KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

INDEKS PENGELUARAN PERINDUSTRIAN
INDEX OF INDUSTRIAL PRODUCTION

MALAYSIA [2015 = 100]

DISEMBER *DECEMBER* 2024

Diterbitkan pada : *Released on* **07 Februari** *February* **2025**

PEMAKLUMAN

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal https://open.dosm.gov.my.

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

ANNOUNCEMENT`

The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides catalogue data and visualisations to facilitate users' analysis and can be accessed through https://open.dosm.gov.my.

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th. MyStats Day theme is "Statistics is the Essence of Life".

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Tel.	:	03-8885 7000
Faks	:	03-8888 9248
Portal	:	https://www.dosm.gov.my
Facebook / Twitter / Instagram	:	StatsMalaysia
Emel / *Email*	:	info@dosm.gov.my (pertanyaan umum / *general enquiries*) data@dosm.gov.my (pertanyaan & permintaan data / *data request & enquiries*)

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KATA PENGANTAR

Penerbitan Indeks Pengeluaran Perindustrian (IPP) merupakan penerbitan bulanan yang meliputi tiga sektor utama iaitu Perlombongan, Pembuatan dan Elektrik selari dengan definisi perindustrian dalam International Recommendations for the Index of Industrial Production (IRIIP), 2010. IPP telah disusun buat kali pertama dengan menggunakan tahun 1968 sebagai tahun asas (1968=100). Selepas itu ia telah diasaskan semula kepada tahun 1981, 1985, 1988, 1993, 2000, 2005, 2010 dan kini 2015.

Objektif utama IPP adalah untuk mengukur kadar perubahan sebenar pengeluaran komoditi perindustrian bagi pelbagai industri dalam ekonomi dalam tempoh masa yang ditetapkan. Ianya digunakan untuk membantu pengguna dalam merangka dasar serta membuat keputusan. Data pengeluaran produk pembuatan diperoleh daripada Survei Pembuatan Bulanan. Manakala pengeluaran minyak mentah, gas asli dan penjanaan tenaga elektrik diperoleh daripada syarikat minyak, gas dan syarikat yang menjalankan aktiviti penjanaan tenaga elektrik di Malaysia.

Ringkasan penemuan utama dan jadual terperinci indeks dipaparkan pada bahagian pertama dan kedua penerbitan. Seterusnya, diikuti dengan nota teknikal, skop dan liputan, konsep dan definisi serta kaedah pengiraan dimuatkan pada bahagian terakhir penerbitan bagi meningkatkan kefahaman berkenaan IPP.

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. Segala maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

Dato' Sri Dr. Mohd Uzir Mahidin
Ketua Perangkawan Malaysia
Februari 2025

PREFACE

The Industrial Production Index (IPI) publication is a monthly publication which covers three main sectors namely Mining, Manufacturing and Electricity which in line with the industrial definition in the International Recommendations for the Index of Industrial Production (IRIIP), 2010. The IPI was compiled for the first time using 1968 as the base year (1968 = 100). Subsequently, it has been rebased to 1981, 1985, 1988, 1993, 2000, 2005, 2010 and now 2015.

The main objective of the IPI is to measure the rate of changes in the production of industrial commodities for various industries of the economy within a specified time period. Hence, it is used to assist users in policy formulation and decision making. Data for production of manufactured products is obtained from the Monthly Manufacturing Survey. Meanwhile, production of crude oil, natural gas and electricity generation were obtained from oil, gas and electricity companies which involved in generation activities in Malaysia.

The summary of the main findings and the detailed index tables are presented in the first and second part of this publication. Then, followed by technical notes, scope and coverage, concepts and definitions and calculation techniques are included in the final part of this publication to enhance understanding of IPI.

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. Every feedback and suggestion towards improving future publication is highly appreciated.

Dato' Sri Dr. Mohd Uzir Mahidin
Chief Statistician Malaysia
February 2025

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KALENDAR AWALAN KELUARAN 2024
ADVANCE RELEASE CALENDAR 2024

Bulan Rujukan / *Reference Month*	Tarikh / *Date*
Januari 2024 / *January 2024*	12.03.2024
Februari 2024 / *February 2024*	8.04.2024
Mac 2024 / *March 2024*	10.05.2024
April 2024 / *April 2024*	10.06.2024
Mei 2024 / *May 2024*	12.07.2024
Jun 2024 / *June 2024*	09.08.2024
Julai 2024 / *July 2024*	10.09.2024
Ogos 2024 / *August 2024*	11.10.2024
September 2024 / *September 2024*	08.11.2024
Oktober 2024 / *October 2024*	10.12.2024
*November 2024 / *November 2024*	10.01.2025
*Disember 2024 / *December 2024*	07.02.2025

Nota:
Notes:

Merujuk kepada tarikh data disebarkan kepada media atau dalam penerbitan khusus.
Refers to the date of release of the data to the media or in the specific publication.

***Tarikh siaran tertakluk kepada pindaan.**
Release dates are subject to change.

RINGKASAN PENEMUAN

SUMMARY OF FINDINGS



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

INDEKS PENGELUARAN PERINDUSTRIAN DISEMBER 2024

Indeks Pengeluaran Perindustrian meningkat sebanyak 4.6 peratus pada Disember 2024, didorong oleh pengembangan dalam semua sektor

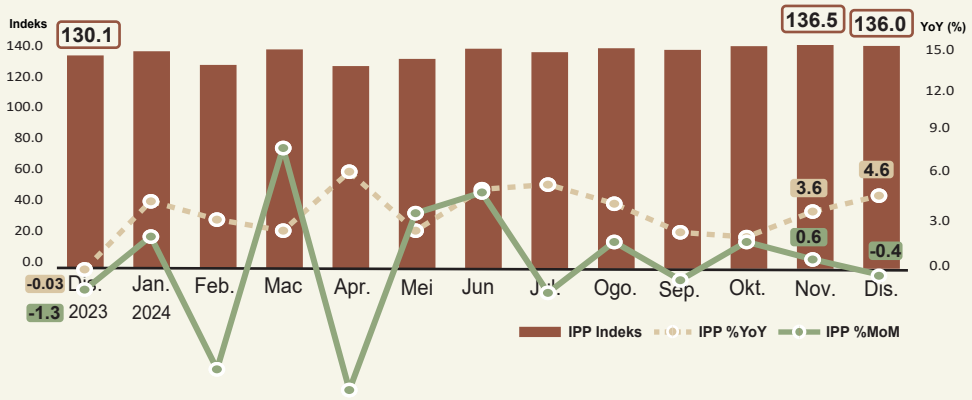
IPP 4.6%
Nov. 2024: 3.6%

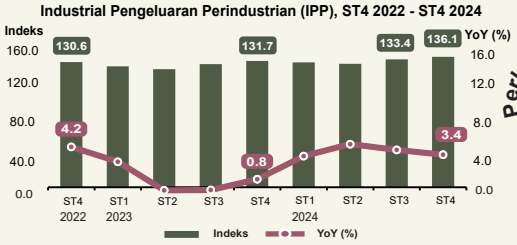
Pembuatan 5.8%
Nov. 2024: 4.6%

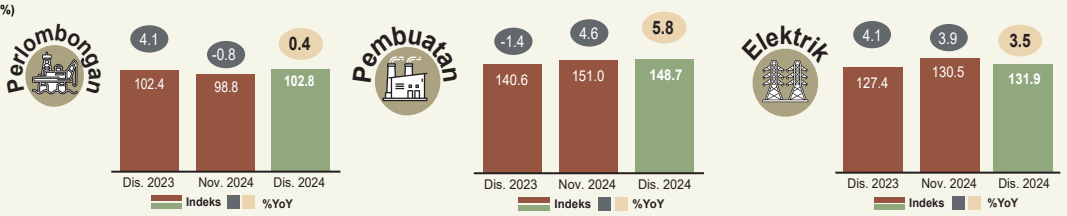
Perlombongan 0.4%
Nov. 2024: -0.8%

Elektrik 3.5%
Nov. 2024: 3.9%

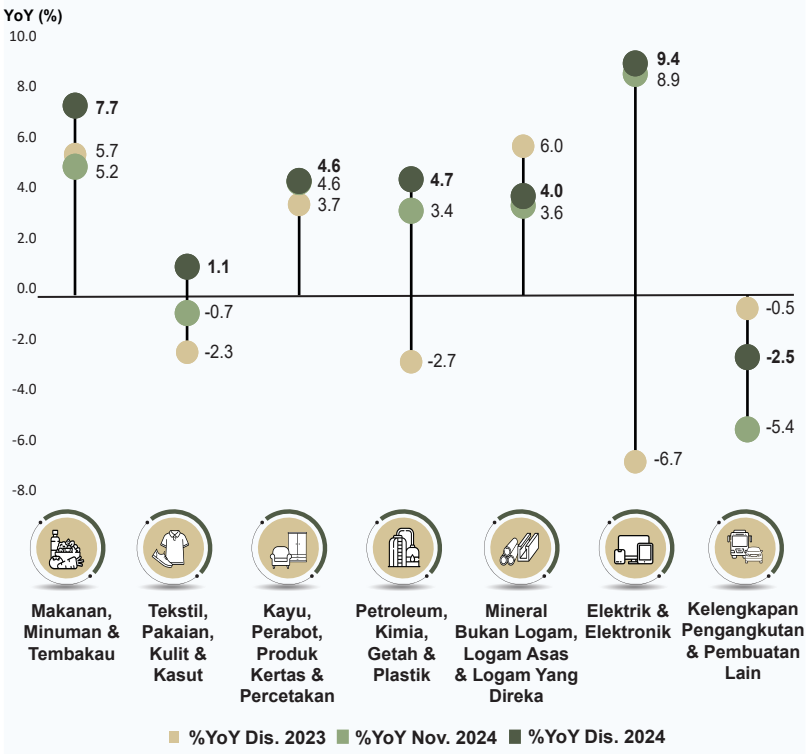
%YoY Disember 2024





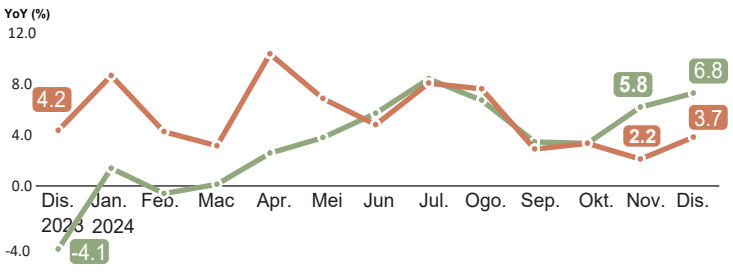


Subsektor Pembuatan



% YoY: Peratus perubahan tahun ke tahun
% MoM: Peratus perubahan bulan ke bulan

Industri Berorientasikan Eksport dan Domestik



Industri utama yang menyumbang kepada pertumbuhan industri berorientasikan eksport	%YoY Dis. 2023	%YoY Nov. 2024	%YoY Dis. 2024
Pembuatan komputer, produk elektronik & optikal	-7.2%	10.2%	10.1%
Pembuatan kok & produk petroleum bertapis	-4.6%	1.1%	3.0%

Industri utama yang menyumbang kepada pertumbuhan industri berorientasikan domestik	%YoY Dis. 2023	%YoY Nov. 2024	%YoY Dis. 2024
Pembuatan produk prosesan makanan	6.2%	5.6%	8.5%
Pembuatan produk logam yang direka, kecuali mesin & kelengkapan	9.7%	4.9%	6.0%

Sumber: Indeks Pengeluaran Perindustrian Malaysia, Jabatan Perangkaan Malaysia (DOSM)

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MALAYSIA MADANI kemampanan

ASEAN MALAYSIA 2025 KEMAMPANAN DAN KEMAKMURAN

20 Oktober

2016 - 2030

MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

INDUSTRIAL PRODUCTION INDEX DECEMBER 2024

The Industrial Production Index grew by 4.6 per cent in December 2024, fuelled by expansion in all sectors

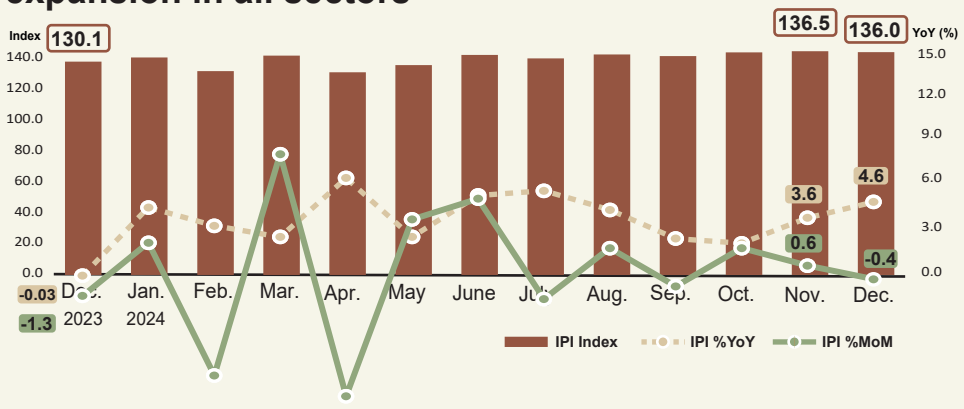
IPI 4.6%
Nov. 2024: 3.6%

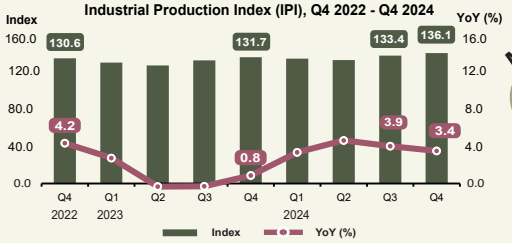
Manufacturing 5.8%
Nov. 2024: 4.6%

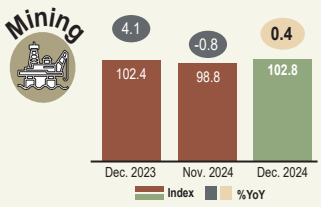
Mining 0.4%
Nov. 2024: -0.8%

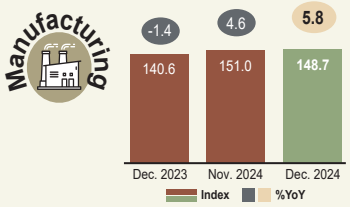
Electricity 3.5%
Nov. 2024: 3.9%

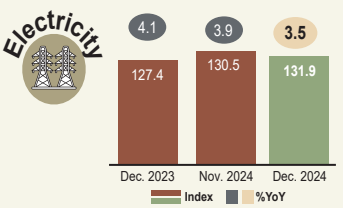
%YoY Disember 2024



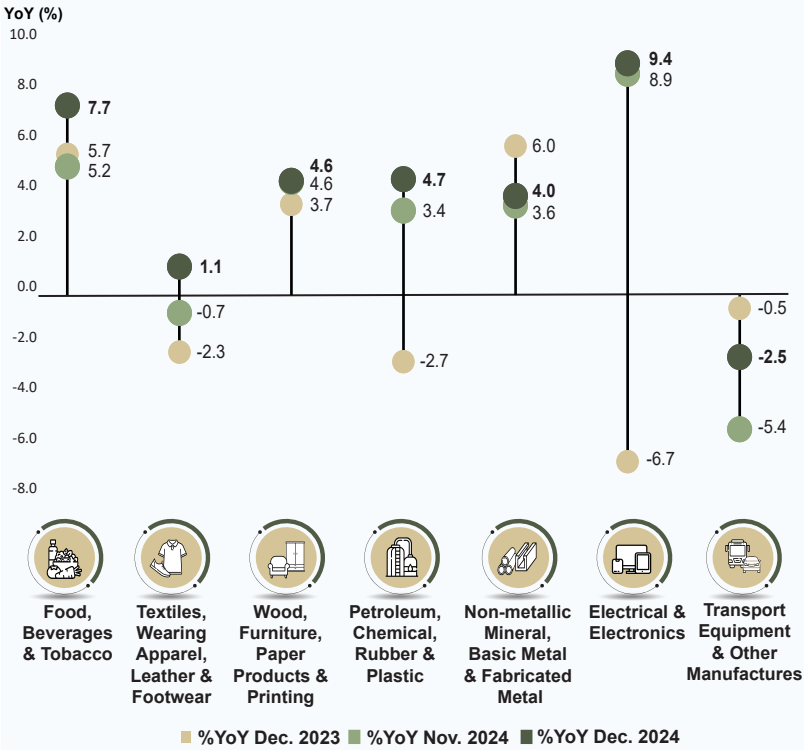






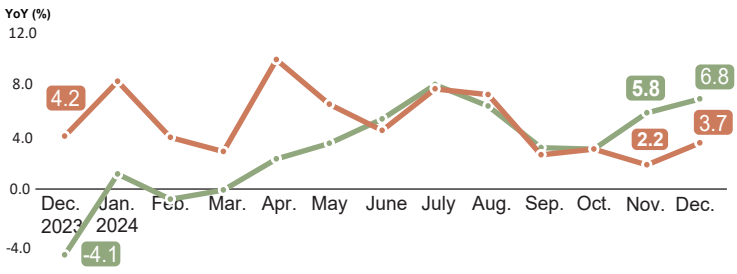


Manufacturing sub-sectors



% YoY: Percentage change year-on-year
% MoM: Percentage change month-on-month

Export and Domestic-Oriented Industries



The key contributors to the growth of export-oriented industries	%YoY Dec. 2023	%YoY Nov. 2024	%YoY Dec. 2024
Manufacture of computer, electronics & optical products	-7.2%	10.2%	10.1%
Manufacture of coke & refined petroleum products	-4.6%	1.1%	3.0%

The key contributors to the growth of domestic-oriented industries	%YoY Dec. 2023	%YoY Nov. 2024	%YoY Dec. 2024
Manufacture of food processing products	6.2%	5.6%	8.5%
Manufacture of fabricated metal products, except machinery & equipment	9.7%	4.9%	6.0%

Source: Index of Industrial Production Malaysia, Department of Statistics Malaysia (DOSM)

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MALAYSIA MADANI kemampanan
ASEAN MALAYSIA 2025 INCLUSIVITY AND SUSTAINABILITY
20 October
2016 - 2030

INDEKS PENGELUARAN PERINDUSTRIAN

DISEMBER 2024

KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

Jadual Ringkas Indeks Pengeluaran Perindustrian

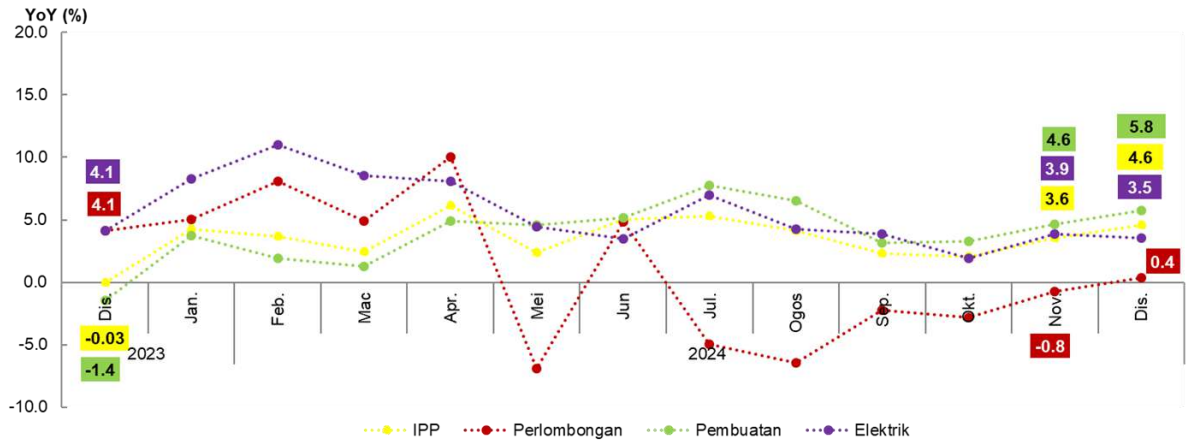
SEKTOR	INDEKS ASAL	PERTUMBUHAN[1] YoY (%)	INDEKS PM[2]	PERTUMBUHAN[3] MoM (%)
IPP	136.0	4.6	131.9	-0.5
	102.8	0.4	98.0	1.6
	148.7	5.8	144.5	-0.7
	131.9	3.5	131.8	-0.6

"IPP berkembang **4.6%** pada Disember 2024"

1.0. Prestasi Disember 2024

Indeks Pengeluaran Perindustrian (IPP) berkembang sebanyak **4.6 peratus** pada Disember 2024. Aliran meningkat ini dipacu oleh peningkatan dalam kesemua sektor; Pembuatan (**5.8%**); Elektrik (**3.5%**); dan Perlombongan (**0.4**%). Data siri pertumbuhan tahun ke tahun bagi IPP dan indeks komponennya adalah seperti di Carta 1.

Carta 1: Indeks Pengeluaran Perindustrian - Pertumbuhan Tahun ke Tahun

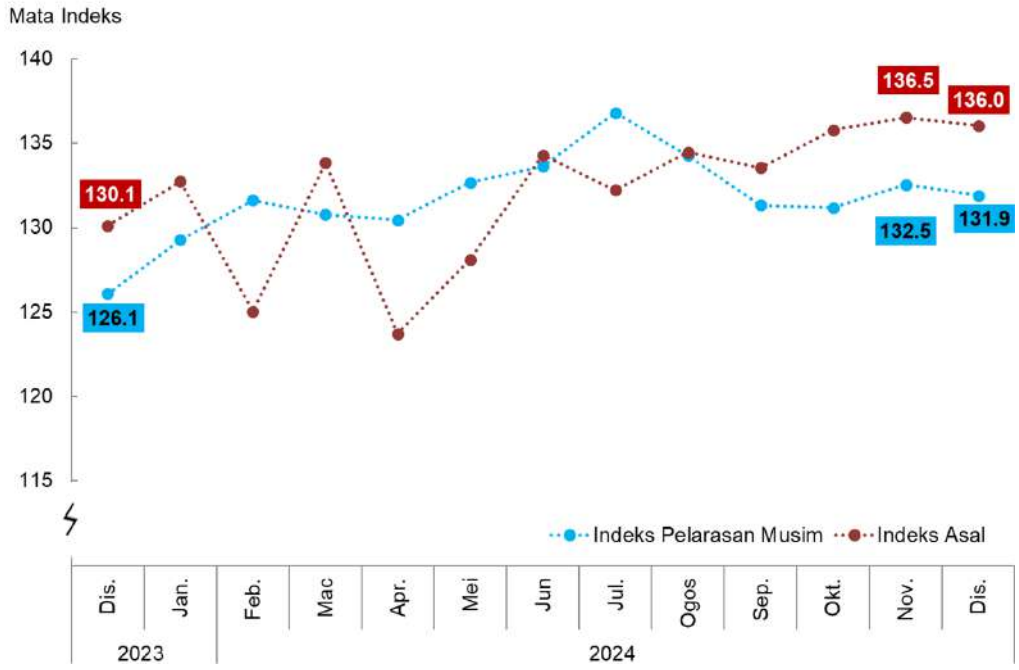


Bagi terma pelarasan musim, IPP pada bulan Disember 2024 menyusut **0.5 peratus**. Kemerosotan tesebut dipengaruhi oleh penurunan dalam indeks Pembuatan (**-0.7%**) dan Elektrik (**-0.6%**). Selain tu, indeks Perlombongan turut memulih sebanyak **1.6 peratus** pada bulan tersebut.

Nota :
[1] Pertumbuhan Indeks Asal [2] Pelarasan Musim [3] Pertumbuhan Indeks Pelarasan Musim

Laporan ini boleh diperoleh daripada portal Jabatan Perangkaan Malaysia (https://www.dosm.gov.my) di bawah ruangan: Siaran Terkini. Data bagi bulan Disember 2024 merupakan data sementara. Data ini akan dikemaskini berdasarkan data terkini yang diperoleh dan akan diterbitkan dalam penerbitan bulan Januari 2025.

Carta 2: IPP - Indeks Asal dan Indeks Pelarasan Bermusim

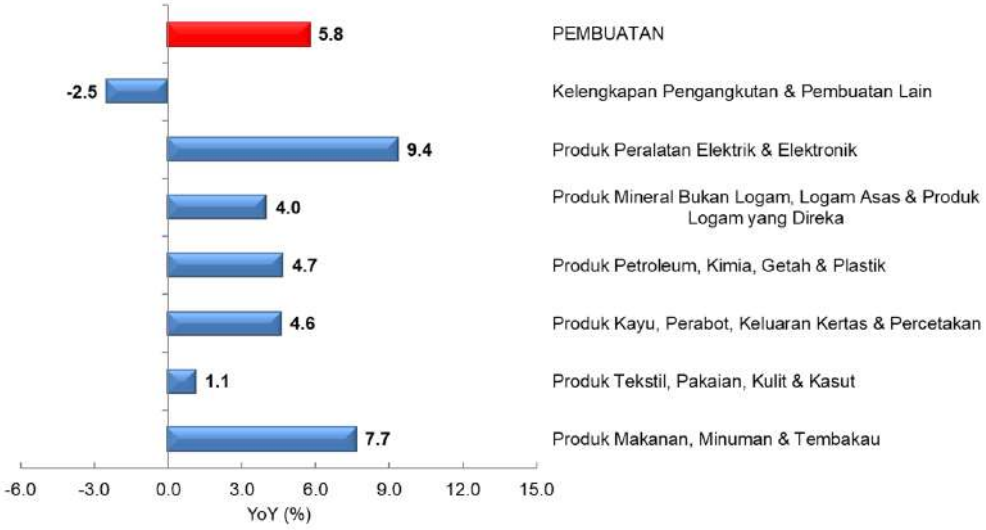


1.1. Prestasi Sektor Pembuatan

Output sektor Pembuatan meningkat **5.8 peratus** pada Disember 2024 berbanding tempoh yang sama pada tahun sebelumnya. Subsektor yang menyumbang kepada peningkatan ini adalah Produk Peralatan Elektrik & Elektronik (**9.4%**); Produk Petroleum, Kimia, Getah & Plastik (**4.7%**); dan Produk Makanan, Minuman & Tembakau (**7.7%**). Butiran terperinci seperti dipaparkan di **Carta 3**.

> “Sektor Pembuatan meningkat **5.8%** pada bulan Disember 2024 ”

Carta 3: Indeks Pembuatan dan Prestasi Mengikut Subsektor - Peratus Perubahan Tahun ke Tahun



> “Peningkatan sektor Pembuatan terutamanya disokong oleh **Produk Peralatan Elektrik & Elektronik** ”

1.2. Prestasi Sektor Perlombongan

Output sektor Perlombongan memulih kepada **0.4 peratus** pada Disember 2024. Pertumbuhan ini sebahagian besarnya disokong oleh peningkatan pengeluaran Gas Asli sebanyak **5.5 peratus**, sementara Minyak Mentah & Kondensat mencatatkan penyusutan **7.0 peratus** pada bulan tersebut.

