



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

PERANGKAAN PEMBUATAN BULANAN MONTHLY MANUFACTURING STATISTICS

FEBRUARI 2025
FEBRUARY

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PEMAKLUMAN / ANNOUNCEMENT

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

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

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

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

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

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

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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KATA PENGANTAR

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

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

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

Dato' Sri Dr. Mohd Uzir Mahidin

Ketua Perangkawan Malaysia

April 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

April 2025



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KALENDAR KELUARAN AWALAN 2025 / ADVANCE RELEASE CALENDAR 2025

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

Nota / Notes:

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

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

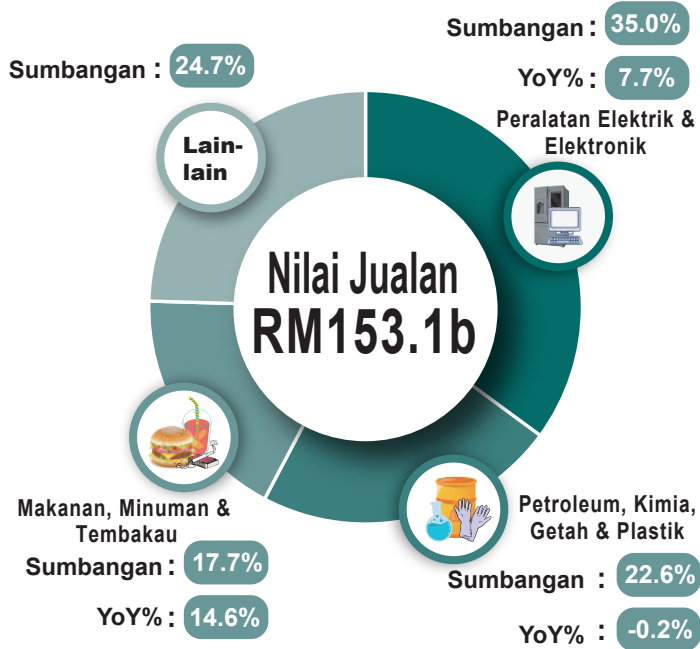
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RINGKASAN PENEMUAN

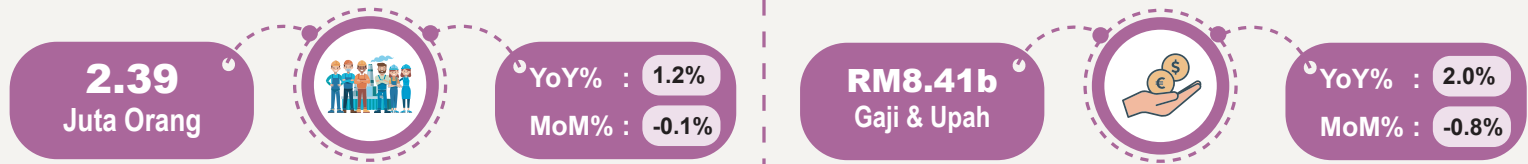
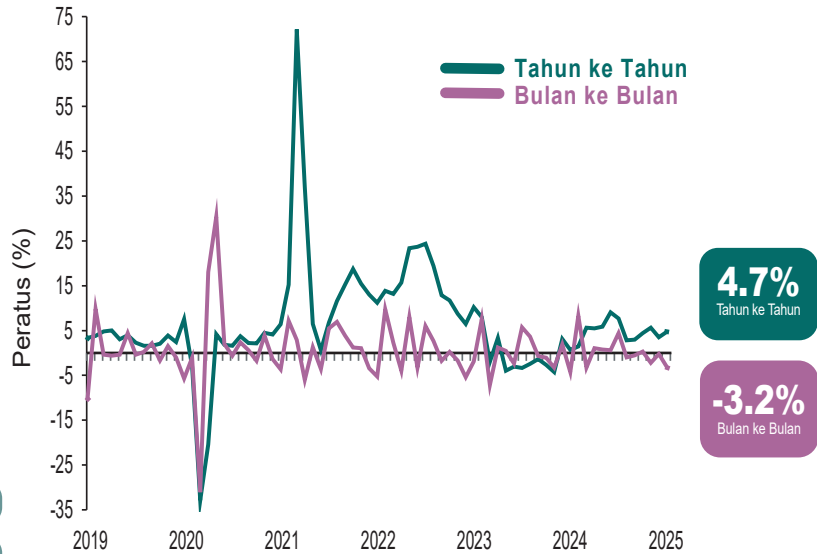
*Summary of
Findings*

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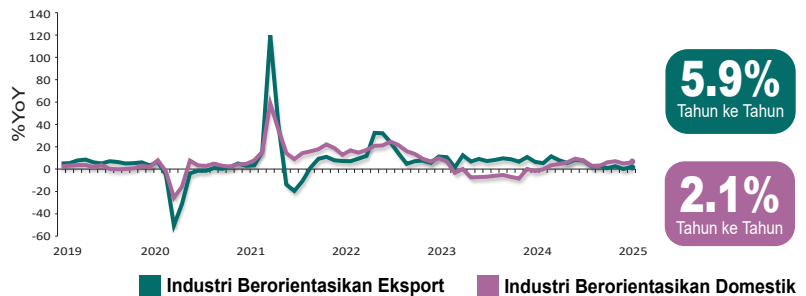
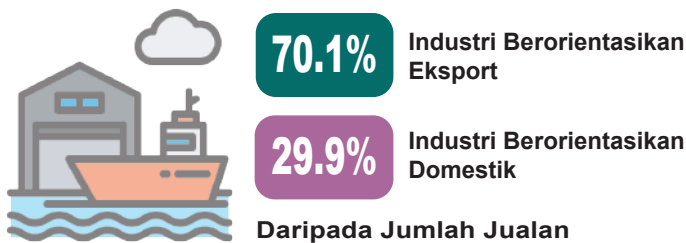
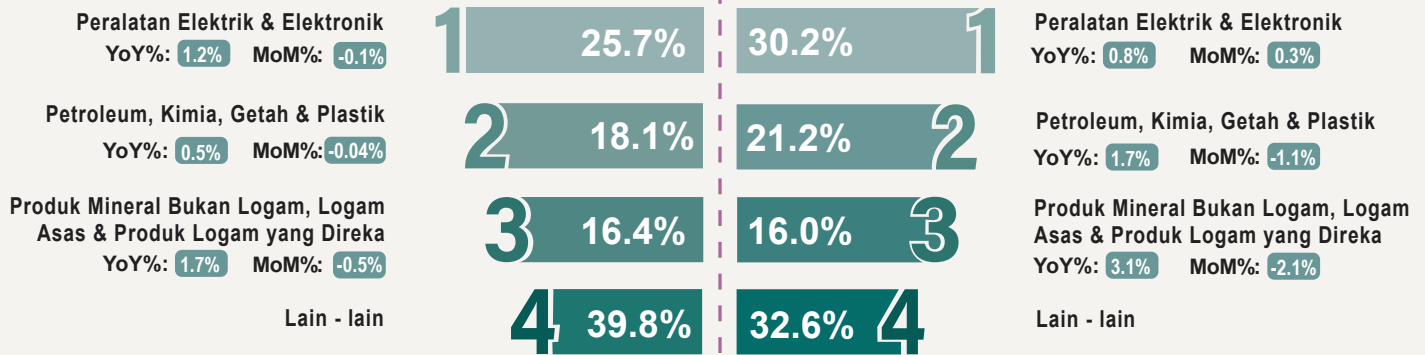
PERANGKAAN PEMBUATAN, FEBRUARI 2025



Jualan sektor Pembuatan meningkat 4.7 peratus; berjumlah RM153.1 bilion pada Februari 2025



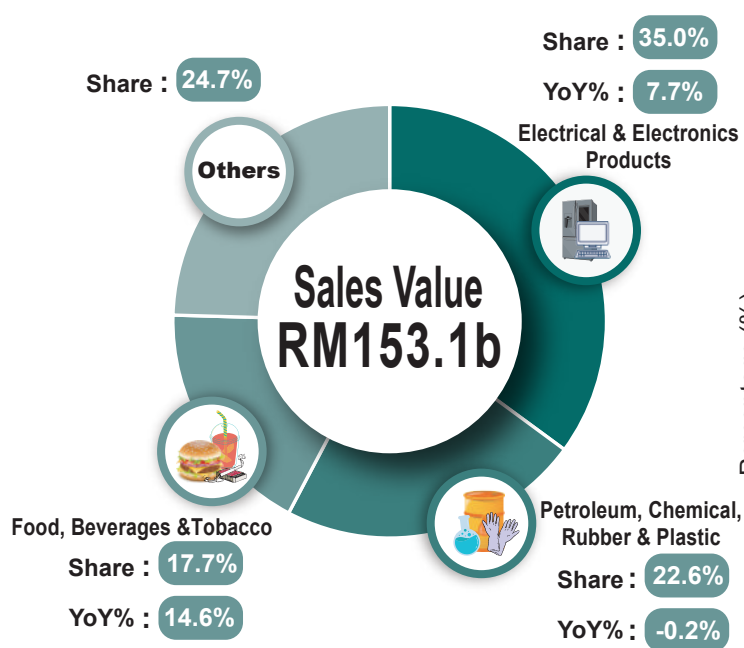
Sumbangan %



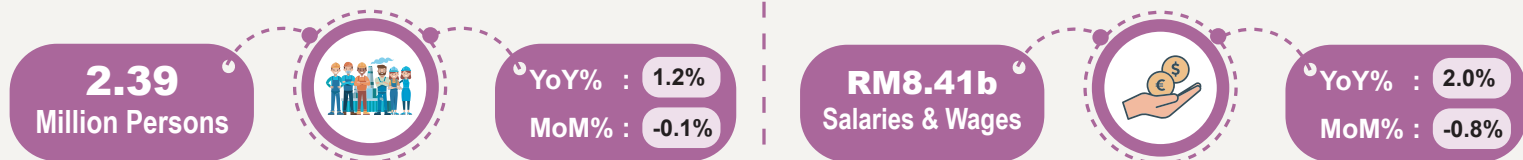
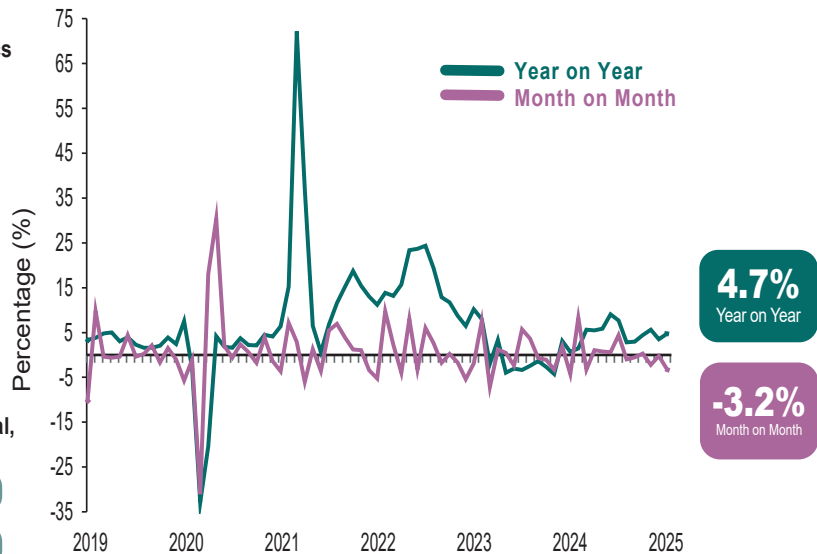
Sumber: Perangkaan Pembuatan Malaysia, Jabatan Perangkaan Malaysia (DOSM)



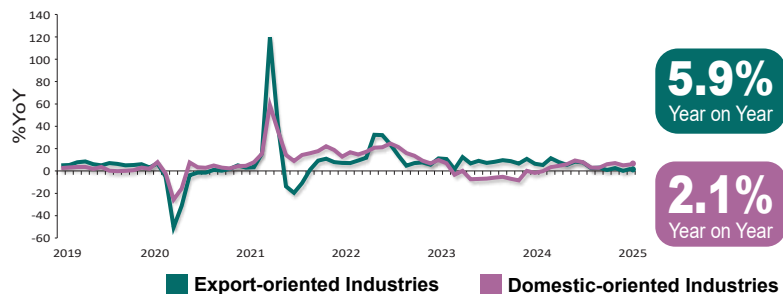
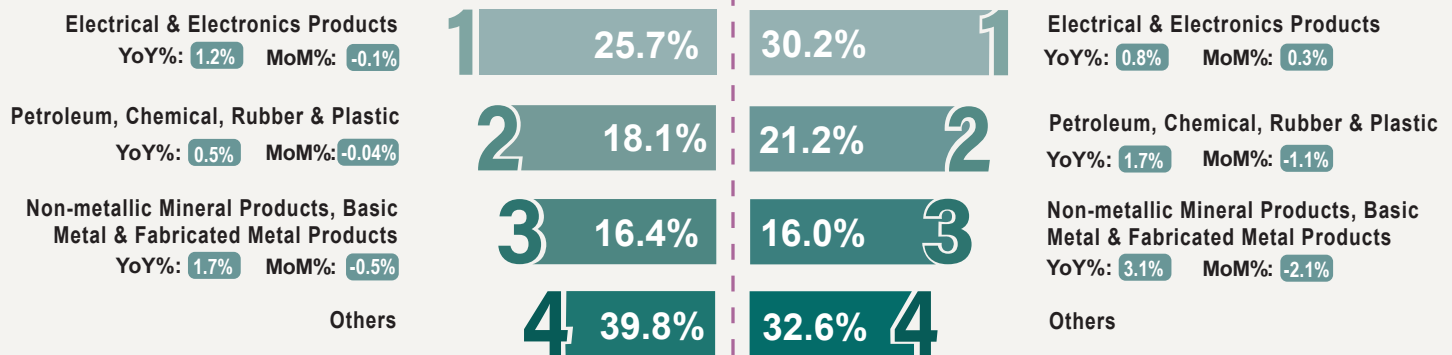
MANUFACTURING STATISTICS, FEBRUARY 2025



The Manufacturing sector sales increased 4.7 per cent; amounted to RM153.1 billion in February 2025



Share %



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

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



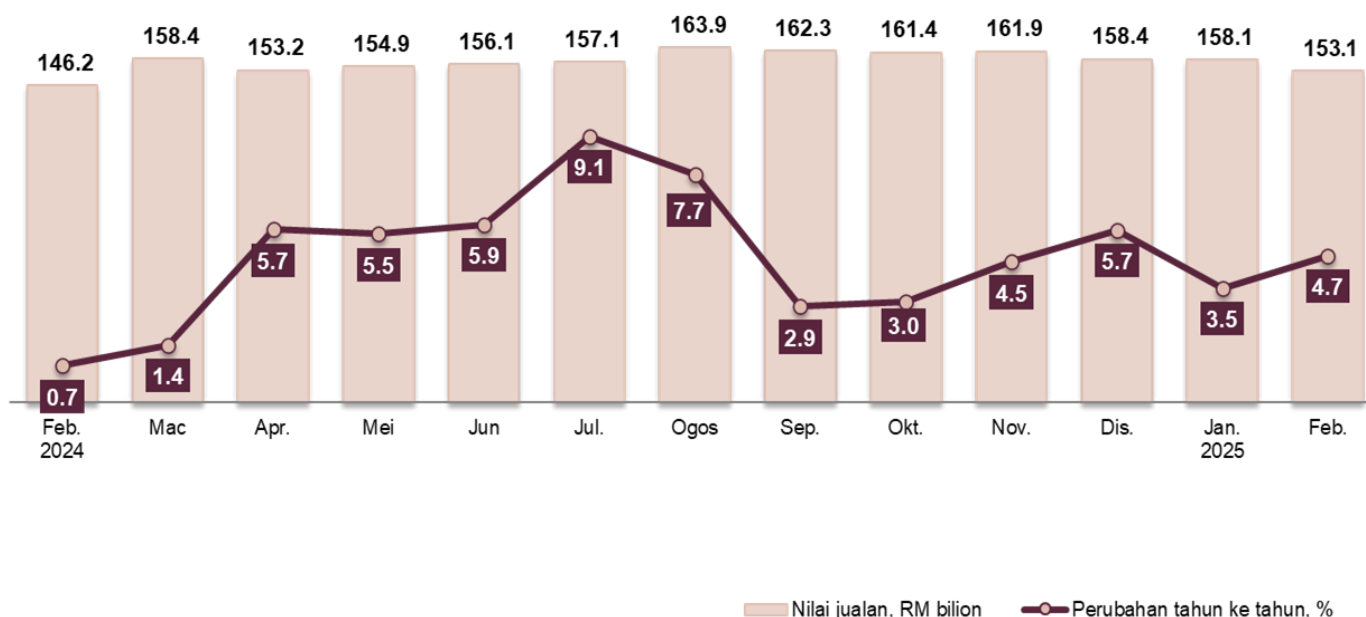
PRESTASI SEKTOR PEMBUATAN FEBRUARI 2025

1.0 NILAI JUALAN SEKTOR PEMBUATAN

Nilai jualan sektor Pembuatan pada Februari 2025 meningkat 4.7 peratus (Januari 2025: 3.5%), berjumlah RM153.1 bilion seperti yang ditunjukkan di **Carta 1**. Perbandingan dengan bulan sebelumnya, nilai jualan berkurang sebanyak 3.2 peratus kepada RM153.1 bilion berbanding RM158.1 bilion yang direkodkan pada bulan sebelumnya. Begitu juga, nilai jualan pelarasan bermusim meningkat 1.2 peratus berbanding bulan sebelumnya.

Peningkatan nilai jualan sektor Pembuatan dipacu terutamanya oleh subsektor Makanan, minuman & tembakau yang merekodkan pertumbuhan memberangsangkan 14.6 peratus pada Februari 2025 (Januari 2025: 10.6%). Ini diikuti dengan subsektor Peralatan elektrik & elektronik dan Produk mineral bukan logam, logam asas & produk logam, masing-masing pada 7.7 peratus (Januari 2025: 7.3%) dan 4.4 peratus (Januari 2025: 2.1%).

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

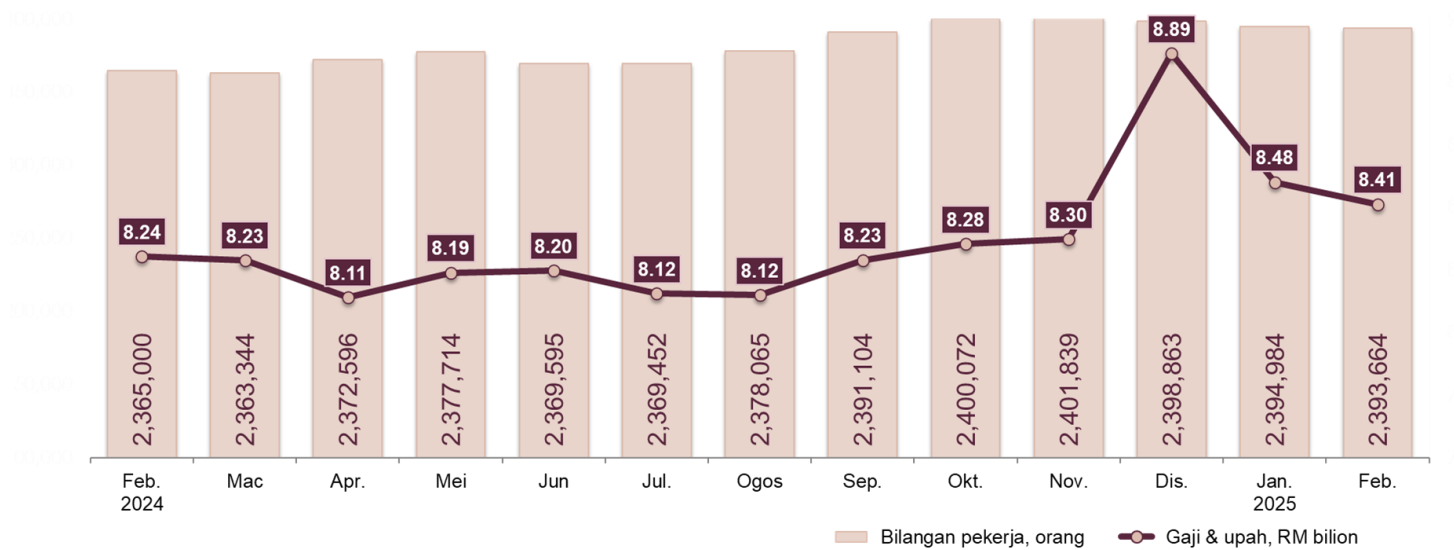
2.0 BILANGAN PEKERJA

Seramai 2.39 juta orang terlibat dalam sektor ini pada Februari 2025, bertambah 1.2 peratus (Januari 2025: 0.9%). Pertambahan ini didorong terutamanya oleh subsektor Makanan, minuman & tembakau (2.2%); Produk mineral bukan logam, logam asas & produk logam yang direka (1.7%); dan Peralatan elektrik & elektronik (1.2%). Perbandingan bulan ke bulan, bilangan pekerja dalam sektor ini berkurang 0.1 peratus.

3.0 GAJI & UPAH

Gaji & upah yang dibayar dalam sektor Pembuatan juga mencatatkan peningkatan 2.0 peratus, berjumlah RM8.4 bilion pada Februari 2025 (Januari 2025: 1.5%) seperti yang ditunjukkan di **Carta 2**. Perbandingan bulan ke bulan, gaji & upah yang dibayar menyusut 0.8 peratus.

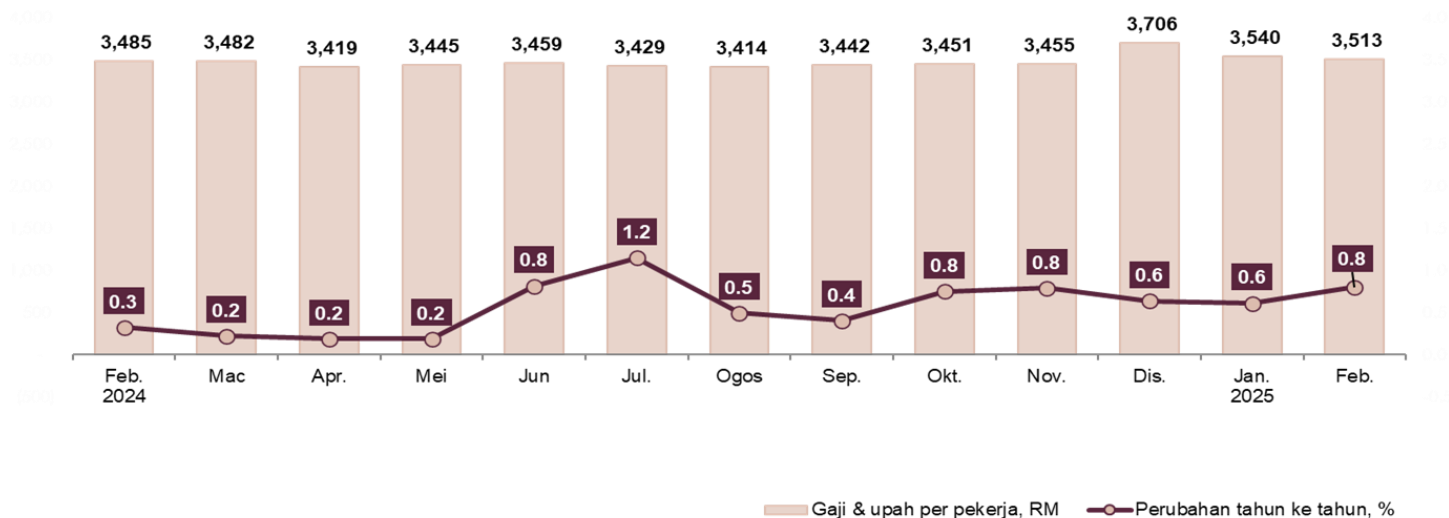
Carta 2: Bilangan Pekerja dan Gaji & Upah Sektor Pembuatan, Februari 2024 - Februari 2025



4.0 PURATA GAJI & UPAH PER PEKERJA

Purata gaji & upah bulanan bagi setiap pekerja adalah RM3,513 pada Februari 2025, meningkat sebanyak 0.8 peratus berbanding setahun yang lalu seperti yang dipaparkan di **Carta 3**. Sementara itu, purata gaji & upah bagi setiap pekerja menguncup sebanyak 0.8 peratus berbanding bulan sebelumnya (Januari 2025: RM3,540).

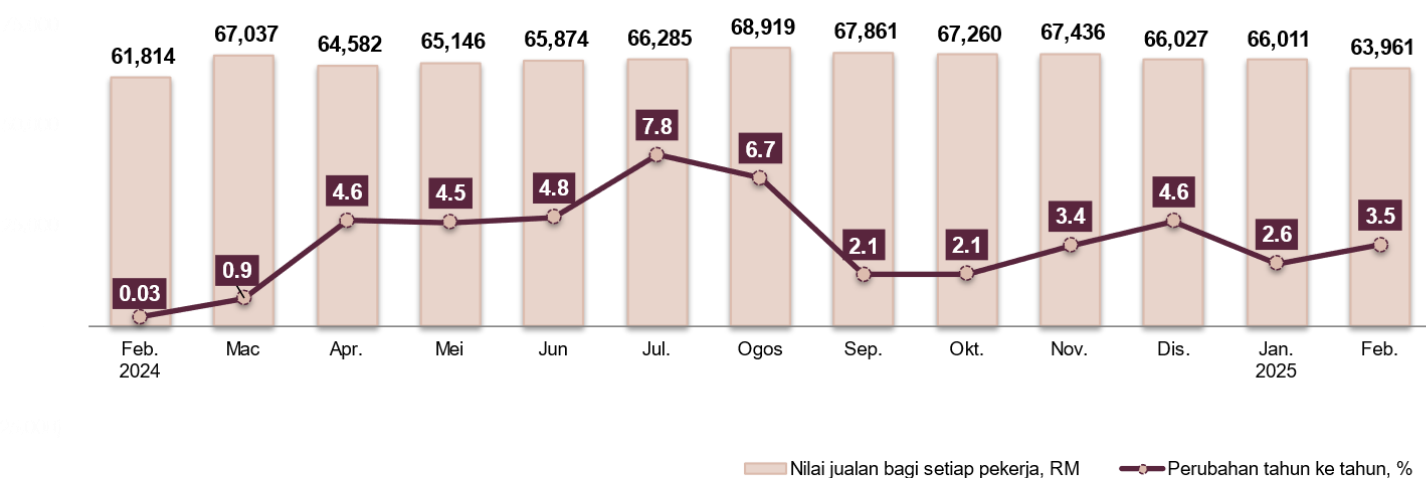
Carta 3: Gaji & Upah Per Pekerja Sektor Pembuatan, Februari 2024 - Februari 2025



5.0 NILAI JUALAN PER PEKERJA

Nilai jualan bagi setiap pekerja pada Februari 2025 meningkat sebanyak 3.5 peratus untuk merekodkan RM63,961 berbanding RM61,814 pada bulan yang sama tahun sebelumnya (**Carta 4**). Pada masa yang sama, purata nilai jualan bagi setiap pekerja jatuh 3.1 peratus berbanding Januari 2025.

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



6.0 PRESTASI BAGI TEMPOH JANUARI - FEBRUARI 2025

Sepanjang dua bulan pertama tahun ini (Januari – Februari 2025), nilai jualan bagi sektor Pembuatan adalah berjumlah RM311.2 bilion, meningkat sebanyak 4.1 peratus berbanding tempoh yang sama tahun 2024 (Januari – Februari 2024: 1.9%). Bilangan pekerja menokok sebanyak 1.2 peratus kepada 2.39 juta orang, manakala gaji & upah meningkat 1.8 peratus kepada RM16.9 bilion

Oleh itu, nilai jualan bagi setiap pekerja berjumlah RM130,009, tumbuh 2.9 peratus. Butiran terperinci seperti ditunjukkan di **Jadual A**.

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

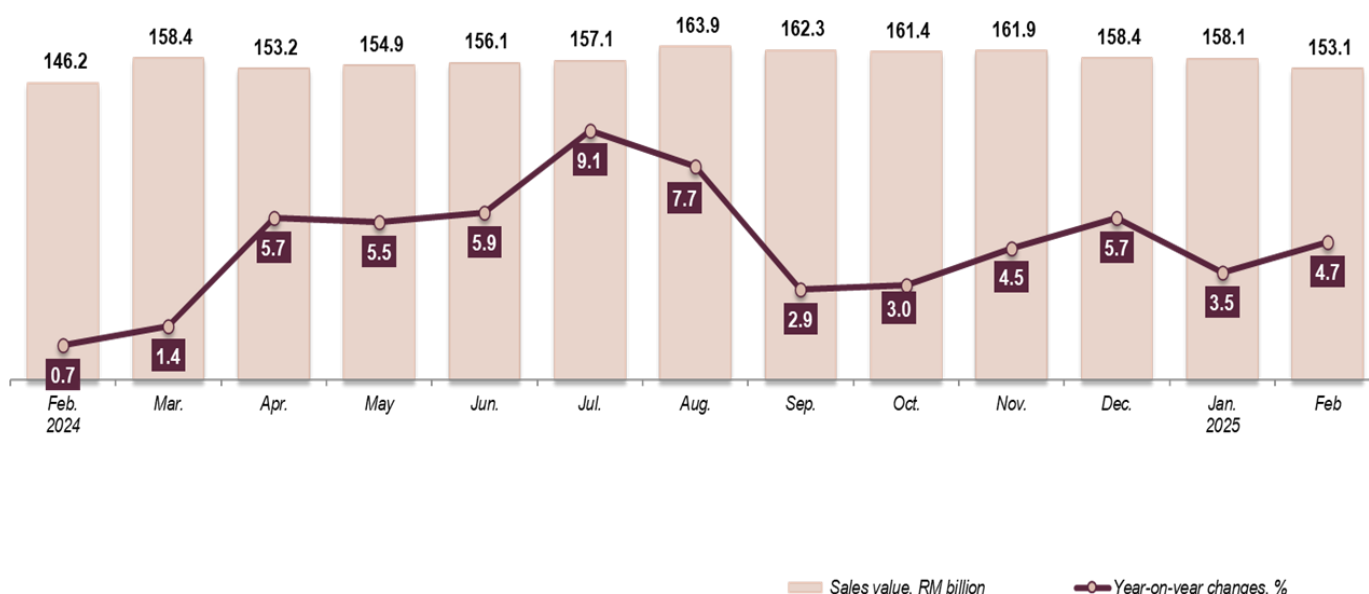
Perangkaan Pembuatan Bulanan	Januari - Februari		% Perubahan
	2024	2025	
Nilai Jualan (RM juta)	298,895	311,197	4.1
Bilangan Pekerja	2,365,000	2,393,664	1.2
Gaji & Upah (RM juta)	16,593	16,889	1.8
Nilai Jualan Per Pekerja (RM)	126,382	130,009	2.9

1.0 SALES VALUE OF THE MANUFACTURING SECTOR

The sales value of the Manufacturing sector in February 2025 improved 4.7 per cent (January 2025: 3.5%), reached RM153.1 billion as shown in **Chart 1**. Comparison with the preceding month, the sales value decreased by 3.2 per cent to RM153.1 billion as against RM158.1 billion recorded in the preceding month. Similarly, the seasonal adjusted sales value increased by 1.2 per cent as compared to the preceding month.

The growth in sales value within the Manufacturing sector was mainly driven by the Food, beverages & tobacco sub-sector which recorded a favourable growth of 14.6 per cent in February 2025 (January 2025: 10.6%). This was followed by the Electrical & electronics products and Non-metallic mineral products, basic metal & fabricated metal products sub-sectors at 7.7 per cent (January 2025: 7.3%) and 4.4 per cent (January 2025: 2.1%), respectively.

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

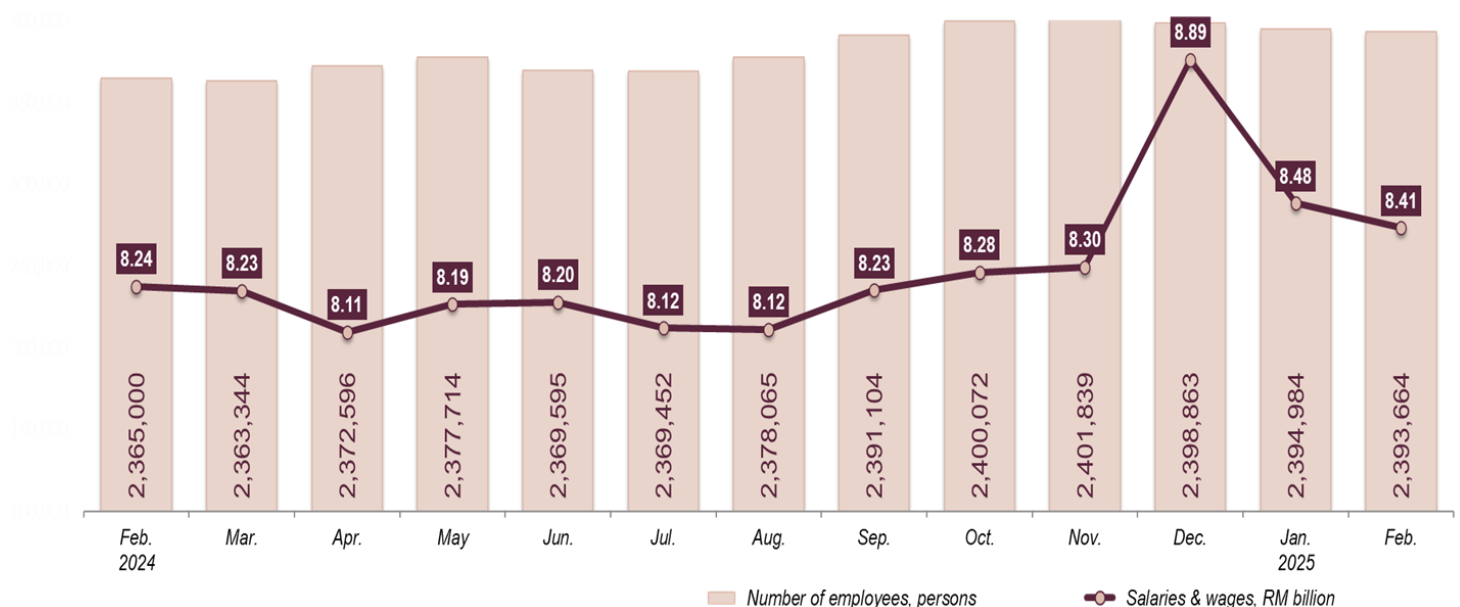
2.0 NUMBER OF EMPLOYEES

There are 2.39 million persons engaged in this sector during February 2025, augmented by 1.2 per cent (January 2025: 0.9%). The augmentation was mainly driven by the Food, beverages & tobacco (2.2%); Non-metallic mineral products, basic metal & fabricated metal products (1.7%); and Electrical & electronics products (1.2%) sub-sectors. On a month-on-month basis, the number of employees in this sector decreased 0.1 per cent.

3.0 SALARIES & WAGES

The salaries & wages paid in the Manufacturing sector also posted an increase of 2.0 per cent, amounted to RM8.4 billion in February 2025 (January 2025: 1.5%) as shown in **Chart 2**. Comparison by month-on-month, the salaries & wages paid declined by 0.8 per cent.

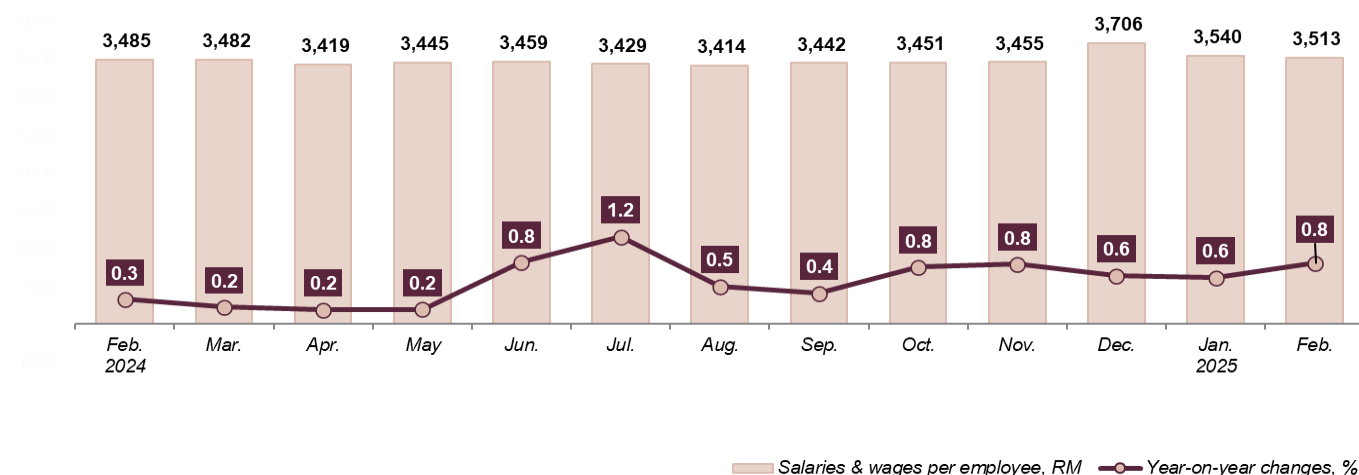
Chart 2: Number of Employees and Salaries & Wages in Manufacturing Sector, February 2024 - February 2025



4.0 AVERAGE SALARIES & WAGES PER EMPLOYEE

The average monthly salaries & wages per employee was RM3,513 in February 2025, rose 0.8 per cent as compared to a year ago as depicted in **Chart 3**. Meanwhile, the average salaries & wages paid per employee contracted by 0.8 per cent as compared to the preceding month (January 2025: RM3,540).

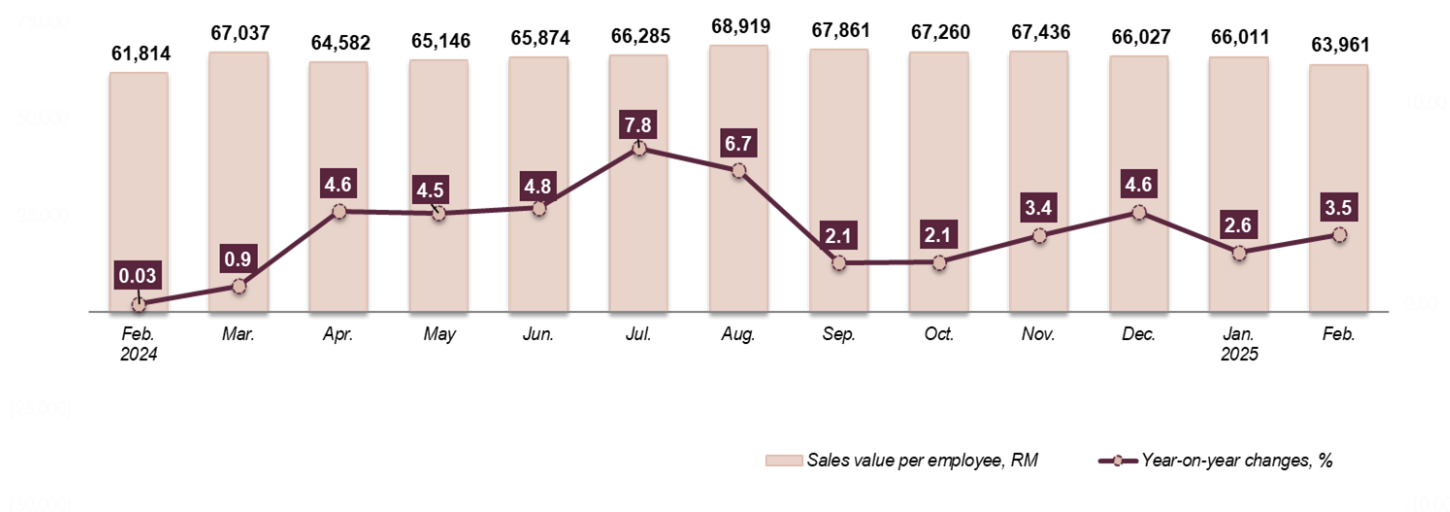
Chart 3: Salaries & Wages per Employee in Manufacturing Sector, February 2024 - February 2025



5.0 SALES VALUE PER EMPLOYEE

The sales value per employee in February 2025 increased by 3.5 per cent to record RM63,391 as compared to RM61,814 in the same month of the previous year (**Chart 4**). In the meantime, the average sales value per employee dropped 3.1 per cent as compared to January 2025.

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



6.0 PERFORMANCE IN THE PERIOD JANUARY - FEBRUARY 2025

Throughout the first two months this year (January – February 2025), the sales value of the Manufacturing sector was amounted to RM311.2 billion, increased by 4.1 per cent as compared to the same period of 2024 (January – February 2024: 1.9%). The number of employee uptick by 1.2 per cent to 2.39 million persons, while salaries & wages increased by 1.8 per cent to RM16.9 billion

Subsequently, the sales value per employee stood at RM130,009, posting a growth of 2.9 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 - February 2024 and 2025

Monthly Manufacturing Statistics	January - February		% Change
	2024	2025	
Sales Value (RM million)	298,895	311,197	4.1
Number of Employees	2,365,000	2,393,664	1.2
Salaries & Wages (RM million)	16,593	16,889	1.8
Sales Value per Employee (RM)	126,382	130,009	2.9

JADUAL

Tables

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

Tempoh Period		Nilai Jualan Produk Yang Dibuat Sendiri (Di Kilang) Sales value of own (Ex-factory) (RM Juta/Million)				Bilangan Pekerja Bergaji Pada Akhir Tempoh Number of employees engaged at end of period				Gaji & Upah Yang Dibayar Salaries & wages paid (RM Juta/Million)			
		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
2022		1,800,930	15.8			2,335,435	3.4			94,528	5.2		
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		
2023	Q1	449,424	8.2			2,351,269	2.8			24,517	4.3		
	Q2	439,208	-1.0			2,345,574	2.1			24,165	3.6		
	Q3	453,856	-2.9			2,372,752	2.4			24,068	3.0		
	Q4	461,548	-2.7			2,374,557	1.7			25,039	2.9		
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		
2024	(Jan. - Feb.)	298,895	1.9			2,365,000	0.6			16,593	1.5		
2025	(Jan. - Feb.)	311,197	4.1			2,393,664	1.2			16,889	1.8		
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.	153,102	4.7	161,979	1.2	2,393,664	1.2	2,389,793	0.1	8,410	2.0	8,326	0.2

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

Subsektor Sub-sector	2023	2024	2023				2024			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	309,508	338,336	73,072	74,851	78,190	83,395	75,567	80,980	87,830	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	292,444	319,765	68,673	70,724	74,099	78,948	70,861	76,479	83,353	
11 Pembuatan minuman <i>Manufacture of beverages</i>	13,055	14,226	3,204	3,131	3,284	3,436	3,399	3,387	3,592	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4,010	4,345	1,196	996	807	1,010	1,307	1,114	885	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	24,153	25,461	6,152	5,888	5,842	6,271	6,544	6,264	6,234	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	11,404	12,252	2,897	2,866	2,770	2,872	3,117	3,164	2,981	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	9,873	10,176	2,533	2,374	2,391	2,576	2,656	2,439	2,530	
15 Pembuatan produk kulit dan barangan bfrkaitan <i>Manufacture of leather and related products</i>	2,876	3,034	723	649	681	823	771	660	722	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	86,146	89,211	23,605	19,571	19,863	23,108	24,394	20,496	20,760	
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	7,502	4,976	5,353	6,776	7,408	5,141	5,590	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	29,883	30,153	7,561	7,377	7,381	7,564	7,711	7,488	7,466	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	14,526	15,504	3,812	3,452	3,457	3,804	3,948	3,708	3,777	
31 Pembuatan perabot <i>Manufacture of furniture</i>	17,130	18,569	4,729	3,766	3,671	4,964	5,326	4,159	3,926	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubbfr and plastic</i>	469,010	464,334	116,905	118,176	119,555	114,375	111,249	117,714	121,055	
19 Pembuatan kok dan produk petroleum bfrtapis <i>Manufacture of coke and refined petroleum products</i>	224,749	208,646	55,680	56,542	58,478	54,050	48,509	52,490	56,180	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	112,375	115,258	29,632	26,787	28,168	27,788	29,595	28,309	29,460	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	10,708	11,312	2,702	2,629	2,714	2,663	2,848	2,807	2,885	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubbfr and plastics products</i>	121,177	129,117	28,891	32,218	30,195	29,873	30,297	34,109	32,529	
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	47,150	42,407	42,162	47,748	51,069	47,067	45,542	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	52,777	56,071	14,105	12,626	12,585	13,461	15,168	13,631	13,493	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	56,455	59,789	15,284	12,417	12,844	15,910	15,889	13,733	13,850	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	70,235	77,199	17,762	17,365	16,733	18,376	20,012	19,703	18,199	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	598,972	635,465	149,095	147,221	154,914	147,743	152,307	157,995	167,434	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	496,238	530,648	124,697	121,532	128,717	121,292	127,730	132,055	140,640	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	57,863	58,261	13,583	14,155	15,645	14,480	13,559	14,035	15,929	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	44,872	46,555	10,815	11,534	10,552	11,971	11,018	11,905	10,866	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	136,778	140,683	33,444	31,093	33,331	38,910	36,196	33,703	34,360	
29 Pembuatan kenderaan bfrmotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	101,255	103,992	24,643	22,206	24,909	29,498	27,089	24,408	25,671	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	16,045	16,365	4,077	3,946	3,633	4,390	4,152	4,054	3,700	
32 Pembuatan lain <i>Other manufacturing</i>	13,315	13,872	3,095	3,555	3,356	3,309	3,248	3,755	3,498	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6,163	6,454	1,629	1,386	1,433	1,714	1,706	1,485	1,492	
Pembuatan Manufacturing	Jumlah Total	1,804,035	1,886,549	449,424	439,208	453,856	461,548	457,326	464,219	483,215

(RM Juta/Million)																
Q4	2024	2025	2024	2025												
	(Jan. - Feb.)	(Jan. - Feb.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
93,959	51,456	57,858	27,744	23,712	24,111	26,408	27,470	27,102	28,269	30,064	29,497	31,595	31,219	31,145	30,687	27,171
89,071	48,434	54,614	26,219	22,214	22,427	24,813	25,946	25,720	26,797	28,526	28,030	29,916	29,612	29,543	29,053	25,561
3,849	2,206	2,415	1,115	1,091	1,193	1,196	1,113	1,077	1,164	1,234	1,193	1,319	1,263	1,266	1,216	1,199
1,039	817	829	410	407	490	399	411	305	308	304	274	360	343	336	417	412
6,419	4,336	4,344	2,234	2,102	2,209	2,094	2,142	2,027	2,132	2,098	2,004	2,098	2,168	2,154	2,232	2,112
2,989	2,088	2,024	1,071	1,018	1,029	1,026	1,088	1,050	1,030	1,032	920	964	1,004	1,020	1,041	983
2,551	1,734	1,769	899	835	922	840	832	767	886	822	823	851	859	841	908	861
880	514	551	264	250	258	227	223	210	217	244	261	282	305	292	283	268
23,561	15,972	16,175	8,176	7,796	8,421	7,512	6,822	6,162	6,456	6,985	7,319	7,618	8,002	7,941	8,215	7,959
6,845	4,772	4,764	2,482	2,290	2,636	2,097	1,638	1,406	1,478	1,976	2,137	2,318	2,272	2,255	2,458	2,306
7,487	5,116	5,040	2,579	2,537	2,595	2,612	2,456	2,420	2,513	2,508	2,445	2,428	2,551	2,509	2,530	2,510
4,071	2,638	2,822	1,321	1,316	1,310	1,279	1,199	1,229	1,296	1,234	1,247	1,228	1,440	1,403	1,410	1,412
5,157	3,446	3,549	1,794	1,652	1,880	1,523	1,528	1,107	1,168	1,267	1,490	1,644	1,740	1,774	1,818	1,730
114,315	72,966	73,206	38,231	34,736	38,283	39,467	37,848	40,399	41,362	40,616	39,077	39,534	38,797	35,984	38,534	34,672
51,468	32,380	31,070	17,176	15,204	16,129	17,118	16,001	19,370	19,483	18,780	17,917	18,536	17,782	15,150	16,807	14,263
27,894	19,701	20,154	10,322	9,379	9,894	9,594	9,450	9,265	9,711	10,241	9,509	8,991	9,335	9,569	10,428	9,726
2,772	1,847	1,945	904	942	1,001	965	846	996	962	954	970	949	912	911	935	1,010
32,182	19,038	20,036	9,828	9,211	11,259	11,790	11,551	10,769	11,206	10,642	10,681	11,059	10,769	10,353	10,364	9,673
49,382	33,525	34,604	17,081	16,443	17,545	16,967	15,189	14,912	14,482	15,169	15,891	15,842	16,432	17,108	17,441	17,163
13,779	10,010	10,163	5,140	4,869	5,158	4,804	4,434	4,393	4,582	4,523	4,388	4,273	4,663	4,843	5,194	4,969
16,317	10,343	10,711	5,140	5,203	5,546	5,225	4,465	4,042	3,899	4,513	5,438	5,426	5,513	5,379	5,237	5,474
19,285	13,172	13,730	6,801	6,371	6,840	6,938	6,289	6,476	6,000	6,133	6,066	6,143	6,256	6,886	7,010	6,720
157,728	96,135	103,348	46,315	49,820	56,172	49,253	53,228	55,514	52,637	57,137	57,661	52,772	52,938	52,019	49,687	53,660
130,224	79,644	85,808	37,731	41,913	48,086	40,611	44,502	46,942	44,057	48,073	48,509	43,722	43,716	42,785	40,637	45,172
14,738	9,095	9,417	4,772	4,323	4,464	4,586	4,766	4,683	5,070	5,397	5,462	5,165	4,823	4,751	4,893	4,524
12,766	7,397	8,122	3,813	3,584	3,621	4,056	3,960	3,889	3,509	3,667	3,689	3,885	4,398	4,483	4,157	3,965
36,425	24,504	21,662	12,922	11,582	11,692	11,526	12,199	9,978	11,723	11,823	10,814	11,970	12,416	12,039	11,299	10,363
26,824	18,595	15,530	9,877	8,718	8,494	8,193	9,157	7,058	8,944	9,015	7,712	8,825	9,126	8,874	8,140	7,390
4,459	2,662	2,700	1,374	1,288	1,491	1,486	1,302	1,267	1,209	1,202	1,289	1,465	1,537	1,457	1,391	1,309
3,371	2,173	2,302	1,123	1,049	1,075	1,237	1,309	1,209	1,144	1,134	1,220	1,096	1,143	1,132	1,195	1,107
1,770	1,074	1,131	548	527	632	610	432	444	426	473	593	584	610	576	574	557
481,788	298,895	311,197	152,704	146,191	158,431	153,227	154,897	156,094	157,060	163,893	162,262	161,428	161,971	158,389	158,095	153,102

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	2023				2024		
			Q1	Q2	Q3	Q4	Q1	Q2	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-3.3	9.3	6.1	-12.7	-5.3	0.4	3.4	8.2	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-3.8	9.3	6.3	-13.7	-5.8	0.1	3.2	8.1	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.7	9.0	0.2	3.2	1.4	5.8	6.1	8.2	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	17.6	8.4	17.4	27.0	18.6	9.0	9.3	11.8	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.2	5.4	0.9	3.7	2.5	1.6	6.4	6.4	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-2.1	7.4	-2.1	-1.2	-2.7	-2.6	7.6	10.4	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	3.1	3.1	7.4	7.5	4.6	4.9	2.8	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	9.0	5.5	6.4	14.2	8.2	8.3	6.7	1.8	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.4	3.6	1.8	1.7	-0.5	2.3	3.3	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>	-5.0	1.5	-3.9	-2.3	-7.2	-6.2	-1.3	3.3	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	5.7	0.9	11.0	4.8	1.9	5.6	2.0	1.5	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.0	6.7	7.5	5.5	7.5	3.6	3.6	7.4	
31 Pembuatan perabot <i>Manufacture of furniture</i>	0.2	8.4	-5.7	-1.9	-1.4	9.8	12.6	10.5	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-6.0	-1.0	8.0	-4.8	-13.3	-11.2	-4.8	-0.4	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	-10.1	-7.2	21.9	-6.2	-22.7	-20.9	-12.9	-7.2	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	0.7	2.6	2.1	0.7	0.7	-0.6	-0.1	5.7	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	5.2	5.6	12.0	5.1	0.7	3.5	5.4	6.8	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-5.0	6.6	-7.3	-7.4	-4.5	-0.3	4.9	5.9	
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	6.1	6.2	7.2	7.7	8.3	11.0	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	7.1	6.2	6.9	6.8	7.6	7.0	7.5	8.0	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4.1	5.9	5.0	3.6	2.8	4.9	4.0	10.6	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	8.8	9.9	6.3	7.8	10.6	10.7	12.7	13.5	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	3.0	6.1	10.2	5.5	1.6	-4.2	2.2	7.3	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.4	6.9	11.1	6.3	2.2	-4.7	2.4	8.7	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3.2	0.7	5.9	5.2	4.3	-1.9	-0.2	-0.9	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-1.9	3.8	4.9	-2.3	-8.1	-1.3	1.9	3.2	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	10.9	2.9	14.8	6.8	12.4	9.8	8.2	8.4	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	13.5	2.7	18.6	7.2	15.7	12.6	9.9	9.9	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.3	2.0	6.4	5.4	-0.5	-1.7	1.9	2.7	
32 Pembuatan lain <i>Other manufacturing</i>	5.1	4.2	3.4	4.4	5.7	6.9	5.0	5.6	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	7.3	4.7	7.4	11.5	10.6	1.4	4.7	7.1	
Pembuatan Manufacturing	Jumlah Total	0.2	4.6	8.2	-1.0	-2.9	-2.7	1.8	5.7

(%)

2024																	
		2024	2025	2024												2025	
Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
12.3	12.7	4.6	12.4	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	14.6
12.5	12.8	4.5	12.8	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	15.1
9.4	12.0	5.5	9.5	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
9.6	2.8	9.9	1.5	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	1.1
6.7	2.4	6.1	0.2	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
7.6	4.1	8.7	-3.1	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
5.8	-1.0	2.8	2.0	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
6.0	6.9	7.4	7.2	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
4.5	2.0	3.3	1.3	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	2.1
4.4	1.0	-2.5	-0.2	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
1.1	-1.0	3.9	-1.5	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
9.3	7.0	3.6	7.0	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
7.0	3.9	11.2	3.0	13.0	9.2	15.3	16.1	8.3	6.3	5.4	8.7	6.8	5.3	2.6	3.9	1.4	4.7
1.3	-0.1	-5.8	0.3	-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	-0.2
-3.9	-4.8	-15.7	-4.0	-21.0	-8.8	-6.7	-5.2	-17.6	1.6	4.8	-7.5	-8.5	-7.0	-4.4	-2.4	-2.1	-6.2
4.6	0.4	1.4	2.3	5.3	-2.6	-3.0	9.9	3.8	3.4	7.1	4.1	2.7	-1.0	0.4	1.7	1.0	3.7
6.3	4.1	4.9	5.3	3.3	6.5	6.3	7.4	3.0	9.4	8.7	5.4	4.9	1.7	4.6	6.1	3.4	7.2
7.7	7.7	6.5	5.2	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
8.0	3.4	7.6	3.2	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
7.2	2.4	8.1	1.5	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
7.8	2.6	3.5	3.6	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
8.8	4.9	10.7	4.2	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
8.1	6.8	2.0	7.5	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	7.7
9.3	7.4	2.1	7.7	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
1.8	1.8	1.2	3.5	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
3.0	6.6	2.5	9.8	3.3	1.6	0.7	4.6	2.4	2.7	5.6	2.8	0.7	3.3	7.2	9.2	9.0	10.6
3.1	-6.4	13.2	-11.6	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	-10.5
3.1	-9.1	16.6	-16.5	19.8	13.2	-2.4	23.1	12.9	-5.2	6.2	10.4	-7.3	-3.6	-13.0	-10.0	-17.6	-15.2
1.8	1.6	2.9	1.4	3.8	1.9	0.1	1.7	4.7	2.0	3.1	1.6	0.8	0.5	1.2	3.1	1.2	1.6
4.2	1.9	4.8	6.0	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
4.1	3.3	3.2	5.3	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
6.5	4.4	1.9	4.1	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

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	2023				2024				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	-12.0	2.4	4.5	6.7	-9.4	7.2	8.5	7.0	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	-12.9	3.0	4.8	6.5	-10.2	7.9	9.0	6.9	
11 Pembuatan minuman <i>Manufacture of beverages</i>	-1.4	-2.3	4.9	4.7	-1.1	-0.4	6.0	7.2	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	29.1	-16.7	-19.0	25.1	29.4	-14.7	-20.6	17.4	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	-0.3	-4.3	-0.8	7.3	4.4	-4.3	-0.5	3.0	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	-1.7	-1.1	-3.3	3.7	8.6	1.5	-5.8	0.2	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	2.9	-6.3	0.7	7.8	3.1	-8.1	3.7	0.8	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	-4.9	-10.3	5.0	20.8	-6.3	-14.4	9.4	21.8	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.5	-17.1	1.5	16.3	5.6	-16.0	1.3	13.5	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	3.8	-33.7	7.6	26.6	9.3	-30.6	8.7	22.4	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	5.6	-2.4	0.1	2.5	1.9	-2.9	-0.3	0.3	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	3.8	-9.4	0.1	10.0	3.8	-6.1	1.9	7.8	
31 Pembuatan perabot <i>Manufacture of furniture</i>	4.6	-20.4	-2.5	35.2	7.3	-21.9	-5.6	31.4	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	-9.3	1.1	1.2	-4.3	-2.7	5.8	2.8	-5.6	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	-18.5	1.5	3.4	-7.6	-10.3	8.2	7.0	-8.4	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	6.0	-9.6	5.2	-1.3	6.5	-4.3	4.1	-5.3	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	5.0	-2.7	3.2	-1.9	6.9	-1.5	2.8	-3.9	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-3.6	11.5	-6.3	-1.1	1.4	12.6	-4.6	-1.1	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	6.3	-10.1	-0.6	13.2	7.0	-7.8	-3.2	8.4	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	12.2	-10.5	-0.3	7.0	12.7	-10.1	-1.0	2.1	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.8	-18.8	3.4	23.9	-0.1	-13.6	0.9	17.8	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	7.0	-2.2	-3.6	9.8	8.9	-1.5	-7.6	6.0	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-3.3	-1.3	5.2	-4.6	3.1	3.7	6.0	-5.8	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-2.0	-2.5	5.9	-5.8	5.3	3.4	6.5	-7.4	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-8.0	4.2	10.5	-7.4	-6.4	3.5	13.5	-7.5	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-10.8	6.6	-8.5	13.4	-8.0	8.1	-8.7	17.5	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	-5.6	-7.0	7.2	16.7	-7.0	-6.9	2.0	6.0	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-5.9	-9.9	12.2	18.4	-8.2	-9.9	5.2	4.5	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	-8.7	-3.2	-7.9	20.8	-5.4	-2.4	-8.7	20.5	
32 Pembuatan lain <i>Other manufacturing</i>	-0.01	14.9	-5.6	-1.4	-1.8	15.6	-6.9	-3.6	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	-3.6	-14.9	3.4	19.6	-0.4	-13.0	0.4	18.7	
Pembuatan Manufacturing	Jumlah Total	-5.3	-2.3	3.3	1.7	-0.9	1.5	4.1	-0.3

2024												2025	
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
2.1	-14.5	1.7	9.5	4.0	-1.3	4.3	6.3	-1.9	7.1	-1.2	-0.2	-1.5	-11.5
1.8	-15.3	1.0	10.6	4.6	-0.9	4.2	6.5	-1.7	6.7	-1.0	-0.2	-1.7	-12.0
2.4	-2.2	9.4	0.2	-6.9	-3.2	8.1	6.0	-3.4	10.6	-4.2	0.3	-4.0	-1.4
27.3	-0.6	20.3	-18.6	3.0	-25.8	1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-1.3
7.2	-5.9	5.1	-5.2	2.3	-5.4	5.2	-1.6	-4.5	4.7	3.3	-0.6	3.6	-5.3
10.9	-4.9	1.1	-0.2	6.0	-3.5	-1.9	0.2	-10.9	4.8	4.1	1.6	2.0	-5.6
5.6	-7.2	10.4	-8.8	-1.0	-7.8	15.4	-7.2	0.1	3.5	0.9	-2.0	7.9	-5.1
-1.3	-5.5	3.4	-11.8	-2.1	-5.4	3.0	12.6	7.1	7.9	8.1	-4.1	-3.3	-5.3
5.9	-4.7	8.0	-10.8	-9.2	-9.7	4.8	8.2	4.8	4.1	5.0	-0.8	3.5	-3.1
12.6	-7.7	15.1	-20.4	-21.9	-14.2	5.1	33.7	8.1	8.5	-2.0	-0.7	9.0	-6.2
3.2	-1.6	2.3	0.7	-6.0	-1.5	3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8
0.8	-0.4	-0.5	-2.4	-6.3	2.4	5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2
5.1	-7.9	13.8	-19.0	0.3	-27.5	5.5	8.5	17.6	10.3	5.8	2.0	2.5	-4.8
7.6	-9.1	10.2	3.1	-4.1	6.7	2.4	-1.8	-3.8	1.2	-1.9	-7.3	7.1	-10.0
10.6	-11.5	6.1	6.1	-6.5	21.1	0.6	-3.6	-4.6	3.5	-4.1	-14.8	10.9	-15.1
9.7	-9.1	5.5	-3.0	-1.5	-2.0	4.8	5.5	-7.2	-5.4	3.8	2.5	9.0	-6.7
5.3	4.2	6.3	-3.6	-12.4	17.7	-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1
0.8	-6.3	22.2	4.7	-2.0	-6.8	4.1	-5.0	0.4	3.5	-2.6	-3.9	0.1	-6.7
3.1	-3.7	6.7	-3.3	-10.5	-1.8	-2.9	4.7	4.8	-0.3	3.7	4.1	1.9	-1.6
8.6	-5.3	5.9	-6.9	-7.7	-0.9	4.3	-1.3	-3.0	-2.6	9.1	3.9	7.2	-4.3
-2.4	1.2	6.6	-5.8	-14.5	-9.5	-3.5	15.7	20.5	-0.2	1.6	-2.4	-2.6	4.5
3.5	-6.3	7.4	1.4	-9.4	3.0	-7.4	2.2	-1.1	1.3	1.8	10.1	1.8	-4.1
-3.2	7.6	12.7	-12.3	8.1	4.3	-5.2	8.6	0.9	-8.5	0.3	-1.7	-4.5	8.0
-3.5	11.1	14.7	-15.5	9.6	5.5	-6.1	9.1	0.9	-9.9	-0.01	-2.1	-5.0	11.2
2.4	-9.4	3.3	2.7	3.9	-1.7	8.3	6.4	1.2	-5.4	-6.6	-1.5	3.0	-7.6
-7.1	-6.0	1.0	12.0	-2.4	-1.8	-9.8	4.5	0.6	5.3	13.2	1.9	-7.3	-4.6
-0.01	-10.4	1.0	-1.4	5.8	-18.2	17.5	0.9	-8.5	10.7	3.7	-3.0	-6.2	-8.3
0.2	-11.7	-2.6	-3.5	11.8	-22.9	26.7	0.8	-14.4	14.4	3.4	-2.8	-8.3	-9.2
-2.9	-6.2	15.7	-0.3	-12.4	-2.7	-4.5	-0.6	7.2	13.7	4.9	-5.1	-4.6	-5.8
2.4	-6.6	2.5	15.1	5.8	-7.6	-5.4	-0.8	7.6	-10.2	4.4	-1.0	5.5	-7.3
-1.7	-3.8	20.0	-3.5	-29.2	2.8	-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9
1.9	-4.3	8.4	-3.3	1.1	0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.2

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	2023		
			Q1	Q2	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	331,015	338,698	318,572	319,899	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	312,950	320,181	300,354	301,781	
11 Pembuatan minuman <i>Manufacture of beverages</i>	16,805	17,239	16,770	16,865	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	1,259	1,278	1,448	1,254	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	85,961	85,907	85,096	85,266	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	28,303	28,598	28,115	28,376	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	44,781	44,142	43,969	44,071	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	12,878	13,167	13,011	12,818	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	306,775	309,580	301,925	299,830	
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	92,962	92,665	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	59,265	59,633	59,308	57,626	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	71,281	71,820	70,319	68,955	
31 Pembuatan perabot <i>Manufacture of furniture</i>	81,979	83,470	79,337	80,585	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	431,568	434,208	434,110	426,332	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	18,473	18,556	18,486	18,149	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	103,545	104,422	107,580	104,293	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	27,967	28,795	26,901	27,916	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	281,583	282,435	281,143	275,974	
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	379,977	376,792	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	109,233	109,391	105,623	107,408	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	112,157	113,171	112,586	111,152	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	165,423	169,179	161,768	158,233	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	615,687	621,015	615,782	622,533	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	419,283	422,727	414,042	421,479	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	102,410	102,993	104,635	102,547	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	93,994	95,294	97,105	98,507	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	216,739	217,716	215,807	214,921	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	87,614	87,794	87,037	87,085	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	44,306	44,978	44,253	43,751	
32 Pembuatan lain <i>Other manufacturing</i>	40,976	41,005	40,934	40,492	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	43,843	43,938	43,583	43,593	
Pembuatan Manufacturing	Jumlah Total	2,374,557	2,398,863	2,351,269	2,345,574

2024				2024		2025	
Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)
330,045	331,015	332,701	332,754	338,126	338,698	333,253	340,481
312,172	312,950	314,241	314,166	319,899	320,181	314,888	321,643
16,602	16,805	17,129	17,336	16,952	17,239	17,045	17,505
1,271	1,259	1,331	1,251	1,274	1,278	1,320	1,333
84,763	85,961	86,686	86,589	86,253	85,907	86,300	87,082
28,596	28,303	28,324	28,640	28,798	28,598	27,993	28,133
43,253	44,781	45,474	45,090	44,314	44,142	45,287	45,657
12,914	12,878	12,889	12,859	13,141	13,167	13,021	13,293
302,192	306,775	303,654	303,328	304,911	309,580	304,734	307,406
93,276	94,250	92,030	93,920	93,758	94,657	93,238	93,923
58,587	59,265	59,848	58,041	58,867	59,633	59,910	60,260
68,928	71,281	68,381	68,032	69,023	71,820	68,558	69,056
81,400	81,979	83,395	83,335	83,263	83,470	83,028	84,166
431,355	431,568	430,792	428,010	433,125	434,208	430,174	432,411
18,199	18,473	18,821	18,324	18,286	18,556	18,511	18,857
102,458	103,545	105,483	104,631	102,858	104,422	104,451	105,439
29,297	27,967	27,334	28,060	29,377	28,795	27,303	27,956
281,401	281,583	279,154	276,996	282,604	282,435	279,909	280,159
384,546	386,812	386,423	385,434	391,483	391,740	385,020	391,636
109,570	109,233	105,786	107,467	109,851	109,391	105,855	108,462
111,898	112,157	113,159	112,183	113,100	113,171	112,816	113,743
163,078	165,423	167,479	165,784	168,532	169,179	166,349	169,431
623,413	615,687	607,755	616,932	619,540	621,015	608,381	615,496
423,425	419,283	409,864	418,676	420,852	422,727	410,364	414,718
104,452	102,410	102,916	102,041	102,940	102,993	102,040	103,565
95,536	93,994	94,976	96,215	95,747	95,294	95,978	97,213
216,437	216,739	215,332	216,548	217,667	217,716	217,138	219,152
87,567	87,614	84,973	87,225	87,758	87,794	87,310	87,497
44,053	44,306	44,601	44,594	44,931	44,978	44,592	45,029
41,202	40,976	41,328	40,972	41,277	41,005	40,981	41,623
43,616	43,843	44,429	43,757	43,700	43,938	44,254	45,003
2,372,752	2,374,557	2,363,344	2,369,595	2,391,104	2,398,863	2,365,000	2,393,664

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

Subsektor Sub-sector	2024				
	Jan.	Feb.	Mac.	Apr.	
1. Makanan, minuman dan tembakau Food, beverages and tobacco	334,249	333,253	332,701	334,073	
10 Pembuatan produk makanan Manufacture of food products	315,935	314,888	314,241	315,542	
11 Pembuatan minuman Manufacture of beverages	17,041	17,045	17,129	17,275	
12 Pembuatan produk tembakau Manufacture of tobacco products	1,272	1,320	1,331	1,256	
2. Tekstil, pakaian, kulit dan kasut Textiles, wearing apparel, leather and footwear	86,619	86,300	86,686	86,617	
13 Pembuatan tekstil Manufacture of textiles	28,464	27,993	28,324	28,453	
14 Pembuatan pakaian Manufacture of wearing apparel	45,202	45,287	45,474	45,314	
15 Pembuatan produk kulit dan barangan berkaitan Manufacture of leather and related products	12,953	13,021	12,889	12,850	
3. Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	304,136	304,734	303,654	304,902	
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	
17 Pembuatan kertas dan produk kertas Manufacture of paper and paper products	59,457	59,910	59,848	59,082	
18 Percetakan dan penerbitan semula media rakaman Printing and reproduction of recorded media	68,570	68,558	68,381	67,899	
31 Pembuatan perabot Manufacture of furniture	82,638	83,028	83,395	85,027	
4. Petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic	430,409	430,174	430,792	432,975	
19 Pembuatan kok dan produk petroleum bertapis Manufacture of coke and refined petroleum products	18,245	18,511	18,821	18,538	
20 Pembuatan kimia dan produk kimia Manufacture of chemicals and chemical products	103,959	104,451	105,483	105,321	
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	
22 Pembuatan produk getah dan plastik Manufacture of rubber and plastics products	280,900	279,909	279,154	280,594	
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	
23 Pembuatan produk galian bukan logam lain Manufacture of other non-metalic mineral products	107,161	105,855	105,786	106,568	
24 Pembuatan logam asas Manufacture of basic metals	113,533	112,816	113,159	112,910	
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	
6. Produk elektrik dan elektronik Electrical and electronic products	612,053	608,381	607,755	609,925	
26 Pembuatan komputer, produk elektronik dan optikal Manufacture of computer, electronics and optical products	414,252	410,364	409,864	412,304	
27 Pembuatan kelengkapan elektrik Manufacture of electrical equipment	103,051	102,040	102,916	102,560	
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	
7. Kelengkapan pengangkutan dan pembuatan lain Transport equipment and other manufactures	218,037	217,138	215,332	218,043	
29 Pembuatan kenderaan bermotor, treler dan semi treler Manufacture of motor vehicles, trailers and semi-trailers	88,016	87,310	84,973	88,425	
30 Pembuatan kelengkapan pengangkutan lain Manufacture of other transport equipment	44,728	44,592	44,601	44,452	
32 Pembuatan lain Other manufacturing	40,834	40,981	41,328	41,017	
33 Pembaikan dan pemasangan jentera dan kelengkapan Repair and installation of machinery and equipment	44,459	44,254	44,429	44,148	
Pembuatan Manufacturing	Jumlah Total	2,372,913	2,365,000	2,363,344	2,372,596

2025									
Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
334,617	332,754	335,027	336,264	338,126	338,329	338,432	338,698	341,009	340,481
316,083	314,166	316,507	318,162	319,899	319,968	320,123	320,181	322,254	321,643
17,289	17,336	17,274	16,922	16,952	17,086	17,043	17,239	17,468	17,505
1,245	1,251	1,245	1,179	1,274	1,275	1,265	1,278	1,287	1,333
87,340	86,589	86,065	85,317	86,253	85,480	85,726	85,907	87,311	87,082
28,899	28,640	28,547	28,734	28,798	28,660	28,619	28,598	28,663	28,133
45,504	45,090	44,693	43,718	44,314	43,599	43,860	44,142	45,487	45,657
12,936	12,859	12,825	12,865	13,141	13,221	13,247	13,167	13,161	13,293
305,392	303,328	302,367	304,013	304,911	309,032	310,117	309,580	305,979	307,406
94,455	93,920	93,974	93,279	93,758	94,318	95,447	94,657	93,720	93,923
58,102	58,041	57,797	58,093	58,867	59,728	59,564	59,633	59,654	60,260
68,016	68,032	68,063	69,364	69,023	70,855	71,857	71,820	68,958	69,056
84,819	83,335	82,533	83,277	83,263	84,130	83,248	83,470	83,647	84,166
432,442	428,010	431,584	433,640	433,125	434,916	435,661	434,208	432,598	432,411
18,340	18,324	18,405	18,459	18,286	18,537	18,614	18,556	18,603	18,857
105,043	104,631	103,731	104,234	102,858	103,939	104,307	104,422	104,500	105,439
28,114	28,060	28,554	29,409	29,377	29,526	28,793	28,795	28,111	27,956
280,946	276,996	280,894	281,538	282,604	282,913	283,946	282,435	281,384	280,159
386,414	385,434	386,640	390,348	391,483	390,751	389,323	391,740	393,449	391,636
107,172	107,467	108,192	109,211	109,851	109,884	109,826	109,391	109,561	108,462
112,702	112,183	112,176	111,893	113,100	113,072	112,928	113,171	114,143	113,743
166,541	165,784	166,273	169,244	168,532	167,795	166,569	169,179	169,745	169,431
613,847	616,932	608,374	610,008	619,540	623,069	624,674	621,015	615,864	615,496
416,510	418,676	408,852	409,999	420,852	422,801	425,277	422,727	416,559	414,718
102,908	102,041	103,128	103,844	102,940	104,362	103,182	102,993	103,595	103,565
94,429	96,215	96,394	96,165	95,747	95,906	96,215	95,294	95,709	97,213
217,662	216,548	219,396	218,474	217,667	218,496	217,907	217,716	218,774	219,152
87,703	87,225	88,128	88,197	87,758	88,590	87,996	87,794	87,663	87,497
44,655	44,594	45,332	44,388	44,931	44,421	44,701	44,978	45,277	45,029
41,131	40,972	41,704	41,324	41,277	41,483	41,513	41,005	41,062	41,623
44,174	43,757	44,231	44,565	43,700	44,001	43,697	43,938	44,773	45,003
2,377,714	2,369,595	2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863	2,394,984	2,393,664

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	2023				2024	
			Q1	Q2	Q3	Q4	Q1	Q2
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	5.9	2.3	5.3	5.5	7.4	5.9	4.4	4.0
10 Pembuatan produk makanan <i>Manufacture of food products</i>	6.1	2.3	5.4	5.5	7.7	6.1	4.6	4.1
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.6	2.6	2.9	3.8	2.8	2.6	2.1	2.8
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	2.2	1.5	2.4	7.1	6.1	2.2	-8.0	-0.2
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2.3	-0.1	2.4	3.2	3.0	2.3	1.9	1.6
13 Pembuatan tekstil <i>Manufacture of textiles</i>	1.5	1.0	1.9	2.6	2.5	1.5	0.7	0.9
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	2.7	-1.4	1.9	3.2	3.2	2.7	3.4	2.3
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	2.5	2.2	4.9	4.5	3.6	2.5	-0.9	0.3
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.2	0.9	2.3	1.8	2.3	2.2	0.6	1.2
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	0.2	0.4	1.7	0.4	0.1	0.2	-1.0	1.4
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.0	0.6	4.1	1.8	1.7	1.0	0.9	0.7
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	1.7	0.8	3.9	4.6	5.3	1.7	-2.8	-1.3
31 Pembuatan perabot <i>Manufacture of furniture</i>	6.1	1.8	0.5	1.0	3.0	6.1	5.1	3.4
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	0.1	0.6	1.3	-1.2	-0.4	0.1	-0.8	0.4
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	3.7	0.4	4.3	5.1	3.1	3.7	1.8	1.0
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	-1.3	0.8	2.2	1.5	0.1	-1.3	-1.9	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	8.5	-0.3	1.6	2.3	1.6	0.5
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	0.1	0.3	0.2	-2.7	-1.1	0.1	-0.7	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>	2.3	1.3	0.9	1.3	2.6	2.3	1.7	2.3
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	1.8	0.1	0.4	1.1	2.2	1.8	0.2	0.1
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.6	0.9	0.3	0.7	0.8	0.6	0.5	0.9
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	3.9	2.3	1.7	1.8	4.1	3.9	3.5	4.8
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-0.1	0.9	4.2	3.4	2.0	-0.1	-1.3	-0.9
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	0.8	0.8	5.0	4.4	2.9	0.8	-1.0	-0.7
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-1.1	0.6	1.8	0.4	0.2	-1.1	-1.6	-0.5
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-2.4	1.4	3.8	2.3	-0.1	-2.4	-2.2	-2.3
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	1.6	0.5	2.4	1.6	1.8	1.6	-0.2	0.8
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	0.9	0.2	2.4	1.5	1.4	0.9	-2.4	0.2
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.0	1.5	2.1	1.8	0.7	2.0	0.8	1.9
32 Pembuatan lain <i>Other manufacturing</i>	0.5	0.1	3.6	1.8	1.2	0.5	1.0	1.2
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	3.6	0.2	1.7	1.3	4.2	3.6	1.9	0.4
Pembuatan <i>Manufacturing</i>	Jumlah <i>Total</i>	1.7	1.0	2.8	2.1	2.4	1.7	1.0

