2.3	-1.5	0.0	Processing and preserving of fish, crustaceans and molluscs
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	-3.3	-2.3	-0.6	Canning of fish, crustaceans and molluscs
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	2.8	2.6	3.0	Processing, curing and preserving of fish, crustacean and molluscs
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	-7.0	-5.4	-4.2	Processing and preserving of fruits and vegetable
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	-8.2	-9.6	-9.7	Pineapple canning
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	-6.9	-5.1	-3.8	Manufacture of jams, marmalades and table jellies
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	2.2	2.8	2.7	Manufacture of vegetable and animal oils and fats
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	3.5	3.7	2.9	Manufacture of crude and refined vegetable oil
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	0.8	0.7	0.4	Manufacture of compound cooking fats
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	2.1	2.8	2.7	Manufacture of coconut oil
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	-0.03	1.3	0.8	Manufacture of dairy products
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	-0.9	0.9	0.7	Manufacture of condensed, powdered and evaporated milk
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	2.3	2.3	1.1	Other industry
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	4.6	4.7	5.0	Manufacture of grain mill products, starches and starch products
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	5.3	5.5	4.7	Rice milling
-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	6.2	6.4	8.2	Flour milling
-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	-9.1	-9.8	-11.0	Other industry
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	2.5	2.2	1.7	Manufacture of other food products
-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	0.1	0.2	0.9	Manufacture of biscuits and cookies
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	3.5	3.6	4.5	Manufacture of bread, cakes and other bakery products
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	2.0	1.9	1.0	Manufacture of snack products
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	1.1	2.7	2.9	Manufacture of sugar
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	-2.3	-1.6	-1.3	Manufacture of cocoa products
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	3.6	1.5	-0.2	Manufacture of chocolate and chocolate products
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	12.3	8.4	6.9	Manufacture of sugar confectionery
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	-1.9	-1.8	-5.7	Manufacture of sauces and condiments
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	1.5	2.0	2.0	Manufacture of other food products n.e.c.
-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	0.3	1.1	0.9	Manufacture of prepared animal feeds
2.6	2.5	2.8	1.9	2.3	2.1	2.4	2.5	2.6	2.5	2.7	2.8	2.4	2.8	3.4	3.6	Manufacture of beverages
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	1.8	2.4	2.6	Manufacture of soft drinks
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	7.1	8.1	8.6	Production of natural mineral waters and other bottled waters
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	-0.8	-0.7	-1.1	Other industry
-1.4	-1.6	-0.2	1.5	1.1	0.3	0.2	0.1	1.5	1.2	1.0	0.9	1.6	1.4	1.6	1.4	Manufacture of tobacco products
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	2.5	1.3	-0.5	Spinning, weaving and finishing of textiles
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	0.3	-1.3	-0.8	Preparation and spinning of textile fibres
-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	9.0	8.9	0.9	Weaving of textiles
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	-2.5	-3.5	-7.5	Dyeing, bleaching, printing and finishing of yarns and fabrics
-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	-0.9	-0.8	1.3	Manufacture of other textiles
-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	-1.8	-1.7	1.7	Manufacture of knitted and crocheted fabrics
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	-0.3	-0.2	1.1	Other industry
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	0.4	0.2	0.6	Manufacture of wearing apparel, except fur
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	0.6	0.5	1.8	Manufacture of clothings
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	-0.4	-0.3	-2.7	Other industry
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	-5.2	-6.9	-6.0	Manufacture of articles of fur, knitted and crocheted apparel
-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	2.0	1.6	0.5	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
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	0.6	0.7	2.5	Manufacture of footwear
-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	-5.0	-3.3	-1.5	Manufacture of leather footwear
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	6.3	4.9	6.7	Manufacture of rubber footwear
-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	3.3	3.2	3.0	Other industry
																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			2024				2025		2024	2025	2024		
		2023	2024							(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
				Q1	Q2	Q3	Q4	Q1	Q2					
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	1.2	0.4	0.05	2.5	1.0	0.4	0.5	-0.9	2.9	-0.5	0.6	-0.3	0.05
16211	Pembuatan kepingan venier dan papan lapis	3.1	2.7	1.0	4.3	3.6	2.7	4.3	2.2	4.0	2.8	2.3	1.5	1.0
16212	Pembuatan papan partikel dan papan gentian	8.4	3.1	10.4	11.5	1.7	3.1	0.8	-3.3	10.5	-3.0	10.3	10.8	10.4
16221	Pertukangan kayu untuk jurubina	-10.9	-11.8	-9.5	-11.3	-9.0	-11.8	-10.8	-10.1	-9.5	-10.8	-11.2	-13.0	-9.5
	Industri lain	2.3	0.9	0.0	4.1	0.5	0.9	-1.9	-1.8	5.8	-1.5	0.8	-0.1	0.0
170	Pembuatan kertas dan produk kertas	1.0	0.6	0.9	0.7	0.5	0.6	0.3	0.1	1.2	0.6	1.0	0.8	0.9
17010	Pembuatan pulpa, kertas dan kertas tebal	-2.4	5.9	-0.4	3.3	5.6	5.9	9.0	8.8	3.9	7.8	0.7	-0.5	-0.4
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-1.4	-1.9	-2.0	-2.6	-1.6	-1.9	-1.8	-3.4	-2.6	-2.3	-1.8	-2.1	-2.0
17091	Pembuatan sampul surat dan kad surat	4.1	-2.6	-4.1	-5.3	-5.6	-2.6	-0.5	-0.9	-5.2	-0.5	1.3	-1.6	-4.1
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	5.1	-2.3	6.0	3.5	-2.4	-2.3	-4.0	0.4	3.4	3.4	4.5	5.5	6.0
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	0.0	1.0	0.2	0.8	1.0	1.0	0.9	-2.2	1.8	-3.4	0.1	0.1	0.2
	Industri lain	9.8	8.2	8.1	7.2	7.9	8.2	2.5	3.1	9.8	1.2	7.9	7.7	8.1
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	1.7	0.8	-2.8	-1.3	0.1	0.8	0.6	1.3	-1.2	1.0	-2.4	-1.9	-2.8
18110	Percetakan	2.3	0.6	-2.5	-2.4	-0.1	0.6	0.9	2.3	-2.3	1.7	-2.2	-1.5	-2.5
18120 &	Aktiviti perkhidmatan berkaitan percetakan	-1.2	1.7	-3.7	3.5	1.4	1.7	-0.8	-2.9	3.8	-2.2	-3.5	-3.4	-3.7
18200	Penerbitan semula media rakaman													
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	3.7	0.4	1.8	1.0	0.5	0.4	1.0	2.0	1.1	2.4	2.6	2.9	1.8
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	0.3	5.3	-0.7	0.9	4.4	5.3	4.4	3.7	4.7	2.9	-0.2	-0.6	-0.7
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	9.1	14.9	8.0	12.7	13.8	14.9	5.4	1.7	13.5	-2.0	9.3	9.0	8.0
20112 &	Pembuatan kimia organik asas	-1.9	4.9	-2.4	-0.9	3.7	4.9	5.0	4.5	4.0	3.9	-2.3	-2.4	-2.4
20113	Pembuatan sebatian bukan organik													
20121 &	Pembuatan baja	-5.9	-1.6	-11.4	-8.2	-1.3	-1.6	-0.5	0.2	-0.9	-0.4	-7.0	-10.7	-11.4
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	5.1	3.4	5.0	1.5	3.4	3.8
	Industri lain	6.6	9.2	4.7	4.8	6.8	9.2	8.2	6.3	10.2	6.5	6.1	3.9	4.7
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	-2.6	-3.0	-3.0	-0.2	-3.0	-3.0	-2.8	-3.6	-2.6	-2.0	-2.8	-2.1	-3.0
20210	Pembuatan racun perosak dan produk agrokimia lain	13.8	11.0	9.0	13.0	13.2	11.0	8.9	6.1	12.7	5.7	13.1	10.5	9.0
20221	Pembuatan cat, varnis dan penyadur dan mastik	1.4	-0.2	1.7	0.6	0.1	-0.2	-4.7	-7.0	0.03	-5.8	0.1	5.1	1.7
20222	Pembuatan dakwat cetak	4.7	-4.1	1.7	1.9	-3.1	-4.1	-4.2	-4.1	-6.1	3.1	4.0	3.9	1.7
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	-7.7	-4.3	-6.7	1.0	-3.2	-4.3	0.0	-0.2	-2.0	2.0	-7.5	-7.1	-6.7
20232	Pembuatan pewangi dan penyediaan dandanan diri													
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials													
20292 &	Pembuatan dakwat menulis dan melukis	-4.0	-6.5	-5.0	-5.5	-9.0	-6.5	-8.0	-8.7	-6.7	-9.0	-4.2	-4.2	-5.0
20299	Pembuatan produk kimia lain t.t.t.l.													
	Industri lain	-32.2	-11.9	-36.1	-36.9	-18.4	-11.9	-12.3	-6.8	-37.1	-7.0	-31.0	-35.6	-36.1
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	2.3	3.0	1.6	0.5	0.3	3.0	2.0	2.3	0.4	2.4	1.9	1.4	1.6
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	1.1	4.0	-0.03	-1.4	0.2	4.0	3.1	4.0	-0.8	3.9	1.0	0.6	-0.03
	Industri lain	5.4	0.6	5.4	5.0	0.4	0.6	-0.4	-1.4	3.1	-1.2	3.8	3.5	5.4
221	Pembuatan produk getah	-4.0	-2.4	-5.0	-3.5	-2.5	-2.4	-3.1	-3.9	-3.4	-3.7	-3.6	-4.1	-5.0
22111	Pembuatan tayar getah untuk kenderaan	2.6	-3.7	0.3	-4.5	-2.2	-3.7	-3.8	-8.5	-11.6	-5.2	2.8	1.1	0.3
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	12.0	-3.7	9.7	9.2	2.2	-3.7	-2.6	-2.2	9.3	-1.2	12.0	9.5	9.7
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	4.4	-5.3	1.2	0.1	-4.4	-5.3	-8.4	-10.3	-3.9	-10.8	3.8	1.4	1.2
22193	Pengilangan semula getah dan prosesan susu getah													
22192	Pembuatan sarung tangan getah	-9.0	-2.4	-8.5	-5.9	-2.7	-2.4	-2.5	-3.3	-4.0	-3.6	-7.6	-6.9	-8.5
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.5	-0.4	-4.3	-2.1	-1.7	-0.4	-1.0	0.1	-1.0	0.8	-2.7	-4.1	-4.3
222	Pembuatan produk plastik	3.3	2.2	2.6	3.1	2.6	2.2	2.1	1.0	3.1	0.8	3.3	2.5	2.6
22201 &	Pembuatan produk plastik separa siap													
22202	Pembuatan produk plastik siap	1.6	1.5	1.2	0.3	1.4	1.5	2.9	0.6	0.7	0.5	1.5	1.6	1.2
22203	Pembuatan artikel plastik untuk pembungkusan barangan	5.8	2.0	4.7	4.0	2.3	2.0	1.4	1.7	1.9	1.3	6.1	4.6	4.7
22204	Pembuatan barangan plastik jurubina	0.3	5.4	0.01	1.7	2.1	5.4	3.1	1.7	1.1	1.4	0.7	-0.4	0.01
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	0.7	0.9	-0.2	0.7	-1.6	0.9	-3.7	-5.5	4.9	-5.9	1.3	-0.2	-0.2
22209	Pembuatan pelbagai produk plastik t.t.t.l.	3.0	3.0	2.4	5.0	4.9	3.0	3.6	2.4	5.5	2.2	2.6	2.2	2.4
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-1.0	5.1	0.3	5.9	6.8	5.1	1.8	-4.8	7.4	-0.9	-1.0	-0.6	0.3

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	-0.7	-0.9	-0.5	Manufacture of products of wood, cork, straw and plaiting materials
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	3.3	2.2	2.8	Manufacture of veneer sheets and plywood
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	-3.7	-3.3	-3.0	Manufacture of particle board and fibreboard
-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	-11.0	-10.1	-10.8	Manufacture of builders' carpentry
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	-3.4	-1.8	-1.5	Other industry
0.8	0.5	0.7	1.2	0.8	0.5	0.6	0.7	0.6	0.3	0.6	0.3	0.5	0.3	0.1	0.6	Manufacture of paper and paper products
-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	9.2	8.8	7.8	Manufacture of pulp, paper and paperboard
-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	-3.1	-3.4	-2.3	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-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	-0.2	-0.9	-0.5	Manufacture of envelopes and letter-card
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	0.3	0.4	3.4	Manufacture of household and personal hygiene paper
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	-1.2	-2.2	-3.4	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
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	2.3	3.1	1.2	Other industry
-2.4	-3.3	-1.3	-1.2	0.2	0.1	1.0	1.3	0.8	0.6	0.7	0.6	1.3	1.6	1.3	1.0	Printing, service activities related to printing and reproduction of recorded media
-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	2.1	2.3	1.7	Printing
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	-1.0	-2.9	-2.2	Service activities related to printing
																Reproduction of recorded media
1.6	0.7	1.0	1.1	0.6	0.5	0.7	0.9	0.4	2.0	1.9	1.0	1.7	1.5	2.0	2.4	Manufacture of refined petroleum products
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	3.9	3.7	2.9	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
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	3.0	1.7	-2.0	Manufacture of liquefied or compressed inorganic industrial or medical gases
																Manufacture of basic organic chemicals
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	4.3	4.5	3.9	Manufacture of inorganic compounds
																Manufacture of fertilizers
-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	0.4	0.2	-0.4	Manufacture of associated nitrogen products
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	5.1	5.1	5.0	Manufacture of plastics in primary forms
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	6.6	6.3	6.5	Other industry
-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	-3.4	-3.6	-2.0	Manufacture of other chemical products and man-made fibres
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	6.6	6.1	5.7	Manufacture of pesticides and other agrochemical products
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	-6.5	-7.0	-5.8	Manufacture of paints, varnishes and similar coatings ink and mastics
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	-3.9	-4.1	3.1	Manufacture of printing ink
																Manufacture of soap and detergents, cleaning and polishing preparations
-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	-0.3	-0.2	2.0	Manufacture of perfumes and toilet preparations
																Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-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	-8.4	-8.7	-9.0	Manufacture of writing and drawing ink
																Manufacture of other chemical products n.e.c.
-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	-9.7	-6.8	-7.0	Other industry
0.6	0.3	0.5	0.4	0.9	0.3	0.4	2.6	3.0	2.9	2.4	2.0	2.3	2.5	2.3	2.4	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-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	4.7	4.0	3.9	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
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	-2.4	-1.4	-1.2	Other industry
-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	-3.7	-3.9	-3.7	Manufacture of rubber products
-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	-8.4	-8.5	-5.2	Manufacture of rubber tyres for vehicles
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	-4.5	-2.2	-1.2	Manufacture of interchangeable tyre treads and retreading rubber tyres
																Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
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	-10.0	-10.3	-10.8	Rubber remilling and latex processing
-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	-1.9	-3.3	-3.6	Manufacture of rubber gloves
-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	-2.0	0.1	0.8	Manufacture of other rubber products n.e.c.
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	1.2	1.0	0.8	Manufacture of plastics products
																Manufacture of semi-manufactures of plastic products
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	0.8	0.6	0.5	Manufacture of finished plastic products
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	2.1	1.7	1.3	Manufacture of plastic articles for the packing of goods
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	2.0	1.7	1.4	Manufacture of builders' plastics ware
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	-5.4	-5.5	-5.9	Manufacture of plastic tableware, kitchenware and toilet articles
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	2.3	2.4	2.2	Manufacture of diverse plastic products n.e.c.
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	-3.3	-4.8	-0.9	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh			2024				2025		2024	2025	2024		
		2023	2024							(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
				Q1	Q2	Q3	Q4	Q1	Q2					
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.5	-1.0	0.1	-1.4	-1.3	-1.0	3.0	3.4	-1.3	1.5	-0.5	0.2	0.1
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	1.4	-10.5	0.2	-8.6	-8.8	-9.3
23930	Pembuatan produk porselin dan seramik lain	-14.9	-7.3	-1.5	-5.0	-4.2	-7.3	-5.1	-6.3	-4.2	-8.6	-16.5	-3.0	-1.5
23941	Pembuatan simen hidraulik	1.0	1.1	0.02	-0.1	4.4	1.1	5.9	5.2	1.0	0.01	0.4	0.1	0.02
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	1.5	0.7	2.2	3.3	0.1	0.7	2.4	2.6	2.1	3.7	0.7	0.3	2.2
23952	Pembuatan konkrit pratuangan, simen atau artikel batu													
23953	buatan yang digunakan dalam pembinaan;													
23959	atau kejuruteraan awam dari simen, batu atau konkrit buatan	4.1	-4.8	-4.8	-6.6	-6.1	-4.8	2.5	3.3	-6.9	1.8	-3.9	-3.8	-4.8
23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
	Pembuatan produk mineral bukan logam lain t.t.t.l.	12.4	9.9	13.6	9.3	13.8	9.9	9.9	13.1	9.5	6.9	15.0	14.0	13.6
	Industri lain	14.8	4.1	13.3	11.8	5.2	4.1	1.7	0.04	12.0	-2.1	13.3	13.4	13.3
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	5.3	3.4	7.0	5.9	5.1	3.4	2.1	1.2	5.8	1.8	5.4	7.5	7.0
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	-5.9	-3.3	-7.1	-5.0	-4.1	-3.3	-2.8	-2.7	-6.2	-2.1	-5.3	-8.1	-7.1
243	Pengacuan logam	1.6	2.6	-0.7	-0.6	0.2	2.6	3.1	5.9	3.6	6.4	0.7	-0.7	-0.7
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.4	2.4	1.7	4.4	3.7	2.4	4.1	4.6	4.5	4.4	2.0	1.2	1.7
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
25119	pintu pagar daripada logam	4.6	5.1	5.2	8.6	5.9	5.1	8.2	8.5	7.7	8.4	5.0	4.2	5.2
25120	Pembuatan produk struktur logam lain													
	Pembuatan tangki, takungan dan kontena daripada logam	-8.3	-5.1	-7.5	-4.4	-3.0	-5.1	-6.6	-5.4	-3.4	-6.2	-6.5	-6.9	-7.5
	Industri lain	-0.7	-2.0	-2.2	-3.2	1.7	-2.0	-3.1	-2.9	-0.2	-2.6	-0.9	-1.9	-2.2
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	5.4	2.2	4.6	5.0	3.1	2.2	0.2	0.0	4.6	0.6	5.4	4.3	4.6
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-0.3	3.5	-0.8	2.0	2.6	3.5	3.9	5.6	2.1	5.4	-1.1	-1.7	-0.8
25920	Rawatan dan penyalutan logam; menggunakan mesin	-9.7	-14.1	-11.4	-13.4	-14.0	-14.1	-19.1	-17.6	-13.7	-17.9	-9.0	-11.8	-11.4
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.1	13.2	8.2	11.1	11.0	13.2	10.4	10.1	11.4	10.6	7.5	5.5	8.2
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	0.0	-2.7	-2.5	4.4	-2.6	9.4	8.4	9.7
25994	Pembuatan barangan rumah daripada logam	14.1	2.9	5.5	-1.3	-1.1	2.9	2.0	8.4	-1.8	8.7	11.6	11.8	5.5
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	2.3	8.7	4.7	7.8	5.9	7.3
	Industri lain	21.8	3.6	17.8	17.4	4.9	3.6	1.2	-2.9	18.8	-3.1	20.9	21.6	17.8
261	Pembuatan komponen dan papan elektronik	1.9	-2.2	-2.5	-2.9	-3.3	-2.2	-0.9	-0.8	-3.7	0.1	1.2	-1.6	-2.5
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	-1.3	-4.2	-0.9	1.1	-1.5	-2.2
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	-0.2	-3.6	1.6	1.1	-2.5	-3.7
26105	Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	3.0	-3.0	2.7	-2.1	-3.4	-3.0	0.0	-1.3	-1.1	-1.7	3.4	3.5	2.7
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	-3.2	6.9	1.7	3.5	5.6	6.9	6.7	5.1	3.6	4.7	1.2	1.3	1.7
263/ 26300	Pembuatan peralatan komunikasi	0.3	4.3	0.6	0.4	5.0	4.3	6.3	6.7	5.8	8.3	0.2	0.3	0.6
264/ 26400	Pembuatan peralatan elektronik pengguna	3.4	4.7	4.4	4.6	-0.1	4.7	2.9	4.7	6.2	2.8	3.6	4.0	4.4
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	1.3	2.6	2.2	0.2	-0.7	-0.4
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	0.2	4.9	-0.4	3.0	3.9	4.9	4.0	2.9	1.6	3.8	0.3	-0.6	-0.4
26512	Pembuatan kelengkapan kawalan proses perindustrian													
26520	Pembuatan jam tangan dan jam dan bahagiannya	-1.1	4.2	-0.5	6.1	6.0	4.2	-1.9	-4.4	6.4	-3.4	-0.04	-0.8	-0.5
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-3.1	0.6	-6.3	-6.5	-1.7	0.6	1.4	0.6	-2.3	3.1	-6.6	-5.9	-6.3