> “Sektor Perlombongan memulih **0.4%** dan sektor Elektrik meningkat **3.5%**”

1.3. Prestasi Sektor Elektrik

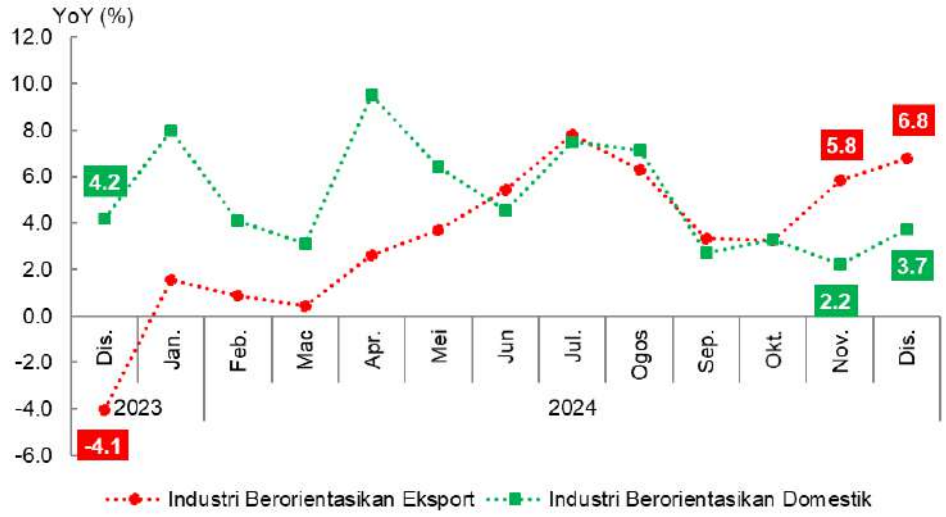
Penjanaan Elektrik meningkat **3.5 peratus** berbanding bulan yang sama pada tahun sebelumnya.

1.4. Prestasi Industri Berorientasikan Eksport dan Domestik Sektor Pembuatan

Pengembangan dalam sektor Pembuatan didorong oleh peningkatan dalam industri berorientasikan eksport yang terus meningkat sebanyak **6.8 peratus**. Kenaikan ini diterajui terutamanya oleh Pembuatan komputer, produk elektronik & optikal (**10.1%**); Pembuatan kok & produk petroleum bertapis (**3.0%**); dan Pembuatan produk getah (**11.9%**). Di samping itu, industri berorientasikan domestik meningkat **3.7 peratus** pada Disember 2024, diterajui oleh Pembuatan produk prosesan makanan (**8.5%**); Pembuatan produk logam yang direka, kecuali mesin & kelengkapan (**6.0%**); dan Pembuatan produk galian bukan logam lain (**3.5%**) seperti digambarkan dalam **Carta 4**.

> “Industri berorientaskan eksport berkembang **6.8%** dan industri berorientasikan domestik meningkat sebanyak **3.7%** pada bulan Disember 2024”

Carta 4: Industri Berorientasikan Eksport dan Domestik Sektor Pembuatan - Peratus Perubahan Tahun ke Tahun



Jadual Ringkas Indeks Pengeluaran Perindustrian Suku Tahunan

SEKTOR	INDEKS ST4 2024	YoY(%)			
		ST3 2023	ST4 2023	ST23 2024	ST4 2024
IPP	136.1	-0.3	0.8	3.9	3.4
	100.1	-1.5	3.7	-4.6	-1.1
	149.7	-0.1	-0.2	5.8	4.5
	132.7	1.5	4.6	5.0	3.1

> "IPP meningkat sebanyak **3.4%** pada suku keempat 2024"

2.0. Prestasi Suku Keempat 2024

Analisis prestasi bagi suku keempat 2024, IPP meningkat sebanyak **3.4 peratus** berbanding tempoh yang sama tahun sebelumnya. Peningkatan tersebut didorong oleh indeks Pembuatan (**4.5%**) dan Elektrik (**3.1%**). Namun begitu, indeks perlombongan menunjukkan penurunan sebanyak **1.1 peratus** pada suku tahun tersebut.

Jadual Ringkas Indeks Pengeluaran Perindustrian Januari - Disember 2024

SEKTOR	INDEKS JAN. - DIS. 2024	JAN. - DIS. 2023 YoY (%)	JAN. - DIS. 2024 YoY (%)
IPP	132.2	0.7	3.8
	95.3	0.2	0.7
	145.7	0.7	4.4
	133.4	2.0	5.6

> "IPP terus meningkat **3.8%** bagi tempoh Januari hingga Disember 2024"

2.1. Prestasi Indeks Pengeluaran Perindustrian Januari - Disember 2024

IPP bagi tempoh Januari hingga Disember 2024 terus meningkat **3.8 peratus** berbanding tempoh yang sama tahun sebelumnya. Pertumbuhan tersebut disokong oleh indeks Pembuatan (**4.4%**), indeks Perlombongan (**0.7%**) dan indeks Elektrik (**5.6%**).

Summary Table of Industrial Production Index

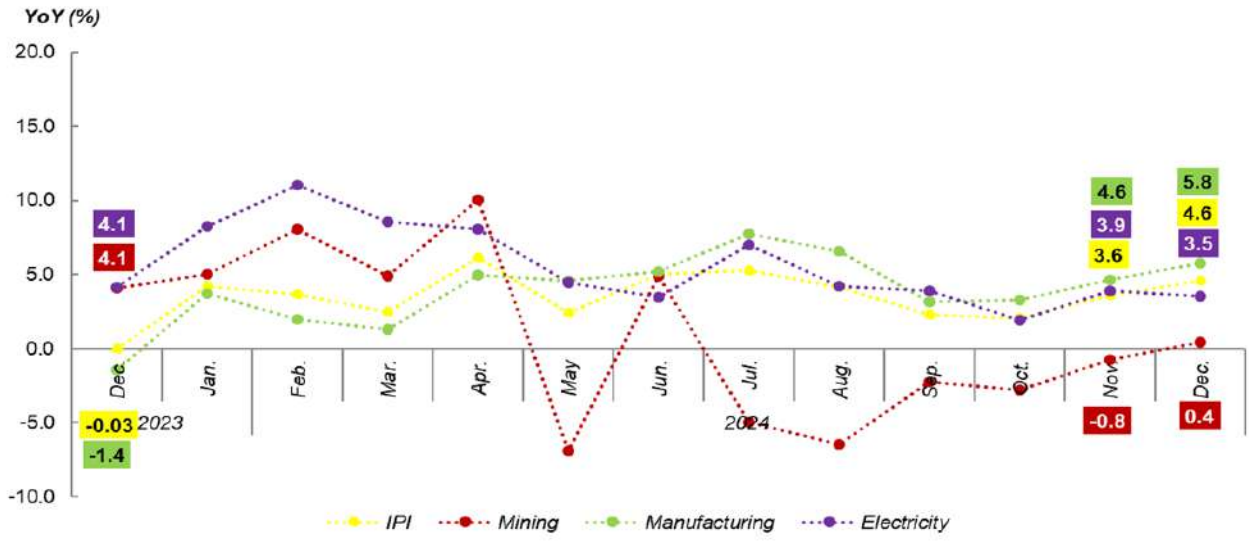
SECTOR	ORIGINAL INDEX	GROWTH[1] YoY (%)	INDEX SA[2]	GROWTH[3] MoM (%)
IPI	136.0	4.6	131.9	-0.5
	102.8	0.4	98.0	1.6
	148.7	5.8	144.5	-0.7
	131.9	3.5	131.8	-0.6

> *"IPI expanded by **4.6%** in December 2024"*

1.0. Performance December 2024

*The Industrial Production Index (IPI) expanded by **4.6 per cent** year-on-year in December 2024. The upward trend was driven by the increased in all sectors; Manufacturing (**5.8%**); Electricity (**3.5%**) and Mining (**0.4%**). The data series of year-on-year growth for IPI and its component indices are shown in Chart 1.*

Chart 1: Industrial Production Index - Growth Year-on-Year

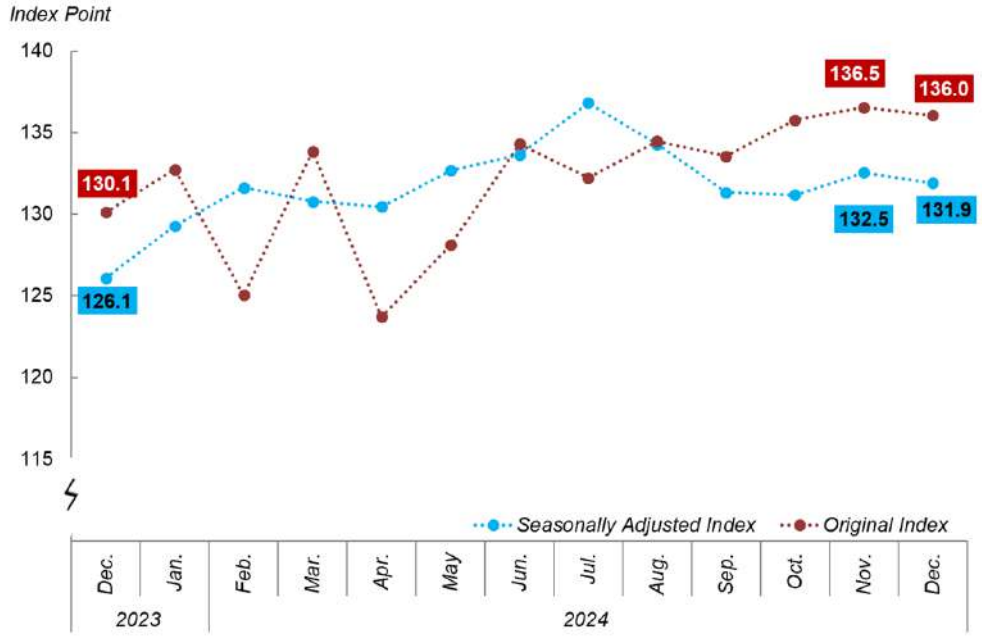


*In a seasonally adjusted terms, the IPI in December 2024 contracted by **0.5 per cent**. The decreased was influenced by the decline in Manufacturing (**-0.7%**); and Electricity (**-0.6%**). Additionally, the Mining index turnaround by **1.6 per cent** during the month.*

Note :
[1] Original Index Growth [2] Seasonally Adjusted [3] Seasonally Adjusted Growth

This report can be accessed through the web portal the Department of Statistics Malaysia (https://www.dosm.gov.my) under the section: Latest Releases. Data for December 2024 is provisional. The data will be updated based on the latest available figures and subsequently published in January 2025 publication.

Chart 2: IPI - Original and Seasonally Adjusted Index

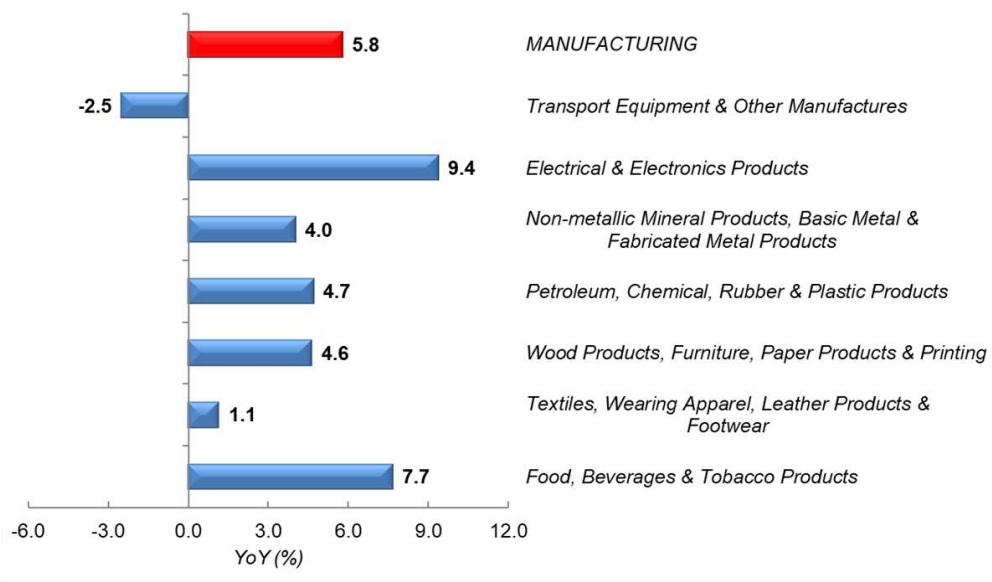


1.1. Performance of Manufacturing Sector

*The Manufacturing sector output increased by **5.8 per cent** in December 2024 compared to the same period of the previous year. The subsectors which contributed to the increase were Electrical & Electronics Products (**9.4%**); Petroleum, Chemical, Rubber & Plastic Products (**4.7%**); and Food, Beverages & Tobacco Products (**7.7%**). The details are as depicted in **Chart 3**.*

> *"Manufacturing sector increased by **5.8%** in December 2024"*

Chart 3: Manufacturing Index and Performance by Subsectors - Percentage Change Year-on-Year



> *"The increase in Manufacturing sector was primarily led by the **Electrical & Electronics Products**"*

1.2. Performance of Mining Sector

*The Mining sector rebounded to **0.4 per cent** in December 2024. The growth was primarily supported by Natural Gas production increased by **5.5 per cent**, while Crude Oil & Condensate posted a contracted by **7.0 per cent** during the month.*

> *"The Mining sector rebounded to **0.4%** and Electricity sector grew by **3.5%** "*

1.3. Performance of Electricity Sector

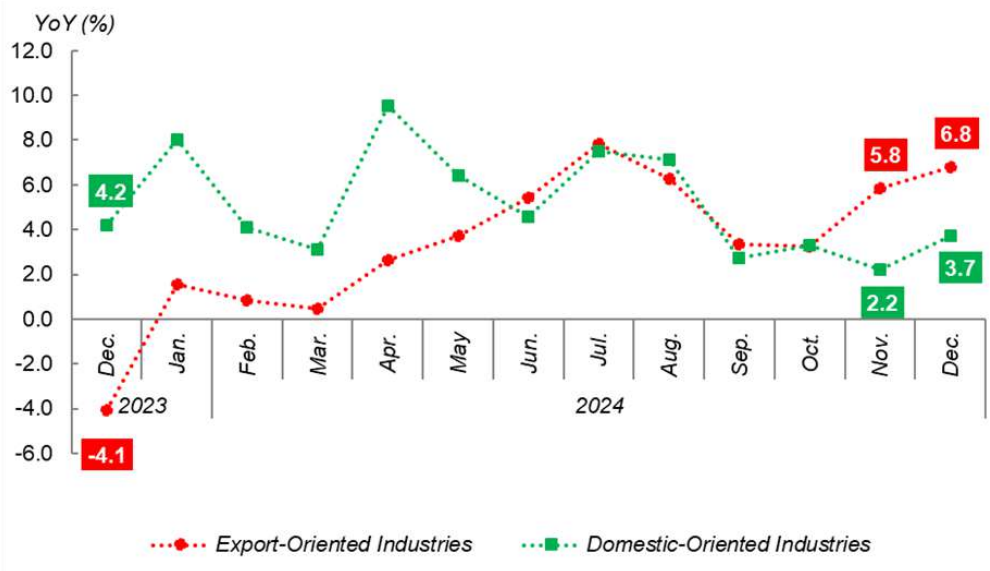
*The generation of Electricity grew by **3.5 per cent** compared to the same period of the preceding year.*

1.4. Performance of Export and Domestic Oriented Industries in Manufacturing Sector

*The expansion in the Manufacturing sector was driven by the increased in the export-oriented industries which advanced further by **6.8 per cent**. This upturn was primarily led by the Manufacture of computer, electronics & optical products (**10.1%**); Manufacture of coke & refined petroleum products (**3.0%**); and Manufacture of rubber products (**11.9%**). Additionally, the domestic-oriented industries rose by **3.7 per cent** in December 2024, anchor by Manufacture of food processing products (**8.5%**); Manufacture of fabricated metal products, except machinery & equipment (**6.0%**); and the Manufacture of other non-metallic mineral products (**3.5%**) as depicted in **Chart 4**. .*

> *"The export-oriented industries expanded by **6.8%** and domestic-oriented industries rose by **3.7%** in December 2024 "*

Chart 4: Export and Domestic Oriented Industries of the Manufacturing Sector - Percentage Change Year-on-Year



Summary Table of Industrial Production Index

SECTOR	INDEX Q4 2024	YOY(%)			
		Q3 2023	Q4 2023	Q3 2024	Q4 2024
IPP	136.1	-0.3	0.8	3.9	3.4
	100.1	-1.5	3.7	-4.6	-1.1
	149.7	-0.1	-0.2	5.8	4.5
	132.7	1.5	4.6	5.0	3.1

> *"IPI increased by 3.4% in the fourth quarter 2024"*

2.0. Performance of Fourth Quarter 2024

*Analysing the performance for the fourth quarter 2024, the IPI increased by **3.4 per cent** as compared to the same period of the previous year. The uptick was driven by the Manufacturing (**4.5%**) and Electricity (**3.1%**). Nevertheless, Mining index declined by **1.1 per cent** during the quarter.*

Summary Table of Industrial Production Index for January - December 2024

SECTOR	INDEX JAN. - DEC. 2024	JAN. - DEC. 2023 YOY (%)	JAN. - DEC. 2024 YOY (%)
IPI	132.2	0.7	3.8
	95.3	0.2	0.7
	145.7	0.7	4.4
	133.4	2.0	5.6

> *"IPI increased further by **3.8%** for the period of January to December 2024"*

2.1. Performance of Industrial Production Index January - December 2024

*The IPI in the period of January to December 2024 increased further by **3.8 per cent** compared to the same period of the previous year. The growth was supported by the Manufacturing index (**4.4%**), Mining index (**0.7%**) and Electricity index (**5.6%**).*

JADUAL

TABLE



Jadual 1: Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor (2015=100)

Table 1: Industrial Production Index (IPI) and Sector Indices (2015=100)

Tahun *Year*	**Tempoh** *Period*	**IPP** *IPI*	**Perlombongan** *Mining*	**Pembuatan** *Manufacturing*	**Elektrik** *Electricity*
Sektor/ *Sectors*		**Jumlah**/ Total	**B**	**C**	**D**
Wajaran/ Weight 2010		**100.0**	**28.9**	**65.9**	**5.2**
Wajaran/ Weight 2015		**100.0**	**25.1**	**68.3**	**6.6**
2022		126.5	94.5	138.5	124.0
2023		127.4	94.7	139.5	126.4
2023	**Q1**	126.2	96.7	137.7	119.7
	Q2	123.2	90.1	134.9	128.2
	Q3	128.4	90.7	142.3	128.9
	Q4	131.7	101.1	143.2	128.7
2024	**Q1**	130.5	102.4	140.9	130.6
	Q2	128.7	92.3	141.5	135.0
	Q3	133.4	86.5	150.5	135.4
	Q4	136.1	100.1	149.7	132.7
2023	**(Jan.-Dis.)**	127.4	94.7	139.5	126.4
2024	**(Jan.-Dis.)**	132.2	95.3	145.7	133.4
2023	**Jan.**	127.4	100.5	137.9	120.1
	Feb.	120.6	90.9	132.4	111.9
	Mar.	130.6	98.6	142.8	127.2
	Apr.	116.6	88.1	126.5	123.0
	May	125.1	94.8	135.4	134.4
	Jun.	127.9	87.5	142.8	127.3
	Jul.	125.6	94.6	136.6	129.8
	Aug.	129.1	89.4	143.6	130.7
	Sep.	130.6	88.0	146.7	126.1
	Oct.	133.1	101.4	144.7	133.2
	Nov.	131.8	99.6	144.3	125.6
	Dec.	130.1	102.4	140.6	127.4
2024	**Jan.**	132.7	105.6	143.1	129.5
	Feb.	125.1	98.2	135.0	124.2
	Mar.	133.8	103.5	144.6	138.0
	Apr.	123.7	96.9	132.7	132.9
	May	128.1	88.3	141.6	140.5
	Jun.	134.3	91.8	150.2	131.7
	Jul.	132.2	89.9	147.2	138.9
	Aug.	134.5	83.7	153.0	136.3
	Sep.	133.5	86.0	151.3	131.0
	Oct.	135.8	98.6	149.5	135.7
	Nov.	136.5	98.8	151.0	130.5
	Dec.	136.0	102.8	148.7	131.9

Jadual 1.1: Pertumbuhan Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor

Table 1.1: Industrial Production Index (IPI) and Sector Indices Growth

Tahun *Year*	Tempoh *Period*	**IPP/** *IPI*		**Perlombongan/** *Mining*		**Pembuatan/** *Manufacturing*		**Elektrik/** *Electricity*	
		% Perubahan tahun ke tahun *change year-on-year*	**% Perubahan bulan ke bulan** *change month-on-month*	**% Perubahan tahun ke tahun** *change year-on-year*	**% Perubahan bulan ke bulan** *change month-on-month*	**% Perubahan tahun ke tahun** *change year-on-year*	**% Perubahan bulan ke bulan** *change month-on-month*	**% Perubahan tahun ke tahun** *change year-on-year*	**% Perubahan bulan ke bulan** *change month-on-month*
Sektor/ *Sectors*		**Jumlah**/ Total		**B**		**C**		**D**	
Wajaran/Weight 2010		**100.00**		**28.9**		**65.9**		**5.2**	
Wajaran/ Weight 2015		**100.00**		**25.1**		**68.3**		**6.6**	
2022		6.9		2.9		8.2		4.5	
2023		0.7		0.2		0.7		2.0	
2023	**Q1**	2.7		1.0		3.4		-0.4	
	Q2	-0.3		-2.7		0.1		2.1	
	Q3	-0.3		-1.5		-0.1		1.5	
	Q4	0.8		3.7		-0.2		4.6	
2024	**Q1**	3.4		5.9		2.3		9.1	
	Q2	4.5		2.4		4.9		5.3	
	Q3	3.9		-4.6		5.8		5.0	
	Q4	3.4		-1.1		4.5		3.1	
2023	**(Jan.-Dis.)**	0.7		0.2		0.7		2.0	
2024	**(Jan.-Dis.)**	3.8		0.7		4.4		5.6	
2023	**Jan.**	1.4	-2.2	3.1	2.2	1.3	-3.3	-2.7	-1.9
	Feb.	3.5	-5.3	-0.8	-9.6	4.8	-4.0	1.3	-6.8
	Mar.	3.2	8.3	0.8	8.5	4.1	7.8	0.4	13.7
	Apr.	-3.1	-10.8	-3.8	-10.7	-3.0	-11.4	-1.3	-3.3
	May	4.7	7.3	2.8	7.6	5.1	7.0	5.2	9.3
	Jun.	-2.4	2.2	-7.0	-7.7	-1.6	5.5	2.2	-5.3
	Jul.	0.4	-1.8	2.8	8.0	-0.2	-4.3	0.6	2.0
	Aug.	-0.6	2.8	-1.5	-5.4	-0.6	5.1	1.5	0.7
	Sep.	-0.6	1.1	-5.8	-1.6	0.4	2.1	2.5	-3.5
	Oct.	2.1	1.9	5.7	15.3	0.9	-1.3	6.1	5.6
	Nov.	0.4	-0.9	1.2	-1.8	-0.1	-0.3	3.5	-5.7
	Dec.	-0.03	-1.3	4.1	2.8	-1.4	-2.6	4.1	1.4
2024	**Jan.**	4.2	2.0	5.0	3.1	3.7	1.8	7.9	1.6
	Feb.	3.7	-5.8	8.1	-6.9	1.9	-5.6	11.0	-4.1
	Mar.	2.4	7.0	4.9	5.3	1.3	7.1	8.5	11.1
	Apr.	6.1	-7.6	10.0	-6.3	4.9	-8.2	8.1	-3.7
	May	2.4	3.5	-6.9	-8.9	4.6	6.7	4.5	5.7
	Jun.	5.0	4.8	4.9	4.0	5.2	6.1	3.5	-6.2
	Jul.	5.3	-1.5	-5.0	-2.1	7.7	-2.0	7.0	5.4
	Aug.	4.1	1.7	-6.4	-6.9	6.5	4.0	4.2	-1.9
	Sep.	2.3	-0.7	-2.2	2.8	3.2	-1.1	3.9	-3.9
	Oct.	2.0	1.7	-2.8	14.7	3.3	-1.2	1.9	3.6
	Nov.	3.6	0.6	-0.8	0.2	4.6	1.0	3.9	-3.9
	Dec.	4.6	-0.4	0.4	4.0	5.8	-1.5	3.5	1.1

Jadual 1.2: Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor (2015=100)-Indeks Asal & Indeks Pelarasan Musim

Table 1.2: Industrial Production Index (IPI) and Sector Indices (2015=100)-Original Index & Seasonally Adjusted Index

Tahun *Year*	Tempoh *Period*	IPP/ *IPI*			Perlombongan/ *Mining*		
		Indeks Asal	Indeks Pelarasan Musim (PM)	% Perubahan bulan ke bulan (PM)	Indeks Asal	Indeks Pelarasan Musim (PM)	% Perubahan bulan ke bulan (PM)
		Original Index	*Seasonally Adjusted Index (SA)*	*% Change month-on-month (SA)*	*Original Index*	*Seasonally Adjusted Index (SA)*	*% Change month-on-month (SA)*
Sektor/ *Sectors*			**Jumlah**/ *Total*			**B**	
Wajaran/*Weight 2015*			**100.00**			**25.14**	
2022	**Jan.**	125.6	121.9	-0.5	97.5	90.1	-0.3
	Feb.	116.6	123.4	1.2	91.6	93.1	3.3
	Mar.	126.6	123.9	0.4	97.9	92.5	-0.7
	Apr.	120.3	126.6	2.18	91.5	94.0	1.7
	May	119.5	123.4	-2.5	92.3	91.6	-2.6
	Jun.	131.0	130.7	5.9	94.1	96.9	5.8
	Jul.	125.1	129.0	-1.3	92.0	94.7	-2.3
	Aug.	130.0	129.6	0.5	90.8	96.5	2.0
	Sep.	131.3	129.3	-0.2	93.4	101.3	4.9
	Oct.	130.3	125.9	-2.6	95.9	95.3	-5.9
	Nov.	131.3	127.8	1.5	98.4	95.7	0.4
	Dec.	130.2	126.1	-1.3	98.3	93.7	-2.1
2023	**Jan.**	127.4	123.9	-1.7	100.5	92.9	-0.9
	Feb.	120.6	127.2	2.6	90.9	92.1	-0.8
	Mar.	130.6	127.7	0.40	98.6	93.1	1.0
	Apr.	116.6	122.9	-3.8	88.1	90.5	-2.7
	May	125.1	129.4	5.4	94.8	94.0	3.8
	Jun.	127.9	127.4	-1.6	87.5	90.0	-4.3
	Jul.	125.6	129.8	1.9	94.6	97.3	8.2
	Aug.	129.1	128.9	-0.7	89.4	95.1	-2.3
	Sep.	130.6	128.5	-0.3	88.0	95.4	0.4
	Oct.	133.1	128.6	0.1	101.4	100.7	5.5
	Nov.	131.8	128.1	-0.4	99.6	97.1	-3.5
	Dec.	130.1	126.1	-1.5	102.4	97.6	0.5
2024	**Jan.**	132.7	129.3	2.5	105.6	97.5	-0.1
	Feb.	125.1	131.6	1.8	98.2	99.4	1.9
	Mar.	133.8	130.8	-0.7	103.5	97.6	-1.8
	Apr.	123.7	130.5	-0.2	96.9	99.6	2.1
	May	128.1	132.7	1.7	88.3	87.5	-12.1
	Jun.	134.3	133.6	0.7	91.8	94.3	7.7
	Jul.	132.2	136.8	2.4	89.9	92.4	-2.0
	Aug.	134.5	134.3	-1.9	83.7	89.0	-3.7
	Sep.	133.5	131.3	-2.2	86.0	93.3	4.9
	Oct.	135.8	131.2	-0.1	98.6	97.9	4.9
	Nov.	136.5	132.5	1.0	98.8	96.5	-1.4
	Dec.	136.0	131.9	-0.5	102.8	98.0	1.6

Jadual 1.2: Indeks Pengeluaran Perindustrian (IPP) dan Indeks Sektor (2015=100)-Indeks Asal & Indeks Pelarasan Musim (samb.)

Table 1.2: Industrial Production Index (IPI) and Sector Indices (2015=100)-Original Index & Seasonally Adjusted Index (cont.)