(%)

		2024	2025	2024												2025	
Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
2.4	2.3	4.3	2.2	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
2.5	2.3	4.5	2.1	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
2.1	2.6	2.0	2.7	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
0.3	1.5	-8.5	1.0	-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
1.8	-0.1	1.7	0.9	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	1.0	0.5	0.5	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
2.5	-1.4	3.2	0.8	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
1.8	2.2	-0.7	2.1	0.7	-0.7	-0.9	0.3	0.2	0.3	1.0	1.6	1.8	1.1	2.0	2.2	1.6	2.1
0.9	0.9	0.4	0.9	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	0.4	-2.1	0.7	-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	0.6	0.8	0.6	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
0.1	0.8	-1.9	0.7	-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
2.3	1.8	5.0	1.4	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
0.4	0.6	-0.3	0.5	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
0.5	0.4	2.9	1.9	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
0.4	0.8	-1.4	0.9	-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
0.3	3.0	1.4	2.4	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
0.4	0.3	-0.3	0.1	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
1.8	1.3	1.4	1.7	1.8	1.4	1.7	2.3	1.9	2.3	2.3	2.3	1.8	1.5	1.3	1.3	1.6	1.7
0.3	0.1	0.1	2.5	-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
1.1	0.9	0.3	0.8	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
3.3	2.3	3.1	1.9	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
-0.6	0.9	-1.1	1.2	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
-0.6	0.8	-0.7	1.1	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	0.6	-1.8	1.5	-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	1.4	-2.1	1.3	-2.3	-2.1	-2.2	-2.4	-2.5	-2.3	0.4	0.1	0.2	0.6	0.8	1.4	1.0	1.3
0.6	0.5	0.6	0.9	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
0.2	0.2	0.3	0.2	1.2	0.3	-2.4	1.7	0.3	0.2	0.3	0.8	0.2	0.9	0.5	0.2	-0.4	0.2
2.0	1.5	0.6	1.0	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
0.2	0.1	0.2	1.6	-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
0.2	0.2	1.8	1.7	2.3	1.8	1.9	1.1	0.3	0.4	0.2	1.1	0.2	0.4	0.2	0.2	0.7	1.7
0.8	1.0	0.6	1.2	1.3	0.6	0.5	1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2

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	2023				2024				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	1.9	0.4	3.2	0.3	0.5	0.02	1.6	0.2	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	1.9	0.5	3.4	0.2	0.4	-0.02	1.8	0.1	
11 Pembuatan minuman <i>Manufacture of beverages</i>	2.4	0.6	-1.6	1.2	1.9	1.2	-2.2	1.7	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	17.5	-13.4	1.4	-0.9	5.7	-6.0	1.8	0.3	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	1.3	0.2	-0.6	1.4	0.8	-0.1	-0.4	-0.4	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	0.9	0.9	0.8	-1.0	0.1	1.1	0.5	-0.7	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	0.9	0.2	-1.9	3.5	1.5	-0.8	-1.7	-0.4	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	3.6	-1.5	0.7	-0.3	0.1	-0.2	2.2	0.2	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.6	-0.7	0.8	1.5	-1.0	-0.1	0.5	1.5	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	-1.2	-0.3	0.7	1.0	-2.4	2.1	-0.2	1.0	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.1	-2.8	1.7	1.2	1.0	-3.0	1.4	1.3	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	0.3	-1.9	-0.04	3.4	-4.1	-0.5	1.5	4.1	
31 Pembuatan perabot <i>Manufacture of furniture</i>	2.6	1.6	1.0	0.7	1.7	-0.1	-0.1	0.2	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	0.6	-1.8	1.2	0.05	-0.2	-0.6	1.2	0.3	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	3.8	-1.8	0.3	1.5	1.9	-2.6	-0.2	1.5	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	2.6	-3.1	-1.8	1.1	1.9	-0.8	-1.7	1.5	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	-1.6	3.8	4.9	-4.5	-2.3	2.7	4.7	-2.0	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-0.1	-1.8	2.0	0.1	-0.9	-0.8	2.0	-0.1	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.5	-0.8	2.1	0.6	-0.1	-0.3	1.6	0.1	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	-1.6	1.7	2.0	-0.3	-3.2	1.6	2.2	-0.4	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	0.9	-1.3	0.7	0.2	0.9	-0.9	0.8	0.1	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	1.6	-2.2	3.1	1.4	1.2	-1.0	1.7	0.4	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	-0.03	1.1	0.1	-1.2	-1.3	1.5	0.4	0.2	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-0.5	1.8	0.5	-1.0	-2.2	2.1	0.5	0.4	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	1.0	-2.0	1.9	-2.0	0.5	-0.8	0.9	0.1	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	0.8	1.4	-3.0	-1.6	1.0	1.3	-0.5	-0.5	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	1.1	-0.4	0.7	0.1	-0.6	0.6	0.5	0.02	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	0.2	0.1	0.6	0.1	-3.0	2.6	0.6	0.04	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	1.9	-1.1	0.7	0.6	0.7	-0.02	0.8	0.1	
32 Pembuatan lain <i>Other manufacturing</i>	0.4	-1.1	1.8	-0.5	0.9	-0.9	0.7	-0.7	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	3.0	0.02	0.1	0.5	1.3	-1.5	-0.1	0.5	
Pembuatan Manufacturing	Jumlah Total	0.7	-0.2	1.2	0.1	-0.5	0.3	0.9	0.3

2024												2025	
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
1.0	-0.3	-0.2	0.4	0.2	-0.6	0.7	0.4	0.6	0.1	0.03	0.1	0.7	-0.2
1.0	-0.3	-0.2	0.4	0.2	-0.6	0.7	0.5	0.5	0.02	0.05	0.02	0.6	-0.2
1.4	0.02	0.5	0.9	0.1	0.3	-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2
1.0	3.7	0.9	-5.7	-0.8	0.5	-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6
0.8	-0.4	0.4	-0.1	0.8	-0.9	-0.6	-0.9	1.1	-0.9	0.3	0.2	1.6	-0.3
0.6	-1.7	1.2	0.5	1.6	-0.9	-0.3	0.7	0.2	-0.5	-0.1	-0.1	0.2	-1.8
0.9	0.2	0.4	-0.4	0.4	-0.9	-0.9	-2.2	1.4	-1.6	0.6	0.6	3.0	0.4
0.6	0.5	-1.0	-0.3	0.7	-0.6	-0.3	0.3	2.1	0.6	0.2	-0.6	-0.04	1.0
-0.9	0.2	-0.4	0.4	0.2	-0.7	-0.3	0.5	0.3	1.4	0.4	-0.2	-1.2	0.5
-0.8	-0.3	-1.3	0.9	1.7	-0.6	0.1	-0.7	0.5	0.6	1.2	-0.8	-1.0	0.2
0.3	0.8	-0.1	-1.3	-1.7	-0.1	-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0
-3.8	-0.02	-0.3	-0.7	0.2	0.02	0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1
0.8	0.5	0.4	2.0	-0.2	-1.8	-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6
-0.3	-0.1	0.1	0.5	-0.1	-1.0	0.8	0.5	-0.1	0.4	0.2	-0.3	-0.4	-0.04
-1.2	1.5	1.7	-1.5	-1.1	-0.1	0.4	0.3	-0.9	1.4	0.4	-0.3	0.3	1.4
0.4	0.5	1.0	-0.2	-0.3	-0.4	-0.9	0.5	-1.3	1.1	0.4	0.1	0.1	0.9
-2.4	-0.01	0.1	4.3	-1.4	-0.2	1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6
-0.2	-0.4	-0.3	0.5	0.1	-1.4	1.4	0.2	0.4	0.1	0.4	-0.5	-0.4	-0.4
0.2	-0.6	0.4	-0.1	0.1	-0.3	0.3	1.0	0.3	-0.2	-0.4	0.6	0.4	-0.5
-1.9	-1.2	-0.1	0.7	0.6	0.3	0.7	0.9	0.6	0.03	-0.1	-0.4	0.2	-1.0
1.2	-0.6	0.3	-0.2	-0.2	-0.5	-0.01	-0.3	1.1	-0.03	-0.1	0.2	0.9	-0.3
0.8	-0.2	0.7	-0.5	-0.03	-0.5	0.3	1.8	-0.4	-0.4	-0.7	1.6	0.3	-0.2
-0.6	-0.6	-0.1	0.4	0.6	0.5	-1.4	0.3	1.6	0.6	0.3	-0.6	-0.8	-0.1
-1.2	-0.9	-0.1	0.6	1.0	0.5	-2.3	0.3	2.6	0.5	0.6	-0.6	-1.5	-0.4
0.6	-1.0	0.9	-0.3	0.3	-0.8	1.1	0.7	-0.9	1.4	-1.1	-0.2	0.6	-0.03
0.8	1.3	-1.0	0.1	-0.7	1.9	0.2	-0.2	-0.4	0.2	0.3	-1.0	0.4	1.6
0.6	-0.4	-0.8	1.3	-0.2	-0.5	1.3	-0.4	-0.4	0.4	-0.3	-0.1	0.5	0.2
0.5	-0.8	-2.7	4.1	-0.8	-0.5	1.0	0.1	-0.5	0.9	-0.7	-0.2	-0.1	-0.2
1.0	-0.3	0.02	-0.3	0.5	-0.1	1.7	-2.1	1.2	-1.1	0.6	0.6	0.7	-0.5
-0.3	0.4	0.8	-0.8	0.3	-0.4	1.8	-0.9	-0.1	0.5	0.1	-1.2	0.1	1.4
1.4	-0.5	0.4	-0.6	0.1	-0.9	1.1	0.8	-1.9	0.7	-0.7	0.6	1.9	0.5
-0.1	-0.3	-0.1	0.4	0.2	-0.3	-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1

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	2023				2024				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	11,901	12,323	2,912	2,909	2,965	3,115	3,042	3,019	3,066	3,197	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	11,261	11,643	2,753	2,755	2,810	2,943	2,874	2,855	2,901	3,013	
11 Pembuatan minuman <i>Manufacture of beverages</i>	573	615	141	139	139	154	151	149	149	166	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	66	66	18	16	15	18	17	15	16	18	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	2,013	2,047	503	496	492	521	515	506	501	525	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	706	720	172	176	178	180	176	180	181	183	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	964	974	245	236	231	252	251	240	233	250	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	343	354	86	85	83	88	88	86	87	93	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	9,927	10,169	2,502	2,441	2,448	2,536	2,565	2,514	2,508	2,582	
16 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	2,710	2,795	678	662	677	693	694	689	701	711	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2,148	2,162	548	523	527	550	554	526	529	553	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	2,382	2,497	594	600	584	605	623	636	613	626	
31 Pembuatan perabot <i>Manufacture of furniture</i>	2,687	2,716	683	655	660	689	694	664	665	693	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	21,375	21,485	5,355	5,286	5,327	5,407	5,345	5,261	5,369	5,510	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	2,502	2,526	677	570	592	664	682	571	597	675	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	5,931	5,843	1,551	1,458	1,448	1,473	1,501	1,412	1,440	1,490	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	804	811	188	197	204	215	191	198	204	218	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	12,139	12,305	2,939	3,061	3,083	3,055	2,971	3,080	3,127	3,127	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	14,916	15,604	3,765	3,664	3,652	3,835	3,947	3,873	3,835	3,949	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	4,721	4,881	1,144	1,161	1,183	1,233	1,201	1,211	1,212	1,256	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	4,262	4,381	1,128	1,058	1,011	1,065	1,144	1,089	1,054	1,094	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	5,933	6,342	1,494	1,445	1,458	1,537	1,602	1,572	1,569	1,600	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	30,130	29,950	7,618	7,483	7,334	7,695	7,520	7,395	7,298	7,737	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	21,732	21,586	5,463	5,447	5,247	5,574	5,415	5,367	5,214	5,590	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	3,948	3,946	1,007	956	1,003	983	975	975	1,007	990	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	4,451	4,418	1,148	1,080	1,084	1,139	1,130	1,053	1,077	1,158	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	7,528	7,689	1,862	1,886	1,850	1,930	1,889	1,932	1,897	1,971	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	3,625	3,683	878	913	898	936	891	932	915	946	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	1,171	1,232	296	294	285	295	307	309	302	313	
32 Pembuatan lain <i>Other manufacturing</i>	1,325	1,354	328	324	328	345	329	333	338	354	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	1,407	1,420	359	355	338	355	362	359	342	357	
Pembuatan Manufacturing	Jumlah Total	97,789	99,268	24,517	24,165	24,068	25,039	24,823	24,500	24,474	25,470

(RM Juta/Million)																
2024	2025	2024													2025	
(Jan. - Feb.)	(Jan. - Feb.)	Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
2,048	2,116	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	
1,936	1,995	989	947	938	950	956	949	962	960	979	977	980	1,055	1,013	982	
101	110	51	50	50	51	49	49	49	49	51	52	55	59	56	54	
11	11	6	6	6	5	5	5	5	5	5	6	5	7	6	6	
345	352	177	168	170	170	171	166	166	165	170	169	174	183	179	173	
117	120	60	57	59	59	61	60	60	60	61	60	61	62	61	58	
169	170	87	82	82	82	81	77	78	76	79	78	82	89	86	83	
59	62	30	29	29	29	29	29	28	29	30	30	31	32	31	31	
1,715	1,743	859	857	850	837	845	832	836	834	837	845	851	885	871	872	
465	477	234	231	230	231	231	227	235	232	234	235	236	240	239	238	
371	372	184	186	183	176	174	175	174	175	179	183	181	188	185	187	
414	424	204	210	209	209	214	213	210	206	197	200	207	219	209	216	
466	470	237	229	228	221	226	217	217	220	227	227	227	239	238	232	
3,535	3,593	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	
432	439	216	216	250	188	185	198	194	195	208	219	212	244	219	219	
990	1,004	493	497	510	490	456	467	475	486	479	482	484	523	498	507	
128	129	66	62	63	68	65	65	67	69	68	70	68	79	67	62	
1,984	2,020	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	
2,640	2,715	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	
799	819	406	393	402	403	405	403	403	402	407	412	417	427	415	404	
769	778	391	377	376	371	363	355	350	348	357	350	352	392	394	384	
1,072	1,118	540	532	530	520	530	522	518	524	527	524	520	555	563	555	
5,050	5,077	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	
3,631	3,640	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	
654	661	330	323	321	303	334	337	339	336	331	328	317	344	334	327	
766	776	386	380	365	356	349	347	355	356	366	375	375	408	389	386	
1,259	1,293	627	633	629	646	649	638	631	633	634	641	642	689	641	651	
600	605	298	302	290	309	313	310	303	307	305	308	304	334	299	305	
201	213	100	101	107	103	105	102	102	99	102	104	104	106	107	107	
217	232	108	109	111	111	112	110	112	113	113	114	115	125	115	117	
241	243	120	121	121	123	120	116	114	114	114	115	119	124	120	122	
16,593	16,889	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	

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	2023				2024		
			Q1	Q2	Q3	Q4	Q1	Q2	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>	7.9	3.6	7.8	6.9	8.3	8.6	4.5	3.8	
10 Pembuatan produk makanan <i>Manufacture of food products</i>	7.9	3.4	7.8	6.9	8.3	8.8	4.4	3.6	
11 Pembuatan minuman <i>Manufacture of beverages</i>	7.7	7.3	6.9	8.3	8.5	7.2	6.7	7.2	
12 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	4.8	-0.6	4.5	8.5	5.2	1.7	-3.5	-1.4	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>	5.4	1.7	4.9	7.4	5.8	3.8	2.4	2.0	
13 Pembuatan tekstil <i>Manufacture of textiles</i>	5.0	1.9	3.5	6.9	6.0	3.5	2.3	2.4	
14 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	5.6	1.0	5.7	8.0	5.5	3.5	2.8	1.6	
15 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	6.0	3.3	5.4	6.9	6.2	5.5	1.6	2.1	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.7	2.4	4.3	4.4	5.2	4.8	2.5	3.0	
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>	4.9	3.1	4.2	4.5	5.5	5.3	2.5	4.0	
17 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	2.3	0.6	4.7	1.4	1.3	1.6	1.1	0.4	
18 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	6.3	4.8	4.8	7.3	7.8	5.2	4.9	5.9	
31 Pembuatan perabot <i>Manufacture of furniture</i>	5.1	1.1	3.8	4.2	6.1	6.4	1.7	1.4	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	1.9	0.5	5.4	1.2	0.01	1.3	-0.2	-0.5	
19 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	5.9	0.9	7.7	7.1	2.6	6.1	0.8	0.2	
20 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1.7	-1.5	4.5	2.5	0.2	-0.4	-3.2	-3.1	
21 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	1.9	0.9	4.6	0.7	0.9	1.9	1.4	0.6	
22 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	1.3	1.4	5.5	-0.5	-0.6	1.1	1.1	0.6	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.5	4.6	3.1	3.1	3.7	4.0	4.8	5.7	
23 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	2.5	3.4	1.9	1.3	2.7	3.9	5.0	4.4	
24 Pembuatan logam asas <i>Manufacture of basic metals</i>	1.9	2.8	3.2	2.8	1.4	0.4	1.5	3.0	
25 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	5.5	6.9	4.1	4.9	6.2	6.8	7.2	8.8	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>	2.3	-0.6	3.2	4.0	1.8	0.5	-1.3	-1.2	
26 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	3.1	-0.7	3.7	5.0	2.3	1.4	-0.9	-1.5	
27 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	0.2	-0.04	1.4	1.7	0.7	-2.7	-3.1	2.0	
28 Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	0.6	-0.7	2.3	0.9	0.2	-0.9	-1.5	-2.5	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>	3.3	2.1	2.3	3.5	3.9	3.5	1.4	2.4	
29 Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	2.8	1.6	0.7	2.7	4.3	3.5	1.4	2.0	
30 Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	2.5	5.2	2.4	1.7	1.4	4.6	3.7	5.2	
32 Pembuatan lain <i>Other manufacturing</i>	1.9	2.2	1.0	3.0	0.6	2.9	0.1	2.8	
33 Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	6.7	0.9	7.5	7.4	8.5	3.6	0.9	0.9	
Pembuatan	Jumlah Total	3.5	1.5	4.3	3.6	3.0	2.9	1.2	1.4

(%)

		2024	2025	2024												2025	
Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	Jan.	Feb.	Mac.	Apr.	Mei.	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
3.4	2.6	5.0	3.3	6.9	3.1	3.3	4.4	3.7	3.2	3.9	3.7	2.6	2.2	2.7	3.0	2.8	3.9
3.2	2.4	5.0	3.1	6.9	3.0	3.2	4.3	3.6	3.0	3.7	3.5	2.5	2.0	2.4	2.7	2.5	3.7
7.4	7.9	6.5	8.7	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
2.2	0.7	-3.4	0.6	-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
1.7	0.8	2.4	1.8	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
1.6	1.5	2.3	2.0	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
0.9	-1.1	2.6	0.5	2.2	3.0	3.4	2.0	1.6	1.2	1.5	0.5	0.6	0.3	-2.1	-1.4	-1.0	2.0
4.3	4.9	2.0	5.3	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
2.5	1.8	2.4	1.6	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
3.5	2.5	2.5	2.7	3.5	1.5	2.5	4.0	3.8	4.1	4.8	2.8	2.9	2.3	2.4	2.9	2.3	3.0
0.5	0.5	1.3	0.4	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
5.0	3.5	4.4	2.5	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
0.7	0.6	1.6	0.9	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	1.9	0.3	1.6	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
0.9	1.8	1.0	1.6	0.1	1.8	0.6	0.4	-1.1	1.2	1.9	0.5	0.2	1.1	2.6	1.7	1.8	1.5
-0.6	1.1	-2.9	1.4	-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
0.3	1.3	1.1	1.1	1.4	0.8	1.9	0.7	0.3	0.9	0.3	0.5	0.2	0.5	1.6	1.9	1.4	0.8
1.4	2.3	1.8	1.8	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
5.0	3.0	4.7	2.8	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
2.5	1.8	4.5	2.4	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
4.2	2.7	1.5	1.3	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
7.6	4.1	7.4	4.3	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
-0.5	0.5	-1.0	0.5	-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
-0.6	0.3	-0.3	0.3	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
0.4	0.7	-3.8	1.1	-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
-0.7	1.6	-1.5	1.3	-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
2.6	2.1	1.5	2.7	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
1.9	1.1	2.0	0.8	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
6.1	6.1	3.7	6.3	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
3.1	2.8	-1.0	6.6	-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
1.1	0.8	0.8	0.8	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
1.7	1.7	1.5	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

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		2023				2024				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1. Makanan, minuman dan tembakau <i>Food, beverages and tobacco</i>		1.6	-0.1	1.9	5.1	-2.3	-0.8	1.6	4.3	
10	Pembuatan produk makanan <i>Manufacture of food products</i>	1.7	0.1	2.0	4.7	-2.4	-0.7	1.6	3.9	
11	Pembuatan minuman <i>Manufacture of beverages</i>	-1.4	-1.9	0.2	10.5	-1.9	-1.4	0.4	11.1	
12	Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	0.9	-11.6	-2.6	17.1	-4.4	-9.6	0.9	15.4	
2. Tekstil, pakaian, kulit dan kasut <i>Textiles, wearing apparel, leather and footwear</i>		0.2	-1.4	-0.7	5.9	-1.1	-1.9	-1.0	4.9	
13	Pembuatan tekstil <i>Manufacture of textiles</i>	-1.3	2.1	1.3	1.4	-2.5	2.2	0.5	1.3	
14	Pembuatan pakaian <i>Manufacture of wearing apparel</i>	0.3	-3.6	-1.9	9.1	-0.3	-4.8	-2.6	7.0	
15	Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	3.2	-2.1	-1.6	6.2	-0.6	-1.7	0.6	6.8	
3. Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>		3.3	-2.4	0.3	3.6	1.1	-2.0	-0.3	2.9	
16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	2.9	-2.2	2.3	2.3	0.2	-0.8	1.8	1.3	
17	Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	1.3	-4.5	0.6	4.4	0.8	-5.1	0.7	4.4	
18	Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	3.4	1.1	-2.8	3.6	3.0	2.1	-3.6	2.1	
31	Pembuatan perabot <i>Manufacture of furniture</i>	5.5	-4.0	0.7	4.4	0.8	-4.3	0.1	4.2	
4. Petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>		0.3	-1.3	0.8	1.5	-1.1	-1.6	2.1	2.6	
19	Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	8.2	-15.8	4.0	12.0	2.8	-16.4	4.7	13.0	
20	Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	4.9	-6.0	-0.7	1.7	1.9	-5.9	1.9	3.5	
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	-10.7	4.6	3.5	5.4	-11.2	3.8	3.2	6.5	
22	Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	-2.8	4.2	0.7	-0.9	-2.8	3.7	1.5	-0.01	
5. Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>		2.1	-2.7	-0.3	5.0	2.9	-1.9	-1.0	3.0	
23	Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metalic mineral products</i>	-3.7	1.5	1.9	4.2	-2.6	0.8	0.1	3.6	
24	Pembuatan logam asas <i>Manufacture of basic metals</i>	6.3	-6.2	-4.4	5.3	7.4	-4.8	-3.3	3.8	
25	Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	3.8	-3.2	0.9	5.4	4.2	-1.9	-0.2	2.0	
6. Produk elektrik dan elektronik <i>Electrical and electronic products</i>		-0.5	-1.8	-2.0	4.9	-2.3	-1.7	-1.3	6.0	
26	Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	-0.6	-0.3	-3.7	6.2	-2.8	-0.9	-2.8	7.2	
27	Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	-0.4	-5.0	4.9	-2.0	-0.8	-0.01	3.3	-1.7	
28	Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	-0.1	-6.0	0.4	5.0	-0.8	-6.9	2.3	7.5	
7. Kelengkapan pengangkutan dan pembuatan lain <i>Transport equipment and other manufactures</i>		-0.1	1.3	-1.9	4.4	-2.2	2.3	-1.8	3.9	
29	Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	-2.9	4.0	-1.6	4.2	-4.8	4.6	-1.8	3.4	
30	Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	5.1	-0.9	-2.9	3.5	4.2	0.5	-2.1	3.5	
32	Pembuatan lain <i>Other manufacturing</i>	-2.0	-1.4	1.3	5.1	-4.7	1.2	1.6	4.9	
33	Pembaikan dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	4.8	-0.9	-4.8	4.8	2.1	-0.9	-4.7	4.5	
Pembuatan		Jumlah Total	0.8	-1.4	-0.4	4.0	-0.9	-1.3	-0.1	4.1

(%)

2024												2025	
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.
-4.0	-4.1	-0.9	1.2	0.3	-0.6	1.3	-0.2	2.2	-0.1	0.6	7.7	-4.1	-3.1
-3.8	-4.2	-0.9	1.3	0.6	-0.7	1.4	-0.2	2.0	-0.2	0.3	7.6	-4.0	-3.1
-5.2	-2.8	0.4	1.8	-4.4	1.3	-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6
-18.2	1.8	-1.6	-9.4	-1.6	3.9	-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6
-2.1	-5.0	0.9	-0.1	0.5	-3.0	0.3	-0.9	3.3	-0.6	2.7	5.3	-2.0	-3.6
-1.0	-4.8	2.2	0.9	3.1	-1.5	0.5	-0.6	1.3	-0.5	0.6	2.3	-1.0	-5.1
-3.2	-6.5	0.9	-0.8	-1.3	-4.6	0.9	-2.0	4.1	-1.1	4.7	8.4	-2.8	-3.6
-1.3	-0.8	-1.4	-0.2	0.3	-1.6	-1.4	1.8	5.5	0.5	1.6	2.7	-1.7	-0.5
-1.4	-0.2	-0.8	-1.5	1.0	-1.6	0.5	-0.2	0.3	0.9	0.8	4.0	-1.6	0.1
0.2	-1.1	-0.5	0.5	0.004	-1.7	3.6	-1.2	0.7	0.4	0.5	1.7	-0.4	-0.5
-1.7	1.0	-1.6	-4.1	-0.8	0.6	-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2
-4.3	3.1	-0.8	0.1	2.4	-0.4	-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3
0.002	-3.1	-0.5	-2.9	2.1	-4.2	0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9
-4.1	-1.2	3.1	-2.6	-1.5	1.2	0.7	1.6	-0.1	0.7	-0.1	4.5	-4.4	-1.1
-10.1	0.2	15.8	-24.8	-1.9	7.0	-1.9	0.8	6.6	5.2	-3.0	14.9	-10.0	0.0
-4.3	0.9	2.6	-3.9	-7.1	2.4	1.8	2.4	-1.6	0.7	0.5	8.1	-5.0	1.9
-15.1	-6.1	1.7	8.4	-5.3	0.9	2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6
-1.7	-2.2	0.6	3.0	1.6	-0.3	0.6	1.3	-0.6	-0.3	0.4	-0.02	-2.0	-2.5
-0.3	-2.6	0.3	-1.0	0.3	-1.5	-0.7	0.3	1.3	-0.2	0.1	6.6	-0.1	-2.1
-3.6	-3.3	2.3	0.3	0.6	-0.7	0.1	-0.2	1.2	1.3	1.0	2.4	-2.8	-2.7
2.8	-3.5	-0.5	-1.2	-2.1	-2.2	-1.6	-0.5	2.5	-1.8	0.4	11.4	0.6	-2.5
0.2	-1.4	-0.5	-1.7	1.9	-1.6	-0.7	1.2	0.5	-0.4	-0.8	6.8	1.4	-1.4
-7.6	-0.1	-2.1	-3.0	3.5	1.6	-3.4	-1.4	2.8	1.2	-0.1	10.3	-7.8	0.3
-9.2	0.6	-2.0	-2.7	3.5	2.1	-5.2	-1.9	3.6	1.4	0.5	10.9	-9.3	1.0
-2.7	-2.1	-0.6	-5.5	10.0	1.1	0.4	-0.8	-1.5	-1.0	-3.4	8.7	-3.2	-1.9
-3.5	-1.7	-3.9	-2.2	-2.0	-0.6	2.2	0.4	2.7	2.4	0.1	8.7	-4.5	-0.8
-7.4	0.9	-0.5	2.6	0.5	-1.6	-1.2	0.3	0.2	1.0	0.1	7.3	-6.8	1.5
-10.0	1.1	-3.8	6.4	1.2	-0.9	-2.3	1.4	-0.5	0.9	-1.4	9.8	-10.3	2.0
0.6	0.7	5.9	-3.8	1.8	-2.6	-0.2	-2.8	3.2	1.6	0.0	2.0	0.9	-0.1
-11.6	1.1	2.0	-0.3	0.5	-1.4	2.0	0.3	0.3	1.0	0.9	8.6	-8.0	1.4
-2.8	0.6	0.1	1.5	-2.4	-3.0	-1.9	0.2	-0.5	0.9	3.5	4.6	-3.0	1.8
-4.5	-1.3	-0.2	-1.4	1.0	0.1	-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8

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	2023			
				Q1	Q2	Q3	Q4
101	Pemprosesan dan pengawetan daging	9,315	9,950	2,269	2,393	2,327	2,326
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6,056	6,001	1,450	1,487	1,552	1,568
	10201 Pengetinan ikan, krustasea dan moluska						
	&						
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	5,670	5,575	1,357	1,392	1,458	1,463
	Industri lain	386	426	93	94	94	105
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	2,368	2,625	517	600	620	630
	10303 Pengetinan nanas						
	&						
	10304 Pembuatan jem, marmalad dan sajian jeli	564	637	113	145	150	156
	Industri lain	1,804	1,988	404	455	470	474
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	168,839	186,675	39,293	39,599	42,807	47,140
	10404 Pembuatan minyak sayuran mentah dan bertapis						
	&						
	10406 Pembuatan sebatian lemak masakan	20,650	21,020	4,976	5,227	5,286	5,162
	10405 Pembuatan minyak kelapa	1,231	1,653	315	271	307	338
	Industri lain	146,958	164,002	34,003	34,101	37,214	41,640
105	Pembuatan produk tenusu	12,107	11,884	3,056	3,180	2,933	2,938
	10502 Pembuatan susu pekat, tepung dan sejat	11,271	10,781	2,871	2,982	2,707	2,710
	Industri lain	836	1,104	184	199	226	227
106	Pembuatan produk bijian, kanji dan produk berkanji	11,151	12,383	2,757	2,802	2,767	2,824
	10611 Pengilangan beras	5,367	6,000	1,340	1,388	1,321	1,317
	10613 Pengilangan tepung	5,460	6,038	1,334	1,337	1,366	1,423
	Industri lain	324	345	83	77	79	84
107	Pembuatan produk makanan lain	63,250	71,016	14,981	15,669	15,954	16,646
	10711 Pembuatan biskut dan cookies	4,043	4,658	839	952	1,060	1,193
	10712 Pembuatan roti, kek dan produk bakeri lain	13,821	14,929	3,403	3,608	3,495	3,315
	10713 Pembuatan produk snek	3,309	4,201	698	797	859	955
	10721 Pembuatan gula	6,114	7,018	1,271	1,475	1,609	1,759
	10731 Pembuatan produk koko	3,612	5,556	903	869	887	953
	10732 Pembuatan coklat dan produk coklat						
	&						
	10733 Pembuatan konfeksi gula	13,784	14,718	3,441	3,448	3,365	3,531
	10793 Pembuatan sos dan bahan perasa	2,437	2,763	569	575	621	672
	10799 Pembuatan produk makanan lain t.t.t.l.	6,636	6,855	1,610	1,582	1,631	1,813
	Industri lain	9,493	10,319	2,247	2,364	2,427	2,455
108/ 10800	Pembuatan makanan haiwan tersedia	19,358	19,231	4,349	4,993	5,139	4,876
110	Pembuatan minuman ringan	13,055	14,226	3,204	3,131	3,284	3,436
	11041 Pembuatan minuman ringan	7,141	8,110	1,695	1,676	1,839	1,931
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1,400	1,449	334	345	372	349
	Industri lain	4,514	4,667	1,174	1,111	1,073	1,156
120/ 12000	Pembuatan produk tembakau	4,010	4,345	1,196	996	807	1,010
131	Pemintalan, penenunan dan penyiapan tekstil	5,716	5,874	1,481	1,486	1,383	1,365
	13110 Penyediaan dan pemintalan gentian tekstil						
	&						
	13120 Penenunan tekstil	4,266	4,251	1,147	1,138	1,012	968
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	1,413	1,592	324	338	362	389
	Industri lain	37	32	11	9	9	8
139	Pembuatan tekstil lain	5,688	6,377	1,415	1,380	1,387	1,506
	13910 Pembuatan fabrik dikait dan dikrusye	2,264	2,397	584	569	546	565
	Industri lain	3,424	3,980	831	811	841	941
141	Pembuatan pakaian, kecuali pakaian berbulu	9,388	9,634	2,410	2,263	2,276	2,439
	14102 Pembuatan pakaian	8,293	8,329	2,096	2,009	2,029	2,159
	Industri lain	1,095	1,305	314	254	247	280
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	485	542	123	111	115	136
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	1,997	2,190	508	439	466	584
152	Pembuatan kasut	879	843	215	210	215	240
	15201 Pembuatan kasut kulit						
	&						
	15203 Pembuatan kasut getah	578	579	138	135	143	163
	Industri lain	301	264	77	75	72	77
161/ 16100	Pengilangan dan pengetaman kayu	6,495	5,999	1,965	1,378	1,458	1,694

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
2,401	2,478	2,479	2,592	1,598	1,603	Processing and preserving of meat
1,496	1,498	1,492	1,515	1,004	1,041	Processing and preserving of fish, crustaceans and molluscs
1,391	1,392	1,385	1,406	934	963	Canning of fish, crustaceans and molluscs
105	106	106	109	71	78	Processing, curing and preserving of fish, crustacean and molluscs
640	664	659	662	426	436	Other industry
154	157	159	167	101	92	Processing and preserving of fruits and vegetable
486	507	499	496	325	345	Pineapple canning
39,213	43,322	49,828	54,312	27,634	31,557	Manufacture of jams, marmalades and table jellies
5,065	4,709	5,468	5,779	3,439	3,955	Other industry
369	371	440	473	247	310	Manufacture of vegetable and animal oils and fats
33,779	38,243	43,921	48,060	23,947	27,293	Manufacture of crude and refined vegetable oil
2,855	2,912	2,983	3,134	1,859	2,034	Manufacture of compound cooking fats
2,621	2,641	2,678	2,841	1,701	1,839	Manufacture of coconut oil
234	272	305	293	158	195	Other industry
2,927	3,103	3,150	3,204	1,898	2,100	Manufacture of dairy products
1,382	1,527	1,557	1,532	874	998	Manufacture of condensed, powdered and evaporated milk
1,455	1,485	1,510	1,589	966	1,046	Other industry
89	91	83	83	58	56	Manufacture of grain mill products, starches and starch products
16,626	17,557	17,918	18,915	10,956	12,740	Rice milling
1,075	1,127	1,198	1,257	702	740	Flour milling
3,430	3,628	3,851	4,019	2,276	2,889	Other industry
988	1,091	1,050	1,072	639	662	Manufacture of other food products
1,626	1,731	1,778	1,883	1,074	1,183	Manufacture of biscuits and cookies
1,109	1,346	1,419	1,682	745	1,121	Manufacture of bread, cakes and other bakery products
3,540	3,720	3,633	3,826	2,291	2,640	Manufacture of snack products
666	706	668	722	444	449	Manufacture of sugar
1,680	1,609	1,717	1,848	1,132	1,286	Manufacture of cocoa products
2,513	2,598	2,603	2,604	1,655	1,769	Manufacture of chocolate and chocolate products
4,704	4,944	4,845	4,737	3,058	3,103	Manufacture of sugar confectionery
3,399	3,387	3,592	3,849	2,206	2,415	Manufacture of sauces and condiments
1,885	1,889	2,098	2,238	1,220	1,377	Manufacture of other food products n.e.c.
341	345	373	391	223	274	Other industry
1,174	1,153	1,120	1,219	763	764	Manufacture of prepared animal feeds
1,307	1,114	885	1,039	817	829	Manufacture of beverages
1,480	1,587	1,423	1,384	995	989	Manufacture of soft drinks
1,077	1,152	1,023	999	716	730	Production of natural mineral waters and other bottled waters
395	428	392	377	273	253	Other industry
9	7	8	8	6	6	Manufacture of tobacco products
1,637	1,577	1,558	1,605	1,093	1,035	Spinning, weaving and finishing of textiles
617	603	602	576	411	404	Preparation and spinning of textile fibres
1,020	974	957	1,029	682	631	Weaving of textiles
2,506	2,312	2,399	2,417	1,636	1,673	Dyeing, bleaching, printing and finishing of yarns and fabrics
2,186	1,999	2,069	2,075	1,428	1,447	Other industry
321	313	330	342	207	226	Manufacture of other textiles
149	127	131	134	98	96	Manufacture of knitted and crocheted fabrics
541	451	526	672	357	412	Other industry
230	209	196	207	156	139	Manufacture of wearing apparel, except fur apparel
156	138	137	149	105	100	Manufacture of clothings
74	72	60	59	51	39	Other industry
1,798	1,307	1,342	1,552	1,139	1,078	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 (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
101	Pemprosesan dan pengawetan daging	789	810	803	823	843	811
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	531	474	491	495	506	497
10201 &	Pengetinan ikan, krustasea dan moluska	495	439	458	463	470	459
10202	Pemprosesan dan pengawetan ikan, krustasea dan moluska Industri lain	36	35	34	32	37	37
103	Pemprosesan dan pengawetan buah-buahan dansayur - sayuran	221	206	214	218	226	220
10303 &	Pengetinan nanas	52	49	53	51	54	53
10304	Pembuatan jem, marmalad dan sajian jeli Industri lain	169	156	161	167	173	167
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	15,661	11,973	11,579	13,939	14,540	14,843
10404 &	Pembuatan minyak sayuran mentah dan bertapis	1,836	1,604	1,625	1,461	1,550	1,698
10406	Pembuatan sebatian lemak masakan	120	127	122	108	129	134
10405	Pembuatan minyak kelapa Industri lain	13,705	10,243	9,832	12,371	12,861	13,010
105	Pembuatan produk tenusu	927	932	995	979	998	936
10502	Pembuatan susu pekat, tepung dan sejat Industri lain	845	856	919	899	902	840
		82	76	76	80	96	96
106	Pembuatan produk bijian, kanji dan produk berkanji	981	917	1,029	1,013	1,058	1,032
10611	Pengilangan beras	450	424	509	502	526	500
10613	Pengilangan tepung Industri lain	501	465	490	480	502	502
		30	28	31	31	30	30
107	Pembuatan produk makanan lain	5,573	5,383	5,670	5,714	6,063	5,780
10711	Pembuatan biskut dan cookies	368	334	373	372	378	377
10712	Pembuatan roti, kek dan produk bakeri lain	1,173	1,103	1,155	1,203	1,236	1,189
10713	Pembuatan produk snek	339	300	349	349	384	359
10721	Pembuatan gula	535	539	552	554	611	566
10731	Pembuatan produk koko	370	375	364	386	491	469
10732	Pembuatan coklat dan produk coklat &	1,143	1,148	1,248	1,232	1,303	1,184
10733	Pembuatan konfeksi gula						
10793	Pembuatan sos dan bahan perasa	225	219	222	232	236	238
10799	Pembuatan produk makanan lain t.t.t.l. Industri lain	577	555	548	540	544	525
		843	812	858	845	880	872
108/10800	Pembuatan makanan haiwan tersedia	1,538	1,521	1,646	1,632	1,711	1,602
110	Pembuatan minuman ringan	1,115	1,091	1,193	1,196	1,113	1,077
11041	Pembuatan minuman ringan	628	592	665	680	606	602
11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan Industri lain	109	114	118	120	113	112
		379	384	411	396	393	364
120/12000	Pembuatan produk tembakau	410	407	490	399	411	305
131	Pemintalan, penenunan dan penyiapan tekstil	519	476	485	508	560	519
13110 &	Penyediaan dan pemintalan gentian tekstil	375	341	361	379	396	377
13120	Penenunan tekstil						
13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik Industri lain	141	132	121	126	162	139
		3	3	2	2	2	2
139	Pembuatan tekstil lain	552	542	544	519	527	531
13910	Pembuatan fabrik dikait dan dikrusye Industri lain	206	205	206	201	200	202
		345	337	338	318	327	329
141	Pembuatan pakaian, kecuali pakaian berbulu	850	785	870	795	789	728
14102	Pembuatan pakaian Industri lain	748	680	757	698	678	622
		102	105	113	97	110	106
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	49	49	51	45	43	39
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
152	Pembuatan kasut	82	74	74	71	69	69
15201 &	Pembuatan kasut kulit	56	49	51	46	45	47
15203	Pembuatan kasut getah Industri lain	26	25	23	25	24	22
161/16100	Pengilangan dan pengetaman kayu	606	534	658	547	417	342

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
808	824	847	870	902	820	882	721	Processing and preserving of meat
494	495	503	507	503	505	521	520	Processing and preserving of fish, crustaceans and molluscs
459	458	468	471	466	469	483	480	Canning of fish, crustaceans and molluscs
35	37	35	36	37	36	37	41	Processing, curing and preserving of fish, crustacean and molluscs
								Other industry
222	218	218	229	219	214	218	218	Processing and preserving of fruits and vegetable
53	51	55	58	57	52	47	44	Pineapple canning
169	167	163	171	162	162	171	174	Manufacture of jams, marmalades and table jellies
								Other industry
15,891	17,241	16,696	18,312	17,874	18,126	17,395	14,162	Manufacture of vegetable and animal oils and fats
1,716	1,843	1,908	1,928	1,854	1,997	2,116	1,839	Manufacture of crude and refined vegetable oil
								Manufacture of compound cooking fats
152	142	145	150	165	159	155	155	Manufacture of coconut oil
14,023	15,256	14,643	16,234	15,856	15,970	15,124	12,169	Other industry
950	1,034	999	1,003	1,096	1,036	1,027	1,006	Manufacture of dairy products
852	933	893	904	997	940	930	909	Manufacture of condensed, powdered and evaporated milk
98	101	106	99	98	95	98	98	Other industry
1,012	1,051	1,086	1,097	1,064	1,043	1,042	1,058	Manufacture of grain mill products, starches and starch products
502	517	539	529	501	502	491	507	Rice milling
483	507	520	541	535	512	522	523	Flour milling
28	28	27	27	28	28	29	27	Other industry
5,775	6,021	6,121	6,327	6,315	6,274	6,390	6,351	Manufacture of other food products
401	394	403	434	411	412	378	362	Manufacture of biscuits and cookies
1,221	1,304	1,327	1,320	1,331	1,368	1,454	1,435	Manufacture of bread, cakes and other bakery products
361	345	344	367	352	353	328	334	Manufacture of snack products
569	587	622	650	641	592	586	597	Manufacture of sugar
445	503	471	564	557	560	552	569	Manufacture of cocoa products
								Manufacture of chocolate and chocolate products
1,170	1,240	1,223	1,252	1,282	1,292	1,343	1,297	Manufacture of sugar confectionery
212	220	236	239	246	237	226	224	Manufacture of sauces and condiments
520	572	626	621	628	599	648	638	Manufacture of other food products n.e.c.
877	857	869	879	866	859	874	895	Other industry
1,645	1,641	1,560	1,572	1,640	1,525	1,579	1,524	Manufacture of prepared animal feeds
1,164	1,234	1,193	1,319	1,263	1,266	1,216	1,199	Manufacture of beverages
690	711	697	794	722	722	667	710	Manufacture of soft drinks
124	126	122	130	130	131	130	143	Production of natural mineral waters and other bottled waters
350	397	373	395	411	413	418	346	Other industry
308	304	274	360	343	336	417	412	Manufacture of tobacco products
505	506	412	447	462	475	518	471	Spinning, weaving and finishing of textiles
368	363	292	324	333	342	385	344	Preparation and spinning of textile fibres
								Weaving of textiles
134	140	118	119	127	131	130	123	Dyeing, bleaching, printing and finishing of yarns and fabrics
3	3	2	3	3	3	3	3	Other industry
525	526	508	518	542	545	523	512	Manufacture of other textiles
203	212	187	184	197	195	203	202	Manufacture of knitted and crocheted fabrics
321	314	321	334	345	350	320	311	Other industry
842	778	779	805	812	800	860	813	Manufacture of wearing apparel, except fur apparel
726	672	671	701	692	682	743	704	Manufacture of clothings
116	106	108	104	120	118	117	109	Other industry
44	44	44	46	47	41	47	48	Manufacture of articles of fur, knitted and crocheted apparel
151	177	198	218	234	221	214	198	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
66	67	63	65	71	71	69	70	Manufacture of footwear
45	48	44	46	52	51	50	50	Manufacture of leather footwear
21	20	19	19	20	20	19	20	Manufacture of rubber footwear
								Other industry
356	508	478	526	513	514	542	536	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	2023			
				Q1	Q2	Q3	Q4
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	18,113	18,986	5,538	3,598	3,895	5,082
16211	Pembuatan kepingan venier dan papan lapis	9,198	9,691	2,846	1,779	1,939	2,634
16212	Pembuatan papan partikel dan papan gentian	5,112	5,421	1,543	1,046	1,110	1,413
16221	Pertukangan kayu untuk jurubina	2,034	2,123	621	394	449	570
	Industri lain	1,769	1,752	527	380	396	465
170	Pembuatan kertas dan produk kertas	29,883	30,153	7,561	7,377	7,381	7,564
17010	Pembuatan pulpa, kertas dan kertas tebal	5,677	5,935	1,471	1,339	1,387	1,479
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	10,374	9,928	2,688	2,527	2,531	2,629
17091	Pembuatan sampul surat dan kad surat	375	367	102	95	90	88
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6,791	6,352	1,740	1,725	1,689	1,638
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	3,906	4,133	941	1,019	963	983
	Industri lain	2,760	3,437	618	672	722	748
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	14,526	15,504	3,812	3,452	3,457	3,804
18110	Percetakan	11,353	12,777	2,899	2,677	2,737	3,041
18120 &	Aktiviti perkhidmatan berkaitan percetakan	3,172	2,727	913	776	720	764
18200	Penerbitan semula media rakaman						
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	224,749	208,646	55,680	56,542	58,478	54,050
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	68,175	68,165	18,784	16,292	16,825	16,274
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	1,706	2,103	529	385	367	424
20112 &	Pembuatan kimia organik asas	34,217	35,316	9,870	7,970	8,360	8,018
20113	Pembuatan sebatian bukan organik						
20121 &	Pembuatan baja	4,778	3,504	1,417	1,241	1,108	1,013
20129	Pembuatan produk campuran nitrogen	22,266	21,812	5,553	5,399	5,713	5,600
20131	Pembuatan plastik dalam bentuk primer	5,208	5,430	1,415	1,298	1,276	1,220
	Industri lain						
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	44,200	47,093	10,849	10,495	11,343	11,514
20210	Pembuatan racun perosak dan produk agrokimia lain	5,078	4,650	1,246	1,209	1,327	1,295
20221	Pembuatan cat, varnis dan penyadur dan mastik	13,718	15,830	3,126	3,314	3,611	3,668
20222	Pembuatan dakwat cetak	1,107	1,190	293	281	276	257
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	15,295	15,406	3,845	3,646	3,965	3,838
20232	Pembuatan pewangi dan penyediaan dandanan diri						
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	8,240	9,305	2,128	1,885	1,992	2,235
20292 &	Pembuatan dakwat menulis dan melukis						
20299	Pembuatan produk kimia lain t.t.t.l.	762	711	210	161	171	221
	Industri lain						
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	10,708	11,312	2,702	2,629	2,714	2,663
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	8,789	9,124	2,218	2,186	2,206	2,180
	Industri lain	1,919	2,188	484	443	508	484
221	Pembuatan produk getah	59,737	64,337	14,721	16,387	14,416	14,213
22111	Pembuatan tayar getah untuk kenderaan	2,600	2,256	747	694	620	540
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	867	931	210	213	216	228
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	6,074	6,794	1,504	1,475	1,448	1,647
22193	Pengilangan semula getah dan prosesan susu getah						
22192	Pembuatan sarung tangan getah	44,199	47,905	10,824	12,555	10,591	10,229
22199	Pembuatan produk getah lain yang t.t.t.l.	5,997	6,451	1,436	1,449	1,541	1,570
222	Pembuatan produk plastik	61,440	64,780	14,170	15,832	15,778	15,660
22201 &	Pembuatan produk plastik separa siap	15,859	15,708	3,823	4,204	3,996	3,836
22202	Pembuatan produk plastik siap						
22203	Pembuatan artikel plastik untuk pembungkusan barangan	21,068	22,842	4,817	5,424	5,431	5,395
22204	Pembuatan barangan plastik jurubina	3,053	3,381	622	760	839	832
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7,594	7,593	1,718	2,136	1,970	1,770
22209	Pembuatan pelbagai produk plastik t.t.t.l.	13,866	15,257	3,190	3,308	3,542	3,826
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	5,230	5,376	1,412	1,304	1,212	1,303

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
5,611	3,835	4,248	5,293	3,633	3,686	Manufacture of products of wood, cork, straw and plaiting materials
2,923	1,899	2,081	2,787	1,899	2,034	Manufacture of veneer sheets and plywood
1,559	1,095	1,256	1,511	1,000	964	Manufacture of particle board and fibreboard
621	423	498	580	402	409	Manufacture of builders' carpentry
508	418	412	414	332	279	Other industry
7,711	7,488	7,466	7,487	5,116	5,040	Manufacture of paper and paper products
1,494	1,472	1,493	1,477	1,025	1,042	Manufacture of pulp, paper and paperboard
2,459	2,423	2,567	2,479	1,625	1,576	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
87	91	90	98	58	63	Manufacture of envelopes and letter-card
1,758	1,630	1,476	1,488	1,130	1,068	Manufacture of household and personal hygiene paper
1,098	1,027	933	1,075	740	686	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
814	844	908	870	538	605	Other industry
3,948	3,708	3,777	4,071	2,638	2,822	Printing, service activities related to printing and reproduction of recorded media
3,187	3,049	3,148	3,393	2,116	2,370	Printing
762	658	630	678	522	453	Service activities related to printing
						Reproduction of recorded media
48,509	52,490	56,180	51,468	32,380	31,070	Manufacture of refined petroleum products
17,271	16,835	17,504	16,555	11,483	12,343	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
449	509	549	597	286	428	Manufacture of liquefied or compressed inorganic industrial or medical gases
8,901	8,711	9,040	8,665	5,950	6,627	Manufacture of basic organic chemicals
						Manufacture of inorganic compounds
						Manufacture of fertilizers
910	932	844	819	562	613	Manufacture of associated nitrogen products
5,695	5,331	5,678	5,108	3,791	3,589	Manufacture of plastics in primary forms
1,317	1,353	1,394	1,366	893	1,086	Other industry
12,324	11,473	11,956	11,339	8,218	7,812	Manufacture of other chemical products and man-made fibres
1,297	1,177	1,138	1,038	885	713	Manufacture of pesticides and other agrochemical products
4,315	3,918	3,891	3,706	2,800	2,527	Manufacture of paints, varnishes and similar coatings ink and mastics
314	296	302	277	207	189	Manufacture of printing ink
4,062	3,723	4,085	3,536	2,770	2,523	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
2,152	2,210	2,350	2,593	1,431	1,737	Manufacture of writing and drawing ink
						Manufacture of other chemical products n.e.c.
184	148	190	190	125	123	Other industry
2,848	2,807	2,885	2,772	1,847	1,945	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2,324	2,332	2,291	2,177	1,498	1,578	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
524	474	595	595	349	367	Other industry
15,366	17,305	15,928	15,738	9,359	10,171	Manufacture of rubber products
512	605	569	570	342	358	Manufacture of rubber tyres for vehicles
220	226	244	241	143	164	Manufacture of interchangeable tyre treads and retreading rubber tyres
						Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
1,609	1,652	1,741	1,793	1,045	997	Rubber remilling and latex processing
11,433	13,203	11,702	11,565	6,775	7,618	Manufacture of rubber gloves
1,591	1,619	1,672	1,569	1,054	1,034	Manufacture of other rubber products n.e.c.
14,931	16,804	16,601	16,444	9,680	9,865	Manufacture of plastics products
						Manufacture of semi-manufactures of plastic products
3,724	4,109	3,903	3,972	2,395	2,460	Manufacture of finished plastic products
5,141	6,051	5,990	5,661	3,337	3,358	Manufacture of plastic articles for the packing of goods
768	812	894	907	489	533	Manufacture of builders' plastics ware
1,683	1,994	2,029	1,886	1,091	1,115	Manufacture of plastic tableware, kitchenware and toilet articles
3,616	3,839	3,784	4,017	2,368	2,400	Manufacture of diverse plastic products n.e.c.
1,477	1,352	1,286	1,260	992	930	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
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	1,876	1,757	1,978	1,550	1,221	1,064
16211	Pembuatan kepingan venier dan papan lapis	969	930	1,025	786	605	507
16212	Pembuatan papan partikel dan papan gentian	531	470	558	436	352	306
16221	Pertukangan kayu untuk jurubina	201	201	219	168	133	123
	Industri lain	175	157	176	160	130	127
170	Pembuatan kertas dan produk kertas	2,579	2,537	2,595	2,612	2,456	2,420
17010	Pembuatan pulpa, kertas dan kertas tebal	507	519	469	479	491	502
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	863	762	834	832	783	809
17091	Pembuatan sampul surat dan kad surat	30	28	29	33	30	29
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	555	574	628	612	549	470
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	352	388	358	390	315	322
	Industri lain	272	266	276	268	288	289
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	1,321	1,316	1,310	1,279	1,199	1,229
18110	Percetakan	1,059	1,056	1,071	1,046	983	1,020
18120 &	Aktiviti perkhidmatan berkaitan percetakan						
18200	Penerbitan semula media rakaman	262	260	239	233	217	208
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	17,176	15,204	16,129	17,118	16,001	19,370
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
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	144	143	162	169	172	168
20112 &	Pembuatan kimia organik asas						
20113	Pembuatan sebatian bukan organik	3,011	2,939	2,950	3,166	2,908	2,637
20121 &	Pembuatan baja						
20129	Pembuatan produk campuran nitrogen	290	272	348	309	307	316
20131	Pembuatan plastik dalam bentuk primer	1,962	1,829	1,903	1,714	1,749	1,868
	Industri lain	470	423	424	447	454	451
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	4,446	3,772	4,106	3,788	3,860	3,825
20210	Pembuatan racun perosak dan produk agrokimia lain	448	436	413	388	389	400
20221	Pembuatan cat, varnis dan penyadur dan mastik	1,515	1,285	1,514	1,328	1,322	1,268
20222	Pembuatan dakwat cetak	110	98	107	107	100	89
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat						
20232	Pembuatan pewangi dan penyediaan dandanan diri	1,539	1,231	1,292	1,199	1,246	1,278
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials						
20292 &	Pembuatan dakwat menulis dan melukis						
20299	Pembuatan produk kimia lain t.t.t.l.	768	663	721	720	752	738
	Industri lain	65	59	59	46	51	52
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	904	942	1,001	965	846	996
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan	730	768	826	814	698	820
	Industri lain	174	175	175	151	148	176
221	Pembuatan produk getah	4,890	4,468	6,007	6,041	5,728	5,536
22111	Pembuatan tayar getah untuk kenderaan	177	165	171	185	215	204
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	75	68	77	72	77	77
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan						
22193	Pengilangan semula getah dan prosesan susu getah	552	492	564	560	559	533
22192	Pembuatan sarung tangan getah	3,527	3,248	4,658	4,696	4,352	4,155
22199	Pembuatan produk getah lain yang t.t.t.l.	559	495	537	529	525	566
222	Pembuatan produk plastik	4,937	4,742	5,252	5,749	5,823	5,232
22201 &	Pembuatan produk plastik separa siap						
22202	Pembuatan produk plastik siap	1,234	1,161	1,329	1,375	1,420	1,314
22203	Pembuatan artikel plastik untuk pembungkusan barangan	1,680	1,657	1,804	2,039	2,125	1,887
22204	Pembuatan barangan plastik jurubina	248	241	279	271	281	261
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	564	527	592	692	664	637
22209	Pembuatan pelbagai produk plastik t.t.t.l.	1,212	1,156	1,248	1,372	1,333	1,133
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	506	486	485	469	453	430

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
1,122	1,467	1,659	1,793	1,759	1,741	1,916	1,770	Manufacture of products of wood, cork, straw and plaiting materials
515	715	852	949	928	910	1,055	979	Manufacture of veneer sheets and plywood
337	428	491	511	505	495	512	452	Manufacture of particle board and fibreboard
138	185	175	194	191	195	211	198	Manufacture of builders' carpentry
133	139	141	138	135	141	139	141	Other industry
2,513	2,508	2,445	2,428	2,551	2,509	2,530	2,510	Manufacture of paper and paper products
520	499	474	467	509	501	514	529	Manufacture of pulp, paper and paperboard
876	866	825	807	852	820	789	787	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
27	31	32	33	33	32	33	30	Manufacture of envelopes and letter-card
480	494	502	490	507	490	537	531	Manufacture of household and personal hygiene paper
294	318	321	340	361	375	347	338	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
316	301	291	290	289	291	310	295	Other industry
1,296	1,234	1,247	1,228	1,440	1,403	1,410	1,412	Printing, service activities related to printing and reproduction of recorded media
1,074	1,019	1,054	1,034	1,192	1,167	1,185	1,185	Printing
222	215	193	195	247	236	225	228	Service activities related to printing
								Reproduction of recorded media
19,483	18,780	17,917	18,536	17,782	15,150	16,807	14,263	Manufacture of refined petroleum products
5,788	6,176	5,540	5,172	5,495	5,888	6,506	5,836	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
188	180	182	167	208	223	211	217	Manufacture of liquefied or compressed inorganic industrial or medical gases
2,954	3,202	2,883	2,589	2,899	3,177	3,647	2,980	Manufacture of basic organic chemicals
								Manufacture of inorganic compounds
								Manufacture of fertilizers
294	291	258	262	277	280	300	313	Manufacture of associated nitrogen products
1,873	2,037	1,768	1,702	1,657	1,749	1,834	1,755	Manufacture of plastics in primary forms
480	465	449	451	455	460	515	571	Other industry
3,922	4,065	3,969	3,819	3,840	3,681	3,922	3,890	Manufacture of other chemical products and man-made fibres
388	373	377	367	335	336	358	354	Manufacture of pesticides and other agrochemical products
1,291	1,321	1,280	1,262	1,304	1,140	1,239	1,288	Manufacture of paints, varnishes and similar coatings ink and mastics
107	104	91	92	94	92	95	94	Manufacture of printing ink
1,334	1,455	1,296	1,195	1,179	1,162	1,300	1,223	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
744	754	852	841	868	884	864	873	Manufacture of writing and drawing ink
								Manufacture of other chemical products n.e.c.
59	58	73	63	60	67	65	58	Other industry
962	954	970	949	912	911	935	1,010	Manufacture of pharmaceuticals, medicinal chemical and botanical products
782	740	769	740	726	710	756	822	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
180	214	201	208	186	201	179	188	Other industry
5,605	5,109	5,214	5,520	5,163	5,056	5,327	4,844	Manufacture of rubber products
198	188	183	204	187	179	189	169	Manufacture of rubber tyres for vehicles
82	81	81	82	80	79	82	81	Manufacture of interchangeable tyre treads and retreading rubber tyres
598	580	563	577	604	612	528	469	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
								Rubber remilling and latex processing
4,164	3,711	3,828	4,123	3,773	3,669	3,979	3,639	Manufacture of rubber gloves
562	549	560	534	518	517	549	486	Manufacture of other rubber products n.e.c.
5,602	5,532	5,467	5,540	5,607	5,297	5,036	4,829	Manufacture of plastics products
								Manufacture of semi-manufactures of plastic products
1,339	1,285	1,279	1,330	1,356	1,286	1,265	1,195	Manufacture of finished plastic products
2,043	1,976	1,971	1,952	1,915	1,794	1,700	1,658	Manufacture of plastic articles for the packing of goods
301	293	300	304	320	283	270	263	Manufacture of builders' plastics ware
698	683	648	675	619	592	575	540	Manufacture of plastic tableware, kitchenware and toilet articles
1,221	1,295	1,269	1,278	1,397	1,343	1,226	1,174	Manufacture of diverse plastic products n.e.c.
477	422	387	388	425	447	456	474	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	2023			
				Q1	Q2	Q3	Q4
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	47,547	50,695	12,693	11,322	11,373	12,159
23911 & 23921	Pembuatan mortar refraktori dan konkrit & Pembuatan seramik bukan refraktori	2,458	2,541	629	588	602	639
23930	Pembuatan produk porselin dan seramik lain	1,012	948	262	243	246	261
23941	Pembuatan simen hidrolik	12,283	12,553	3,383	2,970	2,873	3,057
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	8,934	9,272	2,404	2,138	2,148	2,243
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan & Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.	16,587	18,738	4,325	3,901	4,011	4,349
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	4,620	5,094	1,242	1,062	1,102	1,214
	Industri lain	1,653	1,551	449	419	391	395
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	30,976	33,154	8,308	6,719	7,201	8,748
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	24,813	25,895	6,819	5,533	5,476	6,986
243	Pengacuan logam	667	740	157	166	168	177
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	32,069	33,584	8,155	8,090	7,579	8,244
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam & Pembuatan produk struktur logam lain	22,561	24,100	5,823	5,770	5,266	5,702
25120	Pembuatan tangki, takungan dan kontena daripada logam	8,681	8,806	2,106	2,113	2,113	2,349
	Industri lain	827	678	226	207	200	193
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	38,167	43,615	9,607	9,275	9,153	10,132
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5,470	5,651	1,347	1,350	1,370	1,404
25920	Rawatan dan penyalutan logam; menggunakan mesin	4,010	6,105	1,117	942	881	1,070
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6,221	6,816	1,467	1,461	1,563	1,730
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam & Pembuatan bolt, skru, nat dan produk uliran seumpamanya	11,949	13,533	3,078	2,970	2,814	3,086
25994	Pembuatan barangan rumah daripada logam	294	320	73	72	73	76
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	8,930	9,621	2,217	2,176	2,125	2,412
	Industri lain	1,293	1,569	308	305	327	353
261	Pembuatan komponen dan papan elektronik	354,760	366,336	91,403	86,283	92,043	85,031
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya & Pembuatan litar elektronik bersepadu dengan pemasangan mikro	200,443	209,293	51,831	47,614	53,011	47,987
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik & Pembuatan papan litar bercetak & Pembuatan komponen paparan	139,308	134,111	36,755	35,195	34,826	32,532
26109	Pembuatan komponen lain untuk aplikasi elektronik	15,010	22,932	2,817	3,475	4,205	4,513
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	51,617	64,509	12,823	14,482	11,940	12,372
263/ 26300	Pembuatan peralatan komunikasi	20,566	25,357	4,038	5,251	6,011	5,266
264/ 26400	Pembuatan peralatan elektronik pengguna	42,208	42,272	9,986	9,727	11,729	10,766
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	18,911	23,232	4,552	3,959	4,897	5,503
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan & Pembuatan kelengkapan kawalan proses perindustrian	16,835	21,229	4,103	3,521	4,315	4,895
26520	Pembuatan jam tangan dan jam dan bahagiannya	2,076	2,003	448	438	582	608
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	5,382	5,746	1,273	1,203	1,334	1,572

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
13,691	12,279	12,206	12,519	9,018	9,233	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
661	588	612	681	442	486	Manufacture of non-refractory ceramic
226	240	250	231	155	138	Manufacture of other porcelain and ceramic products
3,473	3,086	2,932	3,061	2,253	2,284	Manufacture of hydraulic cement
2,529	2,229	2,263	2,250	1,662	1,691	Manufacture of ready-mix and dry-mix concrete and mortars
						Manufacture of precast concrete, cement or artificial stone articles for use in construction
5,066	4,501	4,505	4,666	3,371	3,541	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.
1,331	1,273	1,262	1,228	856	819	Manufacture of other non-metallic mineral products n.e.c.
405	362	382	401	279	273	Other industry
8,906	7,470	7,760	9,017	5,770	5,775	Manufacture of basic iron and steel
6,795	6,075	5,910	7,116	4,448	4,817	Manufacture of basic precious and other non-ferrous metals
188	187	180	184	125	119	Casting of metals
9,084	8,805	7,623	8,072	6,069	5,946	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
						Manufacture of metal doors, windows and their frames, shutters and gates
6,415	6,222	5,519	5,944	4,323	4,370	Manufacture of other structural metal products
2,478	2,415	1,944	1,969	1,616	1,469	Manufacture of tanks, reservoirs and containers of metal
191	168	160	159	129	107	Other industry
10,928	10,898	10,576	11,214	7,103	7,784	Manufacture of other fabricated metal products; metal working service activities
						Forging, pressing, stamping and roll-forming of metal; powder metallurgy
1,385	1,393	1,417	1,456	921	949	Treatment and coating of metals; machining
1,379	1,564	1,493	1,670	845	1,246	Manufacture of tins and cans for food products, collapsible tubes and boxes
1,848	1,713	1,562	1,692	1,215	1,152	Manufacture of metal cable, plaited bands and similar articles
3,469	3,465	3,231	3,368	2,261	2,447	Manufacture of bolts, screws, nuts and similar threaded products
81	81	77	81	56	54	Manufacture of metal household articles
2,402	2,304	2,388	2,527	1,567	1,673	Manufacture of any other fabricated metal products n.e.c.
364	377	408	420	238	262	Other industry
89,828	89,022	97,267	90,219	54,951	59,447	Manufacture of electronic components and boards
						Manufacture of diodes, transistors and similar semiconductor devices
50,810	50,653	56,597	51,233	30,457	32,939	Manufacture of electronic integrated circuits micro assemblies
						Manufacture of electrical capacitors and resistors
33,996	33,235	34,542	32,338	21,186	22,460	Manufacture of printed circuit boards
						Manufacture of display components
5,021	5,134	6,128	6,648	3,309	4,047	Manufacture of other components for electronic applications
15,321	19,073	15,864	14,252	10,100	11,237	Manufacture of computers and peripheral equipment
5,349	6,578	7,140	6,288	3,409	3,670	Manufacture of communication equipment
9,668	10,287	12,041	10,276	6,229	5,548	Manufacture of consumer electronics
5,135	5,077	6,228	6,791	3,340	4,213	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
						Manufacture of measuring, testing, navigating and control equipment
4,648	4,640	5,712	6,229	3,016	3,821	Manufacture of industrial process control equipment
487	437	517	562	324	392	Manufacture of watches and clocks and parts
1,598	1,321	1,337	1,491	1,070	1,108	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
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	4,634	4,383	4,673	4,335	3,982	3,963
23911	Pembuatan mortar refraktori dan konkrit						
&							
23921	Pembuatan seramik bukan refraktori	229	213	219	200	198	190
23930	Pembuatan produk porselin dan seramik lain	79	76	72	79	80	82
23941	Pembuatan simen hidraulik	1,139	1,114	1,219	1,119	985	982
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	853	809	867	793	718	718
23952	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan;						
&							
23953	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan	1,769	1,602	1,695	1,600	1,430	1,471
&							
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.						
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	424	432	475	414	451	408
	Industri lain	141	139	126	129	121	112
241							
(24101 &							
24102 &							
24103 &							
24104 &							
24109)							
242							
(24201 &	Pembuatan besi dan keluli asas	2,810	2,959	3,136	2,799	2,413	2,259
24202 &							
24209)							
243	Pengacuan logam	65	60	64	70	61	56
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
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan						
&							
25119	pintu pagar daripada logam	2,219	2,105	2,092	2,142	2,017	2,063
25120	Pembuatan produk struktur logam lain						
	Pembuatan tangki, takungan dan kontena daripada logam	825	791	862	851	738	827
	Industri lain	67	62	62	58	57	54
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
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	471	450	464	477	454	462
25920	Rawatan dan penyalutan logam; menggunakan mesin	428	416	534	527	478	558
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	641	573	633	631	556	527
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam						
&							
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	1,142	1,119	1,208	1,219	1,132	1,115
25994	Pembuatan barangan rumah daripada logam	28	28	26	27	26	28
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	862	706	834	877	709	718
	Industri lain	117	121	125	131	121	125
261	Pembuatan komponen dan papan elektronik	25,596	29,355	34,876	26,838	30,066	32,119
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya						
&							
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	14,200	16,257	20,354	14,983	16,939	18,731
26103	Pembuatan kapasitor dan perintang elektrik						
&							
26104	Pembuatan papan litar bercetak	9,728	11,457	12,810	10,429	11,259	11,547
&							
26105	Pembuatan komponen paparan						
26109	Pembuatan komponen lain untuk aplikasi elektronik	1,668	1,641	1,713	1,426	1,867	1,841
262							
(26201 &	Pembuatan komputer dan kelengkapan peranti	4,767	5,333	5,220	7,048	5,952	6,073
26202)							
263/							
26300	Pembuatan peralatan komunikasi	1,691	1,717	1,940	1,719	2,415	2,444
264/							
26400	Pembuatan peralatan elektronik pengguna	3,075	3,155	3,439	2,871	3,588	3,827
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	1,730	1,610	1,795	1,454	1,758	1,865
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan						
&							
26512	Pembuatan kelengkapan kawalan proses perindustrian	1,559	1,456	1,632	1,315	1,608	1,716
26520	Pembuatan jam tangan dan jam dan bahagiannya	171	153	163	138	150	149
266/							
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	590	480	528	442	484	396

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
4,105	4,101	4,001	3,884	4,238	4,396	4,737	4,496	Manufacture of non-metallic mineral products n.e.c.
								Manufacture of refractory mortars and concretes
193	208	211	212	227	241	238	248	Manufacture of non-refractory ceramic
88	84	78	77	79	75	68	70	Manufacture of other porcelain and ceramic products
996	981	955	955	1,035	1,072	1,153	1,132	Manufacture of hydraulic cement
750	772	742	713	754	783	867	823	Manufacture of ready-mix and dry-mix concrete and mortars
								Manufacture of precast concrete, cement or artificial stone articles for use in construction
1,502	1,509	1,494	1,414	1,583	1,669	1,857	1,684	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.
443	423	395	385	426	418	419	400	Manufacture of other non-metallic mineral products n.e.c.
133	124	125	128	134	139	135	138	Other industry
2,193	2,519	3,049	3,090	3,043	2,885	2,824	2,951	Manufacture of basic iron and steel
1,654	1,933	2,323	2,272	2,409	2,435	2,352	2,465	Manufacture of basic precious and other non-ferrous metals
53	62	66	64	61	59	61	58	Casting of metals
2,518	2,568	2,536	2,503	2,624	2,945	3,031	2,915	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
								Manufacture of metal doors, windows and their frames, shutters and gates
1,791	1,847	1,881	1,823	1,913	2,208	2,236	2,134	Manufacture of other structural metal products
673	668	603	628	657	684	742	727	Manufacture of tanks, reservoirs and containers of metal
55	53	52	52	53	54	53	54	Other industry
3,482	3,566	3,529	3,641	3,632	3,941	3,979	3,805	Manufacture of other fabricated metal products; metal working service activities
								Forging, pressing, stamping and roll-forming of metal; powder metallurgy
469	487	461	487	481	488	484	466	Treatment and coating of metals; machining
472	498	523	541	542	587	619	627	Manufacture of tins and cans for food products, collapsible tubes and boxes
505	526	531	552	531	609	600	553	Manufacture of metal cable, plaited bands and similar articles
1,071	1,113	1,047	1,077	1,097	1,194	1,244	1,203	Manufacture of bolts, screws, nuts and similar threaded products
25	26	26	26	27	27	27	27	Manufacture of metal household articles
803	778	807	821	808	898	877	796	Manufacture of any other fabricated metal products n.e.c.
137	138	134	137	146	138	129	133	Other industry
29,266	32,618	35,383	30,095	30,662	29,461	27,695	31,752	Manufacture of electronic components and boards
								Manufacture of diodes, transistors and similar semiconductor devices
17,244	19,142	20,210	17,208	16,984	17,041	15,266	17,673	Manufacture of electronic integrated circuits micro assemblies
								Manufacture of electrical capacitors and resistors
10,256	11,576	12,711	10,580	11,534	10,224	10,458	12,002	Manufacture of printed circuit boards
								Manufacture of display components
1,766	1,900	2,462	2,308	2,144	2,196	1,970	2,077	Manufacture of other components for electronic applications
6,122	6,031	3,711	4,938	4,349	4,965	5,438	5,799	Manufacture of computers and peripheral equipment
2,220	2,445	2,475	1,982	2,188	2,118	1,866	1,804	Manufacture of communication equipment
3,945	4,142	3,954	3,668	3,415	3,193	2,627	2,921	Manufacture of consumer electronics
1,846	2,103	2,279	2,259	2,283	2,249	2,145	2,069	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
								Manufacture of measuring, testing, navigating and control equipment
1,680	1,925	2,107	2,080	2,088	2,061	1,938	1,883	Manufacture of industrial process control equipment
166	179	172	179	195	188	207	185	Manufacture of watches and clocks and parts
412	476	449	473	514	504	565	543	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

1.4a

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2023			
				Q1	Q2	Q3	Q4
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	2,794	3,197	623	627	763	781
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	19,166	19,641	4,201	4,450	5,587	4,928
27101	Pembuatan motor elektrik, penjana dan transformer	5,224	5,418	1,169	1,159	1,533	1,362
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	13,941	14,223	3,032	3,291	4,053	3,565
272/ 27200	Pembuatan bateri dan akumulator	6,421	7,174	1,571	1,710	1,447	1,692
273	Pembuatan pendawaian dan peranti pendawaian	9,713	9,542	2,436	2,385	2,490	2,402
27310	Pembuatan kabel gentian optikal	450	416	104	120	122	106
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	8,681	8,501	2,191	2,118	2,216	2,156
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	581	625	141	147	153	141
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	1,789	2,156	402	397	518	472
275/ 27500	Pembuatan perkakasan domestik	11,454	11,678	2,824	2,889	3,093	2,648
279/ 27900	Pembuatan kelengkapan elektrik lain	9,320	8,069	2,148	2,325	2,510	2,338
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	44,872	46,555	10,815	11,534	10,552	11,971
28120 & 28130	Pembuatan alat-alat kuasa bendalir	2,670	2,559	598	590	627	855
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	10,653	11,986	2,481	2,692	2,535	2,945
28192	Pembuatan jentera pembentukan logam dan alatan mesin						
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	9,379	10,069	2,366	2,640	1,958	2,416
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,173 13,996	7,261 14,680	2,170 3,201	2,137 3,474	1,831 3,601	2,035 3,720
291 (29101 & 29102)	Pembuatan kenderaan bermotor	49,965	51,272	12,356	9,860	11,663	16,085
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,423	7,567	2,099	2,050	1,944	2,330
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	42,867	45,153	10,188	10,295	11,301	11,083
301 (30110 & 30120)	Pembinaan kapal dan bot	5,777	5,975	1,622	1,529	1,154	1,472
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	2,455	2,417	2,480	2,917
30910	Pembuatan motosikal	2,722	3,000	600	637	715	770
30920	Pembuatan basikal dan <i>invalid carriages</i>	2,327	2,307	616	610	518	583
	Industri lain	5,220	5,083	1,239	1,170	1,247	1,564
310	Pembuatan perabot	17,130	18,569	4,729	3,766	3,671	4,964
31001	Pembuatan perabot kayu dan rotan	8,542	9,468	2,416	1,823	1,866	2,437
	Industri lain	8,588	9,101	2,313	1,943	1,805	2,526
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	5,573	6,665	1,304	1,521	1,286	1,462
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	6,956	6,348	1,594	1,800	1,893	1,669
32901	Pembuatan alat tulis	1,611	1,695	403	417	416	376
	Industri lain	5,345	4,653	1,191	1,383	1,478	1,293
323/ 32300	Pembuatan barangan sukan	244	234	64	67	53	59
324/ 32400	Pembuatan permainan dan mainan	542	624	132	168	124	119
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6,163	6,454	1,629	1,386	1,433	1,714
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	2,289	2,623	591	502	546	649
	Industri lain	3,874	3,831	1,038	884	887	1,065
Jumlah Pembuatan		1,804,035	1,886,549	449,424	439,208	453,856	461,548