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	
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	3.3	3.4	1.5	Manufacture of non-metallic mineral products
-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	1.1	1.4	0.2	Manufacture of refractory mortars and concretes
-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	-4.9	-6.3	-8.6	Manufacture of non-refractory ceramic
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	5.6	5.2	0.01	Manufacture of other porcelain and ceramic products
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	2.9	2.6	3.7	Manufacture of hydraulic cement
																Manufacture of ready-mix and dry-mix concrete and mortars
																Manufacture of precast concrete, cement or artificial stone articles for use in construction
-4.1	-6.0	-6.6	-6.9	-6.6	-6.1	-5.6	-5.0	-4.8	1.9	2.7	2.5	2.9	3.5	3.3	1.8	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
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	10.0	13.1	6.9	Manufacture of other articles of concrete, cement and plaster n.e.c.
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	0.4	0.04	-2.1	Manufacture of other non-metallic mineral products n.e.c.
																Other industry
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	1.0	1.2	1.8	Manufacture of basic iron and steel
-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	-2.3	-2.7	-2.1	Manufacture of basic precious and other non-ferrous metals
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	4.0	5.9	6.4	Casting of metals
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	4.7	4.6	4.4	Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition
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	8.6	8.5	8.4	Manufacture of metal doors, windows and their frames, shutters and gates
-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	-5.2	-5.4	-6.2	Manufacture of other structural metal products
-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	-2.2	-2.9	-2.6	Manufacture of tanks, reservoirs and containers of metal
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	0.3	0.0	0.6	Manufacture of other fabricated metal products; metal working service activities
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	5.3	5.6	5.4	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-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	-19.8	-17.6	-17.9	Treatment and coating of metals; machining
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	10.2	10.1	10.6	Manufacture of tins and cans for food products, collapsible tubes and boxes
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	-3.2	-2.5	-2.6	Manufacture of metal cable, plaited bands and similar articles
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	1.9	8.4	8.7	Manufacture of bolts, screws, nuts and similar threaded products
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	4.6	2.3	4.7	Manufacture of metal household articles
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	0.2	-2.9	-3.1	Manufacture of any other fabricated metal products n.e.c.
-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	-0.7	-0.8	0.1	Manufacture of electronic components and boards
-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	-1.9	-1.3	-0.9	Manufacture of diodes, transistors and similar semiconductor devices
																Manufacture of electronic integrated circuits micro assemblies
																Manufacture of electrical capacitors and resistors
-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	0.7	-0.2	1.6	Manufacture of printed circuit boards
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	0.0	-1.3	-1.7	Manufacture of display components
																Manufacture of other components for electronic applications
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	6.7	5.1	4.7	Manufacture of computers and peripheral equipment
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	5.1	6.7	8.3	Manufacture of communication equipment
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	2.9	4.7	2.8	Manufacture of consumer electronics
-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	1.4	1.3	2.2	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
-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	3.1	2.9	3.8	Manufacture of measuring, testing, navigating and control equipment
-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	-4.6	-4.4	-3.4	Manufacture of industrial process control equipment
																Manufacture of watches and clocks and parts
-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	0.7	0.6	3.1	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			2024				2025		2024	2025	2024		
		2023	2024							(Jan. -	(Jan. -	Jan.	Feb.	Mac
				Q1	Q2	Q3	Q4	Q1	Q2	Jul.)	Jul.)			
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	1.7	-7.1	-2.1	-1.9	-10.7	-7.1	-4.5	-2.1	-3.4	-0.04	-5.7	-4.0	-2.1
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-1.6	1.3	-3.5	-1.3	-0.2	1.3	2.9	2.3	1.1	1.4	-2.0	-3.1	-3.5
27101	Pembuatan motor elektrik, penjana dan transformer	0.7	1.0	-0.5	3.9	2.7	1.0	1.3	0.6	3.6	-2.6	-1.6	-1.1	-0.5
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.2	1.6	-5.7	-5.0	-2.4	1.6	4.0	3.7	-0.7	4.4	-2.2	-4.6	-5.7
272/ 27200	Pembuatan bateri dan akumulator	-0.2	-4.0	1.8	1.2	-5.2	-4.0	-8.4	-10.0	0.5	-11.1	-0.1	1.9	1.8
273	Pembuatan pendawaian dan peranti pendawaian	-2.3	4.2	-1.3	0.8	0.2	4.2	4.3	4.3	0.7	5.7	0.1	-2.0	-1.3
27310	Pembuatan kabel gentian optikal	4.6	6.2	2.0	5.0	3.9	6.2	7.5	6.3	4.7	6.1	3.6	2.6	2.0
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-3.9	4.4	-2.1	0.2	-0.1	4.4	4.3	4.5	0.1	5.8	-0.8	-3.1	-2.1
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	-0.4	6.6	3.9	11.7	11.3	7.7
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	7.6	4.6	10.6	12.9	4.4	4.6	-4.5	-4.1	11.2	-3.6	10.4	10.0	10.6
275/ 27500	Pembuatan perkakasan domestik	-0.5	-7.0	-0.8	-3.6	-7.5	-7.0	-9.0	-8.2	-3.8	-8.9	-0.3	-1.6	-0.8
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.4	2.7	-3.1	-1.8	-0.4	2.7	3.5	4.6	-3.3	4.8	-2.2	-2.8	-3.1
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-2.4	1.4	-2.2	-2.3	0.2	1.4	1.2	1.1	0.4	1.2	-2.3	-2.1	-2.2
28120	Pembuatan alat-alat kuasa bendalir													
28130	Pembuatan pam, pemampat, kepala paip dan injap lain	-15.9	-14.8	-24.7	-26.4	-20.6	-14.8	-10.3	-6.2	-25.1	-7.1	-24.1	-24.9	-24.7
28180	Pembuatan alatan tangan yang menggunakan kuasa													
28180	dilengkapkan dengan motor elektrik atau bukan motor elektrik	3.0	1.1	0.2	1.6	0.3	1.1	0.5	-3.7	2.4	-3.9	4.4	5.7	0.2
28180	atau pneumatik													
28220	Pembuatan jentera pembentukan logam dan alatan mesin													
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-12.5	-1.8	-12.7	-12.4	-4.7	-1.8	-2.0	-4.7	-4.4	-3.2	-13.0	-14.0	-12.7
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	-9.4	3.4	-10.4	-12.0	1.7	3.4	4.1	4.0	-12.1	4.0	-10.1	-10.9	-10.4
	Industri lain	0.8	3.9	4.5	3.9	4.0	3.9	3.0	4.8	7.3	4.9	2.1	2.3	4.5
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1.3	-1.7	0.8	-0.7	-2.0	-1.7	-1.5	-2.8	-1.1	-2.2	1.8	3.8	0.8
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	18.8	4.6	10.8	7.4	6.4	4.6	6.1	7.5	7.1	5.8	16.2	10.3	10.8
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-1.7	0.4	-5.6	-0.5	0.3	0.4	-0.4	2.6	-0.01	3.0	-1.1	-2.8	-5.6
301 (30110 & 30120)	Pembinaan kapal dan bot	9.5	-1.4	6.7	3.7	-1.8	-1.4	-3.4	-1.8	0.8	-1.3	7.3	6.9	6.7
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.	-1.5	3.1	-2.0	1.0	4.0	3.1	2.9	1.7	2.8	1.4	-2.0	-2.4	-2.0
30910	Pembuatan motosikal	10.0	7.3	5.4	9.6	6.5	7.3	7.9	9.1	10.1	5.7	6.5	5.1	5.4
30920	Pembuatan basikal dan invalid carriages	-54.4	8.1	-54.2	-47.0	-4.3	8.1	9.2	2.9	-37.5	0.6	-53.9	-53.9	-54.2
	Industri lain	1.9	-1.3	3.3	4.1	2.7	-1.3	-2.2	-4.8	3.6	-2.5	2.8	3.0	3.3
310	Pembuatan perabot	6.1	1.8	5.1	3.4	2.3	1.8	0.7	1.7	2.8	2.0	4.6	5.0	5.1
31001	Pembuatan perabot kayu dan rotan	6.2	2.3	4.9	3.0	1.6	2.3	1.1	1.9	1.9	2.4	4.2	4.8	4.9
	Industri lain	5.7	0.2	6.0	4.9	4.6	0.2	-0.5	1.1	5.8	0.7	5.8	5.7	6.0
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.6	-15.0	-6.2	-6.1	-7.8	-15.0	-12.6	-15.3	-6.4	-15.4	-4.8	-9.3	-6.2
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	3.5	3.8	4.0	3.9	2.8	3.8	5.7	5.1	2.6	5.0	3.3	4.4	4.0
32901	Pembuatan alat tulis	-1.5	1.4	-1.0	-1.8	-0.7	1.4	3.7	8.8	-1.5	9.4	-3.8	-1.1	-1.0
	Industri lain	5.0	4.4	5.5	5.5	3.8	4.4	6.3	4.1	3.7	3.9	5.4	6.0	5.5
323/ 32300	Pembuatan barangan sukan	-22.6	-8.4	-9.1	-7.8	-7.9	-8.4	-12.1	-12.3	-7.2	-13.0	-18.5	-15.1	-9.1
324/ 32400	Pembuatan permainan dan mainan	-4.8	-0.02	-1.7	-0.5	-2.1	-0.02	0.2	-1.6	9.8	-0.2	-3.8	-3.1	-1.7
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	3.6	0.2	1.9	0.4	0.2	0.2	1.5	2.2	0.2	2.8	2.3	1.8	1.9
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	5.3	-0.4	3.8	1.9	0.1	-0.4	-2.0	1.1	3.6	4.7	0.7	1.4	3.8
	Industri lain	3.3	0.3	1.6	0.1	0.2	0.3	2.2	2.4	-0.4	2.4	2.6	1.9	1.6
Jumlah Pembuatan		1.7	1.0	0.5	1.0	0.8	1.0	1.1	1.0	1.3	1.1	1.3	0.6	0.5

2025																Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
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	-2.9	-2.1	-0.04	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-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	2.1	2.3	1.4	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
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	0.7	0.6	-2.6	Manufacture of electric motors, generators and transformers
-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	3.2	3.7	4.4	Manufacture of electricity distribution and control apparatus
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	-9.7	-10.0	-11.1	Manufacture of batteries and accumulators
-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	4.6	4.3	5.7	Manufacture of wiring and wiring devices
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	6.6	6.3	6.1	Manufacture of fibre optic cables
-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	4.8	4.5	5.8	Manufacture of other electronic and electric wires and cables
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	-0.1	-0.4	3.9	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
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	-3.5	-4.1	-3.6	Manufacture of electric lighting equipment
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	-8.0	-8.2	-8.9	Manufacture of domestic appliances
-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	3.3	4.6	4.8	Manufacture of other electrical equipment
-2.4	-2.5	-2.3	0.4	0.1	0.2	0.6	0.8	1.4	1.0	1.3	1.2	1.3	0.8	1.1	1.2	Manufacture of general-purpose and special-purpose machinery
-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	-9.9	-6.2	-7.1	Manufacture of fluid power equipment
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	-3.4	-3.7	-3.9	Manufacture of other pumps, compressors, taps and valves
-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	0.7	-4.7	-3.2	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
-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	3.7	4.0	4.0	Manufacture of metal-forming machinery and machine tools
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	3.7	4.8	4.9	Manufacture of air-conditioning machines, including for motor vehicles
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	-2.3	-2.8	-2.2	Manufacture of other special-purpose machinery
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	6.3	7.5	5.8	Other industry
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	-0.2	2.6	3.0	Manufacture of motor vehicles
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	-1.5	-1.8	-1.3	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-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	2.1	1.7	1.4	Manufacture of parts and accessories for motor vehicles
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	9.2	9.1	5.7	Building of ships and boats
-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	6.4	2.9	0.6	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
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	-4.6	-4.8	-2.5	Manufacture of motorcycles
5.7	5.1	3.4	2.8	2.9	2.3	1.9	1.6	1.8	1.2	1.4	0.7	0.5	0.7	1.7	2.0	Manufacture of bicycles and invalid carriages
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	0.8	1.9	2.4	Other industry
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	0.7	1.1	0.7	Manufacture of furniture
-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	-14.7	-15.3	-15.4	Manufacture of wooden and cane furniture
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	4.9	5.1	5.0	Other industry
-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	7.4	8.8	9.4	Manufacture of jewellery, bijouterie and related articles
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	4.2	4.1	3.9	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-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	-15.0	-12.3	-13.0	Manufacture of stationery
-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	-0.6	-1.6	-0.2	Manufacture of sports goods
1.1	0.3	0.4	0.2	1.1	0.2	0.4	0.2	0.2	0.7	1.7	1.5	1.8	2.3	2.2	2.8	Manufacture of games and toys
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	1.9	1.1	4.7	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
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	2.4	2.4	2.4	Repair and maintenance of transport equipment except motorcycles and bicycles
1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2	1.1	1.2	0.9	1.0	1.1	Other industry
1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2	1.1	1.2	0.9	1.0	1.1	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	Q2	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	2.1	-2.8	5.1	-0.1	-0.5	1.5	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	-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	-0.7	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	-1.1	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	0.9	3.7	2.0	0.7	-0.5	-2.3
	10303 Pengetinan nanas	2.4	-2.9	-3.4	-1.4	1.5	-6.5	-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	1.4	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	1.5	-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	0.2	-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	-0.5	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	1.7	-0.1	-0.7	-0.1	0.2	0.5
105	Pembuatan produk tenusu	1.9	-1.0	1.5	-0.5	1.7	-1.3	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	-1.7	2.1	-0.9	2.3	-0.1	0.9
		-1.7	2.2	3.3	0.1	-0.9	-0.2	-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	-1.7	0.7	-2.3	-0.2	-0.6	-0.3
	10611 Pengilangan beras	0.7	-2.4	7.7	-3.4	4.4	-2.9	1.7	0.5	-1.4	-0.8	-0.3
	10613 Pengilangan tepung	-4.4	0.3	4.8	-0.1	2.2	-0.5	0.05	-5.5	1.1	-0.3	-0.2
	Industri lain	-2.2	-0.8	-3.2	-3.3	-2.7	-0.9	-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	-0.5	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	0.5	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	1.7	0.6	0.1	-1.4	3.2	0.1
	10713 Pembuatan produk snek	-0.4	0.9	2.4	-0.6	0.2	-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	2.1	0.2	0.2	-0.8	-0.2	0.3
	10731 Pembuatan produk koko	-2.8	-6.5	-1.0	1.0	0.8	-2.5	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	-1.3	1.5	-0.6	-0.3	-0.8	0.3
	10733 Pembuatan konfeksi gula	3.2	-3.1	11.3	0.9	2.4	-5.8	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	-1.7	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	-0.1	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	-2.8	1.7	0.1	0.2	0.1	0.1
110	Pembuatan minuman ringan	1.9	1.2	-2.2	1.7	2.1	1.9	1.4	0.02	0.5	0.9	0.1
	11041 Pembuatan minuman ringan	1.6	1.8	-2.3	1.8	0.9	2.0	0.8	-0.2	0.9	1.0	0.1
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	3.3	-0.2	-1.5	1.4	5.0	3.0	3.6	0.1	-0.3	0.3	0.5
	Industri lain	1.1	1.0	-3.3	1.5	2.6	-1.4	-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	-5.4	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	1.2	-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	1.0	-0.6	-0.2	3.7	1.7	1.6
	13120 Penenunan tekstil	-0.7	2.0	12.0	-3.6	-1.1	2.1	-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	-2.4	1.3	0.0	3.6	0.0	5.4
139	Pembuatan tekstil lain	-1.6	0.4	0.04	-0.5	-1.5	1.1	1.4	-2.9	-0.1	0.1	1.1
	13910 Pembuatan fabrik dikait dan dikrusye	-2.2	2.7	-1.2	-0.3	-3.5	3.4	1.1	-3.6	0.3	0.3	3.2
	Industri lain	-1.2	-0.9	0.8	-0.6	-0.3	-0.1	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	-1.4	0.9	0.2	0.4	-0.4	0.4
	14102 Pembuatan pakaian	2.2	-0.9	-2.4	-0.3	4.4	-1.1	1.3	0.3	0.7	-0.6	0.7
	Industri lain	-0.2	-0.7	-0.1	-0.3	2.4	-2.2	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	-3.4	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	-0.2	-0.6	-0.4	-1.2	-0.3	-0.3
152	Pembuatan kasut	2.0	1.0	0.1	1.8	0.6	-1.7	1.6	1.2	-0.8	-0.3	1.5
	15201 Pembuatan kasut kulit	0.3	-0.1	-1.2	1.6	-3.8	0.2	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	-3.4	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	2.4	-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.	Mei	Jun	Jul.	
-2.6	0.6	0.01	4.5	-0.2	-0.2	0.3	0.8	-2.0	0.7	1.1	0.2	0.2	-0.1	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	-0.7	-0.3	0.5	Processing and preserving of fish, crustaceans and molluscs
														Canning 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	-0.8	-0.2	0.3	Processing, curing and preserving of fish, crustacean and molluscs
-0.8	1.2	5.6	-0.3	-4.1	3.5	-0.8	-0.8	0.2	-0.7	0.3	-0.4	-1.0	1.6	Other industry
-0.9	-2.2	-1.3	-3.2	-0.8	-1.0	-0.2	2.4	1.1	-1.1	0.5	-0.5	0.8	-1.0	Processing and preserving of fruits and vegetable
														Pineapple canning
0.6	-0.2	-2.0	-1.2	-1.3	0.2	-0.2	-4.4	6.8	-0.6	-0.8	-4.9	-1.0	-0.3	Manufacture of jams, marmalades and table jellies
-1.0	-2.3	-1.2	-3.3	-0.8	-1.1	-0.2	2.8	0.8	-1.1	0.6	-0.2	0.9	-1.0	Other industry
0.6	1.0	-0.1	-0.1	-0.05	0.7	0.5	-0.02	-0.3	-0.3	-0.3	0.6	1.2	0.9	Manufacture of vegetable and animal oils and fats
														Manufacture of crude and refined vegetable oil
-0.4	0.04	2.7	-0.5	0.5	-0.3	0.02	2.7	-1.5	-0.2	0.01	0.4	-0.2	-0.7	Manufacture of compound cooking fats
-0.3	0.3	-0.1	-0.2	0.1	-0.5	0.0	2.4	-0.4	-0.3	-0.3	0.1	-0.4	0.0	Manufacture of coconut oil
0.7	1.1	-0.3	-0.1	-0.1	0.8	0.5	-0.3	-0.2	-0.3	-0.3	0.6	1.3	1.0	Other industry
-1.8	0.2	1.3	-0.1	-0.4	0.1	-0.3	-0.4	-0.9	3.0	0.2	-0.9	-0.6	-0.3	Manufacture of dairy products
-3.0	0.2	1.0	-0.5	-0.7	0.1	-0.2	-0.8	0.0	3.5	0.4	-0.9	-1.2	-0.02	Manufacture of condensed, powdered and evaporated milk
1.0	0.3	2.0	1.1	0.4	0.1	-0.4	0.4	-3.1	1.9	-0.3	-1.0	1.0	-0.9	Other industry
-0.2	-1.0	1.5	5.0	-0.4	-0.5	-1.0	1.5	2.1	-0.7	-0.8	-0.8	-0.1	-0.7	Manufacture of grain mill products, starches and starch products
-1.3	-0.5	2.1	6.0	-0.9	-1.7	-0.8	2.6	2.3	-0.6	-1.0	-0.7	-1.2	-1.3	Rice milling
0.8	-1.8	1.6	4.9	0.4	0.9	-1.4	0.8	2.4	-0.9	-0.5	-1.0	1.0	-0.05	Flour milling
1.4	0.4	-2.9	-0.8	-2.5	-0.8	-0.1	-1.4	-1.0	-0.3	-1.5	-0.2	0.7	-0.9	Other industry
-0.9	1.3	1.2	0.7	0.3	-0.2	-0.4	0.7	-0.1	-0.7	0.7	0.1	-1.2	0.8	Manufacture of other food products
0.02	3.0	0.9	0.9	-0.5	-0.3	-0.8	-1.2	-2.6	0.3	-0.8	1.2	0.1	3.8	Manufacture of biscuits and cookies
-0.8	2.4	0.6	0.2	-0.4	-0.2	-0.5	0.4	-0.6	-0.02	2.6	-0.1	-0.8	3.3	Manufacture of bread, cakes and other bakery products
0.5	0.7	-0.2	2.0	0.4	0.3	-1.3	-0.1	0.05	0.3	-0.3	-0.2	0.4	-0.2	Manufacture of snack products
-0.1	-0.3	-0.3	-0.3	-0.5	0.2	1.4	0.0	-0.1	0.6	1.2	-0.5	1.4	-0.2	Manufacture of sugar
-0.7	-0.4	-0.7	0.2	0.4	0.3	0.4	3.8	0.2	-3.1	2.4	-4.8	-0.04	-0.1	Manufacture of cocoa products
														Manufacture of chocolate and chocolate products
-0.9	1.1	-1.1	1.3	0.9	-0.3	-0.1	0.9	1.0	-1.0	2.2	-0.6	-2.8	-0.6	Manufacture of sugar confectionery
-2.3	1.3	9.5	0.3	1.0	0.03	-0.2	2.6	0.2	-0.3	-0.4	0.3	-5.7	-0.1	Manufacture of sauces and condiments
-1.5	1.9	-0.2	2.1	-0.2	-0.5	-0.3	1.9	0.3	-5.0	0.1	-0.4	-1.4	-2.2	Manufacture of other food products n.e.c.
-1.0	-0.2	0.7	0.1	1.2	-0.5	-0.2	0.4	0.6	0.04	0.03	0.4	-0.6	-0.1	Other industry
-1.4	-0.2	0.8	-1.6	1.0	0.4	0.6	2.8	0.04	0.3	-0.1	-2.2	-0.6	-0.4	Manufacture of prepared animal feeds
0.3	-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2	0.6	0.5	0.5	0.9	-0.1	Manufacture of beverages
0.7	-0.3	-2.6	0.6	0.8	-0.2	1.3	0.2	-0.01	0.7	-0.5	1.2	1.3	-0.1	Manufacture of soft drinks
-1.0	-0.2	-1.4	0.2	0.8	-0.05	0.6	3.8	0.7	0.5	3.0	0.1	-0.1	0.3	Production of natural mineral waters and other bottled waters
0.4	-0.8	-0.4	-2.1	0.8	-0.9	1.7	2.5	0.3	-0.2	-0.1	-1.9	0.6	-1.2	Other industry
0.5	-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6	0.8	-5.0	-1.1	0.7	-0.8	Manufacture of tobacco products
-1.0	0.7	0.1	0.3	-1.1	0.2	-0.1	-0.2	-1.3	1.5	1.7	1.7	-2.2	-1.2	Spinning, weaving and finishing of textiles
														Preparation and spinning of textile fibres
-1.4	-1.2	-1.1	-0.9	-0.4	0.5	0.2	-0.1	-1.9	2.6	1.4	2.8	-3.0	-0.7	Weaving of textiles
0.3	6.4	2.4	2.8	-2.4	-0.4	-0.8	-0.4	-0.1	-0.7	2.4	-0.6	0.2	-1.5	Dyeing, bleaching, printing and finishing of yarns and fabrics
-3.3	-3.4	3.4	3.8	-1.9	0.0	0.0	-1.4	0.3	-1.7	2.1	0.0	-4.4	-7.4	Other industry
-0.8	-1.3	1.2	0.1	0.1	-0.5	-0.1	0.6	-2.4	0.3	0.4	1.4	-0.7	0.8	Manufacture of other textiles
-0.8	-1.1	1.2	-1.3	-0.3	-0.04	-0.02	-0.1	-3.6	0.2	2.5	1.7	-0.7	2.4	Manufacture of knitted and crocheted fabrics
-0.7	-1.4	1.2	1.0	0.3	-0.7	-0.1	1.0	-1.7	0.3	-0.7	1.3	-0.7	-0.1	Other industry
-0.9	-0.9	-2.2	1.3	-1.5	0.6	0.7	3.1	0.4	0.3	-0.6	0.1	-1.0	-0.5	Manufacture of wearing apparel, except fur
-1.0	-0.7	-3.1	1.4	-1.8	0.8	0.8	3.9	-0.1	0.7	-0.4	0.4	-1.2	0.6	Manufacture of clothings
-0.5	-1.4	0.2	1.1	-0.7	-0.01	0.5	1.1	1.8	-0.6	-1.0	-0.7	-0.5	-3.7	Other industry
-2.2	-0.4	-1.3	2.7	-5.1	0.5	-0.5	0.5	0.0	0.0	0.0	0.5	-4.0	0.6	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
-1.2	0.6	1.3	2.9	-0.1	-0.5	-1.2	-0.03	0.02	-1.2	0.5	0.9	-1.5	-0.5	
-0.1	-1.0	-0.5	1.5	1.2	0.8	-0.1	-0.1	1.8	-1.1	-0.7	-1.0	0.01	0.8	Manufacture of footwear
														Manufacture of leather footwear
-0.04	-1.7	0.5	-0.03	1.2	1.1	-0.7	-0.2	0.1	-3.7	-0.8	-0.7	1.7	0.1	Manufacture of rubber footwear
-0.3	-0.2	-1.5	3.2	1.1	0.4	0.4	0.1	3.4	1.4	-0.6	-1.3	-1.6	1.5	Other industry
-2.1	-1.1	3.1	-0.9	0.4	0.4	-0.1	-0.4	1.3	-1.8	3.4	1.4	-2.3	-1.3	Sawmilling and planning of wood