Tahun *Year*	Tempoh *Period*	**Pembuatan/** *Manufacturing*			**Elektrik/** *Electricity*		
		Indeks Asal	**Indeks Pelarasan Musim (PM)**	**% Perubahan bulan ke bulan (PM)**	**Indeks Asal**	**Indeks Pelarasan Musim (PM)**	**% Perubahan bulan ke bulan (PM)**
		Original Index	*Seasonally Adjusted Index (SA)*	*% Change month-on-month (SA)*	*Original Index*	*Seasonally Adjusted Index (SA)*	*% Change month-on-month (SA)*
Sektor/ *Sectors*			**C**			**D**	
Wajaran/*Weight 2015*			**68.25**			**6.61**	
2022	**Jan.**	136.1	133.6	-0.6	123.4	124.3	0.35
	Feb.	126.4	134.8	0.9	110.5	122.2	-1.7
	Mar.	137.2	135.7	0.7	126.7	122.8	0.5
	Apr.	130.4	139.0	2.4	124.7	124.4	1.3
	May	128.8	135.8	-2.3	127.7	123.7	-0.6
	Jun.	145.2	143.4	5.6	124.6	126.6	2.4
	Jul.	136.9	141.0	-1.6	129.0	126.0	-0.5
	Aug.	144.5	141.9	0.6	128.8	125.8	-0.2
	Sep.	146.1	140.4	-1.1	123.1	124.4	-1.1
	Oct.	143.4	137.7	-1.9	125.5	121.6	-2.2
	Nov.	144.4	139.7	1.5	121.3	123.2	1.3
	Dec.	142.6	138.4	-0.9	122.4	122.4	-0.7
2023	**Jan.**	137.9	135.7	-1.9	120.1	121.1	-1.1
	Feb.	132.4	140.7	3.7	111.9	123.7	2.2
	Mar.	142.8	141.0	0.2	127.2	123.4	-0.3
	Apr.	126.5	135.0	-4.3	123.0	122.8	-0.5
	May	135.4	143.1	6.0	134.4	130.1	6.0
	Jun.	142.8	140.7	-1.7	127.3	129.1	-0.7
	Jul.	136.6	141.4	0.5	129.8	127.0	-1.6
	Aug.	143.6	141.2	-0.2	130.7	127.9	0.6
	Sep.	146.7	140.8	-0.3	126.1	127.3	-0.4
	Oct.	144.7	138.9	-1.3	133.2	128.9	1.3
	Nov.	144.3	139.2	0.2	125.6	127.6	-1.0
	Dec.	140.6	136.6	-1.9	127.4	127.3	-0.2
2024	**Jan.**	143.1	141.0	3.3	129.5	130.6	2.6
	Feb.	135.0	143.3	1.6	124.2	137.3	5.1
	Mar.	144.6	142.7	-0.4	138.0	133.9	-2.5
	Apr.	132.7	141.8	-0.7	132.9	132.7	-0.9
	May	141.6	149.8	5.7	140.5	136.0	2.4
	Jun.	150.2	147.8	-1.4	131.7	133.5	-1.8
	Jul.	147.2	152.7	3.3	138.9	136.0	1.9
	Aug.	153.0	150.5	-1.5	136.3	133.4	-1.9
	Sep.	151.3	145.1	-3.6	131.0	132.2	-0.9
	Oct.	149.5	143.5	-1.1	135.7	131.3	-0.7
	Nov.	151.0	145.5	1.4	130.5	132.6	1.0
	Dec.	148.7	144.5	-0.7	131.9	131.8	-0.6

Jadual 2: Indeks Perlombongan Peringkat Industri (2015=100)

Table 2: Mining Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pengekstrakan Petroleum Mentah dan Gas Asli		**Pengekstrakan Minyak Petroleum Mentah & Kondensat**		**Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli)**	
		Extraction of Crude Petroleum and Natural Gas		*Extraction of crude Petroleum Oils & Condensates*		*Production of Crude Gaseous Hydrocarbon (Natural Gas)*	
Kod/ *Codes*		**06**		**06101**		**06201**	
Wajaran/*Weight 2015*		**25.14**		**12.22**		**12.92**	
2022		94.5	2.9	80.5	-0.3	107.7	5.3
2023		94.7	0.2	80.3	-0.4	108.3	0.6
2023	**Q1**	96.7	1.0	81.6	0.5	111.0	1.4
	Q2	90.1	-2.7	77.2	-3.0	102.4	-2.5
	Q3	90.7	-1.5	78.1	-0.5	102.6	-2.3
	Q4	101.1	3.7	84.2	1.5	117.2	5.2
2024	**Q1**	102.4	5.9	82.7	1.4	121.0	9.1
	Q2	92.3	2.4	78.5	1.7	105.4	3.0
	Q3	86.5	-4.6	72.5	-7.1	99.8	-2.7
	Q4	100.1	-1.1	79.0	-6.1	120.0	2.4
2023	**(Jan.-Dis.)**	94.7	0.2	80.3	-0.4	108.3	0.6
2024	**(Jan.-Dis.)**	95.3	0.7	78.2	-2.6	111.5	3.0
2023	**Jan.**	100.5	3.1	83.0	0.1	117.1	5.1
	Feb.	90.9	-0.8	76.8	-2.5	104.2	0.5
	Mar.	98.6	0.8	84.9	3.8	111.6	-1.3
	Apr.	88.1	-3.8	77.6	-1.5	98.0	-5.4
	May	94.8	2.8	78.2	-0.7	110.5	5.2
	Jun.	87.5	-7.0	75.8	-6.7	98.6	-7.2
	Jul.	94.6	2.8	81.9	8.0	106.5	-0.7
	Aug.	89.4	-1.5	75.9	-5.2	102.2	1.3
	Sep.	88.0	-5.8	76.3	-3.8	99.0	-7.2
	Oct.	101.4	5.7	84.8	3.2	117.2	7.6
	Nov.	99.6	1.2	82.3	-0.2	115.9	2.3
	Dec.	102.4	4.1	85.5	1.6	118.3	5.9
2024	**Jan.**	105.6	5.0	85.2	2.6	124.8	6.6
	Feb.	98.2	8.1	78.7	2.5	116.7	11.9
	Mar.	103.5	4.9	84.3	-0.7	121.6	8.9
	Apr.	96.9	10.0	80.3	3.5	112.6	14.9
	May	88.3	-6.9	76.7	-1.9	99.2	-10.3
	Jun.	91.8	4.9	78.3	3.4	104.5	6.0
	Jul.	89.9	-5.0	78.3	-4.4	100.8	-5.4
	Aug.	83.7	-6.4	71.6	-5.7	95.1	-7.0
	Sep.	86.0	-2.2	67.6	-11.4	103.4	4.5
	Oct.	98.6	-2.8	78.4	-7.5	117.7	0.4
	Nov.	98.8	-0.8	79.2	-3.8	117.4	1.2
	Dec.	102.8	0.4	79.5	-7.0	124.8	5.5

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan minyak sawit mentah		**Pembuatan minyak sawit bertapis**		**Pembuatan minyak isirong**	
		Manufacture of crude palm oil		*Manufacture of refined palm oil*		*Manufacture of palm kernel oil*	
Kod/ *Codes*		**10401**		**10402**		**10403**	
Wajaran/*Weight 2015*		**1.94**		**1.37**		**0.17**	
2022		92.4	1.9	95.2	-10.6	92.1	2.3
2023		92.9	0.5	104.8	10.1	93.0	0.9
2023	**Q1**	78.6	3.2	106.9	27.6	84.2	8.8
	Q2	83.4	-6.9	96.9	12.2	81.7	-7.4
	Q3	104.1	2.4	100.4	-5.1	98.1	-0.6
	Q4	105.7	3.2	114.9	9.8	108.0	3.7
2024	**Q1**	81.3	3.4	82.2	-23.1	82.2	-2.5
	Q2	96.7	15.9	91.9	-5.1	91.2	11.7
	Q3	111.4	7.0	132.4	31.9	106.7	8.8
	Q4	98.3	-7.0	152.7	32.8	95.4	-11.7
2023	**(Jan.-Dis.)**	92.9	0.5	104.8	10.1	93.0	0.9
2024	**(Jan.-Dis.)**	96.9	4.2	114.8	9.6	93.9	0.9
2023	**Jan.**	83.0	10.1	92.4	6.2	85.6	6.0
	Feb.	75.4	10.2	97.2	24.6	84.1	25.9
	Mar.	77.5	-8.7	131.1	51.7	83.1	-1.9
	Apr.	71.9	-18.1	89.4	9.1	69.1	-22.1
	May	91.2	3.9	105.5	31.3	90.8	8.7
	Jun.	87.0	-6.3	95.8	-1.0	85.2	-8.0
	Jul.	96.8	2.3	87.7	-9.0	90.8	-4.6
	Aug.	105.4	1.6	101.7	-1.4	101.6	0.7
	Sep.	110.0	3.3	111.7	-5.3	101.8	1.9
	Oct.	116.4	6.8	116.5	-4.5	113.7	7.2
	Nov.	107.5	6.4	117.0	10.3	109.4	7.6
	Dec.	93.2	-4.2	111.3	29.6	100.9	-3.7
2024	**Jan.**	84.3	1.6	88.2	-4.5	85.2	-0.4
	Feb.	75.7	0.5	70.5	-27.5	73.5	-12.6
	Mar.	83.7	8.1	87.8	-33.1	87.8	5.7
	Apr.	90.4	25.7	67.6	-24.4	81.3	17.7
	May	102.5	12.3	100.8	-4.5	102.4	12.8
	Jun.	97.1	11.6	107.5	12.2	90.1	5.7
	Jul.	110.7	14.4	120.5	37.4	108.5	19.5
	Aug.	113.8	8.0	152.5	50.0	109.3	7.6
	Sep.	109.5	-0.4	124.2	11.2	102.2	0.4
	Oct.	108.1	-7.2	172.3	47.9	110.3	-3.0
	Nov.	97.4	-9.4	149.0	27.3	93.0	-15.0
	Dec.	89.4	-4.1	136.8	22.9	82.8	-17.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan minyak sayuran mentah dan bertapis		**Pembuatan sebatian lemak masakan**		**Pembuatan aiskrim dan ais lain yang boleh dimakan seperti sorbet**	
		Manufacture of crude and refined vegetable oil		*Manufacture of compound cooking fats*		*Manufacture of ice cream and other edible ice such as sorbet*	
Kod/ *Codes*		**10404**		**10406**		**10501**	
Wajaran/*Weight 2015*		**0.04**		**0.18**		**0.03**	
2022		113.6	-8.5	161.0	23.7	144.3	6.8
2023		96.3	-15.2	176.3	9.5	147.6	2.3
2023	**Q1**	113.5	-6.0	173.2	22.7	137.6	-9.3
	Q2	84.2	-24.1	143.4	10.4	140.4	12.6
	Q3	81.5	-17.3	187.5	7.7	145.0	3.0
	Q4	106.2	-14.4	201.0	1.0	167.5	4.8
2024	**Q1**	117.2	3.2	141.7	-18.2	132.3	-3.8
	Q2	74.8	-11.2	148.3	3.4	130.0	-7.4
	Q3	72.3	-11.3	195.4	4.2	143.0	-1.3
	Q4	101.6	-4.3	177.8	-11.5	166.1	-0.8
2023	**(Jan.-Dis.)**	96.3	-15.2	176.3	9.5	147.6	2.3
2024	**(Jan.-Dis.)**	91.4	-5.1	165.8	-5.9	142.9	-3.2
2023	**Jan.**	144.1	2.5	193.9	11.4	139.4	-22.2
	Feb.	119.8	8.9	169.9	39.1	135.8	3.4
	Mar.	76.7	-31.4	155.9	22.5	137.7	-4.8
	Apr.	90.2	-24.4	141.4	17.2	120.6	-5.1
	May	78.5	-20.7	136.8	4.2	145.0	32.5
	Jun.	83.8	-26.7	152.0	10.2	155.6	13.1
	Jul.	71.0	-24.8	162.7	3.3	150.1	4.6
	Aug.	86.1	-17.5	183.1	10.3	147.8	3.9
	Sep.	87.3	-10.0	216.8	9.2	137.1	0.2
	Oct.	98.2	-15.9	214.8	13.9	174.1	11.4
	Nov.	94.1	-13.9	200.7	9.7	163.6	2.3
	Dec.	126.3	-13.6	187.4	-16.8	164.9	0.8
2024	**Jan.**	118.1	-18.0	169.0	-12.8	153.0	9.7
	Feb.	140.1	16.9	125.9	-25.9	115.4	-15.0
	Mar.	93.3	21.7	130.3	-16.4	128.6	-6.6
	Apr.	81.7	-9.5	143.2	1.3	121.3	0.6
	May	68.7	-12.5	138.9	1.5	126.3	-12.9
	Jun.	73.9	-11.8	162.8	7.1	142.3	-8.6
	Jul.	71.5	0.7	182.3	12.0	151.7	1.1
	Aug.	75.1	-12.7	202.7	10.7	147.6	-0.2
	Sep.	70.1	-19.7	201.3	-7.1	129.8	-5.3
	Oct.	87.5	-11.0	201.1	-6.4	167.5	-3.8
	Nov.	97.5	3.5	164.4	-18.1	173.5	6.1
	Dec.	119.9	-5.0	168.0	-10.4	157.3	-4.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan susu pekat, tepung dan sejat		**Pengilangan beras**		**Pengilangan tepung**	
		Manufacture of condensed, powdered and evaporated milk		*Rice milling*		*Flour milling*	
Kod/ *Codes*		**10502**		**10611**		**10613**	
Wajaran/*Weight 2015*		**0.43**		**0.09**		**0.13**	
2022		153.8	8.0	140.1	2.4	160.4	15.3
2023		156.9	2.0	129.8	-7.3	174.9	9.1
2023	**Q1**	123.7	-7.8	155.0	5.5	160.0	19.0
	Q2	150.4	-8.8	115.5	-18.9	155.8	4.5
	Q3	195.7	11.9	128.1	-12.5	194.1	5.7
	Q4	157.8	11.6	120.7	-3.1	189.8	9.0
2024	**Q1**	137.9	11.5	122.6	-20.9	171.1	6.9
	Q2	144.4	-4.0	121.4	5.0	166.7	7.0
	Q3	183.7	-6.1	130.9	2.2	171.8	-11.5
	Q4	137.0	-13.2	133.2	10.3	153.0	-19.4
2023	**(Jan.-Dis.)**	156.9	2.0	129.8	-7.3	174.9	9.1
2024	**(Jan.-Dis.)**	150.7	-3.9	127.0	-2.2	165.6	-5.3
2023	**Jan.**	121.8	-18.8	127.0	-7.8	168.1	23.1
	Feb.	120.3	9.1	151.8	-0.4	153.6	21.1
	Mar.	129.0	-9.3	186.2	23.5	158.4	13.0
	Apr.	135.1	-22.5	106.8	-31.6	165.1	10.4
	May	152.3	-9.8	123.7	1.3	153.3	2.7
	Jun.	163.9	8.2	116.2	-22.1	148.9	0.2
	Jul.	182.2	18.8	123.3	-5.5	153.1	5.0
	Aug.	194.5	4.0	106.5	-28.1	208.5	5.9
	Sep.	210.3	14.2	154.4	-4.0	220.7	5.9
	Oct.	176.4	11.5	128.4	-5.2	176.3	9.2
	Nov.	157.9	9.1	120.6	-6.0	200.1	13.5
	Dec.	139.1	14.8	113.1	3.0	193.1	4.7
2024	**Jan.**	137.9	13.2	116.3	-8.4	184.5	9.8
	Feb.	132.9	10.6	110.5	-27.2	177.0	15.3
	Mar.	142.8	10.7	141.1	-24.2	151.7	-4.2
	Apr.	126.8	-6.1	115.2	7.8	175.4	6.2
	May	150.1	-1.4	143.4	16.0	166.3	8.4
	Jun.	156.2	-4.7	105.5	-9.2	158.5	6.4
	Jul.	176.8	-3.0	114.6	-7.1	148.4	-3.1
	Aug.	192.8	-0.9	118.1	10.8	187.1	-10.3
	Sep.	181.4	-13.8	160.2	3.7	179.8	-18.5
	Oct.	151.0	-14.4	141.9	10.5	141.3	-19.9
	Nov.	135.3	-14.3	135.8	12.6	162.9	-18.6
	Dec.	124.5	-10.5	121.8	7.6	154.8	-19.8

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan biskut dan cookies		**Pembuatan roti, kek dan produk bakeri lain**		**Pembuatan produk snek**	
		Manufacture of biscuits and cookies		*Manufacture of bread, cakes and other bakery products*		*Manufacture of snack products*	
Kod/ *Codes*		**10711**		**10712**		**10713**	
Wajaran/*Weight 2015*		**0.13**		**0.36**		**0.09**	
2022		109.4	-0.1	183.0	7.0	94.3	-6.9
2023		102.6	-6.3	196.2	7.3	80.5	-14.7
2023	**Q1**	103.3	-8.7	177.4	12.0	89.8	-5.0
	Q2	93.7	-10.3	193.5	2.1	75.1	-19.7
	Q3	105.6	1.1	225.3	5.3	76.7	-18.8
	Q4	107.7	-6.9	188.8	11.1	80.3	-15.3
2024	**Q1**	95.3	-7.8	180.9	2.0	102.4	13.9
	Q2	91.9	-2.0	208.8	7.9	79.1	5.3
	Q3	113.7	7.7	267.9	18.9	83.3	8.6
	Q4	106.9	-0.7	225.5	19.4	83.6	4.0
2023	**(Jan.-Dis.)**	102.6	-6.3	196.2	7.3	80.5	-14.7
2024	**(Jan.-Dis.)**	102.0	-0.6	220.8	12.5	87.1	8.2
2023	**Jan.**	95.3	-18.5	171.0	7.3	98.5	2.2
	Feb.	108.0	-3.2	192.0	24.0	76.4	-19.0
	Mar.	106.5	-3.8	169.2	5.1	94.7	1.9
	Apr.	91.1	-18.7	161.4	-10.9	77.7	-20.3
	May	90.1	-9.9	209.6	13.4	73.8	-15.8
	Jun.	100.0	-1.5	209.4	3.4	73.8	-22.5
	Jul.	106.0	10.6	241.6	10.6	75.7	-20.9
	Aug.	101.1	-6.5	217.9	2.7	74.0	-19.5
	Sep.	109.6	0.2	216.3	2.5	80.5	-16.0
	Oct.	108.3	1.2	193.3	12.0	78.7	-16.3
	Nov.	101.1	-13.5	215.2	20.5	77.4	-19.7
	Dec.	113.6	-7.7	158.1	-0.4	84.9	-9.9
2024	**Jan.**	107.5	12.8	168.7	-1.3	112.4	14.2
	Feb.	92.2	-14.6	192.4	0.2	89.6	17.4
	Mar.	86.0	-19.2	181.6	7.3	105.0	10.9
	Apr.	89.9	-1.3	176.1	9.1	68.6	-11.8
	May	84.6	-6.1	213.9	2.0	85.5	16.0
	Jun.	101.2	1.2	236.3	12.9	83.2	12.7
	Jul.	110.7	4.5	274.2	13.5	87.3	15.4
	Aug.	112.5	11.3	268.0	23.0	77.6	4.9
	Sep.	117.9	7.6	261.6	20.9	85.1	5.7
	Oct.	114.1	5.3	232.2	20.1	83.2	5.7
	Nov.	96.0	-5.1	258.0	19.9	78.9	2.0
	Dec.	110.7	-2.6	186.4	17.9	88.6	4.3

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan gula		**Pembuatan produk koko**		**Pembuatan coklat dan produk coklat**	
		Manufacture of sugar		*Manufacture of cocoa products*		*Manufacture of chocolate and chocolate products*	
Kod/ *Codes*		**10721**		**10731**		**10732**	
Wajaran/*Weight 2015*		**0.12**		**0.17**		**0.11**	
2022		166.1	11.1	147.9	15.1	156.9	14.7
2023		154.6	-6.9	158.0	6.8	164.8	5.0
2023	**Q1**	115.1	-5.9	161.9	14.2	158.5	7.3
	Q2	184.4	-7.3	150.8	4.5	151.6	-3.4
	Q3	185.6	-5.0	156.7	3.1	179.5	9.8
	Q4	133.3	-9.9	162.8	6.0	169.5	6.4
2024	**Q1**	115.1	-0.1	170.7	5.4	164.7	3.9
	Q2	167.5	-9.2	165.1	9.5	169.5	11.8
	Q3	179.1	-3.5	178.0	13.6	230.2	28.2
	Q4	148.9	11.7	191.8	17.8	214.9	26.8
2023	**(Jan.-Dis.)**	154.6	-6.9	158.0	6.8	164.8	5.0
2024	**(Jan.-Dis.)**	152.6	-1.3	176.4	11.6	194.8	18.2
2023	**Jan.**	107.1	-9.0	160.6	11.7	154.0	-5.7
	Feb.	113.3	2.5	161.9	13.3	160.2	15.4
	Mar.	125.0	-9.9	163.3	17.9	161.2	14.2
	Apr.	140.0	-15.8	145.1	6.8	156.7	-7.3
	May	213.4	-2.3	154.6	3.8	147.6	1.3
	Jun.	199.8	-5.8	152.7	2.9	150.6	-3.6
	Jul.	214.3	-3.3	159.3	5.5	170.6	8.7
	Aug.	166.7	-9.1	146.6	0.1	175.7	6.2
	Sep.	175.8	-2.8	164.0	3.4	192.3	14.5
	Oct.	133.0	-13.3	157.3	9.3	174.9	14.6
	Nov.	155.0	-8.4	161.5	7.2	162.8	3.9
	Dec.	112.0	-7.8	169.5	2.0	170.9	1.3
2024	**Jan.**	96.0	-10.4	175.9	9.5	173.9	13.0
	Feb.	116.6	2.9	168.8	4.3	157.8	-1.5
	Mar.	132.6	6.1	167.4	2.5	162.3	0.7
	Apr.	139.8	-0.1	157.6	8.6	160.7	2.6
	May	190.4	-10.8	166.8	7.9	163.1	10.5
	Jun.	172.2	-13.8	170.8	11.9	184.6	22.6
	Jul.	202.9	-5.3	177.4	11.3	223.7	31.1
	Aug.	155.9	-6.5	172.6	17.7	220.6	25.6
	Sep.	178.5	1.5	184.1	12.3	246.2	28.0
	Oct.	139.9	5.2	180.6	14.8	224.5	28.3
	Nov.	185.1	19.4	191.2	18.4	205.7	26.4
	Dec.	121.6	8.6	203.6	20.1	214.6	25.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan konfeksi gula		**Pembuatan bihun, mi dan produk lain yang berkaitan**		**Pembuatan makanan dan hidangan tersedia**	
		Manufacture of sugar confectionery		*Manufacture of meehoon, noodles and other related product*		*Manufacture of prepared meals and dishes*	
Kod/ *Codes*		**10733**		**10741**		**10750**	
Wajaran/*Weight 2015*		**0.05**		**0.09**		**0.17**	
2022		143.7	8.0	116.1	-4.3	148.7	-0.4
2023		152.6	6.2	105.1	-9.5	148.9	0.2
2023	**Q1**	150.9	3.4	128.7	6.4	168.3	-5.1
	Q2	163.0	25.0	86.0	-20.7	150.3	17.5
	Q3	157.6	6.8	98.9	-14.2	140.1	-6.0
	Q4	139.0	-8.0	106.9	-10.8	136.9	-2.5
2024	**Q1**	149.7	-0.8	104.3	-18.9	165.9	-1.4
	Q2	141.5	-13.2	80.4	-6.5	147.7	-1.7
	Q3	130.2	-17.4	91.8	-7.2	144.3	3.0
	Q4	124.3	-10.6	98.8	-7.6	150.1	9.7
2023	**(Jan.-Dis.)**	152.6	6.2	105.1	-9.5	148.9	0.2
2024	**(Jan.-Dis.)**	136.4	-10.6	93.8	-10.7	152.0	2.1
2023	**Jan.**	133.3	-11.7	127.1	-4.0	165.4	-14.2
	Feb.	159.8	10.4	133.9	13.4	162.8	-7.2
	Mar.	159.6	12.3	125.0	11.4	176.7	8.0
	Apr.	158.2	19.4	94.6	-21.9	163.4	19.4
	May	170.3	42.2	77.2	-19.5	155.0	27.0
	Jun.	160.7	15.5	86.2	-20.4	132.5	6.0
	Jul.	150.5	13.4	96.7	-12.9	151.2	5.1
	Aug.	169.5	16.8	93.4	-21.3	131.6	-16.9
	Sep.	152.9	-7.3	106.5	-8.1	137.5	-5.1
	Oct.	138.4	-6.4	104.6	-11.7	149.7	0.1
	Nov.	147.1	-4.6	102.6	-9.4	136.5	5.9
	Dec.	131.6	-12.9	113.4	-11.3	124.5	-12.8
2024	**Jan.**	143.4	7.6	114.0	-10.3	153.4	-7.3
	Feb.	146.1	-8.6	109.8	-18.0	160.4	-1.5
	Mar.	159.7	0.0	89.1	-28.7	184.0	4.1
	Apr.	159.9	1.1	84.4	-10.8	164.5	0.7
	May	135.3	-20.5	74.1	-3.9	150.1	-3.1
	Jun.	129.2	-19.6	82.7	-4.1	128.4	-3.0
	Jul.	127.0	-15.6	96.3	-0.4	149.5	-1.1
	Aug.	139.5	-17.7	85.4	-8.6	136.6	3.8
	Sep.	124.0	-18.9	93.6	-12.1	146.7	6.7
	Oct.	117.9	-14.9	101.7	-2.8	161.3	7.8
	Nov.	119.0	-19.1	96.8	-5.6	149.5	9.6
	Dec.	136.1	3.4	97.8	-13.8	139.4	12.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kopi		**Pembuatan sos dan bahan perasa**		**Pembuatan rempah ratus dan serbuk kari**	
		Manufacture of coffee		*Manufacture of sauces and condiments*		*Manufacture of spices and curry powder*	
Kod/ *Codes*		**10791**		**10793**		**10794**	
Wajaran/*Weight 2015*		**0.15**		**0.13**		**0.07**	
2022		126.6	2.2	110.6	-8.6	198.5	16.2
2023		140.1	10.7	111.8	1.1	226.7	14.2
2023	**Q1**	131.9	-2.0	132.0	3.2	220.3	19.4
	Q2	152.0	16.7	93.9	-8.5	224.0	11.2
	Q3	143.1	15.0	110.9	8.1	235.1	15.8
	Q4	133.3	14.0	110.5	1.0	227.4	11.0
2024	**Q1**	134.8	2.2	148.4	12.5	266.7	21.1
	Q2	151.0	-0.6	90.7	-3.4	265.8	18.7
	Q3	138.0	-3.6	109.1	-1.6	257.2	9.4
	Q4	132.7	-0.4	123.0	11.3	235.7	3.7
2023	**(Jan.-Dis.)**	140.1	10.7	111.8	1.1	226.7	14.2
2024	**(Jan.-Dis.)**	139.1	-0.7	117.8	5.4	256.4	13.1
2023	**Jan.**	117.1	-12.7	142.2	2.3	207.0	12.0
	Feb.	132.4	6.8	138.1	16.7	219.3	21.2
	Mar.	146.1	0.2	115.6	-8.4	234.6	25.0
	Apr.	156.5	7.1	119.5	-0.9	216.0	3.2
	May	169.6	30.6	68.2	-18.6	208.0	6.2
	Jun.	129.8	13.1	93.9	-9.1	248.0	24.5
	Jul.	129.0	11.1	102.0	9.2	227.6	17.0
	Aug.	137.3	17.6	117.6	2.0	246.2	19.5
	Sep.	163.0	16.1	113.0	14.3	231.4	11.0
	Oct.	190.1	22.0	102.6	-4.2	196.5	-3.4
	Nov.	115.2	27.4	105.7	7.2	207.5	4.0
	Dec.	94.6	-9.6	123.2	0.6	278.2	31.2
2024	**Jan.**	124.3	6.1	167.8	18.0	246.1	18.9
	Feb.	123.3	-6.9	151.2	9.5	263.7	20.3
	Mar.	156.7	7.3	126.2	9.1	290.4	23.8
	Apr.	152.8	-2.3	104.6	-12.4	230.8	6.8
	May	172.9	1.9	73.7	8.1	278.4	33.8
	Jun.	127.4	-1.8	93.6	-0.3	288.3	16.3
	Jul.	137.6	6.7	105.4	3.3	264.9	16.4
	Aug.	136.3	-0.8	119.5	1.6	275.2	11.8
	Sep.	140.0	-14.1	102.5	-9.3	231.6	0.1
	Oct.	169.6	-10.8	105.2	2.6	204.2	3.9
	Nov.	120.3	4.4	113.2	7.1	249.6	20.3
	Dec.	108.2	14.5	150.7	22.3	253.5	-8.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk makanan lain t.t.t.l.		**Penyulingan, pembersihan dan pencampuran spirit; wain & pembuatan minuman keras malt dan malt**		**Pembuatan minuman ringan**	
		Manufacture of other food products n.e.c.		*Distilling, rectifying and blending of spirits; wines & malt liquors and malt*		*Manufacture of soft drinks*	
Kod/ *Codes*		**10799**		**11010, 11020 & 11030**		**11041**	
Wajaran/*Weight 2015*		**0.15**		**0.21**		**0.38**	
2022		119.5	2.7	129.9	20.6	137.2	9.6
2023		128.8	7.8	125.1	-3.7	143.2	4.4
2023	**Q1**	111.2	-5.8	118.0	-5.9	122.6	-0.6
	Q2	139.0	17.6	121.4	-6.0	152.7	7.3
	Q3	135.7	12.1	106.2	-10.2	156.3	6.4
	Q4	129.3	7.1	154.8	5.5	141.5	3.6
2024	**Q1**	110.8	-0.3	122.5	3.8	129.5	5.6
	Q2	140.1	0.8	116.0	-4.5	165.5	8.4
	Q3	131.8	-2.9	106.7	0.5	169.3	8.4
	Q4	134.0	3.6	160.1	3.4	153.9	8.8
2023	**(Jan.-Dis.)**	128.8	7.8	125.1	-3.7	143.2	4.4
2024	**(Jan.-Dis.)**	129.2	0.3	126.3	1.0	154.6	7.9
2023	**Jan.**	106.7	-11.6	143.4	5.1	118.2	-6.7
	Feb.	114.5	-0.5	106.5	-9.5	116.5	-2.1
	Mar.	112.2	-4.9	104.1	-14.8	133.0	7.1
	Apr.	119.9	3.6	133.2	-5.3	150.3	-5.2
	May	139.3	19.6	111.9	-6.3	161.2	20.6
	Jun.	157.9	29.0	118.9	-6.4	146.4	8.9
	Jul.	141.1	21.6	95.9	-20.1	154.0	9.0
	Aug.	134.8	6.2	100.7	-3.2	164.3	5.4
	Sep.	131.3	9.2	121.8	-6.8	150.5	5.1
	Oct.	134.7	16.0	143.6	7.3	147.9	6.5
	Nov.	134.8	9.1	153.2	3.1	137.5	1.1
	Dec.	118.5	-3.4	167.7	6.3	139.0	3.1
2024	**Jan.**	112.6	5.5	151.6	5.7	125.1	5.8
	Feb.	108.4	-5.4	107.8	1.2	118.9	2.1
	Mar.	111.5	-0.7	108.2	3.9	144.4	8.5
	Apr.	130.5	8.9	137.2	3.0	157.6	4.8
	May	135.5	-2.7	102.5	-8.4	173.5	7.6
	Jun.	154.1	-2.4	108.1	-9.1	165.5	13.0
	Jul.	132.8	-5.9	93.5	-2.6	167.3	8.6
	Aug.	132.4	-1.8	96.3	-4.4	181.1	10.2
	Sep.	130.2	-0.9	130.2	6.9	159.6	6.0
	Oct.	134.0	-0.5	145.4	1.2	154.1	4.2
	Nov.	133.9	-0.7	159.9	4.4	149.0	8.3
	Dec.	134.2	13.2	174.9	4.3	158.6	14.2