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
832	697	762	907	544	585	Manufacture of optical instruments, photographic equipment, magnetic and optical media
4,384	4,634	5,461	5,162	2,936	2,971	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1,193	1,217	1,569	1,438	810	747	Manufacture of electric motors, generators and transformers
3,190	3,416	3,892	3,724	2,126	2,224	Manufacture of electricity distribution and control apparatus
1,515	1,714	2,143	1,802	1,027	1,397	Manufacture of batteries and accumulators
2,271	2,349	2,484	2,438	1,557	1,484	Manufacture of wiring and wiring devices
108	113	102	92	74	55	Manufacture of fibre optic cables
2,007	2,068	2,234	2,194	1,377	1,318	Manufacture of other electronic and electric wires and cables
157	168	148	152	105	110	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
469	451	622	614	321	371	Manufacture of electric lighting equipment
2,911	2,937	3,126	2,703	1,901	1,861	Manufacture of domestic appliances
2,009	1,951	2,091	2,019	1,354	1,333	Manufacture of other electrical equipment
11,018	11,905	10,866	12,766	7,397	8,122	Manufacture of general-purpose and special-purpose machinery
610	586	602	762	441	410	Manufacture of fluid power equipment
2,825	3,135	2,826	3,200	1,876	2,201	Manufacture of other pumps, compressors, taps and valves
2,435	2,703	2,210	2,720	1,641	1,780	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
1,670	1,902	1,634	2,055	1,100	1,145	Manufacture of metal-forming machinery and machine tools
3,478	3,579	3,594	4,030	2,339	2,586	Manufacture of air-conditioning machines, including for motor vehicles
14,386	11,911	11,883	13,093	10,044	7,261	Manufacture of other special-purpose machinery n.e.c.
1,566	1,655	1,883	2,463	980	1,399	Other industry
11,137	10,842	11,905	11,268	7,571	6,869	Manufacture of motor vehicles
1,473	1,489	1,223	1,791	904	1,158	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2,680	2,565	2,476	2,669	1,758	1,541	Manufacture of parts and accessories for motor vehicles
787	747	718	749	539	488	Building of ships and boats
562	580	542	623	367	366	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
1,331	1,238	1,217	1,297	852	687	Manufacture of motorcycles
5,326	4,159	3,926	5,157	3,446	3,549	Manufacture of bicycles and invalid carriages
2,782	2,098	2,006	2,583	1,763	1,855	Other industry
2,544	2,062	1,920	2,575	1,682	1,694	Manufacture of furniture
1,473	1,786	1,718	1,689	988	1,156	Manufacture of wooden and cane furniture
1,584	1,730	1,554	1,479	1,064	1,012	Other industry
383	446	454	412	250	273	Manufacture of jewellery, bijouterie and related articles
1,201	1,284	1,100	1,068	814	739	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
67	66	49	52	44	42	Manufacture of stationery
124	174	176	151	76	92	Other industry
1,706	1,485	1,492	1,770	1,074	1,131	Manufacture of sports goods
663	599	611	750	403	470	Manufacture of games and toys
1,044	886	881	1,020	671	661	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
						Repair and maintenance of transport equipment except motorcycles and bicycles
						Other industry
457,326	464,219	483,215	481,788	298,895	311,197	

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
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	281	263	287	239	239	218
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1,545	1,391	1,448	1,536	1,574	1,524
	27101 Pembuatan motor elektrik, penjana dan transformer	431	379	384	406	409	402
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	1,114	1,012	1,064	1,129	1,165	1,122
272/ 27200	Pembuatan bateri dan akumulator	544	483	488	536	591	587
273	Pembuatan pendawaian dan peranti pendawaian	829	728	715	757	836	755
	27310 Pembuatan kabel gentian optikal	38	36	34	36	39	37
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	736	641	629	667	737	663
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	54	51	51	54	60	55
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	167	154	148	146	161	144
275/ 27500	Pembuatan perkakasan domestik	953	948	1,010	1,007	939	991
279/ 27900	Pembuatan kelengkapan elektrik lain	735	619	655	605	663	682
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	3,813	3,584	3,621	4,056	3,960	3,889
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	230	210	169	189	193	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
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	845	796	794	920	931	852
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	585 1,191	515 1,148	570 1,138	693 1,195	626 1,183	584 1,201
291 (29101 & 29102)	Pembuatan kenderaan bermotor	5,504	4,540	4,342	4,070	4,531	3,309
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	523	458	586	520	544	591
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	3,851	3,720	3,566	3,602	4,082	3,158
301 (30110 & 30120)	Pembinaan kapal dan bot	446	458	569	616	459	415
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
	30910 Pembuatan motosikal	290	249	248	247	253	247
	30920 Pembuatan basikal dan <i>invalid carriages</i>	201	166	195	188	193	199
	Industri lain	437	415	479	434	398	406
310	Pembuatan perabot	1,794	1,652	1,880	1,523	1,528	1,107
	31001 Pembuatan perabot kayu dan rotan	896	868	1,019	783	767	547
	Industri lain	898	784	862	740	762	560
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	531	457	485	581	599	606
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
	32901 Pembuatan alat tulis	129	121	133	147	149	150
	Industri lain	402	412	387	431	474	379
323/ 32300	Pembuatan barangan sukan	23	21	23	26	22	17
324/ 32400	Pembuatan permainan dan mainan	38	38	48	52	65	57
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	548	527	632	610	432	444
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	203	200	260	263	168	169
	Industri lain	345	327	372	347	264	275
		152,704	146,191	158,431	153,227	154,897	156,094

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
246	258	257	308	304	295	301	284	Manufacture of optical instruments, photographic equipment, magnetic and optical media
1,715	1,840	1,906	1,859	1,681	1,623	1,547	1,423	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
464	542	564	548	454	437	388	359	Manufacture of electric motors, generators and transformers
1,252	1,298	1,342	1,311	1,227	1,186	1,159	1,065	Manufacture of electricity distribution and control apparatus
681	692	770	629	605	568	728	670	Manufacture of batteries and accumulators
816	822	846	850	813	775	781	703	Manufacture of wiring and wiring devices
32	40	30	30	30	32	29	26	Manufacture of fibre optic cables
736	731	767	769	731	693	695	623	Manufacture of other electronic and electric wires and cables
48	51	49	51	52	50	57	53	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
183	222	218	215	197	202	184	187	Manufacture of electric lighting equipment
1,001	1,111	1,014	927	895	881	926	935	Manufacture of domestic appliances
674	709	708	684	632	703	727	605	Manufacture of other electrical equipment
3,509	3,667	3,689	3,885	4,398	4,483	4,157	3,965	Manufacture of general-purpose and special-purpose machinery
181	203	218	216	270	276	221	189	Manufacture of fluid power equipment
950	957	918	956	1,103	1,142	1,070	1,131	Manufacture of other pumps, compressors, taps and valves
668	790	753	833	922	965	922	858	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
539	496	599	610	714	731	636	509	Manufacture of metal-forming machinery and machine tools
1,171	1,222	1,201	1,270	1,391	1,369	1,308	1,278	Manufacture of air-conditioning machines, including for motor vehicles
4,167	4,314	3,402	4,385	4,351	4,357	3,813	3,448	Manufacture of other special-purpose machinery n.e.c.
648	598	636	799	872	792	848	551	Other industry
4,129	4,102	3,674	3,640	3,903	3,725	3,478	3,391	Manufacture of motor vehicles
391	381	451	569	618	603	598	561	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
818	821	838	896	919	854	793	749	Manufacture of parts and accessories for motor vehicles
256	241	220	233	266	250	248	240	Building of ships and boats
175	187	180	202	217	203	197	169	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
388	392	437	461	435	401	348	339	Manufacture of motorcycles
1,168	1,267	1,490	1,644	1,740	1,774	1,818	1,730	Manufacture of bicycles and invalid carriages
590	681	735	798	879	905	942	913	Other industry
578	587	755	845	860	869	876	818	Manufacture of furniture
552	552	615	546	576	567	621	535	Manufacture of wooden and cane furniture
516	506	532	479	500	500	505	507	Other industry
156	155	143	142	130	139	139	134	Manufacture of jewellery, bijouterie and related articles
360	350	389	338	370	360	366	373	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
17	17	16	15	18	19	21	21	Manufacture of stationery
59	60	58	55	50	46	47	45	Other industry
426	473	593	584	610	576	574	557	Manufacture of sports goods
162	191	258	240	264	246	239	231	Manufacture of games and toys
264	282	335	344	346	330	335	326	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
								Repair and maintenance of transport equipment except motorcycles and bicycles
								Other industry
157,060	163,893	162,262	161,428	161,971	158,389	158,095	153,102	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	2023	2024	2023		2024				2025				2024	2025
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	(Jan. - Feb.)	(Jan. - Feb.)	
101	Pemprosesan dan pengawetan daging	5.7	-82.8	6.3	9.8	5.2	1.9	5.8	3.5	6.5	11.5	-33.2	6.2	0.3	
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	-0.9	1.0	3.7	10.5	8.9	3.2	0.8	-3.9	-3.4	-30.4	3.7	3.6	
	10201 Pengetinan ikan, krustasea dan moluska	5.2	-1.7	0.2	2.4	10.1	8.1	2.6	-0.02	-5.0	-3.9	-30.8	2.9	3.1	
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska														
	Industri lain	19.5	10.3	15.7	25.6	15.8	21.2	12.5	12.6	13.3	3.6	-25.3	15.4	10.4	
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	31.0	10.9	16.4	36.0	36.9	34.4	23.7	10.7	6.3	5.0	-31.8	31.0	2.3	
	10303 Pengetinan nanas														
	10304 Pembuatan jem, marmalad dan sajian jeli	58.2	12.9	50.0	87.3	50.8	49.5	35.8	8.3	6.4	6.7	-40.5	43.5	-9.3	
	Industri lain	24.3	10.2	9.5	25.1	32.9	30.1	20.3	11.4	6.2	4.5	-29.1	27.6	6.0	
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-11.2	10.6	4.7	-25.4	-13.8	-5.4	-0.2	9.4	16.4	15.2	-19.5	2.2	14.2	
	10404 Pembuatan minyak sayuran mentah dan bertapis														
	10406 Pembuatan sebatian lemak masakan	0.8	1.8	22.3	-0.2	-11.1	-1.4	1.8	-9.9	3.4	12.0	-21.9	5.2	15.0	
	10405 Pembuatan minyak kelapa	-19.9	34.3	-15.4	-24.6	-25.2	-14.3	17.3	36.8	43.3	39.9	-16.0	11.3	25.6	
	Industri lain	-12.6	11.6	2.8	-28.2	-14.1	-5.8	-0.7	12.1	18.0	15.4	-19.2	1.7	14.0	
105	Pembuatan produk tenusu	-0.1	-1.8	3.9	4.8	-5.1	-3.6	-6.6	-8.4	1.7	6.7	-28.8	-5.9	9.4	
	10502 Pembuatan susu pekat, tepung dan sejat	-0.4	-4.3	4.8	4.9	-6.0	-5.0	-8.7	-11.4	-1.1	4.8	-29.8	-8.1	8.1	
	Industri lain	4.0	31.9	-9.2	2.4	7.6	15.5	26.9	36.8	34.9	28.8	-16.5	26.5	23.8	
106	Pembuatan produk bijian, kanji dan produk berkanji	5.1	11.0	9.6	1.0	6.2	4.0	6.1	10.7	13.8	13.4	-28.3	5.3	10.6	
	10611 Pengilangan beras	3.2	11.8	12.7	-1.1	1.6	0.7	3.2	10.0	17.9	16.3	-27.8	0.5	14.2	
	10613 Pengilangan tepung	7.6	10.6	6.9	3.6	11.5	8.5	9.1	11.1	10.5	11.6	-28.2	10.1	8.3	
	Industri lain	-3.7	6.4	6.5	-4.6	-1.6	-13.1	6.7	17.1	3.9	-1.5	-37.3	3.5	-4.2	
107	Pembuatan produk makanan lain	8.3	12.3	6.9	6.7	7.3	12.1	11.0	12.0	12.3	13.6	-23.4	10.7	16.3	
	10711 Pembuatan biskut dan cookies	23.0	15.2	5.2	12.6	33.0	40.8	28.2	18.4	13.0	5.4	-31.2	27.5	5.4	
	10712 Pembuatan roti, kek dan produk bakeri lain	10.7	8.0	18.4	10.7	7.4	7.2	0.8	0.6	10.2	21.2	-15.8	1.6	27.0	
	10713 Pembuatan produk snek	16.9	27.0	0.9	10.2	25.6	30.6	41.5	37.0	22.2	12.3	-32.9	44.3	3.7	
	10721 Pembuatan gula	17.6	14.8	-7.2	13.6	28.5	37.5	27.9	17.4	10.5	7.1	-27.2	27.0	10.2	
	10731 Pembuatan produk koko	6.2	53.8	4.6	7.6	4.8	7.8	22.8	54.9	60.0	76.4	1.1	19.6	50.5	
	10732 Pembuatan coklat dan produk coklat														
	10733 Pembuatan konfeksi gula	-2.2	6.8	1.7	-4.7	-6.7	1.2	2.9	7.9	8.0	8.4	-25.4	-0.04	15.2	
	10793 Pembuatan sos dan bahan perasa	7.5	13.4	-3.4	2.5	15.2	16.2	17.0	22.8	7.6	7.5	-32.5	19.9	1.3	
	10799 Pembuatan produk makanan lain t.t.t.l.	5.3	3.3	12.3	5.7	-1.2	5.5	4.3	1.7	5.3	1.9	-23.5	6.7	13.6	
	Industri lain	11.0	8.7	11.7	14.0	8.4	10.2	11.9	9.9	7.3	6.1	-29.6	12.4	6.9	
108/ 10800	Pembuatan makanan haiwan tersedia	17.4	-0.7	20.2	16.2	18.2	15.3	8.2	-1.0	-5.7	-2.9	-34.0	8.0	1.5	
110	Pembuatan minuman ringan	2.7	9.0	0.2	3.2	1.4	5.8	6.1	8.2	9.4	12.0	-29.0	5.5	9.5	
	11041 Pembuatan minuman ringan	6.2	13.6	-2.5	7.2	11.4	9.0	11.2	12.7	14.1	15.9	-26.9	11.7	12.9	
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	3.7	3.5	-3.7	3.3	7.9	7.7	2.0	0.1	0.2	11.9	-19.7	4.5	22.6	
	Industri lain	-2.8	3.4	5.6	-2.3	-13.6	0.4	-0.1	3.8	4.4	5.5	-34.9	-2.8	0.2	
120/ 12000	Pembuatan produk tembakau	17.6	8.4	17.4	27.0	18.6	9.0	9.3	11.8	9.6	2.8	-36.5	9.9	1.5	
131	Pemintalan, penenunan dan penyiapan tekstil	-12.3	2.8	-11.8	-8.8	-12.8	-16.0	-0.1	6.8	2.9	1.4	-33.2	2.1	-0.6	
	13110 Penyediaan dan pemintalan gentian tekstil														
	13120 Penenunan tekstil	-11.9	-0.3	-8.5	-5.3	-13.6	-20.3	-6.2	1.2	1.1	3.2	-32.2	-5.5	2.0	
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-13.1	12.6	-21.5	-18.1	-9.7	-2.5	21.9	26.6	8.3	-3.2	-35.9	29.5	-7.4	
	Industri lain	-30.1	-13.3	-22.7	-31.3	-32.8	-34.3	-15.2	-24.4	-15.9	5.2	-28.9	-12.4	-1.5	
139	Pembuatan tekstil lain	10.8	12.1	10.6	8.5	10.1	14.0	15.7	14.2	12.4	6.5	-36.8	15.5	-5.3	
	13910 Pembuatan fabrik dikait dan dikrusye	-1.8	5.9	-0.6	-0.9	-2.4	-3.5	5.6	5.9	10.3	1.8	-34.5	5.5	-1.6	
	Industri lain	21.2	16.2	20.2	16.3	20.0	27.9	22.8	20.1	13.7	9.4	-38.2	22.6	-7.5	
141	Pembuatan pakaian, kecuali pakaian berbulu	5.0	2.6	2.4	6.8	7.2	3.8	4.0	2.2	5.4	-0.9	-33.2	1.9	2.3	
	14102 Pembuatan pakaian	5.7	0.4	2.7	9.0	7.8	3.8	4.3	-0.5	2.0	-3.9	-33.8	1.5	1.3	
	Industri lain	-0.2	19.2	0.6	-7.6	2.0	4.3	2.3	23.1	33.3	22.1	-29.5	4.4	9.0	
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	18.8	11.8	18.9	19.8	14.5	21.8	21.4	15.1	14.4	-1.9	-36.0	21.1	-2.5	
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	7.5	9.7	6.4	13.4	5.7	5.8	6.5	2.7	12.9	15.2	-24.0	6.5	15.2	
152	Pembuatan kasut	12.6	-4.1	6.2	15.9	14.0	14.7	7.1	-0.02	-8.8	-13.4	-39.6	9.5	-10.9	
	15201 Pembuatan kasut kulit	16.1	0.1	13.3	24.6	11.1	16.5	12.9	2.5	-4.4	-8.8	-35.9	13.5	-4.8	
	15203 Pembuatan kasut getah														
	Industri lain	6.5	-12.1	-4.5	3.1	20.2	11.0	-3.4	-4.6	-17.4	-23.2	-47.1	2.0	-23.2	
161/ 16100	Pengilangan dan pengetaman kayu	-2.7	-7.6	1.6	3.3	-7.7	-7.2	-8.5	-5.2	-8.0	-8.4	-40.1	-8.7	-5.4	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
7.6	4.9	5.0	2.7	5.0	2.9	6.3	5.3	8.0	10.9	13.2	10.1	11.8	-10.9	Processing and preserving of meat
3.7	3.6	2.2	6.1	-3.3	0.1	-5.1	-3.7	-2.8	-5.1	-4.4	-0.5	-1.9	9.9	Processing and preserving of fish, crustaceans and molluscs
2.8	3.0	1.9	6.1	-4.3	-1.3	-6.6	-5.2	-3.1	-5.8	-5.0	-0.7	-2.4	9.3	Canning of fish, crustaceans and molluscs
18.4	12.4	6.8	5.7	11.3	20.8	19.6	21.0	1.0	5.1	3.2	2.7	4.3	16.6	Processing, curing and preserving of fish, crustacean and molluscs
38.0	24.3	11.3	16.1	11.9	4.6	9.0	8.6	1.4	8.0	2.2	5.0	-1.3	6.3	Other industry
52.3	35.3	23.1	24.4	8.9	-4.3	6.8	6.7	5.9	7.4	6.7	6.1	-9.2	-9.5	Processing and preserving of fruits and vegetable
34.1	21.2	7.9	13.7	12.9	7.8	9.7	9.2	0.02	8.2	0.7	4.7	1.1	11.2	Pineapple canning
12.7	-8.9	-5.5	8.3	9.0	10.9	23.5	23.3	4.6	13.7	15.0	17.0	11.1	18.3	Manufacture of jams, marmalades and table jellies
16.1	-5.0	-4.8	-14.6	-14.9	0.2	2.7	3.5	4.0	7.6	13.8	14.7	15.3	14.7	Other industry
0.8	23.4	31.8	31.4	25.3	55.5	60.0	35.5	36.0	27.8	64.0	31.6	29.2	22.1	Manufacture of vegetable and animal oils and fats
12.3	-9.8	-5.9	11.7	12.7	12.1	26.3	26.1	4.5	14.4	14.8	17.1	10.4	18.8	Manufacture of crude and refined vegetable oil
-4.9	-6.9	-7.8	-8.4	-8.5	-8.4	-0.1	2.6	2.5	0.6	8.1	11.7	10.8	8.0	Manufacture of compound cooking fats
-6.9	-9.2	-9.9	-10.7	-11.9	-11.7	-3.2	0.1	-0.3	-1.5	6.3	10.1	10.0	6.1	Manufacture of coconut oil
22.6	31.0	27.7	30.1	42.1	37.6	37.2	34.0	33.8	25.2	29.6	31.7	19.2	28.8	Other industry
12.5	-1.5	7.7	8.3	9.1	15.1	13.6	14.5	13.4	15.1	12.7	12.4	6.2	15.3	Manufacture of dairy products
12.5	-9.7	8.1	7.1	6.6	17.2	17.4	18.4	17.8	18.2	15.3	15.4	9.1	19.7	Manufacture of condensed, powdered and evaporated milk
13.1	7.1	7.0	8.8	11.4	13.0	10.3	11.0	10.2	13.5	11.2	10.3	4.3	12.6	Other industry
3.5	3.6	13.4	19.6	15.2	16.6	8.2	9.1	-4.6	-4.3	-1.6	1.5	-4.4	-4.0	Manufacture of grain mill products, starches and starch products
13.3	8.1	11.5	14.8	11.4	10.1	12.1	12.3	12.5	14.4	12.1	14.4	14.7	18.0	Rice milling
39.0	16.9	29.4	29.5	13.3	13.8	14.1	11.6	13.4	13.0	0.5	3.3	2.8	8.2	Flour milling
2.3	0.8	-0.7	8.5	-2.3	-3.6	3.4	7.6	20.3	18.9	19.8	25.1	24.0	30.1	Other industry
55.9	33.1	36.7	38.8	38.5	33.9	36.2	19.1	13.0	19.1	7.5	10.6	-3.3	11.6	Manufacture of other food products
28.2	25.8	29.8	30.5	21.8	3.2	12.3	10.9	8.7	9.8	5.9	5.4	9.5	10.8	Manufacture of biscuits and cookies
25.4	14.4	29.8	38.0	59.2	67.1	50.1	70.7	59.3	75.9	74.2	79.2	49.2	51.8	Manufacture of bread, cakes and other bakery products
-1.1	1.0	8.7	8.4	7.4	7.8	9.2	9.2	5.5	8.4	6.5	10.3	17.5	13.0	Manufacture of snack products
27.8	12.7	11.5	14.5	33.1	22.2	11.6	5.8	5.9	7.2	10.5	5.0	0.3	2.3	Manufacture of sugar
10.7	2.9	-0.2	2.3	-1.3	4.4	4.4	5.6	5.7	1.9	2.3	1.6	12.3	15.0	Manufacture of sugar confectionery
16.4	8.6	10.8	11.6	8.2	9.9	10.8	7.3	4.0	6.2	5.7	6.4	3.7	10.3	Manufacture of sauces and condiments
9.9	6.2	8.4	1.0	0.7	-4.6	-3.9	-4.1	-9.1	-9.1	-1.7	3.1	2.7	0.2	Manufacture of other food products n.e.c.
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	Other industry
16.9	6.6	10.3	12.2	11.7	14.3	9.0	14.9	18.9	15.9	17.2	14.7	6.3	19.8	Manufacture of prepared animal feeds
8.2	1.2	-2.5	-1.0	-1.6	3.0	4.8	-0.9	-3.1	5.4	11.5	19.8	19.6	25.4	Manufacture of beverages
-7.7	2.6	5.3	1.3	0.7	10.6	11.9	5.2	-2.4	-6.4	7.0	18.2	10.6	-10.0	Manufacture of soft drinks
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	1.1	Production of natural mineral waters and other bottled waters
1.7	2.4	-4.2	4.5	9.9	5.9	7.5	5.8	-5.4	0.6	0.9	2.6	-0.1	-1.2	Other industry
-5.4	-5.5	-7.5	0.9	-0.5	3.4	4.7	3.2	-5.3	4.7	2.5	2.4	2.7	1.1	Manufacture of tobacco products
28.6	30.4	7.7	18.0	48.9	14.1	16.9	14.1	-5.4	-9.2	-3.1	3.0	-7.8	-7.0	Spinning, weaving and finishing of textiles
-27.4	7.1	-21.6	-25.8	-28.0	-18.7	-13.0	-17.0	-17.8	3.6	-1.1	14.4	2.8	-5.2	Preparation and spinning of textile fibres
16.6	14.5	16.0	12.9	14.9	14.9	15.3	13.7	8.3	5.0	6.2	8.5	-5.2	-5.4	Weaving of textiles
6.1	4.9	5.8	5.7	5.8	6.2	12.1	15.0	3.6	-1.8	3.0	4.1	-1.8	-1.4	Dyeing, bleaching, printing and finishing of yarns and fabrics
23.9	21.2	23.2	18.0	21.3	20.9	17.3	12.8	11.2	9.1	8.1	11.0	-7.3	-7.8	Other industry
6.3	-2.5	8.3	4.5	2.5	-0.7	8.8	4.3	3.0	2.5	-4.0	-1.1	1.2	3.5	Manufacture of other textiles
6.3	-3.3	9.9	3.6	-1.0	-4.2	4.8	0.5	0.6	1.0	-7.4	-5.0	-0.7	3.6	Manufacture of wearing apparel, except fur apparel
5.7	3.1	-1.4	11.2	31.5	26.9	42.6	37.1	21.5	14.6	22.0	29.7	14.6	3.5	Manufacture of clothings
23.4	18.9	22.2	22.9	16.3	6.2	20.1	24.7	1.3	-0.7	-2.0	-3.1	-2.5	-2.5	Other industry
6.5	6.6	6.5	3.6	1.2	3.4	7.8	15.1	15.0	14.2	13.2	18.4	17.7	12.5	Manufacture of articles of fur, knitted and crocheted apparel
11.2	7.6	2.4	-1.9	-0.9	2.9	-4.6	-10.7	-10.7	-16.4	-12.2	-11.7	-16.1	-5.0	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
14.5	12.4	11.8	-0.8	1.6	7.1	-0.8	-4.8	-7.4	-12.3	-6.6	-7.6	-11.1	2.3	Manufacture of footwear
4.7	-0.7	-13.6	-3.9	-5.1	-4.9	-11.9	-22.4	-17.6	-24.9	-24.2	-20.5	-26.8	-19.3	Manufacture of leather footwear
-2.0	-15.4	-8.1	-2.4	-7.7	-6.5	-6.7	-8.4	-8.5	-9.9	-9.0	-6.0	-10.6	0.4	Manufacture of rubber footwear
														Other industry
														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				2025	2024	2025
		2023	2024									2025	2024	2025
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	(Jan. - Feb.)	(Jan. - Feb.)
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-5.8	4.8	-5.7	-4.3	-7.1	-5.9	1.3	6.6	9.1	4.1	-34.3	-0.4	1.5
16211	Pembuatan kepingan venier dan papan lapis	1.2	5.4	0.9	4.3	1.9	-0.9	2.7	6.8	7.3	5.8	-30.4	1.2	7.1
16212	Pembuatan papan partikel dan papan gentian	-13.1	6.0	-12.2	-10.5	-16.5	-13.3	1.0	4.7	13.1	7.0	-38.2	-0.3	-3.6
16221	Pertukangan kayu untuk jurubina	-5.6	4.3	-4.7	-8.5	-4.4	-5.6	-0.1	7.5	11.0	1.8	-34.1	-3.7	1.7
	Industri lain	-15.5	-0.9	-17.6	-16.4	-19.0	-8.9	-3.7	10.1	4.0	-11.0	-45.0	-4.8	-15.8
170	Pembuatan kertas dan produk kertas	5.7	0.9	11.0	4.8	1.9	5.6	2.0	1.5	1.1	-1.0	-34.6	3.9	-1.5
17010	Pembuatan pulpa, kertas dan kertas tebal	-3.8	4.6	-1.5	-7.3	-6.0	-0.7	1.5	9.9	7.6	-0.1	-30.2	1.5	1.7
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-3.5	-4.3	7.8	-5.8	-9.7	-5.0	-8.5	-4.1	1.4	-5.7	-35.9	-6.9	-3.0
17091	Pembuatan sampul surat dan kad surat	0.3	-2.1	29.5	10.8	-11.4	-18.3	-14.6	-3.8	-0.03	12.1	-28.0	-14.0	8.4
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	13.2	-6.5	14.2	13.8	13.3	11.4	1.1	-5.5	-12.6	-9.2	-39.3	2.2	-5.5
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	19.0	5.8	28.1	22.0	8.5	19.1	16.7	0.8	-3.1	9.4	-37.6	25.2	-7.4
	Industri lain	41.1	24.5	27.2	41.1	47.9	48.1	31.7	25.7	25.8	16.4	-25.7	33.8	12.4
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	6.0	6.7	7.5	5.5	7.5	3.6	3.6	7.4	9.3	7.0	-28.5	3.6	7.0
18110	Percetakan	3.6	12.5	-0.7	1.2	6.2	8.1	9.9	13.9	15.0	11.6	-25.6	10.3	12.0
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan dan Penerbitan semula media rakaman	15.1	-14.0	45.3	23.6	12.7	-11.3	-16.6	-15.2	-12.6	-11.2	-40.6	-16.9	-13.4
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-10.1	-7.2	21.9	-6.2	-22.7	-20.9	-12.9	-7.2	-3.9	-4.8	-35.9	-15.7	-4.0
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	-8.0	-0.01	-6.5	-9.1	-8.3	-8.2	-8.1	3.3	4.0	1.7	-28.5	-7.0	7.5
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-16.2	23.3	58.8	-28.2	-36.3	-28.1	-15.2	32.3	49.3	40.8	-4.6	-23.6	49.4
20112 & 20113	Pembuatan kimia organik asas dan Pembuatan sebatian bukan organik	-11.6	3.2	-7.5	-11.7	-14.6	-13.0	-9.8	9.3	8.1	8.1	-25.5	-8.7	11.4
20121 & 20129	Pembuatan baja dan Pembuatan produk campuran nitrogen	-18.4	-26.7	-15.1	-15.3	-20.1	-24.4	-35.8	-24.9	-23.8	-19.2	-32.6	-40.1	9.0
20131	Pembuatan plastik dalam bentuk primer	2.1	-2.0	-9.0	-2.9	14.3	8.7	2.6	-1.3	-0.6	-8.8	-37.0	6.0	-5.3
	Industri lain	-8.2	4.3	8.5	-2.7	-20.0	-15.2	-6.9	4.3	9.2	12.0	-17.5	-5.1	21.6
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	17.8	6.5	21.4	20.7	17.6	12.5	13.6	9.3	5.4	-1.5	-36.6	16.1	-4.9
20210	Pembuatan racun perosak dan produk agrokimia lain	23.6	-8.4	19.0	31.4	42.7	6.9	4.1	-2.6	-14.3	-19.9	-45.1	7.5	-19.5
20221	Pembuatan cat, varnis dan penyadur dan mastik	34.7	15.4	18.9	34.5	45.6	40.6	38.0	18.2	7.8	1.1	-41.4	42.4	-9.7
20222	Pembuatan dakwat cetak	-3.6	7.5	-0.8	-4.1	-0.8	-8.8	7.2	5.6	9.5	7.7	-40.0	5.4	-9.0
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilap dan Pembuatan pewangi dan penyediaan dandanan diri	10.6	0.7	23.0	16.2	3.3	2.9	5.6	2.1	3.0	-7.9	-37.9	11.3	-8.9
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials dan Pembuatan dakwat menulis dan melukis	9.7	12.9	26.0	9.9	4.6	1.6	1.1	17.3	18.0	16.0	-19.3	-2.4	21.4
20299	Pembuatan produk kimia lain t.t.t.l.													
	Industri lain	4.9	-6.6	38.0	-2.8	-19.2	11.9	-12.4	-7.8	10.9	-14.0	-33.2	-9.3	-1.6
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	5.2	5.6	12.0	5.1	0.7	3.5	5.4	6.8	6.3	4.1	-31.7	4.9	5.3
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	4.5	3.8	9.7	4.5	-0.8	5.0	4.8	6.7	3.9	-0.1	-32.1	3.7	5.4
	Industri lain	8.5	14.0	24.1	8.4	7.8	-2.9	8.4	7.0	17.0	23.0	-30.0	10.6	5.2
221	Pembuatan produk getah	-9.1	7.7	-10.8	-12.6	-8.6	-3.4	4.4	5.6	10.5	10.7	-33.8	6.2	8.7
22111	Pembuatan tayar getah untuk kenderaan	-38.1	-13.2	-41.4	-43.2	-35.0	-28.4	-31.4	-12.9	-8.1	5.6	-30.1	-30.7	4.9
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	27.1	7.4	29.9	26.8	20.7	31.3	4.7	6.3	12.8	5.8	-25.6	8.1	14.3
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan dan Pengilangan semula getah dan prosesan susu getah	-16.9	11.9	-8.6	-26.1	-24.5	-6.1	7.0	12.0	20.2	8.9	-38.0	7.4	-4.5
22192	Pembuatan sarung tangan getah	-5.8	8.4	-8.4	-8.3	-3.9	-1.6	5.6	5.2	10.5	13.1	-33.4	7.8	12.4
22199	Pembuatan produk getah lain yang t.t.t.l.	-9.5	7.6	-10.6	-13.9	-9.0	-4.4	10.8	11.7	8.5	-0.1	-35.0	12.9	-1.9
222	Pembuatan produk plastik	-0.6	5.4	-3.3	-1.2	-0.6	2.6	5.4	6.1	5.2	5.0	-33.9	6.7	1.9
22201 & 22202	Pembuatan produk plastik separa siap dan Pembuatan produk plastik siap	-5.3	-1.0	-3.2	-7.7	-7.4	-2.2	-2.6	-2.3	-2.3	3.5	-33.9	-2.2	2.7
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-1.9	8.4	5.4	-1.9	-5.6	-4.1	6.7	11.6	10.3	4.9	-34.7	7.0	0.6
22204	Pembuatan barangan plastik jurubina	41.2	10.7	27.9	33.8	45.5	56.4	23.4	6.9	6.5	9.0	-30.5	34.9	9.1
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	7.9	-0.02	8.5	19.7	4.8	-1.1	-2.0	-6.7	3.0	6.6	-33.8	2.3	2.2
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-3.6	10.0	-21.5	-8.0	5.9	13.0	13.4	16.0	6.9	5.0	-33.6	14.4	1.3
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-3.3	2.8	-4.8	-2.1	-4.1	-2.3	4.6	3.7	6.2	-3.3	-37.0	6.9	-6.2

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
0.7	-1.5	4.6	5.7	5.3	9.4	15.6	7.1	6.7	3.8	3.6	5.1	2.1	0.8	Manufacture of products of wood, cork, straw and plaiting materials
1.0	1.4	5.8	6.1	6.3	8.3	11.8	6.4	5.5	4.8	4.7	8.1	8.8	5.4	Manufacture of veneer sheets and plywood
5.0	-5.7	3.4	4.0	2.3	8.6	19.6	10.8	11.1	8.9	8.5	3.6	-3.6	-3.7	Manufacture of particle board and fibreboard
-9.0	2.2	7.5	7.7	6.7	7.9	12.8	10.5	10.1	-1.0	-0.9	7.7	4.8	-1.4	Manufacture of builders' carpentry
-0.5	-9.1	-1.6	6.4	8.1	17.4	24.9	-3.4	-3.9	-11.5	-11.8	-9.7	-20.9	-10.1	Other industry
6.7	1.3	-1.7	1.1	0.8	2.7	6.8	0.5	-3.5	-4.1	0.7	0.4	-1.9	-1.1	Manufacture of paper and paper products
1.8	1.2	1.6	4.6	5.2	21.2	24.5	4.3	-3.5	-6.9	4.2	2.4	1.4	1.9	Manufacture of pulp, paper and paperboard
-0.6	-13.2	-11.5	-6.4	-7.4	1.9	8.7	3.2	-6.9	-9.2	-3.1	-4.7	-8.6	3.3	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-18.1	-9.2	-15.7	-1.7	-2.0	-7.8	-10.3	4.6	5.6	9.3	16.2	10.9	9.8	6.9	Manufacture of envelopes and letter-card
2.9	1.5	-0.9	-0.7	-3.0	-13.5	-11.2	-15.8	-10.6	-9.2	-9.3	-9.0	-3.3	-7.6	Manufacture of household and personal hygiene paper
24.8	25.6	2.2	5.5	5.7	-8.3	-10.0	0.2	0.6	3.9	11.6	12.7	-1.4	-12.8	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
40.9	27.3	27.7	22.4	24.9	29.7	35.9	23.3	18.6	19.7	13.2	16.5	13.7	11.0	Other industry
4.7	2.5	3.5	7.6	5.9	8.7	13.4	7.5	7.0	6.7	7.3	7.0	6.7	7.3	Printing, service activities related to printing and reproduction of recorded media
11.7	9.0	9.1	13.3	12.3	16.1	19.5	12.8	12.8	13.6	10.3	11.2	11.9	12.1	Printing
-16.4	-17.4	-15.9	-12.5	-15.8	-17.4	-9.3	-12.1	-16.5	-19.5	-4.9	-9.8	-14.4	-12.4	Service activities related to printing
														Reproduction of recorded media
-21.0	-8.8	-6.7	-5.2	-17.6	1.6	4.8	-7.5	-8.5	-7.0	-4.4	-2.4	-2.1	-6.2	Manufacture of refined petroleum products
-5.0	-9.1	-10.0	6.6	1.5	1.9	7.1	3.3	1.8	-2.2	0.4	6.8	10.7	4.1	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
-27.3	-19.5	5.1	28.2	25.6	44.8	47.0	44.4	57.3	32.9	33.2	56.0	46.8	52.0	Manufacture of liquefied or compressed inorganic industrial or medical gases
														Manufacture of basic organic chemicals
-7.5	-9.9	-12.0	14.0	11.8	1.8	11.6	6.2	6.9	3.8	6.4	13.5	21.1	1.4	Manufacture of inorganic compounds
														Manufacture of fertilizers
-40.2	-40.1	-27.1	-27.3	-33.6	-10.5	-15.8	-27.5	-27.6	-26.9	-18.5	-11.1	3.3	15.0	Manufacture of associated nitrogen products
10.6	1.4	-3.6	2.3	-6.7	0.9	0.5	2.5	-5.1	-9.9	-10.7	-5.7	-6.5	-4.0	Manufacture of plastics in primary forms
-0.7	-9.6	-10.6	3.1	4.4	5.3	14.6	3.3	10.3	6.9	14.8	14.6	9.6	34.9	Other industry
22.9	9.0	8.9	15.4	7.5	5.6	7.0	5.3	3.9	0.8	0.4	-5.6	-11.8	3.1	Manufacture of other chemical products and man-made fibres
3.2	12.3	-2.5	-1.6	2.8	-8.2	-10.8	-17.4	-14.5	-20.8	-22.5	-16.0	-20.0	-18.9	Manufacture of pesticides and other agrochemical products
54.3	30.6	30.5	33.0	14.7	9.0	13.0	5.7	5.1	5.5	9.7	-11.2	-18.2	0.2	Manufacture of paints, varnishes and similar coatings ink and mastics
9.1	1.5	10.9	18.2	5.8	-6.6	10.8	9.4	8.2	19.3	2.6	2.9	-13.4	-4.1	Manufacture of printing ink
23.7	-1.0	-4.8	7.1	-1.9	1.8	2.2	5.7	0.9	-4.1	-8.0	-11.3	-15.5	-0.7	Manufacture of soap and detergents, cleaning and polishing preparations
														Manufacture of perfumes and toilet preparations
														Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-2.1	-2.7	8.9	16.6	17.0	18.2	18.6	17.7	17.6	13.3	14.6	20.2	12.6	31.7	Manufacture of writing and drawing ink
														Manufacture of other chemical products n.e.c.
-8.2	-10.5	-18.2	-24.5	-3.7	8.9	-1.2	27.6	10.5	-4.8	-19.3	-16.6	-1.3	-1.9	Other industry
3.3	6.5	6.3	7.4	3.0	9.4	8.7	5.4	4.9	1.7	4.6	6.1	3.4	7.2	Manufacture of pharmaceuticals, medicinal chemical and botanical products
1.5	5.9	6.8	7.7	2.4	9.6	9.0	0.4	2.3	-2.1	0.9	1.0	3.6	7.1	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
11.8	9.4	4.2	6.2	6.1	8.4	7.6	27.3	16.1	18.1	22.3	29.3	2.7	7.8	Other industry
7.2	5.1	1.7	6.5	5.2	5.0	10.1	11.6	9.8	12.3	9.1	10.7	8.9	8.4	Manufacture of rubber products
-30.5	-30.9	-32.7	-18.1	-9.9	-10.9	-11.4	-6.2	-6.3	0.5	10.1	7.1	7.1	2.6	Manufacture of rubber tyres for vehicles
23.3	-4.9	-1.1	5.0	5.9	7.8	19.9	16.0	3.7	3.8	5.0	8.8	9.4	19.7	Manufacture of interchangeable tyre treads and retreading rubber tyres
8.4	6.3	6.2	14.2	12.5	9.2	20.6	22.6	17.5	6.5	9.2	10.9	-4.3	-4.8	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
														Rubber remilling and latex processing
8.2	7.4	2.6	6.6	4.4	4.3	10.1	11.4	10.1	15.5	10.6	13.0	12.8	12.0	Manufacture of rubber gloves
16.6	9.0	6.8	9.5	11.7	13.9	7.8	9.6	8.1	2.2	-0.6	-1.8	-1.8	-1.9	Manufacture of other rubber products n.e.c.
8.8	4.7	3.0	8.3	5.2	4.8	6.0	5.1	4.6	6.3	6.5	2.2	2.0	1.8	Manufacture of plastics products
2.0	-6.4	-3.2	0.3	-3.0	-3.9	-1.4	-1.3	-4.3	1.6	7.3	1.8	2.5	2.9	Manufacture of semi-manufactures of plastic products
														Manufacture of finished plastic products
7.3	6.6	6.2	13.3	10.6	10.8	10.9	9.6	10.4	9.3	4.2	1.3	1.2	0.1	Manufacture of plastic articles for the packing of goods
53.5	19.8	7.5	6.6	6.2	7.9	8.9	5.0	5.7	8.9	9.0	9.2	9.0	9.2	Manufacture of builders' plastics ware
0.7	4.0	-9.1	-3.9	-7.0	-9.2	3.2	2.9	2.8	6.4	10.1	3.3	2.1	2.4	Manufacture of plastic tableware, kitchenware and toilet articles
16.2	12.5	11.5	18.2	14.1	15.8	7.7	6.6	6.4	6.3	6.8	2.0	1.2	1.5	Manufacture of diverse plastic products n.e.c.
6.8	6.9	0.3	5.1	1.7	4.5	14.0	1.1	3.0	0.6	-5.3	-4.4	-9.8	-2.5	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				2025		2024	2025
		2023	2024												
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	(Jan. - Feb.)	(Jan. - Feb.)	
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	8.4	6.6	8.4	7.9	9.0	8.1	7.9	8.5	7.3	3.0	-32.6	8.2	2.4	
23911 & 23921	Pembuatan mortar refraktori dan konkrit Pembuatan seramik bukan refraktori	7.9	3.4	-7.5	13.3	17.8	12.6	5.2	-0.1	1.7	6.5	-26.4	7.4	10.1	
23930	Pembuatan produk porselin dan seramik lain	-7.0	-6.4	-2.8	-14.1	-9.7	-1.0	-13.5	-1.3	1.3	-11.3	-38.9	-14.5	-10.5	
23941	Pembuatan simen hidrolik	12.4	2.2	22.2	13.7	10.1	4.1	2.7	3.9	2.1	0.1	-34.2	1.4	1.4	
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	9.1	3.8	13.3	8.7	8.1	6.1	5.2	4.2	5.4	0.3	-33.1	4.9	1.7	
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.	7.3	13.0	0.7	6.1	10.8	12.3	17.1	15.4	12.3	7.3	-30.1	19.1	5.0	
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	4.7	10.3	8.3	-0.8	2.1	8.7	7.1	19.8	14.5	1.2	-38.4	5.0	-4.3	
	Industri lain	8.9	-6.2	5.4	15.9	9.2	5.9	-9.7	-13.5	-2.1	1.5	-32.7	-4.3	-2.4	
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	6.7	7.0	7.0	6.3	5.8	7.6	7.2	11.2	7.8	3.1	-35.2	6.9	0.1	
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1.0	4.4	2.6	0.5	-1.2	1.6	-0.4	9.8	7.9	1.9	-29.1	-1.0	8.3	
243	Pengacuan logam	7.6	10.9	6.3	5.7	13.8	4.9	20.0	12.9	7.4	4.3	-37.0	20.6	-4.8	
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	11.6	4.7	7.1	15.8	12.8	11.3	11.4	8.8	0.6	-2.1	-34.5	12.4	-2.0	
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam Pembuatan produk struktur logam lain	12.3	6.8	4.3	19.0	14.9	12.2	10.2	7.8	4.8	4.2	-31.9	11.4	1.1	
25120	Pembuatan tangki, takungan dan kontena daripada logam	10.4	1.4	14.3	7.6	9.0	10.9	17.7	14.3	-8.0	-16.2	-40.7	18.0	-9.1	
	Industri lain	7.0	-18.0	16.9	18.9	0.9	-6.4	-15.5	-18.6	-20.4	-17.7	-44.1	-13.7	-17.4	
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	6.6	14.3	5.7	1.7	8.8	10.2	13.7	17.5	15.5	10.7	-28.8	9.4	9.6	
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	5.3	3.3	7.9	6.1	4.3	3.2	2.8	3.2	3.4	3.7	-31.5	3.6	3.0	
25920	Rawatan dan penyalutan logam; menggunakan mesin	12.8	52.2	33.9	10.6	2.1	6.2	23.5	66.1	69.4	56.0	-9.6	6.5	47.5	
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.4	9.6	-6.9	2.8	9.0	22.3	26.0	17.3	-0.04	-2.2	-37.6	23.9	-5.1	
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam Pembuatan bolt, skru, nat dan produk uliran seumpamanya	-1.8	13.3	-9.9	-9.3	8.6	7.0	12.7	16.7	14.8	9.1	-29.5	8.8	8.2	
25994	Pembuatan barangan rumah daripada logam	13.2	8.9	17.4	15.2	7.5	13.1	11.2	12.5	6.0	6.0	-33.4	13.0	-2.5	
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	13.1	7.7	28.0	7.0	10.2	9.4	8.3	5.9	12.4	4.8	-30.3	4.5	6.7	
	Industri lain	43.8	21.3	39.4	45.1	52.0	39.6	18.0	23.7	24.9	18.9	-27.9	18.0	9.9	
261	Pembuatan komponen dan papan elektronik	2.5	3.3	16.5	7.4	-1.5	-9.4	-1.7	3.2	5.7	6.1	-33.8	-2.8	8.2	
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-2.9	4.4	5.7	-2.1	-2.5	-11.9	-2.0	6.4	6.8	6.8	-35.2	-4.6	8.2	
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik Pembuatan papan litar bercetak Pembuatan komponen paparan	8.4	-3.7	36.1	21.1	-3.7	-10.4	-7.5	-5.6	-0.8	-0.6	-33.9	-7.4	6.0	
26109	Pembuatan komponen lain untuk aplikasi elektronik	35.3	52.8	15.8	33.2	44.2	44.0	78.3	47.8	45.7	47.3	-19.4	88.9	22.3	
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	2.2	25.0	-2.6	-1.3	10.6	4.2	19.5	31.7	32.9	15.2	-26.7	16.7	11.3	
263/ 26300	Pembuatan peralatan komunikasi	41.7	23.3	10.8	50.0	69.7	37.6	32.5	25.3	18.8	19.4	-31.4	40.1	7.6	
264/ 26400	Pembuatan peralatan elektronik pengguna	-1.5	0.2	-9.3	-3.6	4.4	2.4	-3.2	5.8	2.7	-4.6	-42.6	0.3	-10.9	
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	3.1	22.8	2.9	1.1	0.1	7.9	12.8	28.2	27.2	23.4	-18.0	12.5	26.2	
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan Pembuatan kelengkapan kawalan proses perindustrian	4.5	26.1	4.0	4.4	0.4	8.7	13.3	31.8	32.4	27.2	-17.8	12.9	26.7	
26520	Pembuatan jam tangan dan jam dan bahagiannya	-6.5	-3.5	-6.6	-19.3	-2.6	1.3	8.6	-0.1	-11.2	-7.6	-19.4	8.4	21.1	
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	4.6	6.8	27.8	-8.0	-4.6	8.7	25.5	9.8	0.2	-5.2	-30.7	32.9	3.5	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
12.7	3.9	7.2	10.2	8.0	7.0	10.4	7.5	4.2	4.2	1.8	3.0	2.2	2.6	Manufacture of non-metallic mineral products n.e.c.
														Manufacture of refractory mortars and concretes
13.5	1.5	1.0	1.2	-0.01	-1.6	3.2	6.4	-3.8	2.6	3.5	13.2	4.0	16.7	Manufacture of non-refractory ceramic
-15.0	-14.1	-11.1	-2.5	-3.3	2.1	6.4	-1.1	-1.4	-9.5	-11.3	-13.0	-13.3	-7.6	Manufacture of other porcelain and ceramic products
2.7	0.1	5.0	5.5	3.5	2.6	3.6	1.4	1.2	1.4	-2.9	2.1	1.2	1.6	Manufacture of hydraulic cement
9.1	0.8	5.7	10.4	1.3	0.9	4.0	6.9	5.1	5.3	-2.0	-1.7	1.6	1.8	Manufacture of ready-mix and dry-mix concrete and mortars
														Manufacture of precast concrete, cement or artificial stone articles for use in construction
27.0	11.5	13.3	17.7	13.8	14.4	15.9	11.8	9.4	8.3	7.6	6.1	5.0	5.1	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
														Manufacture of other articles of concrete, cement and plaster n.e.c.
9.6	1.0	11.1	11.0	29.1	19.9	29.0	14.3	1.9	1.2	1.9	0.5	-1.2	-7.3	Manufacture of other non-metallic mineral products n.e.c.
-5.0	-3.6	-19.8	-10.6	-13.5	-16.5	4.6	-2.3	-8.2	-1.2	1.3	4.4	-4.1	-0.6	Other industry
5.9	7.9	7.7	14.7	11.0	7.3	11.2	7.8	5.4	8.6	1.1	-0.3	0.5	-0.3	Manufacture of basic iron and steel
1.3	-3.2	0.8	5.1	7.5	20.1	21.4	8.2	-0.2	-4.0	4.5	5.2	3.8	12.9	Manufacture of basic precious and other non-ferrous metals
23.1	18.1	18.8	28.1	13.6	-2.4	7.9	5.2	9.3	4.8	3.9	4.2	-6.1	-3.5	Casting of metals
10.4	14.5	9.5	11.8	5.2	9.5	0.1	1.3	0.2	-2.1	-3.7	-0.6	-2.6	-1.5	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
11.4	11.3	7.8	10.7	4.7	8.1	5.2	3.0	6.3	4.7	1.8	6.1	0.8	1.4	Manufacture of metal doors, windows and their frames, shutters and gates
10.2	27.5	17.0	17.3	8.9	16.4	-9.4	-0.6	-13.6	-16.5	-15.8	-16.2	-10.0	-8.1	Manufacture of tanks, reservoirs and containers of metal
-13.3	-14.1	-19.1	-15.3	-17.6	-22.9	-22.4	-22.5	-15.8	-16.6	-18.8	-17.7	-20.5	-14.0	Other industry
14.0	4.8	22.8	21.4	13.7	17.1	16.0	16.6	14.1	12.6	10.5	9.1	7.8	11.5	Manufacture of other fabricated metal products; metal working service activities
4.6	2.5	1.5	4.8	2.1	2.6	3.3	3.8	3.1	4.1	3.2	3.8	2.6	3.5	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
5.9	7.1	65.1	60.0	56.7	82.0	55.3	80.8	73.2	62.3	64.7	43.7	44.5	50.7	Treatment and coating of metals; machining
31.8	16.1	30.1	30.9	13.9	7.3	2.8	-1.4	-1.2	1.5	-3.9	-3.8	-6.5	-3.6	Manufacture of tins and cans for food products, collapsible tubes and boxes
														Manufacture of metal cable, plaited bands and similar articles
11.0	6.5	20.9	22.6	13.4	14.1	13.6	19.0	11.8	8.7	8.9	9.8	8.9	7.5	Manufacture of bolts, screws, nuts and similar threaded products
12.3	13.8	7.3	7.2	8.4	22.7	2.5	8.0	7.6	2.3	8.3	7.5	-2.9	-2.1	Manufacture of metal household articles
16.3	-7.0	16.3	8.6	2.1	6.7	17.6	9.7	10.1	8.0	3.1	3.4	1.8	12.8	Manufacture of any other fabricated metal products n.e.c.
16.1	19.8	18.1	20.9	18.9	32.0	32.1	23.8	19.4	21.0	19.1	16.6	9.8	9.9	Other industry
-2.3	-3.3	0.1	-2.3	9.1	2.8	2.1	7.7	6.9	0.1	10.2	8.5	8.2	8.2	Manufacture of electronic components and boards
														Manufacture of diodes, transistors and similar semiconductor devices
-6.6	-2.8	2.3	2.2	11.7	5.4	2.1	10.0	8.0	1.2	12.0	7.8	7.5	8.7	Manufacture of electronic integrated circuits micro assemblies
														Manufacture of electrical capacitors and resistors
-3.9	-10.1	-7.8	-11.3	-0.03	-5.1	-2.7	0.1	-0.05	-7.9	3.3	3.5	7.5	4.8	Manufacture of printed circuit boards
														Manufacture of display components
94.4	83.5	60.8	37.8	65.5	40.4	43.8	45.4	47.4	46.9	45.1	49.9	18.1	26.6	Manufacture of other components for electronic applications
15.5	17.8	25.3	29.4	29.2	37.1	40.4	31.5	24.0	15.9	10.6	18.7	14.1	8.7	Manufacture of computers and peripheral equipment
42.1	38.2	20.9	8.1	46.2	21.7	31.8	24.9	4.5	19.1	30.4	10.1	10.3	5.0	Manufacture of communication equipment
0.9	-0.3	-8.9	-9.6	10.8	15.6	10.7	8.6	-9.1	-3.3	-8.8	-1.1	-14.6	-7.4	Manufacture of consumer electronics
8.1	17.5	13.5	21.7	38.0	25.2	24.6	35.1	22.6	22.1	25.6	22.6	24.0	28.5	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
														Manufacture of measuring, testing, navigating and control equipment
8.3	18.3	14.0	23.9	41.6	29.6	30.1	40.7	27.2	26.7	29.4	25.7	24.3	29.3	Manufacture of industrial process control equipment
6.4	10.6	9.1	4.0	8.3	-10.3	-13.0	-5.5	-14.8	-14.1	-4.3	-3.9	21.3	20.8	Manufacture of watches and clocks and parts
48.4	17.8	12.9	13.4	26.2	-8.1	2.0	1.3	-2.5	-7.3	-7.1	-1.0	-4.3	13.1	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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2025		2024	2025
		2023	2024												
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		(Jan. - Feb.)	(Jan. - Feb.)
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	24.2	14.4	26.0	20.2	22.7	27.7	33.4	11.2	-0.1	16.1	-29.6	38.9		7.4
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	11.9	2.5	9.0	5.8	20.9	10.9	4.3	4.1	-2.2	4.8	-32.2	6.7		1.2
	27101 Pembuatan motor elektrik, penjana dan transformer	-4.6	3.7	-9.8	-18.4	6.9	2.9	2.1	5.0	2.4	5.6	-37.4	2.9		-7.8
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	19.7	2.0	18.6	18.2	27.2	14.4	5.2	3.8	-4.0	4.5	-30.3	8.2		4.6
272/ 27200	Pembuatan bateri dan akumulator	-3.4	11.7	29.0	25.1	-26.0	-19.6	-3.6	0.2	48.1	6.5	-7.8	-5.5		36.1
273	Pembuatan pendawaian dan peranti pendawaian	-8.7	-1.8	-9.5	-12.8	-8.0	-4.3	-6.8	-1.5	-0.3	1.5	-34.7	-4.9		-4.7
	27310 Pembuatan kabel gentian optikal	27.3	-7.7	23.6	28.7	39.6	17.4	4.7	-5.9	-15.9	-12.6	-49.0	8.7		-25.5
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	-9.7	-2.1	-9.3	-13.5	-9.9	-5.5	-8.4	-2.4	0.8	1.8	-34.3	-6.7		-4.3
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-14.4	7.6	-25.6	-23.3	-5.0	2.2	11.0	14.8	-3.2	8.3	-29.5	14.9		5.0
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	9.4	20.5	9.3	1.2	17.2	8.9	16.5	13.5	20.2	30.1	-20.8	20.6		15.7
275/ 27500	Pembuatan perkakasan domestik	-3.9	2.0	2.8	-0.3	-3.0	-14.1	3.1	1.7	1.1	2.1	-36.1	4.2		-2.1
279/ 27900	Pembuatan kelengkapan elektrik lain	15.2	-13.4	10.3	24.7	20.7	6.6	-6.5	-16.1	-16.7	-13.7	-33.7	-4.6		-1.6
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-1.9	3.8	4.9	-2.3	-8.1	-1.3	1.9	3.2	3.0	6.6	-26.3	2.5		9.8
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	-10.5	-4.2	12.7	-21.2	-26.3	0.3	2.0	-0.8	-4.0	-10.9	-32.8	3.6		-7.0
	28180 & 28220 Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.8	12.5	6.5	-8.6	-8.3	0.7	13.9	16.5	11.4	8.7	-22.1	11.5		17.4
	28192 Pembuatan jentera pembentukan logam dan alatan mesin	-16.3	7.4	-21.7	-17.5	-22.8	-1.5	2.9	2.4	12.9	12.6	-26.9	5.4		8.4
	28290 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-1.7	-11.2	36.7	10.5	-18.7	-20.0	-23.0	-11.0	-10.8	1.0	-31.4	-22.0		4.1
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	14.3	4.9	12.5	16.8	17.0	11.1	8.7	3.0	-0.2	8.3	-25.6	9.1		10.6
291 (29101 & 29102)	Pembuatan kenderaan bermotor	15.0	2.6	25.1	5.5	17.5	12.5	16.4	20.8	1.9	-18.6	-49.5	24.8		-27.7
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	9.3	-10.2	5.8	-1.3	26.9	10.3	-25.4	-19.3	-3.1	5.7	-10.6	-26.7		42.7
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	12.6	5.3	14.1	10.8	12.1	13.3	9.3	5.3	5.3	1.7	-38.3	15.4		-9.3
301 (30110 & 30120)	Pembinaan kapal dan bot	11.8	3.4	26.2	31.3	-1.9	-4.7	-9.2	-2.6	6.0	21.6	-21.3	-11.5		28.1
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	-2.4	1.2	-3.7	-6.3	0.2	-0.1	9.2	6.1	-0.1	-8.5	-42.5	12.2		-12.3
	30910 Pembuatan motosikal	5.6	10.2	11.7	-3.2	10.3	5.1	31.1	17.3	0.4	-2.7	-38.0	36.0		-9.5
	30920 Pembuatan basikal dan invalid carriages	-19.2	-0.9	-6.5	-15.3	-26.6	-26.7	-8.8	-4.9	4.7	6.8	-34.8	-10.5		-0.1
	Industri lain	3.0	-2.6	-8.4	-2.5	11.2	12.4	7.4	5.8	-2.4	-17.1	-48.4	12.0		-19.4
310	Pembuatan perabot	0.2	8.4	-5.7	-1.9	-1.4	9.8	12.6	10.5	7.0	3.9	-33.4	11.2		3.0
	31001 Pembuatan perabot kayu dan rotan	-1.4	10.8	-9.5	-1.4	-2.6	9.2	15.1	15.1	7.5	6.0	-33.3	11.8		5.2
	Industri lain	1.8	6.0	-1.5	-2.4	-0.1	10.3	10.0	6.1	6.4	1.9	-33.4	10.6		0.7
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.4	19.6	6.4	-8.1	-7.3	5.7	12.9	17.4	33.6	15.6	-21.5	11.2		17.0
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	12.8	-8.7	4.3	18.3	17.7	10.6	-0.6	-3.8	-17.9	-11.4	-36.1	0.4		-4.9
	32901 Pembuatan alat tulis	6.1	5.2	14.6	11.0	-3.9	4.8	-4.9	7.0	9.2	9.6	-28.9	-7.5		9.0
	Industri lain	14.9	-12.9	1.2	20.7	25.6	12.4	0.8	-7.1	-25.6	-17.5	-38.4	3.0		-9.2
323/ 32300	Pembuatan barangan sukan	15.5	-4.0	16.6	30.6	11.7	4.1	4.6	-2.6	-7.2	-11.9	-37.9	8.7		-5.5
324/ 32400	Pembuatan permainan dan mainan	-15.1	15.1	-28.1	-6.5	-5.1	-18.1	-6.3	3.6	42.6	26.7	-25.5	-9.1		21.6
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	7.3	4.7	7.4	11.5	10.6	1.4	4.7	7.1	4.1	3.3	-33.7	3.2		5.3
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7.9	14.6	10.2	9.3	9.2	4.0	12.0	19.3	11.9	15.6	-29.1	11.0		16.6
	Industri lain	6.9	-1.1	5.9	12.8	11.5	-0.1	0.6	0.2	-0.7	-4.2	-36.7	-1.0		-1.6
Jumlah Pembuatan		0.2	4.6	8.2	-1.0	-2.9	-2.7	1.8	5.7	6.5	4.4	-32.0	1.9		4.1

2024												2025		Group Description/Period	
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.		
44.7	33.2	24.0	18.5	16.6	-0.6	1.5	-0.8	-0.9	19.9	14.1	14.5	7.0	7.9	Manufacture of optical instruments, photographic equipment, magnetic and optical media	
8.6	4.7	-0.1	7.6	7.7	-2.5	-2.3	-2.9	-1.5	7.4	3.1	3.6	0.1	2.4	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
4.9	0.8	0.3	6.4	6.9	1.8	2.6	0.7	3.9	12.0	1.6	2.3	-10.0	-5.2	Manufacture of electric motors, generators and transformers	
10.1	6.2	-0.2	8.1	8.0	-3.9	-4.0	-4.3	-3.6	5.6	3.6	4.1	4.1	5.2	Manufacture of electricity distribution and control apparatus	
-6.7	-4.0	0.6	-1.2	8.0	-5.4	64.6	49.1	35.3	8.5	8.7	2.1	33.8	38.7	Manufacture of batteries and accumulators	
1.6	-11.3	-10.6	-4.6	6.1	-5.9	0.6	-1.3	-0.1	3.2	1.0	0.2	-5.7	-3.4	Manufacture of wiring and wiring devices	
8.2	9.3	-3.2	-1.2	-5.3	-10.6	-25.1	-12.5	-8.7	-17.1	-5.6	-14.3	-24.4	-26.6	Manufacture of fibre optic cables	
0.2	-13.6	-12.0	-6.2	5.9	-6.7	2.1	-0.3	0.7	4.0	0.8	0.4	-5.6	-2.8	Manufacture of other electronic and electric wires and cables	
19.6	10.3	3.7	17.6	17.0	9.9	0.7	-4.9	-5.0	5.7	8.8	10.3	5.4	4.7	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material	
26.1	15.2	8.4	19.4	17.0	4.8	10.4	25.3	24.4	32.3	21.8	36.8	10.3	21.5	Manufacture of electric lighting equipment	
4.6	3.7	1.1	1.5	1.4	2.1	5.1	-1.0	-0.4	2.0	2.1	2.2	-2.8	-1.4	Manufacture of domestic appliances	
2.2	-11.6	-10.1	-15.8	-16.2	-16.2	-16.8	-14.3	-18.8	-14.2	-19.6	-6.9	-1.0	-2.2	Manufacture of other electrical equipment	
3.3	1.6	0.7	4.6	2.4	2.7	5.6	2.8	0.7	3.3	7.2	9.2	9.0	10.6	Manufacture of general-purpose and special-purpose machinery	
														Manufacture of fluid power equipment	
8.6	-1.4	-2.0	-4.8	0.8	1.6	8.5	8.9	-20.4	-20.9	-10.7	-1.3	-4.0	-10.3	Manufacture of other pumps, compressors, taps and valves	
														Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives	
11.8	11.1	19.0	18.9	15.0	15.6	16.5	12.6	5.6	8.8	8.4	8.8	11.3	23.7	Manufacture of metal-forming machinery and machine tools	
5.9	4.9	-1.8	-0.1	-1.6	10.3	13.0	13.2	12.6	15.6	12.4	10.3	9.0	7.8	Manufacture of air-conditioning machines, including for motor vehicles	
-19.8	-24.3	-25.0	-12.2	-3.4	-16.6	-15.0	-5.5	-10.8	-11.0	5.8	8.3	8.7	-1.1	Manufacture of other special-purpose machinery n.e.c.	
9.0	9.2	7.8	10.9	-0.5	-0.6	5.1	-6.6	1.9	5.4	7.9	11.6	9.8	11.3	Other industry	
29.4	19.6	0.8	43.0	23.0	-0.6	6.3	18.7	-17.2	-10.9	-24.2	-19.6	-30.7	-24.0	Manufacture of motor vehicles	
-25.1	-28.4	-23.2	-26.9	-26.4	-1.4	-2.1	-7.3	0.02	3.2	7.3	6.6	62.3	20.4	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	
16.9	13.9	-1.7	16.3	10.8	-10.2	7.5	5.5	2.9	5.2	-0.8	1.0	-9.7	-8.9	Manufacture of parts and accessories for motor vehicles	
-12.3	-10.6	-5.3	-6.1	3.1	-3.1	10.5	7.2	1.6	1.6	34.6	33.2	34.1	22.3	Building of ships and boats	
13.9	10.4	3.8	8.1	5.6	4.7	-0.02	-0.8	0.5	-0.2	-13.2	-11.1	-14.6	-9.8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c	
41.4	30.3	21.5	22.3	22.6	8.0	5.2	2.9	-7.1	-0.7	-0.5	-6.6	-14.7	-3.4	Manufacture of motorcycles	
-4.3	-17.0	-5.5	-7.3	-7.1	-0.1	1.5	6.4	6.3	6.4	6.9	7.1	-2.1	2.3	Manufacture of bicycles and invalid carriages	
9.2	15.0	0.2	8.7	3.4	5.2	-3.8	-6.0	2.3	-2.5	-26.0	-20.4	-20.3	-18.4	Other industry	
13.0	9.2	15.3	16.1	8.3	6.3	5.4	8.7	6.8	5.3	2.6	3.9	1.4	4.7	Manufacture of furniture	
13.7	9.8	21.5	22.1	15.6	5.7	5.5	10.0	6.9	6.3	3.7	7.9	5.2	5.1	Manufacture of wooden and cane furniture	
12.4	8.6	8.8	10.3	1.9	6.8	5.3	7.2	6.6	4.3	1.4	0.1	-2.5	4.3	Other industry	
12.4	9.8	16.7	18.2	12.7	21.6	47.0	38.8	19.6	20.6	12.6	14.0	17.0	17.0	Manufacture of jewellery, bijouterie and related articles	
1.6	-0.9	-2.6	-1.7	-2.7	-7.3	-16.1	-21.8	-15.7	-16.7	-9.2	-8.0	-4.9	-4.9	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.	
-4.7	-10.3	0.4	4.9	4.7	11.6	13.3	5.1	9.7	10.4	9.1	9.2	7.6	10.6	Manufacture of stationery	
3.8	2.3	-3.6	-3.7	-4.9	-13.1	-24.6	-29.7	-22.3	-24.4	-14.3	-13.3	-9.0	-9.4	Other industry	
10.9	6.3	-2.4	-1.7	-2.6	-3.8	-12.4	4.1	-12.0	-20.4	-8.0	-7.5	-8.5	-2.3	Manufacture of sports goods	
-15.9	-1.2	-1.5	-9.2	-6.3	37.8	57.3	44.4	28.6	21.9	30.2	29.0	24.9	18.2	Manufacture of games and toys	
3.4	3.0	7.4	5.6	7.3	9.2	4.8	5.3	2.6	4.9	1.8	3.4	4.8	5.8	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment	
9.2	12.8	13.7	14.0	23.0	24.8	15.5	12.4	9.3	12.8	15.9	18.2	17.9	15.4	Repair and maintenance of transport equipment except motorcycles and bicycles	
0.3	-2.2	3.4	-0.03	-0.8	1.5	-0.8	1.0	-1.9	-0.03	-6.9	-5.4	-2.9	-0.1	Other industry	
3.2	0.7	1.4	5.7	5.5	5.9	9.1	7.7	2.9	3.0	4.5	5.7	3.5	4.7	Total Manufacturing	

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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
101	Pemprosesan dan pengawetan daging	-0.5	5.5	-2.8	-0.1	3.3	3.2	0.1	4.6	5.9	2.6
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	0.7	2.6	4.4	1.0	-4.6	0.2	-0.4	1.5	4.5	-10.8
	10201 Pengetinan ikan, krustasea dan moluska										
	&										
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	0.2	2.6	4.7	0.3	-4.9	0.1	-0.5	1.5	4.7	-11.4
	Industri lain	7.4	1.3	-0.4	11.7	-0.3	1.5	0.2	2.2	2.0	-2.6
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10.3	16.0	3.3	1.7	1.5	3.8	-0.8	0.5	8.3	-6.8
	10303 Pengetinan nanas										
	&										
	10304 Pembuatan jem, marmalad dan sajian jeli	8.4	28.3	3.2	4.1	-1.5	2.3	1.5	4.4	6.2	-5.1
	Industri lain	10.9	12.6	3.3	0.9	2.5	4.3	-1.5	-0.7	9.0	-7.3
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	-21.1	0.8	8.1	10.1	-16.8	10.5	15.0	9.0	1.1	-23.5
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	&										
	10406 Pembuatan sebatian lemak masakan	-4.9	5.1	1.1	-2.3	-1.9	-7.0	16.1	5.7	5.4	-12.6
	10405 Pembuatan minyak kelapa	-20.3	-13.8	13.2	10.2	9.1	0.5	18.6	7.6	-0.3	5.3
	Industri lain	-23.1	0.3	9.1	11.9	-18.9	13.2	14.8	9.4	0.5	-25.3
105	Pembuatan produk tenusu	0.2	4.1	-7.8	0.2	-2.8	2.0	2.4	5.1	0.05	0.5
	10502 Pembuatan susu pekat, tepung dan sejat	0.7	3.8	-9.2	0.1	-3.3	0.8	1.4	6.1	-1.1	1.3
	Industri lain	-6.5	7.8	13.8	0.7	2.8	16.2	12.2	-3.9	13.1	-7.4
106	Pembuatan produk bijian, kanji dan produk berkanji	1.5	1.6	-1.3	2.1	3.6	6.0	1.5	1.7	5.8	-6.5
	10611 Pengilangan beras	2.4	3.6	-4.8	-0.3	4.9	10.5	2.0	-1.6	3.4	-5.8
	10613 Pengilangan tepung	1.7	0.2	2.2	4.2	2.3	2.0	1.7	5.2	7.8	-7.2
	Industri lain	-13.8	-7.1	2.7	5.7	5.8	2.0	-8.9	0.2	9.3	-6.9
107	Pembuatan produk makanan lain	0.9	4.6	1.8	4.3	-0.1	5.6	2.1	5.6	1.6	-3.4
	10711 Pembuatan biskut dan cookies	-1.0	13.5	11.3	12.5	-9.9	4.8	6.3	5.0	-7.9	-9.1
	10712 Pembuatan roti, kek dan produk bakeri lain	10.0	6.0	-3.1	-5.2	3.5	5.8	6.2	4.4	7.2	-6.0
	10713 Pembuatan produk snek	-4.6	14.1	7.9	11.2	3.4	10.5	-3.8	2.2	6.3	-11.7
	10721 Pembuatan gula	-0.6	16.0	9.1	9.4	-7.6	6.5	2.7	5.9	-4.9	0.8
	10731 Pembuatan produk koko	2.1	-3.8	2.1	7.5	16.3	21.4	5.4	18.5	18.3	1.2
	10732 Pembuatan coklat dan produk coklat										
	&										
	10733 Pembuatan konfeksi gula	-1.4	0.2	-2.4	4.9	0.3	5.1	-2.3	5.3	-2.5	0.4
	10793 Pembuatan sos dan bahan perasa	-1.5	1.0	8.0	8.2	-0.9	6.0	-5.4	8.1	-0.5	-2.7
	10799 Pembuatan produk makanan lain t.t.t.l.	-6.3	-1.8	3.1	11.1	-7.3	-4.2	6.7	7.6	-2.2	-3.9
	Industri lain	0.8	5.2	2.6	1.2	2.4	3.4	0.2	0.04	4.4	-3.7
108/ 10800	Pembuatan makanan haiwan tersedia	2.9	14.8	2.9	-5.1	-3.5	5.1	-2.0	-2.2	4.0	-1.1
110	Pembuatan minuman ringan	-1.4	-2.3	4.9	4.7	-1.1	-0.4	6.0	7.2	2.4	-2.2
	11041 Pembuatan minuman ringan	-4.3	-1.2	9.7	5.0	-2.4	0.2	11.1	6.7	-0.4	-5.6
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	3.1	3.1	8.0	-6.2	-2.4	1.2	8.1	4.8	0.1	4.7
	Industri lain	2.0	-5.4	-3.4	7.7	1.5	-1.7	-2.9	8.8	8.3	1.5
120/ 12000	Pembuatan produk tembakau	29.1	-16.7	-19.0	25.1	29.4	-14.7	-20.6	17.4	27.3	-0.6
131	Pemintalan, penenunan dan penyiapan tekstil	-8.9	0.3	-6.9	-1.3	8.4	7.2	-10.3	-2.7	12.1	-8.3
	13110 Penyediaan dan pemintalan gentian tekstil										
	&										
	13120 Penenunan tekstil	-5.6	-0.8	-11.1	-4.3	11.2	7.0	-11.2	-2.4	12.5	-9.2
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-18.9	4.4	7.2	7.4	1.4	8.4	-8.3	-3.9	10.8	-6.2
	Industri lain	-12.1	-12.8	-1.5	-13.0	13.5	-22.2	9.4	8.9	26.8	13.4
139	Pembuatan tekstil lain	7.1	-2.5	0.5	8.6	8.7	-3.7	-1.2	3.0	9.8	-1.8
	13910 Pembuatan fabrik dikait dan dikrusye	-0.3	-2.6	-4.1	3.6	9.1	-2.3	-0.2	-4.3	10.0	-0.9
	Industri lain	13.0	-2.4	3.7	11.8	8.5	-4.5	-1.8	7.5	9.6	-2.4
141	Pembuatan pakaian, kecuali pakaian berbulu	2.6	-6.1	0.6	7.2	2.7	-7.7	3.8	0.7	5.1	-7.6
	14102 Pembuatan pakaian	0.7	-4.1	1.0	6.4	1.2	-8.5	3.5	0.2	4.3	-9.1
	Industri lain	16.6	-18.9	-2.8	13.4	14.4	-2.4	5.3	3.9	12.2	3.2
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	9.8	-10.0	3.5	19.1	9.4	-14.7	2.9	2.1	14.1	1.3
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-7.8	-13.6	6.2	25.2	-7.2	-16.7	16.7	27.7	-2.6	-3.3
152	Pembuatan kasut	2.9	-2.5	2.6	11.4	-3.9	-9.0	-6.3	5.7	1.6	-10.2
	15201 Pembuatan kasut kulit										
	&										
	15203 Pembuatan kasut getah	-1.4	-2.4	6.1	14.1	-4.4	-11.4	-1.0	8.9	0.6	-12.0
	Industri lain	11.7	-2.7	-3.6	5.9	-2.7	-3.9	-16.6	-1.4	3.8	-6.4
161/ 16100	Pengilangan dan pengetaman kayu	7.7	-29.9	5.8	16.1	6.1	-27.3	2.7	15.6	10.8	-11.9