Jadual
Table

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	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	1.5	-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	1.7	-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	0.1	-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	-1.1	0.9	-0.5	-0.7	-0.3	-0.3
	Industri lain	-2.0	3.2	-3.7	3.7	-4.8	3.3	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	-3.2	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	-6.0	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	-4.4	-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	-2.7	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	0.2	-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	-3.1	0.4	4.3	0.3	0.2	-0.4
	Industri lain	1.8	-1.3	5.1	2.4	-3.6	-0.8	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	0.2	-3.8	-0.02	-0.3	-0.7	0.2
18110	Percetakan	-4.4	-1.1	2.3	3.9	-4.1	0.3	-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	-0.1	-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	-1.7	-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	-1.0	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	-1.7	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	-1.3	-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	-0.2	2.3	-0.04	0.5	2.3	-3.1
20121 & 20129	Pembuatan baja	2.7	-0.9	-2.7	-0.6	3.8	-0.2	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	-0.5	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	-1.8	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	-2.0	-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	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	-6.5	2.8	0.2	2.6	-3.8	-0.4
20222	Pembuatan dakwat cetak	2.4	0.4	-6.4	-0.4	2.4	0.5	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	-0.8	-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	-2.1	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	0.9	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	3.0	-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	4.4	-3.4	-0.1	-0.4	5.9	-2.5
	Industri lain	1.5	1.0	1.6	-3.4	0.5	-0.03	-0.02	0.3	1.2	0.9	0.9
221	Pembuatan produk getah	-1.7	-3.8	3.9	-0.6	-2.4	-4.6	-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	-5.2	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	-2.5	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	-1.0	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	-6.2	-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	-3.8	0.5	-1.2	-0.6	0.4	0.05
222	Pembuatan produk plastik	-0.3	1.4	0.8	0.3	-0.4	0.4	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	0.1	-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	0.0	-0.8	0.5	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	0.1	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	-2.0	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	1.1	-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	-0.6	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.	Mei	Jun	Jul.	
-0.01	0.5	-2.1	1.0	0.7	1.5	-1.1	-1.2	-0.2	-1.4	0.7	0.9	-0.1	0.9	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	1.7	-0.3	2.0	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	-0.2	0.4	-0.6	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	-0.5	-0.3	-0.9	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	-0.1	0.1	-0.5	Other industry
-0.1	-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0	-0.4	-1.1	-1.8	-0.4	0.1	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	-5.5	-0.6	-0.5	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	-1.4	-0.3	-0.3	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	-1.3	-1.5	0.9	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	0.1	0.1	1.2	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	-2.0	-0.9	-0.7	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	-0.3	0.02	0.8	Other industry
0.02	0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1	-0.4	-0.01	0.4	-0.2	-0.3	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	0.3	0.1	-0.7	Printing
0.5	0.6	-0.8	-2.2	3.5	0.1	1.1	-3.6	-0.5	-0.8	0.3	1.0	-1.4	1.2	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	-1.3	0.4	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	-0.7	-0.5	-1.0	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	-0.1	-0.9	-3.3	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	-1.5	-0.4	-0.3	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	-0.9	-0.3	-0.8	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	0.05	-0.8	-1.4	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	-0.04	-0.3	0.6	Other industry
-0.4	-1.5	-0.1	-2.0	0.6	0.1	0.2	-0.2	0.7	0.6	-0.8	-0.6	-0.6	0.1	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	-1.0	-0.7	-0.6	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	-1.4	-0.5	0.2	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	0.6	0.0	-0.2	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	-0.7	-0.7	1.5	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	-0.4	-0.6	-1.3	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	-0.3	0.6	-1.2	Other industry
-0.2	1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6	-0.3	4.6	-1.3	-0.3	1.8	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	-1.7	-0.5	1.7	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	-0.1	0.3	2.0	Other industry
-2.5	0.3	2.7	0.8	-0.1	-0.4	-0.1	-1.1	-0.6	-0.7	-1.1	-0.9	-2.7	0.5	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	-3.5	-1.4	1.9	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	-0.8	0.0	2.1	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	-0.6	0.1	-0.8	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	-0.8	-3.5	0.0	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	-0.8	-3.2	1.8	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	-0.2	-0.8	1.9	Manufacture of plastics products
														Manufacture of semi-manufactures of plastic products
-1.9	0.1	0.6	0.3	-0.4	0.4	-0.6	0.3	0.2	-0.3	2.3	-0.1	-2.1	-0.1	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	0.05	-1.1	-0.3	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	-0.3	-0.6	-1.3	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	-1.9	0.1	-0.05	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	-0.1	0.2	6.0	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	-0.5	-0.7	1.1	Manufacture of glass and glass products

Jadual
Table

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	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	0.8	-2.4	-1.7	-0.2	0.7	-0.4
23911	Pembuatan mortar refraktori dan konkrit											
& 23921	Pembuatan seramik bukan refraktori	-8.1	-2.8	0.1	5.0	-1.2	-2.3	-5.5	-1.9	-0.8	-0.6	-2.5
23930	Pembuatan produk porselin dan seramik lain	-2.3	-1.7	1.1	-4.6	-0.02	-2.9	-1.7	-1.7	1.1	-1.3	-0.3
23941	Pembuatan simen hidrolik	-3.0	-0.6	4.1	0.8	1.6	-1.3	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	2.0	0.2	-6.0	0.5	-0.04	1.1
23952	Pembuatan konkrit pratuangan, simen atau artikel batu											
& 23953	buatan yang digunakan dalam pembinaan;											
& 23959	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	-6.2	1.2	0.9	-0.6	1.1	1.9	-6.3	-0.4	0.6	1.9	-1.4
	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.											
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-0.5	-0.7	11.4	-0.1	-0.5	2.1	1.1	-0.2	-1.4	-0.3	2.4
	Industri lain	2.5	2.0	-0.2	-0.2	0.1	0.4	2.7	-0.03	-0.1	1.7	-0.6
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	0.6	0.0	2.5	0.2	-0.7	-0.8	0.9	-1.3	1.0	-0.2	-0.02
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	0.2	-0.8	-2.4	-0.2	0.7	-0.8	1.2	-0.7	-0.3	-0.3	-0.2
243	Pengacuan logam	4.0	-4.3	2.9	0.2	4.5	-1.7	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	0.8	0.2	-0.4	1.2	-0.2	-0.5
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan											
& 25119	pintu pagar daripada logam	0.7	0.3	2.2	1.7	3.6	0.7	-0.4	-0.4	1.5	-0.02	-1.1
25120	Pembuatan produk struktur logam lain											
	Pembuatan tangki, takungan dan kontena daripada logam	1.7	1.2	-5.1	-2.9	0.1	2.5	1.8	0.2	-0.4	0.2	1.0
	Industri lain	1.7	-0.9	-0.4	-2.4	0.6	-0.7	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	-2.0	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	0.0	-2.3	-0.02	-0.1	-2.9	0.4	-0.2	0.2
25920	Rawatan dan penyalutan logam; menggunakan mesin	5.4	-8.0	-11.4	0.0	-0.7	-6.3	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	-0.8	4.9	-1.8	0.9	-0.8	0.5
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam											
& 25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	1.9	-1.3	0.9	-1.5	-0.8	-1.1	2.3	0.1	-0.4	-0.3	0.1
25994	Pembuatan barangan rumah daripada logam	-1.5	-7.0	1.1	11.1	-2.3	-1.3	-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	-2.7	0.4	0.3	0.3	0.5	0.6
	Industri lain	3.8	0.9	-0.2	-1.0	1.5	-3.2	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	2.5	-1.4	-1.7	-0.6	1.2	0.7
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya											
& 26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-3.2	1.6	-0.4	0.2	-3.1	2.2	-1.5	-1.4	-0.3	1.6	0.1
26103	Pembuatan kapasitor dan perintang elektrik											
& 26104	Pembuatan papan litar bercetak	-4.8	3.7	-0.6	-0.6	-2.3	3.3	-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	-0.8	0.4	0.1	-0.9	-0.6	0.2
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	0.7	2.0	1.8	2.3	0.4	0.5	-0.4	0.3	0.7	-0.3	1.3
263/ 26300	Pembuatan peralatan komunikasi	-0.9	2.1	2.8	0.3	1.0	2.5	-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	2.5	-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	2.8	0.4	0.4	0.2	0.1	1.7
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan											
& 26512	Pembuatan kelengkapan kawalan proses perindustrian	0.7	5.1	-2.2	1.4	-0.2	4.0	0.5	0.4	-0.2	0.5	1.9
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.1	0.8	2.8	-1.5	-3.9	-1.8	0.1	0.2	1.7	-1.2	0.9
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	-3.7	0.2	3.1	1.1	-2.9	-0.6	-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.	Mei	Jun	Jul.	
0.1	1.6	0.3	0.7	0.4	0.2	-0.3	0.4	-1.1	0.3	1.0	-0.3	0.2	-0.3	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	-2.7	0.5	-2.0	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	-0.7	-1.6	-0.1	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	-0.1	-0.9	-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	0.2	0.5	3.0	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	-0.8	0.4	-1.6	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	2.7	-0.04	0.2	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	-0.9	0.5	-0.7	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	-0.9	0.4	0.1	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	-0.5	-0.7	-0.3	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	0.1	-1.7	4.6	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	-0.3	0.9	-0.2	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
1.5	-0.1	3.9	-1.4	0.4	-2.1	3.5	0.5	-0.8	4.0	-0.5	-0.3	1.5	-0.2	Manufacture of metal doors, windows and their frames, shutters and gates
-0.04	0.3	-9.7	4.8	-1.9	-0.3	-0.7	1.3	0.0	-1.2	3.0	-0.2	-0.2	-0.6	Manufacture of other structural metal products
-0.2	0.2	0.9	-1.5	-1.9	-0.4	-0.1	2.3	-1.2	-0.5	0.7	-0.5	-0.9	0.5	Manufacture of tanks, reservoirs and containers of metal
														Other industry
-1.3	0.5	2.2	-0.4	-0.5	-0.2	1.1	0.02	0.1	-0.7	-0.2	-0.2	-1.6	1.1	Manufacture of other fabricated metal products; metal working service activities
-1.7	3.2	3.7	1.0	-0.7	-1.0	1.8	1.2	-0.1	-3.4	1.3	0.1	-1.4	3.0	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-2.4	-1.3	-9.5	-0.8	-1.4	0.1	1.2	-0.4	0.2	-0.5	-4.8	-1.9	0.3	-1.7	Treatment and coating of metals; machining
-0.3	1.4	9.1	-1.6	1.6	-1.1	0.3	1.0	0.1	0.1	-0.2	-0.2	-0.4	1.8	Manufacture of tins and cans for food products, collapsible tubes and boxes
-1.1	-1.8	3.7	-1.0	-1.1	0.05	-0.4	0.1	-0.4	-0.5	-0.5	-0.1	-0.4	-1.9	Manufacture of metal cable, plaited bands and similar articles
-6.1	-0.5	-0.3	1.9	1.5	9.5	-0.03	-0.7	-0.2	-1.4	1.1	-2.1	-0.2	-0.3	Manufacture of bolts, screws, nuts and similar threaded products
-1.5	0.1	4.1	-0.2	-0.9	-0.5	2.9	-1.0	0.4	0.4	0.7	0.2	-3.6	2.4	Manufacture of metal household articles
1.0	1.7	-0.3	-1.6	-0.1	-0.8	-0.1	-0.2	1.0	0.6	-1.2	0.1	-2.2	1.6	Manufacture of any other fabricated metal products n.e.c.
														Other industry
0.4	-3.3	-0.4	3.2	0.5	-0.2	-0.4	-1.9	-0.8	0.2	1.5	0.7	0.3	-2.4	Manufacture of electronic components and boards
-0.1	-3.6	-1.3	4.6	0.4	-0.3	0.2	-2.5	-1.6	0.9	1.7	-0.1	0.6	-3.2	Manufacture of diodes, transistors and similar semiconductor devices
														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	1.9	-0.04	-1.6	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	-0.3	-0.4	-0.2	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	1.5	-0.6	-0.8	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	0.4	1.3	0.1	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	2.7	1.7	-1.5	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	-0.1	2.1	-1.8	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
2.6	-3.3	-1.8	3.0	1.6	0.02	-0.2	-0.6	0.3	0.1	1.5	0.1	2.4	-2.5	Manufacture of measuring, testing, navigating and control equipment
1.0	-0.02	-1.0	3.9	-1.0	-0.01	-0.5	-2.3	-0.2	-1.4	-2.1	-0.9	1.2	1.1	Manufacture of industrial process control equipment
														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	-0.3	0.2	-2.1	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	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	0.5	-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	-1.0	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	-0.2	-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	-1.6	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	-2.7	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	-1.1	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	4.6	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	-1.4	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	-0.6	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	0.6	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	-1.0	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	0.5	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	1.2	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	3.1	-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	-0.7	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	-6.1	2.2	0.1	-0.3	2.4	-5.7
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	1.2	0.5	0.2	1.4	1.9	0.4	0.3	0.5	0.5	-0.6	0.7
		2.0	1.6	1.2	-0.9	1.1	3.3	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	-1.9	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	-1.3	-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	8.2	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	0.1	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	-0.4	1.0	-0.4	0.8	0.1	0.8
30910	Pembuatan motosikal	1.8	-0.6	4.9	1.1	2.3	0.5	-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	2.5	-2.3	-2.0	-1.7	0.1	5.0
	Industri lain	1.8	1.2	-1.5	-2.7	0.9	-1.6	2.5	-0.3	-0.4	0.1	1.7
310	Pembuatan perabot	1.7	-0.1	-0.1	0.2	0.6	0.9	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	0.9	0.0	0.4	0.6	2.4	-0.1
	Industri lain	3.9	-0.8	-1.5	-1.3	3.1	0.9	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	-7.5	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	-1.1	-0.5	0.9	-0.1	-0.8	0.01
32901	Pembuatan alat tulis	-1.6	-2.3	6.2	-0.7	0.7	2.5	-1.9	0.6	-0.3	0.5	-3.2
	Industri lain	0.8	0.01	3.2	0.4	2.6	-2.0	-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	1.1	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	-1.5	-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	-0.9	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	2.1	3.0	0.5	0.6	0.4	-2.0
	Industri lain	0.8	-1.6	0.3	0.9	2.7	-1.5	1.1	-0.7	0.4	-0.8	0.5
Jumlah Pembuatan		-0.5	0.3	0.9	0.3	-0.4	0.2	-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.	Mei	Jun	Jul.	
-0.9	-2.4	-1.4	0.9	-0.8	-0.2	-0.3	-0.1	0.4	1.4	0.6	0.1	-0.1	-0.4	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	0.2	-0.6	3.0	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	0.4	-0.6	-2.4	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	0.1	-0.6	7.1	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	-0.7	-1.4	-2.5	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	-1.1	-1.4	0.5	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	1.7	1.9	-2.1	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	-1.2	-1.7	0.7	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	-0.3	0.6	0.0	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	-0.4	1.2	2.7	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	0.0	-1.4	-2.8	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	-0.1	0.9	-0.5	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	-1.2	2.1	0.3	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	1.0	2.0	-0.4	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
3.8	-1.0	-1.6	-1.5	0.8	1.2	-1.1	1.8	2.9	-4.4	0.3	-4.3	3.4	-1.2	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	-0.4	-5.4	0.3	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	0.4	0.6	0.4	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	-0.4	3.2	1.1	Other industry
0.2	1.9	1.9	-1.0	2.2	-0.2	-2.2	-0.2	0.7	-3.9	0.7	-2.3	-0.3	2.5	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	0.7	-1.3	-0.4	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	-0.9	2.1	1.0	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	0.4	-0.3	-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	0.7	-0.5	2.5	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	1.2	-0.2	3.8	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	3.2	0.1	-0.5	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	0.01	-0.9	1.6	Other industry
-1.8	-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6	-0.2	1.8	0.0	-0.8	-0.7	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	0.4	-1.1	-0.8	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	-1.3	-0.03	-0.2	Other industry
-3.9	-4.6	0.3	-1.2	1.2	0.0	-7.9	-0.4	0.4	3.9	-2.3	-0.8	-4.6	-4.7	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	-0.9	0.5	3.3	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	0.6	1.7	2.0	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	-1.3	0.2	3.7	Other industry
-1.6	0.5	-16.5	-1.1	-1.3	-0.6	-0.6	1.2	0.1	5.6	0.0	-0.4	1.6	-0.3	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	-0.2	-0.7	1.8	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	0.6	-1.1	1.7	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	1.7	-0.2	4.2	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	0.4	-1.3	1.2	Other industry
-0.3	-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1	-0.2	0.5	-0.1	-0.3	0.2	Total Manufacturing

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

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
113	114	121	242	277	Processing and preserving of meat
122	120	118	273	278	Processing and preserving of fish, crustaceans and molluscs
96	96	96	215	224	Canning of fish, crustaceans and molluscs
26	25	22	58	54	Processing, curing and preserving of fish, crustacean and molluscs
50	52	52	130	121	Other industry
4	4	4	9	9	Processing and preserving of fruits and vegetable
47	48	48	122	113	Pineapple canning
884	879	870	1,968	2,045	Manufacture of jams, marmalades and table jellies
59	65	60	127	143	Other industry
30	33	34	71	79	Manufacture of vegetable and animal oils and fats
795	782	776	1,770	1,822	Manufacture of crude and refined vegetable oil
262	266	265	580	619	Manufacture of compound cooking fats
233	236	234	515	548	Manufacture of coconut oil
28	30	31	65	71	Other industry
88	93	87	204	208	Manufacture of dairy products
42	44	42	102	100	Manufacture of condensed, powdered and evaporated milk
40	43	39	88	96	Other industry
6	6	6	14	13	Manufacture of grain mill products, starches and starch products
1,192	1,169	1,151	2,653	2,710	Rice milling
120	114	118	254	275	Flour milling
268	256	258	584	598	Other industry
73	76	73	164	174	Manufacture of other food products
22	20	21	44	48	Manufacture of biscuits and cookies
24	26	24	56	58	Manufacture of bread, cakes and other bakery products
104	104	94	229	229	Manufacture of snack products
139	133	132	291	309	Manufacture of sugar
137	128	127	310	297	Manufacture of cocoa products
305	312	305	721	721	Manufacture of chocolate and chocolate products
303	271	272	640	631	Manufacture of sugar confectionery
166	164	159	348	376	Manufacture of sauces and condiments
121	116	112	245	265	Manufacture of other food products n.e.c.
33	36	35	76	82	Other industry
12	12	12	27	29	Manufacture of prepared animal feeds
18	17	16	38	39	Manufacture of beverages
92	88	90	204	208	Manufacture of soft drinks
64	61	63	142	145	Production of natural mineral waters and other bottled waters
26	25	25	56	57	Other industry
2	2	2	5	5	Manufacture of tobacco products
92	91	92	212	214	Spinning, weaving and finishing of textiles
23	22	23	57	53	Preparation and spinning of textile fibres
68	69	70	155	161	Weaving of textiles
243	247	235	554	557	Dyeing, bleaching, printing and finishing of yarns and fabrics
175	184	172	389	411	Other industry
69	63	63	164	146	Manufacture of other textiles
6	7	7	15	16	Manufacture of knitted and crocheted fabrics
36	36	37	77	85	Other industry
57	57	54	126	128	Manufacture of wearing apparel, except fur apparel
36	36	36	82	83	Manufacture of clothings
21	21	18	44	45	Other industry
148	144	146	320	341	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 (samb.)
Table : *Salaries and Wages Paid of Manufacturing Sector by Group (cont.)*

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
37	37	37	38	40	36	39	40	38	43	42	Processing and preserving of meat
42	41	40	41	41	40	40	39	40	39	40	Processing and preserving of fish, crustaceans and molluscs
33	32	32	32	32	32	32	32	32	32	32	Canning of fish, crustaceans and molluscs
9	9	9	9	9	8	8	8	7	7	7	Processing, curing and preserving of fish, crustacean and molluscs
17	17	17	17	17	17	17	17	17	17	18	Processing and preserving of fruits and vegetable
1	1	1	1	1	1	1	1	1	1	1	Pineapple canning
16	16	16	15	16	16	16	16	16	16	17	Manufacture of jams, marmalades and table jellies
283	285	283	316	296	297	286	287	293	290	295	Manufacture of vegetable and animal oils and fats
19	20	19	20	22	21	21	20	20	20	19	Manufacture of crude and refined vegetable oil
10	10	10	10	11	11	11	11	12	12	12	Manufacture of compound cooking fats
254	255	253	287	263	266	254	256	261	258	264	Manufacture of coconut oil
82	83	84	95	98	83	84	90	84	91	88	Manufacture of dairy products
73	73	75	85	87	74	75	80	74	81	78	Manufacture of condensed, powdered and evaporated milk
9	9	9	10	11	10	9	10	10	10	10	Other industry
29	28	28	32	32	32	29	29	29	29	29	Manufacture of grain mill products, starches and starch products
14	14	14	14	15	15	15	14	14	14	14	Rice milling
13	12	12	16	16	15	12	13	13	13	13	Flour milling
2	2	2	2	2	2	2	2	2	2	2	Other industry
394	388	394	409	393	389	386	381	384	385	391	Manufacture of other food products
40	40	40	40	38	37	40	38	39	40	43	Manufacture of biscuits and cookies
90	85	91	92	87	88	81	86	86	86	85	Manufacture of bread, cakes and other bakery products
24	24	24	25	25	25	26	24	24	25	26	Manufacture of snack products
6	7	7	8	6	7	7	7	7	7	7	Manufacture of sugar
9	8	8	8	9	8	8	9	8	8	8	Manufacture of cocoa products
32	33	34	37	35	36	34	32	31	31	31	Manufacture of chocolate and chocolate products
46	44	45	50	43	43	47	44	44	44	44	Manufacture of sugar confectionery
45	44	46	47	46	42	40	42	43	42	42	Manufacture of sauces and condiments
102	102	100	103	104	104	104	100	102	103	105	Manufacture of other food products n.e.c.
96	98	97	107	96	88	87	95	90	87	89	Manufacture of prepared animal feeds
51	52	55	59	56	54	55	54	52	53	53	Manufacture of beverages
37	37	40	44	39	38	38	38	36	38	37	Manufacture of soft drinks
11	11	11	11	12	12	12	12	11	11	12	Production of natural mineral waters and other bottled waters
4	4	4	4	4	4	4	4	4	4	4	Other industry
5	6	5	7	6	6	6	5	5	5	5	Manufacture of tobacco products
30	30	30	31	31	29	29	30	30	30	30	Spinning, weaving and finishing of textiles
21	21	21	22	22	20	20	20	21	21	22	Preparation and spinning of textile fibres
8	8	9	9	8	8	8	8	8	8	8	Weaving of textiles
1	1	1	1	1	1	1	1	1	1	1	Dyeing, bleaching, printing and finishing of yarns and fabrics
31	30	31	31	31	30	30	30	31	31	31	Other industry
8	8	8	8	7	7	7	7	8	8	8	Manufacture of other textiles
23	23	23	23	23	23	23	23	24	23	23	Manufacture of knitted and crocheted fabrics
77	76	80	87	84	81	81	80	79	75	76	Manufacture of wearing apparel, except fur apparel
54	53	57	64	63	61	60	59	58	54	56	Manufacture of clothings
23	23	23	23	21	21	21	21	21	21	20	Other industry
2	2	2	2	2	2	2	2	2	2	2	Manufacture of articles of fur, knitted and crocheted apparel
12	12	12	12	12	12	12	12	12	12	12	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
18	19	19	19	19	19	18	18	18	17	17	Manufacture of footwear
12	12	12	12	12	12	12	12	12	12	11	Manufacture of leather footwear
7	7	7	7	7	7	7	7	6	5	6	Manufacture of rubber footwear
48	49	49	49	47	49	47	49	48	49	51	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	Q3
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2,184	2,233	558	553	559
16211	Pembuatan kepingan venier dan papan lapis	1,042	1,086	265	268	279
16212	Pembuatan papan partikel dan papan gentian	323	309	87	76	71
16221	Pertukangan kayu untuk jurubina	478	476	114	117	121
	Industri lain	341	362	92	92	87
170	Pembuatan kertas dan produk kertas	2,148	2,162	554	526	529
17010	Pembuatan pulpa, kertas dan kertas tebal	241	235	64	58	54
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	916	922	236	226	228
17091	Pembuatan sampul surat dan kad surat	53	57	14	13	15
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	396	415	109	99	100
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	248	231	57	55	58
	Industri lain	293	302	75	74	73
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	2,382	2,497	623	636	613
18110	Percetakan	2,015	2,097	524	538	512
18120 &	Aktiviti perkhidmatan berkaitan percetakan					
18200	Penerbitan semula media rakaman	368	400	98	98	101
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2,502	2,526	682	571	597
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	3,220	3,031	770	726	750
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	359	331	84	75	87
20112 &	Pembuatan kimia organik asas					
20113	Pembuatan sebatian bukan organik	1,628	1,335	344	326	315
20121 &	Pembuatan baja					
20129	Pembuatan produk campuran nitrogen	287	264	68	64	69
20131	Pembuatan plastik dalam bentuk primer	840	1,002	247	236	255
	Industri lain	107	100	27	26	24
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	2,710	2,812	730	686	690
20210	Pembuatan racun perosak dan produk agrokimia lain	303	358	83	90	89
20221	Pembuatan cat, varnis dan penyadur dan mastik	419	449	119	114	110
20222	Pembuatan dakwat cetak	211	171	46	44	40
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat					
20232	Pembuatan pewangi dan penyediaan dandanan diri	896	881	230	214	217
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials					
20292 &	Pembuatan dakwat menulis dan melukis					
20299	Pembuatan produk kimia lain t.t.t.l.	848	927	245	218	227
	Industri lain	32	26	6	6	7
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	804	811	191	198	204
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	624	618	146	152	154
	Industri lain	180	193	45	46	50
221	Pembuatan produk getah	4,036	4,014	961	987	1,048
22111	Pembuatan tayar getah untuk kenderaan	480	360	103	87	87
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	131	160	36	40	42
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan					
22193	Pengilangan semula getah dan prosesan susu getah	769	826	193	203	210
22192	Pembuatan sarung tangan getah	1,974	2,050	470	503	553
22199	Pembuatan produk getah lain yang t.t.t.l.	683	618	159	154	156
222	Pembuatan produk plastik	8,102	8,291	2,010	2,093	2,079
22201 &	Pembuatan produk plastik separa siap					
22202	Pembuatan produk plastik siap	2,748	2,511	643	634	599
22203	Pembuatan artikel plastik untuk pembungkusan barangan	2,207	2,294	528	578	593
22204	Pembuatan barangan plastik jurubina	119	119	31	30	28
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	584	639	148	156	163
22209	Pembuatan pelbagai produk plastik t.t.t.l.	2,444	2,728	660	696	695
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	921	945	230	243	239