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan		**Pembuatan produk tembakau**		**Penyediaan dan pemintalan gentian tekstil**	
		Production of natural mineral waters and other bottled waters		*Manufacture of tobacco products*		*Preparation and spinning of textile fibres*	
Kod/ *Codes*		**11042**		**12000**		**13110**	
Wajaran/*Weight 2015*		**0.06**		**0.52**		**0.07**	
2022		141.5	14.5	102.2	22.1	121.4	8.4
2023		146.2	3.3	116.4	13.9	133.4	9.9
2023	**Q1**	144.7	7.1	147.4	15.5	146.8	25.9
	Q2	129.5	-6.5	125.2	20.2	112.8	-1.9
	Q3	142.4	-2.7	81.3	13.9	132.4	14.1
	Q4	168.2	15.0	111.5	5.8	141.5	2.6
2024	**Q1**	162.3	12.2	158.8	7.7	180.8	23.1
	Q2	158.3	22.2	139.3	11.2	132.4	17.4
	Q3	164.1	15.2	94.5	16.2	138.3	4.4
	Q4	212.2	26.2	119.2	6.9	146.5	3.5
2023	**(Jan.-Dis.)**	146.2	3.3	116.4	13.9	133.4	9.9
2024	**(Jan.-Dis.)**	174.2	19.2	127.9	10.0	149.5	12.1
2023	**Jan.**	127.7	5.1	147.9	19.5	142.9	29.1
	Feb.	168.7	16.9	142.4	3.9	154.1	34.8
	Mar.	137.6	-1.3	151.9	24.4	143.4	14.8
	Apr.	124.3	-7.9	126.2	6.4	117.8	13.4
	May	146.3	5.7	141.6	36.2	116.5	-5.6
	Jun.	118.0	-17.0	107.9	19.9	104.0	-11.6
	Jul.	153.9	24.7	79.4	17.2	136.0	32.8
	Aug.	104.5	-26.2	77.9	12.1	134.0	4.4
	Sep.	168.8	-3.1	86.6	12.5	127.4	8.5
	Oct.	138.3	-10.0	93.6	9.9	135.1	4.6
	Nov.	176.2	29.2	124.4	3.7	138.8	4.7
	Dec.	189.9	27.9	116.5	4.9	150.6	-0.8
2024	**Jan.**	154.5	21.0	154.0	4.2	179.1	25.3
	Feb.	196.8	16.6	157.5	10.6	188.1	22.1
	Mar.	135.7	-1.4	164.8	8.5	175.2	22.2
	Apr.	150.1	20.7	137.8	9.2	136.2	15.6
	May	174.5	19.3	151.9	7.3	138.4	18.8
	Jun.	150.3	27.3	128.2	18.8	122.7	18.0
	Jul.	177.1	15.0	98.0	23.4	146.2	7.5
	Aug.	124.0	18.6	89.8	15.3	144.3	7.7
	Sep.	191.1	13.2	95.6	10.4	124.2	-2.5
	Oct.	167.8	21.4	101.5	8.4	133.7	-1.0
	Nov.	234.2	32.9	130.9	5.3	147.8	6.5
	Dec.	234.6	23.5	125.3	7.5	158.0	4.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Penenunan tekstil		**Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik**		**Pembuatan pakaian**	
		Weaving of textiles		*Dyeing, bleaching, printing and finishing of yarns and fabrics*		*Manufacture of clothings*	
Kod/ *Codes*		**13120**		**13132**		**14102**	
Wajaran/*Weight 2015*		**0.22**		**0.11**		**0.46**	
2022		135.7	8.7	85.0	-6.8	124.6	1.2
2023		114.3	-15.8	69.6	-18.1	129.3	3.8
2023	**Q1**	135.9	-10.4	63.1	-27.4	139.4	1.6
	Q2	109.0	-7.0	65.7	-27.4	105.2	9.0
	Q3	107.7	-21.2	68.9	-17.9	118.4	6.4
	Q4	104.4	-23.9	80.8	2.7	154.3	0.7
2024	**Q1**	115.1	-15.3	75.2	19.1	143.9	3.2
	Q2	107.0	-1.8	83.5	27.1	113.4	7.7
	Q3	107.3	-0.4	74.9	8.7	123.3	4.2
	Q4	101.0	-3.2	89.6	10.9	150.7	-2.3
2023	**(Jan.-Dis.)**	114.3	-15.8	69.6	-18.1	129.3	3.8
2024	**(Jan.-Dis.)**	107.6	-5.8	80.8	16.0	132.8	2.7
2023	**Jan.**	135.1	-11.9	55.7	-22.8	132.3	-3.5
	Feb.	128.3	-14.1	57.7	-32.9	138.2	5.1
	Mar.	144.4	-5.2	76.0	-25.9	147.5	3.1
	Apr.	93.0	-15.2	65.5	-28.3	110.8	4.5
	May	112.2	1.2	64.4	-25.0	98.8	8.2
	Jun.	121.7	-7.2	67.2	-28.8	106.1	14.8
	Jul.	102.8	-19.2	61.3	-27.6	108.5	10.2
	Aug.	97.1	-20.3	71.2	-15.1	114.6	5.3
	Sep.	123.3	-23.6	74.2	-11.0	132.0	4.4
	Oct.	103.6	-24.2	77.4	-4.5	150.1	6.2
	Nov.	119.2	-24.4	86.2	4.7	167.6	2.4
	Dec.	90.4	-22.8	78.8	8.6	145.3	-6.1
2024	**Jan.**	111.9	-17.2	69.9	25.4	132.6	0.2
	Feb.	106.0	-17.4	68.9	19.5	131.7	-4.8
	Mar.	127.4	-11.7	86.8	14.1	167.4	13.4
	Apr.	91.8	-1.2	74.3	13.4	123.8	11.7
	May	110.2	-1.8	88.2	36.8	107.4	8.7
	Jun.	118.8	-2.3	88.1	31.0	109.0	2.7
	Jul.	105.6	2.8	75.4	23.1	117.7	8.5
	Aug.	99.7	2.6	74.8	5.1	118.8	3.7
	Sep.	116.7	-5.4	74.4	0.2	133.3	1.0
	Oct.	101.0	-2.6	82.5	6.5	151.3	0.8
	Nov.	115.0	-3.5	92.2	6.9	161.8	-3.4
	Dec.	87.0	-3.7	94.1	19.4	139.1	-4.3

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan bagasi, beg tangan dan seumpamanya, pelana dan abah-abah		**Pembuatan kasut kulit**		**Pembuatan kasut getah**	
		Manufacture of luggage, handbags and the like, saddlery and harness		*Manufacture of leather footwear*		*Manufacture of rubber footwear*	
Kod/ *Codes*		**15120**		**15201**		**15203**	
Wajaran/*Weight 2015*		**0.05**		**0.02**		**0.04**	
2022		204.0	33.6	93.7	4.6	108.4	22.0
2023		221.4	8.5	88.2	-5.8	125.3	15.6
2023	**Q1**	217.7	2.5	98.6	11.3	125.1	14.6
	Q2	252.8	11.0	79.7	-12.6	131.3	25.7
	Q3	215.7	7.6	76.7	-18.3	110.5	11.9
	Q4	199.2	13.5	98.0	-3.2	134.3	10.7
2024	**Q1**	240.8	10.6	97.7	-0.9	132.7	6.0
	Q2	267.8	5.9	81.0	1.6	129.6	-1.3
	Q3	245.9	14.0	88.1	14.9	107.8	-2.4
	Q4	220.4	10.6	111.9	14.2	146.2	8.9
2023	**(Jan.-Dis.)**	221.4	8.5	88.2	-5.8	125.3	15.6
2024	**(Jan.-Dis.)**	243.7	10.1	94.7	7.3	129.1	3.0
2023	**Jan.**	210.9	0.1	96.5	7.8	126.8	17.6
	Feb.	203.1	1.8	97.0	12.0	119.8	12.9
	Mar.	239.2	5.3	102.3	14.0	128.9	13.3
	Apr.	243.5	10.6	81.7	-8.6	133.4	24.1
	May	296.5	20.0	83.2	-8.7	132.1	26.9
	Jun.	218.3	1.0	74.2	-20.1	128.3	26.1
	Jul.	200.5	9.1	81.3	-11.5	121.1	16.9
	Aug.	227.5	5.4	73.0	-20.7	103.7	8.3
	Sep.	219.2	8.6	75.7	-22.5	106.8	10.1
	Oct.	163.6	15.9	91.1	-8.0	120.5	11.2
	Nov.	213.4	11.0	98.1	-3.4	141.0	11.1
	Dec.	220.5	14.3	104.7	1.6	141.4	9.7
2024	**Jan.**	240.4	14.0	99.7	3.3	135.4	6.9
	Feb.	227.8	12.2	94.3	-2.8	126.2	5.4
	Mar.	254.1	6.2	99.2	-3.1	136.5	5.9
	Apr.	262.2	7.7	76.7	-6.1	132.0	-1.1
	May	301.8	1.8	88.9	6.9	132.1	-0.1
	Jun.	239.4	9.7	77.4	4.2	124.7	-2.8
	Jul.	227.2	13.3	81.9	0.8	116.9	-3.5
	Aug.	265.2	16.5	84.0	15.0	96.3	-7.1
	Sep.	245.4	11.9	98.3	29.9	110.3	3.3
	Oct.	177.0	8.2	104.6	14.8	128.7	6.8
	Nov.	230.5	8.0	115.9	18.1	154.0	9.2
	Dec.	253.7	15.0	115.3	10.2	155.9	10.2

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pengilangan dan pengetaman kayu		**Pembuatan kepingan venier dan papan lapis**		**Pembuatan papan partikel dan papan gentian**	
		Sawmilling and planning of wood		*Manufacture of veneer sheets and plywood*		*Manufacture of particle board and fibreboard*	
Kod/ *Codes*		**16100**		**16211**		**16212**	
Wajaran/*Weight 2015*		**0.35**		**0.57**		**0.25**	
2022		134.6	8.1	97.4	4.7	134.4	4.1
2023		127.9	-5.0	82.5	-15.2	150.4	11.9
2023	**Q1**	143.2	3.1	64.6	-39.1	177.6	15.9
	Q2	103.4	-9.7	110.6	-11.2	110.5	21.0
	Q3	132.5	-6.7	78.7	-8.7	141.4	12.4
	Q4	132.5	-7.4	76.2	4.9	172.1	2.9
2024	**Q1**	112.9	-21.1	77.2	19.5	189.7	6.8
	Q2	122.1	18.1	99.2	-10.3	117.7	6.5
	Q3	154.6	16.6	70.2	-10.8	155.5	9.9
	Q4	147.9	11.6	68.5	-10.1	179.6	4.4
2023	**(Jan.-Dis.)**	127.9	-5.0	82.5	-15.2	150.4	11.9
2024	**(Jan.-Dis.)**	134.3	5.1	78.8	-4.6	160.6	6.8
2023	**Jan.**	132.7	-0.8	57.3	-43.3	158.4	-12.2
	Feb.	150.3	5.1	71.5	-28.4	182.7	29.8
	Mar.	146.5	4.9	64.9	-44.7	191.7	38.3
	Apr.	122.6	14.9	65.9	-46.1	133.0	31.8
	May	88.3	-23.0	143.6	12.0	99.8	13.8
	Jun.	99.3	-18.7	122.4	-0.6	98.8	15.8
	Jul.	127.4	8.0	83.8	-21.1	125.9	20.7
	Aug.	135.4	-16.7	71.8	2.2	149.7	23.4
	Sep.	134.8	-7.4	80.6	-1.9	148.8	-2.1
	Oct.	149.7	7.7	78.7	3.1	153.6	-3.9
	Nov.	123.8	-15.1	79.3	6.7	173.5	5.9
	Dec.	124.0	-14.2	70.6	4.8	189.2	6.2
2024	**Jan.**	112.7	-15.1	72.8	27.0	164.1	3.6
	Feb.	98.2	-34.7	87.7	22.6	195.5	7.0
	Mar.	127.8	-12.8	71.0	9.3	209.5	9.3
	Apr.	129.6	5.7	75.8	15.1	121.7	-8.5
	May	113.1	28.2	106.1	-26.1	139.7	40.0
	Jun.	123.5	24.3	115.7	-5.5	91.8	-7.1
	Jul.	157.6	23.7	77.2	-8.0	135.7	7.8
	Aug.	152.5	12.6	63.0	-12.2	168.7	12.7
	Sep.	153.5	13.9	70.5	-12.5	162.1	8.9
	Oct.	163.8	9.4	70.2	-10.8	159.1	3.6
	Nov.	136.4	10.2	70.6	-11.0	179.4	3.4
	Dec.	143.4	15.7	64.7	-8.3	200.4	5.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pertukangan kayu untuk jurubina		**Pembuatan bekas kayu**		**Pembuatan pulpa, kertas dan kertas tebal**	
		Manufacture of builders' carpentry		*Manufacture of wooden containers*		*Manufacture of pulp, paper and paperboard*	
Kod/ *Codes*		**16221**		**16230**		**17010**	
Wajaran/*Weight 2015*		**0.14**		**0.06**		**0.24**	
2022		80.0	-1.9	351.3	26.1	111.0	-8.0
2023		76.7	-4.0	325.3	-7.4	103.7	-6.5
2023	**Q1**	75.6	-14.9	363.4	4.6	103.8	-12.6
	Q2	63.4	-14.3	327.8	0.0	103.4	-11.5
	Q3	72.4	0.2	301.4	-12.6	104.2	1.0
	Q4	95.5	12.7	308.4	-19.9	103.4	-1.6
2024	**Q1**	87.2	15.3	292.3	-19.6	95.8	-7.8
	Q2	74.1	16.9	350.1	6.8	92.3	-10.7
	Q3	77.6	7.1	344.9	14.4	100.0	-4.0
	Q4	97.0	1.6	390.2	26.5	100.6	-2.7
2023	**(Jan.-Dis.)**	76.7	-4.0	325.3	-7.4	103.7	-6.5
2024	**(Jan.-Dis.)**	84.0	9.4	344.4	5.9	97.2	-6.3
2023	**Jan.**	82.4	-6.9	416.5	18.6	101.5	-16.6
	Feb.	73.8	-19.5	369.3	0.7	105.5	-8.2
	Mar.	70.5	-18.3	304.5	-6.3	104.5	-12.7
	Apr.	63.7	-15.9	414.1	22.8	100.1	-17.6
	May	57.8	-18.0	267.7	-16.4	104.3	-7.3
	Jun.	68.8	-9.3	301.5	-7.4	105.8	-9.1
	Jul.	64.5	-4.7	280.7	-11.1	103.0	0.2
	Aug.	69.0	-2.6	297.3	-9.9	104.6	-2.8
	Sep.	83.8	7.0	326.2	-16.1	104.9	5.9
	Oct.	100.0	18.6	352.8	-18.4	111.9	2.0
	Nov.	95.9	11.7	305.0	-16.9	104.6	-2.9
	Dec.	90.6	7.8	267.4	-24.7	93.8	-4.3
2024	**Jan.**	94.5	14.6	316.1	-24.1	103.6	2.1
	Feb.	85.4	15.7	265.6	-28.1	94.7	-10.2
	Mar.	81.6	15.8	295.2	-3.0	89.0	-14.8
	Apr.	77.1	21.1	382.7	-7.6	86.1	-13.9
	May	69.5	20.2	310.7	16.1	94.8	-9.1
	Jun.	75.8	10.2	357.0	18.4	95.9	-9.4
	Jul.	77.5	20.1	327.1	16.5	97.1	-5.7
	Aug.	72.3	4.8	295.0	-0.8	99.3	-5.1
	Sep.	82.9	-1.1	412.7	26.5	103.5	-1.3
	Oct.	90.8	-9.2	461.0	30.7	107.6	-3.9
	Nov.	103.3	7.8	395.2	29.6	103.4	-1.2
	Dec.	96.8	6.9	314.3	17.5	91.0	-3.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal		**Pembuatan sampul surat dan kad surat**		**Pembuatan kertas kegunaan rumah dan pembersih peribadi**	
		Manufacture of corrugated paper and paperboard and of containers of paper and paperboard		*Manufacture of envelopes and letter-card*		*Manufacture of household and personal hygiene paper*	
Kod/ *Codes*		**17020**		**17091**		**17092**	
Wajaran/*Weight 2015*		**0.45**		**0.04**		**0.22**	
2022		178.2	12.2	57.7	-9.8	127.3	10.4
2023		180.2	1.1	55.0	-4.6	133.0	4.4
2023	**Q1**	175.6	7.4	61.2	-15.5	138.4	12.1
	Q2	149.5	-4.3	51.1	-3.6	143.6	17.9
	Q3	188.5	-1.3	52.8	8.4	123.0	-9.6
	Q4	207.2	2.6	55.0	-2.9	127.0	-0.8
2024	**Q1**	184.2	4.9	43.2	-29.4	125.9	-9.0
	Q2	165.8	10.9	44.7	-12.4	126.8	-11.7
	Q3	195.2	3.6	58.2	10.2	129.4	5.1
	Q4	199.2	-3.9	66.4	20.8	136.5	7.5
2023	**(Jan.-Dis.)**	180.2	1.1	55.0	-4.6	133.0	4.4
2024	**(Jan.-Dis.)**	186.1	3.3	53.2	-3.4	129.6	-2.5
2023	**Jan.**	192.9	9.5	65.2	-5.3	131.4	-1.6
	Feb.	176.1	14.0	57.5	-23.0	136.2	8.7
	Mar.	157.7	-1.4	61.0	-17.4	147.6	32.4
	Apr.	147.1	-4.1	56.6	-15.0	141.7	19.0
	May	137.8	-2.1	47.4	12.9	141.5	23.6
	Jun.	163.6	-6.2	49.1	-2.1	147.5	11.9
	Jul.	153.9	-9.7	47.4	9.0	146.6	9.3
	Aug.	187.4	2.3	56.1	13.6	108.2	-16.6
	Sep.	224.1	2.1	55.1	3.2	114.4	-20.8
	Oct.	185.3	2.7	45.3	-4.7	99.7	-17.5
	Nov.	220.7	4.5	63.3	-2.7	147.7	7.6
	Dec.	215.6	0.5	56.3	-1.7	133.5	6.0
2024	**Jan.**	202.7	5.0	47.9	-26.5	129.0	-1.8
	Feb.	185.6	5.4	39.8	-30.8	119.4	-12.4
	Mar.	164.3	4.2	42.0	-31.2	129.4	-12.4
	Apr.	164.9	12.1	43.0	-24.1	118.3	-16.5
	May	153.5	11.4	45.0	-5.1	118.8	-16.0
	Jun.	179.0	9.4	46.2	-5.7	143.2	-2.9
	Jul.	177.4	15.3	48.5	2.4	151.0	3.0
	Aug.	201.2	7.4	60.3	7.5	110.3	1.9
	Sep.	207.0	-7.6	66.0	19.8	126.8	10.9
	Oct.	168.7	-9.0	54.6	20.5	110.5	10.8
	Nov.	222.3	0.7	73.6	16.2	154.4	4.5
	Dec.	206.5	-4.2	71.1	26.3	144.6	8.3

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding		**Percetakan**		**Aktiviti perkhidmatan berkaitan percetakan**	
		Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper		*Printing*		*Service activities related to printing*	
Kod/ *Codes*		**17093**		**18110**		**18120**	
Wajaran/*Weight 2015*		**0.11**		**0.73**		**0.19**	
2022		142.7	7.1	121.6	5.6	136.3	11.2
2023		167.5	17.4	131.0	7.7	137.5	0.9
2023	**Q1**	145.7	-4.4	121.4	2.9	144.7	6.1
	Q2	148.1	17.6	124.3	8.5	140.6	0.8
	Q3	200.9	26.5	132.2	11.3	119.4	0.6
	Q4	175.6	31.3	146.1	8.2	145.4	-3.5
2024	**Q1**	198.2	36.0	129.9	7.0	144.2	-0.3
	Q2	184.6	24.7	135.8	9.2	150.6	7.1
	Q3	237.4	18.2	150.7	14.0	118.3	-0.8
	Q4	223.7	27.4	166.8	14.2	124.5	-14.4
2023	**(Jan.-Dis.)**	167.5	17.4	131.0	7.7	137.5	0.9
2024	**(Jan.-Dis.)**	211.0	25.9	145.8	11.3	134.4	-2.3
2023	**Jan.**	153.9	5.3	126.0	1.2	150.2	7.4
	Feb.	143.9	-6.2	124.5	6.4	135.3	-0.2
	Mar.	139.3	-11.6	113.6	1.2	148.6	11.2
	Apr.	147.5	9.7	125.9	3.2	147.5	3.3
	May	141.7	21.0	128.9	11.1	140.0	2.5
	Jun.	154.9	22.8	118.0	11.8	134.4	-3.4
	Jul.	203.8	23.7	115.6	7.6	126.9	11.0
	Aug.	201.4	28.3	139.3	15.6	103.6	-11.9
	Sep.	197.5	27.8	141.7	10.5	127.5	2.9
	Oct.	178.1	27.8	147.0	13.2	105.3	-7.5
	Nov.	164.5	34.8	139.6	5.8	146.5	-6.0
	Dec.	184.1	31.6	151.6	5.7	184.4	1.2
2024	**Jan.**	205.9	33.8	136.9	8.7	151.5	0.8
	Feb.	195.2	35.6	131.7	5.8	130.1	-3.8
	Mar.	193.3	38.8	121.0	6.5	151.0	1.7
	Apr.	203.1	37.7	135.0	7.2	166.5	12.8
	May	166.1	17.2	141.5	9.8	141.9	1.3
	Jun.	184.7	19.2	130.7	10.8	143.4	6.7
	Jul.	234.2	14.9	133.9	15.9	137.5	8.4
	Aug.	237.2	17.8	160.2	15.0	92.7	-10.5
	Sep.	240.9	22.0	158.1	11.6	124.8	-2.2
	Oct.	224.7	26.2	163.5	11.3	96.2	-8.7
	Nov.	201.5	22.5	161.7	15.8	127.3	-13.1
	Dec.	245.0	33.0	175.3	15.6	150.1	-18.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk petroleum bertapis		**Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat**		**Pembuatan kimia organik asas**	
		Manufacture of refined petroleum products		*Manufacture of liquefied or compressed inorganic industrial or medical gases*		*Manufacture of basic organic chemicals*	
Kod/ *Codes*		**19201**		**20111**		**20112**	
Wajaran/*Weight 2015*		**9.26**		**1.05**		**2.00**	
2022		119.8	6.2	144.4	18.5	122.7	0.2
2023		118.3	-1.3	147.1	1.9	130.7	6.5
2023	**Q1**	128.0	8.0	166.7	6.3	127.4	0.5
	Q2	108.8	-1.4	134.1	3.9	135.7	9.6
	Q3	117.9	-8.2	130.5	-1.6	132.2	10.6
	Q4	118.3	-3.0	157.0	-1.2	127.3	5.4
2024	**Q1**	125.9	-1.6	158.2	-5.1	133.1	4.5
	Q2	113.4	4.2	130.5	-2.7	145.1	6.9
	Q3	120.8	2.4	112.7	-13.6	152.6	15.4
	Q4	119.2	0.8	136.6	-13.0	144.4	13.5
2023	**(Jan.-Dis.)**	118.3	-1.3	147.1	1.9	130.7	6.5
2024	**(Jan.-Dis.)**	119.8	1.3	134.5	-8.6	143.8	10.1
2023	**Jan.**	124.1	11.0	148.2	4.5	124.4	-1.4
	Feb.	121.6	6.6	168.0	2.3	127.1	-0.2
	Mar.	138.4	6.6	184.0	12.0	130.7	3.1
	Apr.	93.6	2.0	149.2	19.3	118.2	3.6
	May	116.0	6.6	119.4	4.7	123.7	7.6
	Jun.	116.8	-10.5	133.9	-9.7	165.3	16.1
	Jul.	116.9	-9.9	120.3	-0.6	120.5	3.1
	Aug.	121.8	-7.3	138.3	-3.0	143.7	18.5
	Sep.	115.1	-7.5	132.9	-1.1	132.4	10.0
	Oct.	122.4	-3.7	140.4	-0.4	133.3	7.5
	Nov.	121.1	-1.3	157.0	-3.1	121.6	8.1
	Dec.	111.4	-4.1	173.8	-0.2	126.9	1.1
2024	**Jan.**	120.8	-2.6	165.3	11.6	133.7	7.5
	Feb.	116.1	-4.5	152.6	-9.1	132.2	4.0
	Mar.	140.9	1.9	156.8	-14.8	133.4	2.1
	Apr.	99.2	5.9	138.2	-7.3	131.7	11.5
	May	109.4	-5.6	128.9	8.0	127.0	2.7
	Jun.	131.5	12.5	124.2	-7.2	176.4	6.7
	Jul.	130.6	11.8	107.3	-10.8	144.3	19.8
	Aug.	120.0	-1.5	119.3	-13.8	158.9	10.5
	Sep.	111.8	-2.9	111.5	-16.1	154.5	16.7
	Oct.	121.0	-1.2	122.2	-12.9	145.2	8.9
	Nov.	122.3	1.0	136.5	-13.0	138.0	13.5
	Dec.	114.4	2.8	151.2	-13.0	150.1	18.3