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
-0.8	2.5	2.4	-3.8	-0.4	1.9	2.8	2.7	3.7	-9.1	7.5	-18.2	Processing and preserving of meat
3.8	0.7	2.3	-1.9	-0.7	0.3	1.6	0.8	-0.8	0.5	3.0	-0.04	Processing and preserving of fish, crustaceans and molluscs
4.3	1.1	1.5	-2.2	-0.1	-0.2	2.3	0.5	-1.0	0.7	3.0	-0.7	Canning of fish, crustaceans and molluscs
-3.3	-4.8	13.8	2.1	-7.5	7.4	-6.7	3.9	1.7	-1.3	3.5	8.8	Processing, curing and preserving of fish, crustacean and molluscs
3.9	1.8	4.1	-2.8	0.8	-1.7	0.1	4.9	-4.3	-2.5	1.8	0.3	Other industry
7.3	-4.1	6.6	-2.1	0.3	-3.2	8.2	4.3	-1.4	-9.3	-9.1	-5.5	Processing and preserving of fruits and vegetable
2.9	3.7	3.4	-3.0	1.0	-1.2	-2.4	5.0	-5.3	-0.1	5.3	1.9	Pineapple canning
-3.3	20.4	4.3	2.1	7.1	8.5	-3.2	9.7	-2.4	1.4	-4.0	-18.6	Manufacture of jams, marmalades and table jellies
1.3	-10.1	6.1	9.6	1.1	7.4	3.5	1.0	-3.9	7.7	6.0	-13.1	Other industry
-3.6	-11.9	20.0	3.9	13.5	-6.4	1.7	3.4	9.8	-3.6	-2.1	-0.5	Manufacture of vegetable and animal oils and fats
-4.0	25.8	4.0	1.2	7.8	8.8	-4.0	10.9	-2.3	0.7	-5.3	-19.5	Manufacture of crude and refined vegetable oil
6.8	-1.7	2.0	-6.2	1.5	8.9	-3.4	0.4	9.3	-5.5	-0.8	-2.1	Manufacture of compound cooking fats
7.4	-2.2	0.4	-6.9	1.4	9.6	-4.4	1.2	10.3	-5.7	-1.1	-2.3	Manufacture of coconut oil
0.3	4.9	19.8	0.8	1.7	2.7	5.3	-6.6	-0.7	-3.0	2.3	0.1	Other industry
12.2	-1.5	4.4	-2.5	-1.9	3.9	3.3	1.0	-3.0	-2.0	-0.1	1.5	Manufacture of dairy products
20.0	-1.3	4.8	-4.9	0.3	3.1	4.2	-1.8	-5.3	0.3	-2.2	3.3	Manufacture of condensed, powdered and evaporated milk
5.3	-2.0	4.7	-0.1	-3.8	4.9	2.7	4.0	-1.0	-4.3	1.9	0.2	Other industry
9.4	2.5	-6.0	0.1	-5.9	-0.5	-2.7	0.5	2.0	1.2	2.9	-6.5	Manufacture of grain mill products, starches and starch products
5.3	0.8	6.1	-4.7	-0.08	4.3	1.7	3.4	-0.2	-0.6	1.8	-0.6	Rice milling
11.6	-0.2	1.4	-0.2	6.3	-1.7	2.4	7.5	-5.1	0.2	-8.3	-4.4	Flour milling
4.7	4.2	2.8	-3.8	2.6	6.8	1.8	-0.5	0.8	2.7	6.3	-1.4	Other industry
16.4	-0.03	10.1	-6.6	0.5	-4.4	-0.1	6.7	-4.2	0.3	-7.1	1.9	Manufacture of other food products
2.4	0.4	10.3	-7.3	0.5	3.1	6.0	4.6	-1.5	-7.5	-1.1	2.0	Manufacture of biscuits and cookies
-2.8	6.0	27.3	-4.6	-5.0	13.1	-6.4	19.9	-1.3	0.5	-1.4	3.0	Manufacture of bread, cakes and other bakery products
8.7	-1.3	5.7	-9.1	-1.2	6.0	-1.4	2.3	2.4	0.8	3.9	-3.4	Manufacture of snack products
1.6	4.5	1.5	0.9	-10.9	3.9	7.3	1.2	3.0	-3.7	-4.8	-0.8	Manufacture of sugar
-1.1	-1.5	0.7	-3.4	-1.1	10.1	9.4	-0.7	1.1	-4.6	8.1	-1.5	Manufacture of cocoa products
5.7	-1.5	4.1	-0.9	0.5	-2.3	1.5	1.1	-1.4	-0.8	1.7	2.4	Manufacture of chocolate and chocolate products
8.2	-0.8	4.8	-6.4	2.7	-0.2	-5.0	0.8	4.3	-7.0	3.5	-3.5	Manufacture of sugar confectionery
9.4	0.2	-6.9	-3.2	8.1	6.0	-3.4	10.6	-4.2	0.3	-4.0	-1.4	Manufacture of sauces and condiments
12.2	2.3	-10.9	-0.8	14.6	3.2	-2.0	13.9	-9.1	0.1	-7.7	6.4	Manufacture of other food products n.e.c.
3.0	1.9	-5.4	-1.7	11.6	1.2	-2.9	6.1	0.5	0.1	-0.1	9.8	Other industry
7.0	-3.6	-0.7	-7.4	-3.8	13.3	-5.9	5.9	3.9	0.7	1.2	-17.4	Manufacture of prepared animal feeds
20.3	-18.6	3.0	-25.8	1.0	-1.3	-9.7	31.5	-4.7	-2.2	24.4	-1.3	Manufacture of beverages
1.8	4.8	10.3	-7.4	-2.7	0.3	-18.7	8.4	3.6	2.8	9.1	-9.2	Manufacture of soft drinks
6.0	5.0	4.4	-4.7	-2.4	-1.3	-19.6	11.1	2.7	2.5	12.8	-10.6	Production of natural mineral waters and other bottled waters
-8.4	4.2	28.3	-14.1	-3.5	4.4	-16.3	1.5	6.2	3.5	-0.9	-5.3	Other industry
-27.3	-9.7	5.8	-2.1	9.7	10.7	-21.3	28.5	-5.6	0.9	14.0	4.6	Manufacture of tobacco products
0.5	-4.7	1.7	0.7	-1.2	0.2	-3.4	1.9	4.6	0.6	-4.1	-1.9	Spinning, weaving and finishing of textiles
0.8	-2.6	-0.1	0.6	0.8	4.3	-11.9	-1.6	7.1	-0.6	3.7	-0.5	Preparation and spinning of textile fibres
0.3	-5.9	2.8	0.7	-2.4	-2.3	2.4	4.0	3.2	1.3	-8.4	-2.9	Weaving of textiles
10.8	-8.7	-0.8	-7.7	15.6	-7.5	0.1	3.4	0.8	-1.5	7.6	-5.5	Dyeing, bleaching, printing and finishing of yarns and fabrics
11.3	-7.8	-2.8	-8.2	16.7	-7.5	-0.1	4.4	-1.3	-1.5	9.0	-5.2	Other industry
7.4	-14.5	14.1	-4.3	9.3	-7.9	1.1	-2.9	14.7	-1.4	-0.9	-6.9	Manufacture of other textiles
4.1	-12.0	-4.3	-9.6	12.1	-0.5	0.2	4.5	2.5	-11.6	14.7	1.3	Manufacture of knitted and crocheted fabrics
4.6	-15.1	-1.9	-7.5	6.7	16.9	12.2	9.7	7.4	-5.4	-3.2	-7.6	Other industry
0.3	-3.9	-2.5	-0.9	-4.6	2.6	-6.2	2.3	10.4	0.1	-3.5	1.8	Manufacture of wearing apparel, except fur apparel
3.7	-9.5	-1.8	3.1	-3.8	6.1	-7.3	3.9	12.7	-1.0	-3.1	1.3	Manufacture of clothings
-6.6	8.5	-3.7	-8.3	-6.4	-4.8	-3.4	-1.6	4.7	3.0	-4.5	3.2	Other industry
23.4	-16.9	-23.7	-18.0	4.0	42.8	-6.0	10.0	-2.4	0.1	5.5	-1.1	Manufacture of articles of fur, knitted and crocheted apparel
												Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
												Manufacture of footwear
												Manufacture of leather footwear
												Manufacture of rubber footwear
												Other industry
												Sawmilling and planning of wood

Jadual **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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2.5	-35.0	8.3	30.5	10.4	-31.7	10.8	24.6	13.2	-6.4
16211	Pembuatan kepingan venier dan papan lapis	7.0	-37.5	9.0	35.8	11.0	-35.0	9.6	33.9	15.1	-4.1
16212	Pembuatan papan partikel dan papan gentian	-5.3	-32.2	6.1	27.2	10.4	-29.8	14.7	20.3	11.1	-11.5
16221	Pertukangan kayu untuk jurubina	2.9	-36.6	14.0	27.0	8.9	-31.8	17.8	16.5	11.2	-0.4
	Industri lain	3.3	-28.0	4.4	17.4	9.1	-17.7	-1.4	0.4	11.8	-10.5
170	Pembuatan kertas dan produk kertas	5.6	-2.4	0.1	2.5	1.9	-2.9	-0.3	0.3	3.2	-1.6
17010	Pembuatan pulpa, kertas dan kertas tebal	-1.2	-9.0	3.6	6.7	1.0	-1.5	1.4	-1.0	3.6	2.4
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-2.8	-6.0	0.1	3.9	-6.5	-1.4	5.9	-3.4	0.2	-11.6
17091	Pembuatan sampul surat dan kad surat	-4.5	-7.1	-5.2	-2.9	-0.1	4.6	-1.5	8.9	4.5	-5.6
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	18.4	-0.8	-2.1	-3.0	7.3	-7.3	-9.5	0.8	3.1	3.4
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	14.0	8.2	-5.5	2.1	11.7	-6.5	-9.1	15.2	5.9	10.1
	Industri lain	22.5	8.6	7.5	3.6	8.9	3.7	7.5	-4.1	8.9	-2.4
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.8	-9.4	0.1	10.0	3.8	-6.1	1.9	7.8	0.8	-0.4
18110	Percetakan	3.1	-7.7	2.3	11.1	4.8	-4.3	3.2	7.8	0.9	-0.2
18120	Aktiviti perkhidmatan berkaitan percetakan &	6.1	-15.0	-7.2	6.1	-0.3	-13.6	-4.3	7.7	0.2	-0.9
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	-18.5	1.5	3.4	-7.6	-10.3	8.2	7.0	-8.4	10.6	-11.5
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	5.9	-13.3	3.3	-3.3	6.1	-2.5	4.0	-5.4	6.6	-4.6
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	-10.3	-27.3	-4.5	15.5	5.7	13.5	7.8	8.8	0.7	-0.6
20112 & 20113	Pembuatan kimia organik asas	7.1	-19.3	4.9	-4.1	11.0	-2.1	3.8	-4.1	7.6	-2.4
20121 & 20129	Pembuatan sebatian bukan organik										
20121	Pembuatan baja	5.8	-12.4	-10.7	-8.6	-10.2	2.4	-9.4	-3.0	-7.9	-6.1
20129	Pembuatan produk campuran nitrogen	7.8	-2.8	5.8	-2.0	1.7	-6.4	6.5	-10.0	5.8	-6.8
20131	Pembuatan plastik dalam bentuk primer	-1.6	-8.3	-1.6	-4.4	8.0	2.7	3.0	-2.0	17.2	-9.9
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	6.0	-3.3	8.1	1.5	7.0	-6.9	4.2	-5.2	14.0	-15.1
20210	Pembuatan racun perosak dan produk agrokimia lain	2.9	-3.0	9.8	-2.4	0.2	-9.3	-3.4	-8.8	12.0	-2.7
20221	Pembuatan cat, varnis dan penyadur dan mastik	19.8	6.0	9.0	1.6	17.6	-9.2	-0.7	-4.8	18.1	-15.2
20222	Pembuatan dakwat cetak	3.9	-4.3	-1.7	-6.7	22.1	-5.7	1.9	-8.2	22.8	-11.1
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	3.1	-5.2	8.8	-3.2	5.8	-8.3	9.7	-13.5	17.5	-20.0
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials										
20292 & 20299	Pembuatan dakwat menulis dan melukis	-3.2	-11.4	5.7	12.2	-3.7	2.7	6.3	10.3	4.5	-13.7
	Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	6.4	-23.3	6.5	28.8	-16.7	-19.3	28.1	-0.1	-18.4	-9.3
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	5.0	-2.7	3.2	-1.9	6.9	-1.5	2.8	-3.9	5.3	4.2
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	6.9	-1.5	0.9	-1.2	6.6	0.4	-1.8	-5.0	3.8	5.2
	Industri lain	-2.8	-8.4	14.7	-4.9	8.4	-9.6	25.4	0.01	12.2	0.04
221	Pembuatan produk getah	0.04	11.3	-12.0	-1.4	8.1	12.6	-8.0	-1.2	7.1	-8.6
22111	Pembuatan tayar getah untuk kenderaan	-0.9	-7.0	-10.7	-12.9	-5.0	18.0	-5.8	0.03	5.7	-6.5
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	20.9	1.4	1.5	5.4	-3.6	2.9	7.7	-1.1	3.9	-9.7
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-14.3	-1.9	-1.8	13.7	-2.3	2.7	5.4	3.0	0.02	-10.9
22192	Pengilangan semula getah dan prosesan susu getah										
22192	Pembuatan sarung tangan getah	4.2	16.0	-15.6	-3.4	11.8	15.5	-11.4	-1.2	8.6	-7.9
22199	Pembuatan produk getah lain yang t.t.t.l.	-12.5	0.9	6.3	1.9	1.3	1.8	3.2	-6.1	6.1	-11.4
222	Pembuatan produk plastik	-7.1	11.7	-0.3	-0.8	-4.7	12.5	-1.2	-0.9	-4.7	-4.0
22201 & 22202	Pembuatan produk plastik separa siap	-2.6	10.0	-4.9	-4.0	-2.9	10.3	-5.0	1.8	-2.3	-5.9
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	-14.4	12.6	0.1	-0.7	-4.7	17.7	-1.0	-5.5	-5.2	-1.4
22204	Pembuatan barangan plastik jurubina	16.8	22.2	10.5	-0.8	-7.8	5.8	10.1	1.5	-4.2	-3.0
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-4.0	24.4	-7.8	-10.2	-4.9	18.5	1.8	-7.1	-1.6	-6.4
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-5.8	3.7	7.1	8.0	-5.5	6.2	-1.4	6.2	-8.0	-4.6
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	5.9	-7.7	-7.0	7.5	13.4	-8.5	-4.9	-2.0	8.2	-4.0

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
12.6	-21.6	-21.2	-12.9	5.5	30.8	13.0	8.1	-1.9	-1.0	10.0	-7.6	Manufacture of products of wood, cork, straw and plaiting materials
10.2	-23.3	-23.0	-16.2	1.4	39.0	19.1	11.4	-2.2	-1.9	15.9	-7.1	Manufacture of veneer sheets and plywood
18.9	-21.9	-19.3	-13.0	10.0	27.0	14.8	4.1	-1.3	-2.0	3.4	-11.6	Manufacture of particle board and fibreboard
9.1	-23.4	-20.5	-7.9	12.5	34.4	-5.5	11.0	-1.7	2.0	8.3	-6.3	Manufacture of builders' carpentry
12.2	-8.7	-18.7	-2.5	4.3	4.8	1.2	-2.0	-2.1	4.8	-2.0	1.7	Other industry
2.3	0.7	-6.0	-1.5	3.9	-0.2	-2.5	-0.7	5.1	-1.7	0.8	-0.8	Manufacture of paper and paper products
-9.6	2.1	2.6	2.2	3.6	-4.1	-4.8	-1.5	8.9	-1.6	2.6	2.9	Manufacture of pulp, paper and paperboard
9.3	-0.2	-5.8	3.3	8.3	-1.2	-4.7	-2.2	5.6	-3.7	-3.8	-0.2	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
4.1	11.5	-8.3	-4.3	-5.8	15.9	0.9	4.4	1.0	-5.1	3.5	-8.1	Manufacture of envelopes and letter-card
9.4	-2.6	-10.3	-14.4	2.1	3.0	1.6	-2.3	3.4	-3.3	9.6	-1.2	Manufacture of household and personal hygiene paper
-7.6	8.8	-19.1	2.1	-8.5	8.0	0.9	6.0	6.1	3.9	-7.3	-2.6	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
3.8	-3.1	7.5	0.6	9.4	-5.0	-3.3	-0.3	-0.3	0.8	6.2	-4.6	Other industry
-0.5	-2.4	-6.3	2.4	5.5	-4.8	1.1	-1.5	17.2	-2.5	0.5	0.2	Printing, service activities related to printing and reproduction of recorded media
1.4	-2.3	-6.1	3.8	5.3	-5.1	3.4	-1.9	15.3	-2.1	1.6	-0.05	Printing
-8.0	-2.6	-6.9	-3.8	6.5	-3.4	-10.0	0.8	27.2	-4.5	-4.9	1.4	Service activities related to printing
												Reproduction of recorded media
6.1	6.1	-6.5	21.1	0.6	-3.6	-4.6	3.5	-4.1	-14.8	10.9	-15.1	Manufacture of refined petroleum products
3.2	0.3	-3.7	-2.7	6.4	6.7	-10.3	-6.6	6.2	7.2	10.5	-10.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
13.6	4.2	1.6	-1.9	11.4	-4.3	1.2	-8.0	24.2	7.3	-5.2	2.9	Manufacture of liquefied or compressed inorganic industrial or medical gases
												Manufacture of basic organic chemicals
0.4	7.3	-8.1	-9.3	12.0	8.4	-10.0	-10.2	12.0	9.6	14.8	-18.3	Manufacture of inorganic compounds
												Manufacture of fertilizers
27.7	-11.1	-0.7	2.9	-6.9	-0.8	-11.3	1.4	5.6	1.2	7.0	4.5	Manufacture of associated nitrogen products
4.1	-9.9	2.0	6.8	0.3	8.8	-13.2	-3.7	-2.7	5.6	4.9	-4.3	Manufacture of plastics in primary forms
0.1	5.5	1.6	-0.7	6.3	-3.0	-3.6	0.6	0.9	1.0	12.0	10.9	Other industry
8.8	-7.7	1.9	-0.9	2.5	3.7	-2.4	-3.8	0.5	-4.1	6.6	-0.8	Manufacture of other chemical products and man-made fibres
-5.4	-6.0	0.3	2.9	-3.2	-3.8	1.2	-2.8	-8.7	0.5	6.6	-1.2	Manufacture of pesticides and other agrochemical products
17.8	-12.3	-0.4	-4.2	1.8	2.3	-3.1	-1.4	3.4	-12.6	8.7	3.9	Manufacture of paints, varnishes and similar coatings ink and mastics
9.7	-0.1	-6.2	-11.0	19.4	-2.3	-12.2	0.4	1.8	-1.7	3.4	-1.5	Manufacture of printing ink
												Manufacture of soap and detergents, cleaning and polishing preparations
4.9	-7.1	3.9	2.6	4.4	9.1	-11.0	-7.8	-1.4	-1.4	11.9	-5.9	Manufacture of perfumes and toilet preparations
												Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
8.8	-0.1	4.4	-1.9	0.8	1.5	12.9	-1.3	3.2	1.8	-2.2	1.0	Manufacture of writing and drawing ink
												Manufacture of other chemical products n.e.c.
-0.3	-22.7	11.2	2.0	14.9	-3.0	26.0	-13.8	-3.8	10.8	-3.4	-10.0	Other industry
6.3	-3.6	-12.4	17.7	-3.4	-0.8	1.8	-2.2	-3.9	-0.05	2.6	8.1	Manufacture of pharmaceuticals, medicinal chemical and botanical products
7.6	-1.4	-14.3	17.5	-4.7	-5.3	4.0	-3.8	-1.9	-2.2	6.4	8.8	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
0.5	-13.9	-2.2	18.8	2.6	18.6	-5.8	3.5	-10.9	8.3	-10.9	5.0	Other industry
34.4	0.6	-5.2	-3.4	1.2	-8.8	2.0	5.9	-6.5	-2.1	5.4	-9.1	Manufacture of rubber products
3.5	8.2	16.4	-5.0	-3.1	-4.9	-2.9	11.3	-8.0	-4.4	5.7	-10.4	Manufacture of rubber tyres for vehicles
13.0	-6.6	7.8	0.02	6.0	-0.7	-1.1	1.9	-1.9	-2.1	4.5	-1.2	Manufacture of interchangeable tyre treads and retreading rubber tyres
												Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
14.7	-0.8	-0.2	-4.5	12.2	-3.1	-3.0	2.5	4.7	1.4	-13.7	-11.3	Rubber remilling and latex processing
43.4	0.8	-7.3	-4.5	0.2	-10.9	3.1	7.7	-8.5	-2.8	8.4	-8.5	Manufacture of rubber gloves
8.5	-1.6	-0.7	7.8	-0.6	-2.4	2.0	-4.7	-3.0	-0.2	6.1	-11.5	Manufacture of other rubber products n.e.c.
10.7	9.5	1.3	-10.1	7.1	-1.2	-1.2	1.3	1.2	-5.5	-4.9	-4.1	Manufacture of plastics products
												Manufacture of semi-manufactures of plastic products
14.4	3.5	3.3	-7.4	1.9	-4.0	-0.5	4.0	2.0	-5.2	-1.6	-5.5	Manufacture of finished plastic products
8.9	13.0	4.2	-11.2	8.3	-3.3	-0.2	-1.0	-1.9	-6.3	-5.3	-2.5	Manufacture of plastic articles for the packing of goods
15.9	-2.9	3.6	-7.1	15.5	-2.6	2.3	1.4	5.2	-11.7	-4.4	-2.9	Manufacture of builders' plastics ware
12.3	16.9	-4.1	-4.0	9.5	-2.1	-5.1	4.1	-8.4	-4.3	-2.8	-6.1	Manufacture of plastic tableware, kitchenware and toilet articles
7.9	10.0	-2.8	-15.0	7.8	6.0	-2.0	0.7	9.3	-3.9	-8.7	-4.3	Manufacture of diverse plastic products n.e.c.
-0.2	-3.3	-3.6	-5.0	11.0	-11.6	-8.2	0.3	9.6	5.0	2.1	3.9	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	12.9	-10.8	0.5	6.9	12.6	-10.3	-0.6	2.6	8.6	-5.4
23911 & 23921	Pembuatan mortar refraktori dan konkrit & Pembuatan seramik bukan refraktori	10.7	-6.4	2.3	6.3	3.4	-11.1	4.2	11.2	7.6	-7.2
23930	Pembuatan produk porselin dan seramik lain	-0.6	-6.9	1.2	5.8	-13.2	6.2	3.8	-7.3	-9.0	-3.8
23941	Pembuatan simen hidrolik	15.2	-12.2	-3.2	6.4	13.6	-11.1	-5.0	4.4	8.5	-2.2
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	13.7	-11.0	0.5	4.4	12.7	-11.9	1.5	-0.6	7.1	-5.2
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.	11.7	-9.8	2.8	8.4	16.5	-11.2	0.1	3.6	12.6	-9.5
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	11.2	-14.5	3.7	10.2	9.6	-4.3	-0.9	-2.7	2.1	1.8
	Industri lain	20.4	-6.7	-6.7	1.0	2.7	-10.6	5.5	4.9	5.6	-1.2
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	2.2	-19.1	7.2	21.5	1.8	-16.1	3.9	16.2	-2.9	5.3
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	-0.8	-18.9	-1.0	27.6	-2.7	-10.6	-2.7	20.4	-2.1	-3.6
243	Pengacuan logam	-6.7	5.6	1.2	5.3	6.7	-0.7	-3.7	2.2	13.4	-6.6
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	10.1	-0.8	-6.3	8.8	10.2	-3.1	-13.4	5.9	5.0	-4.9
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam & Pembuatan produk struktur logam lain	14.5	-0.9	-8.7	8.3	12.5	-3.0	-11.3	7.7	6.6	-5.1
25120	Pembuatan tangki, takungan dan kontena daripada logam	-0.7	0.4	0.0	11.2	5.5	-2.5	-19.5	1.3	1.1	-4.1
	Industri lain	9.8	-8.7	-3.0	-3.7	-0.9	-12.0	-5.1	-0.5	2.3	-6.6
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	4.5	-3.5	-1.3	10.7	7.9	-0.3	-2.9	6.0	2.2	-7.5
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.0	0.2	1.5	2.5	-1.4	0.6	1.7	2.8	0.2	-4.5
25920	Rawatan dan penyalutan logam; menggunakan mesin	10.9	-15.7	-6.4	21.5	28.8	13.4	-4.6	11.9	5.0	-2.8
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	3.7	-0.4	7.0	10.7	6.8	-7.3	-8.8	8.3	1.3	-10.6
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam & Pembuatan bolt, skru, nat dan produk uliran seumpamanya	6.7	-3.5	-5.2	9.7	12.4	-0.1	-6.8	4.3	5.0	-2.1
25994	Pembuatan barangan rumah daripada logam	9.0	-1.3	0.7	4.3	7.2	-0.1	-5.1	4.3	9.7	-1.5
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	0.6	-1.9	-2.3	13.5	-0.4	-4.1	3.7	5.8	-0.7	-18.1
	Industri lain	21.8	-1.1	7.3	8.0	2.9	3.7	8.4	2.8	-0.8	3.6
261	Pembuatan komponen dan papan elektronik	-2.7	-5.6	6.7	-7.6	5.6	-0.9	9.3	-7.2	-5.8	14.7
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya & Pembuatan litar elektronik bersepadu dengan pemasangan mikro	-4.9	-8.1	11.3	-9.5	5.9	-0.3	11.7	-9.5	-10.2	14.5
26103 & 26104 & 26105	Pembuatan kapasitor dan perintang elektrik & Pembuatan papan litar bercetak & Pembuatan komponen paparan	1.3	-4.2	-1.0	-6.6	4.5	-2.2	3.9	-6.4	-1.6	17.8
26109	Pembuatan komponen lain untuk aplikasi elektronik	-10.1	23.3	21.0	7.3	11.3	2.2	19.4	8.5	13.9	-1.6
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	8.0	12.9	-17.5	3.6	23.8	24.5	-16.8	-10.2	14.0	11.9
263/ 26300	Pembuatan peralatan komunikasi	5.5	30.0	14.5	-12.4	1.6	23.0	8.5	-11.9	-12.1	1.5
264/ 26400	Pembuatan peralatan elektronik pengguna	-5.0	-2.6	20.6	-8.2	-10.2	6.4	17.1	-14.7	-4.8	2.6
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-10.8	-13.0	23.7	12.4	-6.7	-1.1	22.7	9.0	-5.7	-7.0
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan & Pembuatan kelengkapan kawalan proses perindustrian	-8.9	-14.2	22.6	13.4	-5.1	-0.2	23.1	9.1	-4.9	-6.6
26520	Pembuatan jam tangan dan jam dan bahagiannya	-25.3	-2.4	32.9	4.5	-19.9	-10.2	18.1	8.8	-12.5	-10.3
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-12.0	-5.5	10.8	17.9	1.6	-17.3	1.2	11.5	16.0	-18.8

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
6.6	-7.2	-8.1	-0.5	3.6	-0.1	-2.4	-2.9	9.1	3.7	7.8	-5.1	Manufacture of non-metallic mineral products n.e.c.
												Manufacture of refractory mortars and concretes
3.1	-8.8	-1.2	-4.1	1.8	7.7	1.6	0.5	7.0	6.2	-1.2	4.2	Manufacture of non-refractory ceramic
-5.2	9.4	1.7	2.7	7.3	-5.0	-6.6	-0.9	1.9	-4.4	-9.3	2.6	Manufacture of other porcelain and ceramic products
9.5	-8.2	-12.0	-0.2	1.4	-1.5	-2.6	-0.1	8.4	3.6	7.5	-1.8	Manufacture of hydraulic cement
7.2	-8.5	-9.5	0.02	4.4	3.0	-3.9	-3.9	5.8	3.8	10.8	-5.1	Manufacture of ready-mix and dry-mix concrete and mortars
												Manufacture of precast concrete, cement or artificial stone articles for use in construction
5.8	-5.6	-10.7	2.9	2.1	0.5	-1.0	-5.3	11.9	5.4	11.3	-9.3	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
10.0	-12.8	9.0	-9.7	8.8	-4.5	-6.7	-2.7	10.8	-2.0	0.4	-4.5	Manufacture of other articles of concrete, cement and plaster n.e.c.
-9.2	2.3	-6.2	-7.0	18.3	-6.8	1.0	2.4	4.1	4.1	-3.0	2.3	Manufacture of other non-metallic mineral products n.e.c.
												Other industry
6.0	-10.8	-13.8	-6.4	-2.9	14.9	21.0	1.3	-1.5	-5.2	-2.1	4.5	Manufacture of basic iron and steel
7.5	0.4	-15.5	-13.2	-4.3	16.9	20.2	-2.2	6.0	1.1	-3.4	4.8	Manufacture of basic precious and other non-ferrous metals
5.5	10.1	-12.1	-9.6	-5.0	16.4	7.1	-2.5	-5.5	-2.3	2.2	-4.1	Casting of metals
1.9	1.1	-7.8	4.7	-14.4	2.0	-1.2	-1.3	4.8	12.2	2.9	-3.8	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
												Manufacture of metal doors, windows and their frames, shutters and gates
-0.6	2.4	-5.8	2.3	-13.2	3.1	1.8	-3.1	4.9	15.4	1.3	-4.5	Manufacture of other structural metal products
9.0	-1.3	-13.3	12.1	-18.6	-0.7	-9.8	4.2	4.7	4.0	8.6	-2.1	Manufacture of tanks, reservoirs and containers of metal
-1.0	-6.6	-1.6	-5.7	1.7	-3.3	-0.5	-1.5	3.3	0.9	-1.2	1.0	Other industry
12.1	1.7	-10.6	1.6	-1.4	2.4	-1.0	3.2	-0.2	8.5	1.0	-4.4	Manufacture of other fabricated metal products; metal working service activities
3.1	2.9	-4.8	1.6	1.6	3.9	-5.4	5.6	-1.1	1.4	-0.9	-3.8	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
28.3	-1.3	-9.3	16.7	-15.5	5.4	5.1	3.5	0.1	8.2	5.5	1.4	Treatment and coating of metals; machining
10.4	-0.4	-11.8	-5.3	-4.1	4.1	1.1	3.9	-3.8	14.6	-1.5	-7.9	Manufacture of tins and cans for food products, collapsible tubes and boxes
												Manufacture of metal cable, plaited bands and similar articles
8.0	0.9	-7.1	-1.5	-4.0	3.9	-5.9	2.9	1.9	8.8	4.2	-3.3	Manufacture of bolts, screws, nuts and similar threaded products
-6.7	4.2	-1.4	5.6	-10.1	4.4	-1.9	1.7	2.5	2.3	-0.9	-0.6	Manufacture of metal household articles
18.3	5.1	-19.1	1.2	11.8	-3.1	3.8	1.7	-1.5	11.1	-2.3	-9.2	Manufacture of any other fabricated metal products n.e.c.
3.0	4.4	-7.3	3.7	9.1	0.9	-3.2	2.3	6.6	-5.3	-6.6	3.7	Other industry
18.8	-23.0	12.0	6.8	-8.9	11.5	8.5	-14.9	1.9	-3.9	-6.0	14.7	Manufacture of electronic components and boards
25.2	-26.4	13.1	10.6	-7.9	11.0	5.6	-14.9	-1.3	0.3	-10.4	15.8	Manufacture of diodes, transistors and similar semiconductor devices
												Manufacture of electronic integrated circuits micro assemblies
												Manufacture of electrical capacitors and resistors
11.8	-18.6	8.0	2.6	-11.2	12.9	9.8	-16.8	9.0	-11.4	2.3	14.8	Manufacture of printed circuit boards
												Manufacture of display components
4.4	-16.8	31.0	-1.4	-4.1	7.6	29.5	-6.2	-7.1	2.4	-10.3	5.4	Manufacture of other components for electronic applications
-2.1	35.0	-15.6	2.0	0.8	-1.5	-38.5	33.1	-11.9	14.2	9.5	6.6	Manufacture of computers and peripheral equipment
13.0	-11.4	40.5	1.2	-9.2	10.1	1.2	-19.9	10.4	-3.2	-11.9	-3.3	Manufacture of communication equipment
9.0	-16.5	25.0	6.7	3.1	5.0	-4.5	-7.3	-6.9	-6.5	-17.7	11.2	Manufacture of consumer electronics
11.5	-19.0	21.0	6.1	-1.1	14.0	8.4	-0.9	1.0	-1.5	-4.6	-3.6	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
												Manufacture of measuring, testing, navigating and control equipment
12.1	-19.4	22.3	6.7	-2.1	14.6	9.5	-1.3	0.4	-1.3	-6.0	-2.8	Manufacture of industrial process control equipment
6.3	-15.0	8.3	-0.6	11.4	7.5	-3.6	4.3	8.7	-3.8	10.5	-10.7	Manufacture of watches and clocks and parts
10.1	-16.4	9.5	-18.3	4.1	15.5	-5.5	5.2	8.8	-2.1	12.2	-4.0	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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	1.9	0.5	21.7	2.4	6.5	-16.2	9.3	19.1	9.2	-6.3
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-5.4	5.9	25.5	-11.8	-11.0	5.7	17.9	-5.5	-1.4	-10.0
27101	Pembuatan motor elektrik, penjana dan transformer	-11.7	-0.8	32.2	-11.1	-12.4	2.0	28.9	-8.3	1.0	-12.2
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-2.8	8.5	23.2	-12.0	-10.5	7.1	13.9	-4.3	-2.3	-9.1
272/ 27200	Pembuatan bateri dan akumulator	-25.3	8.8	-15.4	16.9	-10.5	13.1	25.1	-15.9	-2.3	-11.2
273	Pembuatan pendawaian dan peranti pendawaian	-2.9	-2.1	4.4	-3.6	-5.4	3.4	5.8	-1.9	7.1	-12.1
27310	Pembuatan kabel gentian optikal	15.2	15.4	1.7	-13.2	2.8	3.8	-9.1	-9.9	2.2	-6.2
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-4.0	-3.3	4.6	-2.7	-6.9	3.0	8.0	-1.8	6.6	-12.9
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	2.5	4.0	4.3	-8.1	11.3	7.6	-12.1	2.8	19.9	-5.9
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	-7.2	-1.4	30.4	-8.8	-0.7	-3.9	38.1	-1.3	12.9	-7.7
275/ 27500	Pembuatan perkakasan domestik	-8.4	2.3	7.1	-14.4	9.9	0.9	6.4	-13.5	10.5	-0.5
279/ 27900	Pembuatan kelengkapan elektrik lain	-2.1	8.2	8.0	-6.9	-14.1	-2.9	7.2	-3.5	-2.7	-15.8
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-10.8	6.6	-8.5	13.4	-8.0	8.1	-8.7	17.5	-7.1	-6.0
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-29.8	-1.3	6.2	36.3	-28.6	-4.0	2.8	26.5	-17.7	-8.7
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-15.2	8.5	-5.8	16.1	-4.1	11.0	-9.9	13.3	-8.4	-4.9
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-3.6	11.6	-25.8	23.4	0.8	11.0	-18.2	23.1	-3.4	-5.9
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-14.7	-1.5	-14.3	11.1	-17.9	13.9	-14.1	25.7	-13.4	-11.9
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	-4.4	8.5	3.6	3.3	-6.5	2.9	0.4	12.1	-2.9	-3.6
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-13.6	-20.2	18.3	37.9	-10.6	-17.2	-0.2	10.2	1.5	-17.5
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	-0.6	-2.3	-5.2	19.8	-32.8	5.7	13.8	30.8	-29.6	-12.4
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	4.2	1.1	9.8	-1.9	0.5	-2.7	9.8	-5.4	4.4	-3.4
301 (30110 & 30120)	Pembinaan kapal dan bot	5.0	-5.7	-24.6	27.6	0.0	1.1	-17.9	46.4	-1.6	2.9
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.	-15.9	-1.6	2.6	17.7	-8.1	-4.3	-3.5	7.8	-3.5	-10.6
30910	Pembuatan motosikal	-18.2	6.1	12.2	7.7	2.1	-5.1	-3.9	4.4	8.3	-14.4
30920	Pembuatan basikal dan invalid carriages	-22.5	-1.0	-15.1	12.6	-3.6	3.3	-6.6	14.9	5.9	-17.6
	Industri lain	-11.0	-5.6	6.6	25.4	-14.9	-7.0	-1.7	6.6	-13.2	-4.9
310	Pembuatan perabot	4.6	-20.4	-2.5	35.2	7.3	-21.9	-5.6	31.4	5.1	-7.9
31001	Pembuatan perabot kayu dan rotan	8.2	-24.6	2.4	30.6	14.1	-24.6	-4.4	28.8	6.8	-3.1
	Industri lain	1.0	-16.0	-7.1	39.9	0.7	-19.0	-6.8	34.1	3.4	-12.7
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-5.7	16.6	-15.4	13.6	0.8	21.2	-3.8	-1.7	6.8	-14.0
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubahan dan pergigian dan pembuatan lain t.t.t.l.	5.6	12.9	5.2	-11.8	-5.1	9.2	-10.2	-4.8	-2.2	0.3
32901	Pembuatan alat tulis	12.4	3.5	-0.3	-9.6	2.0	16.4	1.8	-9.3	1.2	-6.5
	Industri lain	3.5	16.1	6.9	-12.5	-7.2	7.0	-14.4	-2.9	-3.3	2.6
323/ 32300	Pembuatan barangan sukan	12.5	4.8	-20.9	11.5	13.1	-2.4	-24.7	5.9	11.6	-7.9
324/ 32400	Pembuatan permainan dan mainan	-8.7	26.5	-26.2	-3.9	4.5	39.9	1.5	-14.6	6.4	0.5
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	-3.6	-14.9	3.4	19.6	-0.4	-13.0	0.4	18.7	-1.7	-3.8
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	-5.2	-15.1	8.7	18.8	2.1	-9.5	1.9	22.8	-2.5	-1.3
	Industri lain	-2.6	-14.8	0.3	20.1	-2.0	-15.1	-0.6	15.8	-1.3	-5.3
Jumlah Pembuatan		-5.3	-2.3	3.3	1.7	-0.9	1.5	4.1	-0.3	1.9	-4.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
9.0	-16.7	-0.02	-8.7	12.6	5.1	-0.4	19.7	-1.3	-3.1	2.1	-5.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media
4.1	6.1	2.5	-3.2	12.6	7.3	3.6	-2.5	-9.6	-3.5	-4.6	-8.0	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
1.4	5.9	0.7	-1.7	15.3	16.9	4.1	-2.8	-17.2	-3.8	-11.1	-7.5	Manufacture of electric motors, generators and transformers
5.2	6.1	3.2	-3.7	11.6	3.7	3.3	-2.3	-6.4	-3.4	-2.3	-8.2	Manufacture of electricity distribution and control apparatus
1.1	9.7	10.4	-0.8	16.1	1.6	11.1	-18.2	-3.9	-6.1	28.1	-8.0	Manufacture of batteries and accumulators
-1.8	6.0	10.4	-9.7	8.0	0.8	2.9	0.4	-4.3	-4.7	0.8	-10.0	Manufacture of wiring and wiring devices
-4.8	6.2	7.7	-5.1	-14.4	26.8	-24.9	-2.1	3.0	5.3	-9.9	-8.9	Manufacture of fibre optic cables
-1.9	6.0	10.6	-10.0	10.9	-0.6	4.9	0.3	-5.0	-5.1	0.3	-10.3	Manufacture of other electronic and electric wires and cables
0.8	5.2	10.3	-8.3	-12.1	5.7	-3.3	3.1	2.0	-3.6	14.5	-6.5	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
-4.0	-1.5	10.8	-10.9	27.0	21.6	-1.8	-1.2	-8.5	2.6	-9.0	1.7	Manufacture of electric lighting equipment
6.6	-0.3	-6.7	5.5	1.0	10.9	-8.7	-8.6	-3.5	-1.6	5.2	1.0	Manufacture of domestic appliances
5.8	-7.6	9.6	2.8	-1.2	5.2	-0.1	-3.4	-7.6	11.2	3.5	-16.8	Manufacture of other electrical equipment
1.0	12.0	-2.4	-1.8	-9.8	4.5	0.6	5.3	13.2	1.9	-7.3	-4.6	Manufacture of general-purpose and special-purpose machinery
-19.5	11.8	1.9	5.5	-10.9	12.0	7.3	-1.0	25.1	2.3	-19.9	-14.7	Manufacture of fluid power equipment
3.9	11.5	-3.0	2.1	-9.4	0.7	-4.0	4.1	15.3	3.5	-6.2	5.7	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
-0.2	15.8	1.3	-8.5	-21.6	18.3	-4.7	10.7	10.6	4.7	-4.5	-6.9	Manufacture of air-conditioning machines, including for motor vehicles
10.5	21.6	-9.7	-6.7	-7.7	-8.1	20.9	1.7	17.0	2.5	-13.0	-19.9	Manufacture of other special-purpose machinery n.e.c.
-0.9	5.0	-1.1	1.6	-2.5	4.4	-1.7	5.8	9.5	-1.6	-4.4	-2.3	Other industry
-4.4	-6.2	11.3	-27.0	25.9	3.5	-21.1	28.9	-0.8	0.1	-12.5	-9.6	Manufacture of motor vehicles
27.9	-11.1	4.4	8.7	9.7	-7.7	6.3	25.6	9.1	-9.2	7.2	-35.1	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-4.1	1.0	13.3	-22.6	30.8	-0.6	-10.4	-0.9	7.2	-4.6	-6.6	-2.5	Manufacture of parts and accessories for motor vehicles
24.0	8.3	-25.5	-9.6	-5.8	-2.4	18.3	26.2	8.5	-2.4	-0.9	-6.2	Building of ships and boats
11.1	-5.7	-3.0	1.0	-3.9	0.3	2.1	7.0	2.5	-7.0	-7.2	-5.6	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
-0.4	-0.1	2.2	-2.4	3.8	-5.9	-8.6	5.6	14.5	-6.0	-1.0	-3.0	Manufacture of motorcycles
17.8	-3.5	2.4	3.1	-12.2	7.3	-3.8	12.1	7.6	-6.4	-3.2	-14.0	Manufacture of bicycles and invalid carriages
15.4	-9.4	-8.4	2.2	-4.6	1.1	11.5	5.5	-5.7	-7.9	-13.1	-2.6	Other industry
13.8	-19.0	0.3	-27.5	5.5	8.5	17.6	10.3	5.8	2.0	2.5	-4.8	Manufacture of furniture
17.4	-23.1	-2.1	-28.6	7.8	15.4	8.0	8.6	10.1	2.9	4.1	-3.2	Manufacture of wooden and cane furniture
9.9	-14.1	2.9	-26.4	3.3	1.4	28.7	11.9	1.8	1.0	0.8	-6.6	Other industry
6.0	19.9	3.1	1.1	-8.9	0.0	11.4	-11.1	5.4	-1.5	9.6	-14.0	Manufacture of jewellery, bijouterie and related articles
-2.5	11.3	7.6	-15.0	-2.5	-2.0	5.2	-9.9	4.3	0.0	1.0	0.4	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
10.3	10.4	1.0	1.2	3.5	-0.2	-8.0	-0.8	-8.1	7.0	-0.3	-4.0	Manufacture of stationery
-6.2	11.6	9.9	-20.1	-4.8	-2.8	11.0	-13.2	9.5	-2.5	1.5	2.1	Other industry
8.5	14.5	-16.7	-20.8	-3.1	-0.1	-6.1	-2.9	16.9	6.5	10.4	-1.8	Manufacture of sports goods
26.0	7.8	25.4	-12.4	3.9	0.9	-3.5	-5.1	-8.6	-7.8	3.1	-4.9	Manufacture of games and toys
20.0	-3.5	-29.2	2.8	-4.0	10.9	25.5	-1.5	4.4	-5.5	-0.4	-2.9	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
29.8	1.2	-36.2	0.6	-4.0	17.8	35.1	-6.9	10.0	-6.9	-2.8	-3.4	Repair and maintenance of transport equipment except motorcycles and bicycles
14.0	-6.8	-23.9	4.3	-4.0	6.7	19.0	2.7	0.5	-4.5	1.3	-2.6	Other industry
8.4	-3.3	1.1	0.8	0.6	4.4	-1.0	-0.5	0.3	-2.2	-0.2	-3.2	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	2023			
				Q1	Q2	Q3	Q4
101	Pemprosesan dan pengawetan daging	14,664	15,265	13,849	14,305	14,857	14,664
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,342	17,394	17,382	17,330	17,416	17,342
10201 & 10202	Pengetinan ikan, krustasea dan moluska						
10202	Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,485	14,280	14,711	14,566	14,554	14,485
	Industri lain	2,857	3,114	2,671	2,764	2,862	2,857
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,127	9,524	10,536	10,835	10,474	10,127
10303 & 10304	Pengetinan nanas						
10304	Pembuatan jem, marmalad dan sajian jeli	570	540	568	560	570	570
	Industri lain	9,557	8,984	9,967	10,275	9,904	9,557
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,888	92,217	85,462	85,734	89,500	89,888
10404 & 10406	Pembuatan minyak sayuran mentah dan bertapis						
10406	Pembuatan sebatian lemak masakan	4,477	4,782	4,124	4,141	4,465	4,477
10405	Pembuatan minyak kelapa	2,631	2,653	2,558	2,558	2,633	2,631
	Industri lain	82,779	84,782	78,780	79,035	82,401	82,779
105	Pembuatan produk tenusu	13,874	14,135	13,366	13,280	13,759	13,874
10502	Pembuatan susu pekat, tepung dan sejat	9,858	9,963	9,678	9,560	9,830	9,858
	Industri lain	4,017	4,172	3,689	3,719	3,928	4,017
106	Pembuatan produk bijian, kanji dan produk	11,538	11,591	11,341	11,257	11,509	11,538
10611	Pengilangan beras	5,400	5,524	5,421	5,301	5,390	5,400
10613	Pengilangan tepung	5,223	5,236	5,010	5,044	5,202	5,223
	Industri lain	915	831	910	912	917	915
107	Pembuatan produk makanan lain	141,851	146,141	132,812	133,853	140,391	141,851
10711	Pembuatan biskut dan cookies	14,889	15,052	14,747	14,600	14,836	14,889
10712	Pembuatan roti, kek dan produk bakeri lain	33,814	35,131	31,832	32,231	33,443	33,814
10713	Pembuatan produk snek	9,620	9,845	8,858	8,961	9,202	9,620
10721	Pembuatan gula	1,836	1,829	1,760	1,783	1,878	1,836
10731	Pembuatan produk koko	2,644	2,405	2,523	2,614	2,636	2,644
10732	Pembuatan coklat dan produk coklat						
& 10733	Pembuatan konfeksi gula	8,634	8,716	7,925	7,955	8,566	8,634
10793	Pembuatan sos dan bahan perasa	13,437	15,091	11,881	11,908	12,698	13,437
10799	Pembuatan produk makanan lain t.t.t.l.	18,153	18,807	15,474	16,158	18,537	18,153
	Industri lain	38,825	39,266	37,813	37,642	38,595	38,825
108/ 10800	Pembuatan makanan haiwan tersedia	13,666	13,914	15,606	15,188	14,266	13,666
110	Pembuatan minuman ringan	16,805	17,239	16,770	16,865	16,602	16,805
11041	Pembuatan minuman ringan	10,717	11,025	10,744	10,847	10,607	10,717
11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,111	4,234	4,197	4,172	4,104	4,111
	Industri lain	1,976	1,981	1,829	1,846	1,890	1,976
120/ 12000	Pembuatan produk tembakau	1,259	1,278	1,448	1,254	1,271	1,259
131	Pemintalan, penenunan dan penyiapan tekstil	13,207	13,753	13,274	13,204	13,419	13,207
13110 & 13120	Penyediaan dan pemintalan gentian tekstil						
13120	Penenunan tekstil	9,168	9,339	9,093	9,029	9,316	9,168
13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,592	3,928	3,690	3,701	3,610	3,592
	Industri lain	447	486	491	474	493	447
139	Pembuatan tekstil lain	15,096	14,845	14,841	15,173	15,177	15,096
13910	Pembuatan fabrik dikait dan dikrusye	5,531	5,465	5,619	5,657	5,593	5,531
	Industri lain	9,564	9,380	9,222	9,515	9,584	9,564
141	Pembuatan pakaian, kecuali pakaian berbulu	43,688	43,092	42,881	42,985	42,139	43,688
14102	Pembuatan pakaian	31,863	31,431	31,236	31,154	30,424	31,863
	Industri lain	11,825	11,661	11,645	11,831	11,715	11,825
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,093	1,050	1,089	1,086	1,114	1,093
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,808	5,752	6,032	5,746	5,903	5,808
152	Pembuatan kasut	7,071	7,415	6,979	7,072	7,012	7,071
15201 & 15203	Pembuatan kasut kulit						
15203	Pembuatan kasut getah	3,719	3,741	3,760	3,667	3,659	3,719
	Industri lain	3,352	3,674	3,219	3,405	3,353	3,352
161/ 16100	Pengilangan dan pengetaman kayu	24,448	24,600	25,234	24,629	24,640	24,448

2024				2024	2025	Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
14,966	14,548	15,288	15,265	14,925	15,084	Processing and preserving of meat
17,616	17,657	17,410	17,394	17,743	17,532	Processing and preserving of fish, crustaceans and molluscs
						Canning of fish, crustaceans and molluscs
14,642	14,690	14,245	14,280	14,747	14,434	Processing, curing and preserving of fish, crustacean and molluscs
2,974	2,967	3,165	3,114	2,996	3,098	Other industry
10,789	10,401	9,719	9,524	10,712	9,859	Processing and preserving of fruits and vegetable
						Pineapple canning
583	567	548	540	601	551	Manufacture of jams, marmalades and table jellies
10,206	9,834	9,172	8,984	10,112	9,308	Other industry
89,298	90,516	91,201	92,217	89,390	91,940	Manufacture of vegetable and animal oils and fats
						Manufacture of crude and refined vegetable oil
4,604	4,666	4,772	4,782	4,588	4,839	Manufacture of compound cooking fats
2,669	2,665	2,662	2,653	2,673	2,705	Manufacture of coconut oil
82,025	83,184	83,767	84,782	82,129	84,396	Other industry
14,144	14,003	14,208	14,135	13,937	13,947	Manufacture of dairy products
10,197	9,969	10,041	9,963	9,972	9,888	Manufacture of condensed, powdered and evaporated milk
3,947	4,034	4,167	4,172	3,964	4,059	Other industry
11,325	11,202	11,819	11,591	11,351	12,013	Manufacture of grain mill products, starches and starch products
5,438	5,309	5,715	5,524	5,517	5,800	Rice milling
4,992	5,005	5,243	5,236	4,940	5,401	Flour milling
895	888	860	831	893	812	Other industry
142,155	142,049	146,602	146,141	142,916	146,959	Manufacture of other food products
14,430	14,578	15,291	15,052	14,786	14,490	Manufacture of biscuits and cookies
33,618	34,421	35,535	35,131	34,078	35,051	Manufacture of bread, cakes and other bakery products
9,581	9,671	9,904	9,845	9,626	9,837	Manufacture of snack products
1,829	1,829	1,810	1,829	1,843	1,827	Manufacture of sugar
2,569	2,403	2,380	2,405	2,647	2,501	Manufacture of cocoa products
						Manufacture of chocolate and chocolate products
8,682	8,562	8,665	8,716	8,708	8,890	Manufacture of sugar confectionery
13,873	13,438	14,959	15,091	13,723	15,504	Manufacture of sauces and condiments
18,596	18,293	18,994	18,807	18,669	19,224	Manufacture of other food products n.e.c.
38,979	38,855	39,064	39,266	38,836	39,636	Other industry
13,947	13,790	13,652	13,914	13,915	14,308	Manufacture of prepared animal feeds
17,129	17,336	16,952	17,239	17,045	17,505	Manufacture of beverages
10,884	11,080	10,826	11,025	10,787	11,044	Manufacture of soft drinks
4,247	4,238	4,176	4,234	4,262	4,425	Production of natural mineral waters and other bottled waters
1,998	2,018	1,951	1,981	1,996	2,037	Other industry
1,331	1,251	1,274	1,278	1,320	1,333	Manufacture of tobacco products
13,470	13,726	13,878	13,753	13,122	13,545	Spinning, weaving and finishing of textiles
						Preparation and spinning of textile fibres
9,433	9,611	9,309	9,339	9,092	9,156	Weaving of textiles
3,568	3,638	4,074	3,928	3,577	3,909	Dyeing, bleaching, printing and finishing of yarns and fabrics
469	478	495	486	453	480	Other industry
14,854	14,914	14,920	14,845	14,871	14,588	Manufacture of other textiles
5,407	5,552	5,483	5,465	5,391	5,267	Manufacture of knitted and crocheted fabrics
9,447	9,361	9,436	9,380	9,480	9,321	Other industry
44,375	43,995	43,208	43,092	44,189	44,600	Manufacture of wearing apparel, except fur apparel
32,580	32,287	31,514	31,431	32,361	32,597	Manufacture of clothings
11,795	11,708	11,693	11,661	11,828	12,003	Other industry
1,099	1,095	1,106	1,050	1,098	1,056	Manufacture of articles of fur, knitted and crocheted apparel
5,680	5,579	5,856	5,752	5,751	5,752	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,209	7,280	7,285	7,415	7,270	7,541	Manufacture of footwear
						Manufacture of leather footwear
3,731	3,729	3,682	3,741	3,802	3,739	Manufacture of rubber footwear
3,478	3,551	3,603	3,674	3,467	3,802	Other industry
24,271	24,178	24,415	24,600	23,918	24,804	Sawmilling and planning of wood

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
101	Pemprosesan dan pengawetan daging	14,832	14,925	14,966	14,891	14,941	14,548
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	17,808	17,743	17,616	17,849	17,864	17,657
	10201 & 10202 Pengetinan ikan, krustasea dan moluska						
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	14,874	14,747	14,642	14,851	14,874	14,690
	Industri lain	2,934	2,996	2,974	2,998	2,990	2,967
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	10,503	10,712	10,789	10,740	10,497	10,401
	10303 & 10304 Pengetinan nanas						
	10304 Pembuatan jem, marmalad dan sajian jeli	546	601	583	587	563	567
	Industri lain	9,957	10,112	10,206	10,152	9,933	9,834
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	89,773	89,390	89,298	89,531	89,947	90,516
	10404 & 10406 Pembuatan minyak sayuran mentah dan bertapis						
	10406 Pembuatan sebatian lemak masakan	4,426	4,588	4,604	4,690	4,682	4,666
	10405 Pembuatan minyak kelapa	2,669	2,673	2,669	2,669	2,672	2,665
	Industri lain	82,678	82,129	82,025	82,172	82,592	83,184
105	Pembuatan produk tenusu	14,023	13,937	14,144	14,160	14,266	14,003
	10502 Pembuatan susu pekat, tepung dan sejat	10,060	9,972	10,197	10,182	10,273	9,969
	Industri lain	3,962	3,964	3,947	3,978	3,993	4,034
106	Pembuatan produk bijian, kanji dan produk	11,615	11,351	11,325	11,255	11,224	11,202
	10611 Pengilangan beras	5,492	5,517	5,438	5,395	5,381	5,309
	10613 Pengilangan tepung	5,226	4,940	4,992	4,977	4,967	5,005
	Industri lain	897	893	895	882	876	888
107	Pembuatan produk makanan lain	143,476	142,916	142,155	143,154	143,362	142,049
	10711 Pembuatan biskut dan cookies	14,944	14,786	14,430	14,408	14,575	14,578
	10712 Pembuatan roti, kek dan produk bakeri lain	34,029	34,078	33,618	34,687	34,712	34,421
	10713 Pembuatan produk snek	9,784	9,626	9,581	9,574	9,624	9,671
	10721 Pembuatan gula	1,839	1,843	1,829	1,825	1,831	1,829
	10731 Pembuatan produk koko	2,653	2,647	2,569	2,530	2,420	2,403
	10732 Pembuatan coklat dan produk coklat						
	& 10733 Pembuatan konfeksi gula	8,761	8,708	8,682	8,613	8,638	8,562
	10793 Pembuatan sos dan bahan perasa	13,754	13,723	13,873	13,897	13,753	13,438
	10799 Pembuatan produk makanan lain t.t.t.l.	18,611	18,669	18,596	18,544	18,562	18,293
	Industri lain	39,100	38,836	38,979	39,074	39,246	38,855
108/ 10800	Pembuatan makanan haiwan tersedia	13,905	13,915	13,947	13,963	13,983	13,790
110	Pembuatan minuman ringan	17,041	17,045	17,129	17,275	17,289	17,336
	11041 Pembuatan minuman ringan	10,808	10,787	10,884	10,989	11,000	11,080
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4,259	4,262	4,247	4,260	4,280	4,238
	Industri lain	1,974	1,996	1,998	2,026	2,009	2,018
120/ 12000	Pembuatan produk tembakau	1,272	1,320	1,331	1,256	1,245	1,251
131	Pemintalan, penenunan dan penyiapan tekstil	13,152	13,122	13,470	13,587	13,871	13,726
	13110 Penyediaan dan pemintalan gentian tekstil						
	& 13120 Penenunan tekstil	9,112	9,092	9,433	9,591	9,748	9,611
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	3,588	3,577	3,568	3,527	3,629	3,638
	Industri lain	453	453	469	469	494	478
139	Pembuatan tekstil lain	15,312	14,871	14,854	14,866	15,028	14,914
	13910 Pembuatan fabrik dikait dan dikrusye	5,594	5,391	5,407	5,422	5,596	5,552
	Industri lain	9,717	9,480	9,447	9,444	9,432	9,361
141	Pembuatan pakaian, kecuali pakaian berbulu	44,103	44,189	44,375	44,187	44,384	43,995
	14102 Pembuatan pakaian	32,271	32,361	32,580	32,374	32,615	32,287
	Industri lain	11,831	11,828	11,795	11,813	11,769	11,708
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1,100	1,098	1,099	1,126	1,120	1,095
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5,772	5,751	5,680	5,665	5,646	5,579
152	Pembuatan kasut	7,181	7,270	7,209	7,186	7,291	7,280
	15201 & 15203 Pembuatan kasut kulit						
	15203 Pembuatan kasut getah	3,827	3,802	3,731	3,687	3,730	3,729
	Industri lain	3,354	3,467	3,478	3,499	3,560	3,551
161/ 16100	Pengilangan dan pengetaman kayu	24,204	23,918	24,271	24,315	24,708	24,178

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
14,629	14,631	15,288	15,250	15,222	15,265	15,393	15,084	Processing and preserving of meat
17,485	17,199	17,410	17,140	17,155	17,394	17,626	17,532	Processing and preserving of fish, crustaceans and molluscs
								Canning of fish, crustaceans and molluscs
14,481	14,025	14,245	14,105	14,014	14,280	14,536	14,434	Processing, curing and preserving of fish, crustacean and molluscs
3,004	3,173	3,165	3,035	3,141	3,114	3,091	3,098	Other industry
10,171	10,041	9,719	9,640	9,541	9,524	9,750	9,859	Processing and preserving of fruits and vegetable
								Pineapple canning
566	554	548	540	541	540	516	551	Manufacture of jams, marmalades and table jellies
9,606	9,487	9,172	9,100	9,000	8,984	9,234	9,308	Other industry
91,435	91,307	91,201	91,158	91,778	92,217	92,195	91,940	Manufacture of vegetable and animal oils and fats
								Manufacture of crude and refined vegetable oil
4,668	4,796	4,772	4,796	4,781	4,782	4,913	4,839	Manufacture of compound cooking fats
2,672	2,669	2,662	2,666	2,653	2,653	2,716	2,705	Manufacture of coconut oil
84,096	83,842	83,767	83,696	84,344	84,782	84,565	84,396	Other industry
14,033	14,216	14,208	14,158	14,173	14,135	14,075	13,947	Manufacture of dairy products
9,989	10,093	10,041	9,973	9,984	9,963	9,888	9,888	Manufacture of condensed, powdered and evaporated milk
4,044	4,123	4,167	4,185	4,189	4,172	4,187	4,059	Other industry
11,092	11,254	11,819	11,766	11,709	11,591	11,764	12,013	Manufacture of grain mill products, starches and starch products
5,282	5,391	5,715	5,664	5,567	5,524	5,667	5,800	Rice milling
4,918	4,996	5,243	5,264	5,311	5,236	5,277	5,401	Flour milling
892	866	860	838	832	831	820	812	Other industry
143,903	145,642	146,602	147,073	146,711	146,141	147,147	146,959	Manufacture of other food products
15,020	15,159	15,291	15,210	15,171	15,052	14,876	14,490	Manufacture of biscuits and cookies
35,257	35,470	35,535	35,386	35,309	35,131	35,255	35,051	Manufacture of bread, cakes and other bakery products
9,737	9,713	9,904	9,945	9,978	9,845	9,832	9,837	Manufacture of snack products
1,822	1,816	1,810	1,801	1,804	1,829	1,829	1,827	Manufacture of sugar
2,392	2,376	2,380	2,388	2,395	2,405	2,495	2,501	Manufacture of cocoa products
								Manufacture of chocolate and chocolate products
8,652	8,555	8,665	8,744	8,722	8,716	8,799	8,890	Manufacture of sugar confectionery
13,612	14,912	14,959	15,112	15,117	15,091	15,478	15,504	Manufacture of sauces and condiments
18,634	18,605	18,994	18,956	18,867	18,807	19,169	19,224	Manufacture of other food products n.e.c.
38,776	39,036	39,064	39,529	39,349	39,266	39,415	39,636	Other industry
13,759	13,873	13,652	13,783	13,833	13,914	14,303	14,308	Manufacture of prepared animal feeds
17,274	16,922	16,952	17,086	17,043	17,239	17,468	17,505	Manufacture of beverages
11,046	10,761	10,826	10,910	10,888	11,025	11,044	11,044	Manufacture of soft drinks
4,228	4,169	4,176	4,210	4,208	4,234	4,394	4,425	Production of natural mineral waters and other bottled waters
2,001	1,992	1,951	1,966	1,947	1,981	2,030	2,037	Other industry
1,245	1,179	1,274	1,275	1,265	1,278	1,287	1,333	Manufacture of tobacco products
13,822	13,831	13,878	13,731	13,762	13,753	13,724	13,545	Spinning, weaving and finishing of textiles
								Preparation and spinning of textile fibres
9,492	9,391	9,309	9,268	9,317	9,339	9,331	9,156	Weaving of textiles
3,869	3,963	4,074	3,977	3,960	3,928	3,914	3,909	Dyeing, bleaching, printing and finishing of yarns and fabrics
461	477	495	486	486	486	479	480	Other industry
14,725	14,903	14,920	14,929	14,857	14,845	14,939	14,588	Manufacture of other textiles
5,493	5,557	5,483	5,468	5,466	5,465	5,462	5,267	Manufacture of knitted and crocheted fabrics
9,232	9,346	9,436	9,461	9,391	9,380	9,478	9,321	Other industry
43,602	42,641	43,208	42,549	42,804	43,092	44,431	44,600	Manufacture of wearing apparel, except fur apparel
32,059	31,071	31,514	30,938	31,195	31,431	32,641	32,597	Manufacture of clothings
11,543	11,570	11,693	11,610	11,609	11,661	11,790	12,003	Other industry
1,091	1,077	1,106	1,050	1,056	1,050	1,056	1,056	Manufacture of articles of fur, knitted and crocheted apparel
5,615	5,690	5,856	5,851	5,821	5,752	5,750	5,752	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
7,210	7,175	7,285	7,370	7,426	7,415	7,411	7,541	Manufacture of footwear
								Manufacture of leather footwear
3,667	3,684	3,682	3,726	3,768	3,741	3,733	3,739	Manufacture of rubber footwear
3,543	3,492	3,603	3,644	3,658	3,674	3,677	3,802	Other industry
23,901	24,645	24,415	24,524	24,631	24,600	24,491	24,804	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	2023			
				Q1	Q2	Q3	Q4
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	69,802	70,057	67,728	68,036	68,637	69,802
16211	Pembuatan kepingan venier dan papan lapis	39,618	40,672	37,446	37,646	38,723	39,618
16212	Pembuatan papan partikel dan papan gentian	6,961	7,176	6,345	6,563	7,116	6,961
16221	Pertukangan kayu untuk jurubina	9,650	8,510	10,642	10,645	9,651	9,650
	Industri lain	13,573	13,699	13,295	13,181	13,146	13,573
170	Pembuatan kertas dan produk kertas	59,265	59,633	59,308	57,626	58,587	59,265
17010	Pembuatan pulpa, kertas dan kertas tebal	9,041	9,576	9,332	8,473	8,582	9,041
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	23,505	23,067	23,877	23,353	23,416	23,505
17091	Pembuatan sampul surat dan kad surat	1,762	1,717	1,789	1,769	1,777	1,762
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	11,370	11,109	10,723	10,515	11,368	11,370
	17093 Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	7,480	7,557	7,837	7,792	7,465	7,480
	Industri lain	6,107	6,608	5,749	5,724	5,979	6,107
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	71,281	71,820	70,319	68,955	68,928	71,281
	18110 Percetakan	58,603	58,927	57,476	56,770	56,789	58,603
	18120 Aktiviti perkhidmatan berkaitan percetakan						
	&	12,678	12,894	12,843	12,185	12,139	12,678
	18200 Penerbitan semula media rakaman						
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	18,473	18,556	18,486	18,149	18,199	18,473
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	47,699	50,231	49,475	48,507	47,094	47,699
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	6,330	7,272	6,315	6,155	6,192	6,330
20112 &	Pembuatan kimia organik asas	19,255	20,199	20,155	19,696	19,050	19,255
20113	Pembuatan sebatian bukan organik						
20121 &	Pembuatan baja	7,201	7,085	8,353	7,982	7,227	7,201
20129	Pembuatan produk campuran nitrogen						
20131	Pembuatan plastik dalam bentuk primer	11,649	12,111	11,428	11,453	11,411	11,649
	Industri lain	3,264	3,564	3,226	3,221	3,215	3,264
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	55,846	54,191	58,105	55,785	55,364	55,846
20210	Pembuatan racun perosak dan produk agrokimia lain	4,587	5,093	4,262	4,151	4,419	4,587
20221	Pembuatan cat, varnis dan penyadur dan mastik	9,587	9,564	9,966	9,644	9,412	9,587
20222	Pembuatan dakwat cetak	5,924	5,680	5,967	5,983	5,883	5,924
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	20,041	19,182	21,322	19,568	19,767	20,041
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	16,137	16,006	15,588	15,435
20299	Pembuatan produk kimia lain t.t.t.l.						
	Industri lain	273	240	451	433	295	273
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	27,967	28,795	26,901	27,916	29,297	27,967
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	19,519	20,296	18,765	19,668	20,535	19,519
	Industri lain	8,448	8,498	8,136	8,249	8,762	8,448
221	Pembuatan produk getah	117,399	114,605	121,509	114,969	118,329	117,399
22111	Pembuatan tayar getah untuk kenderaan	6,790	6,537	6,740	7,052	6,731	6,790
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2,564	2,468	2,340	2,279	2,427	2,564
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	18,551	17,566	18,775	19,192	18,619	18,551
22193	Pengilangan semula getah dan prosesan susu getah						
22192	Pembuatan sarung tangan getah	56,913	55,571	60,077	55,214	57,500	56,913
22199	Pembuatan produk getah lain yang t.t.t.l.	32,581	32,463	33,577	31,231	33,052	32,581
222	Pembuatan produk plastik	164,184	167,831	159,633	161,005	163,072	164,184
22201 &	Pembuatan produk plastik separa siap	38,248	38,825	37,301	38,558	38,510	38,248
22202	Pembuatan produk plastik siap						
22203	Pembuatan artikel plastik untuk pembungkusan barangan	53,304	54,379	50,812	51,215	53,151	53,304
22204	Pembuatan barangan plastik jurubina	3,666	3,865	3,699	3,690	3,708	3,666
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	14,272	14,407	14,782	14,642	14,638	14,272
22209	Pembuatan pelbagai produk plastik t.t.t.l.	54,694	56,355	53,040	52,901	53,066	54,694
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	20,742	21,793	21,026	21,133	21,102	20,742

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
67,760	69,742	69,343	70,057	69,320	69,120	Manufacture of products of wood, cork, straw and plaiting materials
37,829	39,264	40,119	40,672	38,998	39,997	Manufacture of veneer sheets and plywood
7,008	7,317	7,236	7,176	7,077	7,097	Manufacture of particle board and fibreboard
9,627	9,443	8,782	8,510	9,692	8,653	Manufacture of builders' carpentry
13,296	13,719	13,206	13,699	13,554	13,373	Other industry
59,848	58,041	58,867	59,633	59,910	60,260	Manufacture of paper and paper products
9,297	8,753	9,061	9,576	9,357	10,185	Manufacture of pulp, paper and paperboard
23,403	22,740	23,039	23,067	23,406	23,031	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,715	1,675	1,678	1,717	1,768	1,713	Manufacture of envelopes and letter-card
11,361	10,882	11,097	11,109	11,420	10,952	Manufacture of household and personal hygiene paper
7,856	7,854	7,541	7,557	7,832	7,909	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,215	6,137	6,450	6,608	6,127	6,469	Other industry
68,381	68,032	69,023	71,820	68,558	69,056	Printing, service activities related to printing and reproduction of recorded media
56,011	55,417	56,714	58,927	56,099	56,685	Printing
12,370	12,615	12,309	12,894	12,460	12,371	Service activities related to printing
						Reproduction of recorded media
18,821	18,324	18,286	18,556	18,511	18,857	Manufacture of refined petroleum products
49,133	48,962	49,178	50,231	48,536	50,981	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
6,818	6,938	7,043	7,272	6,520	7,198	Manufacture of liquefied or compressed inorganic industrial or medical gases
						Manufacture of basic organic chemicals
19,676	19,527	19,761	20,199	19,452	20,619	Manufacture of inorganic compounds
						Manufacture of fertilizers
7,397	7,327	7,130	7,085	7,360	7,158	Manufacture of associated nitrogen products
11,866	11,793	11,811	12,111	11,855	12,410	Manufacture of plastics in primary forms
3,377	3,377	3,432	3,564	3,350	3,597	Other industry
56,350	55,669	53,680	54,191	55,915	54,458	Manufacture of other chemical products and man-made fibres
4,643	4,691	5,005	5,093	4,629	5,038	Manufacture of pesticides and other agrochemical products
10,133	9,706	9,419	9,564	9,874	9,491	Manufacture of paints, varnishes and similar coatings ink and mastics
6,068	6,094	5,704	5,680	5,957	5,709	Manufacture of printing ink
19,883	19,772	19,131	19,182	19,756	19,766	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
15,334	15,132	14,181	14,430	15,419	14,210	Manufacture of writing and drawing ink
						Manufacture of other chemical products n.e.c.
288	273	240	240	280	245	Other industrv
27,334	28,060	29,377	28,795	27,303	27,956	Manufacture of pharmaceuticals, medicinal chemical and botanical products
18,758	19,397	20,577	20,296	18,831	19,356	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,576	8,662	8,801	8,498	8,472	8,600	Other industry
115,414	110,997	115,321	114,605	115,900	112,610	Manufacture of rubber products
6,761	6,736	6,586	6,537	6,787	6,538	Manufacture of rubber tyres for vehicles
2,566	2,490	2,479	2,468	2,581	2,507	Manufacture of interchangeable tyre treads and retreading rubber tyres
18,997	19,213	17,804	17,566	18,961	17,363	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
						Rubber remilling and latex processing
54,956	51,979	55,956	55,571	55,242	54,046	Manufacture of rubber gloves
32,134	30,578	32,496	32,463	32,329	32,155	Manufacture of other rubber products n.e.c.
163,740	165,999	167,284	167,831	164,009	167,549	Manufacture of plastics products
						Manufacture of semi-manufactures of plastic products
37,765	38,681	39,040	38,825	38,275	39,006	Manufacture of finished plastic products
53,214	53,279	54,387	54,379	53,375	54,117	Manufacture of plastic articles for the packing of goods
3,699	3,752	3,784	3,865	3,699	3,826	Manufacture of builders' plastics ware
14,756	14,749	14,397	14,407	14,639	14,271	Manufacture of plastic tableware, kitchenware and toilet articles
54,306	55,539	55,677	56,355	54,021	56,328	Manufacture of diverse plastic products n.e.c.
21,080	22,378	22,541	21,793	20,939	21,469	Manufacture of glass and glass products