					(RM Juta/Million)
2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
563	568	558	1,298	1,316	Manufacture of products of wood, cork, straw and plaiting materials
273	267	262	627	624	Manufacture of veneer sheets and plywood
75	75	72	187	170	Manufacture of particle board and fibreboard
124	135	133	272	310	Manufacture of builders' carpentry
90	91	91	213	212	Other industry
553	556	532	1,254	1,265	Manufacture of paper and paper products
59	59	56	140	133	Manufacture of pulp, paper and paperboard
232	244	234	536	553	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
15	15	14	32	33	Manufacture of envelopes and letter-card
106	104	99	243	238	Manufacture of household and personal hygiene paper
60	59	56	132	134	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
80	74	73	172	172	Other industry
626	638	653	1,468	1,505	Printing, service activities related to printing and reproduction of recorded media
523	527	549	1,239	1,256	Printing
102	111	104	230	249	Service activities related to printing
					Reproduction of recorded media
675	692	579	1,447	1,467	Manufacture of refined petroleum products
784	802	758	1,743	1,812	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
85	105	98	187	233	Manufacture of liquefied or compressed inorganic industrial or medical gases
					Manufacture of basic organic chemicals
349	347	335	774	792	Manufacture of inorganic compounds
					Manufacture of fertilizers
63	66	71	154	162	Manufacture of associated nitrogen products
264	256	229	566	562	Manufacture of plastics in primary forms
23	28	26	60	63	Other industry
706	720	652	1,646	1,588	Manufacture of other chemical products and man-made fibres
96	111	119	203	268	Manufacture of pesticides and other agrochemical products
106	114	106	271	256	Manufacture of paints, varnishes and similar coatings ink and mastics
41	42	40	104	96	Manufacture of printing ink
					Manufacture of soap and detergents, cleaning and polishing preparations
219	219	191	517	474	Manufacture of perfumes and toilet preparations
					Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
238	227	189	536	480	Manufacture of writing and drawing ink
					Manufacture of other chemical products n.e.c.
6	7	7	15	16	Other industry
218	193	204	456	465	Manufacture of pharmaceuticals, medicinal chemical and botanical products
165	140	148	349	337	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
53	53	56	106	128	Other industry
1,017	982	992	2,288	2,318	Manufacture of rubber products
83	83	76	218	187	Manufacture of rubber tyres for vehicles
41	43	39	91	96	Manufacture of interchangeable tyre treads and retreading rubber tyres
					Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
220	236	230	465	547	Rubber remilling and latex processing
524	484	509	1,147	1,168	Manufacture of rubber gloves
149	137	138	366	320	Manufacture of other rubber products n.e.c.
2,110	2,036	2,091	4,798	4,827	Manufacture of plastics products
					Manufacture of semi-manufactures of plastic products
635	650	667	1,470	1,530	Manufacture of finished plastic products
596	609	667	1,305	1,503	Manufacture of plastic articles for the packing of goods
30	31	32	70	75	Manufacture of builders' plastics ware
171	140	142	357	329	Manufacture of plastic tableware, kitchenware and toilet articles
677	606	583	1,597	1,391	Manufacture of diverse plastic products n.e.c.
232	220	228	553	522	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.	Ogo.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	189	185	183	185	186	182	188	186
	16211 Pembuatan kepingan venier dan papan lapis	91	88	86	89	91	89	93	93
	16212 Pembuatan papan partikel dan papan gentian	29	29	29	26	26	24	24	23
	16221 Pertukangan kayu untuk jurubina	38	38	38	39	39	39	41	40
	Industri lain	31	30	31	31	30	30	29	29
170	Pembuatan kertas dan produk kertas	184	186	183	176	174	175	174	175
	17010 Pembuatan pulpa, kertas dan kertas tebal	21	22	22	21	19	18	18	18
	17020 Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	80	78	78	75	74	77	74	76
	17091 Pembuatan sampul surat dan kad surat	5	4	5	5	4	4	5	5
	17092 Pembuatan kertas kegunaan rumah dan pembersih peribadi	35	38	36	33	34	33	35	32
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19	19	19	18	18	19	19	19
	Industri lain	25	25	25	24	25	25	24	25
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	204	210	209	209	214	213	210	206
	18110 Percetakan	170	178	177	178	180	180	176	172
	18120 Aktiviti perkhidmatan berkaitan percetakan &	34	33	32	31	34	33	33	35
	18200 Penerbitan semula media rakaman								
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	216	216	250	188	185	198	194	195
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	260	250	260	252	234	241	246	255
	20111 Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	28	28	28	25	25	25	28	27
	20112 & 20113 Pembuatan kimia organik asas	116	113	116	119	101	107	104	108
	20121 & 20129 Pembuatan sebatian bukan organik								
	20121 & 20129 Pembuatan bajaPembuatan produk campuran nitrogen	23	21	24	22	21	21	22	25
	20131 Pembuatan plastik dalam bentuk primer	84	79	84	77	79	80	84	86
	Industri lain	10	9	8	10	8	8	8	8
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	233	248	250	239	222	226	229	232
	20210 Pembuatan racun perosak dan produk agrokimia lain	26	27	30	30	30	31	29	30
	20221 Pembuatan cat, varnis dan penyadur dan mastik	37	44	38	39	37	38	38	37
	20222 Pembuatan dakwat cetak	15	16	15	16	14	14	14	13
	20231 Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	70	79	82	72	71	72	72	74
	20232 Pembuatan pewangi dan penyediaan dandanan diri								
	20291 & 20292 Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	82	81	83	80	68	69	74	76
	20292 & 20299 Pembuatan dakwat menulis dan melukis								
	20299 Pembuatan produk kimia lain t.t.t.l.	2	2	2	2	2	2	2	2
	Industri lain								
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	66	62	63	68	65	65	67	69
	21001 Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	51	47	48	53	49	50	51	52
	Industri lain	15	15	15	16	15	15	16	17
221	Pembuatan produk getah	325	318	318	315	326	347	340	353
	22111 Pembuatan tayar getah untuk kenderaan	40	33	30	28	28	30	29	30
	22112 Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	12	11	14	13	14	14	14	14
	22191 & 22193 Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	66	60	67	66	68	69	70	69
	Pengilangan semula getah dan prosesan susu getah								
	22192 Pembuatan sarung tangan getah	155	160	155	156	163	184	174	188
	22199 Pembuatan produk getah lain yang t.t.t.l.	53	54	52	52	52	50	53	53
222	Pembuatan produk plastik	678	663	668	702	707	683	696	696
	22201 & 22202 Pembuatan produk plastik separa siap	220	221	202	214	216	204	193	203
	22202 Pembuatan produk plastik siap								
	22203 Pembuatan artikel plastik untuk pembungkusan barangan	178	166	184	195	197	186	200	198
	22204 Pembuatan barangan plastik jurubina	10	10	11	10	10	10	10	9
	22205 Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	48	49	51	51	52	53	52	56
	22209 Pembuatan pelbagai produk plastik t.t.t.l.	222	217	221	232	232	231	241	230
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	77	75	79	81	82	81	80	80

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
186	185	187	191	192	188	188	189	188	182	189	Manufacture of products of wood, cork, straw and plaiting materials
93	90	92	91	92	88	87	86	89	87	94	Manufacture of veneer sheets and plywood
24	24	25	25	25	25	25	25	24	23	23	Manufacture of particle board and fibreboard
39	41	39	44	45	45	45	46	45	42	42	Manufacture of builders' carpentry
29	29	30	31	30	30	31	32	29	30	30	Other industry
179	183	181	188	185	187	184	178	177	177	177	Manufacture of paper and paper products
19	20	19	20	19	21	19	19	18	18	18	Manufacture of pulp, paper and paperboard
78	78	77	77	82	80	82	78	78	77	75	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
5	5	5	5	5	5	5	5	5	5	5	Manufacture of envelopes and letter-card
34	34	33	38	34	37	34	33	33	33	35	Manufacture of household and personal hygiene paper
20	20	20	20	20	20	20	19	19	18	19	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
24	26	26	28	25	24	25	25	24	25	25	Other industry
197	200	207	219	209	216	213	214	220	219	214	Printing, service activities related to printing and reproduction of recorded media
164	166	173	184	171	179	177	180	185	184	180	Printing
33	34	34	35	38	37	36	34	35	34	35	Service activities related to printing
											Reproduction of recorded media
208	219	212	244	219	219	253	192	187	199	196	Manufacture of refined petroleum products
250	252	258	274	259	268	275	267	246	245	252	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
31	28	28	29	32	34	39	33	33	32	31	Manufacture of liquefied or compressed inorganic industrial or medical gases
103	110	115	124	110	120	118	121	106	108	110	Manufacture of basic organic chemicals
											Manufacture of inorganic compounds
22	22	21	20	21	21	24	23	25	24	25	Manufacture of fertilizers
											Manufacture of associated nitrogen products
85	85	86	93	87	84	85	81	74	74	77	Manufacture of plastics in primary forms
8	7	8	8	9	9	10	9	8	9	9	Other industry
229	230	226	249	238	239	243	228	211	213	216	Manufacture of other chemical products and man-made fibres
29	32	31	32	36	35	40	39	40	40	38	Manufacture of pesticides and other agrochemical products
35	34	35	38	38	39	37	38	33	35	36	Manufacture of paints, varnishes and similar coatings ink and mastics
13	13	13	15	14	14	14	15	13	13	13	Manufacture of printing ink
71	71	68	80	70	71	78	65	64	63	64	Manufacture of soap and detergents, cleaning and polishing preparations
											Manufacture of perfumes and toilet preparations
78	78	77	83	77	78	73	70	60	60	63	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	2	2	Manufacture of other chemical products n.e.c.
											Other industry
68	70	68	79	67	62	63	69	67	67	69	Manufacture of pharmaceuticals, medicinal chemical and botanical products
51	53	51	60	49	46	45	50	48	49	49	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
17	17	17	19	18	17	18	19	19	18	20	Other industry
355	346	342	330	337	323	323	317	326	348	343	Manufacture of rubber products
28	27	28	28	32	27	24	23	26	27	28	Manufacture of rubber tyres for vehicles
14	14	14	14	15	14	14	13	13	12	14	Manufacture of interchangeable tyre treads and retreading rubber tyres
72	73	72	75	81	75	80	76	77	77	81	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
											Rubber remilling and latex processing
190	183	178	163	163	163	158	159	165	185	176	Manufacture of rubber gloves
51	49	50	50	46	45	46	46	45	46	45	Manufacture of other rubber products n.e.c.
687	693	702	714	686	675	676	705	709	677	700	Manufacture of plastics products
203	208	211	216	217	222	212	224	225	217	213	Manufacture of semi-manufactures of plastic products
											Manufacture of finished plastic products
195	198	198	200	206	191	212	224	226	217	227	Manufacture of plastic articles for the packing of goods
10	10	10	10	10	10	11	11	11	11	11	Manufacture of builders' plastics ware
55	56	57	59	45	47	48	47	48	47	47	Manufacture of plastic tableware, kitchenware and toilet articles
224	221	226	229	208	205	193	199	199	185	202	Manufacture of diverse plastic products n.e.c.
80	77	77	78	74	72	74	77	76	75	74	Manufacture of glass and glass products

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

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

2025		2024		2025	Group Description/Period
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
1,024	1,013	1,016	2,262	2,362	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
89	88	84	201	199	Manufacture of non-refractory ceramic
41	40	42	83	96	Manufacture of other porcelain and ceramic products
57	57	49	150	125	Manufacture of hydraulic cement
204	219	226	439	520	Manufacture of ready-mix and dry-mix concrete and mortars
					Manufacture of precast concrete, cement or artificial stone articles for use in construction
355	335	327	790	769	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
172	169	180	360	406	Manufacture of other articles of concrete, cement and plaster n.e.c.
106	105	108	239	247	Manufacture of other non-metallic mineral products n.e.c. Other industry
603	622	597	1,408	1,411	Manufacture of basic iron and steel
393	434	411	941	977	Manufacture of basic precious and other non-ferrous metals
97	101	101	233	237	Casting of metals
448	470	460	1,047	1,086	Manufacture of structural metal products, tanks, reservoirs, steam generators, weapons and ammunition
216	220	204	504	492	Manufacture of metal doors, windows and their frames, shutters and gates Manufacture of other structural metal products
185	199	204	426	473	Manufacture of tanks, reservoirs and containers of metal
47	51	52	117	121	Other industry
1,152	1,198	1,169	2,645	2,746	Manufacture of other fabricated metal products; metal working service activities
213	218	218	445	509	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
123	128	122	299	290	Treatment and coating of metals; machining
165	168	153	362	374	Manufacture of tins and cans for food products, collapsible tubes and boxes
300	320	312	747	732	Manufacture of metal cable, plaited bands and similar articles Manufacture of bolts, screws, nuts and similar threaded products
17	18	19	41	44	Manufacture of metal household articles
277	291	294	635	676	Manufacture of any other fabricated metal products n.e.c.
57	53	52	116	122	Other industry
2,861	2,796	2,721	6,722	6,403	Manufacture of electronic components and boards Manufacture of diodes, transistors and similar semiconductor devices
1,942	1,898	1,853	4,397	4,364	Manufacture of electronic integrated circuits micro assemblies
					Manufacture of electrical capacitors and resistors
807	784	751	2,035	1,770	Manufacture of printed circuit boards
112	114	117	290	269	Manufacture of display components Manufacture of other components for electronic applications
998	932	943	1,865	2,194	Manufacture of computers and peripheral equipment
208	223	206	464	493	Manufacture of communication equipment
249	260	273	621	603	Manufacture of consumer electronics
941	921	1,007	2,087	2,285	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
897	877	962	1,976	2,179	Manufacture of watches and clocks and parts
45	44	45	111	105	Manufacture of watches and clocks and parts
198	181	176	454	415	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

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

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
327	335	340	349	341	332	340	339	340	337	333	Manufacture of non-metallic mineral products n.e.c.
29	28	28	32	28	28	31	28	28	28	28	Manufacture of refractory mortars and concretes
14	13	13	14	13	13	13	13	15	14	15	Manufacture of non-refractory ceramic
19	19	19	20	21	18	18	18	16	16	18	Manufacture of other porcelain and ceramic products
65	66	67	71	74	72	73	74	75	77	75	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
114	119	121	115	116	109	111	110	111	106	107	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
53	56	57	60	54	55	60	59	60	61	57	Manufacture of other articles of concrete, cement and plaster n.e.c.
34	34	35	37	35	35	35	37	36	35	34	Manufacture of other non-metallic mineral products n.e.c.
											Other industry
195	191	194	218	212	203	207	203	197	196	192	Manufacture of basic iron and steel
129	126	126	141	147	148	138	141	137	133	133	Manufacture of basic precious and other non-ferrous metals
33	33	32	33	35	33	34	34	34	34	34	Casting of metals
148	148	146	153	162	156	153	152	156	152	156	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
70	72	71	73	79	71	70	68	69	68	68	Manufacture of metal doors, windows and their frames, shutters and gates
62	61	60	65	65	67	66	67	70	67	71	Manufacture of other structural metal products
16	16	16	16	17	17	17	18	17	17	18	Manufacture of tanks, reservoirs and containers of metal
											Other industry
378	376	374	402	401	400	396	391	392	385	380	Manufacture of other fabricated metal products; metal working service activities
67	68	68	76	72	72	74	73	75	70	73	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
37	41	38	45	42	43	43	41	41	40	40	Treatment and coating of metals; machining
52	53	55	57	57	56	55	50	51	51	53	Manufacture of tins and cans for food products, collapsible tubes and boxes
											Manufacture of metal cable, plaited bands and similar articles
105	99	97	104	107	108	105	106	102	104	100	Manufacture of bolts, screws, nuts and similar threaded products
6	6	6	6	6	6	6	6	6	6	6	Manufacture of metal household articles
93	91	91	95	98	97	96	97	99	97	92	Manufacture of any other fabricated metal products n.e.c.
19	19	19	20	18	18	17	17	17	17	17	Other industry
921	914	919	1,028	935	937	924	914	897	910	887	Manufacture of electronic components and boards
624	622	620	700	639	634	625	644	591	619	614	Manufacture of diodes, transistors and similar semiconductor devices
											Manufacture of electronic integrated circuits micro assemblies
											Manufacture of electrical capacitors and resistors
262	256	263	288	260	265	259	232	267	252	235	Manufacture of printed circuit boards
											Manufacture of display components
35	36	36	40	36	38	39	38	40	39	38	Manufacture of other components for electronic applications
321	318	312	369	319	316	298	289	329	325	319	Manufacture of computers and peripheral equipment
64	63	76	70	75	74	74	73	74	59	64	Manufacture of communication equipment
72	82	81	85	85	86	89	90	92	91	70	Manufacture of consumer electronics
281	306	305	331	297	313	311	317	323	368	356	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
266	291	289	316	282	298	296	302	307	352	340	Manufacture of measuring, testing, navigating and control equipment
15	15	15	14	15	15	14	15	15	16	16	Manufacture of industrial process control equipment
											Manufacture of watches and clocks and parts
67	66	65	66	60	61	61	59	61	56	57	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

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

					Group Description/Period
2025		2024		2025	
Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	
134	127	132	309	303	Manufacture of optical instruments, photographic equipment, magnetic and optical media
314	326	329	750	768	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
134	140	146	299	335	Manufacture of electric motors, generators and transformers
180	186	183	451	433	Manufacture of electricity distribution and control apparatus
141	133	151	352	336	Manufacture of batteries and accumulators
230	224	218	538	518	Manufacture of wiring and wiring devices
25	25	27	54	61	Manufacture of fibre optic cables
197	191	182	463	437	Manufacture of other electronic and electric wires and cables
8	9	9	20	20	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
76	83	84	162	198	Manufacture of electric lighting equipment
86	77	62	205	159	Manufacture of domestic appliances
141	142	154	282	347	Manufacture of other electrical equipment
1,158	1,146	1,073	2,538	2,585	Manufacture of general-purpose and special-purpose machinery
75	50	50	137	117	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
250	243	232	494	552	Manufacture of metal-forming machinery and machine tools
164	189	165	385	414	Manufacture of air-conditioning machines, including for motor vehicles
128	104	92	284	227	Manufacture of other special-purpose machinery n.e.c.
542	559	534	1,237	1,275	Other industry
264	225	219	583	519	Manufacture of motor vehicles
107	106	104	243	245	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
575	567	625	1,299	1,394	Manufacture of parts and accessories for motor vehicles
95	105	104	208	244	Building of ships and boats
218	219	217	510	507	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
142	144	143	319	333	Manufacture of motorcycles
21	20	22	52	50	Manufacture of bicycles and invalid carriages
55	55	52	139	125	Other industry
693	700	672	1,575	1,595	Manufacture of furniture
563	569	548	1,286	1,298	Manufacture of wooden and cane furniture
129	131	124	289	297	Other industry
66	74	71	155	168	Manufacture of jewellery, bijouterie and related articles
213	214	209	447	495	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
40	41	42	85	98	Manufacture of stationery
173	173	166	361	397	Other industry
13	14	14	35	32	Manufacture of sports goods
62	48	55	137	122	Manufacture of games and toys
357	365	363	835	844	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
69	70	69	192	158	Repair and maintenance of transport equipment except motorcycles and bicycles
288	295	294	643	686	Other industry
25,470	25,268	24,951	57,447	58,531	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.	Ogo.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan pengagihan dan pengawalan elektrik	44	45	49	44	42	44	42	41
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	109	104	103	101	110	111	112	108
27101	Pembuatan motor elektrik, penjana dan transformer	46	41	41	38	43	44	45	45
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	63	64	61	63	67	67	66	63
272/ 27200	Pembuatan bateri dan akumulator	44	50	48	50	54	53	52	51
273	Pembuatan pendawaian dan peranti pendawaian	80	78	77	68	78	77	81	78
27310	Pembuatan kabel gentian optikal	7	7	7	8	8	9	9	8
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	70	67	67	57	67	65	69	67
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	3	3	3	3	3	3	3	3
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	24	23	23	20	23	23	26	26
275/ 27500	Pembuatan perkakasan domestik	32	32	32	25	29	29	28	30
279/ 27900	Pembuatan kelengkapan elektrik lain	42	37	38	40	41	44	41	43
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	386	380	365	356	349	347	355	356
28120 & 28130	Pembuatan alat-alat kuasa bendalir	20	20	19	19	20	20	20	21
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	74	75	68	67	69	69	72	72
28192	Pembuatan jentera pembentukan logam dan alatan mesin								
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	58	63	61	51	51	51	51	49
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	44	41	40	41	39	40	39	40
	Industri lain	190	181	177	178	170	168	173	175
291 (29101 & 29102)	Pembuatan kenderaan bermotor	90	90	81	80	82	81	80	84
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	36	36	33	34	34	34	35	35
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	172	176	176	195	197	195	188	188
301 (30110 & 30120)	Pembinaan kapal dan bot	29	28	32	29	30	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	69
30910	Pembuatan motosikal	45	45	47	46	47	45	44	44
30920	Pembuatan basikal dan invalid carriages	7	7	7	7	7	7	9	7
	Industri lain	19	21	21	20	20	19	19	18
310	Pembuatan perabot	237	229	228	221	226	217	217	220
31001	Pembuatan perabot kayu dan rotan	194	188	187	180	185	177	175	178
	Industri lain	43	42	41	41	41	40	42	42
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	22	23	23	22	22	22	22	21
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	64	64	64	63	64	63	65	66
32901	Pembuatan alat tulis	12	12	12	12	12	12	13	14
	Industri lain	51	52	52	52	52	51	53	52
323/ 32300	Pembuatan barangan sukan	5	5	5	5	5	5	5	4
324/ 32400	Pembuatan permainan dan mainan	18	18	20	21	21	21	20	21
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	120	121	121	123	120	116	114	114
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	27	30	29	30	28	27	22	22
	Industri lain	93	91	92	93	92	89	92	92
Jumlah Pembuatan		8,350	8,243	8,230	8,112	8,191	8,198	8,124	8,119