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan sebatian bukan organik		**Pembuatan baja**		**Pembuatan plastik dalam bentuk primer**	
		Manufacture of inorganic compounds		*Manufacture of fertilizers*		*Manufacture of plastics in primary forms*	
Kod/ *Codes*		**20113**		**20121**		**20131**	
Wajaran/*Weight 2015*		**0.29**		**0.38**		**1.11**	
2022		137.7	0.3	152.5	15.6	110.4	0.2
2023		142.4	3.4	152.4	-0.1	120.1	8.8
2023	**Q1**	141.1	2.9	134.9	14.0	112.0	-0.1
	Q2	148.7	5.2	131.2	-5.8	112.4	3.6
	Q3	147.2	6.7	163.0	-5.8	142.0	19.6
	Q4	132.6	-1.2	180.3	0.5	113.9	11.4
2024	**Q1**	142.1	0.7	153.2	13.5	112.3	0.3
	Q2	151.7	2.0	138.5	5.5	123.6	10.0
	Q3	148.1	0.6	165.7	1.6	160.7	13.2
	Q4	130.6	-1.5	168.4	-6.6	123.3	8.3
2023	**(Jan.-Dis.)**	142.4	3.4	152.4	-0.1	120.1	8.8
2024	**(Jan.-Dis.)**	143.1	0.5	156.4	2.7	130.0	8.3
2023	**Jan.**	135.6	-4.5	147.9	37.1	104.6	-7.3
	Feb.	138.8	5.5	126.2	3.4	115.8	2.9
	Mar.	149.0	8.0	130.7	4.4	115.5	4.2
	Apr.	141.0	-1.2	121.6	-24.0	99.2	-2.6
	May	152.1	9.5	123.9	6.8	104.1	-0.1
	Jun.	152.9	7.5	148.1	4.5	133.8	12.2
	Jul.	149.7	8.7	153.0	-5.5	152.6	28.4
	Aug.	151.2	4.7	156.7	-7.9	141.4	13.2
	Sep.	140.8	6.8	179.4	-4.1	132.1	17.5
	Oct.	141.7	-0.7	196.8	6.6	121.0	23.3
	Nov.	129.4	0.4	185.8	0.9	112.7	13.2
	Dec.	126.8	-3.4	158.2	-6.4	108.0	-0.9
2024	**Jan.**	136.4	0.6	169.5	14.6	110.2	5.4
	Feb.	142.4	2.6	128.1	1.5	115.6	-0.2
	Mar.	147.6	-0.9	162.1	24.0	111.1	-3.8
	Apr.	147.7	4.8	150.9	24.2	108.5	9.4
	May	152.8	0.4	122.0	-1.5	115.0	10.4
	Jun.	154.6	1.1	142.4	-3.9	147.2	10.0
	Jul.	147.5	-1.5	166.8	9.0	169.7	11.2
	Aug.	153.6	1.6	159.5	1.8	163.9	15.9
	Sep.	143.1	1.6	170.8	-4.8	148.6	12.5
	Oct.	138.1	-2.5	186.5	-5.2	124.6	2.9
	Nov.	130.4	0.8	175.8	-5.4	119.5	6.0
	Dec.	123.2	-2.8	143.0	-9.6	125.9	16.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan racun perosak dan produk agrokimia lain		**Pembuatan cat, varnis dan penyadur dan mastik**		**Pembuatan dakwat cetak**	
		Manufacture of pesticides and other agrochemical products		*Manufacture of paints, varnishes and similar coatings ink and mastics*		*Manufacture of printing ink*	
Kod/ *Codes*		**20210**		**20221**		**20222**	
Wajaran/*Weight 2015*		**0.14**		**0.33**		**0.10**	
2022		68.2	-18.5	141.0	0.1	68.4	-18.2
2023		70.0	2.7	158.4	12.3	50.0	-26.9
2023	**Q1**	66.1	-12.6	149.3	7.2	65.9	-12.9
	Q2	82.3	15.1	142.1	8.3	38.2	-42.3
	Q3	61.5	11.5	176.5	18.0	46.4	-29.9
	Q4	70.1	-0.6	165.7	14.9	49.5	-24.3
2024	**Q1**	83.8	26.7	144.5	-3.2	56.7	-13.9
	Q2	81.3	-1.1	152.6	7.4	42.2	10.4
	Q3	48.9	-20.6	169.0	-4.3	52.7	13.5
	Q4	57.1	-18.6	158.0	-4.6	58.6	18.5
2023	**(Jan.-Dis.)**	70.0	2.7	158.4	12.3	50.0	-26.9
2024	**(Jan.-Dis.)**	67.8	-3.2	156.0	-1.5	52.6	5.1
2023	**Jan.**	67.5	-14.8	139.8	-5.2	88.8	0.8
	Feb.	65.1	-10.4	147.9	16.3	58.3	-5.8
	Mar.	65.8	-12.4	160.2	11.9	50.6	-34.3
	Apr.	70.2	-6.6	129.6	-2.1	52.3	-14.2
	May	90.4	34.1	153.4	21.7	23.6	-67.8
	Jun.	86.3	20.0	143.3	5.8	38.7	-39.9
	Jul.	59.7	18.9	154.4	17.0	41.7	-30.0
	Aug.	67.1	14.2	171.2	21.2	47.2	-34.8
	Sep.	57.8	2.2	203.8	16.2	50.3	-24.5
	Oct.	65.3	-11.2	169.6	22.4	49.7	-27.1
	Nov.	68.1	-2.4	166.9	11.6	49.3	-25.2
	Dec.	76.9	12.8	160.6	11.2	49.4	-20.5
2024	**Jan.**	88.4	31.0	157.0	12.3	71.5	-19.5
	Feb.	83.7	28.6	134.5	-9.0	49.2	-15.7
	Mar.	79.3	20.5	141.8	-11.5	49.5	-2.1
	Apr.	86.3	23.0	137.8	6.3	50.2	-4.0
	May	93.8	3.8	170.3	11.0	32.3	36.9
	Jun.	63.9	-26.0	149.8	4.5	43.9	13.5
	Jul.	50.0	-16.3	163.5	5.9	49.4	18.3
	Aug.	51.1	-23.9	154.4	-9.8	62.1	31.5
	Sep.	45.5	-21.2	189.0	-7.3	46.6	-7.4
	Oct.	55.3	-15.3	160.5	-5.4	63.1	26.8
	Nov.	57.1	-16.2	154.3	-7.5	59.4	20.7
	Dec.	58.9	-23.4	159.3	-0.8	53.4	8.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat		**Pembuatan pewangi dan penyediaan dandanan diri**		**Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials**	
		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*	
Kod/ *Codes*		**20231**		**20232**		**20291**	
Wajaran/*Weight 2015*		**0.23**		**0.15**		**0.01**	
2022		92.5	-1.2	92.2	-6.1	240.7	15.0
2023		91.1	-1.5	103.0	11.7	261.2	8.5
2023	**Q1**	80.8	-18.6	107.0	11.7	252.6	7.8
	Q2	85.3	0.7	105.1	13.2	257.9	8.6
	Q3	105.2	7.1	103.9	16.4	264.5	8.7
	Q4	93.0	6.0	96.1	5.5	269.7	8.8
2024	**Q1**	87.6	8.4	94.7	-11.5	269.9	6.9
	Q2	90.2	5.7	91.5	-13.0	270.5	4.9
	Q3	107.2	1.9	102.0	-1.8	284.4	7.6
	Q4	97.0	4.3	96.9	0.9	286.0	6.0
2023	**(Jan.-Dis.)**	91.1	-1.5	103.0	11.7	261.2	8.5
2024	**(Jan.-Dis.)**	95.5	4.9	96.3	-6.6	277.7	6.3
2023	**Jan.**	80.4	-16.6	93.8	4.6	251.4	8.8
	Feb.	79.6	-18.7	109.4	17.0	252.5	7.7
	Mar.	82.4	-20.3	117.7	12.9	254.0	6.9
	Apr.	66.3	-18.5	96.9	1.1	255.9	8.6
	May	90.4	10.8	107.7	18.6	259.1	8.6
	Jun.	99.3	8.9	110.8	20.6	258.8	8.6
	Jul.	101.6	11.7	111.9	25.0	261.3	8.6
	Aug.	113.8	7.6	97.9	13.7	266.1	8.8
	Sep.	100.1	2.2	102.0	10.8	266.0	8.8
	Oct.	105.8	12.9	109.3	17.5	267.8	8.8
	Nov.	83.2	-0.3	85.8	-2.7	269.5	8.8
	Dec.	89.9	4.5	93.0	1.3	271.7	8.8
2024	**Jan.**	84.9	5.5	94.3	0.5	273.6	8.8
	Feb.	85.1	6.8	88.2	-19.3	266.6	5.6
	Mar.	93.0	12.8	101.4	-13.8	269.7	6.2
	Apr.	77.5	16.9	87.8	-9.5	265.1	3.6
	May	83.0	-8.2	89.6	-16.7	271.8	4.9
	Jun.	110.0	10.8	97.1	-12.4	274.6	6.1
	Jul.	98.1	-3.4	104.7	-6.5	279.3	6.9
	Aug.	118.1	3.7	98.7	0.9	286.5	7.7
	Sep.	105.3	5.2	102.7	0.6	287.5	8.1
	Oct.	120.8	14.2	116.9	6.9	283.2	5.8
	Nov.	92.8	11.5	89.0	3.7	285.9	6.1
	Dec.	77.4	-13.9	84.7	-8.9	288.8	6.3

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk kimia lain t.t.t.l.		**Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan**		**Pembuatan tayar getah untuk kenderaan**	
		Manufacture of other chemical products n.e.c.		*Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments*		*Manufacture of rubber tyres for vehicles*	
Kod/ *Codes*		**20299**		**21001**		**22111**	
Wajaran/*Weight 2015*		**0.43**		**0.30**		**0.17**	
2022		126.2	2.5	177.8	7.9	113.8	-7.4
2023		118.9	-5.8	176.9	-0.5	102.5	-9.9
2023	**Q1**	121.1	-1.6	172.5	8.5	109.3	-13.0
	Q2	117.8	-7.2	169.1	0.3	100.1	-14.1
	Q3	123.7	-4.2	184.9	-7.0	95.2	-15.4
	Q4	112.9	-10.3	181.2	-2.0	105.5	5.2
2024	**Q1**	101.1	-16.5	178.2	3.3	91.6	-16.2
	Q2	108.9	-7.6	182.0	7.6	86.6	-13.5
	Q3	117.2	-5.3	197.5	6.8	74.3	-22.0
	Q4	117.3	3.9	188.5	4.0	76.9	-27.2
2023	**(Jan.-Dis.)**	118.9	-5.8	176.9	-0.5	102.5	-9.9
2024	**(Jan.-Dis.)**	111.1	-6.5	186.6	5.4	82.3	-19.7
2023	**Jan.**	128.3	2.8	162.5	7.2	104.9	-16.1
	Feb.	125.4	4.2	177.2	11.5	106.6	-12.8
	Mar.	109.5	-11.6	177.9	6.9	116.2	-10.2
	Apr.	116.0	-9.9	172.2	4.5	94.9	-24.0
	May	115.8	-7.1	167.4	4.9	111.4	5.3
	Jun.	121.6	-4.5	167.6	-7.5	94.2	-21.0
	Jul.	130.2	-0.2	180.6	-5.9	100.6	-17.2
	Aug.	120.1	-6.2	182.6	-7.7	89.0	-22.4
	Sep.	120.9	-6.1	191.6	-7.4	96.2	-5.2
	Oct.	114.3	-10.1	194.7	-1.0	115.2	3.9
	Nov.	109.0	-10.7	162.1	-5.4	102.7	7.0
	Dec.	115.3	-10.2	186.7	0.1	98.6	4.9
2024	**Jan.**	113.0	-11.9	164.5	1.2	97.7	-6.9
	Feb.	101.8	-18.8	183.9	3.8	81.1	-24.0
	Mar.	88.5	-19.2	186.1	4.7	96.0	-17.4
	Apr.	104.1	-10.3	181.9	5.6	86.7	-8.6
	May	103.3	-10.7	177.5	6.0	93.2	-16.3
	Jun.	119.2	-1.9	186.7	11.3	79.8	-15.3
	Jul.	122.4	-6.0	197.0	9.1	72.9	-27.5
	Aug.	120.6	0.4	193.2	5.8	76.0	-14.5
	Sep.	108.7	-10.1	202.4	5.6	73.9	-23.2
	Oct.	117.9	3.1	197.5	1.4	82.1	-28.7
	Nov.	116.6	7.1	170.9	5.4	75.5	-26.5
	Dec.	117.4	1.8	197.1	5.6	73.0	-26.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup		**Pembuatan sarung tangan getah**		**Pengilangan semula getah dan prosesan susu getah**	
		Manufacture of interchangeable tyre treads and retreading rubber tyres		*Manufacture of rubber gloves*		*Rubber remilling and latex processing*	
Kod/ *Codes*		**22112**		**22192**		**22193**	
Wajaran/*Weight 2015*		**0.04**		**1.16**		**0.24**	
2022		118.2	5.5	227.9	-25.8	139.5	6.4
2023		106.5	-9.9	208.8	-8.4	133.8	-4.1
2023	**Q1**	124.8	9.5	215.2	-9.3	110.8	-7.5
	Q2	101.2	-7.3	215.3	-13.6	108.3	-12.9
	Q3	107.6	-18.5	210.3	-6.6	162.5	-3.5
	Q4	92.2	-21.6	194.3	-2.7	153.5	5.5
2024	**Q1**	95.0	-23.9	239.9	11.5	116.5	5.1
	Q2	95.7	-5.5	244.4	13.5	115.0	6.2
	Q3	112.1	4.2	254.6	21.1	155.6	-4.3
	Q4	92.9	0.7	235.0	21.0	137.3	-10.6
2023	**(Jan.-Dis.)**	106.5	-9.9	208.8	-8.4	133.8	-4.1
2024	**(Jan.-Dis.)**	98.9	-7.1	243.5	16.6	131.1	-2.0
2023	**Jan.**	115.4	13.1	206.9	-11.2	114.4	-0.9
	Feb.	113.7	-3.5	189.0	-9.5	106.9	-6.8
	Mar.	145.2	19.2	249.8	-7.4	111.1	-13.9
	Apr.	105.2	-8.3	231.0	-15.4	92.9	-21.8
	May	91.4	-11.2	206.3	-12.4	104.3	-15.8
	Jun.	107.1	-2.7	208.7	-12.8	127.6	-1.8
	Jul.	107.6	-11.6	212.5	-10.1	143.1	1.3
	Aug.	113.3	-15.4	217.1	-6.0	171.1	-8.3
	Sep.	102.0	-27.5	201.5	-3.4	173.3	-2.2
	Oct.	95.7	-17.8	189.7	-3.5	177.5	1.5
	Nov.	88.9	-21.6	181.6	-4.1	136.5	8.1
	Dec.	92.1	-25.1	211.5	-0.7	146.6	8.0
2024	**Jan.**	90.3	-21.7	236.6	14.4	124.4	8.8
	Feb.	87.6	-22.9	215.0	13.8	110.3	3.2
	Mar.	107.0	-26.3	268.1	7.3	114.8	3.3
	Apr.	90.0	-14.4	258.5	11.9	92.8	0.0
	May	92.8	1.5	235.9	14.3	112.8	8.1
	Jun.	104.2	-2.7	238.9	14.5	139.3	9.2
	Jul.	115.1	6.9	255.9	20.4	143.9	0.6
	Aug.	118.1	4.2	261.9	20.7	174.8	2.2
	Sep.	103.2	1.1	246.0	22.1	148.0	-14.6
	Oct.	94.9	-0.8	235.5	24.2	157.7	-11.2
	Nov.	89.2	0.3	222.3	22.4	123.1	-9.8
	Dec.	94.5	2.7	247.3	16.9	131.2	-10.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk getah lain yang t.t.t.l.		**Pembuatan produk plastik separa siap**		**Pembuatan produk plastik siap**	
		Manufacture of other rubber products n.e.c.		*Manufacture of semi-manufactures of plastic products*		*Manufacture of finished plastic products*	
Kod/ *Codes*		**22199**		**22201**		**22202**	
Wajaran/*Weight 2015*		**0.37**		**0.36**		**0.17**	
2022		140.0	7.2	177.6	15.4	96.2	-7.2
2023		141.8	1.3	155.4	-12.5	106.3	10.5
2023	**Q1**	131.9	-3.7	155.4	-11.0	120.0	7.3
	Q2	142.8	7.9	159.9	-9.1	98.5	9.6
	Q3	150.1	5.6	155.2	-19.3	98.3	16.8
	Q4	142.5	-4.1	150.9	-10.0	108.4	9.5
2024	**Q1**	112.2	-14.9	171.2	10.1	126.9	5.8
	Q2	125.8	-11.9	171.4	7.2	119.5	21.3
	Q3	133.0	-11.4	178.8	15.2	108.6	10.5
	Q4	148.7	4.4	185.6	23.0	111.9	3.3
2023	**(Jan.-Dis.)**	141.8	1.3	155.4	-12.5	106.3	10.5
2024	**(Jan.-Dis.)**	129.9	-8.4	176.7	13.8	116.7	9.8
2023	**Jan.**	134.2	-1.4	151.8	-14.4	112.9	6.2
	Feb.	135.2	-0.4	162.9	-16.2	135.4	15.4
	Mar.	126.1	-9.3	151.6	-0.5	111.6	-0.3
	Apr.	150.4	2.8	140.3	-15.7	93.7	6.8
	May	129.6	4.6	183.9	18.2	103.6	16.6
	Jun.	148.5	17.1	155.5	-24.5	98.3	5.6
	Jul.	143.2	6.2	159.3	-23.3	99.9	19.9
	Aug.	144.8	2.7	139.0	-24.4	98.6	18.0
	Sep.	162.3	7.8	167.3	-9.8	96.5	12.6
	Oct.	177.1	6.9	131.6	-20.2	100.0	9.9
	Nov.	129.2	-5.0	172.1	-3.8	111.6	11.8
	Dec.	121.1	-15.9	149.0	-6.2	113.6	6.8
2024	**Jan.**	118.3	-11.9	157.4	3.7	124.1	9.9
	Feb.	113.8	-15.8	182.9	12.3	131.7	-2.8
	Mar.	104.6	-17.0	173.3	14.3	124.9	11.9
	Apr.	138.1	-8.2	160.5	14.4	99.6	6.3
	May	112.0	-13.6	188.4	2.5	132.5	27.9
	Jun.	127.4	-14.2	165.4	6.4	126.3	28.5
	Jul.	129.6	-9.5	183.4	15.1	125.1	25.2
	Aug.	128.6	-11.2	159.6	14.8	106.5	8.0
	Sep.	140.9	-13.2	193.3	15.5	94.3	-2.2
	Oct.	185.4	4.7	165.5	25.7	102.5	2.5
	Nov.	133.9	3.7	215.9	25.4	112.9	1.1
	Dec.	126.6	4.6	175.4	17.7	120.4	6.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan artikel plastik untuk pembungkusan barangan		**Pembuatan barangan plastik jurubina**		**Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik**	
		Manufacture of plastic articles for the packing of goods		*Manufacture of builders' plastics ware*		*Manufacture of plastic tableware, kitchenware and toilet articles*	
Kod/ *Codes*		**22203**		**22204**		**22205**	
Wajaran/*Weight 2015*		**0.62**		**0.07**		**0.17**	
2022		145.2	4.8	119.7	-7.6	76.2	-13.6
2023		144.7	-0.3	106.2	-11.3	69.6	-8.7
2023	**Q1**	116.6	-13.6	117.3	-10.8	63.1	-18.2
	Q2	136.8	-3.6	103.3	-14.0	75.0	-10.1
	Q3	174.0	4.8	108.0	-13.6	77.9	-8.6
	Q4	151.4	9.9	96.0	-6.1	62.4	5.5
2024	**Q1**	125.0	7.2	117.5	0.2	63.3	0.2
	Q2	141.9	3.8	102.2	-1.0	63.6	-15.2
	Q3	173.9	0.0	115.7	7.1	68.0	-12.7
	Q4	152.6	0.8	105.7	10.0	57.0	-8.5
2023	**(Jan.-Dis.)**	144.7	-0.3	106.2	-11.3	69.6	-8.7
2024	**(Jan.-Dis.)**	148.4	2.5	110.3	3.9	63.0	-9.5
2023	**Jan.**	120.9	-12.7	113.8	-21.6	62.0	-23.6
	Feb.	120.7	-8.9	124.2	2.3	61.8	-20.2
	Mar.	108.1	-19.3	113.8	-11.0	65.6	-10.0
	Apr.	116.8	-14.0	105.9	-12.9	72.5	-3.9
	May	128.9	1.3	111.0	-5.7	62.9	-18.4
	Jun.	164.6	1.3	93.0	-23.2	89.5	-8.3
	Jul.	180.5	8.9	96.7	-17.8	96.2	-7.0
	Aug.	170.7	4.4	115.4	-14.5	78.0	-17.8
	Sep.	170.7	1.2	112.0	-8.6	59.5	3.5
	Oct.	165.3	10.5	102.2	0.9	57.7	2.3
	Nov.	156.7	11.7	98.8	-9.4	63.9	6.6
	Dec.	132.2	7.1	87.0	-9.7	65.4	7.3
2024	**Jan.**	131.9	9.1	112.1	-1.5	66.2	6.8
	Feb.	129.1	6.9	123.8	-0.3	62.5	1.2
	Mar.	113.9	5.3	116.7	2.5	61.1	-6.9
	Apr.	123.6	5.8	94.6	-10.7	61.0	-15.8
	May	130.5	1.3	112.6	1.4	58.7	-6.6
	Jun.	171.7	4.3	99.6	7.1	71.1	-20.6
	Jul.	184.2	2.1	95.9	-0.8	80.7	-16.1
	Aug.	176.7	3.5	123.3	6.8	67.9	-12.9
	Sep.	160.8	-5.8	127.8	14.1	55.3	-6.9
	Oct.	168.2	1.8	110.8	8.4	52.8	-8.6
	Nov.	159.0	1.5	110.9	12.3	58.9	-7.9
	Dec.	130.8	-1.1	95.2	9.5	59.5	-9.1

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan pelbagai produk plastik t.t.t.l.		**Pembuatan kaca leper, termasuk kaca leper berdawai, berwarna atau sedikit berwarna**		**Pembuatan produk kaca lain t.t.t.l.**	
		Manufacture of diverse plastic products n.e.c.		*Manufacture of flat glass, including wired, coloured or tinted flat glass*		*Manufacture of other glass products n.e.c.*	
Kod/ *Codes*		**22209**		**23101**		**23109**	
Wajaran/*Weight 2015*		**0.86**		**0.15**		**0.23**	
2022		128.3	-0.5	123.1	5.0	103.3	10.1
2023		128.3	0.0	131.1	6.5	97.9	-5.2
2023	**Q1**	113.5	-5.6	124.4	0.6	85.1	-18.2
	Q2	115.1	0.2	123.1	8.1	76.4	-20.6
	Q3	142.8	4.0	139.9	10.1	107.3	3.0
	Q4	141.6	0.6	136.8	7.1	122.9	12.9
2024	**Q1**	111.5	-1.8	119.4	-4.1	102.9	20.9
	Q2	119.1	3.5	120.2	-2.4	92.2	20.7
	Q3	155.3	8.7	123.5	-11.7	137.3	27.9
	Q4	150.1	6.0	116.7	-14.7	149.1	21.3
2023	**(Jan.-Dis.)**	128.3	0.0	131.1	6.5	97.9	-5.2
2024	**(Jan.-Dis.)**	134.0	4.5	120.0	-8.5	120.4	22.9
2023	**Jan.**	112.8	-10.5	124.2	-0.3	82.9	-17.7
	Feb.	111.5	-6.7	125.3	6.2	83.6	-12.8
	Mar.	116.2	0.8	123.7	-3.6	89.0	-23.1
	Apr.	102.1	-3.7	123.2	11.0	79.6	-21.1
	May	102.5	-2.1	120.2	9.3	75.6	-21.1
	Jun.	140.8	5.1	125.9	4.4	73.9	-19.6
	Jul.	136.6	2.5	130.6	3.5	82.0	-20.8
	Aug.	152.0	8.0	145.6	11.7	118.2	12.8
	Sep.	139.9	1.4	143.3	15.0	121.7	16.7
	Oct.	145.4	3.3	145.7	10.9	138.0	19.2
	Nov.	144.1	-1.8	131.0	7.4	127.7	18.1
	Dec.	135.2	0.4	133.7	3.1	103.0	0.3
2024	**Jan.**	122.8	8.9	125.2	0.8	99.5	20.1
	Feb.	104.7	-6.1	122.4	-2.4	103.5	23.8
	Mar.	106.9	-8.0	110.6	-10.6	105.7	18.8
	Apr.	108.1	5.9	116.5	-5.4	96.6	21.3
	May	106.8	4.2	116.7	-2.9	91.2	20.7
	Jun.	142.4	1.2	127.3	1.1	88.7	20.0
	Jul.	151.2	10.6	117.6	-9.9	102.2	24.7
	Aug.	165.3	8.8	133.7	-8.2	152.1	28.7
	Sep.	149.4	6.8	119.2	-16.8	157.5	29.4
	Oct.	152.3	4.8	122.1	-16.2	178.5	29.3
	Nov.	156.2	8.4	111.3	-15.1	149.8	17.3
	Dec.	141.7	4.8	116.8	-12.6	118.9	15.5