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

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

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
70,073	68,634	69,343	69,794	70,816	70,057	69,229	69,120	Manufacture of products of wood, cork, straw and plaiting materials
39,783	39,326	40,119	40,254	41,213	40,672	39,933	39,997	Manufacture of veneer sheets and plywood
7,247	7,212	7,236	7,276	7,186	7,176	7,131	7,097	Manufacture of particle board and fibreboard
9,432	8,803	8,782	8,725	8,726	8,510	8,648	8,653	Manufacture of builders' carpentry
13,611	13,293	13,206	13,539	13,692	13,699	13,517	13,373	Other industry
57,797	58,093	58,867	59,728	59,564	59,633	59,654	60,260	Manufacture of paper and paper products
8,789	9,065	9,061	9,270	9,229	9,576	9,918	10,185	Manufacture of pulp, paper and paperboard
22,431	22,563	23,039	23,335	23,261	23,067	22,959	23,031	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1,684	1,686	1,678	1,689	1,717	1,717	1,722	1,713	Manufacture of envelopes and letter-card
10,703	10,679	11,097	11,253	11,151	11,109	11,012	10,952	Manufacture of household and personal hygiene paper
7,892	7,607	7,541	7,548	7,469	7,557	7,534	7,909	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6,298	6,492	6,450	6,633	6,737	6,608	6,509	6,469	Other industry
68,063	69,364	69,023	70,855	71,857	71,820	68,958	69,056	Printing, service activities related to printing and reproduction of recorded media
55,378	56,784	56,714	58,114	59,102	58,927	56,528	56,685	Printing
12,686	12,580	12,309	12,741	12,755	12,894	12,430	12,371	Service activities related to printing
								Reproduction of recorded media
18,405	18,459	18,286	18,537	18,614	18,556	18,603	18,857	Manufacture of refined petroleum products
48,889	49,439	49,178	49,911	50,235	50,231	50,397	50,981	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
6,966	6,982	7,043	7,079	7,277	7,272	7,264	7,198	Manufacture of liquefied or compressed inorganic industrial or medical gases
								Manufacture of basic organic chemicals
19,587	19,840	19,761	20,165	20,135	20,199	20,107	20,619	Manufacture of inorganic compounds
								Manufacture of fertilizers
7,312	7,335	7,130	7,175	7,235	7,085	7,166	7,158	Manufacture of associated nitrogen products
11,633	11,844	11,811	11,961	12,070	12,111	12,303	12,410	Manufacture of plastics in primary forms
3,391	3,439	3,432	3,531	3,518	3,564	3,558	3,597	Other industry
54,842	54,795	53,680	54,027	54,072	54,191	54,103	54,458	Manufacture of other chemical products and man-made fibres
4,683	4,877	5,005	5,099	5,099	5,093	5,057	5,038	Manufacture of pesticides and other agrochemical products
9,601	9,565	9,419	9,421	9,467	9,564	9,446	9,491	Manufacture of paints, varnishes and similar coatings ink and mastics
5,658	5,679	5,704	5,696	5,692	5,680	5,725	5,709	Manufacture of printing ink
19,639	19,758	19,131	19,204	19,218	19,182	19,319	19,766	Manufacture of soap and detergents, cleaning and polishing preparations
								Manufacture of perfumes and toilet preparations
								Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
14,991	14,661	14,181	14,365	14,356	14,430	14,315	14,210	Manufacture of writing and drawing ink
								Manufacture of other chemical products n.e.c.
270	255	240	242	239	240	242	245	Other industry
28,554	29,409	29,377	29,526	28,793	28,795	28,111	27,956	Manufacture of pharmaceuticals, medicinal chemical and botanical products
19,739	20,583	20,577	20,622	20,296	20,296	19,555	19,356	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
8,815	8,826	8,801	8,904	8,496	8,498	8,555	8,600	Other industry
111,326	114,375	115,321	115,258	114,762	114,605	113,329	112,610	Manufacture of rubber products
6,623	6,577	6,586	6,558	6,595	6,537	6,503	6,538	Manufacture of rubber tyres for vehicles
2,515	2,468	2,479	2,525	2,471	2,468	2,498	2,507	Manufacture of interchangeable tyre treads and retreading rubber tyres
19,159	18,060	17,804	17,692	17,596	17,566	17,430	17,363	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
								Rubber remilling and latex processing
52,129	55,182	55,956	55,653	55,575	55,571	54,214	54,046	Manufacture of rubber gloves
30,899	32,088	32,496	32,831	32,525	32,463	32,684	32,155	Manufacture of other rubber products n.e.c.
169,568	167,163	167,284	167,656	169,184	167,831	168,055	167,549	Manufacture of plastics products
								Manufacture of semi-manufactures of plastic products
38,716	38,939	39,040	38,895	39,045	38,825	38,933	39,006	Manufacture of finished plastic products
53,356	53,552	54,387	54,824	54,670	54,379	54,219	54,117	Manufacture of plastic articles for the packing of goods
3,715	3,717	3,784	3,814	3,855	3,865	3,809	3,826	Manufacture of builders' plastics ware
14,794	14,759	14,397	14,434	14,427	14,407	14,318	14,271	Manufacture of plastic tableware, kitchenware and toilet articles
58,987	56,196	55,677	55,688	57,187	56,355	56,775	56,328	Manufacture of diverse plastic products n.e.c.
21,729	22,497	22,541	22,212	21,936	21,793	21,595	21,469	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2023			
				Q1	Q2	Q3	Q4
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	88,491	87,598	84,597	86,275	88,467	88,491
23911 & 23921	Pembuatan mortar refraktori dan konkrit	9,801	9,203	9,930	9,940	9,890	9,801
23930	Pembuatan seramik bukan refraktori						
23930	Pembuatan produk porselin dan seramik lain	4,467	4,141	4,429	4,517	4,532	4,467
23941	Pembuatan simen hidrolik	7,374	7,458	7,152	7,117	7,085	7,374
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	16,934	17,049	15,664	15,793	16,840	16,934
23952 & 23953 & 23959	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan	31,244	29,738	30,811	31,744	31,841	31,244
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	8,532	8,805	9,416	9,737
	Industri lain	8,934	9,303	8,081	8,360	8,864	8,934
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	57,448	59,399	54,032	54,571	56,411	57,448
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	40,119	38,810	43,283	41,983	40,579	40,119
243	Pengacuan logam	14,589	14,962	15,271	14,598	14,907	14,589
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	60,999	62,441	60,572	59,198	59,930	60,999
25113 & 25119	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	42,207	44,351	40,398	39,265	41,170	42,207
25120	Pembuatan produk struktur logam lain						
	Pembuatan tangki, takungan dan kontena daripada logam	10,497	9,957	11,540	11,296	10,565	10,497
	Industri lain	8,295	8,133	8,633	8,637	8,194	8,295
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	104,424	106,738	101,196	99,035	103,148	104,424
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	22,087	22,871	21,696	20,746	22,294	22,087
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,612	9,978	13,812	13,007	11,600	11,612
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	8,120	9,196	7,797	7,547	8,223	8,120
25992 & 25993	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	20,973	20,968	19,498	19,500	20,294	20,973
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya						
25994	Pembuatan barangan rumah daripada logam	3,615	3,719	3,374	3,354	3,383	3,615
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	25,279	26,814	23,789	23,520	24,658	25,279
	Industri lain	12,738	13,193	11,228	11,362	12,696	12,738
261	Pembuatan komponen dan papan elektronik	238,894	233,680	236,008	242,587	242,230	238,894
26101 & 26102	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	128,999	126,572	127,630	130,000	130,403	128,999
26103 & 26104 & 26105	Pembuatan litar elektronik bersepadu dengan pemasangan mikro						
26103 & 26104	Pembuatan kapasitor dan perintang elektrik	95,182	92,833	94,113	97,567	96,888	95,182
26105	Pembuatan papan litar bercetak						
26109	Pembuatan komponen paparan						
	Pembuatan komponen lain untuk aplikasi elektronik	14,712	14,274	14,265	15,021	14,939	14,712
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	67,464	72,136	66,793	66,941	66,748	67,464
263/ 26300	Pembuatan peralatan komunikasi	26,319	27,447	25,929	26,504	26,052	26,319
264/ 26400	Pembuatan peralatan elektronik pengguna	36,292	37,992	34,130	34,337	37,718	36,292
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	31,691	33,196	32,146	32,143	31,578	31,691
26511 & 26512	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	24,642	25,853	24,911	25,311	24,547	24,642
26520	Pembuatan kelengkapan kawalan proses perindustrian						
	Pembuatan jam tangan dan jam dan bahagiannya	7,049	7,343	7,236	6,832	7,031	7,049
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	12,708	12,778	13,055	13,114	12,862	12,708

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
84,706	85,089	87,310	87,598	84,916	86,992	Manufacture of non-metallic mineral products n.e.c. Manufacture of refractory mortars and concretes
9,010	8,758	8,766	9,203	9,087	9,052	Manufacture of non-refractory ceramic
4,364	4,290	4,339	4,141	4,317	4,175	Manufacture of other porcelain and ceramic products
7,153	7,107	7,396	7,458	7,420	7,522	Manufacture of hydraulic cement
16,016	16,317	16,861	17,049	15,943	16,335	Manufacture of ready-mix and dry-mix concrete and mortars
						Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,317	29,654	29,910	29,738	29,152	29,939	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
9,690	9,621	10,713	10,706	9,826	10,651	Manufacture of other articles of concrete, cement and plaster n.e.c.
9,157	9,342	9,324	9,303	9,171	9,318	Manufacture of other non-metallic mineral products n.e.c. Other industry
57,788	57,789	59,261	59,399	57,243	59,073	Manufacture of basic iron and steel
40,203	39,877	38,905	38,810	40,307	39,199	Manufacture of basic precious and other non-ferrous metals
15,168	14,518	14,935	14,962	15,266	15,472	Casting of metals
61,607	61,803	62,170	62,441	60,874	62,509	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
42,492	42,637	43,590	44,351	41,860	44,207	Manufacture of tanks, reservoirs and containers of metal
10,676	10,801	10,249	9,957	10,717	10,084	Other industry
8,440	8,364	8,331	8,133	8,297	8,218	Other industry
105,871	103,981	106,362	106,738	105,475	106,922	Manufacture of other fabricated metal products; metal working service activities Forging, pressing, stamping and roll-forming of metal; powder metallurgy
21,514	21,169	22,873	22,871	21,429	23,136	Treatment and coating of metals; machining
12,241	11,264	9,981	9,978	11,836	9,957	Manufacture of tins and cans for food products, collapsible tubes and boxes
8,434	8,385	9,129	9,196	8,362	9,298	Manufacture of metal cable, plaited bands and similar articles
21,381	21,100	21,283	20,968	21,472	20,906	Manufacture of bolts, screws, nuts and similar threaded products
3,559	3,309	3,346	3,719	3,604	3,684	Manufacture of metal household articles
25,516	25,412	26,431	26,814	25,452	26,633	Manufacture of any other fabricated metal products n.e.c.
13,226	13,343	13,320	13,193	13,320	13,307	Other industry
230,131	235,558	234,153	233,680	231,534	227,464	Manufacture of electronic components and boards Manufacture of diodes, transistors and similar semiconductor devices
124,881	126,870	126,335	126,572	125,267	121,495	Manufacture of electronic integrated circuits micro assemblies
						Manufacture of electrical capacitors and resistors
90,605	93,978	93,391	92,833	91,486	91,498	Manufacture of printed circuit boards
						Manufacture of display components
14,644	14,709	14,427	14,274	14,781	14,471	Manufacture of other components for electronic applications
67,910	69,261	70,506	72,136	67,423	71,516	Manufacture of computers and peripheral equipment
26,073	26,616	27,355	27,447	25,981	27,562	Manufacture of communication equipment
35,649	35,906	37,677	37,992	35,535	37,212	Manufacture of consumer electronics
32,011	33,332	32,949	33,196	31,940	32,926	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
24,815	26,080	25,495	25,853	24,865	25,772	Manufacture of watches and clocks and parts
7,196	7,252	7,454	7,343	7,076	7,154	Manufacture of watches and clocks and parts
12,236	12,264	12,643	12,778	12,234	12,524	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	86,363	84,916	84,706	85,274	84,968	85,089
23911	Pembuatan mortar refraktori dan konkrit						
&							
23921	Pembuatan seramik bukan refraktori	9,260	9,087	9,010	8,955	8,736	8,758
23930	Pembuatan produk porselin dan seramik lain	4,393	4,317	4,364	4,309	4,295	4,290
23941	Pembuatan simen hidrolik	7,443	7,420	7,153	7,155	7,144	7,107
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	16,968	15,943	16,016	16,009	16,180	16,317
23952	Pembuatan konkrit pratuangan, simen atau artikel batu						
&	buatan yang digunakan dalam pembinaan;						
23953	Pembuatan komponen struktur pasang siap untuk bangunan	29,282	29,152	29,317	29,871	29,460	29,654
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan						
	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.						
23959							
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	9,843	9,826	9,690	9,660	9,892	9,621
	Industri lain	9,174	9,171	9,157	9,314	9,263	9,342
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	57,986	57,243	57,788	57,698	57,684	57,789
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
243	Pengacuan logam	14,965	15,266	15,168	15,143	15,031	14,518
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
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan						
&	pintu pagar daripada logam						
25119	Pembuatan produk struktur logam lain	42,022	41,860	42,492	42,482	41,995	42,637
25120	Pembuatan tangki, takungan dan kontena daripada logam	10,690	10,717	10,676	10,702	10,805	10,801
	Industri lain	8,397	8,297	8,440	8,306	8,385	8,364
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	105,606	105,475	105,871	105,095	105,356	103,981
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	22,075	21,429	21,514	21,480	21,533	21,169
25920	Rawatan dan penyalutan logam; menggunakan mesin	11,827	11,836	12,241	11,687	11,536	11,264
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
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam						
&							
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	21,450	21,472	21,381	21,310	21,337	21,100
25994	Pembuatan barangan rumah daripada logam	3,600	3,604	3,559	3,525	3,525	3,309
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	25,376	25,452	25,516	25,654	25,800	25,412
	Industri lain	12,762	13,320	13,226	13,072	13,216	13,343
261	Pembuatan komponen dan papan elektronik	235,495	231,534	230,131	232,987	234,698	235,558
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya						
&							
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	127,090	125,267	124,881	126,875	126,954	126,870
26103	Pembuatan kapasitor dan perintang elektrik						
&							
26104	Pembuatan papan litar bercetak	93,640	91,486	90,605	91,549	93,158	93,978
&							
26105	Pembuatan komponen paparan						
26109	Pembuatan komponen lain untuk aplikasi elektronik	14,765	14,781	14,644	14,563	14,587	14,709
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	67,223	67,423	67,910	67,698	68,606	69,261
263/ 26300	Pembuatan peralatan komunikasi	26,117	25,981	26,073	26,365	26,655	26,616
264/ 26400	Pembuatan peralatan elektronik pengguna	35,644	35,535	35,649	35,077	35,941	35,906
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	31,823	31,940	32,011	32,052	32,589	33,332
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	24,764	24,865	24,815	24,941	25,412	26,080
&							
26512	Pembuatan kelengkapan kawalan proses perindustrian						
26520	Pembuatan jam tangan dan jam dan bahagiannya	7,059	7,076	7,196	7,111	7,177	7,252
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	12,273	12,234	12,236	12,194	12,228	12,264

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
86,462	86,714	87,310	87,672	87,890	87,598	87,966	86,992	Manufacture of non-metallic mineral products n.e.c.
								Manufacture of refractory mortars and concretes
8,687	8,666	8,766	9,124	9,217	9,203	9,092	9,052	Manufacture of non-refractory ceramic
4,393	4,506	4,339	4,264	4,203	4,141	4,120	4,175	Manufacture of other porcelain and ceramic products
7,453	7,444	7,396	7,447	7,433	7,458	7,546	7,522	Manufacture of hydraulic cement
16,631	16,631	16,861	16,995	17,029	17,049	17,406	16,335	Manufacture of ready-mix and dry-mix concrete and mortars
								Manufacture of precast concrete, cement or artificial stone articles for use in construction
29,628	29,646	29,910	29,912	29,863	29,738	29,834	29,939	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
								Manufacture of other articles of concrete, cement and plaster n.e.c.
10,194	10,521	10,713	10,621	10,710	10,706	10,710	10,651	Manufacture of other non-metallic mineral products n.e.c.
9,477	9,301	9,324	9,309	9,435	9,303	9,257	9,318	Other industry
57,545	57,988	59,261	59,210	59,230	59,399	59,693	59,073	Manufacture of basic iron and steel
39,520	39,063	38,905	38,737	38,672	38,810	39,036	39,199	Manufacture of basic precious and other non-ferrous metals
15,110	14,842	14,935	15,124	15,027	14,962	15,413	15,472	Casting of metals
61,788	62,466	62,170	62,012	61,028	62,441	62,982	62,509	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
								Manufacture of metal doors, windows and their frames, shutters and gates
42,574	44,220	43,590	43,783	42,859	44,351	44,578	44,207	Manufacture of other structural metal products
10,830	9,784	10,249	10,059	10,031	9,957	10,084	10,084	Manufacture of tanks, reservoirs and containers of metal
8,385	8,461	8,331	8,170	8,138	8,133	8,319	8,218	Other industry
104,485	106,778	106,362	105,783	105,541	106,738	106,763	106,922	Manufacture of other fabricated metal products; metal working service activities
								Forging, pressing, stamping and roll-forming of metal; powder metallurgy
21,836	22,644	22,873	22,714	22,477	22,871	23,149	23,136	Treatment and coating of metals; machining
11,120	10,059	9,981	9,846	9,858	9,978	9,939	9,957	Manufacture of tins and cans for food products, collapsible tubes and boxes
8,500	9,275	9,129	9,276	9,172	9,196	9,285	9,298	Manufacture of metal cable, plaited bands and similar articles
								Manufacture of bolts, screws, nuts and similar threaded products
20,722	21,494	21,283	21,048	21,058	20,968	20,987	20,906	
3,291	3,283	3,346	3,397	3,720	3,719	3,693	3,684	Manufacture of metal household articles
25,443	26,484	26,431	26,191	26,050	26,814	26,539	26,633	Manufacture of any other fabricated metal products n.e.c.
13,573	13,539	13,320	13,312	13,207	13,193	13,172	13,307	Other industry
227,849	226,910	234,153	235,253	234,726	233,680	229,185	227,464	Manufacture of electronic components and boards
								Manufacture of diodes, transistors and similar semiconductor devices
122,340	120,744	126,335	126,803	126,374	126,572	123,421	121,495	Manufacture of electronic integrated circuits micro assemblies
								Manufacture of electrical capacitors and resistors
90,764	91,642	93,391	94,057	93,998	92,833	91,316	91,498	Manufacture of printed circuit boards
								Manufacture of display components
14,744	14,524	14,427	14,392	14,354	14,274	14,448	14,471	Manufacture of other components for electronic applications
68,949	70,250	70,506	71,060	71,993	72,136	71,506	71,516	Manufacture of computers and peripheral equipment
26,228	27,322	27,355	27,547	27,650	27,447	27,607	27,562	Manufacture of communication equipment
36,048	35,823	37,677	37,418	39,362	37,992	37,411	37,212	Manufacture of consumer electronics
32,463	31,941	32,949	33,281	33,287	33,196	32,857	32,926	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
								Manufacture of measuring, testing, navigating and control equipment
25,212	24,764	25,495	25,902	25,908	25,853	25,686	25,772	Manufacture of industrial process control equipment
7,251	7,177	7,454	7,380	7,379	7,343	7,171	7,154	Manufacture of watches and clocks and parts
11,713	12,231	12,643	12,718	12,748	12,778	12,502	12,524	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	2023			
				Q1	Q2	Q3	Q4
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,915	5,497	5,980	5,853	6,236	5,915
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,800	44,383	44,617	43,394	44,787	43,800
27101	Pembuatan motor elektrik, penjana dan transformer	18,737	18,922	18,928	18,215	19,102	18,737
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,064	25,460	25,689	25,179	25,685	25,064
272/ 27200	Pembuatan bateri dan akumulator	8,671	8,321	8,624	8,589	8,939	8,671
273	Pembuatan pendawaian dan peranti pendawaian	23,530	24,520	24,299	23,545	24,010	23,530
27310	Pembuatan kabel gentian optikal	969	1,029	949	975	962	969
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	20,980	21,902	21,892	21,073	21,463	20,980
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,581	1,590	1,459	1,496	1,585	1,581
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,934	4,115	3,624	3,555	3,908	3,934
275/ 27500	Pembuatan perkakasan domestik	14,766	13,735	15,597	15,738	15,024	14,766
279/ 27900	Pembuatan kelengkapan elektrik lain	7,709	7,919	7,873	7,726	7,785	7,709
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	93,994	95,294	97,105	98,507	95,536	93,994
28120 & 28130	Pembuatan alat-alat kuasa bendalir	6,346	5,407	7,916	7,978	7,314	6,346
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	22,879	23,370	22,743	22,759
28192	Pembuatan jentera pembentukan logam dan alatan mesin						
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	8,842	8,679	10,320	9,918	9,058	8,842
28290	Pembuatan mesin lain-lain mesin bertujuan khas t.t.t.l.	8,427	8,710	9,516	9,741	8,443	8,427
	Industri lain	47,621	49,485	46,473	47,499	47,977	47,621
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,665	25,223	24,538	24,742	25,777	25,665
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,712	9,114	7,572	7,608	8,612	8,712
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,237	53,458	54,927	54,735	53,178	53,237
301 (30110 & 30120)	Pembinaan kapal dan bot	15,257	15,041	14,201	14,379	15,054	15,257
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	30,053	29,372	28,999	29,049
30910	Pembuatan motosikal	12,956	13,901	12,510	11,955	12,904	12,956
30920	Pembuatan basikal dan invalid carriages	1,579	1,707	3,241	3,048	1,749	1,579
	Industri lain	14,514	14,330	14,302	14,368	14,346	14,514
310	Pembuatan perabot	81,979	83,470	79,337	80,585	81,400	81,979
31001	Pembuatan perabot kayu dan rotan	62,863	64,306	60,595	61,797	62,840	62,863
	Industri lain	19,116	19,163	18,742	18,787	18,561	19,116
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	5,665	4,813	6,107	5,818	5,597	5,665
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,203	29,262	27,190	27,092	28,430	28,203
32901	Pembuatan alat tulis	6,097	6,181	6,062	5,971	6,269	6,097
	Industri lain	22,107	23,081	21,129	21,121	22,162	22,107
323/ 32300	Pembuatan barangan sukan	2,108	1,931	2,585	2,583	2,149	2,108
324/ 32400	Pembuatan permainan dan mainan	4,999	4,998	5,052	4,999	5,026	4,999
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	43,843	43,938	43,583	43,593	43,616	43,843
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	7,256	7,227	7,280	7,339	7,324	7,256
	Industri lain	36,587	36,711	36,302	36,254	36,292	36,587
Jumlah Pembuatan		2,374,557	2,398,863	2,351,269	2,345,574	2,372,752	2,374,557

2024		2024		2025		Group Description/Period
Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
5,855	5,740	5,570	5,497	5,718	5,514	Manufacture of optical instruments, photographic equipment, magnetic and optical media
43,055	42,848	44,686	44,383	43,094	44,388	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
18,827	18,933	19,612	18,922	18,703	18,986	Manufacture of electric motors, generators and transformers
24,229	23,915	25,074	25,460	24,390	25,402	Manufacture of electricity distribution and control apparatus
8,775	8,692	8,475	8,321	8,792	8,525	Manufacture of batteries and accumulators
23,981	23,726	24,056	24,520	23,927	24,925	Manufacture of wiring and wiring devices
968	1,024	1,000	1,029	965	1,039	Manufacture of fibre optic cables
21,442	21,105	21,431	21,902	21,374	22,297	Manufacture of other electronic and electric wires and cables
1,571	1,597	1,626	1,590	1,588	1,590	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,007	4,013	4,079	4,115	3,872	3,890	Manufacture of electric lighting equipment
15,468	15,175	13,892	13,735	14,697	13,931	Manufacture of domestic appliances
7,630	7,587	7,752	7,919	7,657	7,906	Manufacture of other electrical equipment
94,976	96,215	95,747	95,294	95,978	97,213	Manufacture of general-purpose and special-purpose machinery
5,958	5,873	5,807	5,407	5,992	5,394	Manufacture of fluid power equipmen
						Manufacture of other pumps, compressors, taps and valves
22,920	23,750	22,811	23,013	23,887	24,106	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
9,010	8,691	8,631	8,679	9,039	8,844	Manufacture of metal-forming machinery and machine tools
8,529	8,573	8,588	8,710	8,489	8,890	Manufacture of air-conditioning machines, including for motor vehicles
48,558	49,329	49,910	49,485	48,571	49,979	Manufacture of other special-purpose machinery n.e.c.
						Other industry
24,734	24,577	25,268	25,223	25,619	25,352	Manufacture of motor vehicles
8,387	8,169	9,168	9,114	8,469	9,076	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
51,853	54,479	53,321	53,458	53,222	53,068	Manufacture of parts and accessories for motor vehicles
15,150	14,917	14,779	15,041	15,387	14,868	Building of ships and boats
29,451	29,677	30,152	29,938	29,205	30,161	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
13,186	13,109	13,747	13,901	12,857	13,788	Manufacture of motorcycles
1,485	1,617	1,673	1,707	1,512	1,655	Manufacture of bicycles and invalid carriages
14,780	14,951	14,732	14,330	14,837	14,718	Other industry
83,395	83,335	83,263	83,470	83,028	84,166	Manufacture of furniture
63,535	63,632	63,849	64,306	63,139	64,665	Manufacture of wooden and cane furniture
19,861	19,703	19,415	19,163	19,889	19,501	Other industry
5,726	5,462	5,162	4,813	5,546	4,812	Manufacture of jewellery, bijouterie and related articles
28,288	28,153	29,219	29,262	28,306	29,856	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
5,999	5,863	6,226	6,181	6,015	6,239	Manufacture of stationery
22,289	22,291	22,993	23,081	22,291	23,617	Other industry
2,351	2,382	1,978	1,931	2,162	1,956	Manufacture of sports goods
4,963	4,975	4,918	4,998	4,967	5,000	Manufacture of games and toys
44,429	43,757	43,700	43,938	44,254	45,003	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
7,560	7,478	7,331	7,227	7,516	7,469	Repair and maintenance of transport equipment except motorcycles and bicycles
36,869	36,278	36,369	36,711	36,739	37,534	Other industry
2,363,344	2,369,595	2,391,104	2,398,863	2,365,000	2,393,664	Total Manufacturing

Jadual
Table

1.5a

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2024					
		Jan.	Feb.	Mac	Apr.	Mei	Jun
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	5,678	5,718	5,855	5,930	5,794	5,740
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	43,821	43,094	43,055	42,930	43,210	42,848
27101	Pembuatan motor elektrik, penjana dan transformer	18,722	18,703	18,827	18,875	19,029	18,933
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	25,099	24,390	24,229	24,055	24,181	23,915
272/ 27200	Pembuatan bateri dan akumulator	8,677	8,792	8,775	8,756	8,793	8,692
273	Pembuatan pendawaian dan peranti pendawaian	23,984	23,927	23,981	23,986	23,985	23,726
27310	Pembuatan kabel gentian optikal	969	965	968	989	1,003	1,024
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	21,421	21,374	21,442	21,414	21,400	21,105
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	1,594	1,588	1,571	1,582	1,582	1,597
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	3,976	3,872	4,007	3,901	3,938	4,013
275/ 27500	Pembuatan perkakasan domestik	14,858	14,697	15,468	15,379	15,364	15,175
279/ 27900	Pembuatan kelengkapan elektrik lain	7,734	7,657	7,630	7,607	7,617	7,587
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	94,750	95,978	94,976	95,061	94,429	96,215
28120 & 28130	Pembuatan alat-alat kuasa bendalir	5,997	5,992	5,958	5,974	5,995	5,873
28180 & 28220	Pembuatan pam, pemampat, kepala paip dan injap lain						
28180 & 28192	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	23,198	23,887	22,920	23,014	22,891	23,750
28192	Pembuatan jentera pembentukan logam dan alatan mesin						
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	9,034	9,039	9,010	9,222	8,700	8,691
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8,450	8,489	8,529	8,479	8,536	8,573
		48,070	48,571	48,558	48,373	48,307	49,329
291 (29101 & 29102)	Pembuatan kenderaan bermotor	25,698	25,619	24,734	24,755	24,536	24,577
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	8,550	8,469	8,387	8,356	8,367	8,169
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	53,768	53,222	51,853	55,315	54,799	54,479
301 (30110 & 30120)	Pembinaan kapal dan bot	15,401	15,387	15,150	14,962	14,919	14,917
302, 303, 304 & 309	Pembuatan lokomotif keretapi, <i>rolling stock</i> , kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	29,327	29,205	29,451	29,490	29,735	29,677
30910	Pembuatan motosikal	12,902	12,857	13,186	13,207	13,124	13,109
30920	Pembuatan basikal dan <i>invalid carriages</i> Industri lain	1,543	1,512	1,485	1,486	1,561	1,617
		14,882	14,837	14,780	14,798	15,050	14,951
310	Pembuatan perabot	82,638	83,028	83,395	85,027	84,819	83,335
31001	Pembuatan perabot kayu dan rotan Industri lain	62,863	63,139	63,535	65,077	65,036	63,632
		19,775	19,889	19,861	19,951	19,783	19,703
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	5,692	5,546	5,726	5,618	5,685	5,462
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	28,053	28,306	28,288	28,061	28,063	28,153
32901	Pembuatan alat tulis Industri lain	5,979	6,015	5,999	6,032	5,838	5,863
		22,074	22,291	22,289	22,030	22,226	22,291
323/ 32300	Pembuatan barangan sukan	2,156	2,162	2,351	2,402	2,419	2,382
324/ 32400	Pembuatan permainan dan mainan	4,933	4,967	4,963	4,935	4,963	4,975
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	44,459	44,254	44,429	44,148	44,174	43,757
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal Industri lain	7,476	7,516	7,560	7,589	7,434	7,478
		36,983	36,739	36,869	36,559	36,740	36,278
Jumlah Pembuatan		2,372,913	2,365,000	2,363,344	2,372,596	2,377,714	2,369,595

2025								Group Description/Period
Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
5,603	5,523	5,570	5,523	5,511	5,497	5,491	5,514	Manufacture of optical instruments, photographic equipment, magnetic and optical media
44,533	44,840	44,686	45,552	44,459	44,383	44,245	44,388	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
19,092	19,643	19,612	19,480	18,997	18,922	18,974	18,986	Manufacture of electric motors, generators and transformers
25,441	25,197	25,074	26,072	25,461	25,460	25,271	25,402	Manufacture of electricity distribution and control apparatus
8,581	8,622	8,475	8,458	8,421	8,321	8,587	8,525	Manufacture of batteries and accumulators
23,515	23,985	24,056	24,596	24,559	24,520	24,864	24,925	Manufacture of wiring and wiring devices
1,005	997	1,000	1,023	1,028	1,029	1,029	1,039	Manufacture of fibre optic cables
20,980	21,356	21,431	21,947	21,966	21,902	22,245	22,297	Manufacture of other electronic and electric wires and cables
1,530	1,632	1,626	1,626	1,565	1,590	1,590	1,590	Manufacture of current -carrying and non current-carrying wiring devices for electrical circuits regardless of material
4,098	4,076	4,079	4,121	4,124	4,115	4,003	3,890	Manufacture of electric lighting equipment
14,856	14,582	13,892	13,852	13,739	13,735	13,955	13,931	Manufacture of domestic appliances
7,544	7,739	7,752	7,784	7,880	7,919	7,942	7,906	Manufacture of other electrical equipment
96,394	96,165	95,747	95,906	96,215	95,294	95,709	97,213	Manufacture of general-purpose and special-purpose machinery
5,911	5,915	5,807	5,885	5,834	5,407	5,391	5,394	Manufacture of fluid power equipment
23,517	23,150	22,811	22,984	23,271	23,013	23,430	24,106	Manufacture of other pumps, compressors, taps and valves
8,579	8,498	8,631	8,660	8,654	8,679	8,649	8,844	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
8,604	8,457	8,588	8,671	8,698	8,710	8,890	8,890	Manufacture of metal-forming machinery and machine tools
49,783	50,146	49,910	49,706	49,758	49,485	49,349	49,979	Manufacture of air-conditioning machines, including for motor vehicles
25,052	25,521	25,268	25,835	25,779	25,223	25,179	25,352	Manufacture of other special-purpose machinery n.e.c.
8,274	9,191	9,168	8,966	9,013	9,114	9,068	9,076	Other industry
54,802	53,486	53,321	53,789	53,205	53,458	53,416	53,068	Manufacture of motor vehicles
14,824	14,744	14,779	14,654	14,614	15,041	15,239	14,868	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
30,508	29,643	30,152	29,768	30,087	29,938	30,038	30,161	Manufacture of parts and accessories for motor vehicles
14,035	13,241	13,747	13,546	13,868	13,901	13,818	13,788	Building of ships and boats
1,646	1,669	1,673	1,693	1,711	1,707	1,661	1,655	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
14,827	14,733	14,732	14,529	14,509	14,330	14,559	14,718	Manufacture of motorcycles
82,533	83,277	83,263	84,130	83,248	83,470	83,647	84,166	Manufacture of bicycles and invalid carriages
62,790	63,894	63,849	64,627	63,956	64,306	64,245	64,665	Other industry
19,743	19,384	19,415	19,503	19,292	19,163	19,402	19,501	Manufacture of furniture
5,211	5,226	5,162	5,225	5,225	4,813	4,793	4,812	Manufacture of wooden and cane furniture
29,104	29,112	29,219	29,286	29,317	29,262	29,346	29,856	Other industry
5,948	6,190	6,226	6,161	6,169	6,181	6,187	6,239	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
23,156	22,922	22,993	23,125	23,148	23,081	23,159	23,617	Manufacture of stationery
2,395	2,000	1,978	1,953	1,942	1,931	1,955	1,956	Other industry
4,994	4,986	4,918	5,019	5,028	4,998	4,968	5,000	Manufacture of sports goods
44,231	44,565	43,700	44,001	43,697	43,938	44,773	45,003	Manufacture of games and toys
7,530	7,547	7,331	7,188	7,220	7,227	7,414	7,469	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
36,701	37,018	36,369	36,813	36,477	36,711	37,358	37,534	Repair and maintenance of transport equipment except motorcycles and bicycles
2,369,452	2,378,065	2,391,104	2,400,072	2,401,839	2,398,863	2,394,984	2,393,664	Other industry
Total Manufacturing								

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
101	Pemprosesan dan pengawetan daging	7.8	4.1	6.3	9.5	10.3	7.8	8.1	1.7	2.9	4.1	7.8	1.1	
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.5	0.3	9.1	6.0	5.3	3.5	1.3	1.9	-0.03	0.3	1.5	-1.2	
	10201 Pengetinan ikan, krustasea dan moluska													
	&													
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	2.2	-1.4	9.5	6.3	4.8	2.2	-0.5	0.9	-2.1	-1.4	-0.4	-2.1	
	Industri lain	10.7	9.0	6.7	4.6	7.5	10.7	11.3	7.3	10.6	9.0	11.6	3.4	
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	1.7	-5.9	2.2	6.0	4.0	1.7	2.4	-4.0	-7.2	-5.9	1.5	-8.0	
	10303 Pengetinan nanas													
	&													
	10304 Pembuatan jem, marmalad dan sajian jeli	-8.1	-5.2	17.0	5.4	7.4	-8.1	2.7	1.2	-3.9	-5.2	5.9	-8.2	
	Industri lain	2.3	-6.0	1.5	6.1	3.8	2.3	2.4	-4.3	-7.4	-6.0	1.2	-7.9	
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	6.7	2.6	6.9	7.0	8.9	6.7	4.5	5.6	1.9	2.6	4.4	2.9	
	10404 Pembuatan minyak sayuran mentah dan bertapis													
	&													
	10406 Pembuatan sebatian lemak masakan	10.5	6.8	9.9	8.3	16.3	10.5	11.6	12.7	6.9	6.8	12.0	5.5	
	10405 Pembuatan minyak kelapa	3.5	0.8	3.5	1.3	3.7	3.5	4.4	4.2	1.1	0.8	4.9	1.2	
	Industri lain	6.6	2.4	6.9	7.2	8.7	6.6	4.1	5.3	1.7	2.4	4.0	2.8	
105	Pembuatan produk tenusu	4.2	1.9	2.5	-0.1	4.4	4.2	5.8	5.4	3.3	1.9	4.3	0.1	
	10502 Pembuatan susu pekat, tepung dan sejat	1.9	1.1	1.3	-0.9	3.2	1.9	5.4	4.3	2.1	1.1	2.9	-0.8	
	Industri lain	10.1	3.9	5.9	2.0	7.7	10.1	7.0	8.5	6.1	3.9	8.1	2.4	
106	Pembuatan produk bijian, kanji dan produk berkanji	3.0	0.5	4.3	4.3	4.1	3.0	-0.1	-0.5	2.7	0.5	-0.6	5.8	
	10611 Pengilangan beras	1.8	2.3	8.5	6.8	2.9	1.8	0.3	0.1	6.0	2.3	1.1	5.1	
	10613 Pengilangan tepung	6.1	0.2	2.8	4.1	7.7	6.1	-0.4	-0.8	0.8	0.2	-1.9	9.3	
	Industri lain	-5.5	-9.2	-9.4	-7.6	-6.7	-5.5	-1.6	-2.6	-6.2	-9.2	-3.6	-9.2	
107	Pembuatan produk makanan lain	8.9	3.0	4.6	5.7	9.8	8.9	7.0	6.1	4.4	3.0	7.2	2.8	
	10711 Pembuatan biskut dan cookies	2.8	1.1	2.1	0.6	1.6	2.8	-2.2	-0.1	3.1	1.1	-1.8	-2.0	
	10712 Pembuatan roti, kek dan produk bakeri lain	8.0	3.9	8.7	9.6	11.5	8.0	5.6	6.8	6.3	3.9	7.6	2.9	
	10713 Pembuatan produk snek	8.8	2.3	5.3	4.9	7.9	8.8	8.2	7.9	7.6	2.3	8.2	2.2	
	10721 Pembuatan gula	5.3	-0.4	-0.5	2.7	7.2	5.3	3.9	2.5	-3.6	-0.4	5.5	-0.9	
	10731 Pembuatan produk koko	3.2	-9.1	-2.2	1.1	-0.5	3.2	1.8	-8.1	-9.7	-9.1	2.1	-5.5	
	10732 Pembuatan coklat dan produk coklat													
	&													
	10733 Pembuatan konfeksi gula	9.8	1.0	-0.1	-1.7	3.7	9.8	9.5	7.6	1.2	1.0	9.4	2.1	
	10793 Pembuatan sos dan bahan perasa	16.4	12.3	10.0	8.8	17.7	16.4	16.8	12.8	17.8	12.3	16.4	13.0	
	10799 Pembuatan produk makanan lain t.t.t.l.	20.0	3.6	-7.4	4.0	16.9	20.0	20.2	13.2	2.5	3.6	20.2	3.0	
	Industri lain	5.6	1.1	7.9	6.7	8.8	5.6	3.1	3.2	1.2	1.1	2.0	2.1	
108/ 10800	Pembuatan makanan haiwan tersedia	-12.2	1.8	5.3	-1.8	-7.6	-12.2	-10.6	-9.2	-4.3	1.8	-11.2	2.8	
110	Pembuatan minuman ringan	2.6	2.6	2.9	3.8	2.8	2.6	2.1	2.8	2.1	2.6	2.0	2.7	
	11041 Pembuatan minuman ringan	0.9	2.9	1.7	2.7	0.9	0.9	1.3	2.1	2.1	2.9	0.7	2.4	
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	4.8	3.0	4.9	4.8	5.5	4.8	1.2	1.6	1.7	3.0	2.8	3.8	
	Industri lain	8.1	0.2	5.2	8.2	8.7	8.1	9.3	9.3	3.2	0.2	7.4	2.0	
120/ 12000	Pembuatan produk tembakau	2.2	1.5	2.4	7.1	6.1	2.2	-8.0	-0.2	0.3	1.5	-8.5	1.0	
131	Pemintalan, penenunan dan penyiapan tekstil	1.2	4.1	0.5	2.8	2.6	1.2	1.5	4.0	3.4	4.1	0.2	3.2	
	13110 Penyediaan dan pemintalan gentian tekstil													
	&													
	13120 Penenunan tekstil	3.2	1.9	1.2	4.2	6.6	3.2	3.7	6.4	-0.1	1.9	2.1	0.7	
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-4.5	9.4	-1.6	-0.8	-7.2	-4.5	-3.3	-1.7	12.9	9.4	-3.9	9.3	
	Industri lain	8.6	8.7	3.7	6.9	7.5	8.6	-4.5	0.8	0.4	8.7	-5.0	6.0	
139	Pembuatan tekstil lain	1.9	-1.7	3.2	2.4	2.5	1.9	0.1	-1.7	-1.7	-1.7	0.8	-1.9	
	13910 Pembuatan fabrik dikait dan dikrusye	-4.5	-1.2	-4.8	-5.1	-6.1	-4.5	-3.8	-1.9	-2.0	-1.2	-6.4	-2.3	
	Industri lain	6.0	-1.9	8.8	7.4	8.2	6.0	2.4	-1.6	-1.5	-1.9	5.4	-1.7	
141	Pembuatan pakaian, kecuali pakaian berbulu	2.6	-1.4	1.8	3.1	3.0	2.6	3.5	2.3	2.5	-1.4	3.3	0.9	
	14102 Pembuatan pakaian	2.6	-1.4	3.2	2.8	2.3	2.6	4.3	3.6	3.6	-1.4	4.0	0.7	
	Industri lain	2.6	-1.4	-1.9	4.0	4.9	2.6	1.3	-1.0	-0.2	-1.4	1.4	1.5	
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	8.5	-3.9	6.7	5.4	10.3	8.5	0.9	0.8	-0.7	-3.9	2.8	-3.8	
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-0.6	-1.0	-0.3	0.8	1.2	-0.6	-5.8	-2.9	-0.8	-1.0	-4.5	0.01	
152	Pembuatan kasut	5.3	4.9	9.9	7.6	5.7	5.3	3.3	2.9	3.9	4.9	2.5	3.7	
	15201 Pembuatan kasut kulit													
	&													
	15203 Pembuatan kasut getah	-0.8	0.6	7.4	1.4	-0.02	-0.8	-0.8	1.7	0.6	0.6	-1.0	-1.7	
	Industri lain	12.9	9.6	13.0	15.2	12.8	12.9	8.1	4.3	7.5	9.6	6.7	9.7	
161/ 16100	Pengilangan dan pengetaman kayu	-2.6	0.6	-1.7	-2.4	-3.6	-2.6	-3.8	-1.8	-0.9	0.6	-7.0	3.7	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
5.9	6.9	8.1	4.0	4.1	1.7	3.9	3.5	2.9	2.2	2.1	4.1	3.8	1.1	Processing and preserving of meat
4.5	1.5	1.3	3.2	3.0	1.9	0.4	0.4	-0.03	-1.2	-0.3	0.3	-1.0	-1.2	Processing and preserving of fish, crustaceans and molluscs
3.2	-0.4	-0.5	1.7	1.6	0.9	-2.1	-2.0	-2.1	-3.2	-2.3	-1.4	-2.3	-2.1	Canning of fish, crustaceans and molluscs
11.5	11.6	11.3	11.4	11.0	7.3	14.6	12.4	10.6	9.2	10.0	9.0	5.3	3.4	Processing, curing and preserving of fish, crustacean and molluscs
														Other industry
1.8	1.5	2.4	1.4	-3.5	-4.0	-5.2	-1.8	-7.2	-8.0	-7.4	-5.9	-7.2	-8.0	Processing and preserving of fruits and vegetable
-3.3	5.9	2.7	3.8	-1.0	1.2	-2.2	-1.7	-3.9	-5.5	-4.5	-5.2	-5.5	-8.2	Pineapple canning
2.1	1.2	2.4	1.3	-3.7	-4.3	-5.4	-1.8	-7.4	-8.1	-7.6	-6.0	-7.3	-7.9	Manufacture of jams, marmalades and table jellies
5.8	4.4	4.5	5.3	5.5	5.6	5.4	4.6	1.9	1.4	2.1	2.6	2.7	2.9	Manufacture of vegetable and animal oils and fats
8.2	12.0	11.6	14.4	13.7	12.7	12.1	8.4	6.9	7.1	6.9	6.8	11.0	5.5	Manufacture of crude and refined vegetable oil
4.7	4.9	4.4	4.5	4.5	4.2	5.1	3.4	1.1	1.2	1.2	0.8	1.7	1.2	Manufacture of compound cooking fats
5.7	4.0	4.1	4.9	5.1	5.3	5.1	4.4	1.7	1.0	1.9	2.4	2.3	2.8	Manufacture of coconut oil
4.8	4.3	5.8	5.4	7.6	5.4	5.0	5.0	3.3	2.8	2.3	1.9	0.4	0.1	Manufacture of dairy products
3.6	2.9	5.4	3.6	7.3	4.3	3.6	3.6	2.1	1.8	1.6	1.1	-1.7	-0.8	Manufacture of condensed, powdered and evaporated milk
7.9	8.1	7.0	10.4	8.6	8.5	8.5	8.8	6.1	5.2	4.0	3.9	5.7	2.4	Other industry
3.2	-0.6	-0.1	0.2	-0.5	-0.5	-1.3	2.1	2.7	2.3	1.5	0.5	1.3	5.8	Manufacture of grain mill products, starches and starch products
2.5	1.1	0.3	1.4	0.6	0.1	0.1	5.2	6.0	5.0	2.4	2.3	3.2	5.1	Rice milling
6.1	-1.9	-0.4	-0.3	-1.0	-0.8	-2.3	-0.2	0.8	1.1	2.3	0.2	1.0	9.3	Flour milling
-7.7	-3.6	-1.6	-3.3	-4.6	-2.6	-3.6	-3.2	-6.2	-7.2	-8.8	-9.2	-8.6	-9.2	Other industry
8.3	7.2	7.0	6.8	6.8	6.1	6.4	5.5	4.4	3.8	3.6	3.0	2.6	2.8	Manufacture of other food products
0.8	-1.8	-2.2	-1.8	-0.5	-0.1	2.6	3.0	3.1	2.9	2.2	1.1	-0.5	-2.0	Manufacture of biscuits and cookies
7.8	7.6	5.6	7.4	7.9	6.8	5.8	7.7	6.3	4.6	4.5	3.9	3.6	2.9	Manufacture of bread, cakes and other bakery products
10.4	8.2	8.2	7.6	7.3	7.9	9.9	6.9	7.6	7.3	5.6	2.3	0.5	2.2	Manufacture of snack products
5.3	5.5	3.9	3.1	2.3	2.5	2.1	-2.5	-3.6	-4.4	-1.8	-0.4	-0.6	-0.9	Manufacture of sugar
3.4	2.1	1.8	0.4	-6.7	-8.1	-8.6	-8.7	-9.7	-10.1	-9.6	-9.1	-5.9	-5.5	Manufacture of cocoa products
7.9	9.4	9.5	7.8	8.3	7.6	7.0	0.5	1.2	1.2	0.1	1.0	0.4	2.1	Manufacture of chocolate and chocolate products
16.8	16.4	16.8	16.5	16.0	12.8	15.2	19.1	17.8	18.0	11.9	12.3	12.5	13.0	Manufacture of sugar confectionery
19.1	20.2	20.2	14.5	13.1	13.2	12.9	3.6	2.5	0.2	4.9	3.6	3.0	3.0	Manufacture of sauces and condiments
4.5	2.0	3.1	3.5	3.7	3.2	3.1	3.0	1.2	1.6	1.4	1.1	0.8	2.1	Manufacture of other food products n.e.c.
-10.9	-11.2	-10.6	-7.7	-7.6	-9.2	-8.5	-4.2	-4.3	-2.5	-3.2	1.8	2.9	2.8	Manufacture of prepared animal feeds
2.8	2.0	2.1	2.6	2.5	2.8	1.9	2.3	2.1	2.4	2.5	2.6	2.5	2.7	Manufacture of beverages
1.8	0.7	1.3	1.7	1.6	2.1	1.3	1.8	2.1	2.5	2.4	2.9	2.2	2.4	Manufacture of soft drinks
2.8	2.8	1.2	1.5	1.7	1.6	0.9	1.8	1.7	1.6	2.7	3.0	3.2	3.8	Production of natural mineral waters and other bottled waters
8.1	7.4	9.3	10.3	9.1	9.3	7.8	6.3	3.2	3.4	2.9	0.2	2.9	2.0	Other industry
-1.8	-8.5	-8.0	-1.4	-1.6	-0.2	1.5	1.1	0.3	0.2	0.1	1.5	1.2	1.0	Manufacture of tobacco products
-0.3	0.2	1.5	2.8	3.9	4.0	6.1	3.4	3.4	2.7	3.4	4.1	4.3	3.2	Spinning, weaving and finishing of textiles
1.4	2.1	3.7	5.7	7.1	6.4	4.6	0.9	-0.1	-0.01	0.6	1.9	2.4	0.7	Preparation and spinning of textile fibres
-4.4	-3.9	-3.3	-4.1	-3.5	-1.7	11.0	10.7	12.9	9.9	9.9	9.4	9.1	9.3	Weaving of textiles
-1.2	-5.0	-4.5	0.8	1.0	0.8	-0.9	-1.9	0.4	0.4	9.6	8.7	5.8	6.0	Dyeing, bleaching, printing and finishing of yarns and fabrics
2.8	0.8	0.1	-1.0	-1.2	-1.7	-2.6	-1.8	-1.7	-1.4	-1.8	-1.7	-2.4	-1.9	Other industry
-3.1	-6.4	-3.8	-4.8	-1.8	-1.9	-2.0	-1.4	-2.0	-2.1	-2.0	-1.2	-2.4	-2.3	Manufacture of other textiles
6.5	5.4	2.4	1.3	-0.8	-1.6	-2.9	-2.0	-1.5	-1.1	-1.6	-1.9	-2.5	-1.7	Manufacture of knitted and crocheted fabrics
2.9	3.3	3.5	2.8	2.8	2.3	2.7	2.1	2.5	2.0	-1.6	-1.4	0.7	0.9	Other industry
2.8	4.0	4.3	3.9	4.0	3.6	4.4	3.2	3.6	2.3	-1.5	-1.4	1.1	0.7	Manufacture of wearing apparel, except fur
3.4	1.4	1.3	0.1	-0.3	-1.0	-1.6	-0.7	-0.2	1.0	-1.8	-1.4	-0.4	1.5	Manufacture of clothings
6.5	2.8	0.9	3.5	2.6	0.8	1.0	-2.7	-0.7	0.8	-4.2	-3.9	-4.0	-3.8	Other industry
-2.8	-4.5	-5.8	-3.3	-3.9	-2.9	-1.0	-1.0	-0.8	-1.4	-1.2	-1.0	-0.4	0.01	Manufacture of articles of fur, knitted and crocheted apparel
3.7	2.5	3.3	3.3	3.6	2.9	2.5	3.8	3.9	3.3	4.6	4.9	3.2	3.7	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
-1.8	-1.0	-0.8	-0.1	1.8	1.7	0.6	1.1	0.6	0.1	0.9	0.6	-2.4	-1.7	Manufacture of leather footwear
10.8	6.7	8.1	7.1	5.5	4.3	4.7	6.8	7.5	6.7	8.7	9.6	9.6	9.7	Manufacture of rubber footwear
-5.9	-7.0	-3.8	-1.8	-1.7	-1.8	-2.0	-0.6	-0.9	-1.1	-1.2	0.6	1.2	3.7	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	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	1.2	0.4	3.0	1.4	1.5	1.2	0.05	2.5	1.0	0.4	-0.3	-0.3	
16211	Pembuatan kepingan venier dan papan lapis	3.1	2.7	2.6	1.3	2.3	3.1	1.0	4.3	3.6	2.7	1.5	2.6	
16212	Pembuatan papan partikel dan papan gentian	8.4	3.1	-7.7	-4.3	6.6	8.4	10.4	11.5	1.7	3.1	10.8	0.3	
16221	Pertukangan kayu untuk jurubina	-10.9	-11.8	6.5	4.1	-4.0	-10.9	-9.5	-11.3	-9.0	-11.8	-13.0	-10.7	
	Industri lain	2.3	0.9	7.1	2.6	0.5	2.3	0.0	4.1	0.5	0.9	-0.1	-1.3	
170	Pembuatan kertas dan produk kertas	1.0	0.6	4.1	1.8	1.7	1.0	0.9	0.7	0.5	0.6	0.8	0.6	
17010	Pembuatan pulpa, kertas dan kertas tebal	-2.4	5.9	7.1	-3.2	-3.0	-2.4	-0.4	3.3	5.6	5.9	-0.5	8.9	
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	-1.4	-1.9	5.4	3.6	0.5	-1.4	-2.0	-2.6	-1.6	-1.9	-2.1	-1.6	
17091	Pembuatan sampul surat dan kad surat	4.1	-2.6	4.4	1.7	0.1	4.1	-4.1	-5.3	-5.6	-2.6	-1.6	-3.1	
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	5.1	-2.3	-1.7	-1.6	4.5	5.1	6.0	3.5	-2.4	-2.3	5.5	-4.1	
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	0.0	1.0	4.3	4.4	2.0	0.0	0.2	0.8	1.0	1.0	0.1	1.0	
	Industri lain	9.8	8.2	5.0	5.5	8.2	9.8	8.1	7.2	7.9	8.2	7.7	5.6	
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	1.7	0.8	3.9	4.6	5.3	1.7	-2.8	-1.3	0.1	0.8	-1.9	0.7	
18110	Percetakan	2.3	0.6	4.5	5.5	6.3	2.3	-2.5	-2.4	-0.1	0.6	-1.5	1.0	
18120 &	Aktiviti perkhidmatan berkaitan percetakan	-1.2	1.7	1.4	0.7	1.0	-1.2	-3.7	3.5	1.4	1.7	-3.4	-0.7	
18200	Penerbitan semula media rakaman													
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	3.7	0.4	4.3	5.1	3.1	3.7	1.8	1.0	0.5	0.4	2.9	1.9	
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	0.3	5.3	3.5	3.1	0.1	0.3	-0.7	0.9	4.4	5.3	-0.6	5.0	
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	9.1	14.9	13.2	9.0	10.0	9.1	8.0	12.7	13.8	14.9	9.0	10.4	
20112 &	Pembuatan kimia organik asas	-1.9	4.9	9.4	7.6	2.5	-1.9	-2.4	-0.9	3.7	4.9	-2.4	6.0	
20113	Pembuatan sebatian bukan organik													
20121 &	Pembuatan baja	-5.9	-1.6	-12.5	-8.6	-16.7	-5.9	-11.4	-8.2	-1.3	-1.6	-10.7	-2.7	
20129	Pembuatan produk campuran nitrogen													
20131	Pembuatan plastik dalam bentuk primer	2.1	4.0	0.2	1.0	2.4	2.1	3.8	3.0	3.5	4.0	3.4	4.7	
	Industri lain	6.6	9.2	14.1	5.7	6.9	6.6	4.7	4.8	6.8	9.2	3.9	7.4	
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	-2.6	-3.0	1.2	0.1	0.2	-2.6	-3.0	-0.2	-3.0	-3.0	-2.1	-2.6	
20210	Pembuatan racun perosak dan produk agrokimia lain	13.8	11.0	7.5	6.2	14.9	13.8	9.0	13.0	13.2	11.0	10.5	8.8	
20221	Pembuatan cat, varnis dan penyadur dan mastik	1.4	-0.2	-11.2	4.0	2.7	1.4	1.7	0.6	0.1	-0.2	5.1	-3.9	
20222	Pembuatan dakwat cetak	4.7	-4.1	3.6	6.0	4.0	4.7	1.7	1.9	-3.1	-4.1	3.9	-4.2	
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilat	-7.7	-4.3	4.4	-5.0	-5.3	-7.7	-6.7	1.0	-3.2	-4.3	-7.1	0.1	
20232	Pembuatan pewangi dan penyediaan dandanan diri													
20291 &	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials													
20292 &	Pembuatan dakwat menulis dan melukis	-4.0	-6.5	3.4	1.0	2.0	-4.0	-5.0	-5.5	-9.0	-6.5	-4.2	-7.8	
20299	Pembuatan produk kimia lain t.t.t.l.													
	Industri lain	-32.2	-11.9	-4.0	-6.1	-36.1	-32.2	-36.1	-36.9	-18.4	-11.9	-35.6	-12.4	
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	2.3	3.0	8.5	-0.3	1.6	2.3	1.6	0.5	0.3	3.0	1.4	2.4	
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	1.1	4.0	6.1	0.1	1.5	1.1	-0.03	-1.4	0.2	4.0	0.6	2.8	
	Industri lain	5.4	0.6	14.4	-1.2	2.0	5.4	5.4	5.0	0.4	0.6	3.5	1.5	
221	Pembuatan produk getah	-4.0	-2.4	-2.7	-9.2	-6.0	-4.0	-5.0	-3.5	-2.5	-2.4	-4.1	-2.8	
22111	Pembuatan tayar getah untuk kenderaan	2.6	-3.7	-6.3	-6.3	3.0	2.6	0.3	-4.5	-2.2	-3.7	1.1	-3.7	
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	12.0	-3.7	12.2	14.2	14.0	12.0	9.7	9.2	2.2	-3.7	9.5	-2.9	
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	4.4	-5.3	12.5	13.2	7.0	4.4	1.2	0.1	-4.4	-5.3	1.4	-8.4	
22193	Pengilangan semula getah dan prosesan susu getah													
22192	Pembuatan sarung tangan getah	-9.0	-2.4	-8.5	-18.7	-14.0	-9.0	-8.5	-5.9	-2.7	-2.4	-6.9	-2.2	
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.5	-0.4	0.9	-3.2	0.1	-1.5	-4.3	-2.1	-1.7	-0.4	-4.1	-0.5	
222	Pembuatan produk plastik	3.3	2.2	2.5	2.6	2.9	3.3	2.6	3.1	2.6	2.2	2.5	2.2	
22201 &	Pembuatan produk plastik separa siap	1.6	1.5	3.8	2.4	2.7	1.6	1.2	0.3	1.4	1.5	1.6	1.9	
22202	Pembuatan produk plastik siap													
22203	Pembuatan artikel plastik untuk pembungkusan barangan	5.8	2.0	4.3	4.7	6.5	5.8	4.7	4.0	2.3	2.0	4.6	1.4	
22204	Pembuatan barangan plastik jurubina	0.3	5.4	2.6	3.7	3.1	0.3	0.01	1.7	2.1	5.4	-0.4	3.4	
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	0.7	0.9	-1.4	-5.4	-6.2	0.7	-0.2	0.7	-1.6	0.9	-0.2	-2.5	
22209	Pembuatan pelbagai produk plastik t.t.t.l.	3.0	3.0	1.0	3.1	2.2	3.0	2.4	5.0	4.9	3.0	2.2	4.3	
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-1.0	5.1	11.3	5.5	2.6	-1.0	0.3	5.9	6.8	5.1	-0.6	2.5	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
0.6	-0.3	0.05	1.5	1.1	2.5	2.9	0.8	1.0	0.8	1.0	0.4	-0.1	-0.3	Manufacture of products of wood, cork, straw and plaiting materials
2.3	1.5	1.0	2.6	1.7	4.3	4.0	3.8	3.6	3.0	3.5	2.7	2.6	2.6	Manufacture of veneer sheets and plywood
10.3	10.8	10.4	12.0	11.6	11.5	10.5	-3.3	1.7	2.6	2.6	3.1	3.0	0.3	Manufacture of particle board and fibreboard
-11.2	-13.0	-9.5	-10.9	-11.0	-11.3	-9.5	-10.3	-9.0	-10.1	-10.1	-11.8	-11.2	-10.7	Manufacture of builders' carpentry
0.8	-0.1	0.0	3.6	4.1	4.1	5.8	2.7	0.5	1.1	0.6	0.9	-1.2	-1.3	Other industry
1.0	0.8	0.9	0.8	0.5	0.7	1.2	0.8	0.5	0.6	0.7	0.6	0.3	0.6	Manufacture of paper and paper products
0.7	-0.5	-0.4	-0.8	3.5	3.3	3.9	4.9	5.6	6.5	6.2	5.9	6.3	8.9	Manufacture of pulp, paper and paperboard
-1.8	-2.1	-2.0	-2.2	-2.6	-2.6	-2.6	-1.3	-1.6	-1.5	-1.7	-1.9	-1.5	-1.6	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1.3	-1.6	-4.1	-4.2	-5.4	-5.3	-5.2	-4.5	-5.6	-5.4	-3.7	-2.6	-2.6	-3.1	Manufacture of envelopes and letter-card
4.5	5.5	6.0	6.2	2.0	3.5	3.4	-2.9	-2.4	-2.4	-2.5	-2.3	-3.4	-4.1	Manufacture of household and personal hygiene paper
0.1	0.1	0.2	0.3	0.6	0.8	1.8	1.2	1.0	-0.1	-0.4	1.0	0.3	1.0	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
7.9	7.7	8.1	7.7	8.1	7.2	9.8	11.4	7.9	8.7	11.1	8.2	6.1	5.6	Other industry
-2.4	-1.9	-2.8	-2.4	-3.3	-1.3	-1.2	0.2	0.1	1.0	1.3	0.8	0.6	0.7	Printing, service activities related to printing and reproduction of recorded media
-2.2	-1.5	-2.5	-3.1	-4.5	-2.4	-2.3	-0.2	-0.1	1.1	1.4	0.6	0.7	1.0	Printing
-3.5	-3.4	-3.7	0.7	2.2	3.5	3.8	1.9	1.4	0.7	1.3	1.7	0.05	-0.7	Service activities related to printing
														Reproduction of recorded media
2.6	2.9	1.8	1.6	0.7	1.0	1.1	0.6	0.5	0.7	0.9	0.4	2.0	1.9	Manufacture of refined petroleum products
-0.2	-0.6	-0.7	3.3	1.8	0.9	4.7	4.6	4.4	4.2	4.9	5.3	4.5	5.0	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
9.3	9.0	8.0	14.7	11.8	12.7	13.5	13.6	13.8	12.1	14.9	14.9	11.2	10.4	Manufacture of liquefied or compressed inorganic industrial or medical gases
														Manufacture of basic organic chemicals
-2.3	-2.4	-2.4	2.0	0.6	-0.9	4.0	4.1	3.7	3.8	4.5	4.9	4.5	6.0	Manufacture of inorganic compounds
														Manufacture of fertilizers
-7.0	-10.7	-11.4	-4.6	-8.0	-8.2	-0.9	-1.1	-1.3	-1.6	-1.6	-1.6	-2.7	-2.7	Manufacture of associated nitrogen products
1.5	3.4	3.8	4.4	4.4	3.0	3.4	3.2	3.5	3.3	3.5	4.0	4.8	4.7	Manufacture of plastics in primary forms
6.1	3.9	4.7	6.1	4.3	4.8	10.2	8.3	6.8	7.3	7.6	9.2	6.6	7.4	Other industry
-2.8	-2.1	-3.0	-1.9	-0.8	-0.2	-2.6	-2.3	-3.0	-3.4	-3.9	-3.0	-2.9	-2.6	Manufacture of other chemical products and man-made fibres
13.1	10.5	9.0	10.9	11.1	13.0	12.7	12.9	13.2	10.6	10.7	11.0	8.6	8.8	Manufacture of pesticides and other agrochemical products
0.1	5.1	1.7	1.0	0.4	0.6	0.03	0.03	0.1	-1.1	-0.9	-0.2	-4.1	-3.9	Manufacture of paints, varnishes and similar coatings ink and mastics
4.0	3.9	1.7	2.3	1.8	1.9	-6.1	-4.8	-3.1	-3.7	-4.0	-4.1	-4.1	-4.2	Manufacture of printing ink
														Manufacture of soap and detergents, cleaning and polishing preparations
-7.5	-7.1	-6.7	-3.8	0.1	1.0	-2.0	-1.8	-3.2	-3.8	-4.2	-4.3	-0.9	0.1	Manufacture of perfumes and toilet preparations
														Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-4.2	-4.2	-5.0	-5.1	-5.7	-5.5	-6.7	-7.2	-9.0	-8.1	-9.2	-6.5	-7.7	-7.8	Manufacture of writing and drawing ink
														Manufacture of other chemical products n.e.c.
-31.0	-35.6	-36.1	-36.9	-37.1	-36.9	-37.1	-20.9	-18.4	-11.4	-12.8	-11.9	-11.4	-12.4	Other industry
1.9	1.4	1.6	0.6	0.3	0.5	0.4	0.9	0.3	0.4	2.6	3.0	2.9	2.4	Manufacture of pharmaceuticals, medicinal chemical and botanical products
1.0	0.6	-0.03	-2.5	-2.3	-1.4	-0.8	0.3	0.2	0.1	3.8	4.0	3.7	2.8	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
3.8	3.5	5.4	8.6	6.6	5.0	3.1	2.2	0.4	1.1	-0.3	0.6	1.3	1.5	Other industry
-3.6	-4.1	-5.0	-5.2	-4.1	-3.5	-3.4	-2.9	-2.5	-2.4	-2.5	-2.4	-2.5	-2.8	Manufacture of rubber products
2.8	1.1	0.3	-5.1	-5.4	-4.5	-11.6	-2.2	-2.2	-2.2	-3.2	-3.7	-4.8	-3.7	Manufacture of rubber tyres for vehicles
12.0	9.5	9.7	9.6	10.4	9.2	9.3	4.6	2.2	2.1	-7.3	-3.7	-2.8	-2.9	Manufacture of interchangeable tyre treads and retreading rubber tyres
														Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
3.8	1.4	1.2	0.2	-0.5	0.1	-3.9	-4.7	-4.4	-4.4	-4.6	-5.3	-7.5	-8.4	Rubber remilling and latex processing
-7.6	-6.9	-8.5	-8.7	-7.4	-5.9	-4.0	-3.4	-2.7	-2.8	-2.3	-2.4	-1.8	-2.2	Manufacture of rubber gloves
-2.7	-4.1	-4.3	-3.2	-1.2	-2.1	-1.0	-1.8	-1.7	-1.1	-1.0	-0.4	-0.2	-0.5	Manufacture of other rubber products n.e.c.
3.3	2.5	2.6	3.1	3.4	3.1	3.1	2.7	2.6	2.8	2.9	2.2	2.0	2.2	Manufacture of plastics products
														Manufacture of semi-manufactures of plastic products
1.5	1.6	1.2	0.5	1.0	0.3	0.7	1.2	1.4	1.2	2.1	1.5	2.0	1.9	Manufacture of finished plastic products
6.1	4.6	4.7	4.8	4.7	4.0	1.9	2.2	2.3	3.0	2.8	2.0	1.2	1.4	Manufacture of plastic articles for the packing of goods
0.7	-0.4	0.01	1.7	1.6	1.7	1.1	1.4	2.1	2.3	4.9	5.4	2.2	3.4	Manufacture of builders' plastics ware
1.3	-0.2	-0.2	0.8	0.1	0.7	4.9	-1.5	-1.6	0.6	1.0	0.9	-2.3	-2.5	Manufacture of plastic tableware, kitchenware and toilet articles
2.6	2.2	2.4	4.0	4.8	5.0	5.5	5.5	4.9	4.4	4.0	3.0	3.9	4.3	Manufacture of diverse plastic products n.e.c.
-1.0	-0.6	0.3	1.2	4.4	5.9	7.4	7.0	6.8	6.6	5.5	5.1	3.8	2.5	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.5	-1.0	-2.0	0.04	2.1	2.5	0.1	-1.4	-1.3	-1.0	0.2	2.4	
23911	Pembuatan mortar refraktori dan konkrit													
23921	Pembuatan seramik bukan refraktori	-8.1	-6.1	-6.4	-5.2	-4.0	-8.1	-9.3	-11.9	-11.4	-6.1	-8.8	-0.4	
23930	Pembuatan produk porselin dan seramik lain	-14.9	-7.3	-12.6	-11.8	-14.2	-14.9	-1.5	-5.0	-4.2	-7.3	-3.0	-3.3	
23941	Pembuatan simen hidrolik	1.0	1.1	-6.6	-9.9	0.7	1.0	0.02	-0.1	4.4	1.1	0.1	1.4	
23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	1.5	0.7	1.7	-0.8	1.8	1.5	2.2	3.3	0.1	0.7	0.3	2.5	
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	4.1	-4.8	0.7	6.2	5.1	4.1	-4.8	-6.6	-6.1	-4.8	-3.8	2.7	
23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	12.4	9.9	-5.1	0.3	6.6	12.4	13.6	9.3	13.8	9.9	14.0	8.4	
	Industri lain	14.8	4.1	1.8	2.5	6.7	14.8	13.3	11.8	5.2	4.1	13.4	1.6	
241														
(24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	5.3	3.4	1.7	1.6	4.9	5.3	7.0	5.9	5.1	3.4	7.5	3.2	
242														
(24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	-5.9	-3.3	-0.4	-0.3	-4.8	-5.9	-7.1	-5.0	-4.1	-3.3	-8.1	-2.7	
243	Pengacuan logam	1.6	2.6	-2.4	0.1	1.8	1.6	-0.7	-0.6	0.2	2.6	-0.7	1.3	
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.4	2.4	1.1	1.3	2.2	1.4	1.7	4.4	3.7	2.4	1.2	2.7	
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
25119	pintu pagar daripada logam	4.6	5.1	-0.9	0.2	6.0	4.6	5.2	8.6	5.9	5.1	4.2	5.6	
25120	Pembuatan produk struktur logam lain													
25120	Pembuatan tangki, takungan dan kontena daripada logam	-8.3	-5.1	6.2	3.4	-8.7	-8.3	-7.5	-4.4	-3.0	-5.1	-6.9	-5.9	
	Industri lain	-0.7	-2.0	4.3	3.6	-0.5	-0.7	-2.2	-3.2	1.7	-2.0	-1.9	-1.0	
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	5.4	2.2	2.1	2.2	5.2	5.4	4.6	5.0	3.1	2.2	4.3	1.4	
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-0.3	3.5	-1.1	-5.8	-2.0	-0.3	-0.8	2.0	2.6	3.5	-1.7	8.0	
25920	Rawatan dan penyalutan logam; menggunakan mesin	-9.7	-14.1	4.8	6.8	-6.9	-9.7	-11.4	-13.4	-14.0	-14.1	-11.8	-15.9	
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	6.1	13.2	0.5	-1.6	7.5	6.1	8.2	11.1	11.0	13.2	5.5	11.2	
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	1.8	3.2	6.6	8.3	9.7	8.2	4.9	-0.03	8.42	-2.63	
25994	Pembuatan barangan rumah daripada logam	14.1	2.9	1.8	5.2	11.8	14.1	5.5	-1.3	-1.1	2.9	11.8	2.2	
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	7.9	6.1	3.5	5.2	10.1	7.9	7.3	8.0	7.2	6.1	5.9	4.6	
	Industri lain	21.8	3.6	3.8	7.1	18.7	21.8	17.8	17.4	4.9	3.6	21.6	-0.1	
261	Pembuatan komponen dan papan elektronik	1.9	-2.2	6.5	7.1	4.8	1.9	-2.5	-2.9	-3.3	-2.2	-1.6	-1.8	
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya													
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	0.9	-1.9	5.1	4.1	2.2	0.9	-2.2	-2.4	-3.1	-1.9	-1.5	-3.0	
26103	Pembuatan kapasitor dan perintang elektrik													
26104	Pembuatan papan litar bercetak	3.0	-2.5	9.5	12.1	8.4	3.0	-3.7	-3.7	-3.6	-2.5	-2.5	0.01	
26105	Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	3.0	-3.0	0.2	2.8	4.7	3.0	2.7	-2.1	-3.4	-3.0	3.5	-2.1	
262														
(26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	-3.2	6.9	0.3	-1.1	-2.4	-3.2	1.7	3.5	5.6	6.9	1.3	6.1	
263/ 26300	Pembuatan peralatan komunikasi	0.3	4.3	6.6	4.7	-0.6	0.3	0.6	0.4	5.0	4.3	0.3	6.1	
264/ 26400	Pembuatan peralatan elektronik pengguna	3.4	4.7	0.9	-2.8	5.7	3.4	4.4	4.6	-0.1	4.7	4.0	4.7	
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-0.1	4.7	8.5	7.5	2.0	-0.1	-0.4	3.7	4.3	4.7	-0.7	3.1	
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	0.2	4.9	10.0	10.8	3.1	0.2	-0.4	3.0	3.9	4.9	-0.6	3.6	
26512	Pembuatan kelengkapan kawalan proses perindustrian													
26520	Pembuatan jam tangan dan jam dan bahagiannya	-1.1	4.2	3.4	-3.1	-1.5	-1.1	-0.5	6.1	6.0	4.2	-0.8	1.1	
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	-3.1	0.6	1.8	1.4	-2.1	-3.1	-6.3	-6.5	-1.7	0.6	-5.9	2.4	