2025											Group Description/Period
Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	
43	43	43	48	41	42	44	43	44	45	44	Manufacture of optical instruments, photographic equipment, magnetic and optical media
108	104	98	112	112	107	107	103	113	112	114	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
47	45	44	45	47	45	48	45	50	51	49	Manufacture of electric motors, generators and transformers
61	58	54	67	64	62	59	59	63	61	64	Manufacture of electricity distribution and control apparatus
52	50	47	44	44	45	44	46	51	54	51	Manufacture of batteries and accumulators
75	79	72	79	75	74	74	68	75	75	76	Manufacture of wiring and wiring devices
8	8	8	9	8	8	9	9	9	9	9	Manufacture of fibre optic cables
64	68	61	68	65	63	63	56	63	63	64	Manufacture of other electronic and electric wires and cables
3	3	3	3	3	3	3	3	3	3	3	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
25	24	24	28	26	29	28	28	28	28	31	Manufacture of electric lighting equipment
27	27	29	30	27	25	25	21	21	20	20	Manufacture of domestic appliances
45	45	47	50	49	46	46	49	51	54	52	Manufacture of other electrical equipment
366	375	375	408	389	386	370	363	354	356	366	Manufacture of general-purpose and special-purpose machinery
21	24	23	27	17	17	17	16	17	17	16	Manufacture of fluid power equipment
79	80	79	90	86	82	76	79	77	76	77	Manufacture of other pumps, compressors, taps and valves
50	51	54	59	61	66	63	54	54	58	60	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
41	42	42	43	38	35	31	31	30	30	31	Manufacture of metal-forming machinery and machine tools
175	177	177	188	188	187	184	183	176	175	182	Manufacture of air-conditioning machines, including for motor vehicles
84	83	82	99	78	79	69	68	74	78	75	Manufacture of other special-purpose machinery n.e.c.
35	35	35	37	36	36	34	34	35	35	36	Other industry
187	191	187	198	186	190	191	212	206	207	203	Manufacture of motor vehicles
31	31	32	33	33	34	38	35	35	35	34	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
71	72	72	73	73	73	73	72	74	71	71	Manufacture of parts and accessories for motor vehicles
46	47	47	48	48	48	47	46	50	47	46	Building of ships and boats
7	7	7	7	7	7	7	7	7	7	8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
18	18	18	18	19	18	18	18	17	17	17	Manufacture of motorcycles
227	227	227	239	238	232	230	223	228	222	223	Manufacture of bicycles and invalid carriages
184	183	184	196	194	188	186	181	187	180	181	Other industry
43	44	43	43	44	44	43	42	41	41	42	Manufacture of furniture
21	22	21	23	24	24	25	24	24	23	23	Manufacture of wooden and cane furniture
66	68	70	75	71	71	72	71	69	69	73	Manufacture of jewellery, bijouterie and related articles
14	13	13	14	14	14	14	14	14	14	15	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
53	55	57	61	57	58	58	57	55	54	58	Manufacture of stationery
4	4	4	5	4	5	5	5	5	5	4	Other industry
21	20	20	22	15	16	17	18	19	19	18	Manufacture of sports goods
114	115	119	124	120	122	122	124	121	117	116	Manufacture of games and toys
22	21	23	25	22	24	24	25	23	22	18	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
91	94	96	99	98	98	98	100	99	96	98	Repair and maintenance of transport equipment except motorcycles and bicycles
											Other industry
8,231	8,282	8,298	8,890	8,479	8,410	8,379	8,306	8,315	8,330	8,312	Total Manufacturing

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				2025				2024	2025	2024		
			2024	Q1	Q2	Q3	Q4	Q1	Q2		(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
101	Pemprosesan dan pengawetan daging	17.9	0.2	0.01	-2.0	1.2	1.6	10.7	16.9	-0.5	14.6	-1.8	0.2	1.7	
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	0.5	0.03	-1.2	1.9	1.3	2.3	1.8	-0.7	1.8	0.9	0.1	-1.0	
	10201 Pengetinan ikan, krustasea dan moluska	7.4	-2.3	-3.3	-4.2	-1.4	-0.4	3.3	4.6	-3.9	4.0	-2.3	-2.9	-4.9	
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	0.3	12.4	15.0	11.7	15.9	7.7	-1.3	-8.8	13.7	-6.4	15.0	13.3	16.7	
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	17.9	-3.8	2.8	-5.5	-4.7	-7.7	-8.0	-6.3	-1.6	-6.8	6.4	-0.6	2.8	
	10303 Pengetinan nanas	39.3	-4.0	-4.0	-8.1	-4.1	0.9	0.7	0.8	-6.1	1.1	7.2	-8.7	-9.0	
	10304 Pembuatan jem, marmalad dan sajian jeli Industri lain	16.6	-3.8	3.3	-5.3	-4.7	-8.4	-8.7	-6.8	-1.3	-7.4	6.4	-0.02	3.8	
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	7.9	6.9	5.7	8.7	7.1	6.2	6.4	2.1	7.4	3.9	5.3	7.0	4.7	
	10404 Pembuatan minyak sayuran mentah dan bertapis	-0.1	2.8	-1.8	-3.0	7.9	8.7	18.8	10.0	-0.9	13.0	-2.4	-2.2	-1.0	
	10406 Pembuatan sebatian lemak masakan	22.9	5.8	14.9	11.0	-0.3	-0.8	8.0	13.0	11.2	11.3	12.0	12.9	19.7	
	10405 Pembuatan minyak kelapa Industri lain	8.1	7.3	5.9	9.5	7.4	6.3	5.4	1.1	7.9	2.9	5.6	7.5	4.6	
105	Pembuatan produk tenusu	5.3	8.8	9.8	6.5	10.2	8.8	7.8	7.3	9.8	6.8	22.9	-1.0	8.0	
	10502 Pembuatan susu pekat, tepung dan sejat Industri lain	5.1	9.4	10.2	6.1	11.5	10.0	7.3	7.3	10.1	6.4	25.9	-2.4	8.3	
		7.4	3.9	6.0	9.6	0.7	-0.1	11.3	7.1	7.2	9.3	1.4	10.7	6.4	
106	Pembuatan produk bijian, kanji dan produk berkanji	3.9	-8.9	-6.1	-12.5	-9.9	-6.9	3.2	1.1	-9.7	2.1	2.7	-11.0	-10.0	
	10611 Pengilangan beras	3.9	-7.1	-6.20	-7.8	-8.4	-5.9	-2.3	-2.4	-7.5	-2.4	-1.4	-8.9	-8.0	
	10613 Pengilangan tepung Industri lain	4.4	-11.4	-5.8	-18.9	-12.4	-7.9	10.9	6.8	-12.8	8.9	9.8	-14.2	-13.6	
		-0.1	-5.1	-7.5	-2.8	-3.5	-6.6	-5.0	-8.4	-5.1	-7.3	-12.8	-6.3	-2.3	
107	Pembuatan produk makanan lain	7.9	2.7	5.6	3.9	1.5	0.2	1.2	2.4	4.2	2.2	6.0	5.7	5.1	
	10711 Pembuatan biskut dan cookies	14.3	5.9	6.2	5.5	6.2	5.7	6.9	8.2	5.7	8.1	7.5	5.6	5.3	
	10712 Pembuatan roti, kek dan produk bakeri lain	6.7	3.5	4.4	4.0	2.5	3.3	2.9	1.8	3.2	2.4	2.4	7.6	3.1	
	10713 Pembuatan produk snek	7.9	13.9	12.8	18.7	14.2	10.3	9.2	3.7	16.0	6.7	13.9	11.1	13.5	
	10721 Pembuatan gula	-11.9	9.2	10.3	10.2	3.6	12.5	3.0	10.1	10.2	7.9	3.5	9.2	18.8	
	10731 Pembuatan produk koko	4.9	-1.1	0.6	1.2	-1.7	-4.4	12.5	-1.9	0.2	4.7	12.7	-8.3	-2.3	
	10732 Pembuatan coklat dan produk coklat														
	&	1.0	-2.3	2.4	2.5	-6.7	-6.7	0.6	-0.6	1.9	0.02	5.4	0.8	1.0	
	10733 Pembuatan konfeksi gula														
	10793 Pembuatan sos dan bahan perasa	16.3	20.8	29.2	18.2	20.0	16.7	2.6	9.0	23.0	6.3	27.1	35.3	25.9	
	10799 Pembuatan produk makanan lain t.t.t.l. Industri lain	17.2	-5.3	2.7	-3.0	-10.3	-9.7	-7.9	-1.9	-1.6	-4.1	6.2	-0.7	2.3	
		4.3	-2.2	-0.3	-1.2	-1.6	-5.6	-1.2	0.3	-0.6	0.01	0.3	-0.6	-0.5	
108/ 10800	Pembuatan makanan haiwan tersedia	7.6	-0.3	-0.7	-2.2	0.9	0.5	-2.9	0.3	-1.9	-1.5	10.6	-6.8	-5.3	
110	Pembuatan minuman ringan	7.7	7.3	6.7	7.2	7.4	7.9	8.9	6.7	7.1	7.9	6.6	6.4	7.1	
	11041 Pembuatan minuman ringan	9.4	6.9	4.2	5.0	7.7	10.4	10.6	6.1	5.0	8.1	4.1	3.8	4.7	
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	1.4	2.9	7.2	3.9	2.5	-1.8	4.2	8.6	5.5	7.1	8.5	8.6	4.4	
		12.9	28.0	33.8	48.6	21.7	13.3	6.7	6.8	39.7	7.8	28.9	27.5	46.6	
120/ 12000	Pembuatan produk tembakau	4.8	-0.6	-3.5	-1.4	2.2	0.7	0.5	4.0	-1.8	2.3	-0.9	-5.8	-3.8	
131	Pemintalan, penenunan dan penyiapan tekstil	-2.5	2.9	1.5	4.7	2.4	3.1	3.9	1.1	3.4	2.1	1.8	1.8	0.8	
	13110 Penyediaan dan pemintalan gentian tekstil	0.3	4.1	4.8	6.1	2.6	3.0	4.0	1.0	5.3	2.3	5.5	6.4	2.6	
	&														
	13120 Penenunan tekstil														
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	-8.9	0.8	-5.8	1.6	3.2	4.7	4.4	1.4	-0.9	2.2	-6.6	-7.5	-3.3	
		1.4	-6.0	-0.82	2.6	-10.5	-15.0	-5.0	0.3	0.1	-2.4	-0.9	-0.5	-1.1	
139	Pembuatan tekstil lain	13.1	1.0	3.0	0.2	0.8	-0.1	-0.2	1.3	1.4	0.8	3.4	2.0	3.6	
	13910 Pembuatan fabrik dikait dan dikrusye Industri lain	3.3	-3.8	0.9	-2.3	-2.8	-10.6	-8.2	-10.4	-1.0	-7.9	1.6	-4.5	5.8	
		17.5	2.8	3.8	1.2	2.2	4.1	2.6	5.7	2.4	4.0	4.1	4.5	2.8	
141	Pembuatan pakaian, kecuali pakaian berbulu	5.8	1.0	2.7	1.5	0.9	-1.2	0.7	0.7	2.0	0.7	2.2	2.8	3.2	
	14102 Pembuatan pakaian Industri lain	6.3	5.3	7.1	5.5	5.5	3.1	5.8	5.5	6.2	5.6	5.3	7.3	8.7	
		4.8	-8.1	-6.5	-6.7	-8.5	-10.8	-11.9	-10.4	-6.7	-10.9	-4.7	-6.6	-8.1	
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	-1.6	3.4	6.4	4.5	0.9	2.1	4.8	1.4	5.0	3.5	0.4	9.7	9.6	
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5.2	5.3	-0.2	4.6	8.6	7.9	11.8	9.4	3.0	10.5	-0.7	-0.8	1.0	
152	Pembuatan kasut	6.5	2.0	2.7	0.6	1.7	3.1	1.4	1.8	1.7	1.5	4.0	3.2	0.9	
	15201 Pembuatan kasut kulit	2.8	-5.3	-6.6	-7.2	-4.9	-2.2	-1.2	2.6	-6.6	1.0	-5.7	-5.3	-8.8	
	&														
	15203 Pembuatan kasut getah Industri lain	16.2	18.8	26.1	19.7	16.7	13.8	6.3	0.3	22.2	2.5	28.9	24.6	24.8	
161/ 16100	Pengilangan dan pengetaman kayu	1.1	6.9	2.0	6.5	8.7	10.4	5.7	7.6	4.8	6.8	0.4	0.5	5.3	

2025																	Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.		
-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	9.2	23.7	19.1	Processing and preserving of meat	
-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	2.2	0.05	0.3	Processing and preserving of fish, crustaceans and molluscs Canning of fish, crustaceans and molluscs	
-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	5.0	3.1	4.3	Processing, curing and preserving of fish, crustacean and molluscs	
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	-8.5	-11.6	-14.4	Other industry	
-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	-6.3	-4.5	-4.9	Processing and preserving of fruits and vegetable Pineapple canning	
-7.4	-8.5	-8.5	-6.0	-6.4	0.3	4.1	-0.3	-0.9	-4.7	5.3	1.6	0.0	-0.9	3.3	3.3	Manufacture of jams, marmalades and table jellies	
-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	-6.7	-5.0	-5.5	Other industry	
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	1.9	2.7	2.0	Manufacture of vegetable and animal oils and fats Manufacture of crude and refined vegetable oil	
-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	11.1	10.3	4.4	Manufacture of compound cooking fats	
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	14.9	15.8	16.3	Manufacture of coconut oil	
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	0.8	1.7	1.3	Other industry	
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	1.7	13.1	2.4	Manufacture of dairy products	
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	0.8	14.1	1.5	Manufacture of condensed, powdered and evaporated milk	
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	8.6	5.2	9.9	Other industry	
-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	0.3	1.4	1.6	Manufacture of grain mill products, starches and starch products	
-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	-3.3	-2.9	-3.0	Rice milling	
-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	6.4	8.6	8.8	Flour milling	
-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	-11.0	-11.0	-10.7	Other industry	
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	2.4	3.1	4.6	Manufacture of other food products	
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	7.2	10.4	11.2	Manufacture of biscuits and cookies	
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	1.4	2.8	2.9	Manufacture of bread, cakes and other bakery products	
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	5.0	2.7	7.9	Manufacture of snack products	
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	8.9	8.0	15.7	Manufacture of sugar	
-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	-3.1	-6.6	2.6	Manufacture of cocoa products	
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	-0.4	-0.7	-0.2	Manufacture of chocolate and chocolate products	
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	11.3	11.1	10.0	Manufacture of sugar confectionery	
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	-0.8	-2.0	1.8	Manufacture of sauces and condiments	
-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	-0.5	1.4	2.6	Manufacture of other food products n.e.c.	
-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	-0.1	-5.0	-2.3	Manufacture of prepared animal feeds	
7.3	6.1	8.3	8.1	8.3	6.0	6.3	8.4	9.0	8.6	8.8	9.1	6.0	6.3	7.8	8.4	Manufacture of beverages	
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	5.9	7.4	6.7	Manufacture of soft drinks	
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	8.2	9.5	12.1	Production of natural mineral waters and other bottled waters	
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	4.9	7.0	14.7	Other industry	
-2.6	-2.9	1.4	2.9	2.6	1.1	0.7	0.5	0.9	0.7	0.6	0.3	4.2	3.7	4.2	3.4	Manufacture of tobacco products	
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	0.5	0.3	0.3	Spinning, weaving and finishing of textiles	
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	1.2	1.0	1.3	Preparation and spinning of textile fibres	
-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	-1.3	-1.0	-2.2	Weaving of textiles	
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	-1.4	-1.8	-2.3	Dyeing, bleaching, printing and finishing of yarns and fabrics	
-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	1.8	1.3	2.4	Other industry	
-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	-9.9	-10.4	1.3	Manufacture of other textiles	
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	6.2	5.9	2.7	Manufacture of knitted and crocheted fabrics	
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	0.7	0.5	0.6	Other industry	
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	5.8	4.9	4.8	Manufacture of wearing apparel, except fur	
-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	-11.0	-9.3	-9.5	Manufacture of clothings	
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	0.8	1.4	5.9	Other industry	
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	10.0	7.7	10.0	Manufacture of articles of fur, knitted and crocheted apparel	
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	0.8	1.6	0.9	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	
-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	2.2	3.5	3.2	Manufacture of footwear	
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	-1.6	-2.4	-3.4	Manufacture of leather footwear	
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	7.0	8.6	7.6	Manufacture of rubber footwear	
																Other industry	
																Sawmilling and planning of wood	

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	2024		
					Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain		5.8	2.2	2.6	3.4	2.3	0.7	1.9	1.0	3.1	1.3	4.3	1.7	1.8
16211	Pembuatan kepingan venier dan papan lapis		3.4	4.2	3.9	6.8	5.2	1.1	0.7	-2.2	5.5	-0.5	7.9	2.5	1.2
16212	Pembuatan papan partikel dan papan gentian		8.0	-4.3	6.3	-1.6	-11.0	-10.8	-13.7	-5.8	0.9	-9.3	5.2	5.4	8.4
16221	Pertukangan kayu untuk jurubina		11.6	-0.5	-6.8	-4.6	1.8	8.2	18.7	14.3	-4.3	14.1	-7.4	-7.1	-5.8
	Industri lain		3.6	6.1	8.6	9.1	6.5	0.6	-1.0	-1.0	8.7	-0.3	9.7	8.5	7.6
170	Pembuatan kertas dan produk kertas		2.3	0.6	1.1	0.4	0.5	0.5	0.4	1.2	0.8	0.8	2.3	0.3	0.8
17010	Pembuatan pulpa, kertas dan kertas tebal		-20.6	-2.5	-5.1	4.0	-3.8	-4.1	-7.4	-2.9	-1.2	-4.5	-3.4	-9.0	-2.6
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal		9.5	0.7	4.4	0.6	-1.1	-1.0	3.7	3.2	1.7	3.2	4.6	4.3	4.2
17091	Pembuatan sampul surat dan kad surat		-1.6	7.7	2.9	2.5	14.5	10.9	6.9	4.0	3.2	5.1	3.2	1.0	4.3
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi		6.0	4.6	1.1	2.8	9.3	6.0	-4.4	-0.4	4.0	-1.9	6.3	-0.9	-1.7
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding		-8.1	-7.0	-10.2	-10.7	-5.1	-1.7	4.3	1.6	-9.9	2.1	-11.5	-9.3	-9.8
	Industri lain		11.7	2.8	6.6	3.3	-0.1	1.8	-0.6	-0.3	4.1	-0.1	6.7	7.4	5.6
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman		6.3	4.8	4.9	5.9	5.0	3.5	2.4	2.7	5.6	2.5	0.1	8.9	5.8
18110	Percetakan		6.4	4.1	5.3	5.6	3.8	1.8	0.5	2.1	5.6	1.4	-0.02	9.7	6.3
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan		5.2	8.6	2.8	7.7	11.5	12.8	12.5	5.8	5.9	8.5	0.7	4.9	3.1
18200	Penerbitan semula media rakaman														
192 (19201 & 19202)	Pembuatan produk petroleum bertapis		5.9	0.9	0.8	0.2	0.9	1.8	1.5	1.4	0.7	1.4	0.1	1.8	0.6
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	0.0	4.2	4.3	-9.6	4.0	-7.7	-10.6	-13.8
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat		21.3	-7.9	-6.2	-8.8	-5.4	-11.1	24.6	30.9	-7.4	24.9	9.9	-10.5	-14.9
20112 & 20113	Pembuatan kimia organik asas		-2.5	-18.0	-23.6	-20.0	-17.4	-10.0	0.8	2.6	-21.9	2.3	-23.0	-22.6	-25.1
20121 & 20129	Pembuatan sebatian bukan organik														
20121 & 20129	Pembuatan baja		-7.6	-8.0	-10.7	-13.6	-1.0	-5.8	-2.4	9.9	-11.5	5.1	-13.4	-10.9	-7.8
20131	Pembuatan produk campuran nitrogen		3.5	19.3	14.6	12.2	24.2	26.5	3.5	-2.9	14.3	-0.8	22.1	15.5	7.2
	Pembuatan plastik dalam bentuk primer		-9.0	-7.0	-13.5	-3.3	-1.3	-8.5	6.3	2.0	-7.2	4.2	-12.5	-13.5	-14.5
	Industri lain														
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia		3.2	3.8	6.2	4.3	2.1	2.4	-1.4	-4.9	4.8	-3.5	2.7	6.6	9.3
20210	Pembuatan racun perosak dan produk agrokimia lain		17.4	18.1	16.8	11.2	20.6	24.2	33.2	31.2	13.4	31.8	20.1	20.7	11.0
20221	Pembuatan cat, varnis dan penyadur dan mastik		16.1	7.0	12.4	12.8	3.5	-0.3	-4.2	-6.8	12.8	-5.5	9.5	13.7	13.9
20222	Pembuatan dakwat cetak		-10.3	-18.9	-14.9	-18.0	-23.5	-19.5	-8.7	-7.5	-17.3	-7.7	-15.7	-11.0	-17.9
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat		6.2	-1.7	-2.5	-2.1	-2.6	0.4	-4.9	-10.9	-2.4	-8.4	-5.8	-5.1	3.3
20231 & 20232	Pembuatan pewangi dan penyediaan dandanan diri														
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials														
20292 & 20299	Pembuatan dakwat menulis dan melukis		-4.8	9.3	16.3	12.1	6.6	3.1	-7.3	-13.0	13.1	-10.5	8.7	18.8	22.5
20299	Pembuatan produk kimia lain t.t.t.l.														
	Industri lain		-12.7	-19.0	-31.7	-30.4	-9.7	5.2	5.1	8.0	-30.6	5.9	-32.4	-33.2	-29.1
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani		1.9	0.9	1.4	0.6	0.3	1.3	0.9	2.8	0.9	2.1	1.4	0.8	1.9
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan		-0.9	-1.0	-1.7	-1.1	-0.5	-0.6	-4.3	-3.1	-1.2	-3.5	-1.1	-2.1	-2.0
	Industri lain		13.1	7.4	13.1	6.6	3.1	7.8	18.0	22.3	8.5	20.4	11.2	11.6	16.6
221	Pembuatan produk getah		-1.4	-0.6	1.9	-1.6	-2.6	0.3	2.2	0.5	-0.6	1.3	5.2	0.9	-0.3
22111	Pembuatan tayar getah untuk kenderaan		25.7	-24.9	-10.2	-27.7	-30.7	-30.1	-19.7	-12.3	-20.9	-14.5	-1.5	-13.7	-16.2
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup		27.3	22.0	26.6	25.1	20.9	16.4	17.9	-3.4	25.7	5.3	32.1	23.9	24.4
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan		4.4	7.4	5.8	5.7	6.8	10.9	22.5	13.5	5.9	17.6	12.1	0.5	4.9
22192	Pengilangan semula getah dan prosesan susu getah														
22192	Pembuatan sarung tangan getah		-8.6	3.9	5.8	2.6	1.8	5.6	2.9	1.1	3.1	1.8	7.9	5.0	4.7
22199	Pembuatan produk getah lain yang t.t.t.l.		-4.0	-9.5	-8.3	-8.5	-11.4	-9.7	-14.0	-10.3	-8.8	-12.5	-7.7	-3.5	-13.4
222	Pembuatan produk plastik		2.7	2.3	0.7	1.6	3.6	3.3	1.3	-0.1	1.7	0.6	0.9	1.6	-0.4
22201 & 22202	Pembuatan produk plastik separa siap		0.9	-8.6	-9.6	-9.8	-9.5	-5.4	1.1	5.2	-9.7	4.1	-9.9	-10.1	-8.8
22202	Pembuatan produk plastik siap														
22203	Pembuatan artikel plastik untuk pembungkusan barangan		19.5	3.9	-4.1	-3.7	8.8	16.3	15.3	15.4	-3.2	15.1	-0.7	0.2	-10.5
22204	Pembuatan barangan plastik jurubina		17.5	-0.2	6.7	-7.9	-2.2	3.6	3.0	8.3	-1.6	6.2	12.5	3.4	4.5
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik		-2.3	9.4	2.2	5.3	11.1	19.1	-5.9	-8.9	4.6	-7.9	1.3	1.7	3.5
22209	Pembuatan pelbagai produk plastik t.t.t.l.		-6.8	11.6	17.8	20.7	11.5	-1.1	-8.2	-16.2	19.9	-12.9	15.6	18.4	19.5
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca		3.6	2.5	0.1	6.5	3.6	0.0	-4.4	-6.3	3.5	-5.6	-5.5	0.05	6.3