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan seramik bukan refraktori		**Pembuatan produk porselin dan seramik lain**		**Pembuatan simen hidraulik**	
		Manufacture of non-refractory ceramic		*Manufacture of other porcelain and ceramic products*		*Manufacture of hydraulic cement*	
Kod/ *Codes*		**23921**		**23930**		**23941**	
Wajaran/*Weight 2015*		**0.23**		**0.07**		**0.74**	
2022		67.0	-16.6	105.8	5.3	120.8	6.2
2023		73.9	10.2	90.7	-14.3	134.4	11.3
2023	**Q1**	68.1	4.0	93.7	-9.4	172.3	0.3
	Q2	71.4	24.0	94.5	-14.3	101.1	18.2
	Q3	70.5	13.6	95.2	-18.1	90.9	16.6
	Q4	85.5	3.1	79.3	-15.1	173.2	17.2
2024	**Q1**	63.8	-6.2	88.0	-6.1	205.1	19.0
	Q2	81.2	13.7	93.6	-1.0	139.6	38.1
	Q3	75.0	6.5	101.5	6.7	125.5	38.0
	Q4	88.4	3.4	84.1	6.1	215.3	24.3
2023	**(Jan.-Dis.)**	73.9	10.2	90.7	-14.3	134.4	11.3
2024	**(Jan.-Dis.)**	77.1	4.4	91.8	1.2	171.4	27.5
2023	**Jan.**	76.4	15.7	94.7	-10.9	169.4	-10.3
	Feb.	65.2	16.8	96.1	-8.9	169.9	1.3
	Mar.	62.6	-16.1	90.3	-8.2	177.7	11.8
	Apr.	65.7	22.5	101.5	-13.7	138.2	5.6
	May	71.0	23.1	98.2	-6.7	86.9	31.3
	Jun.	77.5	26.3	83.9	-22.3	78.3	31.5
	Jul.	73.1	23.5	92.9	-20.5	68.7	30.7
	Aug.	70.9	5.5	98.6	-17.3	97.8	12.8
	Sep.	67.4	12.9	94.0	-16.5	106.3	12.2
	Oct.	75.1	5.0	83.3	-14.4	133.4	13.6
	Nov.	104.5	4.3	75.3	-17.1	177.6	19.8
	Dec.	77.0	-0.3	79.2	-13.8	208.7	17.4
2024	**Jan.**	64.9	-15.0	83.5	-11.7	202.1	19.3
	Feb.	62.9	-3.5	98.6	2.5	194.9	14.7
	Mar.	63.6	1.6	81.9	-9.2	218.3	22.8
	Apr.	77.6	18.0	96.1	-5.3	192.0	39.0
	May	82.3	16.0	91.2	-7.1	120.8	39.0
	Jun.	83.8	8.1	93.4	11.3	106.1	35.4
	Jul.	83.9	14.7	95.9	3.1	94.2	37.1
	Aug.	74.8	5.5	106.4	7.9	134.8	37.8
	Sep.	66.5	-1.4	102.4	8.9	147.5	38.8
	Oct.	75.7	0.8	89.5	7.4	177.4	33.0
	Nov.	105.8	1.3	80.4	6.8	218.5	23.0
	Dec.	83.8	8.8	82.3	3.9	250.2	19.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kapur dan plaster		**Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering**		**Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan**	
		Manufacture of lime and plaster		*Manufacture of ready-mix and dry-mix concrete and mortars*		*Manufacture of precast concrete, cement or artificial stone articles for use in construction*	
Kod/ *Codes*		**23942**		**23951**		**23952**	
Wajaran/*Weight 2015*		**0.09**		**0.36**		**0.38**	
2022		102.5	6.8	178.5	24.0	92.9	19.7
2023		125.6	22.6	186.8	4.6	94.8	2.1
2023	**Q1**	111.1	17.4	187.2	23.8	91.4	3.2
	Q2	110.2	26.9	153.1	-7.3	84.3	-1.9
	Q3	122.4	26.3	208.6	7.4	101.2	3.1
	Q4	158.8	20.7	198.2	-2.6	102.2	3.5
2024	**Q1**	123.0	10.8	187.7	0.3	87.0	-4.8
	Q2	127.0	15.2	147.2	-3.8	81.7	-3.1
	Q3	148.5	21.3	215.0	3.0	88.0	-13.0
	Q4	176.1	10.9	178.9	-9.7	81.6	-20.2
2023	**(Jan.-Dis.)**	125.6	22.6	186.8	4.6	94.8	2.1
2024	**(Jan.-Dis.)**	143.7	14.3	182.2	-2.4	84.6	-10.8
2023	**Jan.**	117.2	16.0	216.3	29.3	91.4	6.3
	Feb.	107.2	15.1	162.5	27.7	93.4	3.3
	Mar.	108.8	21.5	182.7	14.9	89.5	0.2
	Apr.	101.8	29.5	144.6	-6.2	89.6	4.5
	May	122.0	35.8	139.1	-16.3	70.5	-13.7
	Jun.	106.9	16.0	175.6	0.4	92.9	2.8
	Jul.	117.9	25.8	175.6	-1.4	105.9	11.5
	Aug.	128.2	26.9	211.7	2.9	97.6	-1.1
	Sep.	121.2	26.1	238.6	19.8	100.1	-0.8
	Oct.	169.2	33.8	237.0	5.9	116.5	3.4
	Nov.	154.7	18.4	166.6	-11.5	96.5	1.9
	Dec.	152.5	10.8	191.1	-3.7	93.7	5.2
2024	**Jan.**	133.6	14.0	213.2	-1.4	93.5	2.2
	Feb.	117.0	9.1	159.3	-2.0	87.5	-6.4
	Mar.	118.5	8.9	190.6	4.3	80.2	-10.4
	Apr.	114.3	12.3	131.9	-8.8	83.6	-6.7
	May	136.3	11.7	141.6	1.8	67.6	-4.2
	Jun.	130.4	22.0	168.3	-4.2	94.1	1.3
	Jul.	147.2	24.9	207.4	18.1	95.8	-9.6
	Aug.	153.6	19.9	213.4	0.8	84.7	-13.2
	Sep.	144.7	19.4	224.0	-6.1	83.6	-16.4
	Oct.	185.7	9.8	227.0	-4.2	90.5	-22.3
	Nov.	170.0	9.9	145.1	-12.9	74.8	-22.5
	Dec.	172.5	13.1	164.7	-13.8	79.6	-15.1

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan		**Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.**		**Pembuatan produk mineral bukan logam lain t.t.t.l.**	
		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.*		*Manufacture of other non-metallic mineral products n.e.c.*	
Kod/ *Codes*		**23953**		**23959**		**23990**	
Wajaran/*Weight 2015*		**0.18**		**0.19**		**0.21**	
2022		87.9	-3.8	108.4	13.2	95.7	-3.7
2023		86.0	-2.2	99.5	-8.3	92.2	-3.7
2023	**Q1**	92.9	-5.1	125.2	-7.4	107.6	6.6
	Q2	82.2	-9.5	101.5	10.8	74.8	-10.5
	Q3	82.6	-3.2	77.3	-15.5	81.5	-10.0
	Q4	86.3	11.1	93.9	-18.7	104.7	-3.0
2024	**Q1**	104.0	11.9	85.3	-31.9	111.7	3.8
	Q2	87.9	6.9	77.9	-23.2	76.4	2.1
	Q3	76.2	-7.8	66.8	-13.6	83.7	2.7
	Q4	70.8	-18.0	84.3	-10.2	101.1	-3.5
2023	**(Jan.-Dis.)**	86.0	-2.2	99.5	-8.3	92.2	-3.7
2024	**(Jan.-Dis.)**	84.7	-1.5	78.6	-21.0	93.2	1.1
2023	**Jan.**	77.4	-9.2	131.8	-9.4	105.3	3.5
	Feb.	95.1	-11.9	131.0	-10.2	113.8	18.4
	Mar.	106.3	5.6	112.7	-1.1	103.6	-1.0
	Apr.	92.4	-6.2	109.6	11.5	98.0	-5.4
	May	88.3	4.0	103.1	23.7	62.4	-13.8
	Jun.	66.0	-25.9	91.7	-1.4	64.1	-14.3
	Jul.	78.9	-10.4	68.7	-19.7	66.3	-14.7
	Aug.	76.7	-2.9	72.1	-16.0	89.8	-9.6
	Sep.	92.2	3.7	91.0	-11.4	88.4	-6.5
	Oct.	86.1	3.1	87.9	-20.1	99.5	-9.4
	Nov.	90.7	17.2	103.4	-9.5	111.1	3.7
	Dec.	82.0	13.8	90.5	-26.0	103.6	-3.1
2024	**Jan.**	93.3	20.5	92.2	-30.0	109.1	3.6
	Feb.	114.2	20.2	88.6	-32.4	118.0	3.7
	Mar.	104.4	-1.8	75.0	-33.4	107.8	4.0
	Apr.	96.9	4.9	77.3	-29.5	96.4	-1.6
	May	96.2	9.0	73.2	-29.0	66.7	6.9
	Jun.	70.6	7.0	83.3	-9.2	66.1	3.2
	Jul.	77.9	-1.2	63.3	-8.0	69.5	4.8
	Aug.	69.3	-9.6	60.8	-15.7	93.2	3.8
	Sep.	81.3	-11.9	76.3	-16.1	88.4	0.0
	Oct.	68.0	-21.0	75.4	-14.2	98.2	-1.3
	Nov.	76.1	-16.1	93.8	-9.3	106.5	-4.2
	Dec.	68.3	-16.8	83.9	-7.3	98.6	-4.9

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pengeluaran jongkong besi dan spiegeleisen dalam bentuk jongkong, blok atau dalam bentuk asal lain		**Pembuatan batang dan rod keluli tahan karat atau keluli aloi lain**		**Pembuatan tiub tidak berkelim, dengan penggelekan, picitan atau tempaan panas, atau dengan tempaan atau penggelekan sejuk**	
		Production of pig iron and spiegeleisen in pigs, blocks or other primary forms		*Production of bars and rods of stainless steel or other alloy steel*		*Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling*	
Kod/ *Codes*		**24101**		**24102**		**24103**	
Wajaran/*Weight 2015*		**0.23**		**0.79**		**0.11**	
2022		107.6	4.3	141.3	8.2	81.7	-1.1
2023		123.1	14.4	153.5	8.7	75.9	-7.2
2023	**Q1**	132.8	8.4	151.0	14.7	93.3	1.6
	Q2	108.0	30.1	159.1	19.2	66.0	-9.8
	Q3	114.0	11.8	140.9	-3.3	69.0	-6.7
	Q4	137.6	12.0	163.2	5.7	75.3	-14.6
2024	**Q1**	158.5	19.4	156.8	3.9	75.8	-18.7
	Q2	111.3	3.0	177.4	11.5	50.5	-23.4
	Q3	123.2	8.0	161.1	14.4	59.2	-14.1
	Q4	137.2	-0.3	171.6	5.2	65.4	-13.1
2023	**(Jan.-Dis.)**	123.1	14.4	153.5	8.7	75.9	-7.2
2024	**(Jan.-Dis.)**	132.6	7.7	166.8	8.6	62.8	-17.3
2023	**Jan.**	117.5	-4.0	139.6	4.4	114.2	14.6
	Feb.	138.6	10.3	149.1	22.0	89.9	-0.1
	Mar.	142.3	18.9	164.3	18.3	75.8	-11.7
	Apr.	123.5	51.7	163.4	10.7	51.4	-25.1
	May	101.0	21.8	168.6	31.3	73.7	-7.1
	Jun.	99.5	17.4	145.3	16.7	72.9	2.1
	Jul.	104.6	10.3	124.9	-1.8	58.8	-13.7
	Aug.	122.3	11.9	147.1	-4.9	62.7	-9.0
	Sep.	115.2	13.1	150.7	-2.9	85.4	0.9
	Oct.	122.8	14.1	156.4	-1.9	72.4	-5.0
	Nov.	143.3	13.0	170.9	7.5	73.1	-14.6
	Dec.	146.6	9.2	162.2	12.0	80.4	-21.6
2024	**Jan.**	131.6	12.0	154.1	10.4	93.4	-18.2
	Feb.	169.1	22.0	152.2	2.1	73.7	-18.0
	Mar.	174.9	22.9	164.2	0.0	60.5	-20.2
	Apr.	121.3	-1.8	184.2	12.7	41.8	-18.8
	May	106.3	5.3	182.0	7.9	55.3	-25.0
	Jun.	106.2	6.7	166.2	14.4	54.6	-25.1
	Jul.	112.6	7.6	145.5	16.5	49.0	-16.7
	Aug.	133.9	9.5	168.4	14.5	60.2	-4.0
	Sep.	123.1	6.9	169.5	12.5	68.5	-19.8
	Oct.	124.0	1.0	169.0	8.1	62.5	-13.7
	Nov.	143.4	0.1	182.2	6.6	64.3	-12.1
	Dec.	144.2	-1.7	163.6	0.9	69.5	-13.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk besi asas dan keluli lain t.t.t.l.		**Peleburan timah; Pengeluaran aluminium daripada alumina; & Pembuatan logam asas berharga dan logam bukan ferus lain t.t.t.l.**		**Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam**	
		Manufacture of other basic iron and steel products n.e.c.		*Tin smelting; Production of aluminium from alumina; & Manufacture of other basic precious and other non-ferrous metal n.e.c*		*Manufacture of metal doors, windows and their frames, shutters and gates*	
Kod/ *Codes*		**24109**		**24201, 24202 & 24209**		**25113**	
Wajaran/*Weight 2015*		**0.33**		**0.71**		**0.32**	
2022		100.2	6.2	121.0	7.3	104.9	-2.4
2023		88.1	-12.1	120.8	-0.1	107.6	2.6
2023	**Q1**	86.6	-19.6	100.0	-21.7	113.4	-4.2
	Q2	79.8	-22.1	105.6	-10.0	96.8	2.6
	Q3	96.8	-0.9	105.1	-10.2	99.6	8.2
	Q4	89.2	-4.0	112.2	-7.9	120.7	5.1
2024	**Q1**	89.4	3.3	116.2	16.2	113.9	0.4
	Q2	84.0	5.2	113.5	7.5	100.4	3.7
	Q3	96.5	-0.3	136.3	29.6	101.1	1.5
	Q4	82.1	-8.0	126.6	12.9	127.1	5.2
2023	**(Jan.-Dis.)**	88.1	-12.1	120.8	-0.1	107.6	2.6
2024	**(Jan.-Dis.)**	88.0	-0.1	123.1	1.9	110.6	2.7
2023	**Jan.**	80.0	-27.3	115.6	-10.7	113.9	-5.4
	Feb.	90.4	-13.2	119.5	-6.9	114.3	-5.9
	Mar.	89.2	-18.0	118.3	-5.6	112.2	-1.0
	Apr.	79.8	-27.7	115.5	-2.8	84.9	-7.8
	May	75.7	-23.0	101.4	-13.3	98.9	6.5
	Jun.	83.9	-15.1	108.8	-6.1	106.6	8.8
	Jul.	96.5	0.5	121.3	8.0	102.9	23.7
	Aug.	89.4	-2.8	132.4	10.2	95.4	2.6
	Sep.	104.5	-0.5	144.1	21.2	100.5	0.6
	Oct.	97.4	-1.1	135.3	10.5	122.5	6.6
	Nov.	105.2	10.2	121.6	-1.2	111.7	4.4
	Dec.	65.1	-23.3	115.7	-3.3	128.0	4.3
2024	**Jan.**	80.9	1.1	110.7	-4.2	125.2	9.9
	Feb.	95.9	6.0	115.1	-3.7	106.9	-6.4
	Mar.	91.4	2.4	122.7	3.7	109.4	-2.4
	Apr.	82.7	3.7	121.5	5.2	93.2	9.7
	May	81.5	7.7	105.5	4.0	100.2	1.3
	Jun.	87.7	4.5	113.4	4.2	107.9	1.2
	Jul.	107.7	11.6	127.6	5.2	104.7	1.8
	Aug.	86.4	-3.4	133.7	1.0	95.8	0.5
	Sep.	95.5	-8.7	147.5	2.4	102.7	2.2
	Oct.	88.2	-9.4	134.7	-0.5	128.8	5.2
	Nov.	95.7	-9.0	123.0	1.1	118.3	5.9
	Dec.	62.4	-4.2	122.2	5.6	134.0	4.7

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	Indeks/ *Index*	% Perubahan tahun ke tahun/ *change year-on-year*	Indeks/ *Index*	% Perubahan tahun ke tahun/ *change year-on-year*	Indeks/ *Index*	% Perubahan tahun ke tahun/ *change year-on-year*	Indeks/ *Index*	% Perubahan tahun ke tahun/ *change year-on-year*
		Pembuatan produk struktur logam lain		**Pembuatan tangki, takungan dan kontena daripada logam**		**Tempaan, tekanan, hentakan dan bentuk gelekan logam; serbuk metalurgi**		**Rawatan dan penyalutan logam; menggunakan mesin**	
		Manufacture of other structural metal products		*Manufacture of tanks, reservoirs and containers of metal*		*Forging, pressing, stamping and roll-forming of metal; powder metallurgy*		*Treatment and coating of metals; machining*	
Kod/ *Codes*		**25119**		**25120**		**25910**		**25920**	
Wajaran/*Weight 2015*		**0.54**		**0.31**		**0.32**		**0.25**	
2022		121.4	7.7	131.5	15.9	101.1	4.5	141.8	19.2
2023		129.3	6.5	152.7	16.1	116.1	14.9	170.4	20.2
2023	**Q1**	144.7	15.2	168.1	18.6	108.1	-3.0	179.4	21.8
	Q2	112.9	5.4	152.1	31.6	108.6	10.9	129.8	25.3
	Q3	123.6	1.7	125.3	4.8	129.1	27.9	145.7	21.3
	Q4	136.0	3.6	165.4	10.9	118.8	26.3	226.9	15.6
2024	**Q1**	161.6	11.7	167.5	-0.4	133.2	23.3	228.5	27.4
	Q2	125.6	11.2	175.0	15.0	138.3	27.4	173.1	33.3
	Q3	135.4	9.5	126.5	1.0	153.3	18.8	193.9	33.1
	Q4	152.2	11.9	169.0	2.2	115.9	-2.4	272.1	19.9
2023	**(Jan.-Dis.)**	129.3	6.5	152.7	16.1	116.1	14.9	170.4	20.2
2024	**(Jan.-Dis.)**	143.7	11.1	159.5	4.4	135.2	16.4	216.9	27.3
2023	**Jan.**	143.7	4.0	198.7	15.7	115.9	-7.9	234.0	18.4
	Feb.	145.1	28.9	150.0	24.0	96.8	-8.6	159.7	15.0
	Mar.	145.3	15.2	155.6	17.5	111.6	8.9	144.5	37.3
	Apr.	132.1	20.9	138.9	22.9	101.4	4.8	122.2	25.6
	May	106.4	2.6	162.9	39.4	113.5	15.6	142.4	35.8
	Jun.	100.4	-7.5	154.6	32.1	110.9	12.2	124.7	14.8
	Jul.	105.3	-7.7	132.5	21.8	109.3	26.5	108.2	14.5
	Aug.	136.8	5.4	109.2	-3.6	120.6	27.6	127.2	12.9
	Sep.	128.9	6.6	134.1	-1.8	157.2	29.1	201.6	31.8
	Oct.	121.7	2.4	152.3	11.6	119.0	26.3	234.5	12.3
	Nov.	134.2	2.7	175.6	14.2	120.0	26.5	235.1	17.8
	Dec.	152.0	5.5	168.2	7.2	117.5	26.0	211.0	16.9
2024	**Jan.**	155.7	8.4	197.5	-0.6	150.3	29.8	287.9	23.0
	Feb.	162.6	12.1	155.8	3.8	110.1	13.6	197.6	23.7
	Mar.	166.4	14.5	149.1	-4.1	139.4	24.9	200.1	38.5
	Apr.	141.8	7.4	166.0	19.5	128.4	26.7	169.9	39.0
	May	117.0	9.9	177.3	8.8	145.1	27.8	175.0	22.9
	Jun.	118.1	17.6	181.8	17.6	141.5	27.6	174.2	39.7
	Jul.	111.1	5.5	137.1	3.5	130.8	19.6	151.4	40.0
	Aug.	151.8	11.0	113.4	3.9	142.2	17.8	180.4	41.9
	Sep.	143.3	11.2	129.0	-3.8	186.9	18.9	249.9	23.9
	Oct.	140.3	15.3	145.1	-4.7	113.3	-4.8	260.0	10.9
	Nov.	145.7	8.6	181.4	3.3	117.8	-1.8	296.3	26.1
	Dec.	170.4	12.1	180.3	7.2	116.8	-0.6	259.8	23.1

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat		**Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam**		**Pembuatan bolt, skru, nat dan produk uliran seumpamanya**	
		Manufacture of tins and cans for food products, collapsible tubes and boxes		*Manufacture of metal cable, plaited bands and similar articles*		*Manufacture of bolts, screws, nuts and similar threaded products*	
Kod/ *Codes*		**25991**		**25992**		**25993**	
Wajaran/*Weight 2015*		**0.41**		**0.35**		**0.31**	
2022		89.6	-4.1	92.5	9.0	97.3	-10.7
2023		87.0	-2.8	94.1	1.8	99.2	1.9
2023	**Q1**	94.2	-5.0	85.1	-6.0	92.1	-15.4
	Q2	69.4	-21.6	91.9	5.6	91.5	-6.0
	Q3	86.7	5.9	102.5	7.6	104.1	8.4
	Q4	97.9	10.4	96.9	-0.2	108.8	25.5
2024	**Q1**	101.7	8.0	90.2	6.0	104.5	13.4
	Q2	71.3	2.8	98.8	7.5	105.6	15.4
	Q3	83.3	-3.9	107.2	4.6	108.8	4.4
	Q4	93.4	-4.6	90.8	-6.3	97.3	-10.6
2023	**(Jan.-Dis.)**	87.0	-2.8	94.1	1.8	99.2	1.9
2024	**(Jan.-Dis.)**	87.4	0.4	96.7	2.8	104.0	4.9
2023	**Jan.**	93.0	-12.9	95.4	-5.3	104.7	-15.5
	Feb.	94.9	-1.8	76.5	-2.2	82.6	-12.0
	Mar.	94.6	0.6	83.3	-9.8	89.1	-18.2
	Apr.	76.3	-10.2	82.7	0.9	82.5	-15.4
	May	48.8	-46.1	94.4	8.2	97.9	1.4
	Jun.	83.0	-7.8	98.6	7.4	94.2	-4.0
	Jul.	83.2	4.0	114.0	17.8	83.7	-14.5
	Aug.	88.3	5.1	98.4	1.6	111.3	20.2
	Sep.	88.5	8.8	94.9	3.1	117.4	20.0
	Oct.	95.6	12.3	84.3	-0.9	101.5	22.5
	Nov.	97.2	9.5	110.0	7.9	116.3	27.5
	Dec.	101.0	9.5	96.4	-7.4	108.5	26.3
2024	**Jan.**	105.1	13.0	99.2	4.0	120.3	14.9
	Feb.	97.6	2.9	82.4	7.7	94.8	14.7
	Mar.	102.4	8.2	88.9	6.7	98.4	10.5
	Apr.	84.2	10.3	87.4	5.7	95.6	15.9
	May	53.5	9.5	99.8	5.7	110.9	13.2
	Jun.	76.3	-8.1	109.2	10.7	110.3	17.1
	Jul.	79.7	-4.3	119.7	5.0	91.2	8.9
	Aug.	83.3	-5.7	107.8	9.5	114.2	2.6
	Sep.	86.8	-1.9	94.0	-0.9	120.9	3.0
	Oct.	92.0	-3.8	77.0	-8.7	95.7	-5.8
	Nov.	89.0	-8.4	102.1	-7.2	103.1	-11.4
	Dec.	99.3	-1.6	93.3	-3.2	93.2	-14.1

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk lain yang direka daripada logam t.t.t.l.		**Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya**		**Pembuatan litar elektronik bersepadu dengan pemasangan mikro**	
		Manufacture of any other fabricated metal products n.e.c.		*Manufacture of diodes, transistors and similar semiconductor devices*		*Manufacture of electronic integrated circuits micro assemblies*	
Kod/ *Codes*		**25999**		**26101**		**26102**	
Wajaran/*Weight 2015*		**0.45**		**3.25**		**1.76**	
2022		141.5	15.8	176.8	13.9	204.4	17.0
2023		144.0	1.7	167.8	-5.1	164.8	-19.4
2023	**Q1**	127.9	-7.1	167.4	6.0	138.6	-10.5
	Q2	140.3	4.2	163.1	-5.1	190.9	-18.1
	Q3	150.0	6.3	168.5	-7.8	193.6	-16.3
	Q4	157.8	3.2	172.1	-11.6	136.1	-31.3
2024	**Q1**	151.0	18.1	166.3	-0.6	103.8	-25.1
	Q2	150.4	7.2	169.4	3.8	139.9	-26.7
	Q3	177.8	18.6	177.5	5.3	161.8	-16.4
	Q4	185.9	17.8	179.9	4.5	93.7	-31.1
2023	**(Jan.-Dis.)**	144.0	1.7	167.8	-5.1	164.8	-19.4
2024	**(Jan.-Dis.)**	166.3	15.5	173.3	3.3	124.8	-24.3
2023	**Jan.**	134.8	-7.3	181.6	11.7	156.2	-6.5
	Feb.	128.2	-0.3	151.4	6.7	107.9	-13.8
	Mar.	120.7	-13.0	169.0	0.0	151.7	-11.9
	Apr.	122.3	-15.4	144.1	-9.8	158.8	-20.7
	May	164.2	28.2	153.6	-5.4	176.2	-19.9
	Jun.	134.3	2.4	191.7	-1.0	237.8	-14.8
	Jul.	134.2	9.0	151.1	-13.7	195.3	-14.1
	Aug.	137.6	9.0	169.1	-8.0	196.2	-17.4
	Sep.	178.1	2.5	185.2	-2.1	189.4	-17.3
	Oct.	192.5	-2.1	165.0	-12.9	154.8	-27.1
	Nov.	138.3	-3.1	176.0	-14.8	121.1	-32.3
	Dec.	142.6	19.4	175.4	-6.8	132.4	-34.8
2024	**Jan.**	165.0	22.4	180.5	-0.6	117.7	-24.7
	Feb.	144.5	12.8	154.9	2.3	82.1	-23.9
	Mar.	143.5	18.9	163.7	-3.2	111.6	-26.5
	Apr.	142.1	16.1	122.6	-14.9	110.8	-30.2
	May	159.1	-3.1	171.4	11.6	154.5	-12.3
	Jun.	150.0	11.7	214.1	11.7	154.3	-35.1
	Jul.	153.4	14.3	171.3	13.4	151.9	-22.3
	Aug.	160.6	16.7	179.1	5.9	171.0	-12.8
	Sep.	219.5	23.3	182.0	-1.7	162.6	-14.1
	Oct.	237.7	23.5	167.4	1.5	98.7	-36.2
	Nov.	161.5	16.8	187.9	6.8	88.1	-27.3
	Dec.	158.5	11.2	184.5	5.2	94.4	-28.7