2024												2025		Group Description/Period
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
-0.5	0.2	0.1	0.3	-0.8	-1.4	-1.3	-1.1	-1.3	-0.6	-1.1	-1.0	1.9	2.4	Manufacture of non-metallic mineral products
														Manufacture of refractory mortars and concretes
-8.6	-8.8	-9.3	-9.4	-11.2	-11.9	-10.5	-13.1	-11.4	-6.4	-6.1	-6.1	-1.8	-0.4	Manufacture of non-refractory ceramic
-16.5	-3.0	-1.5	-1.7	-5.3	-5.0	-4.2	-3.8	-4.2	-4.8	-7.1	-7.3	-6.2	-3.3	Manufacture of other porcelain and ceramic products
0.4	0.1	0.02	0.4	-0.02	-0.1	1.0	6.3	4.4	5.3	0.7	1.1	1.4	1.4	Manufacture of hydraulic cement
0.7	0.3	2.2	2.3	2.2	3.3	2.1	1.9	0.1	1.7	-0.4	0.7	2.6	2.5	Manufacture of ready-mix and dry-mix concrete and mortars
														Manufacture of precast concrete, cement or artificial stone articles for use in construction
-3.9	-3.8	-4.8	-4.1	-6.0	-6.6	-6.9	-6.6	-6.1	-5.6	-5.0	-4.8	1.9	2.7	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
15.0	14.0	13.6	12.1	12.9	9.3	9.5	15.0	13.8	9.9	10.0	9.9	8.8	8.4	Manufacture of other articles of concrete, cement and plaster n.e.c.
13.3	13.4	13.3	13.7	13.3	11.8	12.0	5.4	5.2	5.6	6.0	4.1	0.9	1.6	Manufacture of other non-metallic mineral products n.e.c.
														Other industry
5.4	7.5	7.0	6.8	5.9	5.9	5.8	5.0	5.1	3.8	3.4	3.4	2.9	3.2	Manufacture of basic iron and steel
-5.3	-8.1	-7.1	-6.9	-6.9	-5.0	-6.2	-4.3	-4.1	-4.8	-3.5	-3.3	-3.8	-2.7	Manufacture of basic precious and other non-ferrous metals
0.7	-0.7	-0.7	1.7	2.4	-0.6	3.6	-0.4	0.2	0.5	2.7	2.6	3.0	1.3	Casting of metals
2.0	1.2	1.7	3.1	1.5	4.4	4.5	4.1	3.7	4.0	2.4	2.4	3.1	2.7	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
5.0	4.2	5.2	6.7	4.4	8.6	7.7	6.0	5.9	7.1	5.4	5.1	6.1	5.6	Manufacture of metal doors, windows and their frames, shutters and gates
														Manufacture of other structural metal products
-6.5	-6.9	-7.5	-4.7	-5.0	-4.4	-3.4	-3.5	-3.0	-3.7	-5.7	-5.1	-5.7	-5.9	Manufacture of tanks, reservoirs and containers of metal
-0.9	-1.9	-2.2	-3.7	-3.6	-3.2	-0.2	3.7	1.7	-1.2	-1.9	-2.0	-0.9	-1.0	Other industry
5.4	4.3	4.6	5.3	5.4	5.0	4.6	4.9	3.1	2.3	2.4	2.2	1.1	1.4	Manufacture of other fabricated metal products; metal working service activities
-1.1	-1.7	-0.8	1.9	2.1	2.0	2.1	2.4	2.6	1.8	1.7	3.5	4.9	8.0	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-9.0	-11.8	-11.4	-11.4	-12.2	-13.4	-13.7	-13.8	-14.0	-16.0	-15.2	-14.1	-16.0	-15.9	Treatment and coating of metals; machining
7.5	5.5	8.2	12.1	12.4	11.1	11.4	12.0	11.0	12.2	12.8	13.2	9.0	11.2	Manufacture of tins and cans for food products, collapsible tubes and boxes
														Manufacture of metal cable, plaited bands and similar articles
9.4	8.4	9.7	8.7	8.6	8.2	4.4	8.5	4.9	3.9	4.4	-0.03	-2.2	-2.6	Manufacture of bolts, screws, nuts and similar threaded products
11.6	11.8	5.5	3.1	3.7	-1.3	-1.8	-1.3	-1.1	-1.1	2.8	2.9	2.6	2.2	Manufacture of metal household articles
7.8	5.9	7.3	7.8	8.1	8.0	8.7	8.9	7.2	5.8	5.9	6.1	4.6	4.6	Manufacture of any other fabricated metal products n.e.c.
20.9	21.6	17.8	16.0	16.1	17.4	18.8	10.1	4.9	5.4	3.3	3.6	3.2	-0.1	Other industry
1.2	-1.6	-2.5	-3.1	-3.1	-2.9	-3.7	-5.4	-3.3	-2.6	-2.2	-2.2	-2.7	-1.8	Manufacture of electronic components and boards
1.1	-1.5	-2.2	-4.3	-2.9	-2.4	-4.2	-7.2	-3.1	-2.6	-2.5	-1.9	-2.9	-3.0	Manufacture of diodes, transistors and similar semiconductor devices
														Manufacture of electronic integrated circuits micro assemblies
														Manufacture of electrical capacitors and resistors
1.1	-2.5	-3.7	-2.3	-3.5	-3.7	-3.6	-3.4	-3.6	-2.4	-1.6	-2.5	-2.5	0.01	Manufacture of printed circuit boards
														Manufacture of display components
3.4	3.5	2.7	2.4	-2.1	-2.1	-1.1	-2.1	-3.4	-3.1	-2.7	-3.0	-2.1	-2.1	Manufacture of other components for electronic applications
1.2	1.3	1.7	1.9	2.2	3.5	3.6	7.5	5.6	6.7	6.5	6.9	6.4	6.1	Manufacture of computers and peripheral equipment
0.2	0.3	0.6	0.8	1.0	0.4	5.8	5.8	5.0	4.3	4.9	4.3	5.7	6.1	Manufacture of communication equipment
3.6	4.0	4.4	4.5	5.0	4.6	6.2	-0.4	-0.1	1.1	7.8	4.7	5.0	4.7	Manufacture of consumer electronics
0.2	-0.7	-0.4	-0.1	0.8	3.7	2.6	3.6	4.3	5.7	5.2	4.7	3.2	3.1	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
0.3	-0.6	-0.4	-0.02	0.3	3.0	1.6	2.8	3.9	5.8	5.3	4.9	3.7	3.6	Manufacture of measuring, testing, navigating and control equipment
														Manufacture of industrial process control equipment
-0.04	-0.8	-0.5	-0.5	2.7	6.1	6.4	6.4	6.0	5.2	4.6	4.2	1.6	1.1	Manufacture of watches and clocks and parts
-6.6	-5.9	-6.3	-6.2	-6.6	-6.5	-2.3	-1.8	-1.7	-0.4	0.2	0.6	1.9	2.4	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	1.7	-7.1	6.0	-1.4	3.9	1.7	-2.1	-1.9	-10.7	-7.1	-4.0	-3.6	
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-1.6	1.3	3.2	2.4	0.8	-1.6	-3.5	-1.3	-0.2	1.3	-3.1	3.0	
27101	Pembuatan motor elektrik, penjana dan transformer	0.7	1.0	-1.0	-2.1	1.3	0.7	-0.5	3.9	2.7	1.0	-1.1	1.5	
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-3.2	1.6	6.6	5.9	0.5	-3.2	-5.7	-5.0	-2.4	1.6	-4.6	4.1	
272/ 27200	Pembuatan bateri dan akumulator	-0.2	-4.0	1.6	3.3	1.0	-0.2	1.8	1.2	-5.2	-4.0	1.9	-3.0	
273	Pembuatan pendawaian dan peranti pendawaian	-2.3	4.2	1.6	-3.2	-1.1	-2.3	-1.3	0.8	0.2	4.2	-2.0	4.2	
27310	Pembuatan kabel gentian optikal	4.6	6.2	1.3	1.0	-6.2	4.6	2.0	5.0	3.9	6.2	2.6	7.6	
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-3.9	4.4	3.2	-2.5	-0.2	-3.9	-2.1	0.2	-0.1	4.4	-3.1	4.3	
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	19.5	0.6	-17.8	-14.5	-9.5	19.5	7.7	6.7	2.6	0.6	11.3	0.1	
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	7.6	4.6	-0.5	-6.2	-3.4	7.6	10.6	12.9	4.4	4.6	10.0	0.5	
275/ 27500	Pembuatan perkakasan domestik	-0.5	-7.0	-1.2	1.2	0.4	-0.5	-0.8	-3.6	-7.5	-7.0	-1.6	-5.2	
279/ 27900	Pembuatan kelengkapan elektrik lain	-1.4	2.7	1.9	-1.1	1.3	-1.4	-3.1	-1.8	-0.4	2.7	-2.8	3.3	
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-2.4	1.4	3.8	2.3	-0.1	-2.4	-2.2	-2.3	0.2	1.4	-2.1	1.3	
28120 & 28130	Pembuatan alat-alat kuasa bendalir	-15.9	-14.8	2.1	5.5	-2.2	-15.9	-24.7	-26.4	-20.6	-14.8	-24.9	-10.0	
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	3.0	1.1	0.7	2.3	1.7	3.0	0.2	1.6	0.3	1.1	5.7	0.9	
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-12.5	-1.8	9.4	6.7	-6.3	-12.5	-12.7	-12.4	-4.7	-1.8	-14.0	-2.2	
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-9.4	3.4	-3.9	-1.2	-9.0	-9.4	-10.4	-12.0	1.7	3.4	-10.9	4.7	
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	0.8	3.9	6.1	1.7	2.5	0.8	4.5	3.9	4.0	3.9	2.3	2.9	
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1.3	-1.7	0.4	0.6	2.2	1.3	0.8	-0.7	-2.0	-1.7	3.8	-1.0	
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	18.8	4.6	13.5	10.2	21.7	18.8	10.8	7.4	6.4	4.6	10.3	7.2	
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-1.7	0.4	1.9	0.8	-1.5	-1.7	-5.6	-0.5	0.3	0.4	-2.8	-0.3	
301 (30110 & 30120)	Pembinaan kapal dan bot	9.5	-1.4	7.2	8.4	10.0	9.5	6.7	3.7	-1.8	-1.4	6.9	-3.4	
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	-0.1	-1.1	-3.4	-1.5	-2.0	1.0	4.0	3.1	-2.4	3.3	
30910	Pembuatan motosikal	10.0	7.3	4.6	3.3	9.2	10.0	5.4	9.6	6.5	7.3	5.1	7.2	
30920	Pembuatan basikal dan invalid carriages	-54.4	8.1	-5.5	-14.2	-51.0	-54.4	-54.2	-47.0	-4.3	8.1	-53.9	9.5	
	Industri lain	1.9	-1.3	-2.6	-1.4	-2.0	1.9	3.3	4.1	2.7	-1.3	3.0	-0.8	
310	Pembuatan perabot	6.1	1.8	0.5	1.0	3.0	6.1	5.1	3.4	2.3	1.8	5.0	1.4	
31001	Pembuatan perabot kayu dan rotan	6.2	2.3	-0.3	0.1	3.2	6.2	4.9	3.0	1.6	2.3	4.8	2.4	
	Industri lain	5.7	0.2	3.1	3.9	2.6	5.7	6.0	4.9	4.6	0.2	5.7	-1.9	
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	1.6	-15.0	14.5	10.2	4.1	1.6	-6.2	-6.1	-7.8	-15.0	-9.3	-13.2	
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	3.5	3.8	2.1	0.9	4.4	3.5	4.0	3.9	2.8	3.8	4.4	5.5	
32901	Pembuatan alat tulis	-1.5	1.4	-1.2	-2.9	-0.2	-1.5	-1.0	-1.8	-0.7	1.4	-1.1	3.7	
	Industri lain	5.0	4.4	3.1	2.0	5.7	5.0	5.5	5.5	3.8	4.4	6.0	5.9	
323/ 32300	Pembuatan barangan sukan	-22.6	-8.4	-1.1	-0.9	-18.6	-22.6	-9.1	-7.8	-7.9	-8.4	-15.1	-9.5	
324/ 32400	Pembuatan permainan dan mainan	-4.8	-0.02	2.3	-0.8	-7.6	-4.8	-1.7	-0.5	-2.1	-0.02	-3.1	0.7	
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	3.6	0.2	1.7	1.3	4.2	3.6	1.9	0.4	0.2	0.2	1.8	1.7	
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	5.3	-0.4	9.2	8.9	10.6	5.3	3.8	1.9	0.1	-0.4	1.4	-0.6	
	Industri lain	3.3	0.3	0.3	-0.1	3.0	3.3	1.6	0.1	0.2	0.3	1.9	2.2	
Jumlah Pembuatan		1.7	1.0	2.8	2.1	2.4	1.7	0.5	1.0	0.8	1.0	0.6	1.2	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
-5.7	-4.0	-2.1	0.7	-2.1	-1.9	-3.4	-10.4	-10.7	-10.7	-7.2	-7.1	-3.3	-3.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-2.0	-3.1	-3.5	-1.6	-0.2	-1.3	1.1	0.1	-0.2	2.3	0.8	1.3	1.0	3.0	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
-1.6	-1.1	-0.5	2.8	3.8	3.9	3.6	3.6	2.7	2.6	1.1	1.0	1.3	1.5	Manufacture of electric motors, generators and transformers
-2.2	-4.6	-5.7	-4.7	-3.1	-5.0	-0.7	-2.6	-2.4	2.1	0.5	1.6	0.7	4.1	Manufacture of electricity distribution and control apparatus
-0.1	1.9	1.8	2.6	2.4	1.2	0.5	-0.6	-5.2	-6.0	-2.7	-4.0	-1.0	-3.0	Manufacture of batteries and accumulators
0.1	-2.0	-1.3	-1.8	1.8	0.8	0.7	0.7	0.2	2.9	3.3	4.2	3.7	4.2	Manufacture of wiring and wiring devices
3.6	2.6	2.0	2.9	3.0	5.0	4.7	4.5	3.9	3.5	3.6	6.2	6.1	7.6	Manufacture of fibre optic cables
-0.8	-3.1	-2.1	-2.5	1.5	0.2	0.1	0.1	-0.1	2.9	3.6	4.4	3.8	4.3	Manufacture of other electronic and electric wires and cables
11.7	11.3	7.7	5.4	5.7	6.7	6.6	6.9	2.6	2.3	-0.7	0.6	-0.3	0.1	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
10.4	10.0	10.6	10.6	12.5	12.9	11.2	5.6	4.4	4.9	5.7	4.6	0.7	0.5	Manufacture of electric lighting equipment
-0.3	-1.6	-0.8	0.1	-3.3	-3.6	-3.8	-7.1	-7.5	-7.4	-7.7	-7.0	-6.1	-5.2	Manufacture of domestic appliances
-2.2	-2.8	-3.1	-2.2	-1.6	-1.8	-3.3	-2.8	-0.4	0.6	2.7	2.7	2.7	3.3	Manufacture of other electrical equipment
-2.3	-2.1	-2.2	-2.4	-2.5	-2.3	0.4	0.1	0.2	0.6	0.8	1.4	1.0	1.3	Manufacture of general-purpose and special-purpose machinery
-24.1	-24.9	-24.7	-24.1	-23.7	-26.4	-25.1	-19.8	-20.6	-20.2	-20.4	-14.8	-10.1	-10.0	Manufacture of fluid power equipment
														Manufacture of other pumps, compressors, taps and valves
4.4	5.7	0.2	0.3	0.5	1.6	2.4	2.1	0.3	1.2	2.2	1.1	1.0	0.9	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
-13.0	-14.0	-12.7	-10.0	-12.8	-12.4	-4.4	-4.9	-4.7	-3.5	-2.7	-1.8	-4.3	-2.2	Manufacture of air-conditioning machines, including for motor vehicles
-10.1	-10.9	-10.4	-12.0	-11.9	-12.0	-12.1	-2.5	1.7	2.7	3.3	3.4	5.2	4.7	Manufacture of other special-purpose machinery
2.1	2.3	4.5	3.6	3.9	3.9	7.3	3.6	4.0	3.9	3.5	3.9	2.7	2.9	Other industry
1.8	3.8	0.8	1.0	-1.2	-0.7	-1.1	-0.7	-2.0	-0.3	-0.5	-1.7	-2.0	-1.0	Manufacture of motor vehicles
16.2	10.3	10.8	10.1	10.2	7.4	7.1	7.1	6.4	3.5	4.6	4.6	6.1	7.2	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-1.1	-2.8	-5.6	0.9	-0.4	-0.5	-0.01	0.5	0.3	1.1	0.3	0.4	-0.7	-0.3	Manufacture of parts and accessories for motor vehicles
7.3	6.9	6.7	6.6	4.6	3.7	0.8	-0.6	-1.8	-1.9	-3.7	-1.4	-1.1	-3.4	Building of ships and boats
-2.0	-2.4	-2.0	-0.6	0.6	1.0	2.8	2.2	4.0	2.3	3.8	3.1	2.4	3.3	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
6.5	5.1	5.4	8.6	10.7	9.6	10.1	6.0	6.5	3.5	6.4	7.3	7.1	7.2	Manufacture of motorcycles
-53.9	-53.9	-54.2	-54.0	-50.4	-47.0	-37.5	-15.3	-4.3	3.6	8.0	8.1	7.6	9.5	Manufacture of bicycles and invalid carriages
2.8	3.0	3.3	3.5	3.3	4.1	3.6	1.4	2.7	1.0	1.0	-1.3	-2.2	-0.8	Other industry
4.6	5.0	5.1	5.7	5.1	3.4	2.8	2.9	2.3	1.9	1.6	1.8	1.2	1.4	Manufacture of furniture
4.2	4.8	4.9	5.3	5.0	3.0	1.9	1.8	1.6	1.7	1.7	2.3	2.2	2.4	Manufacture of wooden and cane furniture
5.8	5.7	6.0	6.9	5.4	4.9	5.8	6.9	4.6	2.7	1.5	0.2	-1.9	-1.9	Other industry
-4.8	-9.3	-6.2	-6.6	-5.9	-6.1	-6.4	-4.7	-7.8	-7.0	-7.8	-15.0	-15.8	-13.2	Manufacture of jewellery, bijouterie and related articles
3.3	4.4	4.0	4.4	3.7	3.9	2.6	2.5	2.8	2.8	3.0	3.8	4.6	5.5	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-3.8	-1.1	-1.0	-0.4	-3.9	-1.8	-1.5	-0.8	-0.7	-1.5	0.9	1.4	3.5	3.7	Manufacture of stationery
5.4	6.0	5.5	5.7	5.9	5.5	3.7	3.4	3.8	4.0	3.6	4.4	4.9	5.9	Other industry
-18.5	-15.1	-9.1	-6.7	-6.2	-7.8	-7.2	-7.9	-7.9	-8.0	-10.6	-8.4	-9.4	-9.5	Manufacture of sports goods
-3.8	-3.1	-1.7	-1.8	-1.6	-0.5	9.8	-0.4	-2.1	-1.5	0.1	-0.02	0.7	0.7	Manufacture of games and toys
2.3	1.8	1.9	1.1	0.3	0.4	0.2	1.1	0.2	0.4	0.2	0.2	0.7	1.7	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.7	1.4	3.8	2.1	2.0	1.9	3.6	2.0	0.1	0.1	-0.3	-0.4	-0.8	-0.6	Repair and maintenance of transport equipment except motorcycles and bicycles
2.6	1.9	1.6	0.9	0.0	0.1	-0.4	0.9	0.2	0.4	0.3	0.3	1.0	2.2	Other industry
1.3	0.6	0.5	1.0	0.9	1.0	1.3	1.0	0.8	0.9	1.0	1.0	0.9	1.2	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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
101	Pemprosesan dan pengawetan daging	1.8	3.3	3.9	-1.3	2.1	-2.8	5.1	-0.1	1.1	0.6
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.8	-0.3	0.5	-0.4	1.6	0.2	-1.4	-0.1	2.7	-0.4
	10201 Pengetinan ikan, krustasea dan moluska										
	&										
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	3.8	-1.0	-0.1	-0.5	1.1	0.3	-3.0	0.2	2.7	-0.9
	Industri lain	3.5	3.5	3.6	-0.2	4.1	-0.2	6.7	-1.6	2.7	2.1
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	5.8	2.8	-3.3	-3.3	6.5	-3.6	-6.6	-2.0	3.7	2.0
	10303 Pengetinan nanas										
	&										
	10304 Pembuatan jem, marmalad dan sajian jeli	-8.3	-1.5	1.8	-0.02	2.4	-2.9	-3.4	-1.4	-4.1	10.0
	Industri lain	6.7	3.1	-3.6	-3.5	6.8	-3.6	-6.7	-2.0	4.2	1.6
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	1.4	0.3	4.4	0.4	-0.7	1.4	0.8	1.1	-0.1	-0.4
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	&										
	10406 Pembuatan sebatian lemak masakan	1.8	0.4	7.8	0.3	2.8	1.4	2.3	0.2	-1.2	3.7
	10405 Pembuatan minyak kelapa	0.6	0.0	3.0	-0.1	1.4	-0.2	-0.1	-0.3	1.4	0.1
	Industri lain	1.4	0.3	4.3	0.5	-0.9	1.4	0.7	1.2	-0.1	-0.7
105	Pembuatan produk tenusu	0.3	-0.6	3.6	0.8	1.9	-1.0	1.5	-0.5	1.1	-0.6
	10502 Pembuatan susu pekat, tepung dan sejat	0.04	-1.21	2.82	0.3	3.4	-2.2	0.7	-0.8	2.1	-0.9
	Industri lain	1.1	0.8	5.6	2.3	-1.7	2.2	3.3	0.1	-1.4	0.05
106	Pembuatan produk bijian, kanji dan produk berkanji	1.3	-0.7	2.2	0.3	-1.8	-1.1	5.5	-1.9	0.7	-2.3
	10611 Pengilangan beras	2.1	-2.2	1.7	0.2	0.7	-2.4	7.7	-3.4	1.7	0.5
	10613 Pengilangan tepung	1.8	0.7	3.1	0.4	-4.4	0.3	4.8	-0.1	0.05	-5.5
	Industri lain	-6.1	0.2	0.5	-0.2	-2.2	-0.8	-3.2	-3.3	-2.0	-0.4
107	Pembuatan produk makanan lain	2.0	0.8	4.9	1.0	0.2	-0.1	3.2	-0.3	1.1	-0.4
	10711 Pembuatan biskut dan cookies	1.8	-1.0	1.6	0.4	-3.1	1.0	4.9	-1.6	0.4	-1.1
	10712 Pembuatan roti, kek dan produk bakeri lain	1.7	1.3	3.8	1.1	-0.6	2.4	3.2	-1.1	0.6	0.1
	10713 Pembuatan produk snek	0.1	1.2	2.7	4.5	-0.4	0.9	2.4	-0.6	1.7	-1.6
	10721 Pembuatan gula	0.9	1.3	5.3	-2.2	-0.4	0.0	-1.0	1.0	0.2	0.2
	10731 Pembuatan produk koko	-1.6	3.6	0.9	0.3	-2.8	-6.5	-1.0	1.0	0.3	-0.2
	10732 Pembuatan coklat dan produk coklat										
	&										
	10733 Pembuatan konfeksi gula	0.8	0.4	7.7	0.8	0.6	-1.4	1.2	0.6	1.5	-0.6
	10793 Pembuatan sos dan bahan perasa	2.9	0.2	6.6	5.8	3.2	-3.1	11.3	0.9	2.4	-0.2
	10799 Pembuatan produk makanan lain t.t.t.l.	2.3	4.4	14.7	-2.1	2.4	-1.6	3.8	-1.0	2.5	0.3
	Industri lain	2.9	-0.5	2.5	0.6	0.4	-0.3	0.5	0.5	0.7	-0.7
108/ 10800	Pembuatan makanan haiwan tersedia	0.2	-2.7	-6.1	-4.2	2.1	-1.1	-1.0	1.9	1.7	0.1
110	Pembuatan minuman ringan	2.4	0.6	-1.6	1.2	1.9	1.2	-2.2	1.7	1.4	0.02
	11041 Pembuatan minuman ringan	1.2	1.0	-2.2	1.0	1.6	1.8	-2.3	1.8	0.8	-0.2
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	7.0	-0.6	-1.6	0.2	3.3	-0.2	-1.5	1.4	3.6	0.1
	Industri lain	0.03	0.9	2.4	4.6	1.1	1.0	-3.3	1.5	-0.1	1.1
120/ 12000	Pembuatan produk tembakau	17.5	-13.4	1.4	-0.9	5.7	-6.0	1.8	0.3	1.0	3.7
131	Pemintalan, penenunan dan penyiapan tekstil	1.7	-0.5	1.6	-1.6	2.0	1.9	1.1	-0.9	-0.4	-0.2
	13110 Penyediaan dan pemintalan gentian tekstil										
	&										
	13120 Penenunan tekstil	2.4	-0.7	3.2	-1.6	2.9	1.9	-3.1	0.3	-0.6	-0.2
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-1.9	0.3	-2.5	-0.5	-0.7	2.0	12.0	-3.6	-0.1	-0.3
	Industri lain	19.4	-3.5	4.0	-9.3	4.9	1.8	3.7	-1.9	1.3	0.0
139	Pembuatan tekstil lain	0.2	2.2	0.03	-0.5	-1.6	0.4	0.04	-0.5	1.4	-2.9
	13910 Pembuatan fabrik dikait dan dikrusye	-3.0	0.7	-1.1	-1.1	-2.2	2.7	-1.2	-0.3	1.1	-3.6
	Industri lain	2.2	3.2	0.7	-0.2	-1.2	-0.9	0.8	-0.6	1.6	-2.4
141	Pembuatan pakaian, kecuali pakaian berbulu	0.7	0.2	-2.0	3.7	1.6	-0.9	-1.8	-0.3	0.9	0.2
	14102 Pembuatan pakaian	0.6	-0.3	-2.3	4.7	2.2	-0.9	-2.4	-0.3	1.3	0.3
	Industri lain	1.0	1.6	-1.0	0.9	-0.2	-0.7	-0.1	-0.3	0.1	-0.03
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	8.1	-0.2	2.5	-1.9	0.6	-0.3	1.0	-5.1	0.7	-0.2
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	3.2	-4.7	2.7	-1.6	-2.2	-1.8	5.0	-1.8	-0.6	-0.4
152	Pembuatan kasut	3.9	1.3	-0.9	0.8	2.0	1.0	0.1	1.8	1.6	1.2
	15201 Pembuatan kasut kulit										
	&										
	15203 Pembuatan kasut getah	0.3	-2.5	-0.2	1.6	0.3	-0.1	-1.2	1.6	2.9	-0.6
	Industri lain	8.4	5.8	-1.5	-0.03	3.8	2.1	1.5	2.0	0.1	3.4
161/ 16100	Pengilangan dan pengetaman kayu	0.5	-2.4	0.04	-0.8	-0.7	-0.4	1.0	0.8	-1.0	-1.2

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
0.3	-0.5	0.3	-2.6	0.6	0.01	4.5	-0.2	-0.2	0.3	0.8	-2.0	Processing and preserving of meat
-0.7	1.3	0.1	-1.2	-1.0	-1.6	1.2	-1.6	0.1	1.4	1.3	-0.5	Processing and preserving of fish, crustaceans and molluscs
-0.7	1.4	0.2	-1.2	-1.4	-3.1	1.6	-1.0	-0.6	1.9	1.8	-0.7	Canning of fish, crustaceans and molluscs
-0.7	0.8	-0.3	-0.8	1.2	5.6	-0.3	-4.1	3.5	-0.8	-0.8	0.2	Processing, curing and preserving of fish, crustacean and molluscs
0.7	-0.5	-2.3	-0.9	-2.2	-1.3	-3.2	-0.8	-1.0	-0.2	2.4	1.1	Other industry
-2.9	0.7	-4.1	0.6	-0.2	-2.0	-1.2	-1.3	0.2	-0.2	-4.4	6.8	Processing and preserving of fruits and vegetable
0.9	-0.5	-2.2	-1.0	-2.3	-1.2	-3.3	-0.8	-1.1	-0.2	2.8	0.8	Pineapple canning
-0.1	0.3	0.5	0.6	1.0	-0.1	-0.1	-0.05	0.7	0.5	-0.02	-0.3	Manufacture of jams, marmalades and table jellies
0.3	1.9	-0.2	-0.4	0.04	2.7	-0.5	0.5	-0.3	0.02	2.7	-1.5	Other industry
-0.1	0.0	0.1	-0.3	0.3	-0.1	-0.2	0.1	-0.5	0.0	2.4	-0.4	Manufacture of vegetable and animal oils and fats
-0.1	0.2	0.5	0.7	1.1	-0.3	-0.1	-0.1	0.8	0.5	-0.3	-0.2	Manufacture of crude and refined vegetable oil
1.5	0.1	0.8	-1.8	0.2	1.3	-0.1	-0.4	0.1	-0.3	-0.4	-0.9	Manufacture of compound cooking fats
2.3	-0.1	0.9	-3.0	0.2	1.0	-0.5	-0.7	0.1	-0.2	-0.8	0.0	Manufacture of coconut oil
-0.4	0.8	0.4	1.0	0.3	2.0	1.1	0.4	0.1	-0.4	0.4	-3.1	Other industry
-0.2	-0.6	-0.3	-0.2	-1.0	1.5	5.0	-0.4	-0.5	-1.0	1.5	2.1	Manufacture of dairy products
-1.4	-0.8	-0.3	-1.3	-0.5	2.1	6.0	-0.9	-1.7	-0.8	2.6	2.3	Manufacture of condensed, powdered and evaporated milk
1.1	-0.3	-0.2	0.8	-1.8	1.6	4.9	0.4	0.9	-1.4	0.8	2.4	Other industry
0.2	-1.5	-0.8	1.4	0.4	-2.9	-0.8	-2.5	-0.8	-0.1	-1.4	-1.0	Manufacture of grain mill products, starches and starch products
-0.5	0.7	0.1	-0.9	1.3	1.2	0.7	0.3	-0.2	-0.4	0.7	-0.1	Rice milling
-2.4	-0.1	1.2	0.02	3.0	0.9	0.9	-0.5	-0.3	-0.8	-1.2	-2.6	Flour milling
-1.4	3.2	0.1	-0.8	2.4	0.6	0.2	-0.4	-0.2	-0.5	0.4	-0.6	Other industry
-0.5	-0.1	0.5	0.5	0.7	-0.2	2.0	0.4	0.3	-1.3	-0.1	0.05	Manufacture of other food products
-0.8	-0.2	0.3	-0.1	-0.3	-0.3	-0.3	-0.5	0.2	1.4	0.0	-0.1	Manufacture of biscuits and cookies
-2.9	-1.5	-4.4	-0.7	-0.4	-0.7	0.2	0.4	0.3	0.4	3.8	0.2	Manufacture of bread, cakes and other bakery products
-0.3	-0.8	0.3	-0.9	1.1	-1.1	1.3	0.9	-0.3	-0.1	0.9	1.0	Manufacture of snack products
1.1	0.2	-1.0	-2.3	1.3	9.5	0.3	1.0	0.03	-0.2	2.6	0.2	Manufacture of sugar
-0.4	-0.3	0.1	-1.5	1.9	-0.2	2.1	-0.2	-0.5	-0.3	1.9	0.3	Manufacture of cocoa products
0.4	0.2	0.4	-1.0	-0.2	0.7	0.1	1.2	-0.5	-0.2	0.4	0.6	Manufacture of chocolate and chocolate products
0.2	0.1	0.1	-1.4	-0.2	0.8	-1.6	1.0	0.4	0.6	2.8	0.04	Manufacture of sugar confectionery
0.5	0.9	0.1	0.3	-0.4	-2.0	0.2	0.8	-0.3	1.1	1.3	0.2	Manufacture of prepared animal feeds
0.9	1.0	0.1	0.7	-0.3	-2.6	0.6	0.8	-0.2	1.3	0.2	-0.01	Manufacture of sauces and condiments
-0.3	0.3	0.5	-1.0	-0.2	-1.4	0.2	0.8	-0.05	0.6	3.8	0.7	Manufacture of other food products n.e.c.
0.1	1.4	-0.9	0.4	-0.8	-0.4	-2.1	0.8	-0.9	1.7	2.5	0.3	Other industry
0.9	-5.7	-0.8	0.5	-0.5	-5.3	8.1	0.1	-0.8	1.0	0.8	3.6	Manufacture of beverages
2.7	0.9	2.1	-1.0	0.7	0.1	0.3	-1.1	0.2	-0.1	-0.2	-1.3	Manufacture of soft drinks
3.7	1.7	1.6	-1.4	-1.2	-1.1	-0.9	-0.4	0.5	0.2	-0.1	-1.9	Production of natural mineral waters and other bottled waters
-0.2	-1.2	2.9	0.3	6.4	2.4	2.8	-2.4	-0.4	-0.8	-0.4	-0.1	Other industry
3.6	0.0	5.4	-3.3	-3.4	3.4	3.8	-1.9	0.0	0.0	-1.4	0.3	Manufacture of tobacco products
-0.1	0.1	1.1	-0.8	-1.3	1.2	0.1	0.1	-0.5	-0.1	0.6	-2.4	Manufacture of tobacco products
0.3	0.3	3.2	-0.8	-1.1	1.2	-1.3	-0.3	-0.04	-0.02	-0.1	-3.6	Spinning, weaving and finishing of textiles
-0.3	-0.03	-0.1	-0.7	-1.4	1.2	1.0	0.3	-0.7	-0.1	1.0	-1.7	Preparation and spinning of textile fibres
0.4	-0.4	0.4	-0.9	-0.9	-2.2	1.3	-1.5	0.6	0.7	3.1	0.4	Weaving of textiles
0.7	-0.6	0.7	-1.0	-0.7	-3.1	1.4	-1.8	0.8	0.8	3.9	-0.1	Dyeing, bleaching, printing and finishing of yarns and fabrics
-0.3	0.2	-0.4	-0.5	-1.4	0.2	1.1	-0.7	-0.01	0.5	1.1	1.8	Other industry
0.1	2.5	-0.5	-2.2	-0.4	-1.3	2.7	-5.1	0.5	-0.5	0.5	0.0	Manufacture of other textiles
-1.2	-0.3	-0.3	-1.2	0.6	1.3	2.9	-0.1	-0.5	-1.2	-0.03	0.02	Manufacture of knitted and crocheted fabrics
-0.8	-0.3	1.5	-0.1	-1.0	-0.5	1.5	1.2	0.8	-0.1	-0.1	1.8	Other industry
-1.9	-1.2	1.2	-0.04	-1.7	0.5	-0.03	1.2	1.1	-0.7	-0.2	0.1	Manufacture of wearing apparel, except fur
0.3	0.6	1.8	-0.3	-0.2	-1.5	3.2	1.1	0.4	0.4	0.1	3.4	Manufacture of clothing
1.5	0.2	1.6	-2.1	-1.1	3.1	-0.9	0.4	0.4	-0.1	-0.4	1.3	Other industry
												Manufacture of articles of fur, knitted and crocheted apparel
												Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
												Manufacture of footwear
												Manufacture of leather footwear
												Manufacture of rubber footwear
												Other industry
												Sawmilling and planning of wood

Jadual
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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	-1.8	0.5	0.9	1.7	-2.9	2.9	-0.6	1.0	-0.8	0.1
16211	Pembuatan kepingan venier dan papan lapis	-2.6	0.5	2.9	2.3	-4.5	3.8	2.2	1.4	-1.8	0.2
16212	Pembuatan papan partikel dan papan gentian	-1.2	3.4	8.4	-2.2	0.7	4.4	-1.1	-0.8	-0.6	2.3
16221	Pertukangan kayu untuk jurubina	-1.7	0.03	-9.3	-0.01	-0.2	-1.9	-7.0	-3.1	0.9	-0.5
	Industri lain	0.2	-0.9	-0.3	3.2	-2.0	3.2	-3.7	3.7	0.8	-0.9
170	Pembuatan kertas dan produk kertas	1.1	-2.8	1.7	1.2	1.0	-3.0	1.4	1.3	0.3	0.8
17010	Pembuatan pulpa, kertas dan kertas tebal	0.8	-9.2	1.3	5.3	2.8	-5.8	3.5	5.7	3.2	0.3
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	0.1	-2.2	0.3	0.4	-0.4	-2.8	1.3	0.1	-0.8	0.4
17091	Pembuatan sampul surat dan kad surat	5.7	-1.1	0.5	-0.8	-2.7	-2.3	0.2	2.3	0.3	0.0
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	-0.9	-1.9	8.1	0.02	-0.1	-4.2	2.0	0.1	0.2	0.2
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	4.8	-0.6	-4.2	0.2	5.0	-0.02	-4.0	0.2	0.4	4.3
	Industri lain	3.4	-0.4	4.5	2.1	1.8	-1.3	5.1	2.4	0.5	-0.1
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	0.3	-1.9	-0.04	3.4	-4.1	-0.5	1.5	4.1	-3.8	-0.02
18110	Percetakan	0.3	-1.2	0.03	3.2	-4.4	-1.1	2.3	3.9	-4.2	-0.1
18120	Aktiviti perkhidmatan berkaitan percetakan &	0.1	-5.1	-0.4	4.4	-2.4	2.0	-2.4	4.8	-2.0	0.3
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	3.8	-1.8	0.3	1.5	1.9	-2.6	-0.2	1.5	-1.2	1.5
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	4.0	-2.0	-2.9	1.3	3.0	-0.3	0.4	2.1	1.1	0.7
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	8.8	-2.5	0.6	2.2	7.7	1.8	1.5	3.2	3.2	-0.2
20112 & 20113	Pembuatan kimia organik asas	2.7	-2.3	-3.3	1.1	2.2	-0.8	1.2	2.2	-0.05	1.1
20121 & 20129	Pembuatan sebatian bukan organik	9.2	-4.4	-9.5	-0.4	2.7	-0.9	-2.7	-0.6	2.3	-0.04
20129	Pembuatan baja	0.1	0.2	-0.4	2.1	1.9	-0.6	0.2	2.5	0.8	1.0
20131	Pembuatan produk campuran nitrogen	5.3	-0.1	-0.2	1.5	3.5	0.0	1.6	3.9	2.2	0.4
20131	Pembuatan plastik dalam bentuk primer										
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	1.3	-4.0	-0.8	0.9	0.9	-1.2	-3.6	1.0	-0.2	0.3
20210	Pembuatan racun perosak dan produk agrokimia lain	5.8	-2.6	6.5	3.8	1.2	1.0	6.7	1.8	1.5	-0.6
20221	Pembuatan cat, varnis dan penyadur dan mastik	5.5	-3.2	-2.4	1.9	5.7	-4.2	-2.9	1.5	2.8	0.2
20222	Pembuatan dakwat cetak	5.4	0.3	-1.7	0.7	2.4	0.4	-6.4	-0.4	0.7	-0.2
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	-1.8	-8.2	1.0	1.4	-0.8	-0.6	-3.2	0.3	-2.8	1.4
20232	Pembuatan pewangi dan penyediaan dandanan diri										
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	0.3	-0.8	-2.6	-1.0	-0.7	-1.3	-6.3	1.8	0.5	-0.6
20292 & 20299	Pembuatan dakwat menulis dan melukis										
20299	Pembuatan produk kimia lain t.t.t.l.	12.0	-3.9	-31.9	-7.5	5.5	-5.1	-12.0	0.0	0.0	2.5
	Industri lain										
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-1.6	3.8	4.9	-4.5	-2.3	2.7	4.7	-2.0	-2.4	-0.01
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-2.8	4.8	4.4	-4.9	-3.9	3.4	6.1	-1.4	-3.4	-0.1
	Industri lain	1.5	1.4	6.2	-3.6	1.5	1.0	1.6	-3.4	-0.02	0.3
221	Pembuatan produk getah	-0.6	-5.4	2.9	-0.8	-1.7	-3.8	3.9	-0.6	-1.0	-0.2
22111	Pembuatan tayar getah untuk kenderaan	1.8	4.6	-4.6	0.9	-0.4	-0.4	-2.2	-0.7	0.6	-0.7
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	2.2	-2.6	6.5	5.6	0.1	-3.0	-0.4	-0.5	0.3	0.4
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	5.7	2.2	-3.0	-0.4	2.4	1.1	-7.3	-1.3	1.6	0.6
22193	Pengilangan semula getah dan prosesan susu getah										
22192	Pembuatan sarung tangan getah	-3.9	-8.1	4.1	-1.0	-3.4	-5.4	7.6	-0.7	-3.0	0.1
22199	Pembuatan produk getah lain yang t.t.t.l.	1.5	-7.0	5.8	-1.4	-1.4	-4.8	6.3	-0.1	0.5	-1.2
222	Pembuatan produk plastik	0.4	0.9	1.3	0.7	-0.3	1.4	0.8	0.3	0.3	-0.4
22201 & 22202	Pembuatan produk plastik separa siap	-1.0	3.4	-0.1	-0.7	-1.3	2.4	0.9	-0.5	-0.2	0.3
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	0.8	0.8	3.8	0.3	-0.2	0.1	2.1	-0.01	0.5	-0.3
22204	Pembuatan barangan plastik jurubina	1.2	-0.2	0.5	-1.1	0.9	1.4	0.9	2.1	1.7	-0.8
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	4.3	-1.0	-0.02	-2.5	3.4	-0.05	-2.4	0.1	2.7	-0.1
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-0.2	-0.3	0.3	3.1	-0.7	2.3	0.2	1.2	-0.1	-1.1
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	0.4	0.5	-0.1	-1.7	1.6	6.2	0.7	-3.3	0.3	0.7

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
-2.3	1.2	1.7	-0.01	0.5	-2.1	1.0	0.7	1.5	-1.1	-1.2	-0.2	Manufacture of products of wood, cork, straw and plaiting materials
-3.0	0.6	2.3	0.8	1.3	-1.1	2.0	0.3	2.4	-1.3	-1.8	0.2	Manufacture of veneer sheets and plywood
-1.0	0.1	4.3	0.03	-1.0	-0.5	0.3	0.6	-1.2	-0.1	-0.6	-0.5	Manufacture of particle board and fibreboard
-0.7	-0.3	-0.3	-1.3	-0.1	-6.7	-0.2	-0.6	0.01	-2.5	1.6	0.05	Manufacture of builders' carpentry
-1.9	4.7	0.1	-1.5	-0.8	-2.3	-0.7	2.5	1.1	0.05	-1.3	-1.1	Other industry
-0.1	-1.3	-1.7	-0.1	-0.4	0.5	1.3	1.5	-0.3	0.1	0.04	1.0	Manufacture of paper and paper products
-0.6	-0.2	-5.4	-0.2	0.4	3.1	-0.05	2.3	-0.4	3.8	3.6	2.7	Manufacture of pulp, paper and paperboard
-0.01	-2.7	-0.2	0.04	-1.4	0.6	2.1	1.3	-0.3	-0.8	-0.5	0.3	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
-3.0	-1.7	0.2	-0.8	0.5	0.2	-0.5	0.6	1.7	0.0	0.3	-0.5	Manufacture of envelopes and letter-card
-0.5	-0.3	-4.0	-0.02	-1.6	-0.2	3.9	1.4	-0.9	-0.4	-0.9	-0.5	Manufacture of household and personal hygiene paper
0.3	0.2	-0.4	0.1	0.5	-3.6	-0.9	0.1	-1.0	1.2	-0.3	5.0	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
1.4	-1.3	0.7	-0.7	2.6	3.1	-0.6	2.8	1.6	-1.9	-1.5	-0.6	Other industry
-0.3	-0.7	0.2	0.02	0.05	1.9	-0.5	2.7	1.4	-0.1	-4.0	0.1	Printing, service activities related to printing and reproduction of recorded media
-0.2	-1.0	-0.03	-0.1	-0.1	2.5	-0.1	2.5	1.7	-0.3	-4.1	0.3	Printing
-0.7	0.4	1.1	0.5	0.6	-0.8	-2.2	3.5	0.1	1.1	-3.6	-0.5	Service activities related to printing
												Reproduction of recorded media
1.7	-1.5	-1.1	-0.1	0.4	0.3	-0.9	1.4	0.4	-0.3	0.3	1.4	Manufacture of refined petroleum products
1.2	0.8	-0.8	-0.4	-0.1	1.1	-0.5	1.5	0.6	-0.01	0.3	1.2	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
4.6	0.2	1.4	0.2	0.4	0.2	0.9	0.5	2.8	-0.1	-0.1	-0.9	Manufacture of liquefied or compressed inorganic industrial or medical gases
												Manufacture of basic organic chemicals
1.2	0.8	-1.0	-0.5	0.3	1.3	-0.4	2.0	-0.2	0.3	-0.5	2.5	Manufacture of inorganic compounds
												Manufacture of fertilizers
0.5	2.3	-3.1	-0.1	-0.2	0.3	-2.8	0.6	0.8	-2.1	1.1	-0.1	Manufacture of associated nitrogen products
0.1	0.3	-0.2	-0.7	-1.4	1.8	-0.3	1.3	0.9	0.3	1.6	0.9	Manufacture of plastics in primary forms
0.8	0.3	-0.3	-0.1	0.4	1.4	-0.2	2.9	-0.4	1.3	-0.2	1.1	Other industry
0.8	-1.0	0.2	-0.4	-1.5	-0.1	-2.0	0.6	0.1	0.2	-0.2	0.7	Manufacture of other chemical products and man-made fibres
0.3	0.6	0.6	-0.2	-0.2	4.1	2.6	1.9	0.005	-0.1	-0.7	-0.4	Manufacture of pesticides and other agrochemical products
2.6	-3.8	-0.4	-0.1	-1.1	-0.4	-1.5	0.02	0.5	1.0	-1.2	0.5	Manufacture of paints, varnishes and similar coatings ink and mastics
1.9	0.7	-0.4	0.2	-7.2	0.4	0.4	-0.1	-0.1	-0.2	0.8	-0.3	Manufacture of printing ink
												Manufacture of soap and detergents, cleaning and polishing preparations
0.6	-0.6	0.8	-0.8	-0.7	0.6	-3.2	0.4	0.1	-0.2	0.7	2.3	Manufacture of perfumes and toilet preparations
												Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
-0.6	-0.8	-0.2	-0.4	-0.9	-2.2	-3.3	1.3	-0.1	0.5	-0.8	-0.7	Manufacture of writing and drawing ink
												Manufacture of other chemical products n.e.c.
3.0	-2.1	-0.5	-2.5	-1.0	-5.6	-5.8	0.5	-1.3	0.8	0.5	1.4	Other industry
0.1	4.3	-1.4	-0.2	1.8	3.0	-0.1	0.5	-2.5	0.01	-2.4	-0.6	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-0.4	5.9	-2.5	0.1	1.8	4.3	-0.03	0.2	-1.6	0.0	-3.7	-1.0	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
1.2	0.9	0.9	-0.8	1.8	0.1	-0.3	1.2	-4.6	0.02	0.7	0.5	Other industry
-0.4	-1.0	-0.4	-2.5	0.3	2.7	0.8	-0.1	-0.4	-0.1	-1.1	-0.6	Manufacture of rubber products
-0.4	1.5	-0.5	-1.3	-1.7	-0.7	0.1	-0.4	0.6	-0.9	-0.5	0.5	Manufacture of rubber tyres for vehicles
-0.6	-0.5	-0.2	-2.3	1.0	-1.9	0.4	1.8	-2.1	-0.2	1.2	0.4	Manufacture of interchangeable tyre treads and retreading rubber tyres
												Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
0.2	1.2	-0.4	0.4	-0.3	-5.7	-1.4	-0.6	-0.5	-0.2	-0.8	-0.4	Rubber remilling and latex processing
-0.5	-2.8	-0.6	-2.1	0.3	5.9	1.4	-0.5	-0.1	-0.01	-2.4	-0.3	Manufacture of rubber gloves
-0.6	0.4	0.05	-5.2	1.1	3.8	1.3	1.0	-0.9	-0.2	0.7	-1.6	Manufacture of other rubber products n.e.c.
-0.2	1.6	0.5	-0.7	2.2	-1.4	0.1	0.2	0.9	-0.8	0.1	-0.3	Manufacture of plastics products
												Manufacture of semi-manufactures of plastic products
-1.3	3.4	1.0	-1.9	0.1	0.6	0.3	-0.4	0.4	-0.6	0.3	0.2	Manufacture of finished plastic products
-0.3	1.0	-0.1	-0.8	0.1	0.4	1.6	0.8	-0.3	-0.5	-0.3	-0.2	Manufacture of plastic articles for the packing of goods
0.0	1.2	0.5	-0.2	-1.0	0.1	1.8	0.8	1.1	0.2	-1.4	0.4	Manufacture of builders' plastics ware
0.8	-0.2	-0.1	0.2	0.3	-0.2	-2.5	0.3	-0.1	-0.1	-0.6	-0.3	Manufacture of plastic tableware, kitchenware and toilet articles
0.5	1.4	0.8	0.1	6.2	-4.7	-0.9	0.02	2.7	-1.5	0.7	-0.8	Manufacture of diverse plastic products n.e.c.
0.7	1.0	4.3	0.8	-2.9	3.5	0.2	-1.5	-1.2	-0.7	-0.9	-0.6	Manufacture of glass and glass products

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-2.0	2.0	2.5	0.03	-4.3	0.5	2.6	0.3	-2.4	-1.7
23911	Pembuatan mortar refraktori dan konkrit										
&		-6.9	0.1	-0.5	-0.9	-8.1	-2.8	0.1	5.0	-5.5	-1.9
23921	Pembuatan seramik bukan refraktori										
23930	Pembuatan produk porselin dan seramik lain	-15.6	2.0	0.3	-1.4	-2.3	-1.7	1.1	-4.6	-1.7	-1.7
23941	Pembuatan simen hidrolik	-2.1	-0.5	-0.5	4.1	-3.0	-0.6	4.1	0.8	0.9	-0.3
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	-6.1	0.8	6.6	0.6	-5.4	1.9	3.3	1.1	0.2	-6.0
23952	Pembuatan konkrit pratuangan, simen atau artikel batu										
&	buatan yang digunakan dalam pembinaan;										
23953	Pembuatan komponen struktur pasang siap untuk bangunan	2.6	3.0	0.3	-1.9	-6.2	1.2	0.9	-0.6	-6.3	-0.4
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan										
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.										
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-1.5	3.2	6.9	3.4	-0.5	-0.7	11.4	-0.1	1.1	-0.2
	Industri lain	3.8	3.5	6.0	0.8	2.5	2.0	-0.2	-0.2	2.7	-0.03
241											
(24101 &											
24102 &	Pembuatan besi dan keluli asas	-0.9	1.0	3.4	1.8	0.6	0.0	2.5	0.2	0.9	-1.3
24103 &											
24104 &											
24109)											
242											
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	1.5	-3.0	-3.3	-1.1	0.2	-0.8	-2.4	-0.2	1.2	-0.7
24202 &											
24209)											
243	Pengacuan logam	6.3	-4.4	2.1	-2.1	4.0	-4.3	2.9	0.2	2.6	2.0
251 &											
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	0.7	-2.3	1.2	1.8	1.0	0.3	0.6	0.4	0.2	-0.4
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan										
&	pintu pagar daripada logam	0.1	-2.8	4.9	2.5	0.7	0.3	2.2	1.7	-0.4	-0.4
25119	Pembuatan produk struktur logam lain										
25120	Pembuatan tangki, takungan dan kontena daripada logam	0.8	-2.1	-6.5	-0.7	1.7	1.2	-5.1	-2.9	1.8	0.2
	Industri lain	3.3	0.04	-5.1	1.2	1.7	-0.9	-0.4	-2.4	1.2	-1.2
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	2.1	-2.1	4.2	1.2	1.4	-1.8	2.3	0.4	1.1	-0.1
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.1	-4.4	7.5	-0.9	-2.6	-1.6	8.1	-0.01	-0.1	-2.9
25920	Rawatan dan penyalutan logam; menggunakan mesin	7.4	-5.8	-10.8	0.1	5.4	-8.0	-11.4	-0.02	1.8	0.1
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	1.9	-3.2	9.0	-1.3	3.9	-0.6	8.9	0.7	4.9	-1.8
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam										
&		0.7	0.01	4.1	3.3	1.9	-1.3	0.9	-1.5	2.3	0.1
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya										
25994	Pembuatan barangan rumah daripada logam	6.5	-0.6	0.9	6.9	-1.5	-7.0	1.1	11.1	-0.4	0.1
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	1.5	-1.1	4.8	2.5	0.9	-0.4	4.0	1.4	0.4	0.3
	Industri lain	7.4	1.2	11.7	0.3	3.8	0.9	-0.2	-1.0	0.2	4.4
261	Pembuatan komponen dan papan elektronik	0.7	2.8	-0.1	-1.4	-3.7	2.4	-0.6	-0.2	-1.4	-1.7
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya										
&		-0.1	1.9	0.3	-1.1	-3.2	1.6	-0.4	0.2	-1.5	-1.4
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro										
26103	Pembuatan kapasitor dan perintang elektrik										
&											
26104	Pembuatan papan litar bercetak	1.9	3.7	-0.7	-1.8	-4.8	3.7	-0.6	-0.6	-1.6	-2.3
&											
26105	Pembuatan komponen paparan										
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.1	5.3	-0.5	-1.5	-0.5	0.4	-1.9	-1.1	0.4	0.1
262											
(26201 &	Pembuatan komputer dan kelengkapan peranti	-4.1	0.2	-0.3	1.1	0.7	2.0	1.8	2.3	-0.4	0.3
26202)											
263/											
26300	Pembuatan peralatan komunikasi	-1.1	2.2	-1.7	1.0	-0.9	2.1	2.8	0.3	-0.8	-0.5
264/											
26400	Pembuatan peralatan elektronik pengguna	-2.8	0.6	9.8	-3.8	-1.8	0.7	4.9	0.8	-1.8	-0.3
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	1.3	-0.01	-1.8	0.4	1.0	4.1	-1.1	0.8	0.4	0.4
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	1.2	1.6	-3.0	0.4	0.7	5.1	-2.2	1.4	0.5	0.4
&											
26512	Pembuatan kelengkapan kawalan proses perindustrian										
26520	Pembuatan jam tangan dan jam dan bahagiannya	1.5	-5.6	2.9	0.3	2.1	0.8	2.8	-1.5	0.1	0.2
266/											
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	-0.5	0.5	-1.9	-1.2	-3.7	0.2	3.1	1.1	-3.4	-0.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
-0.2	0.7	-0.4	0.1	1.6	0.3	0.7	0.4	0.2	-0.3	0.4	-1.1	Manufacture of non-metallic mineral products
												Manufacture of refractory mortars and concretes
-0.8	-0.6	-2.5	0.3	-0.8	-0.2	1.1	4.1	1.0	-0.2	-1.2	-0.4	Manufacture of non-refractory ceramic
1.1	-1.3	-0.3	-0.1	2.4	2.6	-3.7	-1.7	-1.4	-1.5	-0.5	1.3	Manufacture of other porcelain and ceramic products
-3.6	0.03	-0.2	-0.5	4.9	-0.1	-0.6	0.7	-0.2	0.3	1.2	-0.3	Manufacture of hydraulic cement
0.5	-0.04	1.1	0.8	1.9	0.0	1.4	0.8	0.2	0.1	2.1	-6.2	Manufacture of ready-mix and dry-mix concrete and mortars
												Manufacture of precast concrete, cement or artificial stone articles for use in construction
0.6	1.9	-1.4	0.7	-0.1	0.1	0.9	0.01	-0.2	-0.4	0.3	0.4	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
-1.4	-0.3	2.4	-2.7	6.0	3.2	1.8	-0.9	0.8	-0.04	0.04	-0.6	Manufacture of other articles of concrete, cement and plaster n.e.c.
-0.1	1.7	-0.6	0.9	1.4	-1.9	0.2	-0.2	1.4	-1.4	-0.5	0.7	Manufacture of other non-metallic mineral products n.e.c.
												Other industry
1.0	-0.2	-0.02	0.2	-0.4	0.8	2.2	-0.1	0.03	0.3	0.5	-1.0	Manufacture of basic iron and steel
-0.3	-0.3	-0.2	-0.3	-0.9	-1.2	-0.4	-0.4	-0.2	0.4	0.6	0.4	Manufacture of basic precious and other non-ferrous metals
-0.6	-0.2	-0.7	-3.4	4.1	-1.8	0.6	1.3	-0.6	-0.4	3.0	0.4	Casting of metals
1.2	-0.2	-0.5	1.0	-0.02	1.1	-0.5	-0.3	-1.6	2.3	0.9	-0.8	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
												Manufacture of metal doors, windows and their frames, shutters and gates
1.5	-0.02	-1.1	1.5	-0.1	3.9	-1.4	0.4	-2.1	3.5	0.5	-0.8	Manufacture of other structural metal products
-0.4	0.2	1.0	-0.04	0.3	-9.7	4.8	-1.9	-0.3	-0.7	1.3	0.0	Manufacture of tanks, reservoirs and containers of metal
1.7	-1.6	0.9	-0.2	0.2	0.9	-1.5	-1.9	-0.4	-0.1	2.3	-1.2	Other industry
0.4	-0.7	0.2	-1.3	0.5	2.2	-0.4	-0.5	-0.2	1.1	0.02	0.1	Manufacture of other fabricated metal products; metal working service activities
												Forging, pressing, stamping and roll-forming of metal; powder metallurgy
0.4	-0.2	0.2	-1.7	3.2	3.7	1.0	-0.7	-1.0	1.8	1.2	-0.1	Treatment and coating of metals; machining
3.4	-4.5	-1.3	-2.4	-1.3	-9.5	-0.8	-1.4	0.1	1.2	-0.4	0.2	Manufacture of tins and cans for food products, collapsible tubes and boxes
0.9	-0.8	0.5	-0.3	1.4	9.1	-1.6	1.6	-1.1	0.3	1.0	0.1	Manufacture of metal cable, plaited bands and similar articles
-0.4	-0.3	0.1	-1.1	-1.8	3.7	-1.0	-1.1	0.05	-0.4	0.1	-0.4	Manufacture of bolts, screws, nuts and similar threaded products
-1.2	-1.0	0.0	-6.1	-0.5	-0.3	1.9	1.5	9.5	-0.03	-0.7	-0.2	Manufacture of metal household articles
0.3	0.5	0.6	-1.5	0.1	4.1	-0.2	-0.9	-0.5	2.9	-1.0	0.4	Manufacture of any other fabricated metal products n.e.c.
-0.7	-1.2	1.1	1.0	1.7	-0.3	-1.6	-0.1	-0.8	-0.1	-0.2	1.0	Other industry
-0.6	1.2	0.7	0.4	-3.3	-0.4	3.2	0.5	-0.2	-0.4	-1.9	-0.8	Manufacture of electronic components and boards
-0.3	1.6	0.1	-0.1	-3.6	-1.3	4.6	0.4	-0.3	0.2	-2.5	-1.6	Manufacture of diodes, transistors and similar semiconductor devices
												Manufacture of electronic integrated circuits micro assemblies
												Manufacture of electrical capacitors and resistors
-1.0	1.0	1.8	0.9	-3.4	1.0	1.9	0.7	-0.1	-1.2	-1.6	0.2	Manufacture of printed circuit boards
												Manufacture of display components
-0.9	-0.6	0.2	0.8	0.2	-1.5	-0.7	-0.2	-0.3	-0.6	1.2	0.2	Manufacture of other components for electronic applications
0.7	-0.3	1.3	1.0	-0.5	1.9	0.4	0.8	1.3	0.2	-0.9	0.01	Manufacture of computers and peripheral equipment
0.4	1.1	1.1	-0.1	-1.5	4.2	0.1	0.7	0.4	-0.7	0.6	-0.2	Manufacture of communication equipment
0.3	-1.6	2.5	-0.1	0.4	-0.6	5.2	-0.7	5.2	-3.5	-1.5	-0.5	Manufacture of consumer electronics
0.2	0.1	1.7	2.3	-2.6	-1.6	3.2	1.0	0.02	-0.3	-1.0	0.2	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
												Manufacture of measuring, testing, navigating and control equipment
-0.2	0.5	1.9	2.6	-3.3	-1.8	3.0	1.6	0.02	-0.2	-0.6	0.3	Manufacture of industrial process control equipment
1.7	-1.2	0.9	1.0	-0.02	-1.0	3.9	-1.0	-0.01	-0.5	-2.3	-0.2	Manufacture of watches and clocks and parts
0.02	-0.3	0.3	0.3	-4.5	4.4	3.4	0.6	0.2	0.2	-2.2	0.2	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	2.8	-2.1	6.5	-5.1	-1.0	-2.0	-3.0	-1.3	-4.0	0.7
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	0.3	-2.7	3.2	-2.2	-1.7	-0.5	4.3	-0.7	0.05	-1.7
27101	Pembuatan motor elektrik, penjana dan transformer	1.7	-3.8	4.9	-1.9	0.5	0.6	3.6	-3.5	-0.1	-0.1
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-0.8	-2.0	2.0	-2.4	-3.3	-1.3	4.8	1.5	0.1	-2.8
272/ 27200	Pembuatan bateri dan akumulator	-0.7	-0.4	4.1	-3.0	1.2	-0.9	-2.5	-1.8	0.1	1.3
273	Pembuatan pendawaian dan peranti pendawaian	0.9	-3.1	2.0	-2.0	1.9	-1.1	1.4	1.9	1.9	-0.2
27310	Pembuatan kabel gentian optikal	2.5	2.8	-1.4	0.7	-0.04	5.8	-2.4	2.9	0.1	-0.5
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	0.3	-3.7	1.8	-2.2	2.2	-1.6	1.5	2.2	2.1	-0.2
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	10.3	2.6	5.9	-0.3	-0.6	1.6	1.8	-2.2	0.8	-0.4
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	-0.9	-1.9	9.9	0.7	1.9	0.2	1.6	0.9	1.1	-2.6
275/ 27500	Pembuatan perkakasan domestik	5.1	0.9	-4.5	-1.7	4.7	-1.9	-8.5	-1.1	0.6	-1.1
279/ 27900	Pembuatan kelengkapan elektrik lain	0.7	-1.9	0.8	-1.0	-1.0	-0.6	2.2	2.1	0.3	-1.0
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	0.8	1.4	-3.0	-1.6	1.0	1.3	-0.5	-0.5	0.8	1.3
28120 & 28130	Pembuatan alat-alat kuasa bendalir	4.9	0.8	-8.3	-13.2	-6.1	-1.4	-1.1	-6.9	-5.5	-0.1
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	3.6	2.1	-2.7	0.1	0.7	3.6	-4.0	0.9	1.9	3.0
28192	Pembuatan jentera pembentukan logam dan alatan mesin										
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	2.1	-3.9	-8.7	-2.4	1.9	-3.5	-0.7	0.6	2.2	0.1
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	2.3	2.4	-13.3	-0.2	1.2	0.5	0.2	1.4	0.3	0.5
		-1.6	2.2	1.0	-0.7	2.0	1.6	1.2	-0.9	0.9	1.0
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.2	0.8	4.2	-0.4	-3.6	-0.6	2.8	-0.2	0.1	-0.3
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	3.2	0.5	13.2	1.2	-3.7	-2.6	12.2	-0.6	-1.9	-0.9
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	1.4	-0.3	-2.8	0.1	-2.6	5.1	-2.1	0.3	1.0	-1.0
301 (30110 & 30120)	Pembinaan kapal dan bot	1.9	1.3	4.7	1.3	-0.7	-1.5	-0.9	1.8	0.9	-0.1
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	1.9	-2.3	-1.3	0.2	1.4	0.8	1.6	-0.7	1.0	-0.4
30910	Pembuatan motosikal	6.2	-4.4	7.9	0.4	1.8	-0.6	4.9	1.1	-0.4	-0.4
30920	Pembuatan basikal dan invalid carriages	-6.5	-5.9	-42.6	-9.7	-5.9	8.9	3.5	2.0	-2.3	-2.0
	Industri lain	0.4	0.5	-0.2	1.2	1.8	1.2	-1.5	-2.7	2.5	-0.3
310	Pembuatan perabot	2.6	1.6	1.0	0.7	1.7	-0.1	-0.1	0.2	0.8	0.5
31001	Pembuatan perabot kayu dan rotan	2.4	2.0	1.7	0.0	1.1	0.2	0.3	0.7	0.0	0.4
	Industri lain	3.6	0.2	-1.2	3.0	3.9	-0.8	-1.5	-1.3	3.4	0.6
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	9.5	-4.7	-3.8	1.2	1.1	-4.6	-5.5	-6.7	0.5	-2.6
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	-0.2	-0.4	4.9	-0.8	0.3	-0.5	3.8	0.1	-0.5	0.9
32901	Pembuatan alat tulis	-2.1	-1.5	5.0	-2.7	-1.6	-2.3	6.2	-0.7	-1.9	0.6
	Industri lain	0.4	-0.04	4.9	-0.2	0.8	0.01	3.2	0.4	-0.1	1.0
323/ 32300	Pembuatan barangan sukan	-5.1	-0.1	-16.8	-1.9	11.5	1.3	-16.9	-2.4	2.3	0.3
324/ 32400	Pembuatan permainan dan mainan	-3.8	-1.0	0.5	-0.5	-0.7	0.2	-1.1	1.6	-1.3	0.7
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	3.0	0.02	0.1	0.5	1.3	-1.5	-0.1	0.5	1.4	-0.5
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	5.7	0.8	-0.2	-0.9	4.2	-1.1	-2.0	-1.4	3.0	0.5
	Industri lain	2.5	-0.1	0.1	0.8	0.8	-1.6	0.3	0.9	1.1	-0.7
Jumlah Pembuatan		0.7	-0.2	1.2	0.1	-0.5	0.3	0.9	0.3	-0.1	-0.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
2.4	1.3	-2.3	-0.9	-2.4	-1.4	0.9	-0.8	-0.2	-0.3	-0.1	0.4	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-0.1	-0.3	0.7	-0.8	3.9	0.7	-0.3	1.9	-2.4	-0.2	-0.3	0.3	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
0.7	0.3	0.8	-0.5	0.8	2.9	-0.2	-0.7	-2.5	-0.4	0.3	0.1	Manufacture of electric motors, generators and transformers
-0.7	-0.7	0.5	-1.1	6.4	-1.0	-0.5	4.0	-2.3	0.0	-0.7	0.5	Manufacture of electricity distribution and control apparatus
-0.2	-0.2	0.4	-1.1	-1.3	0.5	-1.7	-0.2	-0.4	-1.2	3.2	-0.7	Manufacture of batteries and accumulators
0.2	0.02	0.0	-1.1	-0.9	2.0	0.3	2.2	-0.1	-0.2	1.4	0.2	Manufacture of wiring and wiring devices
0.4	2.1	1.4	2.1	-1.9	-0.8	0.2	2.3	0.5	0.1	0.01	0.9	Manufacture of fibre optic cables
0.3	-0.1	-0.1	-1.4	-0.6	1.8	0.4	2.4	0.1	-0.3	1.6	0.2	Manufacture of other electronic and electric wires and cables
-1.1	0.7	0.0	0.9	-4.2	6.7	-0.4	0.0	-3.7	1.5	0.0	0.0	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
3.5	-2.6	1.0	1.9	2.1	-0.6	0.1	1.0	0.1	-0.2	-2.7	-2.8	Manufacture of electric lighting equipment
5.2	-0.6	-0.1	-1.2	-2.1	-1.8	-4.7	-0.3	-0.8	-0.03	1.6	-0.2	Manufacture of domestic appliances
-0.4	-0.3	0.1	-0.4	-0.6	2.6	0.2	0.4	1.2	0.5	0.3	-0.4	Manufacture of other electrical equipment
-1.0	0.1	-0.7	1.9	0.2	-0.2	-0.4	0.2	0.3	-1.0	0.4	1.6	Manufacture of general-purpose and special-purpose machinery
-0.6	0.3	0.4	-2.0	0.6	0.1	-1.8	1.3	-0.9	-7.3	-0.3	0.1	Manufacture of fluid power equipment
												Manufacture of other pumps, compressors, taps and valves
-4.0	0.4	-0.5	3.8	-1.0	-1.6	-1.5	0.8	1.2	-1.1	1.8	2.9	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
-0.3	2.4	-5.7	-0.1	-1.3	-1.0	1.6	0.3	-0.1	0.3	-0.3	2.3	Manufacture of air-conditioning machines, including for motor vehicles
0.5	-0.6	0.7	0.4	0.4	-1.7	1.6	1.0	0.3	0.1	2.1	0.01	Manufacture of other special-purpose machinery
-0.03	-0.4	-0.1	2.1	0.9	0.7	-0.5	-0.4	0.1	-0.5	-0.3	1.3	Other industry
-3.5	0.1	-0.9	0.2	1.9	1.9	-1.0	2.2	-0.2	-2.2	-0.2	0.7	Manufacture of motor vehicles
-1.0	-0.4	0.1	-2.4	1.3	11.1	-0.2	-2.2	0.5	1.1	-0.5	0.1	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
-2.6	6.7	-0.9	-0.6	0.6	-2.4	-0.3	0.9	-1.1	0.5	-0.1	-0.7	Manufacture of parts and accessories for motor vehicles
-1.5	-1.2	-0.3	-0.01	-0.6	-0.5	0.2	-0.8	-0.3	2.9	1.3	-2.4	Building of ships and boats
0.8	0.1	0.8	-0.2	2.8	-2.8	1.7	-1.3	1.1	-0.5	0.3	0.4	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
2.6	0.2	-0.6	-0.1	7.1	-5.7	3.8	-1.5	2.4	0.2	-0.6	-0.2	Manufacture of motorcycles
-1.7	0.1	5.0	3.6	1.8	1.4	0.3	1.2	1.1	-0.3	-2.7	-0.3	Manufacture of bicycles and invalid carriages
-0.4	0.1	1.7	-0.7	-0.8	-0.6	-0.01	-1.4	-0.1	-1.2	1.6	1.1	Other industry
0.4	2.0	-0.2	-1.8	-1.0	0.9	-0.02	1.0	-1.0	0.3	0.2	0.6	Manufacture of furniture
0.6	2.4	-0.1	-2.2	-1.3	1.8	-0.1	1.2	-1.0	0.5	-0.1	0.7	Manufacture of wooden and cane furniture
-0.1	0.5	-0.8	-0.4	0.2	-1.8	0.2	0.5	-1.1	-0.7	1.2	0.5	Other industry
3.2	-1.9	1.2	-3.9	-4.6	0.3	-1.2	1.2	0.0	-7.9	-0.4	0.4	Manufacture of jewellery, bijouterie and related articles
-0.1	-0.8	0.01	0.3	3.4	0.03	0.4	0.2	0.1	-0.2	0.3	1.7	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-0.3	0.5	-3.2	0.4	1.5	4.1	0.6	-1.0	0.1	0.2	0.1	0.8	Manufacture of stationery
-0.01	-1.2	0.9	0.3	3.9	-1.0	0.3	0.6	0.1	-0.3	0.3	2.0	Other industry
8.7	2.2	0.7	-1.6	0.5	-16.5	-1.1	-1.3	-0.6	-0.6	1.2	0.1	Manufacture of sports goods
-0.1	-0.6	0.6	0.2	0.4	-0.2	-1.4	2.0	0.2	-0.6	-0.6	0.6	Manufacture of games and toys
0.4	-0.6	0.1	-0.9	1.1	0.8	-1.9	0.7	-0.7	0.6	1.9	0.5	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
0.6	0.4	-2.0	0.6	0.7	0.2	-2.9	-2.0	0.4	0.1	2.6	0.7	Repair and maintenance of transport equipment except motorcycles and bicycles
0.4	-0.8	0.5	-1.3	1.2	0.9	-1.8	1.2	-0.9	0.6	1.8	0.5	Other industry
-0.1	0.4	0.2	-0.3	-0.01	0.4	0.5	0.4	0.1	-0.1	-0.2	-0.1	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	2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)
101	Pemprosesan dan pengawetan daging	426	427	103	106	106	111	103	104	108	113	69	75
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	476	478	118	117	120	120	118	116	122	122	79	81
	10201 Pengetinan ikan, krustasea dan moluska												
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	385	376	96	96	97	96	93	92	96	96	62	64
	Industri lain	91	102	22	22	23	24	25	24	27	26	17	17
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	224	215	55	59	56	55	56	55	53	50	37	34
	10303 Pengetinan nanas												
	& 10304 Pembuatan jem, marmalad dan sajian jeli	15	15	4	4	4	4	4	4	4	4	2	2
	Industri lain	208	201	51	55	52	51	53	52	50	47	35	32
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	3,192	3,413	782	784	793	832	827	852	850	884	557	594
	10404 Pembuatan minyak sayuran mentah dan bertapis												
	& 10406 Pembuatan sebatian lemak masakan	218	224	55	56	53	54	54	54	57	59	36	43
	10405 Pembuatan minyak kelapa	115	121	26	27	31	30	30	30	31	30	20	22
	Industri lain	2,859	3,067	701	701	710	748	742	768	762	795	501	528
105	Pembuatan produk tenusu	922	1,003	225	232	225	240	247	247	247	262	166	181
	10502 Pembuatan susu pekat, tepung dan sejat	814	891	199	206	197	212	220	218	220	233	148	161
	Industri lain	107	112	25	26	27	28	27	29	28	28	18	20
106	Pembuatan produk bijian, kanji dan produk berkanji	384	350	96	98	96	94	90	86	86	88	61	64
	10611 Pengilangan beras	186	172	48	47	46	44	45	43	43	42	30	29
	10613 Pengilangan tepung	173	153	41	45	43	44	39	36	38	40	27	31
	Industri lain	25	24	7	6	6	6	6	6	6	6	4	4
107	Pembuatan produk makanan lain	4,498	4,620	1,094	1,082	1,132	1,189	1,155	1,124	1,149	1,192	775	782
	10711 Pembuatan biskut dan cookies	429	454	101	103	111	114	107	109	118	120	72	75
	10712 Pembuatan roti, kek dan produk bakeri lain	995	1,029	239	243	253	259	249	253	260	268	169	175
	10713 Pembuatan produk snek	250	285	62	59	62	67	69	70	71	73	46	50
	10721 Pembuatan gula	71	78	17	17	18	19	19	19	18	22	13	13
	10731 Pembuatan produk koko	97	96	23	24	25	25	23	25	25	24	16	18
	10732 Pembuatan coklat dan produk coklat												
	& 10733 Pembuatan konfeksi gula	405	395	101	92	100	112	104	94	93	104	70	70
	10793 Pembuatan sos dan bahan perasa	429	518	100	102	107	119	130	121	129	139	83	86
	10799 Pembuatan produk makanan lain t.t.t.l.	564	534	135	134	143	152	139	130	128	137	94	88
	Industri lain	1,258	1,230	316	307	312	323	315	304	307	305	213	208
108/ 10800	Pembuatan makanan haiwan tersedia	1,141	1,137	281	277	282	301	279	271	285	303	191	184
110	Pembuatan minuman ringan	573	615	141	139	139	154	151	149	149	166	101	110
	11041 Pembuatan minuman ringan	408	436	101	100	98	109	105	105	105	121	70	78
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	128	132	32	31	32	34	34	32	33	33	23	24
	Industri lain	36	47	9	8	9	11	12	12	11	12	8	8
120/ 12000	Pembuatan produk tembakau	66	66	18	16	15	18	17	15	16	18	11	11
131	Pemintalan, penenunan dan penyiapan tekstil	345	355	84	85	88	89	85	89	90	92	57	59
	13110 Penyediaan dan pemintalan gentian tekstil												
	& 13120 Penenunan tekstil	238	248	56	58	62	62	59	62	63	64	40	41
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	98	98	25	24	24	25	24	24	24	26	16	17
	Industri lain	9	8	2	2	2	2	2	2	2	2	1	1
139	Pembuatan tekstil lain	361	365	88	91	90	92	91	91	91	92	60	61
	13910 Pembuatan fabrik dikait dan dikrusye	100	96	24	26	25	26	24	25	24	23	16	15
	Industri lain	261	268	65	65	65	66	67	66	67	68	45	46
141	Pembuatan pakaian, kecuali pakaian berbulu	939	948	238	230	225	246	245	233	227	243	165	165
	14102 Pembuatan pakaian	636	670	162	154	151	169	174	163	159	175	117	123
	Industri lain	303	278	76	76	74	77	71	71	68	69	48	42
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	25	26	6	6	6	6	6	6	6	6	4	5
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	129	136	32	32	32	33	32	34	34	36	21	24
152	Pembuatan kasut	214	218	54	53	52	55	56	53	53	57	38	38
	15201 Pembuatan kasut kulit												
	& 15203 Pembuatan kasut getah	149	141	39	37	36	37	36	35	34	36	25	24
	Industri lain	65	77	15	15	16	18	20	18	19	21	13	14
161/ 16100	Pengilangan dan pengetaman kayu	526	562	134	127	131	134	136	136	143	148	90	97

2024												2025		Group Description/Period
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
36	34	34	34	35	35	35	35	37	37	37	38	40	36	Processing and preserving of meat
40	39	39	38	39	39	40	41	42	41	40	41	41	40	Processing and preserving of fish, crustaceans and molluscs
31	31	30	30	31	31	31	32	33	32	32	32	32	32	Canning of fish, crustaceans and molluscs
8	8	8	8	8	8	9	9	9	9	9	9	9	8	Processing, curing and preserving of fish, crustacean and molluscs
														Other industry
19	18	19	19	18	18	19	17	17	17	17	17	17	17	Processing and preserving of fruits and vegetable
														Pineapple canning
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Manufacture of jams, marmalades and table jellies
18	17	18	18	17	17	18	16	16	16	16	15	16	16	Other industry
278	279	270	283	287	282	289	278	283	285	283	316	296	297	Manufacture of vegetable and animal oils and fats
														Manufacture of crude and refined vegetable oil
18	18	18	18	18	18	19	19	19	20	19	20	22	21	Manufacture of compound cooking fats
10	10	10	10	10	10	10	10	10	10	10	10	11	11	Manufacture of coconut oil
250	251	241	254	259	254	261	248	254	255	253	287	263	266	Other industry
90	76	81	84	83	80	86	80	82	83	84	95	98	83	Manufacture of dairy products
81	67	72	75	73	71	77	70	73	73	75	85	87	74	Manufacture of condensed, powdered and evaporated milk
9	9	9	9	10	10	9	10	9	9	9	10	11	10	Other industry
33	28	29	29	29	28	29	28	29	28	28	32	32	32	Manufacture of grain mill products, starches and starch products
15	15	15	14	14	14	14	14	14	14	14	14	15	15	Rice milling
15	12	12	12	12	12	12	12	13	12	12	12	16	15	Flour milling
2	2	2	2	2	2	2	2	2	2	2	2	2	2	Other industry
394	382	379	375	375	374	373	382	394	388	394	409	393	389	Manufacture of other food products
37	35	35	36	37	36	39	39	40	40	40	40	38	37	Manufacture of biscuits and cookies
84	85	80	85	84	84	82	87	90	85	91	92	87	88	Manufacture of bread, cakes and other bakery products
23	23	23	23	23	24	24	24	24	24	24	25	25	25	Manufacture of snack products
6	7	6	6	6	6	6	6	6	7	7	8	6	7	Manufacture of sugar
8	7	7	9	8	8	8	8	9	8	8	8	9	8	Manufacture of cocoa products
														Manufacture of chocolate and chocolate products
36	34	34	32	31	31	31	30	32	33	34	37	35	36	Manufacture of sugar confectionery
41	42	47	42	40	40	40	43	46	44	45	50	43	43	Manufacture of sauces and condiments
51	43	44	43	43	43	41	42	45	44	46	47	46	42	Manufacture of other food products n.e.c.
108	105	102	100	102	101	102	102	102	102	100	103	104	104	Other industry
100	91	88	89	90	92	91	98	96	98	97	107	96	88	Manufacture of prepared animal feeds
51	50	50	51	49	49	49	49	51	52	55	59	56	54	Manufacture of beverages
36	35	35	36	34	35	35	34	37	37	40	44	39	38	Manufacture of soft drinks
12	11	11	11	10	10	10	11	11	11	11	11	12	12	Production of natural mineral waters and other bottled waters
4	4	4	4	4	4	4	4	4	4	4	4	4	4	Other industry
6	6	6	5	5	5	5	5	5	6	5	7	6	6	Manufacture of tobacco products
30	28	28	29	30	30	30	30	30	30	30	31	31	29	Spinning, weaving and finishing of textiles
														Preparation and spinning of textile fibres
21	19	19	20	21	21	21	21	21	21	21	22	22	20	Weaving of textiles
8	8	8	8	8	8	8	8	8	8	9	9	8	8	Dyeing, bleaching, printing and finishing of yarns and fabrics
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Other industry
31	30	31	30	31	30	30	30	31	30	31	31	31	30	Manufacture of other textiles
8	8	8	8	8	8	8	8	8	8	8	8	7	7	Manufacture of knitted and crocheted fabrics
23	22	23	22	22	22	22	22	23	23	23	23	23	23	Other industry
85	80	80	80	79	75	76	74	77	76	80	87	84	81	Manufacture of wearing apparel, except fur apparel
61	56	57	56	55	52	53	52	54	53	57	64	63	61	Manufacture of clothings
25	23	23	24	24	23	22	22	23	23	23	23	21	21	Other industry
2	2	2	2	2	2	2	2	2	2	2	2	2	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
11	10	11	11	11	11	11	11	12	12	12	12	12	12	
19	19	18	18	18	17	17	17	18	19	19	19	19	19	Manufacture of footwear
														Manufacture of leather footwear
12	12	12	12	12	12	11	11	12	12	12	12	12	12	Manufacture of rubber footwear
7	6	6	6	6	6	6	6	7	7	7	7	7	7	Other industry
44	46	46	46	45	45	48	47	48	49	49	49	47	49	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	2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2,184	2,233	544	535	546	559	558	553	559	563	374	380
16211	Pembuatan kepingan venier dan papan lapis	1,042	1,086	255	251	265	271	265	268	279	273	179	180
16212	Pembuatan papan partikel dan papan gentian	323	309	82	77	80	84	87	76	71	75	58	50
16221	Pertukangan kayu untuk jurubina	478	476	122	122	119	115	114	117	121	124	76	90
	Industri lain	341	362	85	84	82	90	92	92	87	90	61	60
170	Pembuatan kertas dan produk kertas	2,148	2,162	548	523	527	550	554	526	529	553	371	372
17010	Pembuatan pulpa, kertas dan kertas tebal	241	235	67	55	57	62	64	58	54	59	42	40
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	916	922	226	225	231	235	236	226	228	232	158	162
17091	Pembuatan sampul surat dan kad surat	53	57	13	13	13	14	14	13	15	15	9	10
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	396	415	108	97	92	100	109	99	100	106	73	71
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	248	231	63	62	61	61	57	55	58	60	38	40
	Industri lain	293	302	70	71	73	78	75	74	73	80	50	50
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	2,382	2,497	594	600	584	605	623	636	613	626	414	424
18110	Percetakan	2,015	2,097	498	509	493	514	524	538	512	523	348	350
18120 &	Aktiviti perkhidmatan berkaitan percetakan	368	400	96	91	91	91	98	98	101	102	66	74
18200	Penerbitan semula media rakaman												
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	2,502	2,526	677	570	592	664	682	571	597	675	432	439
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	3,220	3,031	863	801	772	784	770	726	750	784	510	527
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	359	331	90	82	92	96	84	75	87	85	56	66
20112 &	Pembuatan kimia organik asas												
20113	Pembuatan sebatian bukan organik	1,628	1,335	451	408	381	388	344	326	315	349	229	229
20121 &	Pembuatan baja	287	264	76	74	70	66	68	64	69	63	44	42
20129	Pembuatan produk campuran nitrogen	840	1,002	216	210	206	209	247	236	255	264	163	171
20131	Pembuatan plastik dalam bentuk primer	107	100	31	26	25	25	27	26	24	23	18	19
	Industri lain												
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	2,710	2,812	688	657	676	689	730	686	690	706	480	477
20210	Pembuatan racun perosak dan produk agrokimia lain	303	358	71	81	73	77	83	90	89	96	53	71
20221	Pembuatan cat, varnis dan penyadur dan mastik	419	449	106	101	106	107	119	114	110	106	81	77
20222	Pembuatan dakwat cetak	211	171	54	53	53	51	46	44	40	41	31	28
20231 &	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	896	881	236	219	223	218	230	214	217	219	149	142
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	848	927	210	194	213	230	245	218	227	238	162	155
20299	Pembuatan produk kimia lain t.t.t.l.												
	Industri lain	32	26	9	9	8	6	6	6	7	6	4	4
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	804	811	188	197	204	215	191	198	204	218	128	129
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	624	618	149	154	155	166	146	152	154	165	99	95
	Industri lain	180	193	39	43	49	49	45	46	50	53	29	35
221	Pembuatan produk getah	4,036	4,014	943	1,003	1,076	1,014	961	987	1,048	1,017	643	660
22111	Pembuatan tayar getah untuk kenderaan	480	360	115	120	126	119	103	87	87	83	73	59
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	131	160	29	32	35	35	36	40	42	41	23	29
22191 &	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	769	826	182	192	197	198	193	203	210	220	126	156
22193	Pengilangan semula getah dan prosesan susu getah												
22192	Pembuatan sarung tangan getah	1,974	2,050	444	491	543	496	470	503	553	524	315	326
22199	Pembuatan produk getah lain yang t.t.t.l.	683	618	173	168	176	165	159	154	156	149	107	90
222	Pembuatan produk plastik	8,102	8,291	1,996	2,059	2,006	2,041	2,010	2,093	2,079	2,110	1,341	1,360
22201 &	Pembuatan produk plastik separa siap	2,748	2,511	712	702	662	672	643	634	599	635	441	439
22202	Pembuatan produk plastik siap												
22203	Pembuatan artikel plastik untuk pembungkusan barangan	2,207	2,294	550	600	545	512	528	578	593	596	344	397
22204	Pembuatan barangan plastik jurubina	119	119	29	32	29	29	31	30	28	30	20	20
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	584	639	145	148	147	144	148	156	163	171	97	92
22209	Pembuatan pelbagai produk plastik t.t.t.l.	2,444	2,728	560	576	623	684	660	696	695	677	439	413
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	921	945	230	228	231	232	230	243	239	232	151	146