2025																	Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.		
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	0.9	0.1	0.9	Manufacture of products of wood, cork, straw and plaiting materials	
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	-2.1	-1.9	1.0	Manufacture of veneer sheets and plywood	
-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	-6.2	-5.7	-4.2	Manufacture of particle board and fibreboard	
-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	16.8	8.2	1.1	Manufacture of builders' carpentry	
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	-4.6	0.1	4.2	Other industry	
0.4	0.3	0.6	1.0	0.4	0.1	0.5	0.7	0.4	0.3	0.5	0.3	1.5	1.3	0.9	1.2	Manufacture of paper and paper products	
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	-2.9	0.1	1.3	Manufacture of pulp, paper and paperboard	
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	5.0	0.8	1.7	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	
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	4.1	4.6	3.4	Manufacture of envelopes and letter-card	
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	-2.0	1.6	1.5	Manufacture of household and personal hygiene paper	
-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	3.5	-2.1	-2.7	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper	
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	-4.1	2.0	2.1	Other industry	
6.3	5.2	6.3	7.1	4.8	2.9	3.6	4.4	2.5	2.4	2.6	2.3	2.5	2.9	2.6	2.3	Printing, service activities related to printing and reproduction of recorded media	
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	2.7	2.3	2.0	Printing	
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	3.8	4.1	4.3	Service activities related to printing	
																Reproduction of recorded media	
0.4	-1.1	1.2	1.9	0.5	0.2	1.1	2.6	1.7	1.8	1.5	1.2	1.8	1.5	0.9	1.1	Manufacture of refined petroleum products	
-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	5.2	1.9	2.6	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	
-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	34.8	25.4	9.8	Manufacture of liquefied or compressed inorganic industrial or medical gases	
																Manufacture of basic organic chemicals	
-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	4.3	1.2	6.2	Manufacture of inorganic compounds	
																Manufacture of fertilizers	
-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	14.1	11.3	14.6	Manufacture of associated nitrogen products	
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	-5.7	-7.5	-7.6	Manufacture of plastics in primary forms	
-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	7.0	5.6	3.7	Other industry	
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	-4.6	-5.8	-5.8	Manufacture of other chemical products and man-made fibres	
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	31.9	31.2	30.1	Manufacture of pesticides and other agrochemical products	
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	-9.1	-9.0	-5.4	Manufacture of paints, varnishes and similar coatings ink and mastics	
-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	-6.7	-6.8	-5.6	Manufacture of printing ink	
																Manufacture of soap and detergents, cleaning and polishing preparations	
-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	-9.7	-12.8	-12.2	Manufacture of perfumes and toilet preparations	
																Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials	
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	-13.0	-13.3	-14.2	Manufacture of writing and drawing ink	
																Manufacture of other chemical products n.e.c.	
-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	6.0	8.7	2.0	Other industry	
0.7	0.3	0.9	0.3	0.5	0.2	0.5	1.6	1.9	1.4	0.8	0.5	1.8	3.4	3.1	3.4	Manufacture of pharmaceuticals, medicinal chemical and botanical products	
-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	-2.5	-2.3	-2.4	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments	
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	22.9	21.4	21.6	Other industry	
-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	0.2	0.5	1.0	Manufacture of rubber products	
-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	-9.2	-9.7	-2.8	Manufacture of rubber tyres for vehicles	
26.9	24.4	24.2	25.1	19.9	17.9	17.2	15.1	16.8	30.1	23.5	3.1	0.0	-2.3	-8.0	-2.4	Manufacture of interchangeable tyre treads and retreading rubber tyres	
																Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened	
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	13.0	12.5	15.8	Rubber remilling and latex processing	
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	1.0	0.6	0.8	Manufacture of rubber gloves	
-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	-13.1	-7.6	-14.6	Manufacture of other rubber products n.e.c.	
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	0.2	-0.9	0.6	Manufacture of plastics products	
																Manufacture of semi-manufactures of plastic products	
-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	4.0	6.6	10.4	Manufacture of finished plastic products	
-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	15.1	16.6	13.8	Manufacture of plastic articles for the packing of goods	
-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	10.4	9.3	9.6	Manufacture of builders' plastics ware	
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	-8.1	-10.3	-10.4	Manufacture of plastic tableware, kitchenware and toilet articles	
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	-14.6	-19.9	-16.2	Manufacture of diverse plastic products n.e.c.	
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	-6.5	-7.2	-7.4	Manufacture of glass and glass products	

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			2024				2025		2024		2025		2024	
		2023	2024												
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)	Jan.	Feb.	Mac	
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.2	3.6	6.3	3.9	2.2	2.3	4.3	4.9	4.8	4.4	5.9	6.9	6.1	
23911 & 23921	Pembuatan mortar refraktori dan konkrit	2.9	8.4	17.7	7.8	3.4	5.8	-0.2	-2.9	11.1	-1.1	15.0	19.8	18.2	
23930	Pembuatan produk porselin dan seramik lain	-14.1	3.2	-9.0	1.9	10.0	9.7	17.6	16.2	-2.1	16.3	-24.3	0.7	1.5	
23941	Pembuatan simen hidrolik	5.6	-16.5	-8.0	-18.4	-18.7	-21.0	-14.7	-18.8	-12.9	-17.0	1.7	-13.3	-13.2	
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	-3.8	8.4	7.8	9.0	6.6	10.3	15.9	20.2	8.3	18.3	6.2	6.1	11.1	
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan	5.1	2.2	5.6	2.6	1.0	-0.2	-0.4	-3.4	3.6	-2.6	5.9	6.5	4.5	
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.														
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.8	8.0	11.2	9.1	6.8	5.2	7.9	16.7	9.9	12.8	13.5	13.3	7.0	
	Industri lain	-1.9	4.4	6.2	5.8	3.1	2.6	4.8	3.6	6.0	3.6	4.3	7.3	7.0	
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	1.2	-0.04	-0.1	-0.8	0.3	0.5	-1.2	1.0	-0.4	0.2	2.2	-2.3	-0.4	
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	5.1	8.4	4.2	10.4	11.4	7.9	5.7	2.6	7.8	3.8	3.3	4.1	5.3	
243	Pengacuan logam	-4.3	-0.6	0.7	-1.4	1.5	-3.1	-2.3	3.9	0.01	1.7	-1.1	5.3	-2.0	
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	4.8	4.2	6.7	2.5	4.8	2.8	2.3	5.1	4.6	3.7	9.8	6.2	4.2	
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	5.9	-3.0	-2.6	-5.3	-3.2	-1.0	-0.2	-3.8	-4.1	-2.4	3.7	-5.8	-5.7	
25119	Pembuatan produk struktur logam lain														
25120	Pembuatan tangki, takungan dan kontena daripada logam	3.5	16.4	22.1	15.3	17.7	10.9	6.0	15.3	18.7	11.0	22.6	22.7	20.9	
	Industri lain	4.0	-2.0	1.8	-1.6	-0.2	-7.7	-0.8	6.6	0.1	3.5	-2.2	8.7	-1.0	
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	5.8	8.0	7.5	11.4	8.8	4.6	4.9	3.0	9.4	3.8	8.0	6.3	8.0	
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	6.4	3.9	6.2	7.0	8.2	13.6	15.3	5.2	14.5	2.8	2.9	6.0	
25920	Rawatan dan penyalutan logam; menggunakan mesin	-4.8	2.3	1.1	3.8	-0.6	4.7	-1.1	-5.3	2.1	-3.0	-0.6	-0.1	4.1	
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	16.8	13.5	16.2	20.5	13.2	5.9	8.1	-0.7	19.1	3.2	16.0	17.2	15.4	
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	10.2	11.7	17.3	16.7	12.9	0.7	-1.4	-2.3	16.4	-2.0	18.1	16.0	17.9	
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya														
25994	Pembuatan barangan rumah daripada logam	0.3	7.1	9.9	10.4	4.5	3.9	5.4	9.8	9.4	7.3	8.5	12.4	8.8	
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	5.7	6.5	-0.6	11.6	9.2	6.6	7.4	5.5	5.6	6.5	-1.2	-1.1	0.4	
	Industri lain	13.4	-0.01	2.4	-4.1	1.8	-0.1	3.4	7.2	-0.5	4.9	27.8	-8.2	-8.1	
261	Pembuatan komponen dan papan elektronik	0.4	-7.4	-7.5	-8.6	-6.7	-7.0	-6.5	-4.6	-7.8	-4.7	-4.7	-8.6	-9.0	
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	0.6	-4.4	-5.0	-7.3	-3.4	-1.7	-2.6	0.2	-5.9	-0.7	-3.2	-4.8	-7.0	
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro														
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik														
26104 & 26105	Pembuatan papan litar bercetak	0.3	-14.6	-13.3	-12.1	-15.2	-17.9	-14.3	-14.9	-12.9	-13.0	-8.8	-16.7	-14.3	
26109	Pembuatan komponen paparan														
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.9	0.04	2.0	-0.4	3.0	-4.4	-9.6	-4.4	1.7	-7.3	5.5	-0.1	0.7	
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3.1	12.4	5.1	5.8	18.1	19.7	18.6	19.5	6.9	17.6	6.6	2.9	5.8	
263/ 26300	Pembuatan peralatan komunikasi	-0.7	1.9	-6.1	1.9	6.9	5.8	12.6	2.3	-0.2	6.4	-9.5	-3.0	-5.6	
264/ 26400	Pembuatan peralatan elektronik pengguna	-0.2	-24.7	-5.5	-20.1	-40.8	-30.9	-16.5	9.9	-16.6	-2.9	5.7	-2.9	-19.0	
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	15.7	5.5	26.8	9.5	22.9	27.8	28.6	
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	22.4	22.2	28.5	27.7	15.8	18.6	17.2	5.9	28.5	10.3	25.0	29.7	30.4	
26520	Pembuatan jam tangan dan jam dan bahagiannya	6.8	-0.4	2.4	6.2	-4.4	-5.2	-8.5	-2.8	3.0	-4.8	-0.4	3.8	4.0	
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-1.2	7.6	2.5	-1.8	16.8	14.7	-7.9	-7.6	2.4	-8.7	1.7	1.2	4.8	

2025																	Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.		
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	5.0	4.6	3.3	Manufacture of non-metallic mineral products	
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	-3.5	-2.3	2.0	Manufacture of refractory mortars and concretes	
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	17.3	14.8	12.9	Manufacture of non-refractory ceramic	
-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	-22.8	-21.8	-18.8	Manufacture of other porcelain and ceramic products	
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	21.0	22.7	19.9	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	
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	-2.9	-6.0	-7.0	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone	
																Manufacture of other articles of concrete, cement and plaster n.e.c.	
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	15.7	16.7	16.5	Manufacture of other non-metallic mineral products n.e.c.	
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	5.2	5.4	0.2	Other industry	
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	0.3	1.9	2.7	Manufacture of basic iron and steel	
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	1.5	1.5	1.6	Manufacture of basic precious and other non-ferrous metals	
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	6.7	7.1	7.8	Casting of metals	
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	4.8	4.0	4.3	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition	
-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	-4.6	-4.8	-5.1	Manufacture of metal doors, windows and their frames, shutters and gates	
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	16.1	13.8	14.3	Manufacture of other structural metal products	
-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	4.8	7.5	7.9	Manufacture of tanks, reservoirs and containers of metal	
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	2.6	2.6	3.3	Manufacture of other fabricated metal products; metal working service activities	
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	15.6	14.9	15.1	Forging, pressing, stamping and roll-forming of metal; powder metallurgy	
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	-6.6	-2.8	-1.7	Treatment and coating of metals; machining	
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	-1.4	-0.6	-0.1	Manufacture of tins and cans for food products, collapsible tubes and boxes	
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	-3.8	-3.9	-3.1	Manufacture of metal cable, plaited bands and similar articles	
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	8.7	10.4	5.2	Manufacture of bolts, screws, nuts and similar threaded products	
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	5.9	5.1	6.5	Manufacture of metal household articles	
-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	9.7	6.1	2.9	Manufacture of any other fabricated metal products n.e.c.	
-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	-6.5	-5.0	0.8	Other industry	
																Manufacture of electronic components and boards	
-9.0	-7.6	-5.3	-4.1	-2.9	-3.1	-2.9	-0.6	-1.7	-1.2	-3.2	-3.3	4.3	-2.5	-1.1	2.2	Manufacture of diodes, transistors and similar semiconductor devices	
																Manufacture of electronic integrated circuits micro assemblies	
																Manufacture of electrical capacitors and resistors	
-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	-14.7	-13.4	-1.1	Manufacture of printed circuit boards	
																Manufacture of display components	
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	-2.9	-3.3	-8.5	Manufacture of other components for electronic applications	
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	24.8	20.2	10.0	Manufacture of computers and peripheral equipment	
-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	8.0	-13.8	-0.2	Manufacture of communication equipment	
-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	6.9	13.6	13.4	Manufacture of consumer electronics	
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	3.6	3.9	6.3	Manufacture of measuring, testing, navigating and control equipment; watches and clocks	
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	4.1	4.0	6.6	Manufacture of measuring, testing, navigating and control equipment	
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	-5.7	0.04	0.7	Manufacture of industrial process control equipment	
																Manufacture of watches and clocks and parts	
-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	-7.7	-7.0	-13.9	Manufacture of irradiation, electromedical and electrotherapeutic equipment	

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

1.6b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh			2024				2025		2024		2025	2024		
		2023	2024												
				Q1	Q2	Q3	Q4	Q1	Q2	(Jan. - Jul.)	(Jan. - Jul.)		Jan.	Feb.	Mac
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	-0.1	5.6	10.7	6.2	3.1	2.6	-7.6	2.1	8.1	-2.0	7.4	13.9	10.9	
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-0.4	3.1	-1.9	7.4	5.9	1.5	3.0	2.1	3.2	2.4	-2.2	0.1	-3.7	
27101	Pembuatan motor elektrik, penjana dan transformer	3.2	7.3	10.8	5.9	9.2	3.7	9.1	16.5	9.0	12.1	8.9	9.8	14.0	
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-2.7	0.4	-9.1	8.4	3.6	-0.1	-1.1	-7.1	-0.3	-4.0	-8.9	-5.3	-12.9	
272/ 27200	Pembuatan bateri dan akumulator	14.2	8.3	5.7	19.6	9.7	-1.2	-6.4	-4.1	12.6	-4.6	1.7	8.0	7.1	
273	Pembuatan pendawaian dan peranti pendawaian	-5.6	-13.8	-15.8	-17.2	-14.4	-7.0	-4.6	-2.0	-15.7	-3.7	-15.9	-17.7	-13.6	
27310	Pembuatan kabel gentian optikal	10.4	4.5	3.8	4.4	3.4	6.4	15.8	12.3	4.5	12.5	4.1	3.1	4.2	
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.4	-16.4	-18.2	-20.4	-17.1	-9.0	-6.9	-3.8	-18.5	-5.8	-18.3	-20.4	-15.8	
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-20.1	12.0	10.8	15.9	11.5	9.7	-0.4	-1.7	13.8	-1.1	8.7	15.5	8.1	
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	0.6	15.9	14.3	22.7	16.2	11.7	19.6	25.7	19.0	22.3	8.3	8.5	28.5	
275/ 27500	Pembuatan perkakasan domestik	-9.3	-11.7	1.9	-16.5	-19.7	-11.5	-19.3	-24.0	-9.8	-22.5	3.8	-0.7	2.7	
279/ 27900	Pembuatan kelengkapan elektrik lain	12.4	15.4	0.3	20.4	20.8	20.9	21.6	23.2	10.7	23.2	3.9	-5.8	2.8	
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	0.6	-0.7	-1.5	-2.5	-0.7	1.6	1.4	1.9	-1.7	1.8	-1.7	-1.3	-1.6	
28120	Pembuatan alat-alat kuasa bendalir														
28130	Pembuatan pam, pemampat, kepala paip dan injap lain	3.7	-29.7	-31.0	-34.1	-31.6	-22.7	-14.0	-13.9	-32.6	-14.6	-29.6	-30.2	-33.1	
28180	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.2	-0.5	-1.8	-6.9	-0.7	6.8	12.1	13.1	-4.0	11.8	-0.9	4.7	-8.8	
28220	Pembuatan jentera pembentukan logam dan alatan mesin														
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-14.3	1.9	-2.0	1.7	2.0	6.6	4.3	7.7	0.0	7.4	-4.5	-0.7	-0.8	
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	-2.3	-4.1	-12.0	-10.8	1.5	7.6	-16.7	-23.6	-11.3	-20.2	-9.4	-17.1	-9.2	
	Industri lain	8.1	4.3	6.4	6.3	3.6	1.0	1.9	3.5	6.8	3.0	5.3	5.2	9.0	
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.7	-8.5	-3.5	-11.3	-11.1	-8.2	-13.5	-9.9	-8.1	-11.0	-2.0	-3.2	-5.5	
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	16.6	4.6	9.3	10.9	2.5	-2.9	0.0	1.4	10.4	0.8	8.5	9.1	10.5	
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	4.2	6.3	2.6	7.2	8.7	6.9	8.1	6.5	5.3	7.3	3.6	2.7	1.4	
301 (30110 & 30120)	Pembinaan kapal dan bot	11.0	16.8	17.2	17.3	18.2	14.7	17.2	18.0	17.4	17.3	23.8	16.9	12.0	
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	-0.3	1.0	-1.0	1.0	1.6	2.7	0.6	-1.6	0.28	-0.7	-1.9	-1.5	0.3	
30910	Pembuatan motosikal	0.04	3.21	2.3	2.8	1.9	5.8	5.4	3.3	2.7	4.3	4.0	-0.6	3.5	
30920	Pembuatan basikal dan invalid carriages	-12.5	-18.6	-30.9	-25.8	-4.5	-6.7	-5.1	-1.9	-25.7	-4.7	-29.9	-30.2	-32.5	
	Industri lain	6.2	5.3	7.7	11.1	3.7	-1.1	-8.1	-12.8	8.5	-10.6	-0.2	12.4	11.0	
310	Pembuatan perabot	5.1	1.1	1.7	1.4	0.7	0.6	0.9	1.2	1.3	1.3	1.5	1.7	1.9	
31001	Pembuatan perabot kayu dan rotan	8.2	0.9	2.9	0.9	-0.4	0.2	-0.1	1.1	1.5	0.9	2.4	2.9	3.5	
	Industri lain	-6.8	1.8	-3.8	3.3	5.8	2.3	5.2	1.6	0.6	2.8	-2.4	-3.8	-5.2	
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.7	2.7	-0.2	9.0	4.6	-2.0	10.0	8.3	4.5	8.6	-5.8	3.6	1.8	
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	0.7	7.4	6.9	5.8	6.9	9.7	11.8	9.6	6.7	10.8	4.5	6.6	9.7	
32901	Pembuatan alat tulis	-3.6	3.6	0.1	0.6	4.3	9.2	11.5	17.1	0.5	14.9	4.0	-1.5	-2.1	
	Industri lain	1.8	8.3	8.7	7.1	7.6	9.8	11.9	7.9	8.2	9.9	4.6	8.8	12.8	
323/ 32300	Pembuatan barangan sukan	-4.6	-16.6	-17.1	-18.1	-14.8	-15.9	-12.1	-3.9	-17.5	-8.5	-12.9	-19.9	-18.4	
324/ 32400	Pembuatan permainan dan mainan	11.5	-8.0	-13.6	-5.7	-5.0	-7.9	-11.6	-10.8	-8.8	-10.9	-15.3	-15.1	-10.8	
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6.7	0.9	0.9	0.9	1.1	0.8	0.8	1.2	0.9	1.1	0.9	0.7	1.0	
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	13.3	-2.1	7.2	10.8	-4.9	-20.0	-18.2	-17.9	7.2	-17.8	4.9	8.1	8.4	
	Industri lain	4.9	1.8	-0.9	-1.8	2.7	7.5	6.7	7.1	-0.8	6.8	-0.2	-1.6	-1.0	
Jumlah Pembuatan		3.5	1.5	1.2	1.4	1.7	1.7	1.8	1.8	1.5	1.9	2.0	1.0	0.7	