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kapasitor dan perintang elektrik		**Pembuatan papan litar bercetak**		**Pembuatan komponen paparan**	
		Manufacture of electrical capacitors and resistors		*Manufacture of printed circuit boards*		*Manufacture of display components*	
Kod/ *Codes*		**26103**		**26104**		**26105**	
Wajaran/*Weight 2015*		**0.29**		**2.19**		**0.01**	
2022		154.2	-14.0	240.7	32.1	118.8	-1.7
2023		144.6	-6.2	233.8	-2.8	117.0	-1.5
2023	**Q1**	165.1	-7.6	220.7	11.4	113.6	-4.3
	Q2	142.3	-7.1	234.2	2.2	117.4	-0.9
	Q3	137.7	2.0	230.7	-8.1	115.0	0.5
	Q4	133.3	-11.1	249.7	-12.3	122.0	-1.3
2024	**Q1**	193.0	16.9	242.6	9.9	113.8	0.2
	Q2	169.0	18.8	241.8	3.2	119.7	1.9
	Q3	149.7	8.7	236.0	2.3	126.2	9.7
	Q4	146.1	9.6	304.7	22.0	140.1	14.9
2023	**(Jan.-Dis.)**	144.6	-6.2	233.8	-2.8	117.0	-1.5
2024	**(Jan.-Dis.)**	164.5	13.7	256.3	9.6	124.9	6.8
2023	**Jan.**	140.1	-23.3	248.1	22.5	122.0	-4.1
	Feb.	174.0	1.7	198.9	6.4	104.1	-6.8
	Mar.	181.3	-0.7	215.0	5.2	114.8	-2.1
	Apr.	150.7	-9.5	211.3	9.3	113.2	-3.1
	May	139.3	9.1	232.4	11.1	118.8	0.1
	Jun.	137.0	-17.2	259.0	-9.2	120.2	0.1
	Jul.	148.2	-3.5	258.9	10.7	114.1	1.3
	Aug.	116.1	3.8	208.8	-16.4	113.5	-0.1
	Sep.	148.9	6.6	224.6	-16.6	117.4	0.5
	Oct.	137.1	-8.9	289.4	2.1	122.8	-0.8
	Nov.	145.2	-7.6	216.0	-27.8	123.3	-0.4
	Dec.	117.7	-17.3	243.7	-10.1	119.9	-2.8
2024	**Jan.**	160.0	14.2	218.1	-12.1	122.2	0.2
	Feb.	196.6	13.0	279.7	40.6	105.2	1.1
	Mar.	222.6	22.8	229.9	6.9	113.9	-0.7
	Apr.	190.7	26.6	191.9	-9.2	111.3	-1.7
	May	152.8	9.7	232.2	-0.1	121.6	2.4
	Jun.	163.6	19.4	301.2	16.3	126.1	4.9
	Jul.	163.6	10.4	262.5	1.4	121.3	6.3
	Aug.	128.5	10.7	226.1	8.3	126.3	11.3
	Sep.	157.0	5.4	219.5	-2.2	130.9	11.5
	Oct.	152.3	11.1	337.1	16.5	143.2	16.6
	Nov.	157.6	8.5	279.7	29.5	140.9	14.3
	Dec.	128.4	9.1	297.1	21.9	136.3	13.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan komponen lain untuk aplikasi elektronik		**Pembuatan komputer**		**Pembuatan kelengkapan peranti**	
		Manufacture of other components for electronic applications		*Manufacture of computers*		*Manufacture of peripheral equipment*	
Kod/ *Codes*		**26109**		**26201**		**26202**	
Wajaran/*Weight 2015*		**0.19**		**0.66**		**1.16**	
2022		111.9	4.2	129.0	13.9	123.4	1.4
2023		134.0	19.8	121.7	-5.6	136.5	10.6
2023	**Q1**	136.4	22.6	93.1	-21.4	113.8	-0.1
	Q2	128.2	18.1	133.3	1.1	117.5	-14.3
	Q3	121.2	12.5	138.6	-1.6	171.0	25.2
	Q4	150.0	25.2	121.9	-2.2	143.5	35.4
2024	**Q1**	151.1	10.8	94.3	1.3	134.3	18.0
	Q2	113.7	-11.3	134.2	0.7	146.2	24.5
	Q3	95.3	-21.4	135.4	-2.4	213.6	24.9
	Q4	99.6	-33.6	115.5	-5.3	173.1	20.6
2023	**(Jan.-Dis.)**	134.0	19.8	121.7	-5.6	136.5	10.6
2024	**(Jan.-Dis.)**	115.0	-14.2	119.9	-1.5	166.8	22.2
2023	**Jan.**	120.7	7.0	98.0	-19.7	106.8	-10.1
	Feb.	143.3	31.6	79.9	-28.6	111.2	9.0
	Mar.	145.2	29.6	101.4	-16.5	123.4	2.2
	Apr.	146.7	36.5	121.7	-4.4	121.8	-11.8
	May	135.8	29.0	114.5	-3.8	103.8	-8.0
	Jun.	102.1	-9.6	163.7	9.5	126.9	-20.8
	Jul.	117.7	9.0	137.7	-0.6	184.2	26.7
	Aug.	118.5	12.7	142.1	-5.2	175.3	25.2
	Sep.	127.5	15.7	136.1	1.2	153.5	23.3
	Oct.	147.3	24.5	161.0	10.1	151.7	35.1
	Nov.	153.9	29.4	118.9	10.0	147.7	35.6
	Dec.	148.6	21.7	85.9	-28.2	131.2	35.4
2024	**Jan.**	149.3	23.6	103.0	5.1	126.2	18.2
	Feb.	158.1	10.3	79.8	-0.2	121.5	9.3
	Mar.	146.0	0.6	100.2	-1.2	155.2	25.7
	Apr.	129.3	-11.9	122.9	1.0	153.4	26.0
	May	103.8	-23.6	114.3	-0.1	126.7	22.1
	Jun.	108.2	5.9	165.5	1.1	158.6	25.0
	Jul.	110.3	-6.3	139.2	1.1	235.3	27.7
	Aug.	88.3	-25.5	143.6	1.1	214.6	22.5
	Sep.	87.4	-31.5	123.3	-9.4	190.9	24.4
	Oct.	98.9	-32.9	156.0	-3.1	179.5	18.3
	Nov.	102.5	-33.4	108.3	-9.0	175.2	18.6
	Dec.	97.6	-34.4	82.2	-4.3	164.7	25.5

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan peralatan komunikasi		**Pembuatan elektronik pengguna**		**Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan**	
		Manufacture of communication equipment		*Manufacture of consumer electronics*		*Manufacture of measuring, testing, navigating and control equipment*	
Kod/ *Codes*		**26300**		**26400**		**26511**	
Wajaran/*Weight 2015*		**0.91**		**2.43**		**0.39**	
2022		95.4	-1.9	183.0	17.4	172.2	23.5
2023		112.4	17.8	194.3	6.2	197.9	14.9
2023	**Q1**	106.5	8.4	183.9	8.6	179.6	27.7
	Q2	110.7	24.9	173.2	10.2	174.7	9.7
	Q3	122.9	26.0	210.0	3.7	210.7	12.7
	Q4	109.4	12.6	210.1	3.5	226.8	12.2
2024	**Q1**	108.5	1.9	215.3	17.1	167.1	-7.0
	Q2	112.9	1.9	220.0	27.0	140.9	-19.3
	Q3	113.5	-7.7	269.1	28.1	177.6	-15.7
	Q4	102.8	-6.0	246.0	17.1	207.1	-8.7
2023	**(Jan.-Dis.)**	112.4	17.8	194.3	6.2	197.9	14.9
2024	**(Jan.-Dis.)**	109.4	-2.6	237.6	22.3	173.2	-12.5
2023	**Jan.**	101.3	-6.1	171.1	-17.4	179.0	23.8
	Feb.	108.4	13.9	179.1	21.9	175.4	30.2
	Mar.	109.8	19.7	201.4	30.9	184.3	29.2
	Apr.	97.9	17.3	172.6	15.2	151.8	10.8
	May	115.0	27.2	166.9	9.2	162.9	9.1
	Jun.	119.3	29.6	180.2	6.8	209.5	9.4
	Jul.	127.1	30.2	150.6	-10.3	183.0	9.1
	Aug.	129.0	27.5	221.0	8.3	210.0	7.4
	Sep.	112.5	19.9	258.3	9.8	239.2	21.1
	Oct.	115.0	18.0	185.0	-7.3	213.5	16.9
	Nov.	106.4	21.5	238.7	14.4	233.6	10.1
	Dec.	107.0	0.4	206.7	2.9	233.2	10.2
2024	**Jan.**	99.9	-1.4	211.2	23.4	189.1	5.6
	Feb.	112.9	4.1	210.3	17.5	153.0	-12.8
	Mar.	112.8	2.7	224.4	11.5	159.1	-13.7
	Apr.	104.6	6.8	220.9	28.0	125.3	-17.5
	May	120.9	5.1	224.0	34.2	143.8	-11.7
	Jun.	113.1	-5.2	215.0	19.3	153.7	-26.6
	Jul.	114.8	-9.7	182.8	21.4	134.5	-26.5
	Aug.	107.9	-16.3	288.2	30.4	185.9	-11.4
	Sep.	117.7	4.6	336.2	30.2	212.4	-11.2
	Oct.	102.9	-10.5	201.0	8.6	183.2	-14.2
	Nov.	106.4	0.1	278.2	16.5	219.2	-6.2
	Dec.	99.2	-7.3	258.8	25.2	219.0	-6.1

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan jam tangan dan jam dan bahagiannya		**Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik**		**Pembuatan instrumen dan kelengkapan optikal**	
		Manufacture of watches and clocks and parts		*Manufacture of irradiation, electro medical and electrotherapeutic equipment*		*Manufacture of optical instruments and equipment*	
Kod/ *Codes*		**26520**		**26600**		**26701**	
Wajaran/*Weight 2015*		**0.13**		**0.40**		**0.04**	
2022		86.5	-16.3	144.8	9.2	112.0	0.2
2023		80.0	-7.6	150.4	3.9	107.7	-3.8
2023	**Q1**	77.6	-5.4	128.8	-1.2	110.6	-5.5
	Q2	71.0	-21.6	144.9	7.3	118.9	-2.6
	Q3	84.9	-6.3	167.1	4.1	117.0	0.4
	Q4	86.3	4.2	160.6	4.8	84.5	-8.5
2024	**Q1**	103.6	33.5	145.4	12.9	106.4	-3.8
	Q2	79.5	11.9	165.3	14.1	118.9	0.0
	Q3	83.5	-1.7	198.2	18.6	127.5	8.9
	Q4	106.6	23.6	194.3	21.0	90.9	7.6
2023	**(Jan.-Dis.)**	80.0	-7.6	150.4	3.9	107.7	-3.8
2024	**(Jan.-Dis.)**	93.3	16.7	175.8	16.9	110.9	3.0
2023	**Jan.**	85.1	8.9	119.4	-6.7	100.1	-18.8
	Feb.	76.9	-9.2	122.6	-4.8	111.8	0.2
	Mar.	70.8	-14.9	144.5	7.3	119.8	3.0
	Apr.	65.1	-31.5	108.5	-7.9	115.5	-10.7
	May	77.4	-18.7	150.1	19.1	126.4	7.5
	Jun.	70.6	-13.3	176.0	9.2	114.8	-3.7
	Jul.	89.3	-2.5	171.5	9.3	149.6	24.7
	Aug.	89.0	-8.3	168.0	2.3	100.2	-11.6
	Sep.	76.4	-8.3	161.8	0.9	101.3	-12.9
	Oct.	74.1	-3.5	176.1	8.6	87.3	-6.6
	Nov.	81.5	4.5	161.9	2.0	79.4	-13.7
	Dec.	103.2	10.4	143.8	3.7	86.8	-5.2
2024	**Jan.**	117.0	37.5	137.8	15.4	96.9	-3.2
	Feb.	106.0	37.9	140.5	14.6	105.6	-5.6
	Mar.	87.7	23.8	158.0	9.4	116.7	-2.6
	Apr.	78.8	21.1	125.2	15.3	117.5	1.8
	May	90.7	17.2	171.1	14.0	123.7	-2.2
	Jun.	69.0	-2.3	199.7	13.5	115.4	0.6
	Jul.	78.7	-11.8	203.5	18.6	161.1	7.7
	Aug.	100.7	13.2	198.2	18.0	109.0	8.9
	Sep.	71.0	-7.1	193.0	19.3	112.3	10.8
	Oct.	91.0	22.9	212.1	20.4	92.3	5.8
	Nov.	101.5	24.5	196.6	21.5	84.7	6.7
	Dec.	127.4	23.5	174.3	21.2	95.8	10.4

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan peralatan fotografi		**Pembuatan motor elektrik, penjana dan transformer**		**Pembuatan perkakasan pengagihan dan pengawalan elektrik**	
		Manufacture of photographic equipment		*Manufacture of electric motors, generators and transformers*		*Manufacture of electricity distribution and control apparatus*	
Kod/ *Codes*		**26702**		**27101**		**27102**	
Wajaran/*Weight 2015*		**0.05**		**0.21**		**0.44**	
2022		45.2	-28.8	156.4	10.2	102.5	-4.6
2023		36.5	-19.4	152.4	-2.5	96.6	-5.8
2023	**Q1**	33.8	-27.5	188.1	15.5	90.8	-6.0
	Q2	37.5	-15.9	147.4	-4.9	109.7	1.3
	Q3	38.7	-19.6	130.2	-14.6	86.2	-8.7
	Q4	35.9	-13.7	143.9	-7.2	99.4	-10.2
2024	**Q1**	31.0	-8.5	194.0	3.2	98.0	7.9
	Q2	27.0	-28.0	162.6	10.3	109.2	-0.5
	Q3	36.2	-6.4	143.3	10.1	88.5	2.6
	Q4	32.6	-9.1	157.8	9.6	112.5	13.2
2023	**(Jan.-Dis.)**	36.5	-19.4	152.4	-2.5	96.6	-5.8
2024	**(Jan.-Dis.)**	31.7	-13.1	164.4	7.9	102.1	5.7
2023	**Jan.**	35.3	-10.7	176.2	2.8	94.8	-3.3
	Feb.	30.4	-37.5	195.1	31.1	83.1	-3.1
	Mar.	35.8	-30.9	193.0	14.5	94.6	-10.7
	Apr.	30.0	-25.8	164.9	0.2	99.8	-8.2
	May	40.3	-22.6	139.0	1.2	115.1	15.5
	Jun.	42.2	2.4	138.2	-15.2	114.2	-2.1
	Jul.	36.2	-19.6	145.1	-7.8	88.4	-0.3
	Aug.	46.4	-19.5	120.1	-16.1	80.4	-9.0
	Sep.	33.6	-19.8	125.5	-20.0	89.9	-15.5
	Oct.	41.9	-18.7	145.7	-13.8	97.7	-12.3
	Nov.	27.6	-19.7	147.4	-1.5	97.3	-7.0
	Dec.	38.1	-1.5	138.8	-5.3	103.4	-11.1
2024	**Jan.**	35.8	1.4	202.8	15.1	98.5	3.8
	Feb.	29.9	-1.8	188.2	-3.5	98.1	18.0
	Mar.	27.3	-23.9	191.0	-1.0	97.5	3.1
	Apr.	21.2	-29.4	185.5	12.5	92.3	-7.6
	May	29.6	-26.6	159.0	14.4	121.0	5.2
	Jun.	30.2	-28.4	143.3	3.7	114.3	0.0
	Jul.	31.9	-11.7	153.9	6.1	91.2	3.2
	Aug.	45.6	-1.8	132.9	10.7	75.9	-5.5
	Sep.	31.2	-7.1	143.1	14.1	98.2	9.2
	Oct.	37.6	-10.4	159.9	9.8	113.8	16.5
	Nov.	25.6	-7.2	161.2	9.3	105.4	8.3
	Dec.	34.6	-9.1	152.2	9.7	118.5	14.6

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kabel gentian optikal		**Pembuatan wayar dan kabel elektronik dan elektrik lain**		**Pembuatan perkakasan domestik**	
		Manufacture of fibre optic cables		*Manufacture of other electronic and electric wires and cables*		*Manufacture of domestic appliances*	
Kod/ *Codes*		**27310**		**27320**		**27500**	
Wajaran/*Weight 2015*		**0.03**		**0.46**		**0.47**	
2022		128.8	13.2	165.4	13.3	142.6	4.8
2023		134.7	4.6	152.8	-7.6	125.5	-12.0
2023	**Q1**	135.4	12.4	161.3	0.0	123.1	-9.9
	Q2	132.0	2.2	150.6	-9.2	131.5	-12.0
	Q3	136.2	3.6	155.8	-11.8	138.6	-6.5
	Q4	135.1	0.8	143.6	-9.0	108.8	-20.0
2024	**Q1**	140.1	3.4	149.2	-7.5	118.6	-3.6
	Q2	134.7	2.0	136.5	-9.4	137.3	4.4
	Q3	138.2	1.4	134.4	-13.7	152.3	9.9
	Q4	135.2	0.0	127.9	-10.9	118.0	8.5
2023	**(Jan.-Dis.)**	134.7	4.6	152.8	-7.6	125.5	-12.0
2024	**(Jan.-Dis.)**	137.0	1.7	137.0	-10.4	131.6	4.8
2023	**Jan.**	137.9	10.2	147.1	-8.3	135.5	-15.1
	Feb.	139.0	25.4	160.8	3.0	119.4	-4.8
	Mar.	129.4	3.1	176.1	5.1	114.4	-8.4
	Apr.	129.5	-1.3	168.0	-3.4	119.3	-15.6
	May	134.7	5.5	126.3	-19.1	143.9	-3.3
	Jun.	131.7	2.6	157.6	-6.0	131.4	-16.9
	Jul.	136.2	4.4	144.0	-13.0	115.5	-15.0
	Aug.	138.9	4.3	151.1	-13.2	150.2	-0.6
	Sep.	133.6	2.1	172.2	-9.5	150.1	-5.0
	Oct.	138.9	3.0	161.9	-13.8	109.4	-19.7
	Nov.	132.9	-3.0	133.2	-9.3	105.1	-18.9
	Dec.	133.5	2.6	135.8	-2.1	111.8	-21.3
2024	**Jan.**	142.8	3.5	144.9	-1.5	125.4	-7.5
	Feb.	145.2	4.5	148.0	-8.0	114.3	-4.3
	Mar.	132.3	2.2	154.7	-12.2	116.1	1.5
	Apr.	133.5	3.1	147.0	-12.5	121.2	1.5
	May	136.9	1.6	132.4	4.8	151.8	5.5
	Jun.	133.6	1.5	130.1	-17.5	138.9	5.8
	Jul.	140.2	2.9	127.0	-11.8	136.4	18.1
	Aug.	140.3	1.0	125.9	-16.7	160.7	7.0
	Sep.	134.2	0.4	150.2	-12.8	159.8	6.4
	Oct.	139.7	0.5	144.2	-10.9	130.4	19.1
	Nov.	133.7	0.6	117.2	-12.0	105.2	0.1
	Dec.	132.2	-1.0	122.4	-9.9	118.5	6.0

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan alat-alat kuasa bendalir		**Pembuatan pam, pemampat, kepala paip dan injap lain**		**Pembuatan penggalas, gear, elemen gear dan pemanduan**	
		Manufacture of fluid power equipment		*Manufacture of other pumps, compressors, taps and valves*		*Manufacture of bearings, gears, gearing and driving elements*	
Kod/ *Codes*		**28120**		**28130**		**28140**	
Wajaran/*Weight 2015*		**0.00**		**0.14**		**0.05**	
2022		145.4	5.7	114.4	-10.5	62.3	-10.6
2023		150.0	3.2	110.6	-3.3	51.1	-17.9
2023	**Q1**	149.6	5.2	92.3	-21.2	51.3	-13.3
	Q2	153.5	6.3	121.8	1.9	50.9	-21.2
	Q3	149.0	1.7	104.3	-3.9	50.9	-18.3
	Q4	147.9	-0.4	124.2	10.1	51.5	-18.6
2024	**Q1**	148.7	-0.6	96.4	4.4	53.0	3.4
	Q2	155.0	1.0	108.1	-11.2	45.6	-10.4
	Q3	153.9	3.3	94.2	-9.7	50.8	-0.2
	Q4	154.6	4.5	112.7	-9.2	55.3	7.3
2023	**(Jan.-Dis.)**	150.0	3.2	110.6	-3.3	51.1	-17.9
2024	**(Jan.-Dis.)**	153.0	2.0	102.8	-7.0	51.2	0.1
2023	**Jan.**	148.2	4.6	91.8	-21.1	54.9	-8.4
	Feb.	149.8	5.3	90.3	-18.3	52.7	-21.3
	Mar.	150.9	5.6	94.7	-23.8	46.2	-8.4
	Apr.	152.9	6.4	111.0	-3.7	44.8	-32.8
	May	153.5	6.4	144.6	20.8	55.3	-11.2
	Jun.	154.0	6.1	109.6	-11.1	52.7	-18.8
	Jul.	154.7	6.1	103.4	-2.2	51.0	-15.4
	Aug.	145.6	-0.5	113.2	-2.0	50.8	-17.1
	Sep.	146.6	-0.4	96.3	-7.6	50.9	-22.2
	Oct.	147.2	-0.4	119.6	1.9	52.6	-8.7
	Nov.	147.9	-0.4	142.7	28.1	51.1	-20.4
	Dec.	148.6	-0.4	110.2	0.6	50.8	-25.4
2024	**Jan.**	147.2	-0.7	104.7	14.0	58.1	5.8
	Feb.	148.6	-0.8	94.1	4.1	53.1	0.7
	Mar.	150.3	-0.4	90.4	-4.6	47.9	3.7
	Apr.	153.8	0.6	98.3	-11.4	40.4	-9.8
	May	155.1	1.0	133.7	-7.5	53.5	-3.1
	Jun.	156.1	1.4	92.3	-15.9	43.0	-18.4
	Jul.	157.5	1.8	85.1	-17.7	48.9	-4.3
	Aug.	150.3	3.2	113.1	-0.1	43.9	-13.6
	Sep.	153.8	4.9	84.3	-12.5	59.7	17.3
	Oct.	154.4	4.9	99.4	-16.8	57.1	8.6
	Nov.	154.1	4.1	129.4	-9.3	57.5	12.5
	Dec.	155.3	4.5	109.4	-0.7	51.2	0.7

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kelengkapan mengangkat dan mengendali		**Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik**		**Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor**	
		Manufacture of lifting and handling equipment		*Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives*		*Manufacture of air-conditioning machines, including for motor vehicles*	
Kod/ *Codes*		**28160**		**28180**		**28192**	
Wajaran/*Weight 2015*		**0.08**		**0.06**		**0.66**	
2022		198.6	18.9	88.3	-9.3	174.6	11.0
2023		188.6	-5.1	77.8	-11.9	179.7	2.9
2023	**Q1**	133.9	-8.8	77.7	-12.5	155.2	8.4
	Q2	192.6	-15.2	73.6	-31.0	210.4	5.3
	Q3	209.8	-8.4	79.5	-12.8	206.7	-1.6
	Q4	218.0	13.8	80.3	20.8	146.7	0.9
2024	**Q1**	149.4	11.6	79.1	1.8	119.2	-23.2
	Q2	139.3	-27.7	75.9	3.1	241.6	14.8
	Q3	186.4	-11.2	80.5	1.3	227.7	10.1
	Q4	227.8	4.5	76.0	-5.4	178.2	21.4
2023	**(Jan.-Dis.)**	188.6	-5.1	77.8	-11.9	179.7	2.9
2024	**(Jan.-Dis.)**	175.7	-6.8	77.9	0.1	191.7	6.6
2023	**Jan.**	152.9	14.2	65.2	-18.2	125.8	-5.3
	Feb.	113.5	-27.6	82.8	-19.5	154.0	7.8
	Mar.	135.3	-9.8	85.2	1.5	185.7	20.8
	Apr.	116.8	-37.1	83.1	-29.2	207.1	3.9
	May	259.2	7.6	69.4	-32.5	195.8	16.5
	Jun.	201.8	-20.8	68.4	-31.4	228.2	-1.7
	Jul.	207.4	-11.2	77.5	-29.4	215.8	-0.7
	Aug.	216.6	-3.3	76.9	-17.7	228.9	-1.7
	Sep.	205.5	-10.4	84.0	19.7	175.4	-2.6
	Oct.	199.2	5.5	97.9	26.2	133.0	1.5
	Nov.	218.8	16.6	74.5	24.7	162.9	2.0
	Dec.	236.1	19.2	68.6	10.4	144.3	-0.8
2024	**Jan.**	187.8	22.8	79.0	21.3	140.6	11.7
	Feb.	119.6	5.3	79.6	-3.8	21.3	-86.2
	Mar.	140.8	4.1	78.6	-7.7	195.8	5.4
	Apr.	119.4	2.2	86.7	4.3	227.1	9.7
	May	164.9	-36.4	71.5	3.1	227.7	16.3
	Jun.	133.6	-33.8	69.5	1.6	269.9	18.3
	Jul.	144.9	-30.1	81.0	4.5	259.2	20.1
	Aug.	205.3	-5.2	76.3	-0.8	242.2	5.8
	Sep.	208.9	1.6	84.3	0.3	181.6	3.5
	Oct.	205.1	3.0	95.8	-2.1	153.1	15.1
	Nov.	231.3	5.7	77.3	3.8	201.3	23.6
	Dec.	247.2	4.7	54.8	-20.1	180.0	24.8

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan jentera pembentukan logam dan alatan mesin		**Pembuatan lain-lain mesin bertujuan khas t.t.t.l.**		**Pembuatan kereta penumpang**	
		Manufacture of metal-forming machinery and machine tools		*Manufacture of other special-purpose machinery n.e.c.*		*Manufacture of passenger cars*	
Kod/ *Codes*		**28220**		**28290**		**29101**	
Wajaran/*Weight 2015*		**0.33**		**0.26**		**1.58**	
2022		108.6	0.9	132.1	-4.7	136.8	38.7
2023		107.5	-1.0	137.2	3.9	145.0	6.0
2023	**Q1**	102.7	-5.5	132.3	1.6	155.5	22.7
	Q2	114.4	7.7	132.6	-0.2	147.7	-5.3
	Q3	103.2	0.3	141.8	6.8	128.8	4.6
	Q4	109.5	-6.0	142.1	7.2	147.9	4.5
2024	**Q1**	86.9	-15.4	140.4	6.2	156.4	0.6
	Q2	95.6	-16.4	148.2	11.8	167.5	13.4
	Q3	92.1	-10.8	160.1	12.9	128.0	-0.6
	Q4	100.0	-8.7	156.2	10.0	137.1	-7.3
2023	**(Jan.-Dis.)**	107.5	-1.0	137.2	3.9	145.0	6.0
2024	**(Jan.-Dis.)**	93.6	-12.9	151.3	10.2	147.3	1.6
2023	**Jan.**	103.2	-7.5	131.8	6.3	156.6	22.5
	Feb.	104.0	-3.2	134.3	-2.1	144.7	19.2
	Mar.	100.9	-5.7	130.6	1.1	165.1	26.1
	Apr.	103.6	-0.1	130.1	1.5	125.5	-26.0
	May	119.7	12.0	133.8	-4.2	178.5	20.8
	Jun.	119.9	11.0	134.0	2.3	139.1	-7.5
	Jul.	99.4	-2.1	137.3	5.9	124.0	12.6
	Aug.	105.5	-1.2	148.1	8.1	134.4	2.5
	Sep.	104.8	4.3	140.1	6.4	128.2	-0.1
	Oct.	128.4	-1.3	136.5	7.1	145.5	19.7
	Nov.	103.8	-6.1	149.1	12.7	152.3	1.6
	Dec.	96.2	-11.6	140.6	1.9	145.9	-4.7
2024	**Jan.**	92.9	-10.0	137.5	4.3	177.1	13.1
	Feb.	86.4	-16.9	142.9	6.4	147.6	2.0
	Mar.	81.4	-19.3	141.0	8.0	144.5	-12.4
	Apr.	87.4	-15.6	142.3	9.4	173.6	38.3
	May	101.8	-14.9	153.9	15.0	208.3	16.7
	Jun.	97.6	-18.6	148.5	10.8	120.7	-13.2
	Jul.	89.4	-10.1	156.4	13.9	133.7	7.8
	Aug.	94.1	-10.7	165.7	11.9	149.6	11.3
	Sep.	92.7	-11.5	158.2	12.9	100.7	-21.4
	Oct.	112.4	-12.5	151.3	10.8	140.2	-3.7
	Nov.	99.1	-4.5	162.5	9.0	132.1	-13.3
	Dec.	88.4	-8.1	154.9	10.1	138.9	-4.8