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
189	185	183	185	186	182	188	186	186	185	187	191	192	188	Manufacture of products of wood, cork, straw and plaiting materials
91	88	86	89	91	89	93	93	93	90	92	91	92	88	Manufacture of veneer sheets and plywood
29	29	29	26	26	24	24	23	24	24	25	25	25	25	Manufacture of particle board and fibreboard
38	38	38	39	39	39	41	40	39	41	39	44	45	45	Manufacture of builders' carpentry
31	30	31	31	30	30	29	29	29	29	30	31	30	30	Other industry
184	186	183	176	174	175	174	175	179	183	181	188	185	187	Manufacture of paper and paper products
21	22	22	21	19	18	18	18	19	20	19	20	19	21	Manufacture of pulp, paper and paperboard
80	78	78	75	74	77	74	76	78	78	77	77	82	80	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
5	4	5	5	4	4	5	5	5	5	5	5	5	5	Manufacture of envelopes and letter-card
35	38	36	33	34	33	35	32	34	34	33	38	34	37	Manufacture of household and personal hygiene paper
19	19	19	18	18	19	19	19	20	20	20	20	20	20	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
25	25	25	24	25	25	24	25	24	26	26	28	25	24	Other industry
204	210	209	209	214	213	210	206	197	200	207	219	209	216	Printing, service activities related to printing and reproduction of recorded media
170	178	177	178	180	180	176	172	164	166	173	184	171	179	Printing
34	33	32	31	34	33	33	35	33	34	34	35	38	37	Service activities related to printing
														Reproduction of recorded media
216	216	250	188	185	198	194	195	208	219	212	244	219	219	Manufacture of refined petroleum products
260	250	260	252	234	241	246	255	250	252	258	274	259	268	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
28	28	28	25	25	25	28	27	31	28	28	29	32	34	Manufacture of liquefied or compressed inorganic industrial or medical gases
116	113	116	119	101	107	104	108	103	110	115	124	110	120	Manufacture of basic organic chemicals
														Manufacture of inorganic compounds
														Manufacture of fertilizers
23	21	24	22	21	21	22	25	22	22	21	20	21	21	Manufacture of associated nitrogen products
84	79	84	77	79	80	84	86	85	85	86	93	87	84	Manufacture of plastics in primary forms
10	9	8	10	8	8	8	8	8	7	8	8	9	9	Other industry
233	248	250	239	222	226	229	232	229	230	226	249	238	239	Manufacture of other chemical products and man-made fibres
26	27	30	30	30	31	29	30	29	32	31	32	36	35	Manufacture of pesticides and other agrochemical products
37	44	38	39	37	38	38	37	35	34	35	38	38	39	Manufacture of paints, varnishes and similar coatings ink and mastics
15	16	15	16	14	14	14	13	13	13	13	15	14	14	Manufacture of printing ink
														Manufacture of soap and detergents, cleaning and polishing preparations
70	79	82	72	71	72	72	74	71	71	68	80	70	71	Manufacture of perfumes and toilet preparations
														Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
82	81	83	80	68	69	74	76	78	78	77	83	77	78	Manufacture of writing and drawing ink
														Manufacture of other chemical products n.e.c.
2	2	2	2	2	2	2	2	2	2	2	2	2	2	Other industry
66	62	63	68	65	65	67	69	68	70	68	79	67	62	Manufacture of pharmaceuticals, medicinal chemical and botanical products
51	47	48	53	49	50	51	52	51	53	51	60	49	46	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
15	15	15	16	15	15	16	17	17	17	17	19	18	17	Other industry
325	318	318	315	326	347	340	353	355	346	342	330	337	323	Manufacture of rubber products
40	33	30	28	28	30	29	30	28	27	28	28	32	27	Manufacture of rubber tyres for vehicles
12	11	14	13	14	14	14	14	14	14	14	14	15	14	Manufacture of interchangeable tyre treads and retreading rubber tyres
66	60	67	66	68	69	70	69	72	73	72	75	81	75	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
														Rubber remilling and latex processing
155	160	155	156	163	184	174	188	190	183	178	163	163	163	Manufacture of rubber gloves
53	54	52	52	52	50	53	53	51	49	50	50	46	45	Manufacture of other rubber products n.e.c.
678	663	668	702	707	683	696	696	687	693	702	714	686	675	Manufacture of plastics products
														Manufacture of semi-manufactures of plastic products
220	221	202	214	216	204	193	203	203	208	211	216	217	222	Manufacture of finished plastic products
178	166	184	195	197	186	200	198	195	198	198	200	206	191	Manufacture of plastic articles for the packing of goods
10	10	11	10	10	10	10	9	10	10	10	10	10	10	Manufacture of builders' plastics ware
48	49	51	51	52	53	52	56	55	56	57	59	45	47	Manufacture of plastic tableware, kitchenware and toilet articles
222	217	221	232	232	231	241	230	224	221	226	229	208	205	Manufacture of diverse plastic products n.e.c.
77	75	79	81	82	81	80	80	80	77	77	78	74	72	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	2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	3,799	3,936	914	932	952	1,001	971	968	973	1,024	648	673
	23911 & 23921 Pembuatan mortar refraktori dan konkrit	320	347	75	80	81	84	88	86	84	89	57	57
	23930 Pembuatan produk porselin dan seramik lain	146	151	37	35	37	37	34	36	41	41	22	26
	23941 Pembuatan simen hidraulik	293	245	73	75	73	73	67	61	59	57	47	39
	23951 Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering	709	769	175	173	177	185	189	188	189	204	125	146
	23952 & 23953 & 23959 Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan; atau kejuruteraan awam dari simen, batu atau konkrit buatan	1,344	1,374	319	330	341	355	337	338	344	355	225	225
	23990 Pembuatan produk mineral bukan logam lain t.t.t.l.	592	639	141	141	146	164	157	154	156	172	106	109
	Industri lain	394	412	95	99	97	104	101	105	100	106	66	71
241 (24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	2,396	2,395	631	596	569	600	630	591	571	603	423	415
242 (24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	1,467	1,590	394	363	347	364	410	401	386	393	275	295
243	Pengacuan logam	398	396	103	99	96	100	104	98	97	97	71	68
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1,722	1,795	431	427	428	435	460	438	449	448	310	317
	25113 & 25119 Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam	890	863	226	224	222	218	220	212	215	216	148	150
	25120 Pembuatan tangki, takungan dan kontena daripada logam	631	734	154	153	157	167	188	177	185	185	126	132
	Industri lain	201	197	51	50	50	51	52	49	49	47	35	35
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	4,211	4,548	1,063	1,018	1,029	1,101	1,142	1,134	1,120	1,152	763	801
	25910 Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	744	791	185	178	184	197	192	190	197	213	128	144
	25920 Rawatan dan penyalutan logam; menggunakan mesin	485	496	128	124	115	118	130	129	114	123	86	86
	25991 Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	555	631	134	128	138	156	156	154	156	165	105	113
	25992 & 25993 Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam	1,124	1,256	277	273	277	297	325	319	312	300	215	215
	25994 Pembuatan barangan rumah daripada logam	65	70	16	16	17	17	17	17	17	17	12	12
	25999 Pembuatan produk lain yang direka daripada logam t.t.t.l.	1,028	1,095	272	249	247	259	271	278	270	277	181	195
	Industri lain	210	210	50	50	52	57	51	48	53	57	35	36
261	Pembuatan komponen dan papan elektronik	12,315	11,398	3,230	3,122	2,887	3,076	2,989	2,853	2,695	2,861	2,013	1,872
	26101 & 26102 Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya	7,930	7,583	2,051	1,995	1,908	1,976	1,948	1,849	1,844	1,942	1,301	1,273
	26103 & 26104 Pembuatan kapasitor dan perintang elektrik	3,912	3,342	1,056	1,004	870	983	915	882	738	807	628	525
	26105 Pembuatan komponen paparan												
	26109 Pembuatan komponen lain untuk aplikasi elektronik	473	473	123	123	109	117	126	123	112	112	84	74
262 (26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3,095	3,480	748	746	768	834	786	789	907	998	535	634
263/ 26300	Pembuatan peralatan komunikasi	783	798	211	198	178	197	198	202	190	208	132	149
264/ 26400	Pembuatan peralatan elektronik pengguna	1,338	1,008	329	311	339	360	311	248	200	249	220	171
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	2,973	3,592	629	755	785	804	796	955	899	941	512	610
	26511 & 26512 Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	2,786	3,405	582	711	736	756	748	909	852	897	479	581
	26520 Pembuatan jam tangan dan jam dan bahagiannya	187	186	47	44	49	47	48	47	47	45	32	30
266/ 26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	728	783	192	194	169	173	197	191	197	198	130	120

2024												2025		Group Description/Period
Jan.	Feb.	Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
330	318	323	322	324	322	323	323	327	335	340	349	341	332	Manufacture of non-metallic mineral products n.e.c.
29	29	30	29	29	28	28	28	29	28	28	32	28	28	Manufacture of refractory mortars and concretes
11	11	11	11	12	12	13	14	14	13	13	14	13	13	Manufacture of non-refractory ceramic
26	21	21	20	21	20	22	18	19	19	19	20	21	18	Manufacture of other porcelain and ceramic products
63	62	64	63	62	63	62	62	65	66	67	71	74	72	Manufacture of hydraulic cement
														Manufacture of ready-mix and dry-mix concrete and mortars
														Manufacture of precast concrete, cement or artificial stone articles for use in construction
115	109	112	111	114	113	115	115	114	119	121	115	116	109	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
53	54	51	50	52	52	49	53	53	56	57	60	54	55	Manufacture of other articles of concrete, cement and plaster n.e.c.
33	33	34	37	34	33	34	32	34	34	35	37	35	35	Manufacture of other non-metallic mineral products n.e.c.
														Other industry
220	202	207	202	197	193	187	189	195	191	194	218	212	203	Manufacture of basic iron and steel
135	140	135	135	135	131	131	126	129	126	126	141	147	148	Manufacture of basic precious and other non-ferrous metals
36	35	33	34	32	32	32	32	33	33	32	33	35	33	Casting of metals
158	152	150	143	148	146	150	151	148	148	146	153	162	156	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
78	70	72	69	72	71	71	73	70	72	71	73	79	71	Manufacture of metal doors, windows and their frames, shutters and gates
63	63	61	58	60	59	62	61	62	61	60	65	65	67	Manufacture of other structural metal products
17	18	17	16	16	16	16	17	16	16	16	16	17	17	Manufacture of tanks, reservoirs and containers of metal
														Other industry
382	381	379	377	382	376	368	373	378	376	374	402	401	400	Manufacture of other fabricated metal products; metal working service activities
65	63	64	64	65	61	63	66	67	68	68	76	72	72	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
43	44	43	44	44	41	41	37	37	41	38	45	42	43	Treatment and coating of metals; machining
53	53	50	50	52	51	53	52	52	53	55	57	57	56	Manufacture of tins and cans for food products, collapsible tubes and boxes
106	109	110	105	106	108	103	104	105	99	97	104	107	108	Manufacture of metal cable, plaited bands and similar articles
6	6	6	6	6	6	6	6	6	6	6	6	6	6	Manufacture of bolts, screws, nuts and similar threaded products
91	90	90	92	94	92	86	90	93	91	91	95	98	97	Manufacture of metal household articles
19	16	16	16	16	16	16	18	19	19	19	20	18	18	Manufacture of any other fabricated metal products n.e.c.
														Other industry
1,005	1,008	976	936	960	957	879	894	921	914	919	1,028	935	937	Manufacture of electronic components and boards
646	655	647	617	606	626	600	620	624	622	620	700	639	634	Manufacture of diodes, transistors and similar semiconductor devices
														Manufacture of electronic integrated circuits micro assemblies
														Manufacture of electrical capacitors and resistors
316	312	288	278	313	291	237	239	262	256	263	288	260	265	Manufacture of printed circuit boards
														Manufacture of display components
43	41	42	41	41	41	42	36	35	36	36	40	36	38	Manufacture of other components for electronic applications
268	267	251	255	264	271	290	296	321	318	312	369	319	316	Manufacture of computers and peripheral equipment
65	67	66	64	68	69	64	63	64	63	76	70	75	74	Manufacture of communication equipment
119	101	91	83	86	80	62	67	72	82	81	85	85	86	Manufacture of consumer electronics
246	266	285	290	311	354	335	282	281	306	305	331	297	313	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
230	250	269	275	295	339	319	267	266	291	289	316	282	298	Manufacture of measuring, testing, navigating and control equipment
														Manufacture of industrial process control equipment
16	16	16	15	16	16	16	15	15	15	15	14	15	15	Manufacture of watches and clocks and parts
64	66	67	64	67	60	67	64	67	66	65	66	60	61	Manufacture of irradiation, electromedical and electrotherapeutic equipment

Jadual
Table

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023	2024	2023				2024				2024		2025
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	499	527	124	122	123	131	138	129	126	134	89	83	
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1,241	1,279	322	300	309	309	316	322	327	314	213	218	
27101	Pembuatan motor elektrik, penjana dan transformer	489	525	116	118	126	130	128	125	137	134	87	92	
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	751	754	207	181	183	180	188	196	190	180	127	127	
272/ 27200	Pembuatan bateri dan akumulator	550	595	135	132	141	143	142	157	154	141	94	90	
273	Pembuatan pendawaian dan peranti pendawaian	1,069	922	278	269	274	248	235	223	234	230	157	150	
27310	Pembuatan kabel gentian optikal	92	96	21	23	24	24	21	24	25	25	14	16	
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	946	791	250	238	241	216	205	189	200	197	137	128	
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	31	35	8	8	8	8	9	9	9	8	6	6	
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	249	289	61	54	66	68	70	66	76	76	47	55	
275/ 27500	Pembuatan perkakasan domestik	395	349	94	98	106	97	96	82	85	86	63	52	
279/ 27900	Pembuatan kelengkapan elektrik lain	444	512	116	104	107	117	117	125	129	141	79	96	
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	4,451	4,418	1,148	1,080	1,084	1,139	1,130	1,053	1,077	1,158	766	776	
28120 & 28130	Pembuatan alat-alat kuasa bendalir	361	254	85	89	91	96	59	58	62	75	40	34	
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	899	894	221	220	224	234	217	205	222	250	149	168	
28192	Pembuatan jentera pembentukan logam dan alatan mesin													
28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	637	649	185	151	147	154	181	154	150	164	121	126	
28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l.	513	492	142	134	118	119	125	120	120	128	85	73	
	Industri lain	2,042	2,129	515	486	505	536	548	516	523	542	371	375	
291 (29101 & 29102)	Pembuatan kenderaan bermotor	1,110	1,015	270	274	279	287	261	243	248	264	180	157	
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	401	419	97	92	102	110	106	102	105	107	72	72	
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	2,115	2,249	511	547	518	538	525	587	563	575	348	376	
301 (30110 & 30120)	Pembinaan kapal dan bot	312	364	77	75	76	83	90	89	90	95	58	67	
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	220	218	209	212	218	220	212	218	143	147	
30910	Pembuatan motosikal	534	551	133	135	132	135	136	138	134	142	89	96	
30920	Pembuatan basikal dan invalid carriages	106	86	31	30	24	22	22	22	23	21	14	13	
	Industri lain	219	230	56	54	53	55	60	60	55	55	39	37	
310	Pembuatan perabot	2,687	2,716	683	655	660	689	694	664	665	693	466	470	
31001	Pembuatan perabot kayu dan rotan	2,192	2,212	553	537	540	562	569	542	538	563	382	382	
	Industri lain	494	503	130	118	120	126	125	122	127	129	84	88	
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	257	264	67	60	61	68	67	66	64	66	44	49	
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	738	792	179	180	185	194	191	190	198	213	128	142	
32901	Pembuatan alat tulis	148	153	37	36	39	37	37	36	40	40	25	27	
	Industri lain	590	639	142	144	146	157	155	154	157	173	103	115	
323/ 32300	Pembuatan barangan sukan	68	57	19	18	16	16	16	14	13	13	10	9	
324/ 32400	Pembuatan permainan dan mainan	263	242	63	66	66	67	55	62	63	62	35	32	
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	1,407	1,420	359	355	338	355	362	359	342	357	241	243	
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	312	305	80	76	69	87	86	84	66	69	57	46	
	Industri lain	1,095	1,115	279	279	269	268	276	274	276	288	184	196	
Jumlah Pembuatan		97,789	99,268	24,517	24,165	24,068	25,039	24,823	24,500	24,474	25,470	16,593	16,889	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
44	45	49	44	42	44	42	41	43	43	43	48	41	42	Manufacture of optical instruments, photographic equipment, magnetic and optical media
109	104	103	101	110	111	112	108	108	104	98	112	112	107	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
46	41	41	38	43	44	45	45	47	45	44	45	47	45	Manufacture of electric motors, generators and transformers
63	64	61	63	67	67	66	63	61	58	54	67	64	62	Manufacture of electricity distribution and control apparatus
44	50	48	50	54	53	52	51	52	50	47	44	44	45	Manufacture of batteries and accumulators
80	78	77	68	78	77	81	78	75	79	72	79	75	74	Manufacture of wiring and wiring devices
7	7	7	8	8	9	9	8	8	8	8	9	8	8	Manufacture of fibre optic cables
70	67	67	57	67	65	69	67	64	68	61	68	65	63	Manufacture of other electronic and electric wires and cables
3	3	3	3	3	3	3	3	3	3	3	3	3	3	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
24	23	23	20	23	23	26	26	25	24	24	28	26	29	Manufacture of electric lighting equipment
32	32	32	25	29	29	28	30	27	27	29	30	27	25	Manufacture of domestic appliances
42	37	38	40	41	44	41	43	45	45	47	50	49	46	Manufacture of other electrical equipment
386	380	365	356	349	347	355	356	366	375	375	408	389	386	Manufacture of general-purpose and special-purpose machinery
														Manufacture of fluid power equipment
20	20	19	19	20	20	20	21	21	24	23	27	17	17	Manufacture of other pumps, compressors, taps and valves
74	75	68	67	69	69	72	72	79	80	79	90	86	82	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
58	63	61	51	51	51	51	49	50	51	54	59	61	66	Manufacture of air-conditioning machines, including for motor vehicles
44	41	40	41	39	40	39	40	41	42	42	43	38	35	Manufacture of other special-purpose machinery n.e.c.
190	181	177	178	170	168	173	175	175	177	177	188	188	187	Other industry
90	90	81	80	82	81	80	84	84	83	82	99	78	79	Manufacture of motor vehicles
36	36	33	34	34	34	35	35	35	35	35	37	36	36	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
172	176	176	195	197	195	188	188	187	191	187	198	186	190	Manufacture of parts and accessories for motor vehicles
29	28	32	29	30	30	30	30	31	31	32	33	33	34	Building of ships and boats
71	73	74	74	75	72	72	69	71	72	72	73	73	73	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
45	45	47	46	47	45	44	44	46	47	47	48	48	48	Manufacture of motorcycles
7	7	7	7	7	7	9	7	7	7	7	7	7	7	Manufacture of bicycles and invalid carriages
19	21	21	20	20	19	19	18	18	18	18	18	19	18	Other industry
237	229	228	221	226	217	217	220	227	227	227	239	238	232	Manufacture of furniture
194	188	187	180	185	177	175	178	184	183	184	196	194	188	Manufacture of wooden and cane furniture
43	42	41	41	41	40	42	42	43	44	43	43	44	44	Other industry
22	23	23	22	22	22	22	21	21	22	21	23	24	24	Manufacture of jewellery, bijouterie and related articles
64	64	64	63	64	63	65	66	66	68	70	75	71	71	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
12	12	12	12	12	12	13	14	14	13	13	14	14	14	Manufacture of stationery
51	52	52	52	52	51	53	52	53	55	57	61	57	58	Other industry
5	5	5	5	5	5	5	4	4	4	4	5	4	5	Manufacture of sports goods
18	18	20	21	21	21	20	21	21	20	20	22	15	16	Manufacture of games and toys
120	121	121	123	120	116	114	114	114	115	119	124	120	122	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
27	30	29	30	28	27	22	22	22	21	23	25	22	24	Repair and maintenance of transport equipment except motorcycles and bicycles
93	91	92	93	92	89	92	92	91	94	96	99	98	98	Other industry
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	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				2024				2024	2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)
101	Pemprosesan dan pengawetan daging	17.9	0.2	17.2	22.0	21.7	11.6	0.01	-2.0	1.2	1.6	-0.8	8.8
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	6.0	0.5	6.0	6.6	7.8	3.6	0.03	-1.2	1.9	1.3	0.5	1.8
	10201 Pengetinan ikan, krustasea dan moluska												
	& 10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska	7.4	-2.3	8.3	8.7	10.7	2.2	-3.3	-4.2	-1.4	-0.4	-2.6	2.1
	Industri lain	0.3	12.4	-3.0	-1.7	-3.1	9.2	15.0	11.7	15.9	7.7	14.1	0.9
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	17.9	-3.8	18.5	23.8	16.8	12.6	2.8	-5.5	-4.7	-7.7	2.8	-7.5
	10303 Pengetinan nanas												
	& 10304 Pembuatan jem, marmalad dan sajian jeli	39.3	-4.0	56.6	54.8	29.4	20.9	-4.0	-8.1	-4.1	0.9	-1.2	0.2
	Industri lain	16.6	-3.8	16.4	22.0	15.9	12.0	3.3	-5.3	-4.7	-8.4	3.1	-8.1
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	7.9	6.9	8.5	7.8	7.8	7.5	5.7	8.7	7.1	6.2	6.1	6.6
	10404 Pembuatan minyak sayuran mentah dan bertapis												
	& 10406 Pembuatan sebatian lemak masakan	-0.1	2.8	5.5	1.9	-6.1	-1.2	-1.8	-3.0	7.9	8.7	-2.3	20.0
	10405 Pembuatan minyak kelapa	22.9	5.8	11.5	11.2	34.0	36.3	14.9	11.0	-0.3	-0.8	12.5	10.3
	Industri lain	8.1	7.3	8.7	8.2	8.1	7.3	5.9	9.5	7.4	6.3	6.6	5.4
105	Pembuatan produk tenusu	5.3	8.8	1.8	2.3	3.6	13.9	9.8	6.5	10.2	8.8	10.6	9.4
	10502 Pembuatan susu pekat, tepung dan sejat	5.1	9.4	2.3	2.8	1.9	13.6	10.2	6.1	11.5	10.0	11.2	8.6
	Industri lain	7.4	3.9	-1.6	-1.7	18.4	16.3	6.0	9.6	0.7	-0.1	5.8	15.9
106	Pembuatan produk bijian, kanji dan produk berkanji	3.9	-8.9	2.7	6.1	3.4	3.3	-6.1	-12.5	-9.9	-6.9	-4.2	4.1
	10611 Pengilangan beras	3.9	-7.1	6.0	5.5	4.2	0.03	-6.20	-7.8	-8.4	-5.9	-5.3	-2.9
	10613 Pengilangan tepung	4.4	-11.4	-0.7	7.1	3.2	8.0	-5.8	-18.9	-12.4	-7.9	-2.0	13.2
	Industri lain	-0.1	-5.1	1.7	3.2	-0.8	-4.3	-7.5	-2.8	-3.5	-6.6	-9.8	-5.1
107	Pembuatan produk makanan lain	7.9	2.7	8.2	5.3	8.5	9.3	5.6	3.9	1.5	0.2	5.8	0.9
	10711 Pembuatan biskut dan cookies	14.3	5.9	12.6	10.9	16.8	16.8	6.2	5.5	6.2	5.7	6.6	3.8
	10712 Pembuatan roti, kek dan produk bakeri lain	6.7	3.5	9.1	6.5	6.5	5.1	4.4	4.0	2.5	3.3	5.0	3.3
	10713 Pembuatan produk snek	7.9	13.9	12.3	3.0	6.0	10.3	12.8	18.7	14.2	10.3	12.5	8.2
	10721 Pembuatan gula	-11.9	9.2	-22.0	-17.3	-10.9	5.6	10.3	10.2	3.6	12.5	6.4	0.6
	10731 Pembuatan produk koko	4.9	-1.1	-4.8	3.9	12.2	8.9	0.6	1.2	-1.7	-4.4	2.0	13.7
	10732 Pembuatan coklat dan produk coklat												
	& 10733 Pembuatan konfeksi gula	1.0	-2.3	2.4	-7.1	1.1	7.4	2.4	2.5	-6.7	-6.7	3.1	1.2
	10793 Pembuatan sos dan bahan perasa	16.3	20.8	9.1	12.3	18.8	24.8	29.2	18.2	20.0	16.7	31.1	4.1
	10799 Pembuatan produk makanan lain t.t.t.l.	17.2	-5.3	18.9	15.8	19.0	15.2	2.7	-3.0	-10.3	-9.7	2.9	-6.8
	Industri lain	4.3	-2.2	6.4	2.7	4.3	3.8	-0.3	-1.2	-1.6	-5.6	-0.1	-2.4
108/ 10800	Pembuatan makanan haiwan tersedia	7.6	-0.3	7.2	6.4	8.1	8.4	-0.7	-2.2	0.9	0.5	1.5	-3.7
110	Pembuatan minuman ringan	7.7	7.3	6.9	8.3	8.5	7.2	6.7	7.2	7.4	7.9	6.5	8.7
	11041 Pembuatan minuman ringan	9.4	6.9	11.9	12.6	8.8	5.1	4.2	5.0	7.7	10.4	4.0	10.6
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1.4	2.9	-5.5	-2.1	5.2	8.4	7.2	3.9	2.5	-1.8	8.6	3.5
	Industri lain	12.9	28.0	3.3	1.8	18.0	28.2	33.8	48.6	21.7	13.3	28.2	7.0
120/ 12000	Pembuatan produk tembakau	4.8	-0.6	4.5	8.5	5.2	1.7	-3.5	-1.4	2.2	0.7	-3.4	0.6
131	Pemintalan, penenunan dan penyiapan tekstil	-2.5	2.9	-4.4	-2.1	-0.3	-3.0	1.5	4.7	2.4	3.1	1.8	3.8
	13110 Penyediaan dan pemintalan gentian tekstil												
	& 13120 Penenunan tekstil	0.3	4.1	-4.9	1.5	4.7	0.1	4.8	6.1	2.6	3.0	6.0	4.0
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-8.9	0.8	-3.6	-9.8	-12.0	-10.1	-5.8	1.6	3.2	4.7	-7.1	4.2
	Industri lain	1.4	-6.0	-1.0	-3.8	10.8	0.03	-0.82	2.6	-10.5	-15.0	-0.7	-8.4
139	Pembuatan tekstil lain	13.1	1.0	12.3	16.9	12.8	10.8	3.0	0.2	0.8	-0.1	2.7	0.4
	13910 Pembuatan fabrik dikait dan dikrusye	3.3	-3.8	-5.4	10.6	6.3	2.3	0.9	-2.3	-2.8	-10.6	-1.4	-7.0
	Industri lain	17.5	2.8	20.5	19.6	15.5	14.5	3.8	1.2	2.2	4.1	4.3	3.0
141	Pembuatan pakaian, kecuali pakaian berbulu	5.8	1.0	6.0	8.5	5.6	3.4	2.7	1.5	0.9	-1.2	2.5	0.4
	14102 Pembuatan pakaian	6.3	5.3	7.7	9.2	5.2	3.4	7.1	5.5	5.5	3.1	6.3	5.7
	Industri lain	4.8	-8.1	2.7	7.0	6.4	3.4	-6.5	-6.7	-8.5	-10.8	-5.6	-12.5
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	-1.6	3.4	-5.5	-7.2	1.5	5.5	6.4	4.5	0.9	2.1	4.8	4.9
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	5.2	5.3	4.3	8.4	5.1	3.1	-0.2	4.6	8.6	7.9	-0.8	12.3
152	Pembuatan kasut	6.5	2.0	6.0	6.1	6.9	7.1	2.7	0.6	1.7	3.1	3.6	1.3
	15201 Pembuatan kasut kulit												
	& 15203 Pembuatan kasut getah	2.8	-5.3	5.8	4.6	2.0	-1.1	-6.6	-7.2	-4.9	-2.2	-5.5	-1.9
	Industri lain	16.2	18.8	6.6	9.9	19.9	29.0	26.1	19.7	16.7	13.8	26.7	7.5
161/ 16100	Pengilangan dan pengetaman kayu	1.1	6.9	-2.2	-1.6	3.7	4.7	2.0	6.5	8.7	10.4	0.4	7.5

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

1.6b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	5.8	2.2	5.9	6.1	5.9	5.4	2.6	3.4	2.3	0.7	3.0	1.5	
16211	Pembuatan kepingan venier dan papan lapis	3.4	4.2	3.0	5.0	3.9	2.1	3.9	6.8	5.2	1.1	5.2	0.3	
16212	Pembuatan papan partikel dan papan gentian	8.0	-4.3	8.2	2.0	8.3	13.8	6.3	-1.6	-11.0	-10.8	5.3	-13.3	
16221	Pertukangan kayu untuk jurubina	11.6	-0.5	14.3	14.8	12.2	5.4	-6.8	-4.6	1.8	8.2	-7.3	18.6	
	Industri lain	3.6	6.1	1.9	1.5	2.1	8.8	8.6	9.1	6.5	0.6	9.1	-2.1	
170	Pembuatan kertas dan produk kertas	2.3	0.6	4.7	1.4	1.3	1.6	1.1	0.4	0.5	0.5	1.3	0.4	
17010	Pembuatan pulpa, kertas dan kertas tebal	-20.6	-2.5	-9.5	-26.6	-26.4	-19.8	-5.1	4.0	-3.8	-4.1	-6.4	-6.0	
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	9.5	0.7	12.9	9.7	9.0	6.7	4.4	0.6	-1.1	-1.0	4.5	3.1	
17091	Pembuatan sampul surat dan kad surat	-1.6	7.7	-1.7	-0.2	-5.1	0.8	2.9	2.5	14.5	10.9	2.1	8.6	
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	6.0	4.6	10.9	4.2	1.9	6.5	1.1	2.8	9.3	6.0	2.5	-3.6	
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	-8.1	-7.0	-13.5	-4.7	-3.5	-9.6	-10.2	-10.7	-5.1	-1.7	-10.4	4.3	
	Industri lain	11.7	2.8	8.0	10.6	14.3	13.9	6.6	3.3	-0.1	1.8	7.0	-1.4	
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	6.3	4.8	4.8	7.3	7.8	5.2	4.9	5.9	5.0	3.5	4.4	2.5	
18110	Percetakan	6.4	4.1	5.1	7.3	7.7	5.7	5.3	5.6	3.8	1.8	4.7	0.6	
18120 & 18200	Aktiviti perkhidmatan berkaitan percetakan	5.2	8.6	2.8	7.8	8.1	2.5	2.8	7.7	11.5	12.8	2.7	12.3	
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	5.9	0.9	7.7	7.1	2.6	6.1	0.8	0.2	0.9	1.8	1.0	1.6	
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	0.5	-5.9	8.0	1.8	-4.3	-3.4	-10.7	-9.3	-2.9	0.0	-9.1	3.3	
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	21.3	-7.9	23.0	12.5	20.1	29.4	-6.2	-8.8	-5.4	-11.1	-1.2	17.6	
20112 & 20113	Pembuatan kimia organik asas	-2.5	-18.0	9.0	1.2	-10.7	-9.0	-23.6	-20.0	-17.4	-10.0	-22.8	0.2	
20121 & 20129	Pembuatan sebatian bukan organik	-7.6	-8.0	-6.8	-1.8	-7.7	-14.1	-10.7	-13.6	-1.0	-5.8	-12.2	-3.7	
20131	Pembuatan baja	3.5	19.3	6.4	2.1	3.3	2.4	14.6	12.2	24.2	26.5	18.8	4.6	
	Pembuatan produk campuran nitrogen	-9.0	-7.0	9.0	-10.0	-18.0	-15.8	-13.5	-3.3	-1.3	-8.5	-13.0	2.0	
202 & 203	Pembuatan plastik dalam bentuk primer	3.2	3.8	0.3	3.5	5.9	3.3	6.2	4.3	2.1	2.4	4.6	-0.6	
20210	Pembuatan produk kimia lain dan serat buatan manusia	17.4	18.1	6.8	22.6	20.1	20.6	16.8	11.2	20.6	24.2	20.4	34.5	
20221	Pembuatan racun perosak dan produk agrokimia lain	16.1	7.0	7.7	18.8	24.7	14.9	12.4	12.8	3.5	-0.3	11.7	-4.6	
20222	Pembuatan dakwat cetak	-10.3	-18.9	-13.1	-8.3	-7.2	-12.5	-14.9	-18.0	-23.5	-19.5	-13.4	-8.9	
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat	6.2	-1.7	2.9	10.7	10.7	1.5	-2.5	-2.1	-2.6	0.4	-5.4	-4.7	
20291 & 20292	Pembuatan pewangi dan penyediaan dandanan diri													
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials	-4.8	9.3	-4.0	-11.3	-5.1	0.7	16.3	12.1	6.6	3.1	13.5	-4.8	
20299	Pembuatan dakwat menulis dan melukis	-12.7	-19.0	2.6	-4.7	-18.7	-30.3	-31.7	-30.4	-9.7	5.2	-32.8	2.7	
210	Pembuatan produk kimia lain t.t.t.l.	1.9	0.9	4.6	0.7	0.9	1.9	1.4	0.6	0.3	1.3	1.1	1.1	
21001	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-0.9	-1.0	3.9	-1.2	-2.8	-2.9	-1.7	-1.1	-0.5	-0.6	-1.6	-4.1	
	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	13.1	7.4	7.1	7.9	14.7	21.9	13.1	6.6	3.1	7.8	11.4	18.6	
221	Industri lain	-1.4	-0.6	0.5	-5.7	-1.2	1.1	1.9	-1.6	-2.6	0.3	3.0	2.6	
22111	Pembuatan produk getah	25.7	-24.9	41.6	23.4	20.8	20.0	-10.2	-27.7	-30.7	-30.1	-7.5	-18.9	
22112	Pembuatan tayar getah untuk kenderaan	27.3	22.0	25.3	23.6	29.3	30.6	26.6	25.1	20.9	16.4	28.0	26.9	
22191 & 22193	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	4.4	7.4	6.3	3.4	0.4	7.7	5.8	5.7	6.8	10.9	6.3	24.2	
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-8.6	3.9	-8.2	-14.8	-7.0	-3.9	5.8	2.6	1.8	5.6	6.4	3.4	
22192	Pengilangan semula getah dan prosesan susu getah	-4.0	-9.5	-3.1	-5.4	-1.2	-6.4	-8.3	-8.5	-11.4	-9.7	-5.6	-15.5	
22199	Pembuatan sarung tangan getah													
222	Pembuatan produk getah lain yang t.t.t.l.	2.7	2.3	8.0	2.3	-0.3	1.1	0.7	1.6	3.6	3.3	1.3	1.4	
22201 & 22202	Pembuatan produk plastik	0.9	-8.6	14.0	1.7	-3.8	-6.7	-9.6	-9.8	-9.5	-5.4	-10.0	-0.6	
22201 & 22202	Pembuatan produk plastik separa siap	19.5	3.9	36.8	27.4	15.6	1.9	-4.1	-3.7	8.8	16.3	-0.3	15.2	
22203	Pembuatan produk plastik siap	17.5	-0.2	16.9	25.8	15.9	11.4	6.7	-7.9	-2.2	3.6	8.0	0.4	
22204	Pembuatan artikel plastik untuk pembungkusan barangan	-2.3	9.4	-1.7	-1.9	-4.1	-1.5	2.2	5.3	11.1	19.1	1.5	-5.8	
22205	Pembuatan barangan plastik jurubina	-6.8	11.6	-13.7	-14.6	-7.6	9.6	17.8	20.7	11.5	-1.1	17.0	-5.8	
22209	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik													
22209	Pembuatan pelbagai produk plastik t.t.t.l.													
231 (23101 & 23102 & 23109)	Pembuatan pelbagai produk plastik t.t.t.l.	3.6	2.5	9.5	6.4	3.1	-3.8	0.1	6.5	3.6	0.0	-2.9	-3.4	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
4.3	1.7	1.8	3.4	3.3	3.4	4.0	1.6	1.3	0.4	0.3	1.2	1.3	1.7	Manufacture of products of wood, cork, straw and plaiting materials
7.9	2.5	1.2	6.4	6.6	7.5	6.5	4.6	4.5	1.6	1.1	0.5	0.7	-0.2	Manufacture of veneer sheets and plywood
5.2	5.4	8.4	-2.6	-1.1	-0.9	-8.5	-14.3	-10.0	-9.5	-10.5	-12.4	-13.4	-13.2	Manufacture of particle board and fibreboard
-7.4	-7.1	-5.8	-4.8	-4.4	-4.6	4.0	1.4	-0.1	3.6	3.6	17.6	17.9	19.3	Manufacture of builders' carpentry
9.7	8.5	7.6	12.4	8.4	6.5	8.0	7.6	4.1	1.8	4.1	-3.7	-3.6	-0.6	Other industry
2.3	0.3	0.8	0.4	0.3	0.6	1.0	0.4	0.1	0.5	0.7	0.4	0.3	0.5	Manufacture of paper and paper products
-3.4	-9.0	-2.6	1.4	8.1	2.8	-2.8	-5.0	-3.6	-3.8	-4.5	-3.9	-7.1	-5.0	Manufacture of pulp, paper and paperboard
4.6	4.3	4.2	1.4	-1.5	1.9	-2.8	0.3	-0.8	-1.0	-1.2	-0.9	3.1	3.0	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
3.2	1.0	4.3	2.7	2.0	2.8	6.7	22.7	14.2	13.0	9.4	10.3	8.2	9.0	Manufacture of envelopes and letter-card
6.3	-0.9	-1.7	1.4	4.6	2.3	19.2	4.5	4.9	6.0	5.9	6.1	-3.8	-3.3	Manufacture of household and personal hygiene paper
-11.5	-9.3	-9.8	-10.3	-10.6	-11.2	-6.5	-6.9	-1.8	-2.7	-0.9	-1.5	4.0	4.6	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
6.7	7.4	5.6	3.8	4.0	2.2	-0.6	2.1	-1.7	1.8	3.9	-0.04	-1.1	-1.7	Other industry
0.1	8.9	5.8	6.3	5.2	6.3	7.1	4.8	2.9	3.6	4.4	2.5	2.4	2.6	Printing, service activities related to printing and reproduction of recorded media
-0.02	9.7	6.3	6.0	4.7	6.2	6.6	3.5	1.3	2.0	2.6	0.9	0.5	0.7	Printing
0.7	4.9	3.1	8.0	8.1	7.0	10.3	12.2	11.9	12.4	14.2	11.9	12.1	12.5	Service activities related to printing
														Reproduction of recorded media
0.1	1.8	0.6	0.4	-1.1	1.2	1.9	0.5	0.2	1.1	2.6	1.7	1.8	1.5	Manufacture of refined petroleum products
-7.7	-10.6	-13.8	-10.1	-8.2	-9.5	-7.1	-0.6	-0.9	-1.5	0.6	0.7	-0.5	7.3	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
9.9	-10.5	-14.9	-9.1	-8.7	-8.4	-6.9	-9.7	0.2	-13.6	-12.1	-7.7	14.7	20.6	Manufacture of liquefied or compressed inorganic industrial or medical gases
														Manufacture of basic organic chemicals
-23.0	-22.6	-25.1	-19.1	-19.1	-21.9	-22.0	-14.4	-15.4	-11.5	-8.9	-9.7	-5.3	5.9	Manufacture of inorganic compounds
														Manufacture of fertilizers
-13.4	-10.9	-7.8	-13.2	-13.5	-14.1	-7.6	6.6	-1.9	-3.8	-4.5	-9.2	-7.6	0.6	Manufacture of associated nitrogen products
22.1	15.5	7.2	7.8	13.1	15.8	20.0	26.9	25.8	25.0	26.3	28.1	3.2	6.1	Manufacture of plastics in primary forms
-12.5	-13.5	-14.5	-2.4	-4.3	-3.4	3.8	-1.8	-5.5	-14.9	-3.2	-7.2	-3.8	8.3	Other industry
2.7	6.6	9.3	7.3	2.1	3.6	2.0	2.2	2.0	2.5	2.2	2.6	2.5	-3.5	Manufacture of other chemical products and man-made fibres
20.1	20.7	11.0	11.0	11.3	11.4	11.0	31.3	21.0	25.2	24.4	23.1	38.5	30.5	Manufacture of pesticides and other agrochemical products
9.5	13.7	13.9	13.4	10.5	14.4	14.2	0.3	-3.3	-4.3	1.8	1.7	2.7	-10.9	Manufacture of paints, varnishes and similar coatings ink and mastics
-15.7	-11.0	-17.9	-10.1	-23.9	-20.0	-22.9	-25.1	-22.4	-23.4	-22.9	-12.2	-6.4	-11.3	Manufacture of printing ink
														Manufacture of soap and detergents, cleaning and polishing preparations
-5.8	-5.1	3.3	-3.9	-1.4	-0.8	-3.1	-3.4	-1.2	2.0	-1.1	0.3	0.8	-9.6	Manufacture of perfumes and toilet preparations
														Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
8.7	18.8	22.5	21.7	6.8	7.5	6.0	6.8	7.1	4.0	3.6	1.8	-6.1	-3.4	Manufacture of writing and drawing ink
														Manufacture of other chemical products n.e.c.
-32.4	-33.2	-29.1	-29.9	-31.3	-29.9	-28.2	-1.5	8.5	8.2	4.4	3.0	5.8	-0.3	Other industry
1.4	0.8	1.9	0.7	0.3	0.9	0.3	0.5	0.2	0.5	1.6	1.9	1.4	0.8	Manufacture of pharmaceuticals, medicinal chemical and botanical products
-1.1	-2.1	-2.0	-2.1	-1.0	0.1	-0.4	-0.3	-0.9	0.5	0.1	-2.1	-4.8	-3.4	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
11.2	11.6	16.6	11.4	5.0	3.5	2.2	3.2	3.8	0.5	6.4	17.0	22.8	14.5	Other industry
5.2	0.9	-0.3	-2.0	-1.8	-1.0	-4.4	-3.8	0.4	0.7	0.1	0.2	3.8	1.5	Manufacture of rubber products
-1.5	-13.7	-16.2	-31.4	-29.1	-22.6	-30.8	-30.3	-31.1	-31.5	-29.4	-29.4	-18.3	-19.6	Manufacture of rubber tyres for vehicles
32.1	23.9	24.4	26.9	24.4	24.2	25.1	19.9	17.9	17.2	15.1	16.8	30.1	23.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
														Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
12.1	0.5	4.9	1.5	6.7	9.2	6.5	5.7	8.2	10.3	10.1	12.3	23.3	25.1	Rubber remilling and latex processing
7.9	5.0	4.7	5.0	1.1	2.0	-2.1	-0.3	8.1	8.0	5.5	3.2	5.2	1.7	Manufacture of rubber gloves
-7.7	-3.5	-13.4	-8.8	-5.3	-11.5	-10.7	-10.8	-12.8	-13.2	-10.1	-5.5	-14.0	-17.0	Manufacture of other rubber products n.e.c.
0.9	1.6	-0.4	0.8	2.1	2.0	4.5	3.9	2.5	3.1	3.7	3.2	1.1	1.8	Manufacture of plastics products
														Manufacture of semi-manufactures of plastic products
-9.9	-10.1	-8.8	-10.6	-9.0	-9.7	-9.8	-9.6	-9.1	-6.3	-6.2	-3.8	-1.5	0.4	Manufacture of finished plastic products
-0.7	0.2	-10.5	-3.5	-3.4	-4.3	0.6	13.4	13.7	17.6	17.7	13.8	15.5	14.9	Manufacture of plastic articles for the packing of goods
12.5	3.4	4.5	-0.8	-13.9	-8.5	-4.7	-5.0	3.3	4.8	5.9	0.4	-0.05	1.0	Manufacture of builders' plastics ware
1.3	1.7	3.5	3.7	5.9	6.4	10.0	11.7	11.5	12.7	22.4	22.5	-7.7	-3.9	Manufacture of plastic tableware, kitchenware and toilet articles
15.6	18.4	19.5	18.8	21.7	21.8	23.4	8.8	3.5	-0.6	-0.8	-1.8	-6.1	-5.5	Manufacture of diverse plastic products n.e.c.
-5.5	0.05	6.3	8.3	5.4	5.8	5.1	4.5	1.3	0.4	1.8	-2.2	-3.2	-3.6	Manufacture of glass and glass products

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Table : Salaries and Wages Paid of Manufacturing Sector by Group: Annual Percentage Change

1.6b

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	2.2	3.6	0.1	0.1	2.7	5.8	6.3	3.9	2.2	2.3	6.4	3.8	
23911	Pembuatan mortar refraktori dan konkrit													
23921	Pembuatan seramik bukan refraktori	2.9	8.4	1.1	2.9	3.3	4.2	17.7	7.8	3.4	5.8	17.4	-0.8	
23930	Pembuatan produk porselin dan seramik lain	-14.1	3.2	-15.2	-18.1	-12.5	-10.3	-9.0	1.9	10.0	9.7	-13.5	17.5	
23941	Pembuatan simen hidrolik	5.6	-16.5	5.1	7.1	6.9	3.2	-8.0	-18.4	-18.7	-21.0	-5.5	-15.7	
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	-3.8	8.4	-3.4	-6.7	-5.2	-0.01	7.8	9.0	6.6	10.3	6.2	16.8	
23952	Pembuatan konkrit pratuangan, simen atau artikel batu													
23953	buatan yang digunakan dalam pembinaan;													
23959	atau kejuruteraan awam dari simen, batu atau konkrit buatan	5.1	2.2	0.9	3.3	6.5	9.7	5.6	2.6	1.0	-0.2	6.2	-0.1	
23990	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.													
	Pembuatan produk mineral bukan logam lain t.t.t.l.	9.8	8.0	6.1	6.5	11.2	15.0	11.2	9.1	6.8	5.2	13.4	2.9	
	Industri lain	-1.9	4.4	-1.0	-4.7	-2.9	0.9	6.2	5.8	3.1	2.6	5.8	6.7	
241														
(24101 & 24102 & 24103 & 24104 & 24109)	Pembuatan besi dan keluli asas	1.2	-0.04	1.5	0.7	1.9	0.5	-0.1	-0.8	0.3	0.5	0.01	-1.8	
242														
(24201 & 24202 & 24209)	Pembuatan logam asas berharga dan logam bukan ferus lain	5.1	8.4	7.9	7.9	3.1	1.6	4.2	10.4	11.4	7.9	3.7	7.4	
243	Pengacuan logam	-4.3	-0.6	-3.7	-2.0	-6.8	-4.9	0.7	-1.4	1.5	-3.1	2.0	-4.3	
251 & 252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	4.8	4.2	4.1	6.0	6.2	2.9	6.7	2.5	4.8	2.8	8.0	2.4	
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan													
25119	pintu pagar daripada logam	5.9	-3.0	5.7	9.2	9.3	-0.3	-2.6	-5.3	-3.2	-1.0	-1.1	1.4	
25120	Pembuatan produk struktur logam lain	3.5	16.4	1.3	2.5	2.4	7.8	22.1	15.3	17.7	10.9	22.7	4.8	
	Pembuatan tangki, takungan dan kontena daripada logam	4.0	-2.0	6.0	3.5	5.2	1.6	1.8	-1.6	-0.2	-7.7	3.2	-1.6	
	Industri lain													
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	5.8	8.0	4.1	4.4	6.2	8.4	7.5	11.4	8.8	4.6	7.2	5.0	
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-1.4	6.4	-5.0	-5.3	0.8	4.2	3.9	6.2	7.0	8.2	2.8	12.5	
25920	Rawatan dan penyalutan logam; menggunakan mesin	-4.8	2.3	-2.9	-4.7	-5.0	-6.6	1.1	3.8	-0.6	4.7	-0.3	-1.0	
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	16.8	13.5	19.8	16.7	16.5	14.7	16.2	20.5	13.2	5.9	16.6	7.6	
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam													
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya	10.2	11.7	5.1	12.6	10.4	13.0	17.3	16.7	12.9	0.7	17.0	0.1	
25994	Pembuatan barangan rumah daripada logam	0.3	7.1	1.2	-5.3	-1.0	6.6	9.9	10.4	4.5	3.9	10.5	6.3	
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	5.7	6.5	10.3	2.3	3.2	6.9	-0.6	11.6	9.2	6.6	-1.2	7.5	
	Industri lain	13.4	-0.01	-10.2	11.7	27.2	32.5	2.4	-4.1	1.8	-0.1	7.99	2.15	
261	Pembuatan komponen dan papan elektronik	0.4	-7.4	1.5	3.2	-1.2	-1.7	-7.5	-8.6	-6.7	-7.0	-6.7	-7.0	
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya													
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro	0.6	-4.4	1.2	1.1	0.9	-0.8	-5.0	-7.3	-3.4	-1.7	-4.0	-2.2	
26103	Pembuatan kapasitor dan perintang elektrik													
26104	Pembuatan papan litar bercetak	0.3	-14.6	2.3	7.9	-5.2	-3.6	-13.3	-12.1	-15.2	-17.9	-12.9	-16.3	
26105	Pembuatan komponen paparan													
26109	Pembuatan komponen lain untuk aplikasi elektronik	-0.9	0.04	-0.7	0.9	-4.3	0.3	2.0	-0.4	3.0	-4.4	2.74	-11.53	
262														
(26201 & 26202)	Pembuatan komputer dan kelengkapan peranti	3.1	12.4	0.9	0.9	4.7	5.9	5.1	5.8	18.1	19.7	4.8	18.5	
263/ 26300	Pembuatan peralatan komunikasi	-0.7	1.9	8.7	0.8	-4.8	-7.1	-6.1	1.9	6.9	5.8	-6.3	12.8	
264/ 26400	Pembuatan peralatan elektronik pengguna	-0.2	-24.7	-0.1	-4.9	-1.2	5.1	-5.5	-20.1	-40.8	-30.9	1.5	-22.3	
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	21.3	20.8	20.8	29.5	23.7	12.9	26.5	26.5	14.5	17.2	25.4	19.3	
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan	22.4	22.2	22.2	31.3	24.6	13.5	28.5	27.7	15.8	18.6	27.4	21.1	
26512	Pembuatan kelengkapan kawalan proses perindustrian													
26520	Pembuatan jam tangan dan jam dan bahagiannya	6.8	-0.4	6.6	6.1	11.3	3.1	2.4	6.2	-4.4	-5.2	1.7	-7.3	
266/ 26600	Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik	-1.2	7.6	7.2	4.3	-8.0	-7.8	2.5	-1.8	16.8	14.7	1.4	-7.3	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
5.9	6.9	6.1	6.1	3.0	2.6	3.2	2.8	0.7	2.7	2.1	2.0	3.3	4.2	Manufacture of non-metallic mineral products
														Manufacture of refractory mortars and concretes
15.0	19.8	18.2	13.5	7.1	3.1	3.0	3.3	3.8	2.8	6.5	8.0	-0.9	-0.7	Manufacture of non-refractory ceramic
-24.3	0.7	1.5	0.5	2.4	2.9	7.1	11.0	11.8	11.1	7.9	10.2	17.9	17.0	Manufacture of other porcelain and ceramic products
1.7	-13.3	-13.2	-16.7	-19.1	-19.2	-10.9	-21.5	-23.8	-19.6	-20.8	-22.5	-19.9	-10.5	Manufacture of hydraulic cement
6.2	6.1	11.1	11.1	7.9	8.1	7.7	6.6	5.5	9.2	9.4	12.3	16.6	17.1	Manufacture of ready-mix and dry-mix concrete and mortars
														Manufacture of precast concrete, cement or artificial stone articles for use in construction
5.9	6.5	4.5	3.7	2.1	2.2	0.9	2.7	-0.6	2.5	-1.2	-1.8	0.2	-0.3	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
														Manufacture of other articles of concrete, cement and plaster n.e.c.
13.5	13.3	7.0	13.6	6.2	8.0	7.9	8.4	4.3	4.7	7.2	3.8	2.7	3.1	Manufacture of other non-metallic mineral products n.e.c.
4.3	7.3	7.0	7.7	7.4	2.2	6.2	1.6	1.7	0.7	3.6	3.6	7.1	6.3	Other industry
2.2	-2.3	-0.4	0.1	-2.0	-0.5	-0.3	0.1	1.1	0.0	1.1	0.4	-3.9	0.6	Manufacture of basic iron and steel
3.3	4.1	5.3	11.2	10.1	10.0	11.6	11.1	11.4	7.5	6.9	9.4	9.0	5.7	Manufacture of basic precious and other non-ferrous metals
-1.1	5.3	-2.0	2.8	-3.0	-4.2	2.4	2.2	-0.1	-1.1	-2.6	-5.4	-1.6	-7.1	Casting of metals
9.8	6.2	4.2	1.6	2.8	3.2	4.5	6.0	4.0	5.0	3.3	0.2	2.2	2.6	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
3.7	-5.8	-5.7	-6.4	-5.3	-4.2	-4.6	-1.1	-3.7	0.2	-1.0	-2.0	1.3	1.4	Manufacture of metal doors, windows and their frames, shutters and gates
22.6	22.7	20.9	14.3	16.0	15.6	18.8	17.2	17.2	16.1	12.8	4.9	3.3	6.3	Manufacture of tanks, reservoirs and containers of metal
-2.2	8.7	-1.0	-1.7	-1.6	-1.7	0.4	2.9	-4.1	-8.1	-7.9	-7.1	2.6	-5.6	Other industry
8.0	6.3	8.0	11.9	11.0	11.3	9.7	9.1	7.6	5.3	4.4	4.1	5.1	5.0	Manufacture of other fabricated metal products; metal working service activities
2.8	2.9	6.0	6.3	6.4	6.0	6.0	7.4	7.6	8.4	8.9	7.3	11.6	13.4	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
-0.6	-0.1	4.1	5.6	6.0	-0.1	-0.3	-0.7	-0.9	11.7	4.5	-0.9	-0.7	-1.4	Treatment and coating of metals; machining
16.0	17.2	15.4	20.1	20.8	20.7	23.8	11.5	5.6	5.9	3.1	8.6	8.6	6.7	Manufacture of tins and cans for food products, collapsible tubes and boxes
18.1	16.0	17.9	19.4	13.4	17.4	12.7	14.4	11.5	1.7	0.5	0.1	0.8	-0.6	Manufacture of metal cable, plaited bands and similar articles
8.5	12.4	8.8	8.4	12.7	10.2	4.9	4.1	4.3	5.9	4.6	1.2	7.6	5.0	Manufacture of bolts, screws, nuts and similar threaded products
-1.2	-1.1	0.4	11.3	11.9	11.6	8.6	9.5	9.6	4.9	7.7	7.3	7.3	7.8	Manufacture of any other fabricated metal products n.e.c.
27.8	-8.2	-8.1	-7.9	-3.8	-0.4	1.7	1.7	1.8	1.5	-0.8	-1.0	-1.6	6.4	Other industry
-4.7	-8.6	-9.0	-10.5	-8.3	-7.0	-6.6	-6.6	-6.8	-7.2	-6.2	-7.6	-7.0	-7.0	Manufacture of electronic components and boards
-3.2	-4.8	-7.0	-9.0	-7.6	-5.3	-4.1	-2.9	-3.1	-2.9	-0.6	-1.7	-1.2	-3.2	Manufacture of diodes, transistors and similar semiconductor devices
														Manufacture of electronic integrated circuits micro assemblies
														Manufacture of electrical capacitors and resistors
-8.8	-16.7	-14.3	-14.8	-10.4	-11.3	-14.4	-16.4	-14.7	-16.4	-17.4	-19.7	-17.7	-14.9	Manufacture of printed circuit boards
														Manufacture of display components
5.5	-0.1	0.7	0.4	-0.1	-1.6	7.7	6.9	-5.4	-5.2	-3.6	-4.2	-15.2	-7.7	Manufacture of other components for electronic applications
6.6	2.9	5.8	2.5	0.8	14.8	15.6	18.2	20.5	21.0	18.7	19.5	18.8	18.2	Manufacture of computers and peripheral equipment
-9.5	-3.0	-5.6	-3.6	6.7	2.9	14.1	0.7	6.4	6.2	5.6	5.9	15.1	10.5	Manufacture of communication equipment
5.7	-2.9	-19.0	-18.3	-17.2	-24.8	-40.8	-40.6	-41.0	-32.2	-32.3	-28.1	-28.4	-15.2	Manufacture of consumer electronics
22.9	27.8	28.6	25.2	23.2	30.6	28.5	8.7	6.5	16.8	16.4	18.1	21.0	17.8	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
25.0	29.7	30.4	26.8	24.1	31.8	30.7	9.6	7.3	18.3	17.6	19.6	22.9	19.5	Manufacture of measuring, testing, navigating and control equipment
-0.4	3.8	4.0	1.6	8.8	8.3	-3.9	-4.6	-4.6	-6.1	-2.4	-7.2	-6.6	-8.1	Manufacture of industrial process control equipment
														Manufacture of watches and clocks and parts
1.7	1.2	4.8	-4.8	3.7	-4.2	16.0	14.5	20.0	19.6	19.9	5.9	-6.1	-8.5	Manufacture of irradiation, electromedical and electrotherapeutic equipment

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023		2023				2024				2024		2025
		2023	2024	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	(Jan. - Feb.)	(Jan. - Feb.)	(Jan. - Feb.)
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	-0.1	5.6	3.1	-6.8	-1.8	5.5	10.7	6.2	3.1	2.6	10.6	-6.3	
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	-0.4	3.1	-1.7	3.9	-1.2	-2.3	-1.9	7.4	5.9	1.5	-1.1	2.4	
27101	Pembuatan motor elektrik, penjana dan transformer	3.2	7.3	2.5	0.6	2.0	7.8	10.8	5.9	9.2	3.7	9.3	6.1	
27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik	-2.7	0.4	-3.9	6.1	-3.3	-8.5	-9.1	8.4	3.6	-0.1	-7.1	-0.2	
272/ 27200	Pembuatan bateri dan akumulator	14.2	8.3	14.8	15.6	16.0	10.8	5.7	19.6	9.7	-1.2	5.0	-4.8	
273	Pembuatan pendawaian dan peranti pendawaian	-5.6	-13.8	2.0	-1.6	-6.3	-15.9	-15.8	-17.2	-14.4	-7.0	-16.8	-4.8	
27310	Pembuatan kabel gentian optikal	10.4	4.5	11.8	26.8	9.4	-2.2	3.8	4.4	3.4	6.4	3.6	13.0	
27320	Pembuatan wayar dan kabel elektronik dan elektrik lain	-6.4	-16.4	2.5	-2.9	-7.2	-17.3	-18.2	-20.4	-17.1	-9.0	-19.3	-6.7	
27330	Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-20.1	12.0	-26.6	-21.1	-18.6	-13.0	10.8	15.9	11.5	9.7	12.1	-2.3	
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	0.6	15.9	-1.3	-2.3	2.2	3.1	14.3	22.7	16.2	11.7	8.4	17.8	
275/ 27500	Pembuatan perkakasan domestik	-9.3	-11.7	-24.1	-17.3	1.1	9.7	1.9	-16.5	-19.7	-11.5	1.5	-17.8	
279/ 27900	Pembuatan kelengkapan elektrik lain	12.4	15.4	30.3	14.1	7.6	1.4	0.3	20.4	20.8	20.9	-0.8	21.8	
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	0.6	-0.7	2.3	0.9	0.2	-0.9	-1.5	-2.5	-0.7	1.6	-1.5	1.3	
28120 & 28130	Pembuatan alat-alat kuasa bendalir	3.7	-29.7	1.5	6.7	4.8	2.1	-31.0	-34.1	-31.6	-22.7	-29.9	-14.6	
28180 & 28220	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-2.2	-0.5	-3.2	-0.1	-2.0	-3.3	-1.8	-6.9	-0.7	6.8	1.8	12.3	
28192	Pembuatan jentera pembentukan logam dan alatan mesin	-14.3	1.9	2.6	-12.2	-22.2	-23.9	-2.0	1.7	2.0	6.6	-2.5	4.4	
28290	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-2.3	-4.1	-4.5	4.5	0.4	-9.0	-12.0	-10.8	1.5	7.6	-13.3	-13.8	
	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8.1	4.3	7.0	4.3	9.5	11.6	6.4	6.3	3.6	1.0	5.3	1.0	
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-3.7	-8.5	-5.4	-5.8	-0.9	-2.7	-3.5	-11.3	-11.1	-8.2	-2.6	-12.8	
292/ 29200	Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler	16.6	4.6	25.5	6.5	15.0	20.0	9.3	10.9	2.5	-2.9	8.8	-0.2	
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	4.2	6.3	0.4	7.0	5.3	4.0	2.6	7.2	8.7	6.9	3.2	8.0	
301 (30110 & 30120)	Pembinaan kapal dan bot	11.0	16.8	2.8	7.4	13.4	21.3	17.2	17.3	18.2	14.7	20.4	16.1	
302, 303, 304 & 309	Pembuatan lokomotif keretapi, rolling stock, kapal angkasa dan udara, jentera berkaitan, kenderaan tempur ketenteraan, dan kelengkapan pengangkutan t.t.t.l.	-0.3	1.0	2.3	-0.2	-2.4	-0.7	-1.0	1.0	1.6	2.7	-1.7	2.3	
30910	Pembuatan motosikal	0.04	3.21	-0.4	-2.9	-1.4	5.3	2.3	2.8	1.9	5.8	1.6	7.7	
30920	Pembuatan basikal dan invalid carriages	-12.5	-18.6	3.4	0.2	-21.2	-31.0	-30.9	-25.8	-4.5	-6.7	-30.1	-6.6	
	Industri lain	6.2	5.3	8.8	7.0	6.0	3.1	7.7	11.1	3.7	-1.1	6.1	-6.6	
310	Pembuatan perabot	5.1	1.1	3.8	4.2	6.1	6.4	1.7	1.4	0.7	0.6	1.6	0.9	
31001	Pembuatan perabot kayu dan rotan	8.2	0.9	6.9	8.9	8.8	8.3	2.9	0.9	-0.4	0.2	2.7	0.1	
	Industri lain	-6.8	1.8	-7.8	-12.8	-4.5	-1.4	-3.8	3.3	5.8	2.3	-3.1	4.5	
321 (32110 & 32120)	Pembuatan barang kemas, bijouterie dan artikel berkaitan	-1.7	2.7	-0.9	-3.3	-0.8	-1.7	-0.2	9.0	4.6	-2.0	-1.2	10.6	
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	0.7	7.4	-3.4	-0.3	0.5	6.0	6.9	5.8	6.9	9.7	5.6	11.3	
32901	Pembuatan alat tulis	-3.6	3.6	-6.7	-8.4	0.8	0.3	0.1	0.6	4.3	9.2	1.1	9.7	
	Industri lain	1.8	8.3	-2.6	2.0	0.5	7.5	8.7	7.1	7.6	9.8	6.7	11.7	
323/ 32300	Pembuatan barangan sukan	-4.6	-16.6	5.2	1.9	-8.9	-16.2	-17.1	-18.1	-14.8	-15.9	-16.5	-12.2	
324/ 32400	Pembuatan permainan dan mainan	11.5	-8.0	17.4	21.7	5.0	4.3	-13.6	-5.7	-5.0	-7.9	-15.2	-9.9	
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	6.7	0.9	7.5	7.4	8.5	3.6	0.9	0.9	1.1	0.8	0.8	0.8	
33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	13.3	-2.1	16.1	12.2	9.7	14.8	7.2	10.8	-4.9	-20.0	6.6	-18.8	
	Industri lain	4.9	1.8	5.2	6.2	8.2	0.4	-0.9	-1.8	2.7	7.5	-0.9	6.8	
Jumlah Pembuatan		3.5	1.5	4.3	3.6	3.0	2.9	1.2	1.4	1.7	1.7	1.5	1.8	

2024												2025		Group Description/Period
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	
7.4	13.9	10.9	8.5	5.5	4.5	5.9	1.9	1.6	1.9	0.5	5.3	-6.4	-6.3	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-2.2	0.1	-3.7	4.4	8.1	9.5	7.2	4.9	5.5	3.8	0.9	-0.1	2.3	2.4	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
8.9	9.8	14.0	1.8	8.3	7.4	13.0	7.3	7.6	3.9	3.7	3.6	2.7	10.0	Manufacture of electric motors, generators and transformers
-8.9	-5.3	-12.9	6.2	8.0	10.9	3.6	3.3	4.0	3.7	-1.3	-2.3	2.0	-2.4	Manufacture of electricity distribution and control apparatus
1.7	8.0	7.1	18.0	16.5	24.7	12.8	8.7	7.8	4.1	-1.2	-6.5	0.3	-9.2	Manufacture of batteries and accumulators
-15.9	-17.7	-13.6	-19.2	-13.0	-19.5	-10.9	-15.3	-17.1	-9.0	-11.9	0.3	-5.5	-4.1	Manufacture of wiring and wiring devices
4.1	3.1	4.2	7.2	-0.03	6.5	6.3	2.3	1.8	-2.2	13.2	8.9	9.3	16.6	Manufacture of fibre optic cables
-18.3	-20.4	-15.8	-23.1	-15.1	-23.0	-13.5	-17.8	-19.9	-10.4	-15.2	-1.1	-7.1	-6.3	Manufacture of other electronic and electric wires and cables
8.7	15.5	8.1	28.6	9.4	11.5	16.5	8.6	9.7	9.6	8.6	11.0	-2.5	-2.1	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
8.3	8.5	28.5	20.7	25.3	22.0	23.1	14.2	11.6	11.4	15.5	9.0	10.3	25.6	Manufacture of electric lighting equipment
3.8	-0.7	2.7	-2.1	-21.6	-21.3	-22.1	-17.3	-19.9	-16.0	-11.0	-7.5	-15.5	-20.2	Manufacture of domestic appliances
3.9	-5.8	2.8	20.5	19.7	20.8	16.9	22.1	23.2	16.2	28.9	18.3	17.5	26.7	Manufacture of other electrical equipment
-1.7	-1.3	-1.6	-1.7	-3.0	-2.7	0.2	-1.9	-0.3	1.2	1.8	1.9	0.8	1.8	Manufacture of general-purpose and special-purpose machinery
-29.6	-30.2	-33.1	-35.7	-33.3	-33.4	-32.6	-32.4	-29.7	-20.9	-21.0	-25.6	-14.3	-14.9	Manufacture of fluid power equipment
														Manufacture of other pumps, compressors, taps and valves
-0.9	4.7	-8.8	-6.7	-6.1	-7.9	-2.1	-4.3	4.3	7.3	2.8	10.2	15.4	9.3	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
														Manufacture of metal-forming machinery and machine tools
-4.5	-0.7	-0.8	1.0	1.2	2.9	2.3	1.8	2.0	2.4	8.6	8.5	4.9	3.9	Manufacture of air-conditioning machines, including for motor vehicles
-9.4	-17.1	-9.2	-9.2	-12.9	-10.4	-10.4	8.6	8.5	8.8	10.6	3.8	-14.6	-12.9	Manufacture of other special-purpose machinery
5.3	5.2	9.0	7.5	5.3	6.0	9.7	1.2	0.4	0.4	1.4	1.3	-0.9	3.0	Other industry
-2.0	-3.2	-5.5	-10.7	-10.8	-12.2	-12.5	-11.1	-9.7	-10.9	-10.6	-3.5	-13.5	-12.1	Manufacture of motor vehicles
8.5	9.1	10.5	12.1	9.6	11.1	12.5	0.5	-4.0	-3.4	-1.5	-3.8	-1.4	1.0	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
3.6	2.7	1.4	8.0	7.2	6.3	7.5	9.8	8.8	9.8	7.3	3.7	7.9	8.1	Manufacture of parts and accessories for motor vehicles
23.8	16.9	12.0	18.3	16.1	17.5	18.3	18.4	18.0	18.6	11.4	14.3	13.4	18.9	Building of ships and boats
-1.9	-1.5	0.3	0.1	1.1	1.8	2.1	1.1	1.5	0.7	4.2	3.2	3.9	0.8	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
4.0	-0.6	3.5	1.1	3.2	4.3	3.9	1.0	0.9	1.0	8.3	8.5	7.2	8.1	Manufacture of motorcycles
-29.9	-30.2	-32.5	-29.4	-25.4	-22.3	-8.2	-2.6	-1.6	1.4	-7.9	-12.9	-7.8	-5.3	Manufacture of bicycles and invalid carriages
-0.2	12.4	11.0	14.2	10.2	8.8	3.4	3.0	4.6	-0.05	-0.4	-3.0	0.4	-12.8	Other industry
1.5	1.7	1.9	2.0	1.2	0.8	0.3	1.0	0.7	0.6	0.3	0.9	0.8	1.0	Manufacture of furniture
2.4	2.9	3.5	3.5	-0.1	-0.6	-1.1	-0.2	-0.1	-0.3	-0.1	1.0	0.1	0.2	Manufacture of wooden and cane furniture
-2.4	-3.8	-5.2	-4.3	7.6	7.7	6.6	6.4	4.6	4.8	2.1	0.1	4.0	5.0	Other industry
-5.8	3.6	1.8	1.4	10.0	17.1	6.6	6.2	1.2	3.5	-7.9	-1.1	12.7	8.5	Manufacture of jewellery, bijouterie and related articles
4.5	6.6	9.7	9.8	3.0	5.0	8.4	6.4	6.1	8.1	11.1	9.8	11.4	11.3	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
4.0	-1.5	-2.1	1.6	-1.8	2.2	1.7	3.0	8.2	8.0	10.5	9.2	9.1	10.4	Manufacture of stationery
4.6	8.8	12.8	11.9	4.2	5.7	10.1	7.3	5.5	8.1	11.2	10.0	11.9	11.6	Other industry
-12.9	-19.9	-18.4	-19.1	-18.4	-16.8	-16.6	-16.7	-10.4	-22.0	-15.3	-9.7	-15.9	-8.5	Manufacture of sports goods
-15.3	-15.1	-10.8	1.8	-6.8	-11.4	-3.6	-5.6	-5.7	-8.4	-2.0	-12.3	-12.1	-7.8	Manufacture of games and toys
0.9	0.7	1.0	0.8	0.7	1.4	1.0	1.5	0.8	1.2	0.8	0.4	0.2	1.4	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
4.9	8.1	8.4	13.5	9.4	9.5	-4.7	-5.2	-4.8	-13.1	-19.6	-25.2	-18.8	-18.7	Repair and maintenance of transport equipment except motorcycles and bicycles
-0.2	-1.6	-1.0	-2.7	-1.7	-0.8	2.4	3.2	2.3	5.1	7.4	10.1	5.8	7.9	Other industry
2.0	1.0	0.7	1.2	1.1	1.8	2.4	1.5	1.2	1.7	1.8	1.7	1.5	2.0	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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
101	Pemprosesan dan pengawetan daging	3.6	2.5	0.7	4.3	-7.1	0.4	4.0	4.7	-3.3	-6.2
102	Pemprosesan dan pengawetan ikan, krustasea dan moluska	1.3	-0.3	2.4	0.2	-2.2	-1.6	5.6	-0.4	-1.5	-1.9
	10201 Pengetinan ikan, krustasea dan moluska										
	&	2.4	-0.5	1.7	-1.3	-3.2	-1.4	4.7	-0.3	-2.4	-1.7
	10202 Pemprosesan dan pengawetan ikan, krustasea dan moluska										
	Industri lain	-3.2	0.6	5.3	6.6	1.9	-2.3	9.2	-1.0	2.1	-2.9
103	Pemprosesan dan pengawetan buah-buahan dan sayur - sayuran	12.7	7.3	-4.7	-2.4	3.0	-1.4	-3.9	-5.5	4.6	-3.3
	10303 Pengetinan nanas										
	&	29.1	6.2	-7.4	-4.7	2.4	1.7	-3.3	0.3	1.9	-4.0
	10304 Pembuatan jem, marmalad dan sajian jeli										
	Industri lain	11.7	7.4	-4.5	-2.2	3.0	-1.6	-3.9	-5.9	4.8	-3.3
104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	1.1	0.2	1.2	4.9	-0.6	3.1	-0.3	4.0	-5.9	0.3
	10404 Pembuatan minyak sayuran mentah dan bertapis										
	&	1.3	0.8	-5.5	2.3	0.7	-0.4	5.1	3.0	1.3	-1.2
	10406 Pembuatan sebatian lemak masakan										
	10405 Pembuatan minyak kelapa	19.0	3.6	12.4	-1.7	0.3	0.1	1.0	-2.1	0.2	-0.6
	Industri lain	0.5	0.03	1.3	5.4	-0.8	3.4	-0.7	4.3	-6.6	0.4
105	Pembuatan produk tenusu	6.4	3.3	-3.2	7.1	2.5	0.2	0.1	5.8	2.1	-14.9
	10502 Pembuatan susu pekat, tepung dan sejat	6.8	3.2	-4.2	7.6	3.6	-0.6	0.6	6.2	2.6	-16.3
	Industri lain	3.4	3.6	4.9	3.5	-5.7	7.0	-3.6	2.7	-2.5	-1.4
106	Pembuatan produk bijian, kanji dan produk berkanji	4.8	2.3	-2.4	-1.3	-4.8	-4.7	0.5	2.1	1.2	-13.6
	10611 Pengilangan beras	8.2	-2.6	-0.6	-4.5	1.5	-4.3	-1.2	-1.9	4.5	-3.6
	10613 Pengilangan tepung	1.6	8.8	-4.1	1.8	-11.4	-6.2	3.5	7.0	-1.4	-24.3
	Industri lain	0.9	-3.1	-4.4	2.3	-2.4	1.8	-5.0	-1.0	-3.1	-8.3
107	Pembuatan produk makanan lain	0.5	-1.1	4.6	5.1	-2.9	-2.7	2.2	3.7	-3.9	-3.1
	10711 Pembuatan biskut dan cookies	3.7	2.1	8.1	2.0	-5.8	1.5	8.8	1.6	-4.5	-3.6
	10712 Pembuatan roti, kek dan produk bakeri lain	-3.3	2.0	4.0	2.4	-3.9	1.6	2.5	3.2	-4.1	1.4
	10713 Pembuatan produk snek	2.0	-3.6	5.3	6.5	4.3	1.5	1.2	2.9	0.2	-1.3
	10721 Pembuatan gula	-5.3	-0.5	3.5	8.3	-1.1	-0.5	-2.7	17.6	-9.8	7.1
	10731 Pembuatan produk koko	-0.7	6.3	2.4	0.9	-8.3	6.9	-0.6	-1.9	-1.3	-14.7
	10732 Pembuatan coklat dan produk coklat										
	&	-2.5	-9.4	9.1	11.5	-7.0	-9.3	-0.8	11.5	-6.8	-6.0
	10733 Pembuatan konfeksi gula										
	10793 Pembuatan sos dan bahan perasa	5.0	2.1	4.7	11.1	8.8	-6.6	6.3	8.1	-7.0	3.7
	10799 Pembuatan produk makanan lain t.t.t.l.	2.4	-1.0	7.0	6.2	-8.7	-6.5	-1.1	7.0	-2.4	-15.6
	Industri lain	1.6	-2.8	1.6	3.5	-2.4	-3.7	1.1	-0.7	-2.8	-2.3
108/ 10800	Pembuatan makanan haiwan tersedia	1.2	-1.5	2.1	6.6	-7.4	-2.9	5.3	6.2	-6.3	-9.1
110	Pembuatan minuman ringan	-1.4	-1.9	0.2	10.5	-1.9	-1.4	0.4	11.1	-5.2	-2.8
	11041 Pembuatan minuman ringan	-2.9	-0.6	-2.4	11.6	-3.8	0.2	0.1	14.4	-8.1	-3.2
	11042 Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan	1.9	-3.8	4.6	5.8	0.7	-6.7	3.1	1.3	3.1	-3.2
	Industri lain	5.4	-10.2	17.1	15.7	10.0	-0.3	-4.1	7.7	0.7	1.6
120/ 12000	Pembuatan produk tembakau	0.9	-11.6	-2.6	17.1	-4.4	-9.6	0.9	15.4	-18.2	1.8
131	Pemintalan, penenunan dan penyiapan tekstil	-8.7	1.1	3.7	1.3	-4.5	4.3	1.4	2.0	-2.1	-6.6
	13110 Penyediaan dan pemintalan gentian tekstil										
	&	-9.7	4.3	5.6	0.5	-5.4	5.5	2.2	0.9	-1.5	-9.8
	13120 Penenunan tekstil										
	13132 Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik	-7.5	-5.6	-1.4	4.4	-3.1	1.9	0.1	6.0	-4.0	0.1
	Industri lain	5.1	-4.0	7.6	-7.8	4.2	-0.6	-6.2	-12.5	0.6	13.3
139	Pembuatan tekstil lain	7.0	3.0	-0.9	1.5	-0.5	0.2	-0.3	0.6	0.2	-3.1
	13910 Pembuatan fabrik dikait dan dikrusye	-5.9	8.7	-3.2	3.3	-7.1	5.2	-3.8	-4.9	-5.1	-5.9
	Industri lain	12.6	0.9	0.0	0.8	2.1	-1.6	1.0	2.6	2.2	-2.1
141	Pembuatan pakaian, kecuali pakaian berbulu	0.3	-3.7	-2.0	9.4	-0.4	-4.9	-2.7	7.1	-3.4	-6.6
	14102 Pembuatan pakaian	-0.9	-5.0	-2.2	12.3	2.6	-6.3	-2.2	9.8	-3.1	-7.2
	Industri lain	2.8	-1.0	-1.8	3.4	-6.9	-1.3	-3.7	0.8	-4.0	-5.1
142 & 143	Pembuatan artikel daripada kulit bulu dan pakaian yang dikait dan dikrusye	1.4	1.0	2.2	0.8	2.3	-0.8	-1.4	2.0	2.3	-2.0
151 (15110 & 15120)	Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu	-1.0	-0.04	-1.2	5.5	-4.2	4.7	2.5	4.9	-6.7	-2.5
152	Pembuatan kasut	5.8	-3.4	-1.8	6.7	1.5	-5.4	-0.7	8.1	2.1	0.1
	15201 Pembuatan kasut kulit										
	&	4.1	-3.9	-4.5	3.4	-1.6	-4.5	-2.1	6.4	0.3	1.0
	15203 Pembuatan kasut getah										
	Industri lain	10.4	-2.0	4.6	14.0	7.9	-6.9	2.0	11.1	5.8	-1.4
161/ 16100	Pengilangan dan pengetaman kayu	4.7	-4.7	3.0	1.9	2.1	-0.5	5.0	3.5	0.1	2.6