2025																	Group Description/Period
Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb	Mar	Apr	Mei	Jun	Jul.		
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	5.2	3.0	3.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media	
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	3.3	0.8	1.6	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
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	17.5	15.5	8.5	Manufacture of electric motors, generators and transformers	
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	-5.8	-8.9	-3.1	Manufacture of electricity distribution and control apparatus	
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	-6.8	1.6	-1.1	Manufacture of batteries and accumulators	
-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	-4.0	-1.8	-6.2	Manufacture of wiring and wiring devices	
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	9.7	5.2	5.2	Manufacture of fibre optic cables	
-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	-5.8	-2.8	-7.8	Manufacture of other electronic and electric wires and cables	
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	-1.9	-0.9	-1.0	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material	
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	22.2	19.2	20.9	Manufacture of electric lighting equipment	
-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	-26.2	-28.9	-29.5	Manufacture of domestic appliances	
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	23.6	22.8	28.0	Manufacture of other electrical equipment	
-1.7	-3.0	-2.7	0.2	-1.9	-0.3	1.2	1.8	1.9	0.8	1.8	1.5	1.9	1.3	2.6	3.2	Manufacture of general-purpose and special-purpose machinery	
-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	-16.0	-12.9	-18.8	Manufacture of fluid power equipment	
-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	11.0	10.6	6.9	Manufacture of other pumps, compressors, taps and valves	
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	5.1	13.9	17.7	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives	
-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	-22.2	-24.8	-20.6	Manufacture of metal-forming machinery and machine tools	
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	3.6	4.3	5.3	Manufacture of air-conditioning machines, including for motor vehicles	
-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	-10.0	-4.4	-6.2	Manufacture of other special-purpose machinery	
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	1.8	2.1	1.2	Manufacture of parts and accessories for motor vehicles	
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	4.4	6.0	7.9	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	
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	17.0	16.3	15.5	Manufacture of parts and accessories for motor vehicles	
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	-0.6	-1.5	-1.9	Building of ships and boats	
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	5.9	3.7	3.9	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c	
-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	-2.0	-2.3	-10.6	Manufacture of motorcycles	
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	-14.9	-13.3	-11.3	Manufacture of bicycles and invalid carriages	
2.0	1.2	0.8	0.3	1.0	0.7	0.6	0.3	0.9	0.8	1.0	0.8	0.5	0.9	2.3	2.7	Other industry	
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	1.0	2.1	3.5	Manufacture of furniture	
-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	0.3	2.9	-0.9	Manufacture of wooden and cane furniture	
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	8.7	7.8	5.2	Other industry	
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	8.7	8.3	11.5	Manufacture of jewellery, bijouterie and related articles	
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	17.5	17.1	18.7	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.	
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	6.7	6.2	9.8	Manufacture of stationery	
-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	-7.8	-3.1	-10.3	Other industry	
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	-10.5	-6.9	-9.2	Manufacture of sports goods	
0.8	0.7	1.4	1.0	1.5	0.8	1.2	0.8	0.4	0.2	1.4	0.9	1.2	1.4	1.1	1.8	Manufacture of games and toys	
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	-17.6	-18.9	-16.4	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment	
-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	7.1	7.1	6.1	Repair and maintenance of transport equipment except motorcycles and bicycles	
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	1.5	1.6	2.3	Other industry	
Total Manufacturing																	

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.	Mei
101	Pemprosesan dan pengawetan daging	-7.1	0.4	4.0	4.7	1.2	6.1	-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	-1.1	-2.1	-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	0.4	-0.2	-2.4	-1.7	-2.0	-1.5	3.4
	Industri lain	1.9	-2.3	9.2	-1.0	-6.6	-9.7	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	2.6	0.5	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	2.2	1.8	1.9	-4.0	4.4	0.3	1.4
	Industri lain	3.0	-1.6	-3.9	-5.9	2.7	0.4	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	-0.5	-1.1	-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	10.1	-7.7	1.3	-1.2	1.4	0.1	-1.8
	10405 Pembuatan minyak kelapa	0.3	0.1	1.0	-2.1	9.2	4.7	0.2	-0.6	5.8	-4.9	2.9
	Industri lain	-0.8	3.4	-0.7	4.3	-1.6	-0.8	-6.6	0.4	-4.0	5.5	1.8
105	Pembuatan produk tenusu	2.5	0.2	0.1	5.8	1.5	-0.3	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	1.1	-0.7	2.6	-16.3	6.0	4.2	-1.9
	Industri lain	-5.7	7.0	-3.6	2.7	5.1	3.0	-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	5.6	-6.7	1.2	-13.6	0.8	0.9	-1.0
	10611 Pengilangan beras	1.5	-4.3	-1.2	-1.9	5.3	-4.3	4.5	-3.6	1.2	-3.6	0.4
	10613 Pengilangan tepung	-11.4	-6.2	3.5	7.0	6.7	-9.7	-1.4	-24.3	0.2	5.8	-2.1
	Industri lain	-2.4	1.8	-5.0	-1.0	-0.7	-1.9	-3.1	-8.3	2.1	6.0	-3.7
107	Pembuatan produk makanan lain	-2.9	-2.7	2.2	3.7	-2.0	-1.5	-3.9	-3.1	-0.6	-1.1	0.01
	10711 Pembuatan biskut dan cookies	-5.8	1.5	8.8	1.6	-4.7	2.7	-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	-4.3	0.6	-4.1	1.4	-6.6	6.2	-0.3
	10713 Pembuatan produk snek	4.3	1.5	1.2	2.9	3.2	-3.6	0.2	-1.3	2.7	-1.9	0.8
	10721 Pembuatan gula	-1.1	-0.5	-2.7	17.6	-9.4	6.3	-9.8	7.1	-1.3	-4.1	3.3
	10731 Pembuatan produk koko	-8.3	6.9	-0.6	-1.9	7.8	-6.8	-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	0.3	-10.4	-6.8	-6.0	0.9	-6.6	-1.8
	10793 Pembuatan sos dan bahan perasa	8.8	-6.6	6.3	8.1	-4.4	-0.8	-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	-6.9	-0.4	-2.4	-15.6	2.4	-1.9	-0.1
	Industri lain	-2.4	-3.7	1.1	-0.7	2.2	-2.2	-2.8	-2.3	-2.8	-2.0	2.0
108/ 10800	Pembuatan makanan haiwan tersedia	-7.4	-2.9	5.3	6.2	-10.6	0.4	-6.3	-9.1	-3.1	1.1	0.8
110	Pembuatan minuman ringan	-1.9	-1.4	0.4	11.1	-1.0	-3.3	-5.2	-2.8	0.4	1.8	-4.4
	11041 Pembuatan minuman ringan	-3.8	0.2	0.1	14.4	-3.7	-3.9	-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	6.9	-2.8	3.1	-3.2	0.4	-1.2	-7.1
	Industri lain	10.0	-0.3	-4.1	7.7	3.6	-0.2	0.7	1.6	0.5	0.9	-2.0
120/ 12000	Pembuatan produk tembakau	-4.4	-9.6	0.9	15.4	-4.6	-6.5	-18.2	1.8	-1.6	-9.4	-1.6
131	Pemintalan, penenunan dan penyiapan tekstil	-4.5	4.3	1.4	2.0	-3.7	1.6	-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	-4.5	2.5	-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	-3.3	-1.1	-4.0	0.1	-0.5	-0.7	5.1
	Industri lain	4.2	-0.6	-6.2	-12.5	16.4	4.9	0.6	13.3	-1.5	-4.9	6.5
139	Pembuatan tekstil lain	-0.5	0.2	-0.3	0.6	-0.7	1.7	0.2	-3.1	3.6	-2.1	2.3
	13910 Pembuatan fabrik dikait dan dikrusye	-7.1	5.2	-3.8	-4.9	-4.7	2.8	-5.1	-5.9	8.4	0.4	2.1
	Industri lain	2.1	-1.6	1.0	2.6	0.6	1.3	2.2	-2.1	1.9	-3.0	2.3
141	Pembuatan pakaian, kecuali pakaian berbulu	-0.4	-4.9	-2.7	7.1	1.5	-4.8	-3.4	-6.6	0.8	-0.8	-1.2
	14102 Pembuatan pakaian	2.6	-6.3	-2.2	9.8	5.3	-6.6	-3.1	-7.2	1.1	-1.5	-1.7
	Industri lain	-6.9	-1.3	-3.7	0.8	-8.2	0.4	-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	5.0	-4.0	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	-0.7	2.5	-6.7	-2.5	2.8	1.9	0.9
152	Pembuatan kasut	1.5	-5.4	-0.7	8.1	-0.1	-5.0	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	-0.6	-0.9	0.3	1.0	-5.8	-0.9	0.3
	Industri lain	7.9	-6.9	2.0	11.1	0.8	-12.2	5.8	-1.4	0.04	-2.3	-0.5
161/ 16100	Pengilangan dan pengetaman kayu	2.1	-0.5	5.0	3.5	-2.3	1.3	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.	Mei	Jun	Jul.	
-1.1	2.4	-0.5	4.6	1.0	0.3	1.8	4.6	-10.6	8.4	3.6	-4.6	12.1	-1.4	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	2.1	-2.4	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	2.7	-2.3	2.3	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	-0.8	-3.1	1.1	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	-0.5	1.5	2.2	Other industry
-3.2	-0.8	-3.1	3.5	0.2	-2.2	1.0	-1.9	6.1	0.6	-1.2	0.5	0.9	-0.7	Processing and preserving of fruits and vegetable
-0.2	2.9	-7.3	-2.6	-0.5	-1.2	-1.3	3.2	0.2	1.7	-0.9	-0.6	1.5	2.4	Pineapple canning
-1.6	2.5	-4.0	1.8	0.7	-0.8	11.9	-6.3	0.4	-3.9	0.4	1.9	-0.9	1.8	Manufacture of jams, marmalades and table jellies
0.9	2.7	4.3	-1.2	2.9	-1.2	1.2	14.5	-7.2	1.7	-6.6	0.3	0.2	-2.8	Other industry
-0.6	1.5	-1.3	-0.4	-1.9	1.1	-1.0	9.9	-0.3	-0.6	-0.9	9.2	0.1	2.0	Manufacture of vegetable and animal oils and fats
-1.9	2.5	-4.7	2.1	0.7	-0.8	13.3	-8.3	1.1	-4.4	1.1	1.8	-1.0	2.1	Manufacture of crude and refined vegetable oil
-2.7	7.0	-7.4	2.2	1.3	2.0	12.6	3.4	-15.0	1.2	6.7	-6.5	8.2	-3.1	Manufacture of compound cooking fats
-3.4	8.9	-8.7	3.3	0.9	2.4	13.6	2.6	-15.7	1.7	6.7	-7.7	9.4	-3.2	Manufacture of coconut oil
2.7	-6.4	3.8	-6.0	5.0	-1.4	5.0	9.9	-9.1	-3.2	6.7	3.1	-0.5	-2.2	Other industry
-1.5	1.2	-1.0	4.3	-4.6	-0.8	14.9	0.4	-1.5	-8.3	1.1	-2.2	-0.4	1.4	Manufacture of dairy products
-1.6	-0.7	1.0	-0.9	-0.9	-3.2	4.1	3.6	-0.7	1.4	-3.3	-1.9	-1.2	-0.8	Manufacture of condensed, powdered and evaporated milk
-1.6	3.9	-3.2	11.3	-9.0	1.9	28.2	-2.3	-2.0	-18.5	5.4	-1.1	0.4	4.1	Other industry
0.01	-2.0	-2.2	-1.0	-1.3	-0.3	5.6	-1.4	-4.2	0.2	7.5	-11.3	0.01	-1.7	Manufacture of grain mill products, starches and starch products
-0.4	-0.1	2.3	3.0	-1.3	1.5	3.7	-3.9	-1.0	-0.8	-1.3	0.7	0.3	1.4	Rice milling
-1.6	6.9	1.7	2.1	-1.0	0.6	0.8	-5.6	-3.7	8.2	-3.8	3.1	1.4	7.6	Flour milling
-0.3	-2.4	6.3	3.1	-5.3	6.5	1.0	-5.3	1.5	-7.8	5.5	-0.3	1.1	-2.2	Other industry
4.6	-2.3	-0.1	1.4	2.1	-1.3	2.4	0.6	-0.5	5.2	-8.7	2.3	2.3	2.6	Manufacture of other food products
0.3	-2.3	-0.2	-4.6	22.1	-6.2	11.6	-19.1	6.3	6.2	1.1	-1.0	-0.6	4.7	Manufacture of biscuits and cookies
5.7	-2.8	-0.7	8.2	-6.5	-0.2	-0.1	15.4	-8.1	-3.4	9.4	-16.0	1.9	6.7	Manufacture of bread, cakes and other bakery products
-0.8	-0.03	-2.8	6.8	2.6	2.7	9.4	-6.4	2.9	-5.2	-6.8	-1.4	-1.1	0.5	Manufacture of snack products
-0.6	0.8	7.9	5.7	-3.2	2.6	9.7	-12.7	-1.2	9.0	-6.9	2.1	-0.8	-0.1	Manufacture of sugar
-1.1	-3.7	2.0	6.3	-0.8	2.4	3.9	-3.2	-7.8	-5.9	6.1	2.1	-2.3	0.0	Manufacture of cocoa products
-1.0	1.3	-0.3	0.1	-0.2	-2.1	2.8	1.4	-0.5	-0.03	-3.2	1.3	0.8	2.5	Manufacture of chocolate and chocolate products
2.5	-1.4	8.2	-2.0	2.3	-1.7	11.0	-10.7	-8.4	-1.1	8.9	-5.3	-2.5	1.4	Manufacture of sugar confectionery
1.3	-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6	0.7	-1.1	-4.1	2.8	-0.3	Manufacture of prepared animal feeds
2.2	-0.8	-2.4	7.4	0.8	9.4	8.1	-9.6	-2.5	0.1	-2.3	-3.0	3.7	-1.5	Manufacture of sauces and condiments
-0.3	1.3	8.2	-2.3	0.1	-0.4	1.2	7.7	-3.2	2.4	1.3	-7.2	0.9	3.6	Manufacture of other food products n.e.c.
-2.2	-7.2	6.0	4.5	-0.3	3.7	1.8	2.1	-2.0	1.4	3.2	-5.3	-0.2	-0.5	Other industry
3.9	-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6	-1.8	-5.9	-2.0	4.5	-1.5	Manufacture of beverages
-1.4	1.8	-1.3	0.6	0.6	0.3	3.7	-2.0	-6.9	1.2	2.5	1.9	-1.6	1.7	Manufacture of soft drinks
-1.2	3.0	-2.4	1.4	-0.5	-0.3	4.7	-1.3	-9.3	0.8	3.4	3.8	-1.5	3.4	Production of natural mineral waters and other bottled waters
-1.4	-1.7	2.2	-1.0	3.9	2.1	1.5	-3.8	-2.6	1.6	0.9	-2.7	-1.1	-2.9	Other industry
-8.5	5.7	-8.9	-6.2	-3.1	-4.6	1.4	0.4	21.6	5.7	-2.4	0.9	-8.8	5.2	Manufacture of tobacco products
-1.5	-0.8	0.1	2.0	-1.6	0.9	0.9	-0.03	-3.3	1.8	-0.1	3.5	-1.9	0.2	Spinning, weaving and finishing of textiles
0.1	-5.7	1.9	-0.1	-5.3	-0.3	0.03	-3.7	-2.5	2.2	0.2	3.3	-0.5	6.6	Preparation and spinning of textile fibres
-2.1	1.1	-0.5	2.7	-0.3	1.3	1.3	1.2	-3.5	1.7	-0.2	3.5	-2.4	-1.9	Weaving of textiles
-4.7	0.9	-2.0	4.1	-1.1	4.8	8.7	-3.0	-3.8	0.2	-1.2	-1.5	-4.9	1.0	Dyeing, bleaching, printing and finishing of yarns and fabrics
-6.0	3.2	-2.9	4.0	-1.3	7.4	12.7	-2.3	-3.7	-0.3	-1.8	-2.0	-6.8	3.2	Other industry
-1.5	-4.2	0.2	4.2	-0.7	-1.3	-1.4	-4.8	-4.2	1.7	0.6	-0.1	0.4	-4.5	Manufacture of other textiles
-0.9	0.6	-2.5	4.3	0.4	0.1	-1.2	3.9	2.8	0.05	-2.1	-4.2	-0.4	5.1	Manufacture of knitted and crocheted fabrics
3.5	-2.3	0.2	6.4	-1.2	0.2	4.9	-4.7	1.5	-0.4	1.4	0.6	1.3	-0.2	Other industry
-4.8	-0.9	2.8	4.9	1.6	2.5	1.3	0.2	-1.8	-2.5	-0.04	-2.2	-4.1	-1.5	Manufacture of wearing apparel, except fur
-0.8	-3.8	0.7	5.0	1.2	1.3	1.9	0.1	-2.7	-1.6	0.8	0.2	0.6	-4.1	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	-6.3	-12.9	4.1	Manufacture of leather footwear
-0.1	6.0	-1.7	3.1	2.5	-0.3	-0.7	-3.0	4.3	-4.3	3.9	-2.2	1.3	5.0	Other industry
														Sawmilling and planning of wood

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.	Mei
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-0.3	-0.9	1.0	0.8	0.9	-1.7	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	-2.4	-1.7	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	0.2	-4.4	1.0	-0.6	0.8	-10.7	0.2
16221	Pertukangan kayu untuk jurubina	-1.0	2.5	3.9	2.6	8.6	-1.3	1.4	-0.9	-0.04	3.4	-1.1
	Industri lain	2.7	-0.4	-4.8	3.4	1.1	-0.5	-3.1	-2.3	1.9	1.0	-2.2
170	Pembuatan kertas dan produk kertas	0.8	-5.1	0.7	4.4	0.6	-4.3	-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	0.1	-5.4	-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	5.1	-4.4	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	-4.6	-3.7	-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	-1.2	-5.3	-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	-1.7	-5.5	-6.3	1.2	-2.7	-1.7	-0.3
	Industri lain	-4.7	-1.5	-0.3	8.9	-7.0	-1.2	-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	2.0	2.4	-4.3	3.1	-0.8	0.1	2.4
18110	Percetakan	2.1	2.6	-4.9	2.2	0.8	4.2	-6.5	4.2	-0.5	0.6	1.5
18120 &	Aktiviti perkhidmatan berkaitan percetakan											
18200	Penerbitan semula media rakaman	8.4	-0.2	3.0	1.3	8.1	-6.2	8.4	-2.8	-1.9	-2.3	7.6
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2.8	-16.4	4.7	13.0	2.5	-16.4	-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	2.4	-5.5	-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	23.1	-6.6	-10.9	-1.7	0.7	-11.4	-0.1
20112 &	Pembuatan kimia organik asas											
20113	Pembuatan sebatian bukan organik	-11.2	-5.3	-3.5	10.9	-0.6	-3.6	-15.5	-2.5	2.6	2.4	-14.6
20121 &	Pembuatan baja											
20129	Pembuatan produk campuran nitrogen	2.4	-5.5	6.9	-9.0	6.1	6.5	3.0	-7.3	16.0	-11.4	-0.5
20131	Pembuatan plastik dalam bentuk primer	18.5	-4.7	8.3	3.4	-3.1	-10.6	15.9	-5.6	5.4	-7.7	1.6
	Industri lain	4.7	-4.3	-4.8	-4.1	21.7	-8.2	6.9	-8.9	-5.4	15.5	-17.7
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	6.0	-6.1	0.6	2.3	2.0	-9.4	-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	16.0	6.9	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	7.3	-7.2	0.7	16.8	-12.4	1.4	-5.3
20222	Pembuatan dakwat cetak	-8.8	-5.8	-7.6	1.3	3.5	-4.5	-8.9	2.9	-4.4	5.4	-13.7
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap											
20232	Pembuatan pewangi dan penyediaan dandanan diri	5.7	-7.0	1.4	0.7	0.1	-12.9	-11.9	12.6	4.0	-12.2	-1.8
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.	6.3	-11.1	4.2	4.7	-4.4	-16.5	0.4	-1.3	2.6	-2.8	-14.8
	Industri lain	1.9	0.5	9.2	-6.0	1.9	3.3	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	-11.5	5.7	-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	-15.0	5.5	-16.8	-7.9	1.0	10.3	-6.2
	Industri lain	-9.2	2.5	10.0	5.3	-0.6	6.3	-8.5	0.2	3.8	2.3	-2.3
221	Pembuatan produk getah	-5.2	2.7	6.2	-2.9	-3.4	1.0	-1.3	-2.1	0.1	-1.1	3.4
22111	Pembuatan tayar getah untuk kenderaan	-13.7	-16.1	0.5	-4.0	-0.8	-8.3	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	4.9	-9.1	0.1	-5.8	25.6	-3.6	2.1
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan											
22193	Pengilangan semula getah dan prosesan susu getah	-2.7	5.1	3.7	4.6	7.5	-2.7	-1.4	-9.4	12.4	-1.6	3.0
22192	Pembuatan sarung tangan getah	-5.2	7.1	9.9	-5.3	-7.6	5.2	-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	-8.6	1.2	-0.3	1.2	-2.8	-1.1	1.4
222	Pembuatan produk plastik	-1.5	4.1	-0.6	1.5	-3.5	2.7	-1.9	-2.3	0.8	5.0	0.8
22201 &	Pembuatan produk plastik separa siap											
22202	Pembuatan produk plastik siap	-4.3	-1.5	-5.4	6.0	2.4	2.5	-2.0	0.6	-8.7	5.8	1.3
22203	Pembuatan artikel plastik untuk pembungkusan barangan	3.1	9.5	2.7	0.4	2.2	9.5	1.5	-6.7	10.5	6.3	0.8
22204	Pembuatan barangan plastik jurubina	4.6	-2.6	-4.8	6.8	4.0	2.5	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	-18.6	1.7	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	-10.4	-3.8	-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	-5.2	3.6	-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.	Mei	Jun	Jul.	
-2.1	3.0	-1.1	0.1	-0.1	0.7	2.4	0.3	-1.6	-0.1	0.2	-0.6	-2.9	3.9	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	2.9	-2.0	8.4	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	-0.7	-6.5	-0.5	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	-2.0	-6.7	-0.5	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	-7.9	3.7	0.2	Other industry
0.6	-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2	-1.7	-3.0	-1.0	0.2	-0.2	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	-5.5	-1.2	-0.2	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	0.1	-0.8	-3.0	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	0.01	0.7	-0.8	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	1.1	1.7	5.0	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	-0.2	-4.3	4.4	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	-4.1	5.7	-2.0	Other industry
-0.4	-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3	-1.0	0.4	2.8	-0.7	-1.9	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	3.0	-0.6	-2.4	Printing
-1.7	0.7	4.0	-5.0	1.9	1.4	1.7	8.6	-2.4	-1.4	-5.0	1.5	-1.4	0.9	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	-2.3	6.4	-1.7	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	-7.8	-0.3	2.7	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	1.6	-5.5	-2.3	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	-13.0	2.0	2.0	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	8.7	-3.6	6.8	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	-8.5	-0.4	4.9	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	-7.1	0.9	0.4	Other industry
1.9	1.6	1.1	-1.3	0.6	-1.7	10.1	-4.3	0.1	1.7	-6.1	-7.3	0.6	1.6	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	2.6	1.2	-5.8	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	-11.7	4.7	3.9	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	-11.8	1.4	-0.1	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	-1.2	-1.7	1.4	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	-15.2	0.2	5.6	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	-1.7	1.4	0.8	Other industry
0.9	2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6	1.3	9.8	-3.7	0.6	2.5	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	-4.4	2.2	0.2	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	-1.9	-3.5	8.7	Other industry
6.5	-2.0	4.0	0.5	-2.6	-1.3	-3.4	2.2	-4.3	-0.1	-1.6	2.9	6.8	-1.5	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	13.5	6.2	2.2	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	-0.1	-6.1	9.0	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	1.1	0.2	4.8	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	3.9	12.3	-5.2	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	-2.2	2.0	-2.0	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	0.6	-4.4	3.4	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	0.3	-3.7	-1.8	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	1.3	-4.2	4.9	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	1.0	-0.8	2.6	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	2.0	-1.2	-0.6	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	-0.2	-6.6	8.8	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	-0.7	-1.6	-0.9	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024				2025		2024				
		Q1	Q2	Q3	Q4	Q1	Q2	Jan.	Feb.	Mac	Apr.	Mei
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-3.0	-0.3	0.5	5.3	-1.1	0.3	-3.6	-3.5	1.5	-0.2	0.5
23911 & 23921	Pembuatan mortar refraktori dan konkrit Pembuatan seramik bukan refraktori	4.5	-1.9	-2.2	5.6	-1.5	-4.6	-4.2	-0.1	6.1	-4.6	-1.1
23930	Pembuatan produk porselin dan seramik lain	-8.6	6.4	12.8	0.1	-2.0	5.1	-12.0	1.6	0.4	-1.3	10.8
23941	Pembuatan simen hidrolik	-7.7	-9.2	-3.1	-2.8	-0.3	-13.6	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	7.3	3.5	0.2	-2.4	3.9	-0.9	-2.1
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.	-5.3	0.5	1.7	3.1	-5.5	-2.6	-1.6	-5.1	2.2	-0.5	2.3
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-4.2	-1.8	1.4	10.3	-1.8	6.3	-9.1	2.1	-5.9	-0.4	2.9
	Industri lain	-3.0	4.0	-4.4	6.4	-0.9	2.8	-7.7	-0.1	4.3	7.6	-7.4
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	5.0	-6.1	-3.5	5.6	3.2	-4.1	1.3	-8.1	2.5	-2.7	-2.4
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	12.6	-2.4	-3.6	1.8	10.3	-5.3	5.0	3.7	-3.4	-0.3	-0.1
243	Pengacuan logam	3.4	-6.0	-0.7	0.5	4.2	0.0	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	5.1	-2.2	3.6	-4.1	-0.8	-4.7	3.6
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam Pembuatan produk struktur logam lain	1.2	-3.7	1.3	0.4	2.0	-7.2	4.9	-9.5	2.6	-4.3	4.1
25120	Pembuatan tangki, takungan dan kontena daripada logam	12.4	-5.8	4.6	0.1	7.4	2.5	2.8	-0.4	-2.8	-5.7	3.9
	Industri lain	2.1	-5.9	1.2	-5.0	9.7	1.2	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	4.0	-2.4	-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	2.5	0.3	-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	4.3	-5.3	-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	2.1	-9.3	0.3	-0.3	-4.4	-0.2	4.0
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam Pembuatan bolt, skru, nat dan produk uliran seumpamanya	9.3	-1.9	-2.1	-4.0	6.9	-2.8	2.0	3.0	0.9	-4.4	0.7
25994	Pembuatan barangan rumah daripada logam	3.8	-0.9	0.6	0.4	5.3	3.2	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	5.1	1.0	3.7	-2.1	0.3	2.8	1.9
	Industri lain	-10.5	-6.5	10.1	8.3	-7.3	-3.0	-6.8	-12.4	-1.7	0.2	-2.9
261	Pembuatan komponen dan papan elektronik	-2.8	-4.5	-5.6	6.2	-2.3	-2.7	-9.6	0.3	-3.1	-4.1	2.5
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-1.4	-5.1	-0.2	5.3	-2.3	-2.4	-9.2	1.4	-1.3	-4.6	-1.8
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik Pembuatan papan litar bercetak Pembuatan komponen paparan	-6.9	-3.7	-16.3	9.4	-2.8	-4.3	-11.9	-1.2	-7.7	-3.4	12.7
26109	Pembuatan komponen lain untuk aplikasi elektronik	7.1	-2.3	-8.4	-0.3	1.3	3.3	3.0	-5.2	2.7	-1.4	-1.2
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	-5.8	0.4	14.9	10.1	-6.7	1.2	-13.1	-0.5	-6.1	1.6	3.6
263/ 26300	Pembuatan peralatan komunikasi	0.8	1.7	-5.5	9.3	7.3	-7.6	-1.5	3.9	-1.9	-2.4	5.8
264/ 26400	Pembuatan peralatan elektronik pengguna	-13.6	-20.2	-19.3	24.1	4.5	5.1	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	-2.2	9.4	-12.2	8.1	7.2	1.7	7.5
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan Pembuatan kelengkapan kawalan proses perindustrian	-1.1	21.5	-6.2	5.2	-2.2	9.7	-13.1	8.7	7.6	2.2	7.5
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.0	-3.1	-0.3	-3.8	-1.6	2.9	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	-8.6	-2.6	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.	Mei	Jun	Jul.	
-0.6	0.3	-0.04	1.5	2.3	1.4	2.7	-2.3	-2.7	2.6	-0.3	0.2	-1.0	-0.9	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	-1.6	0.2	1.1	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	11.5	-3.1	3.5	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	-9.6	-1.4	13.1	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	1.4	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
-0.6	1.6	-0.3	-0.2	3.7	2.1	-5.0	0.4	-5.6	1.6	-0.9	0.8	-3.8	0.5	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	1.1	1.2	-5.1	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	-3.2	-3.3	-3.7	Other industry
-2.2	-2.8	1.1	2.9	-1.8	1.4	12.7	-3.1	-3.9	1.9	-1.9	-2.8	-0.6	-2.1	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	-3.1	-2.8	-0.2	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	-0.04	0.5	1.3	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	2.1	-2.2	2.7	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	1.4	-1.4	0.1	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	3.9	-3.8	5.6	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	-2.2	1.1	1.4	Other industry
-1.6	-2.0	1.2	1.5	-0.6	-0.7	7.7	-0.2	-0.4	-0.8	-1.3	0.1	-1.6	-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	1.6	-5.5	3.4	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	-0.7	-1.7	0.1	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	2.8	-0.5	3.2	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	-3.8	1.7	-3.9	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	1.7	-1.3	-2.6	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	2.0	-2.9	-4.9	Other industry
2.5	1.7	7.7	6.5	-0.04	-1.5	7.6	-7.4	-5.3	-2.0	-0.1	0.7	-0.9	-1.3	
-0.3	-8.1	1.7	3.0	-0.8	0.5	11.8	-9.0	0.2	-1.4	-1.1	-1.8	1.4	-2.5	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	-8.2	4.8	-0.8	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	15.1	-5.8	-6.7	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	3.3	-0.9	-3.0	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	14.0	-1.1	-2.0	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	0.6	-19.2	7.7	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	1.5	-1.2	-22.3	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	1.8	14.1	-3.2	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	1.7	14.6	-3.5	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	3.1	3.0	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	4.4	-8.7	2.5	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	Q2	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	-4.9	3.5	-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	3.7	0.9	-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	3.9	4.7	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	3.5	-1.8	-8.1	0.8	-3.9	2.4	6.5
272/ 27200	Pembuatan bateri dan akumulator	-0.2	10.5	-1.8	-8.7	-5.5	13.2	-6.5	13.5	-3.8	3.5	8.9
273	Pembuatan pendawaian dan peranti pendawaian	-5.3	-5.1	5.2	-1.6	-2.9	-2.4	0.9	-2.8	-0.4	-12.1	14.8
27310	Pembuatan kabel gentian optikal	-10.9	14.6	3.0	1.2	-3.0	11.2	-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	-3.1	-4.4	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	2.7	1.8	13.7	6.0	-8.7	6.9	0.1
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1.9	-4.7	14.9	0.1	9.1	0.2	-8.8	-3.4	0.03	-11.0	10.6
275/ 27500	Pembuatan perkakasan domestik	-1.8	-14.6	4.2	1.2	-10.4	-19.5	-3.4	0.3	2.0	-23.9	15.8
279/ 27900	Pembuatan kelengkapan elektrik lain	-0.3	6.9	3.7	9.4	0.2	8.4	-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	-1.0	-6.3	-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	-32.4	-0.2	-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	-2.5	-4.9	-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	15.4	-12.6	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	-18.5	-11.9	5.9	-7.7	-1.7	2.5	-5.3
	Industri lain	2.2	-5.8	1.3	3.6	3.1	-4.4	2.6	-4.7	-2.5	0.8	-4.4
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-9.3	-6.8	2.0	6.6	-14.6	-2.9	-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	-1.8	-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	-1.4	10.1	-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	10.2	-0.6	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	0.7	-1.0	-0.3	2.6	2.7	-1.0	1.5
30910	Pembuatan motosikal	1.2	1.6	-3.1	6.2	0.8	-0.4	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	-0.5	5.3	-4.7	0.2	-1.2	0.1	3.7
	Industri lain	8.4	0.4	-7.8	-1.4	0.7	-4.7	-1.2	11.9	-0.9	-0.8	0.2
310	Pembuatan perabot	0.8	-4.3	0.1	4.2	1.0	-4.0	0.0	-3.1	-0.5	-2.9	2.1
31001	Pembuatan perabot kayu dan rotan	1.2	-4.8	-0.8	4.8	0.9	-3.6	-0.1	-3.3	-0.2	-3.7	2.4
	Industri lain	-1.2	-2.3	3.9	1.9	1.6	-5.6	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	10.7	-2.9	-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	0.6	-2.5	-6.8	0.8	-0.4	-0.7	0.7
32901	Pembuatan alat tulis	0.1	-2.4	12.0	-0.3	2.2	2.5	-0.6	-0.01	-2.9	-2.5	2.0
	Industri lain	-1.7	-0.1	1.9	9.8	0.2	-3.7	-8.2	0.9	0.2	-0.3	0.4
323/ 32300	Pembuatan barangan sukan	0.3	-8.3	-7.2	-1.4	4.8	0.2	5.2	-3.0	2.1	-9.6	5.4
324/ 32400	Pembuatan permainan dan mainan	-18.7	13.5	1.1	-1.3	-21.9	14.4	-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	2.1	-0.5	-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	1.3	-1.4	-19.3	9.3	-3.8	3.4	-6.7
	Industri lain	3.0	-0.6	0.7	4.2	2.3	-0.3	3.5	-1.9	1.4	0.9	-1.1
Jumlah Pembuatan		-0.9	-1.3	-0.1	4.1	-0.8	-1.3	-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.	Mei	Jun	Jul.	
4.7	-3.2	-1.8	3.5	0.8	-0.6	11.6	-14.7	3.6	4.3	-2.1	1.1	2.4	-2.5	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	9.8	-1.0	1.2	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	12.9	1.4	-3.6	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	7.5	-2.8	5.2	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	9.1	6.7	-4.9	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	10.0	0.9	0.7	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	-3.0	2.6	-1.8	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	12.6	0.5	1.1	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	0.4	2.6	0.2	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	-1.2	0.9	12.3	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	1.4	-3.5	-3.6	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	3.4	7.3	-4.2	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	-2.6	0.7	2.7	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	2.5	3.4	-5.7	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	-2.9	-1.1	1.2	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	0.2	8.4	2.3	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	-3.2	-0.4	4.1	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	-3.6	-0.8	4.1	Other industry
-0.7	-1.5	5.1	-0.04	-1.2	-1.0	20.6	-21.1	1.0	-13.1	-1.2	8.6	5.4	-3.4	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	1.7	0.0	2.2	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	-3.2	0.5	-1.9	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	-0.6	0.1	-2.0	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	3.9	-4.8	-0.1	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	7.5	-5.8	-2.0	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	3.1	-0.1	6.8	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	-5.1	-3.9	2.2	Other industry
-4.2	0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9	-0.7	-3.2	2.4	-2.8	0.6	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	3.1	-3.3	0.5	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	-0.6	-0.7	1.3	Other industry
-3.1	1.1	-1.2	-2.0	3.4	-2.6	10.7	3.6	0.5	1.4	-2.7	0.1	-4.0	-1.3	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	-2.1	-0.9	6.1	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	2.6	2.3	4.9	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	-3.3	-1.8	6.4	Other industry
-7.2	6.6	-16.0	1.9	0.2	2.9	4.3	-2.0	5.4	-1.6	1.9	-2.2	-2.5	-1.3	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	4.9	3.1	-3.4	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	-2.3	-3.3	-1.2	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	-7.0	-4.0	-17.6	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	-1.1	-3.1	2.6	Other industry
0.1	-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	-0.4	-0.9	0.1	0.2	-0.2	Total Manufacturing

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

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

2025												
Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
461	486	484	454	409	414	433	429	517	470	468	457	406
1,857	1,780	1,834	2,251	1,653	1,708	1,160	1,236	1,328	1,330	1,386	1,408	1,684
880	903	908	806	684	625	596	574	600	600	667	695	685
539	569	573	568	570	549	447	390	396	395	444	464	408
1,692	1,977	2,011	1,782	1,654	1,518	1,463	1,470	1,516	1,618	1,626	1,651	1,455
764	766	877	931	1,113	1,095	1,097	770	809	868	888	945	935
1,644	1,613	1,842	2,092	2,031	1,603	2,285	2,334	2,367	2,457	2,464	2,301	2,358
6,162	6,158	6,595	7,521	6,951	5,727	7,101	6,358	6,266	6,333	7,318	6,916	7,230
14,137	14,055	13,711	14,901	12,238	12,735	12,830	11,924	10,740	10,670	10,004	9,719	9,476
8,869	9,047	7,954	8,939	5,221	4,926	5,917	6,552	5,674	6,875	6,287	7,097	7,113
28,091	33,354	38,381	48,530	41,440	41,769	46,476	43,465	44,744	46,086	37,429	40,426	42,656
50,471	44,842	39,492	33,951	31,414	35,038	34,986	35,950	38,314	33,787	36,935	41,853	43,900
12,966	12,946	12,543	12,006	10,565	9,850	9,627	9,054	8,757	8,319	9,983	11,362	13,496
54,718	55,985	57,838	50,042	55,063	52,884	45,211	51,047	54,853	55,887	55,946	50,650	49,025
11,366	11,425	11,099	10,209	8,397	8,462	7,408	7,393	7,824	8,155	8,350	7,390	7,505
69,733	70,272	62,554	60,599	78,752	71,614	71,987	73,347	65,778	63,786	73,484	69,846	65,564
81,228	70,878	65,401	63,580	60,186	50,240	56,910	86,260	81,438	76,481	77,845	93,197	88,574
20,981	19,649	21,446	22,440	20,971	18,484	23,303	23,036	20,201	22,362	21,986	19,223	20,394
7,906	8,431	7,652	8,453	8,667	9,875	10,003	9,981	7,787	6,449	6,135	6,927	7,678
256	253	274	301	329	323	327	328	317	388	317	297	228
177,267	181,205	180,448	185,549	219,287	259,052	237,419	191,539	188,468	186,417	186,430	163,948	187,950
4,967	5,248	5,317	4,830	6,970	6,977	7,612	7,499	7,338	7,393	6,036	5,003	5,064
10,018	10,933	11,422	13,883	9,971	10,458	9,585	10,578	10,622	10,443	11,030	9,770	9,240
160,308	146,044	154,790	164,122	187,692	191,007	175,200	170,724	186,320	189,562	175,353	165,997	177,700
40,729	41,411	40,636	40,204	32,469	41,896	39,092	34,743	35,736	38,030	37,520	41,851	42,186
130,896	136,563	134,413	137,242	167,749	181,304	174,524	168,522	176,475	170,838	156,378	148,552	148,654

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

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

2025												
Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
71,242	74,004	77,360	71,401	84,818	67,672	53,301	56,564	43,161	56,965	61,068	66,063	66,367
5,179	5,391	5,295	6,158	4,984	4,803	4,145	4,967	4,493	5,130	6,250	5,453	5,529
32	31	33	35	26	20	26	31	37	29	21	20	19
1,536	1,327	1,192	1,382	1,291	1,174	1,423	1,337	1,297	1,377	1,456	1,422	1,495
259	226	205	201	196	190	222	223	235	251	216	187	190
179	175	159	152	157	138	150	155	192	214	176	166	168
84	71	86	119	167	141	125	124	136	148	120	109	99
15,513	11,777	12,386	9,145	11,084	10,021	9,204	8,886	9,611	10,614	11,224	11,217	12,892
13,308	11,812	13,976	13,912	10,351	8,737	10,463	11,803	11,043	10,215	11,988	10,087	10,580
10,552	10,169	10,072	10,869	15,675	12,700	14,025	16,010	14,871	14,955	9,997	11,600	9,260
180,044	250,134	221,255	226,067	306,650	315,001	258,201	303,831	261,414	223,777	201,517	161,379	198,253
426,992	413,460	389,753	434,796	380,902	380,275	362,927	420,792	447,551	404,049	394,118	425,851	386,891
3,358	3,401	3,203	3,412	4,857	4,071	3,113	3,298	4,169	5,119	5,188	3,567	3,633
311	311	335	336	407	570	784	695	698	713	621	360	295
22,327	22,692	21,267	21,250	26,777	24,303	23,810	26,059	24,039	23,607	20,169	19,109	19,519
7,459	7,321	7,244	6,497	7,587	7,608	6,927	6,574	6,835	6,763	6,399	6,948	6,615
135	105	99	92	89	92	94	99	93	86	85	90	85
3,682	2,732	2,706	2,704	3,645	3,415	3,229	3,577	3,996	4,340	4,159	4,540	4,604
252,813	274,740	298,937	280,520	265,893	313,046	329,335	264,349	409,971	378,470	476,092	565,320	292,757
212,700	207,382	187,671	168,910	171,732	143,608	150,119	247,762	237,156	254,415	314,688	265,845	248,665
188,277	221,406	214,007	154,872	140,022	169,249	197,099	171,894	224,746	208,819	215,449	254,672	216,464
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	1,420,960	1,548,182	1,649,370
484,501	500,883	452,133	458,295	277,304	311,827	272,711	322,665	322,345	296,342	487,560	539,433	647,777
19,797	25,425	24,644	25,017	19,883	18,815	17,653	16,456	17,169	17,021	17,198	17,939	17,568
283,453	277,592	236,990	253,202	332,509	222,517	236,208	318,253	294,774	354,777	408,025	575,037	353,182

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

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

2025												
Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
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	1,733,984	2,155,680	2,531,385
36,040	29,069	28,573	31,922	35,826	39,191	41,423	41,480	41,572	40,783	39,184	35,419	35,306
451,584	540,189	548,792	589,565	620,157	659,014	628,734	595,304	568,353	515,101	528,590	486,472	462,641
474,196	464,437	445,117	428,483	488,800	396,593	377,571	458,537	433,729	385,230	341,849	406,540	439,097
3,535	3,706	3,570	3,322	3,503	3,950	3,924	4,085	4,070	4,096	3,622	3,391	3,532
356,507	340,165	318,487	316,504	306,140	300,022	366,435	336,112	306,188	325,335	312,263	316,303	337,486
4,590	3,963	3,113	3,922	5,288	5,559	7,632	6,998	6,671	7,009	6,846	6,138	5,725
1,949	1,582	1,431	1,160	2,597	2,963	2,622	2,413	2,359	2,472	1,936	1,730	1,807
4,033	3,815	3,517	3,110	4,514	4,390	5,424	5,088	4,328	4,154	4,665	4,108	4,220
816	762	828	890	776	970	940	1,006	821	916	1,247	1,160	862
2,320	2,482	2,560	2,295	1,799	2,366	1,671	1,830	1,429	1,303	1,688	1,759	2,186
2,011	2,145	2,114	2,246	2,166	2,019	2,475	1,730	1,973	1,742	1,911	1,750	1,836
2,318	2,504	2,209	3,155	3,001	2,902	2,118	2,477	2,502	2,319	2,507	2,757	2,888
1,378	1,456	1,254	1,020	1,184	1,168	1,082	1,296	1,359	1,305	1,265	1,261	1,394
8,402	8,738	7,711	9,596	6,586	5,905	5,248	5,896	6,094	6,031	6,402	7,188	7,944
13,629	13,993	13,643	15,269	15,471	15,353	15,652	14,575	12,589	14,220	14,948	16,534	15,510
376	363	338	407	282	309	393	441	394	324	306	335	344
52	59	58	58	49	48	67	67	51	45	42	48	50
52,695	61,609	53,938	63,352	59,370	64,129	62,578	62,811	49,239	48,497	48,868	45,904	49,869
5,063	5,645	4,735	4,651	3,425	4,000	3,873	3,982	3,827	4,021	4,129	4,575	4,927
5,791	5,960	5,582	5,594	5,637	5,465	6,855	7,007	8,041	7,806	6,854	5,940	5,951
2,400	1,943	2,181	2,339	1,664	1,912	1,949	1,842	1,712	1,858	1,714	1,800	1,719
11,377	9,029	9,072	9,594	10,956	10,855	11,439	11,987	12,055	9,065	8,993	8,929	8,449
12,377	12,186	12,038	14,259	26,619	25,604	17,519	19,767	15,821	21,600	18,337	15,399	15,030
3,106	2,923	3,221	3,383	2,073	3,445	1,810	2,301	2,387	2,699	3,046	3,003	2,970

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

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

2025												
Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.
1,880	1,903	1,882	2,011	2,794	2,831	2,815	2,741	3,140	2,263	2,178	2,127	2,162
3,602	3,613	3,584	3,814	2,873	3,486	3,507	3,095	3,362	2,874	2,804	3,137	3,387
4,617	3,750	3,310	3,651	2,535	3,204	3,953	1,908	2,160	2,875	3,532	3,279	4,490
90,639	94,735	110,919	105,497	105,959	95,411	91,200	91,346	82,853	88,815	91,929	80,064	82,793
11,985	11,800	11,582	13,204	17,272	13,090	11,023	19,052	16,725	12,975	18,530	11,586	14,326
90,110	90,625	90,963	82,272	85,170	75,166	83,469	86,955	11,221	11,358	11,296	13,511	14,980
101,974	131,627	108,571	95,023	97,171	121,068	110,700	117,650	107,962	111,172	106,113	110,550	112,313
15,204	20,656	24,909	21,483	11,815	10,534	9,025	9,211	9,661	17,398	17,690	14,132	11,354
163,170	168,485	172,163	172,737	188,879	210,880	215,213	228,257	206,979	210,077	190,862	162,230	168,346
458	383	351	378	279	277	270	290	282	271	380	495	446
14,950	14,305	13,601	11,660	13,029	13,841	11,471	16,317	15,118	14,164	12,682	13,808	14,327
1,474	1,414	1,409	1,289	1,262	1,061	1,205	1,341	1,129	1,336	1,313	1,314	1,356
22,231	19,937	19,495	23,302	22,302	21,706	28,959	30,607	31,017	27,059	27,332	22,664	25,577
9,100	8,651	9,373	6,502	4,827	5,920	6,024	7,372	6,962	6,363	7,865	6,198	6,680
3,415	3,312	3,198	2,574	2,567	2,596	2,981	3,290	3,299	2,401	2,688	2,687	2,738
3,743	3,655	3,542	3,257	3,228	3,644	3,964	4,035	4,057	3,313	4,074	3,934	3,555
3,281	3,415	3,613	3,292	2,410	2,390	2,178	2,277	2,329	3,105	3,849	2,908	2,880
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	1,602,154	1,309,140	1,288,178
786	923	757	696	829	923	914	881	761	789	780	737	865
306,764	276,400	248,276	287,176	328,044	340,633	330,464	362,168	369,805	359,672	349,850	264,197	328,395
66,010	69,624	51,730	66,906	56,898	60,130	53,794	58,606	55,301	52,925	62,291	49,075	67,075
8,757	7,918	6,710	7,246	9,551	8,108	6,550	7,088	5,538	11,610	11,800	8,894	10,015
893	799	686	798	769	724	722	755	732	733	755	838	888
37,465	35,439	33,747	33,065	31,025	31,984	30,732	27,704	27,893	27,297	31,169	26,500	28,799

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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

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.

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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:

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

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

$i = 1, 2, \dots k$

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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

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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.

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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.

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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).