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
0.3	0.7	3.1	-1.1	2.4	-0.5	4.6	1.0	0.3	1.8	4.6	-10.6	Processing and preserving of meat
-1.3	-2.0	3.0	-0.3	1.8	3.9	1.1	-2.1	-0.8	0.8	0.3	-2.9	Processing and preserving of fish, crustaceans and molluscs
-2.0	-1.5	3.4	-0.5	1.1	3.5	1.2	-2.4	-0.7	2.1	-1.0	0.0	Canning of fish, crustaceans and molluscs
1.4	-3.5	1.8	0.3	4.4	5.3	0.7	-1.1	-1.1	-3.8	5.4	-13.1	Processing, curing and preserving of fish, crustacean and molluscs
5.5	-2.0	-2.4	-0.4	2.7	-7.1	-2.2	-0.5	-1.2	-1.1	2.8	0.7	Other industry
4.4	0.3	1.4	-3.2	-0.8	-3.1	3.5	0.2	-2.2	1.0	-1.9	6.1	Processing and preserving of fruits and vegetable
5.6	-2.2	-2.7	-0.2	2.9	-7.3	-2.6	-0.5	-1.2	-1.3	3.2	0.2	Pineapple canning
-3.3	4.8	1.6	-1.6	2.5	-4.0	1.8	0.7	-0.8	11.9	-6.3	0.4	Manufacture of jams, marmalades and table jellies
1.4	0.1	-1.8	0.9	2.7	4.3	-1.2	2.9	-1.2	1.2	14.5	-7.2	Other industry
5.8	-4.9	2.9	-0.6	1.5	-1.3	-0.4	-1.9	1.1	-1.0	9.9	-0.3	Manufacture of vegetable and animal oils and fats
-4.0	5.5	1.8	-1.9	2.5	-4.7	2.1	0.7	-0.8	13.3	-8.3	1.1	Manufacture of crude and refined vegetable oil
5.9	3.9	-1.4	-2.7	7.0	-7.4	2.2	1.3	2.0	12.6	3.4	-15.0	Manufacture of compound cooking fats
6.0	4.2	-1.9	-3.4	8.9	-8.7	3.3	0.9	2.4	13.6	2.6	-15.7	Manufacture of coconut oil
5.0	1.8	2.2	2.7	-6.4	3.8	-6.0	5.0	-1.4	5.0	9.9	-9.1	Other industry
0.8	0.9	-1.0	-1.5	1.2	-1.0	4.3	-4.6	-0.8	14.9	0.4	-1.5	Manufacture of dairy products
1.2	-3.6	0.4	-1.6	-0.7	1.0	-0.9	-0.9	-3.2	4.1	3.6	-0.7	Manufacture of condensed, powdered and evaporated milk
0.2	5.8	-2.1	-1.6	3.9	-3.2	11.3	-9.0	1.9	28.2	-2.3	-2.0	Other industry
2.1	6.0	-3.7	0.01	-2.0	-2.2	-1.0	-1.3	-0.3	5.6	-1.4	-4.2	Manufacture of grain mill products, starches and starch products
-0.6	-1.1	0.01	-0.4	-0.1	2.3	3.0	-1.3	1.5	3.7	-3.9	-1.0	Rice milling
-0.9	1.9	3.0	-1.6	6.9	1.7	2.1	-1.0	0.6	0.8	-5.6	-3.7	Flour milling
-6.6	6.2	-0.3	-0.3	-2.4	6.3	3.1	-5.3	6.5	1.0	-5.3	1.5	Other industry
2.7	-1.9	0.8	4.6	-2.3	-0.1	1.4	2.1	-1.3	2.4	0.6	-0.5	Manufacture of other food products
-1.3	-4.1	3.3	0.3	-2.3	-0.2	-4.6	22.1	-6.2	11.6	-19.1	6.3	Manufacture of biscuits and cookies
3.8	16.2	-10.3	5.7	-2.8	-0.7	8.2	-6.5	-0.2	-0.1	15.4	-8.1	Manufacture of bread, cakes and other bakery products
0.9	-6.6	-1.8	-0.8	-0.03	-2.8	6.8	2.6	2.7	9.4	-6.4	2.9	Manufacture of snack products
11.0	-11.3	-4.0	-0.6	0.8	7.9	5.7	-3.2	2.6	9.7	-12.7	-1.2	Manufacture of sugar
2.4	-1.9	-0.1	-1.1	-3.7	2.0	6.3	-0.8	2.4	3.9	-3.2	-7.8	Manufacture of cocoa products
-2.8	-2.0	2.0	-1.0	1.3	-0.3	0.1	-0.2	-2.1	2.8	1.4	-0.5	Manufacture of chocolate and chocolate products
-3.1	1.1	0.8	2.5	-1.4	8.2	-2.0	2.3	-1.7	11.0	-10.7	-8.4	Manufacture of sugar confectionery
0.4	1.8	-4.4	1.3	-0.9	0.5	4.9	0.6	6.9	6.3	-5.5	-2.6	Manufacture of prepared animal feeds
0.4	2.9	-3.8	2.2	-0.8	-2.4	7.4	0.8	9.4	8.1	-9.6	-2.5	Manufacture of sauces and condiments
0.4	-1.2	-7.1	-0.3	1.3	8.2	-2.3	0.1	-0.4	1.2	7.7	-3.2	Manufacture of other food products n.e.c.
0.5	0.9	-2.0	-2.2	-7.2	6.0	4.5	-0.3	3.7	1.8	2.1	-2.0	Other industry
-1.6	-9.4	-1.6	3.9	-0.7	-4.1	7.2	3.2	-0.9	27.2	-18.3	1.6	Manufacture of beverages
0.7	4.1	4.0	-1.4	1.8	-1.3	0.6	0.6	0.3	3.7	-2.0	-6.9	Manufacture of tobacco products
1.2	6.5	3.5	-1.2	3.0	-2.4	1.4	-0.5	-0.3	4.7	-1.3	-9.3	Spinning, weaving and finishing of textiles
-0.5	-0.7	5.1	-1.4	-1.7	2.2	-1.0	3.9	2.1	1.5	-3.8	-2.6	Preparation and spinning of textile fibres
-1.5	-4.9	6.5	-8.5	5.7	-8.9	-6.2	-3.1	-4.6	1.4	0.4	21.6	Weaving of textiles
3.6	-2.1	2.3	-1.5	-0.8	0.1	2.0	-1.6	0.9	0.9	-0.03	-3.3	Dyeing, bleaching, printing and finishing of yarns and fabrics
8.4	0.4	2.1	0.1	-5.7	1.9	-0.1	-5.3	-0.3	0.03	-3.7	-2.5	Other industry
1.9	-3.0	2.3	-2.1	1.1	-0.5	2.7	-0.3	1.3	1.3	1.2	-3.5	Manufacture of other textiles
0.8	-0.8	-1.2	-4.7	0.9	-2.0	4.1	-1.1	4.8	8.7	-3.0	-3.8	Manufacture of knitted and crocheted fabrics
1.1	-1.5	-1.7	-6.0	3.2	-2.9	4.0	-1.3	7.4	12.7	-2.3	-3.7	Other industry
0.2	0.8	0.1	-1.5	-4.2	0.2	4.2	-0.7	-1.3	-1.4	-4.8	-4.2	Manufacture of wearing apparel, except fur
2.7	0.6	-3.3	-0.9	0.6	-2.5	4.3	0.4	0.1	-1.2	3.9	2.8	Manufacture of clothings
2.8	1.9	0.9	3.5	-2.3	0.2	6.4	-1.2	0.2	4.9	-4.7	1.5	Other industry
-3.8	-1.4	0.03	-4.8	-0.9	2.8	4.9	1.6	2.5	1.3	0.2	-1.8	Manufacture of articles of fur, knitted and crocheted apparel
-5.8	-0.9	0.3	-0.8	-3.8	0.7	5.0	1.2	1.3	1.9	0.1	-2.7	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
0.04	-2.3	-0.5	-12.2	5.2	6.8	4.6	2.2	4.7	0.3	0.4	-0.1	Manufacture of footwear
1.4	-0.8	-2.1	-0.1	6.0	-1.7	3.1	2.5	-0.3	-0.7	-3.0	4.3	Manufacture of leather footwear
												Manufacture of rubber footwear
												Other industry
												Sawmilling and planning of wood

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

Kod Kumpulan Group code	Keterangan Kumpulan/Tempoh	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
162	Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain	2.5	-1.6	2.1	2.4	-0.3	-0.9	1.0	0.8	0.2	-2.0
16211	Pembuatan kepingan venier dan papan lapis	-3.7	-1.5	5.6	2.0	-2.1	1.3	4.0	-2.0	0.6	-2.8
16212	Pembuatan papan partikel dan papan gentian	10.8	-5.4	3.3	5.1	3.5	-12.4	-6.6	5.3	1.0	-0.6
16221	Pertukangan kayu untuk jurubina	11.9	0.2	-2.6	-3.4	-1.0	2.5	3.9	2.6	1.4	-0.9
	Industri lain	2.8	-0.9	-2.5	9.5	2.7	-0.4	-4.8	3.4	-3.1	-2.3
170	Pembuatan kertas dan produk kertas	1.3	-4.5	0.6	4.4	0.8	-5.1	0.7	4.4	-1.7	1.0
17010	Pembuatan pulpa, kertas dan kertas tebal	-12.3	-17.7	2.0	9.0	3.7	-9.8	-5.7	8.6	-0.2	6.2
17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal	2.6	-0.4	2.5	1.8	0.4	-4.0	0.8	1.9	2.2	-2.0
17091	Pembuatan sampul surat dan kad surat	-3.0	-0.7	-2.7	7.5	-1.0	-1.1	8.7	4.1	-1.8	-4.1
17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi	15.5	-10.6	-4.9	8.5	9.6	-9.1	1.1	5.2	-1.6	7.6
17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding	-6.8	-2.4	-0.9	0.2	-7.4	-2.9	5.4	3.8	-6.3	1.2
	Industri lain	1.8	1.6	3.0	6.8	-4.7	-1.5	-0.3	8.9	-10.2	-2.4
181 & 182	Percetakan, aktiviti perkhidmatan berkaitan percetakan dan penerbitan semula media rakaman	3.4	1.1	-2.8	3.6	3.0	2.1	-3.6	2.1	-4.3	3.1
18110	Percetakan	2.5	2.2	-3.2	4.2	2.1	2.6	-4.9	2.2	-6.5	4.2
18120	Aktiviti perkhidmatan berkaitan percetakan &	8.0	-4.7	-0.5	0.1	8.4	-0.2	3.0	1.3	8.4	-2.8
18200	Penerbitan semula media rakaman										
192 (19201 & 19202)	Pembuatan produk petroleum bertapis	8.2	-15.8	4.0	12.0	2.8	-16.4	4.7	13.0	-10.1	0.2
201	Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer	6.3	-7.2	-3.5	1.5	-1.8	-5.7	3.2	4.5	-4.4	-4.1
20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat	21.2	-8.7	12.0	4.3	-12.2	-11.1	16.1	-2.0	-10.9	-1.7
20112 & 20113	Pembuatan kimia organik asas	5.7	-9.5	-6.6	1.8	-11.2	-5.3	-3.5	10.9	-15.5	-2.5
20121 & 20129	Pembuatan sebatian bukan organik										
20121	Pembuatan baja	-1.5	-2.3	-6.7	-4.4	2.4	-5.5	6.9	-9.0	3.0	-7.3
20129	Pembuatan produk campuran nitrogen	5.8	-2.7	-2.1	1.5	18.5	-4.7	8.3	3.4	15.9	-5.6
20131	Pembuatan plastik dalam bentuk primer	1.9	-14.4	-6.8	3.5	4.7	-4.3	-4.8	-4.1	6.9	-8.9
	Industri lain										
202 & 203	Pembuatan produk kimia lain dan serat buatan manusia	3.1	-4.4	2.8	1.9	6.0	-6.1	0.6	2.3	-4.2	6.4
20210	Pembuatan racun perosak dan produk agrokimia lain	11.8	14.0	-9.8	5.0	8.3	8.5	-2.2	8.1	0.6	1.2
20221	Pembuatan cat, varnis dan penyadur dan mastik	14.0	-4.8	5.6	0.2	11.6	-4.5	-3.1	-3.5	0.7	16.8
20222	Pembuatan dakwat cetak	-6.2	-2.2	-1.0	-3.7	-8.8	-5.8	-7.6	1.3	-8.9	2.9
20231 & 20232	Pembuatan sabun dan bahan pencuci, penyediaan membersihkan dan mengilap	10.1	-7.4	2.0	-2.3	5.7	-7.0	1.4	0.7	-11.9	12.6
20232	Pembuatan pewangi dan penyediaan dandanan diri										
20291 & 20292	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials										
20292	Pembuatan dakwat menulis dan melukis	-8.0	-7.7	9.5	8.3	6.3	-11.1	4.2	4.7	0.4	-1.3
20299	Pembuatan produk kimia lain t.t.t.l.										
	Industri lain	4.0	-1.4	-15.8	-19.2	1.9	0.5	9.2	-6.0	0.9	5.3
210	Pembuatan produk farmaseutikal, kimia perubatan dan botani	-10.7	4.6	3.5	5.4	-11.2	3.8	3.2	6.5	-15.1	-6.1
21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan	-12.8	3.5	0.6	6.9	-11.7	4.2	1.1	6.9	-16.8	-7.9
	Industri lain	-2.1	8.8	13.7	0.7	-9.2	2.5	10.0	5.3	-8.5	0.2
221	Pembuatan produk getah	-6.0	6.3	7.4	-5.8	-5.2	2.7	6.2	-2.9	-1.3	-2.1
22111	Pembuatan tayar getah untuk kenderaan	15.4	4.3	4.8	-4.9	-13.7	-16.1	0.5	-4.0	0.3	-15.7
22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup	6.8	12.3	6.9	1.9	3.5	11.0	3.2	-2.0	0.1	-5.8
22191 & 22193	Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan	-0.9	5.1	2.7	0.8	-2.7	5.1	3.7	4.6	-1.4	-9.4
22193	Pengilangan semula getah dan prosesan susu getah										
22192	Pembuatan sarung tangan getah	-13.9	10.5	10.7	-8.7	-5.2	7.1	9.9	-5.3	-2.1	3.6
22199	Pembuatan produk getah lain yang t.t.t.l.	-1.9	-2.8	4.8	-6.3	-3.9	-3.0	1.4	-4.4	-0.3	1.2
222	Pembuatan produk plastik	-1.2	3.2	-2.5	1.7	-1.5	4.1	-0.6	1.5	-1.9	-2.3
22201 & 22202	Pembuatan produk plastik separa siap	-1.2	-1.3	-5.7	1.5	-4.3	-1.5	-5.4	6.0	-2.0	0.6
22202	Pembuatan produk plastik siap										
22203	Pembuatan artikel plastik untuk pembungkusan barangan	9.6	9.0	-9.1	-6.1	3.1	9.5	2.7	0.4	1.5	-6.7
22204	Pembuatan barangan plastik jurubina	9.2	13.0	-10.4	0.8	4.6	-2.6	-4.8	6.8	0.6	-9.2
22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik	-0.7	2.1	-0.7	-2.0	3.0	5.2	4.7	5.1	0.8	1.5
22209	Pembuatan pelbagai produk plastik t.t.t.l.	-10.3	2.8	8.2	9.8	-3.5	5.3	-0.1	-2.6	-5.0	-2.1
231 (23101 & 23102 & 23109)	Pembuatan kaca dan produk kaca	-4.7	-0.7	1.2	0.5	-0.9	5.7	-1.5	-3.1	-3.8	-2.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
-1.0	0.8	0.5	-2.1	3.0	-1.1	0.1	-0.1	0.7	2.4	0.3	-1.6	Manufacture of products of wood, cork, straw and plaiting materials
-3.0	3.6	2.3	-2.2	5.2	-0.8	0.3	-2.7	1.9	-1.5	0.8	-3.6	Manufacture of veneer sheets and plywood
0.8	-10.7	0.2	-7.0	-2.1	-1.4	3.2	1.6	3.3	-0.4	-0.1	-0.4	Manufacture of particle board and fibreboard
-0.04	3.4	-1.1	0.7	6.4	-2.6	-2.4	4.1	-4.6	13.2	1.7	0.2	Manufacture of builders' carpentry
1.9	1.0	-2.2	-1.2	-3.8	0.6	0.2	0.9	2.0	2.6	-3.0	0.7	Other industry
-1.6	-4.1	-0.8	0.6	-0.6	0.6	2.2	2.2	-1.2	4.0	-1.8	1.2	Manufacture of paper and paper products
-0.7	-4.7	-8.2	-4.1	-1.4	0.3	3.6	7.0	-2.0	1.3	-3.5	8.6	Manufacture of pulp, paper and paperboard
-0.2	-3.7	-0.9	3.4	-3.9	3.5	1.7	0.6	-1.5	0.2	6.4	-2.1	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
5.8	-2.9	-0.7	0.2	0.4	14.4	-3.2	1.9	-1.2	2.5	-3.7	-3.3	Manufacture of envelopes and letter-card
-5.6	-8.6	2.3	-1.9	5.1	-6.8	4.1	2.6	-3.6	14.7	-10.7	8.2	Manufacture of household and personal hygiene paper
-2.7	-1.7	-0.3	1.1	5.0	-3.5	6.2	0.7	1.3	-1.9	-1.1	1.8	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
-1.1	-0.5	1.2	-0.7	-2.0	3.5	-1.6	4.4	2.0	8.6	-11.2	-2.9	Other industry
-0.8	0.1	2.4	-0.4	-1.7	-1.5	-4.7	1.5	3.7	5.4	-4.5	3.3	Printing, service activities related to printing and reproduction of recorded media
-0.5	0.6	1.5	-0.2	-2.1	-2.5	-4.6	1.5	4.2	6.2	-6.9	4.5	Printing
-1.9	-2.3	7.6	-1.7	0.7	4.0	-5.0	1.9	1.4	1.7	8.6	-2.4	Service activities related to printing
												Reproduction of recorded media
15.8	-24.8	-1.9	7.0	-1.9	0.8	6.6	5.2	-3.0	14.9	-10.0	0.0	Manufacture of refined petroleum products
4.1	-3.2	-7.1	2.9	2.0	3.6	-1.9	0.8	2.5	6.3	-5.6	3.4	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
0.7	-11.4	-0.1	1.6	11.6	-2.1	13.4	-11.3	1.6	4.3	10.7	3.3	Manufacture of liquefied or compressed inorganic industrial or medical gases
												Manufacture of basic organic chemicals
2.6	2.4	-14.6	5.2	-2.8	4.4	-4.5	6.9	4.1	7.7	-11.4	9.0	Manufacture of inorganic compounds
												Manufacture of fertilizers
16.0	-11.4	-0.5	-1.2	3.8	11.2	-9.3	-2.7	-3.1	-4.6	4.8	0.9	Manufacture of associated nitrogen products
5.4	-7.7	1.6	1.6	5.0	3.2	-1.6	-0.4	1.9	7.6	-6.6	-2.9	Manufacture of plastics in primary forms
-5.4	15.5	-17.7	2.3	2.3	-2.3	-1.0	-9.1	6.0	8.6	10.7	2.6	Other industry
1.1	-4.6	-7.1	1.9	1.6	1.1	-1.3	0.6	-1.7	10.1	-4.3	0.1	Manufacture of other chemical products and man-made fibres
13.7	-2.1	1.4	1.7	-5.0	3.1	-1.9	9.2	-2.5	3.0	13.2	-4.6	Manufacture of pesticides and other agrochemical products
-12.4	1.4	-5.3	4.7	-0.1	-3.3	-6.0	-2.7	2.8	8.2	1.7	1.4	Manufacture of paints, varnishes and similar coatings ink and mastics
-4.4	5.4	-13.7	1.5	-1.4	-3.9	0.9	-2.6	0.4	13.6	-2.9	-2.5	Manufacture of printing ink
												Manufacture of soap and detergents, cleaning and polishing preparations
4.0	-12.2	-1.8	1.9	0.7	1.6	-2.9	0.1	-5.0	17.2	-11.5	1.0	Manufacture of perfumes and toilet preparations
												Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
2.6	-2.8	-14.8	0.6	6.8	2.9	2.5	0.1	-0.8	7.4	-7.4	1.6	Manufacture of writing and drawing ink
												Manufacture of other chemical products n.e.c.
-6.9	3.1	1.5	-1.2	7.4	3.0	-0.04	-6.8	1.9	-4.0	3.6	-0.8	Other industry
1.7	8.4	-5.3	0.9	2.2	4.1	-1.6	2.7	-2.5	15.7	-15.5	-6.6	Manufacture of pharmaceuticals, medicinal chemical and botanical products
												Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
1.0	10.3	-6.2	1.9	0.3	3.8	-2.4	4.1	-4.1	18.2	-19.1	-6.5	Other industry
3.8	2.3	-2.3	-2.4	8.6	5.2	0.8	-1.5	2.6	8.2	-3.9	-6.6	
0.1	-1.1	3.4	6.5	-2.0	4.0	0.5	-2.6	-1.3	-3.4	2.2	-4.3	Manufacture of rubber products
-9.8	-7.7	2.4	6.7	-5.1	3.3	-4.6	-4.0	3.8	-1.5	16.0	-17.0	Manufacture of rubber tyres for vehicles
25.6	-3.6	2.1	-0.3	2.8	0.6	-1.4	-0.5	-1.1	0.01	11.5	-10.5	Manufacture of interchangeable tyre treads and retreading rubber tyres
												Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
12.4	-1.6	3.0	0.6	1.8	-1.5	4.6	1.2	-1.0	4.4	8.2	-8.0	Rubber remilling and latex processing
-3.2	0.6	4.6	12.8	-5.4	8.1	1.1	-4.0	-2.7	-8.5	-0.1	0.2	Manufacture of rubber gloves
-2.8	-1.1	1.4	-4.0	6.0	-1.2	-3.7	-2.4	0.7	1.2	-9.3	-2.4	Manufacture of other rubber products n.e.c.
0.8	5.0	0.8	-3.4	1.8	-0.1	-1.2	0.9	1.3	1.6	-4.0	-1.6	Manufacture of plastics products
												Manufacture of semi-manufactures of plastic products
-8.7	5.8	1.3	-5.9	-5.2	5.2	0.2	2.4	1.5	2.0	0.4	2.5	Manufacture of finished plastic products
10.5	6.3	0.8	-5.4	7.5	-0.8	-1.5	1.3	0.2	0.8	3.0	-7.2	Manufacture of plastic articles for the packing of goods
11.1	-3.8	-3.6	0.2	2.2	-13.5	10.9	3.1	-0.4	5.8	0.2	-8.3	Manufacture of builders' plastics ware
3.9	0.5	1.6	1.2	-0.4	6.8	-2.1	2.0	1.8	3.1	-24.1	5.7	Manufacture of plastic tableware, kitchenware and toilet articles
2.0	4.6	0.4	-0.4	4.0	-4.5	-2.3	-1.3	2.1	1.5	-9.2	-1.5	Manufacture of diverse plastic products n.e.c.
5.4	2.6	0.9	-0.9	-0.7	-0.8	0.2	-2.9	-0.7	1.3	-4.8	-2.8	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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
239	Pembuatan pengeluaran galian bukan logam t.t.t.l.	-3.4	2.0	2.1	5.2	-3.0	-0.3	0.5	5.3	-3.6	-3.5
23911	Pembuatan mortar refraktori dan konkrit										
&		-7.5	7.1	1.9	3.2	4.5	-1.9	-2.2	5.6	-4.2	-0.1
23921	Pembuatan seramik bukan refraktori										
23930	Pembuatan produk porselin dan seramik lain	-10.0	-5.0	4.6	0.3	-8.6	6.4	12.8	0.1	-12.0	1.6
23941	Pembuatan simen hidrolik	3.6	2.3	-2.7	0.1	-7.7	-9.2	-3.1	-2.8	1.5	-20.6
23951	Pembuatan konkrit dan mortar siap bancuh dan banchuan kering	-5.2	-1.3	2.6	4.2	2.2	-0.2	0.3	7.8	0.2	-2.4
23952	Pembuatan konkrit pratuangan, simen atau artikel batu										
&	buatan yang digunakan dalam pembinaan;										
23953	Pembuatan komponen struktur pasang siap untuk bangunan	-1.6	3.5	3.3	4.3	-5.3	0.5	1.7	3.1	-1.6	-5.1
&	atau kejuruteraan awam dari simen, batu atau konkrit buatan										
23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.										
23990	Pembuatan produk mineral bukan logam lain t.t.t.l.	-1.0	0.1	3.6	12.0	-4.2	-1.8	1.4	10.3	-9.1	2.1
	Industri lain	-7.8	4.4	-1.9	6.9	-3.0	4.0	-4.4	6.4	-7.7	-0.1
241											
(24101 &											
24102 &	Pembuatan besi dan keluli asas	5.7	-5.5	-4.5	5.4	5.0	-6.1	-3.5	5.6	1.3	-8.1
24103 &											
24104 &											
24109)											
242											
(24201 &	Pembuatan logam asas berharga dan logam bukan ferus lain	9.9	-7.9	-4.4	5.0	12.6	-2.4	-3.6	1.8	5.0	3.7
24202 &											
24209)											
243	Pengacuan logam	-2.3	-3.9	-3.6	5.2	3.4	-6.0	-0.7	0.5	3.8	-1.9
251 &											
252	Pembuatan produk struktur logam, tangki, takungan, penjana wap, senjata dan peluru	1.9	-0.9	0.4	1.6	5.6	-4.8	2.6	-0.3	3.6	-4.1
25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan										
&	pintu pagar daripada logam	3.6	-1.0	-1.0	-1.9	1.2	-3.7	1.3	0.4	4.9	-9.5
25119	Pembuatan produk struktur logam lain										
25120	Pembuatan tangki, takungan dan kontena daripada logam	-0.7	-0.3	2.5	6.3	12.4	-5.8	4.6	0.1	2.8	-0.4
	Industri lain	2.0	-2.7	-0.2	2.6	2.1	-5.9	1.2	-5.0	0.2	7.1
259	Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam	4.6	-4.2	1.1	7.0	3.7	-0.7	-1.3	2.9	-1.1	-0.3
25910	Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi	-2.2	-3.4	3.1	6.8	-2.4	-1.1	3.9	8.0	-8.6	-2.1
25920	Rawatan dan penyalutan logam; menggunakan mesin	1.9	-3.6	-7.4	2.7	10.3	-1.0	-11.3	8.1	-5.4	2.7
25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat	-1.3	-4.8	8.2	12.8	0.0	-1.2	1.6	5.5	0.3	-0.3
25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam										
&		5.2	-1.4	1.2	7.6	9.3	-1.9	-2.1	-4.0	2.0	3.0
25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya										
25994	Pembuatan barangan rumah daripada logam	0.7	-1.3	6.4	0.9	3.8	-0.9	0.6	0.4	1.4	2.5
25999	Pembuatan produk lain yang direka daripada logam t.t.t.l.	12.3	-8.5	-0.9	5.0	4.3	2.8	-3.0	2.5	3.7	-2.1
	Industri lain	15.9	-0.1	3.7	10.4	-10.5	-6.5	10.1	8.3	-6.8	-12.4
261	Pembuatan komponen dan papan elektronik	3.2	-3.4	-7.5	6.6	-2.8	-4.5	-5.6	6.2	-9.6	0.3
26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya										
&		2.9	-2.7	-4.3	3.6	-1.4	-5.1	-0.2	5.3	-9.2	1.4
26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro										
26103	Pembuatan kapasitor dan perintang elektrik										
&											
26104	Pembuatan papan litar bercetak	3.6	-5.0	-13.4	13.0	-6.9	-3.7	-16.3	9.4	-11.9	-1.2
&											
26105	Pembuatan komponen paparan										
26109	Pembuatan komponen lain untuk aplikasi elektronik	5.3	0.1	-11.5	7.4	7.1	-2.3	-8.4	-0.3	3.0	-5.2
262											
(26201 &	Pembuatan komputer dan kelengkapan peranti	-5.1	-0.3	2.9	8.6	-5.8	0.4	14.9	10.1	-13.1	-0.5
26202)											
263/											
26300	Pembuatan peralatan komunikasi	-0.2	-6.3	-9.9	10.3	0.8	1.7	-5.5	9.3	-1.5	3.9
264/											
26400	Pembuatan peralatan elektronik pengguna	-3.9	-5.5	8.9	6.3	-13.6	-20.2	-19.3	24.1	0.5	-14.8
265	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam	-11.6	20.0	3.9	2.4	-0.9	20.0	-5.9	4.8	-12.2	8.1
26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan										
&		-12.6	22.2	3.4	2.8	-1.1	21.5	-6.2	5.2	-13.1	8.7
26512	Pembuatan kelengkapan kawalan proses perindustrian										
26520	Pembuatan jam tangan dan jam dan bahagiannya	2.7	-6.6	10.8	-2.9	2.0	-3.1	-0.3	-3.8	4.6	-0.6
266/											
26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik	2.3	1.3	-13.0	2.2	13.8	-2.9	3.5	0.3	1.3	4.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
1.5	-0.2	0.5	-0.6	0.3	-0.04	1.5	2.3	1.4	2.7	-2.3	-2.7	Manufacture of non-metallic mineral products
												Manufacture of refractory mortars and concretes
6.1	-4.6	-1.1	-1.0	-3.1	2.2	1.4	-1.1	0.6	14.0	-12.1	0.1	Manufacture of non-refractory ceramic
0.4	-1.3	10.8	-1.0	5.2	5.8	1.5	-3.0	-2.4	5.8	-5.8	0.8	Manufacture of other porcelain and ceramic products
-0.3	-2.7	3.6	-2.6	8.8	-16.0	1.1	1.0	-0.3	5.6	4.9	-11.3	Manufacture of hydraulic cement
3.9	-0.9	-2.1	0.9	-0.5	-0.7	4.3	2.3	1.3	5.7	4.0	-2.0	Manufacture of ready-mix and dry-mix concrete and mortars
												Manufacture of precast concrete, cement or artificial stone articles for use in construction
2.2	-0.5	2.3	-0.6	1.6	-0.3	-0.2	3.7	2.1	-5.0	0.4	-5.6	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
												Manufacture of other articles of concrete, cement and plaster n.e.c.
-5.9	-0.4	2.9	0.3	-5.0	8.2	0.1	4.0	1.9	5.9	-10.0	2.6	Manufacture of other non-metallic mineral products n.e.c.
4.3	7.6	-7.4	-3.6	1.4	-3.5	4.9	1.2	1.4	6.3	-4.5	-0.8	Other industry
2.5	-2.7	-2.4	-2.2	-2.8	1.1	2.9	-1.8	1.4	12.7	-3.1	-3.9	Manufacture of basic iron and steel
-3.4	-0.3	-0.1	-2.8	-0.3	-3.3	2.6	-2.4	-0.1	11.4	4.7	0.6	Manufacture of basic precious and other non-ferrous metals
-6.4	4.4	-7.8	0.1	0.6	1.8	0.5	1.0	-3.6	2.8	7.9	-7.4	Casting of metals
-0.8	-4.7	3.6	-1.5	2.4	1.1	-2.1	0.1	-1.2	4.4	5.6	-3.7	Manufacture of structural metal products, tanks, reservoirs , steam generators , weapons and ammunition
												Manufacture of metal doors, windows and their frames, shutters and gates
2.6	-4.3	4.1	-1.1	0.4	2.5	-4.0	2.6	-1.6	2.4	8.5	-9.5	Manufacture of other structural metal products
-2.8	-5.7	3.9	-1.9	5.2	-1.5	1.6	-2.2	-1.2	7.9	1.2	2.5	Manufacture of tanks, reservoirs and containers of metal
-7.2	-3.1	0.4	-1.3	1.0	5.2	-7.1	-2.3	0.5	0.3	10.7	-1.4	Other industry
-0.4	-0.6	1.3	-1.6	-2.0	1.2	1.5	-0.6	-0.7	7.7	-0.2	-0.4	Manufacture of other fabricated metal products; metal working service activities
												Forging, pressing, stamping and roll-forming of metal; powder metallurgy
0.6	-0.1	1.3	-4.9	3.2	4.7	1.5	1.6	-0.2	11.4	-5.0	-0.6	Treatment and coating of metals; machining
-0.7	0.8	-0.5	-5.5	-1.1	-9.8	-0.5	11.7	-7.5	18.3	-5.2	2.0	Manufacture of tins and cans for food products, collapsible tubes and boxes
-4.4	-0.2	4.0	-1.3	2.7	-2.2	0.0	1.8	4.6	4.0	0.2	-2.1	Manufacture of metal cable, plaited bands and similar articles
												Manufacture of bolts, screws, nuts and similar threaded products
0.9	-4.4	0.7	1.8	-4.6	1.5	0.6	-5.9	-1.8	7.1	2.7	1.5	Manufacture of metal household articles
-3.4	-0.5	3.2	-2.9	2.3	-1.6	1.0	1.5	-1.8	-0.2	7.7	-0.04	Manufacture of any other fabricated metal products n.e.c.
0.3	2.8	1.9	-2.1	-6.1	4.7	3.2	-2.7	0.4	3.8	3.6	-1.6	Other industry
-1.7	0.2	-2.9	2.5	1.7	7.7	6.5	-0.04	-1.5	7.6	-7.4	-5.3	
-3.1	-4.1	2.5	-0.3	-8.1	1.7	3.0	-0.8	0.5	11.8	-9.0	0.2	Manufacture of electronic components and boards
												Manufacture of diodes, transistors and similar semiconductor devices
-1.3	-4.6	-1.8	3.3	-4.1	3.2	0.8	-0.4	-0.2	12.8	-8.8	-0.7	Manufacture of electronic integrated circuits micro assemblies
												Manufacture of electrical capacitors and resistors
-7.7	-3.4	12.7	-7.3	-18.4	0.6	9.8	-2.2	2.6	9.5	-9.7	2.1	Manufacture of printed circuit boards
												Manufacture of display components
2.7	-1.4	-1.2	-0.5	2.6	-13.9	-2.7	4.0	-1.2	11.5	-8.8	3.2	Manufacture of other components for electronic applications
-6.1	1.6	3.6	2.7	7.1	2.1	8.5	-0.9	-2.0	18.3	-13.6	-1.0	Manufacture of computers and peripheral equipment
-1.9	-2.4	5.8	1.2	-7.0	-2.3	1.4	-1.2	20.4	-7.9	7.1	-0.2	Manufacture of communication equipment
-10.7	-8.8	3.9	-7.0	-22.2	7.5	7.3	14.4	-0.5	4.6	0.0	0.8	Manufacture of consumer electronics
												Manufacture of measuring, testing, navigating and control equipment; watches and clocks
7.2	1.7	7.5	13.8	-5.4	-15.8	-0.3	8.8	-0.4	8.5	-10.1	5.3	Manufacture of measuring, testing, navigating and control equipment
												Manufacture of industrial process control equipment
7.6	2.2	7.5	14.7	-5.8	-16.4	-0.3	9.3	-0.5	9.3	-10.7	5.7	Manufacture of watches and clocks and parts
0.2	-6.2	6.4	-2.8	1.8	-3.5	0.4	-1.3	0.8	-6.5	5.3	-2.2	
0.4	-4.1	4.1	-9.3	10.7	-4.3	4.7	-0.7	-1.7	1.9	-10.2	1.5	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	2023				2024				2024	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan.	Feb.
267 (26701 & 26702) & 268 (26800)	Pembuatan peralatan optikal, kelengkapan fotografi, media magnetik dan optikal	0.6	-2.3	0.7	6.5	5.6	-6.3	-2.2	6.1	-4.1	3.6
271	Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik	1.8	-7.0	3.1	0.1	2.1	1.9	1.7	-4.1	-2.8	-4.3
	27101 Pembuatan motor elektrik, penjana dan transformer	-3.9	2.5	6.1	3.1	-1.2	-2.0	9.4	-2.1	5.5	-11.4
	27102 Pembuatan perkakasan pengagihan dan pengawalan elektrik	5.2	-12.3	1.2	-2.0	4.5	4.5	-3.3	-5.5	-8.1	0.8
272/ 27200	Pembuatan bateri dan akumulator	4.6	-2.4	7.0	1.4	-0.2	10.5	-1.8	-8.7	-6.5	13.5
273	Pembuatan pendawaian dan peranti pendawaian	-5.4	-3.4	1.7	-9.5	-5.3	-5.1	5.2	-1.6	0.9	-2.8
	27310 Pembuatan kabel gentian optikal	-16.0	13.9	3.9	-1.6	-10.9	14.6	3.0	1.2	-13.5	0.3
	27320 Pembuatan wayar dan kabel elektronik dan elektrik lain	-4.3	-4.9	1.4	-10.4	-5.4	-7.4	5.7	-1.7	2.2	-3.4
	27330 Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)	-11.2	-1.4	4.1	-4.6	13.1	3.1	0.2	-6.1	13.7	6.0
274/ 27400	Pembuatan kelengkapan pencahayaan elektrik	-8.0	-11.2	21.4	4.1	1.9	-4.7	14.9	0.1	-8.8	-3.4
275/ 27500	Pembuatan perkakasan domestik	5.8	4.2	8.5	-8.2	-1.8	-14.6	4.2	1.2	-3.4	0.3
279/ 27900	Pembuatan kelengkapan elektrik lain	0.7	-10.9	3.3	9.3	-0.3	6.9	3.7	9.4	-0.8	-12.8
281 & 282	Pembuatan jentera kegunaan umum dan kegunaan khas	-0.1	-6.0	0.4	5.0	-0.8	-6.9	2.3	7.5	-3.5	-1.7
	28120 & 28130 Pembuatan alat-alat kuasa bendalir	-10.1	4.4	2.5	6.1	-39.2	-0.4	6.5	19.9	-45.6	-2.4
	28180 & 28220 Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik	-8.5	-0.5	1.8	4.4	-7.1	-5.8	8.7	12.3	-9.6	1.1
	28192 Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor	-8.4	-18.4	-2.7	4.7	17.9	-15.4	-2.4	9.4	5.8	9.2
	28290 Pembuatan lain-lain mesin bertujuan khas t.t.t.l. Industri lain	8.9 7.2	-5.2 -5.7	-12.3 3.9	0.5 6.3	5.3 2.2	-3.9 -5.8	-0.3 1.3	6.6 3.6	5.9 2.6	-7.7 -4.7
291 (29101 & 29102)	Pembuatan kenderaan bermotor	-8.5	1.3	1.8	3.2	-9.3	-6.8	2.0	6.6	-12.0	-0.6
292/ 29200	Pembuatan kerangka (<i>coachwork</i>) untuk kenderaan bermotor; pembuatan treler dan semi treler	5.1	-4.5	10.8	7.9	-4.2	-3.1	2.4	2.2	-5.1	-0.2
293/ 29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor	-1.2	7.0	-5.4	4.0	-2.5	11.8	-4.1	2.2	-9.9	2.3
301 (30110 & 30120)	Pembinaan kapal dan bot	11.6	-1.3	1.3	8.7	7.9	-1.3	2.1	5.5	2.8	-3.9
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.	3.1	-0.8	-4.4	1.5	2.7	1.3	-3.8	2.6	-0.3	2.6
	30910 Pembuatan motosikal	4.1	1.1	-2.2	2.2	1.2	1.6	-3.1	6.2	0.9	-0.9
	30920 Pembuatan basikal dan <i>invalid carriages</i>	-2.3	-5.2	-20.2	-6.7	-2.2	1.8	2.7	-8.8	-4.7	0.2
	Industri lain	3.8	-2.7	-1.2	3.4	8.4	0.4	-7.8	-1.4	-1.2	11.9
310	Pembuatan perabot	5.5	-4.0	0.7	4.4	0.8	-4.3	0.1	4.2	0.0	-3.1
	31001 Pembuatan perabot kayu dan rotan	6.5	-2.8	0.6	4.1	1.2	-4.8	-0.8	4.8	-0.1	-3.3
	Industri lain	1.3	-9.0	1.5	5.4	-1.2	-2.3	3.9	1.9	0.2	-2.3
321 (32110 & 32120)	Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan	-2.8	-9.8	1.6	10.3	-1.3	-1.4	-2.5	3.4	-9.1	4.4
322, 325 & 329	Pembuatan instrumen muzik, peralatan dan bekalan perubatan dan pergigian dan pembuatan lain t.t.t.l.	-2.1	0.4	2.8	5.0	-1.4	-0.6	3.8	7.7	-6.8	0.8
	32901 Pembuatan alat tulis	0.4	-2.9	8.1	-4.8	0.1	-2.4	12.0	-0.3	-0.6	-0.01
	Industri lain	-2.8	1.3	1.4	7.6	-1.7	-0.1	1.9	9.8	-8.2	0.9
323/ 32300	Pembuatan barangan sukan	1.5	-7.2	-10.9	-0.1	0.3	-8.3	-7.2	-1.4	5.2	-3.0
324/ 32400	Pembuatan permainan dan mainan	-1.8	4.0	0.3	1.8	-18.7	13.5	1.1	-1.3	-30.4	-0.2
331 & 332	Pembaikan pemasangan produk logam, jentera, kelengkapan dan pemasangan jentera perindustrian dan kelengkapan	4.8	-0.9	-4.8	4.8	2.1	-0.9	-4.7	4.5	-2.8	0.6
	33150 Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal	6.2	-5.0	-9.3	25.6	-0.9	-1.7	-22.2	5.6	-19.3	9.3
	Industri lain	4.4	0.2	-3.6	-0.5	3.0	-0.6	0.7	4.2	3.5	-1.9
Jumlah Pembuatan		0.8	-1.4	-0.4	4.0	-0.9	-1.3	-0.1	4.1	-4.5	-1.3

2025												Group Description/Period
Mac	Apr.	Mei	Jun	Jul.	Ogo.	Sep.	Okt.	Nov.	Dis.	Jan.	Feb.	
8.4	-10.0	-5.6	4.7	-3.2	-1.8	3.5	0.8	-0.6	11.6	-14.7	3.6	Manufacture of optical instruments, photographic equipment, magnetic and optical media
-1.5	-1.6	8.5	1.5	0.4	-3.3	-0.5	-3.6	-5.1	14.1	-0.6	-4.2	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2.1	-7.6	11.9	3.1	2.7	-0.3	3.0	-3.0	-2.5	2.1	4.6	-5.2	Manufacture of electric motors, generators and transformers
-3.9	2.4	6.5	0.5	-1.1	-5.3	-3.1	-4.2	-7.2	23.9	-4.0	-3.5	Manufacture of electricity distribution and control apparatus
-3.8	3.5	8.9	-2.1	-2.3	-2.0	1.3	-3.4	-5.5	-6.3	0.3	2.7	Manufacture of batteries and accumulators
-0.4	-12.1	14.8	-1.4	5.4	-3.3	-4.5	5.2	-8.1	9.6	-5.0	-1.3	Manufacture of wiring and wiring devices
-1.3	6.3	9.1	7.0	-1.8	-4.2	1.1	-1.9	1.7	7.9	-13.2	7.0	Manufacture of fibre optic cables
0.1	-14.8	16.2	-2.5	6.6	-3.3	-5.3	6.6	-9.5	10.3	-4.1	-2.6	Manufacture of other electronic and electric wires and cables
-8.7	6.9	0.1	1.5	0.3	-0.9	-1.4	-3.8	-2.1	0.7	-0.1	6.5	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material
0.03	-11.0	10.6	3.5	10.8	-0.6	-4.3	-2.8	0.2	18.2	-7.7	10.0	Manufacture of electric lighting equipment
2.0	-23.9	15.8	0.2	-2.8	7.9	-8.3	-0.6	4.9	5.7	-11.7	-5.3	Manufacture of domestic appliances
3.3	4.7	3.1	8.0	-8.1	6.6	4.9	-1.5	4.1	7.9	-1.5	-6.0	Manufacture of other electrical equipment
-3.9	-2.2	-2.0	-0.6	2.2	0.4	2.7	2.4	0.1	8.7	-4.5	-0.8	Manufacture of general-purpose and special-purpose machinery
-2.7	-1.8	6.5	-0.2	1.2	3.0	3.7	12.8	-5.2	19.6	-37.4	-3.0	Manufacture of fluid power equipment
												Manufacture of other pumps, compressors, taps and valves
-9.2	-1.5	3.0	-0.8	4.7	-0.02	9.9	1.9	-1.8	14.5	-5.4	-4.2	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
-3.8	-15.2	-0.8	0.03	-1.0	-2.4	1.1	1.2	7.3	9.2	2.3	8.2	Manufacture of air-conditioning machines, including for motor vehicles
-1.7	2.5	-5.3	3.2	-1.4	0.2	2.3	4.1	-0.1	2.5	-12.8	-5.9	Manufacture of other special-purpose machinery
-2.5	0.8	-4.4	-1.5	3.0	1.2	0.2	1.3	-0.3	6.1	0.4	-0.9	Other industry
-10.2	-0.7	2.0	-0.7	-1.5	5.1	-0.04	-1.2	-1.0	20.6	-21.1	1.0	Manufacture of motor vehicles
-7.6	2.1	0.2	-0.2	3.0	-0.8	0.2	0.1	1.6	3.4	-2.8	2.3	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
0.2	10.5	1.0	-1.0	-3.6	0.2	-0.8	2.0	-2.1	6.2	-6.2	2.4	Manufacture of parts and accessories for motor vehicles
14.2	-10.1	2.6	0.8	-1.4	2.0	2.1	1.4	1.1	3.5	2.0	0.7	Building of ships and boats
2.7	-1.0	1.5	-3.9	0.3	-4.7	3.6	1.7	-0.5	1.4	0.5	-0.5	Manufacture of railway locomotives, rolling stock, air and spacecraft, related machinery, military fighting vehicles and transport equipment n.e.c
5.1	-1.3	1.8	-3.8	-2.2	-0.7	4.9	2.6	-0.6	2.9	-0.3	-0.1	Manufacture of motorcycles
-1.2	0.1	3.7	0.2	16.8	-20.7	2.0	0.0	-0.6	-5.5	0.9	2.9	Manufacture of bicycles and invalid carriages
-0.9	-0.8	0.2	-5.7	-0.1	-6.7	1.2	0.03	0.03	0.2	2.2	-2.9	Other industry
-0.5	-2.9	2.1	-4.2	0.2	1.5	3.2	-0.1	0.01	5.1	-0.1	-2.9	Manufacture of furniture
-0.2	-3.7	2.4	-4.4	-0.9	1.8	3.5	-0.7	0.4	6.6	-1.0	-3.2	Manufacture of wooden and cane furniture
-2.0	0.5	0.6	-3.2	5.2	0.2	1.8	2.2	-1.6	-1.3	4.2	-1.4	Other industry
1.1	-2.4	-0.1	-3.1	1.1	-1.2	-2.0	3.4	-2.6	10.7	3.6	0.5	Manufacture of jewellery, bijouterie and related articles
-0.4	-0.7	0.7	-0.6	3.0	1.0	0.8	2.5	2.5	7.3	-5.5	0.7	Manufacture of musical instruments, medical and dental instruments and supplies and other manufacturing n.e.c.
-2.9	-2.5	2.0	2.7	3.6	8.9	-0.9	-3.3	0.1	2.4	-0.7	1.2	Manufacture of stationery
0.2	-0.3	0.4	-1.3	2.9	-0.9	1.3	4.1	3.0	8.4	-6.5	0.6	Other industry
2.1	-9.6	5.4	-7.2	6.6	-16.0	1.9	0.2	2.9	4.3	-2.0	5.4	Manufacture of sports goods
11.9	6.0	-0.3	-0.8	-1.0	3.9	0.7	-6.1	-0.8	11.6	-30.2	4.7	Manufacture of games and toys
0.1	1.5	-2.4	-3.0	-1.9	0.2	-0.5	0.9	3.5	4.6	-3.0	1.8	Repair of fabricated metal products, machinery and equipment and installation of industrial machinery and equipment
-3.8	3.4	-6.7	-2.5	-20.0	1.0	1.7	-5.4	9.6	9.9	-12.4	9.4	Repair and maintenance of transport equipment except motorcycles and bicycles
1.4	0.9	-1.1	-3.1	3.6	0.01	-1.0	2.4	2.1	3.3	-0.6	0.1	Other industry
-0.2	-1.4	1.0	0.1	-0.9	-0.1	1.4	0.6	0.2	7.1	-4.6	-0.8	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.
Ikan tin Canned fish	Tan Tonne	5,748	5,959	567	487	615	513
Ikan segar sejuk beku Frozen fish	Tan Tonne	19,660	20,260	1,631	1,412	1,518	1,417
Bebola ikan Fish ball	Tan Tonne	7,794	9,448	668	516	694	858
Sotong sejuk beku Frozen cuttle fish/squid	Tan Tonne	7,063	6,701	504	398	571	553
Udang geragau/udang sejuk Frozen shrimps/prawns	Tan Tonne	17,266	21,941	1,666	1,626	1,996	1,975
Jem (semua jenis) Jams (all types)	Tan Tonne	11,851	10,335	1,044	675	697	773
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
Minyak kelapa, ditapis Coconut oil, refined	Tan Tonne	73,933	70,881	5,652	4,005	4,075	5,603
Lemak doh/shortening Dough fats/shortening	Tan Tonne	158,613	156,647	13,488	11,799	10,637	12,821
Marjerin Margerine	Tan Tonne	73,536	86,989	6,562	7,018	6,092	7,238
Minyak masak campuran Blended/deodorised cooking oil	Tan Tonne	481,565	462,606	46,502	38,326	36,909	39,659
Susu pekat manis Sweetened condensed milk	Tan Tonne	469,591	479,533	39,248	39,708	41,263	35,134
Minuman susu Milk drinks	Liter ('000) Litres ('000)	120,976	128,558	10,958	9,516	9,001	8,016
Beras Whole rice	Tan Tonne	683,766	659,091	47,524	53,086	54,190	58,709
Beras hancur Broken rice	Tan Tonne	102,686	118,292	7,803	7,577	8,487	9,915
Tepung gandum Wheat flour	Tan Tonne	1,003,698	866,005	88,728	90,120	63,457	64,667
Roti dan kek Bread and cakes	Tan Tonne	599,866	786,730	46,866	74,165	68,821	63,945
Mee dan bihun Mee and bihun	Tan Tonne	260,710	255,834	23,469	24,119	20,683	22,280
Sos dan bahan perasa Sos and flavoring ingredients	Tan Tonne	93,755	96,621	9,773	9,247	7,351	6,029
Kelapa kering Desiccated coconuts	Tan Tonne	4,646	3,738	281	285	345	417
Makanan ayam itik campuran Mixed poultry feed	Tan Tonne	2,386,374	2,326,091	216,342	175,096	192,375	199,476
Hidangan ikan Fish meals	Tan Tonne	106,406	76,757	6,922	6,888	8,175	8,995
Biskut Biscuits	Tan Tonne	124,962	140,238	11,728	12,730	12,957	12,534
Gula bertapis Refined sugar	Tan Tonne	1,981,898	1,962,043	167,446	155,467	176,536	173,478
Minuman manis berkarbonat Sweet beverages (carbonated)	Liter ('000) Litres ('000)	357,856	458,276	38,301	32,522	34,378	36,305
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

2025									
Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.
545	525	461	486	484	454	409	414	433	429
1,506	1,692	1,857	1,780	1,834	2,251	1,653	1,708	1,160	1,236
985	922	880	903	908	806	684	625	596	574
639	667	539	569	573	568	570	549	447	390
2,097	1,947	1,692	1,977	2,011	1,782	1,654	1,518	1,463	1,470
790	811	764	766	877	931	1,113	1,095	1,097	770
1,864	1,624	1,644	1,613	1,842	2,092	2,031	1,603	2,285	2,334
6,454	5,978	6,162	6,158	6,595	7,521	6,951	5,727	7,101	6,358
12,503	13,621	14,137	14,055	13,711	14,901	12,238	12,735	12,830	11,924
6,757	8,366	8,869	9,047	7,954	8,939	5,221	4,926	5,917	6,552
36,209	33,436	28,091	33,354	38,381	48,530	41,440	41,769	46,476	43,465
42,701	46,271	50,471	44,842	39,492	33,951	31,414	35,038	34,986	35,950
9,595	10,596	12,966	12,946	12,543	12,006	10,565	9,850	9,627	9,054
66,017	53,036	54,718	55,985	57,838	50,042	55,063	52,884	45,211	51,047
13,208	10,344	11,366	11,425	11,099	10,209	8,397	8,462	7,408	7,393
74,265	71,244	69,733	70,272	62,554	60,599	78,752	71,614	71,987	73,347
65,334	76,087	81,228	70,878	65,401	63,580	60,186	50,240	56,910	86,260
21,629	19,682	20,981	19,649	21,446	22,440	20,971	18,484	23,303	23,036
6,041	7,195	7,906	8,431	7,652	8,453	8,667	9,875	10,003	9,981
346	329	256	253	274	301	329	323	327	328
179,888	160,106	177,267	181,205	180,448	185,549	219,287	259,052	237,419	191,539
6,261	5,208	4,967	5,248	5,317	4,830	6,970	6,977	7,612	7,499
12,340	11,264	10,018	10,933	11,422	13,883	9,971	10,458	9,585	10,578
144,731	140,421	160,308	146,044	154,790	164,122	187,692	191,007	175,200	170,724
38,079	41,348	40,729	41,411	40,636	40,204	32,469	41,896	39,092	34,743
144,786	132,369	130,896	136,563	134,413	137,242	167,749	181,304	174,524	168,522

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.
Air mineral dan minuman Mineral and drinking water	Liter ('000) Litres ('000)	709,585	772,679	45,346	52,690	39,526	52,711
Kain kapas Cotton cloth	Meter ('000) Metres ('000)	41,668	63,561	4,101	5,339	4,819	5,399
Seluar lelaki Pants, males	Bilangan ('000) Number ('000)	2,433	741	100	95	131	122
Kemeja lelaki Shirts, males	Bilangan ('000) Number ('000)	15,444	16,061	1,442	1,269	1,255	1,332
Blaus Blouses	Bilangan ('000) Number ('000)	3,297	3,003	290	277	299	321
Pakaian perempuan Dresses	Bilangan ('000) Number ('000)	2,270	2,024	155	151	193	213
Kasut getah (semua jenis) Rubber footwear (all types)	Pasang ('000) Pairs ('000)	1,835	1,366	120	121	132	135
Kiln kayu kering Kiln dried timber	Tan Tonne	138,378	137,514	7,802	7,162	11,162	13,634
Kayu gergaji Rubberwood (sawn)	Tan Tonne	122,365	143,775	9,522	10,698	10,113	13,223
Kepingan venir Veneer sheets	Meter Padu Cubic metre	284,746	167,337	16,941	19,245	17,694	19,541
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
Papan lapis Plywood	Meter Padu Cubic metre	4,365,151	5,093,667	414,852	461,286	476,305	437,668
Ukiran kayu Timber moulding	Meter Padu Cubic metre	46,997	45,823	3,118	3,343	4,054	4,903
Kayu balak siap Dressed timber	Meter Padu Cubic metre	6,343	6,400	808	723	699	847
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
Kertas tisu Tissue paper	Tan Tonne	85,245	84,748	6,954	6,522	6,700	6,865
Kertas napkin Napkin paper	Tan Tonne	2,111	1,310	95	99	129	119
Kertas tandas Toilet paper	Tan Tonne	46,047	38,746	3,094	3,406	3,685	3,181
Minyak tanah Kerosene	Tan Tonne	3,275,428	3,619,726	253,995	190,453	311,056	292,481
Gas petroleum cecair Liquefied petroleum gas	Tan Tonne	2,524,079	2,385,651	136,970	222,607	212,854	223,760
Minyak bahan api Fuel oil	Tan Tonne	1,935,352	2,128,383	153,465	131,820	176,134	166,257
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
Gasolin (spirit motor) Gasoline (motor spirit)	Tan Tonne	4,639,314	4,277,629	215,923	253,667	257,685	242,704
Minyak pelincir campuran Blended lubricating oil	Tan Tonne	186,354	239,731	16,928	15,949	17,035	17,188
Nafta Naptha	Tan Tonne	2,974,988	3,381,541	172,666	242,018	228,330	277,386

2025									
Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.
65,351	70,556	71,242	74,004	77,360	71,401	84,818	67,672	53,301	56,564
6,234	5,860	5,179	5,391	5,295	6,158	4,984	4,803	4,145	4,967
84	33	32	31	33	35	26	20	26	31
1,427	1,435	1,536	1,327	1,192	1,382	1,291	1,174	1,423	1,337
286	254	259	226	205	201	196	190	222	223
178	173	179	175	159	152	157	138	150	155
93	96	84	71	86	119	167	141	125	124
13,548	14,280	15,513	11,777	12,386	9,145	11,084	10,021	9,204	8,886
14,833	13,290	13,308	11,812	13,976	13,912	10,351	8,737	10,463	11,803
10,733	13,149	10,552	10,169	10,072	10,869	15,675	12,700	14,025	16,010
185,950	147,463	180,044	250,134	221,255	226,067	306,650	315,001	258,201	303,831
409,641	467,737	426,992	413,460	389,753	434,796	380,902	380,275	362,927	420,792
4,787	3,316	3,358	3,401	3,203	3,412	4,857	4,071	3,113	3,298
668	385	311	311	335	336	407	570	784	695
24,506	22,804	22,327	22,692	21,267	21,250	26,777	24,303	23,810	26,059
6,690	7,301	7,459	7,321	7,244	6,497	7,587	7,608	6,927	6,574
123	135	135	105	99	92	89	92	94	99
3,089	3,409	3,682	2,732	2,706	2,704	3,645	3,415	3,229	3,577
411,133	474,660	252,813	274,740	298,937	280,520	265,893	313,046	329,335	264,349
268,505	228,952	212,700	207,382	187,671	168,910	171,732	143,608	150,119	247,762
194,274	218,603	188,277	221,406	214,007	154,872	140,022	169,249	197,099	171,894
1,281,299	1,355,676	1,448,086	1,451,313	1,358,727	1,533,032	1,802,183	1,699,715	1,637,723	1,807,256
394,924	427,782	484,501	500,883	452,133	458,295	277,304	311,827	272,711	322,665
18,666	20,384	19,797	25,425	24,644	25,017	19,883	18,815	17,653	16,456
360,008	494,869	283,453	277,592	236,990	253,202	332,509	222,517	236,208	318,253

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

2025									
Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.
2,178,371	2,603,478	2,923,077	2,442,018	2,272,124	2,537,713	2,440,526	2,269,400	2,692,771	2,349,178
42,601	38,053	36,040	29,069	28,573	31,922	35,826	39,191	41,423	41,480
498,892	459,146	451,584	540,189	548,792	589,565	620,157	659,014	628,734	595,304
394,695	469,067	474,196	464,437	445,117	428,483	488,800	396,593	377,571	458,537
3,546	3,487	3,535	3,706	3,570	3,322	3,503	3,950	3,924	4,085
356,576	337,765	356,507	340,165	318,487	316,504	306,140	300,022	366,435	336,112
7,043	5,113	4,590	3,963	3,113	3,922	5,288	5,559	7,632	6,998
2,309	1,894	1,949	1,582	1,431	1,160	2,597	2,963	2,622	2,413
4,637	3,974	4,033	3,815	3,517	3,110	4,514	4,390	5,424	5,088
1,296	1,202	816	762	828	890	776	970	940	1,006
1,833	1,888	2,320	2,482	2,560	2,295	1,799	2,366	1,671	1,830
2,239	1,989	2,011	2,145	2,114	2,246	2,166	2,019	2,475	1,730
2,639	2,789	2,318	2,504	2,209	3,155	3,001	2,902	2,118	2,477
1,243	1,587	1,378	1,456	1,254	1,020	1,184	1,168	1,082	1,296
7,577	9,048	8,402	8,738	7,711	9,596	6,586	5,905	5,248	5,896
13,890	14,641	13,629	13,993	13,643	15,269	15,471	15,353	15,652	14,575
367	378	376	363	338	407	282	309	393	441
47	51	52	59	58	58	49	48	67	67
51,480	49,567	52,695	61,609	53,938	63,352	59,370	64,129	62,578	62,811
4,291	4,933	5,063	5,645	4,735	4,651	3,425	4,000	3,873	3,981
6,740	5,881	5,791	5,960	5,582	5,594	5,637	5,465	6,855	7,007
2,518	2,793	2,400	1,943	2,181	2,339	1,664	1,912	1,949	1,842
11,718	11,558	11,377	9,029	9,072	9,594	10,956	10,855	11,439	11,987
14,389	12,023	12,377	12,186	12,038	14,259	26,619	25,604	17,519	19,767
3,110	3,055	3,106	2,923	3,221	3,383	2,073	3,445	1,810	2,301

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.
Simen (semua jenis) Cement (all types)	Tan ('000) Tonnes ('000)	23,191	27,188	2,461	2,592	2,873	2,044
Konkrit campuran siap Ready mixed concrete	Meter padu ('000) Cubic metre ('000)	39,836	40,936	3,826	3,269	3,576	3,007
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
Cerucuk, tiang konkrit Piles, poles, posts of concrete	Tan Tonne	1,247,529	1,257,134	118,429	118,521	99,513	106,085
Pasir silika (diproses) Silica sands (processed)	Tan ('000) Tonnes ('000)	167,623	153,669	10,811	16,977	12,523	9,194
Selak dan kekeras Bolts and nuts	Tan ('000) Tonnes ('000)	1,090,486	1,064,506	95,113	99,878	88,426	83,536
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
Kepingan besi yang disadur Galvanized iron sheets	Tan Tonne	202,278	191,851	10,953	11,315	10,570	18,687
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
Dram besi dan keluli Iron and steel drums	Bilangan ('000) Number ('000)	3,474	4,115	274	278	282	273
Dawai besi dan keluli Galvanised iron and steel wire	Tan Tonne	165,843	163,085	12,232	16,162	13,915	12,800
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
Transformer elektrik Electrical transformers	Bilangan ('000) Number ('000)	252,794	275,660	27,216	27,607	27,270	22,197
Dawai dan kabel yang tertebat Insulated wires and cables	Tan Tonne	143,781	106,987	9,254	10,778	11,357	13,595
Separa konduktor Semi-conductors	Bil. (Juta) Num. (Million)	35,227	35,958	3,050	3,390	3,289	2,496
Transistor elektronik Electronic transistors	Bil. (Juta) Num. (Million)	46,515	44,288	3,794	3,950	3,837	3,239
Litar bersepadu Integrated circuits	Bil. (Juta) Num. (Million)	51,838	39,361	3,031	3,145	3,272	3,506
Televisyen Television	Bilangan Number	13,583,353	13,798,012	1,000,226	901,036	1,005,501	1,013,545
Radio Radios	Bilangan ('000) Number ('000)	8,255	9,325	806	817	699	708
Penyaman udara Air-conditioners	Bilangan Number	3,342,121	3,578,572	276,871	299,728	321,088	311,847
Kereta penumpang Passenger cars	Bilangan Number	724,891	739,477	71,666	61,935	63,778	53,857
Kenderaan perdagangan Commercial vehicles	Bilangan Number	134,721	102,027	9,098	8,831	6,239	10,303
Wayar abah-abah, kenderaan bermotor Wire harness, motor vehicle	Bilangan ('000) Number ('000)	10,181	9,452	848	847	745	714
Motosikal dan skuter Motor cycles and scooters	Bilangan Number	355,243	403,622	33,309	30,392	29,122	30,919

2025									
Mei	Jun	Jul.	Ogo.	Sept.	Okt.	Nov.	Dis.	Jan.	Feb.
2,018	1,898	1,880	1,903	1,882	2,011	2,794	2,831	2,815	2,741
2,973	3,316	3,602	3,613	3,584	3,814	2,873	3,486	3,507	3,095
3,689	3,568	4,617	3,750	3,310	3,651	2,535	3,204	3,953	1,908
115,120	96,306	90,639	94,735	110,919	105,497	105,959	95,411	91,200	91,346
15,195	10,038	11,985	11,800	11,582	13,204	17,272	13,090	11,023	19,052
90,110	93,135	90,110	90,625	90,963	82,272	85,170	75,166	83,469	86,955
98,486	100,017	101,974	131,627	108,571	95,023	97,171	121,068	110,700	117,650
19,291	16,433	15,204	20,656	24,909	21,483	11,815	10,534	9,025	9,211
181,767	155,717	163,170	168,485	172,163	172,737	188,879	210,880	215,213	228,257
381	501	458	383	351	378	279	277	270	290
12,250	14,340	14,950	14,305	13,601	11,660	13,029	13,841	11,471	16,317
1,515	1,393	1,474	1,414	1,409	1,289	1,262	1,061	1,205	1,341
22,840	19,556	22,231	19,937	19,495	23,302	22,302	21,706	28,959	30,607
9,969	7,661	9,100	8,651	9,373	6,502	4,827	5,920	6,024	7,372
2,761	3,309	3,415	3,312	3,198	2,574	2,567	2,596	2,981	3,290
4,307	4,091	3,743	3,655	3,542	3,257	3,228	3,644	3,964	4,035
4,872	3,133	3,281	3,415	3,613	3,292	2,410	2,390	2,178	2,277
1,519,004	1,271,186	1,151,505	1,320,396	1,206,082	953,946	1,251,670	1,203,915	1,180,802	1,004,833
704	677	786	923	757	696	829	923	914	881
333,088	248,657	306,764	276,400	248,276	287,176	328,044	340,633	330,464	362,168
70,132	46,811	66,010	69,624	51,730	66,906	56,898	60,130	53,794	53,606
11,347	7,918	8,757	7,918	6,710	7,246	9,551	8,108	6,550	7,088
794	834	893	799	686	798	769	724	722	755
42,033	35,122	37,465	35,439	33,747	33,065	31,025	31,984	30,732	27,704

NOTA
TEKNIKAL
Technical Notes

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NOTA TEKNIKAL

1. OBJEKTIF

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

2. PENANDA ARASAN

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

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

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

Kaedah *pro rata*:

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

di mana;

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

$M^i I$ = siri indikator bulanan

ADT = data tahunan tahun asas (penanda aras)

Kaedah *extrapolation*:

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

di mana;

V_t = nilai pemboleh ubah

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

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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.

NOTA TEKNIKAL

15. PINDAAN

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

16. PEMBUNDARAN

Perjumlahan komponen mungkin berbeza dengan angka jumlah besar disebabkan pembundaran.

17. SIMBOL DAN SINGKATAN

Simbol-simbol berikut telah digunakan dalam keseluruhan penerbitan:-

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

RM : Ringgit Malaysia

18. PELARASAN MUSIM

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

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

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

TECHNICAL NOTES

1. OBJECTIVE

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

2. BENCHMARKING

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

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

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

Pro rata Method:

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

where;

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

$M^i I$ = monthly indicator series

ADT = annual benchmark data

Extrapolation Method:

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

Where;

V_t = value of variable

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

TECHNICAL NOTES

3. SCOPE AND COVERAGE

Data collected in the Monthly Manufacturing Survey covered the whole of Malaysia. Since January 2020, this publication presents weighted statistics which represent the population sample of 251 industries in Manufacturing sector. Data for industries with less than three establishments was combined to the closest industry to ensure the confidentiality of the respondents as stipulated under the Statistics Act 1965 (Revised-1989).

4. SOURCE OF FRAME

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

5. TYPE OF BUSINESS ACTIVITY

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

6. CONCEPT AND DEFINITION

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

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

TECHNICAL NOTES

7. SAMPLING DESIGN

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

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

Main substratum include large establishments which have a significant total revenue in the respective industry while for the second and third substratum are based on small and medium enterprise (SME) categories.

8. SAMPLE SIZE

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

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

where;

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

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

where;

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

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

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

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

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

TECHNICAL NOTES

where;

n_{hi} = Sample size for substratum h of stratum i

N_h = Population size for substratum h

S_h = Standard deviation for substratum h

n_i = Sample size for stratum i

h = Substratum

i = Stratum

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

9. WEIGHTED

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

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

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

where,

N_h = Total population of substratum h ; and

n_h = Total sample of substratum h

TECHNICAL NOTES

Non response weight at substratum h as below:

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

where,

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

n_h = Number of sample size for substratum h

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

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

where,

W_h = Sampling design weight at substratum h

NRW_h = Non response weight at substratum h

10. REPORTING UNIT

The reporting unit used in the survey was the **establishment**. An establishment is defined as “an economic unit engaged in one activity, under a single legal entity and operating in a single physical location”. Each establishment was assigned an industry classification based on its principal activity. In the case of a multi-activity entity, units engaged in separate activities in the same location constituted distinct establishments. Thus, each branch of a multi-branch organisation at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity in terms of value. However, if in practice, the accounts were centrally kept such that it was not possible to obtain separate data for each individual unit or branch. The entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all the units or branches.

TECHNICAL NOTES

11. VALUE OF SALES

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

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

12. NUMBER OF PAID EMPLOYEES

Number of paid employees cover as follows:

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

13. SALARIES & WAGES PAID

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

14. CONFIDENTIALITY REQUIRED

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

TECHNICAL NOTES

15. REVISIONS

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

16. ROUNDING

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

17. SYMBOLS AND ABBREVIATIONS

The following symbols have been used throughout the publication:-

n.e.c. : not elsewhere classified

RM : Malaysian Ringgit

18. SEASONAL ADJUSTMENT

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

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

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