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan alat ganti dan aksesori untuk kenderaan bermotor		**Pembinaan kapal dan struktur terapung**		**Pembuatan pesawat dan kapal angkasa dan jentera berkaitan**	
		Manufacture of parts and accessories for motor vehicles		*Building of ships and floating structures*		*Manufacture of air and spacecraft and related machinery*	
Kod/ *Codes*		**29300**		**30110**		**30300**	
Wajaran/*Weight 2015*		**1.42**		**0.44**		**0.28**	
2022		154.3	14.7	99.7	7.4	102.9	1.4
2023		159.5	3.4	106.8	7.1	90.7	-11.8
2023	**Q1**	165.3	0.3	102.9	5.1	101.1	-12.4
	Q2	167.8	5.8	99.3	17.7	74.6	-17.2
	Q3	165.9	7.3	113.8	5.6	87.2	-8.7
	Q4	139.0	0.0	111.2	2.2	100.0	-9.5
2024	**Q1**	169.2	2.3	112.5	9.3	90.2	-10.8
	Q2	167.2	-0.4	108.6	9.3	65.0	-12.8
	Q3	165.3	-0.4	122.6	7.7	74.5	-14.6
	Q4	130.2	-6.3	119.8	7.8	76.9	-23.1
2023	**(Jan.-Dis.)**	159.5	3.4	106.8	7.1	90.7	-11.8
2024	**(Jan.-Dis.)**	158.0	-1.0	115.9	8.5	76.6	-15.5
2023	**Jan.**	160.5	2.7	103.8	3.5	110.7	-10.4
	Feb.	163.2	1.5	102.7	8.5	100.6	-9.9
	Mar.	172.4	-2.9	102.3	3.4	92.0	-17.1
	Apr.	153.7	-2.6	95.0	18.5	79.7	-27.0
	May	171.5	12.2	99.9	19.0	72.7	-11.8
	Jun.	178.2	8.0	103.1	15.7	71.4	-9.2
	Jul.	179.5	11.5	81.8	4.7	64.1	-7.0
	Aug.	172.9	4.8	121.8	5.6	94.0	-9.2
	Sep.	145.4	5.4	137.8	6.3	103.5	-9.2
	Oct.	133.2	0.9	108.3	2.7	83.9	-6.4
	Nov.	140.0	-1.4	116.8	2.6	124.5	-5.6
	Dec.	143.7	0.7	108.5	1.4	91.6	-16.7
2024	**Jan.**	178.6	11.3	111.8	7.7	98.2	-11.2
	Feb.	169.5	3.9	113.0	10.0	90.5	-10.1
	Mar.	159.5	-7.5	112.8	10.3	81.8	-11.0
	Apr.	160.3	4.3	104.5	9.9	67.2	-15.7
	May	178.5	4.1	110.4	10.5	65.1	-10.4
	Jun.	162.8	-8.6	110.8	7.5	62.8	-12.0
	Jul.	181.4	1.1	89.6	9.5	56.8	-11.4
	Aug.	182.3	5.4	130.0	6.7	80.0	-14.9
	Sep.	132.0	-9.2	148.1	7.5	86.7	-16.2
	Oct.	129.7	-2.6	116.1	7.3	65.1	-22.4
	Nov.	128.9	-7.9	126.0	7.9	94.8	-23.8
	Dec.	132.0	-8.1	117.3	8.1	70.7	-22.8

Jadual 3: Indeks Pembuatan Peringkat Industri (2015=100)

Table 3: Manufacturing Indices at Industry Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan motosikal		**Pembuatan perabot kayu dan rotan**		**Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal**	
		Manufacture of motorcycles		*Manufacture of wooden and cane furniture*		*Repair and maintenance of transport equipment except motorcycles and bicycles*	
Kod/ *Codes*		**30910**		**31001**		**33150**	
Wajaran/*Weight 2015*		**0.26**		**0.72**		**0.24**	
2022		97.1	17.3	124.0	6.0	161.6	10.0
2023		108.5	11.7	117.0	-5.6	191.6	18.6
2023	**Q1**	109.8	12.2	120.9	-12.8	177.6	15.7
	Q2	100.1	13.0	108.5	-8.5	191.2	19.1
	Q3	106.9	11.3	104.4	-5.5	193.4	15.9
	Q4	117.3	10.7	134.2	4.6	204.3	23.5
2024	**Q1**	120.4	9.7	131.2	8.5	216.8	22.1
	Q2	109.2	9.1	115.1	6.1	209.3	9.4
	Q3	108.6	1.6	102.7	-1.7	200.9	3.8
	Q4	128.0	9.2	138.0	2.8	204.1	-0.1
2023	**(Jan.-Dis.)**	108.5	11.7	117.0	-5.6	191.6	18.6
2024	**(Jan.-Dis.)**	116.5	7.4	121.8	4.1	207.8	8.4
2023	**Jan.**	105.8	4.3	129.0	-8.4	171.7	13.9
	Feb.	108.9	19.7	120.7	-8.6	171.4	18.5
	Mar.	114.7	13.3	113.1	-21.1	189.7	14.9
	Apr.	99.4	9.8	102.5	-17.3	206.9	23.6
	May	100.9	15.4	117.9	2.1	174.6	16.7
	Jun.	100.0	14.0	105.0	-9.5	192.1	16.7
	Jul.	92.6	15.2	106.0	-4.8	194.4	16.7
	Aug.	108.9	11.6	103.4	-3.4	190.1	16.6
	Sep.	119.3	8.1	103.9	-8.3	195.9	14.4
	Oct.	112.4	10.3	123.4	5.0	211.7	24.1
	Nov.	119.8	10.2	137.2	1.4	225.3	23.2
	Dec.	119.6	11.7	142.1	7.7	175.9	23.1
2024	**Jan.**	121.7	15.0	144.8	12.3	209.7	22.1
	Feb.	118.8	9.1	130.0	7.7	214.3	25.1
	Mar.	120.8	5.3	118.8	5.1	226.4	19.3
	Apr.	109.2	9.9	113.0	10.2	221.7	7.1
	May	114.4	13.4	122.9	4.2	187.4	7.3
	Jun.	103.9	4.0	109.4	4.2	218.7	13.8
	Jul.	94.9	2.5	102.8	-3.1	220.2	13.3
	Aug.	109.6	0.7	101.8	-1.5	198.7	4.5
	Sep.	121.2	1.6	103.6	-0.3	183.8	-6.2
	Oct.	117.1	4.2	127.5	3.3	192.2	-9.2
	Nov.	136.8	14.2	142.0	3.5	205.0	-9.0
	Dec.	130.1	8.7	144.6	1.8	215.2	22.3

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan minyak dan lemak daripada sayuran dan haiwan		**Pembuatan produk tenusu**		**Pembuatan produk bijian, kanji dan produk berkanji**	
		Manufacture of vegetable and animal oils and fats		*Manufacture of dairy products*		*Manufacture of grain mill products, starches and starch products*	
Kod/*Codes*		**104**		**105**		**106**	
Wajaran/*Weight 2015*		**3.71**		**0.47**		**0.23**	
2022		97.3	-1.8	153.9	8.3	149.6	9.6
2023		101.6	4.4	157.0	2.0	153.9	2.9
2023	**Q1**	94.5	13.8	125.7	-7.2	155.4	12.6
	Q2	91.4	0.7	150.0	-7.7	137.6	-4.2
	Q3	106.4	-0.3	192.7	11.2	163.7	-0.6
	Q4	114.0	5.0	159.6	10.5	158.9	4.5
2024	**Q1**	85.2	-9.9	138.5	10.2	148.5	-4.4
	Q2	97.1	6.3	143.8	-4.1	145.8	5.9
	Q3	122.8	15.3	181.5	-5.8	152.6	-6.8
	Q4	122.3	7.3	138.2	-13.4	142.3	-10.5
2023	**(Jan.-Dis.)**	101.6	4.4	157.0	2.0	153.9	2.9
2024	**(Jan.-Dis.)**	106.8	5.2	150.5	-4.1	147.3	-4.3
2023	**Jan.**	93.0	8.3	125.4	-17.3	149.7	10.3
	Feb.	89.2	18.3	122.5	8.9	150.5	10.5
	Mar.	101.4	15.2	129.1	-9.1	166.1	16.8
	Apr.	82.1	-6.7	134.2	-21.5	139.7	-6.5
	May	98.7	13.0	152.4	-8.0	139.1	2.4
	Jun.	93.4	-3.7	163.4	8.2	134.2	-8.0
	Jul.	96.4	-2.3	180.6	17.4	138.9	1.4
	Aug.	107.5	0.9	192.2	4.0	163.3	-5.5
	Sep.	115.4	0.4	205.2	13.2	189.0	2.4
	Oct.	121.1	2.7	176.3	11.0	154.5	3.5
	Nov.	115.5	7.8	159.5	7.9	165.3	6.9
	Dec.	105.3	4.7	143.0	13.0	157.0	3.2
2024	**Jan.**	90.5	-2.6	141.4	12.7	153.5	2.6
	Feb.	77.1	-13.5	132.7	8.3	147.1	-2.3
	Mar.	87.9	-13.3	141.4	9.5	145.0	-12.7
	Apr.	84.3	2.7	126.5	-5.7	148.5	6.3
	May	103.4	4.8	149.5	-1.9	153.6	10.4
	Jun.	103.7	11.0	155.5	-4.9	135.3	0.9
	Jul.	117.5	21.9	175.6	-2.8	132.7	-4.5
	Aug.	131.9	22.6	190.6	-0.9	156.4	-4.2
	Sep.	118.9	3.0	178.4	-13.1	168.8	-10.7
	Oct.	136.4	12.7	150.9	-14.4	139.3	-9.9
	Nov.	119.6	3.6	137.0	-14.1	149.4	-9.6
	Dec.	110.9	5.3	126.7	-11.4	138.1	-12.0

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk makanan lain		**Pembuatan minuman ringan**		**Pembuatan produk tembakau**	
		Manufacture of other food products		*Manufacture of beverages*		*Manufacture of tobacco products*	
Kod/*Codes*		**107**		**110**		**120**	
Wajaran/*Weight 2015*		**1.85**		**0.65**		**0.52**	
2022		144.9	5.1	135.3	13.3	102.2	22.1
2023		150.1	3.6	137.7	1.8	116.4	13.9
2023	**Q1**	146.7	4.4	123.2	-1.5	147.4	15.5
	Q2	148.9	2.9	140.4	2.0	125.2	20.2
	Q3	158.0	3.5	138.8	0.9	81.3	13.9
	Q4	146.7	3.5	148.3	5.4	111.5	5.8
2024	**Q1**	150.5	2.6	130.3	5.8	158.8	7.7
	Q2	154.1	3.5	148.8	6.0	139.3	11.2
	Q3	172.6	9.2	148.6	7.1	94.5	16.2
	Q4	163.7	11.6	161.4	8.8	119.2	6.9
2023	**(Jan.-Dis.)**	150.1	3.6	137.7	1.8	116.4	13.9
2024	**(Jan.-Dis.)**	160.2	6.8	147.3	7.0	127.9	10.0
2023	**Jan.**	142.1	-2.0	127.2	-1.6	147.9	19.5
	Feb.	150.0	10.0	118.2	-2.3	142.4	3.9
	Mar.	147.9	5.5	124.2	-0.7	151.9	24.4
	Apr.	141.5	-2.9	142.4	-5.5	126.2	6.4
	May	152.9	8.5	143.9	11.1	141.6	36.2
	Jun.	152.2	3.3	134.9	1.6	107.9	19.9
	Jul.	161.7	7.1	135.3	1.9	79.4	17.2
	Aug.	153.4	0.1	138.2	0.2	77.9	12.1
	Sep.	158.9	3.3	143.0	0.6	86.6	12.5
	Oct.	151.3	5.4	145.6	5.0	93.6	9.9
	Nov.	150.0	6.7	146.2	4.4	124.4	3.7
	Dec.	138.8	-1.7	153.0	6.7	116.5	4.9
2024	**Jan.**	148.3	4.4	136.4	7.2	154.0	4.2
	Feb.	150.4	0.2	122.6	3.8	157.5	10.6
	Mar.	152.9	3.4	131.9	6.2	164.8	8.5
	Apr.	145.4	2.7	150.3	5.6	137.8	9.2
	May	156.7	2.5	150.7	4.7	151.9	7.3
	Jun.	160.2	5.2	145.6	7.9	128.2	18.8
	Jul.	175.2	8.3	144.4	6.7	98.0	23.4
	Aug.	170.2	10.9	148.4	7.4	89.8	15.3
	Sep.	172.3	8.4	153.1	7.1	95.6	10.4
	Oct.	165.8	9.6	152.6	4.8	101.5	8.4
	Nov.	169.4	13.0	160.5	9.8	130.9	5.3
	Dec.	156.0	12.4	171.0	11.8	125.3	7.5

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pemintalan, penenunan dan penyiapan tekstil		**Pembuatan pakaian, kecuali pakaian berbulu**		**Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah pembersihan dan pewarnaan bulu**	
		Spinning, weaving and finishing of textiles		*Manufacture of wearing apparel, except fur apparel*		*Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur*	
Kod/*Codes*		**131**		**141**		**151**	
Wajaran/*Weight 2015*		**0.40**		**0.58**		**0.06**	
2022		119.9	5.1	123.8	1.8	191.5	33.3
2023		107.0	-10.7	129.2	4.4	207.7	8.5
2023	**Q1**	120.1	-6.5	141.0	2.5	204.1	2.4
	Q2	99.7	-9.5	108.1	9.2	235.5	11.2
	Q3	102.7	-14.0	116.2	5.3	202.9	8.0
	Q4	105.6	-13.1	151.3	2.1	188.3	12.8
2024	**Q1**	118.3	-1.5	142.2	0.9	223.1	9.3
	Q2	106.8	7.2	110.0	1.7	247.9	5.2
	Q3	105.6	2.8	122.1	5.1	229.4	13.1
	Q4	107.3	1.6	149.0	-1.5	207.4	10.1
2023	**(Jan.-Dis.)**	107.0	-10.7	129.2	4.4	207.7	8.5
2024	**(Jan.-Dis.)**	109.5	2.3	130.8	1.3	226.9	9.2
2023	**Jan.**	116.6	-6.4	134.6	-1.9	198.3	1.4
	Feb.	116.0	-8.4	139.9	5.5	191.0	0.9
	Mar.	127.7	-4.8	148.5	3.8	223.0	4.7
	Apr.	91.8	-11.7	113.8	5.1	227.2	10.8
	May	102.1	-4.8	103.2	9.9	274.4	19.8
	Jun.	105.1	-11.8	107.4	13.3	205.0	1.8
	Jul.	98.5	-11.9	106.7	7.8	188.7	9.5
	Aug.	97.9	-13.9	114.0	3.8	211.4	5.9
	Sep.	111.7	-15.8	128.1	4.6	208.7	8.8
	Oct.	102.8	-14.7	144.2	6.0	158.4	15.4
	Nov.	114.9	-13.5	160.4	3.1	201.3	11.0
	Dec.	99.1	-11.0	149.2	-2.3	205.3	12.6
2024	**Jan.**	114.3	-1.9	136.6	1.5	222.9	12.4
	Feb.	113.0	-2.5	130.1	-7.1	211.5	10.7
	Mar.	127.6	-0.1	160.0	7.8	234.9	5.3
	Apr.	96.8	5.4	118.4	4.1	242.8	6.8
	May	110.9	8.6	105.4	2.1	278.1	1.4
	Jun.	112.8	7.3	106.2	-1.2	222.7	8.6
	Jul.	106.1	7.8	115.7	8.5	212.0	12.3
	Aug.	102.5	4.7	119.3	4.6	244.4	15.6
	Sep.	108.1	-3.3	131.4	2.6	231.9	11.1
	Oct.	102.8	0.0	146.5	1.6	170.5	7.7
	Nov.	116.3	1.2	154.3	-3.8	216.7	7.6
	Dec.	102.9	3.8	146.2	-2.0	234.8	14.4

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kasut		**Pengilangan dan pengetaman kayu**		**Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain**	
		Manufacture of footwear		*Sawmilling and planning of wood*		*Manufacture of products of wood, cork, straw and plaiting materials*	
Kod/*Codes*		**152**		**161**		**162**	
Wajaran/*Weight 2015*		**0.09**		**0.35**		**1.09**	
2022		113.0	17.7	134.6	8.1	117.0	6.2
2023		120.7	6.9	127.9	-5.0	112.0	-4.3
2023	**Q1**	119.9	14.2	143.2	3.1	111.3	-12.7
	Q2	118.7	7.3	103.4	-9.7	114.7	-3.6
	Q3	113.5	1.9	132.5	-6.7	106.5	-1.2
	Q4	130.9	4.7	132.5	-7.4	115.4	1.5
2024	**Q1**	123.6	3.1	112.9	-21.1	120.3	8.0
	Q2	117.4	-1.1	122.1	18.1	114.4	-0.3
	Q3	115.1	1.4	154.6	16.6	109.5	2.9
	Q4	138.7	5.9	147.9	11.6	117.9	2.2
2023	**(Jan.-Dis.)**	120.7	6.9	127.9	-5.0	112.0	-4.3
2024	**(Jan.-Dis.)**	123.7	2.4	134.3	5.1	115.5	3.2
2023	**Jan.**	120.7	14.7	132.7	-0.8	106.1	-19.0
	Feb.	115.1	13.3	150.3	5.1	117.0	-5.3
	Mar.	123.8	14.6	146.5	4.9	111.0	-13.5
	Apr.	119.6	7.1	122.6	14.9	100.8	-16.8
	May	117.7	6.9	88.3	-23.0	125.1	5.2
	Jun.	118.8	7.9	99.3	-18.7	118.1	1.1
	Jul.	120.4	6.4	127.4	8.0	103.2	-7.2
	Aug.	108.2	-0.2	135.4	-16.7	104.2	7.0
	Sep.	111.8	-0.4	134.8	-7.4	112.0	-2.4
	Oct.	123.4	3.0	149.7	7.7	115.8	-0.6
	Nov.	132.5	5.5	123.8	-15.1	116.8	3.5
	Dec.	136.9	5.5	124.0	-14.2	113.5	1.6
2024	**Jan.**	126.8	5.0	112.7	-15.1	113.6	7.0
	Feb.	117.6	2.2	98.2	-34.7	126.3	8.0
	Mar.	126.4	2.1	127.8	-12.8	121.0	9.0
	Apr.	115.7	-3.3	129.6	5.7	105.1	4.3
	May	119.1	1.2	113.1	28.2	120.0	-4.1
	Jun.	117.3	-1.2	123.5	24.3	118.1	0.0
	Jul.	118.5	-1.5	157.6	23.7	107.4	4.1
	Aug.	107.1	-1.0	152.5	12.6	105.8	1.5
	Sep.	119.6	7.0	153.5	13.9	115.4	3.1
	Oct.	130.3	5.6	163.8	9.4	117.3	1.3
	Nov.	141.6	6.8	136.4	10.2	119.6	2.4
	Dec.	144.2	5.3	143.4	15.7	116.8	2.9

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kertas dan produk kertas		**Percetakan dan aktiviti perkhidmatan berkaitan percetakan**		**Pembuatan produk petroleum bertapis**	
		Manufacture of paper and paper products		*Printing and service activities related to printing*		*Manufacture of refined petroleum products*	
Kod/*Codes*		**170**		**181**		**192**	
Wajaran/*Weight 2015*		**1.15**		**0.92**		**9.36**	
2022		143.9	7.5	124.6	6.9	120.0	6.3
2023		149.7	4.1	132.3	6.2	118.1	-1.6
2023	**Q1**	147.3	3.7	126.2	3.7	128.0	7.9
	Q2	136.9	3.3	127.7	6.6	108.7	-1.8
	Q3	153.6	2.8	129.5	9.1	117.5	-8.5
	Q4	161.0	6.2	145.9	5.5	118.1	-3.5
2024	**Q1**	152.9	3.8	132.9	5.3	125.7	-1.8
	Q2	140.7	2.8	138.8	8.7	113.2	4.2
	Q3	159.7	3.9	144.0	11.2	120.4	2.4
	Q4	163.3	1.5	158.0	8.3	119.2	1.0
2023	**(Jan.-Dis.)**	149.7	4.1	132.3	6.2	118.1	-1.6
2024	**(Jan.-Dis.)**	154.1	3.0	143.4	8.4	119.6	1.3
2023	**Jan.**	152.5	2.2	131.0	2.6	124.2	11.0
	Feb.	146.6	5.6	126.8	4.9	121.5	6.5
	Mar.	142.8	3.4	120.9	3.6	138.2	6.4
	Apr.	134.1	1.4	130.4	3.2	93.8	1.6
	May	131.1	6.9	131.2	9.0	115.7	6.1
	Jun.	145.5	2.1	121.4	7.9	116.4	-10.8
	Jul.	142.3	1.7	117.9	8.3	116.5	-10.1
	Aug.	150.4	3.3	131.8	10.0	121.3	-7.5
	Sep.	168.2	3.4	138.7	8.9	114.9	-7.7
	Oct.	150.1	4.6	138.3	9.3	122.0	-4.0
	Nov.	167.7	8.1	141.1	3.0	121.0	-1.8
	Dec.	165.1	5.8	158.4	4.5	111.3	-4.6
2024	**Jan.**	163.0	6.9	140.0	6.8	120.4	-3.0
	Feb.	151.9	3.6	131.4	3.6	115.9	-4.6
	Mar.	143.9	0.7	127.3	5.3	140.8	1.9
	Apr.	138.7	3.4	141.6	8.6	99.3	5.9
	May	132.7	1.2	141.6	7.9	109.4	-5.5
	Jun.	150.7	3.5	133.4	9.8	131.0	12.5
	Jul.	153.5	7.9	134.7	14.2	130.1	11.7
	Aug.	158.1	5.1	146.1	10.8	119.5	-1.5
	Sep.	167.3	-0.5	151.1	8.9	111.6	-2.8
	Oct.	148.7	-0.9	149.5	8.1	120.8	-1.0
	Nov.	172.6	2.9	154.5	9.5	122.3	1.1
	Dec.	168.6	2.2	170.0	7.3	114.6	3.0

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer		**Pembuatan produk kimia lain**		**Pembuatan produk farmaseutikal, kimia perubatan dan botani**	
		Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms		*Manufacture of other chemical products*		*Manufacture of pharmaceuticals, medicinal chemical and botanical products*	
Kod/*Codes*		**201**		**202**		**210**	
Wajaran/*Weight 2015*		**4.96**		**1.38**		**0.38**	
2022		128.3	5.7	110.8	-2.1	169.7	6.1
2023		134.6	4.9	112.6	1.6	168.4	-0.7
2023	**Q1**	134.5	3.8	110.5	-1.5	165.3	5.8
	Q2	131.0	5.9	108.1	0.4	163.1	0.2
	Q3	137.2	7.2	119.7	6.1	176.1	-5.1
	Q4	135.6	2.8	112.0	1.3	169.2	-2.9
2024	**Q1**	135.6	0.9	104.2	-5.7	174.2	5.4
	Q2	136.3	4.1	107.3	-0.7	174.4	6.9
	Q3	145.3	5.9	115.3	-3.7	186.9	6.1
	Q4	138.5	2.2	111.8	-0.2	176.8	4.5
2023	**(Jan.-Dis.)**	134.6	4.9	112.6	1.6	168.4	-0.7
2024	**(Jan.-Dis.)**	139.0	3.3	109.7	-2.6	178.1	5.7
2023	**Jan.**	128.5	2.1	110.8	-3.5	155.9	3.4
	Feb.	134.5	2.5	111.0	4.0	169.3	9.0
	Mar.	140.5	6.7	109.9	-4.5	170.8	5.0
	Apr.	123.2	3.3	100.2	-7.4	163.9	2.5
	May	121.1	6.2	111.0	5.7	160.1	3.3
	Jun.	148.7	7.9	112.9	3.0	165.3	-4.6
	Jul.	131.8	7.0	116.3	8.7	174.0	-3.8
	Aug.	143.3	8.2	118.8	5.7	176.2	-4.7
	Sep.	136.4	6.3	124.1	4.0	178.3	-6.7
	Oct.	137.6	6.6	116.6	4.6	177.9	-2.2
	Nov.	133.4	3.5	108.1	-1.3	154.3	-6.5
	Dec.	135.7	-1.5	111.4	0.6	175.5	-0.2
2024	**Jan.**	137.9	7.3	111.9	1.0	161.7	3.7
	Feb.	132.7	-1.3	100.4	-9.5	180.1	6.4
	Mar.	136.3	-3.0	100.4	-8.6	180.9	5.9
	Apr.	130.6	6.0	100.9	0.6	176.3	7.6
	May	125.7	3.8	109.0	-1.9	167.1	4.4
	Jun.	152.7	2.7	112.2	-0.7	179.8	8.8
	Jul.	142.8	8.3	114.3	-1.7	186.8	7.4
	Aug.	150.0	4.6	115.3	-2.9	186.1	5.6
	Sep.	143.2	5.0	116.4	-6.2	188.0	5.4
	Oct.	137.5	-0.1	118.9	2.0	182.3	2.5
	Nov.	135.7	1.7	109.2	1.0	162.8	5.5
	Dec.	142.3	4.9	107.3	-3.7	185.5	5.7

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk getah		**Pembuatan produk plastik**		**Pembuatan kaca dan produk kaca**	
		Manufacture of rubber products		*Manufacture of plastics products*		*Manufacture of glass and glass products*	
Kod/*Codes*		**221**		**222**		**231**	
Wajaran/*Weight 2015*		**2.22**		**2.26**		**0.38**	
2022		188.8	-16.9	134.2	2.8	111.1	7.8
2023		175.3	-7.1	130.3	-2.9	110.9	-0.1
2023	**Q1**	174.4	-7.0	117.9	-9.0	100.6	-10.0
	Q2	179.7	-12.2	123.6	-3.4	94.7	-8.1
	Q3	178.1	-6.4	144.0	-1.1	120.1	6.1
	Q4	169.1	-2.0	135.8	1.6	128.4	10.4
2024	**Q1**	184.3	5.7	122.5	3.9	109.4	8.8
	Q2	191.5	6.6	129.1	4.5	103.2	8.9
	Q3	196.1	10.1	152.8	6.1	131.9	9.8
	Q4	187.5	10.9	145.2	6.9	136.4	6.2
2023	**(Jan.-Dis.)**	175.3	-7.1	130.3	-2.9	110.9	-0.1
2024	**(Jan.-Dis.)**	189.9	8.3	137.4	5.4	120.2	8.4
2023	**Jan.**	167.8	-8.8	117.5	-11.9	99.1	-10.0
	Feb.	159.1	-6.3	120.8	-8.3	100.0	-4.4
	Mar.	196.4	-6.1	115.4	-6.4	102.6	-15.0
	Apr.	181.8	-16.5	109.5	-9.3	96.7	-7.8
	May	174.6	-9.7	120.2	3.5	93.1	-8.1
	Jun.	182.7	-10.1	141.1	-4.1	94.3	-8.5
	Jul.	178.3	-9.0	145.2	-1.6	101.1	-10.0
	Aug.	180.4	-7.3	144.3	-1.1	129.0	12.3
	Sep.	175.6	-2.7	142.5	-0.7	130.2	16.0
	Oct.	177.6	-1.4	137.2	1.2	141.0	15.7
	Nov.	161.0	-0.5	142.1	2.4	129.0	13.5
	Dec.	168.8	-4.0	128.2	1.3	115.0	1.6
2024	**Jan.**	182.1	8.5	126.4	7.5	109.6	10.6
	Feb.	169.2	6.4	123.5	2.2	110.9	10.9
	Mar.	201.6	2.6	117.7	2.0	107.6	4.9
	Apr.	195.8	7.7	116.2	6.1	104.4	7.9
	May	185.3	6.2	125.0	4.0	101.2	8.7
	Jun.	193.4	5.9	146.2	3.6	103.9	10.1
	Jul.	197.1	10.5	156.4	7.7	108.3	7.1
	Aug.	200.5	11.1	154.4	7.0	144.9	12.4
	Sep.	190.7	8.6	147.6	3.6	142.5	9.4
	Oct.	197.0	10.9	146.2	6.5	156.3	10.8
	Nov.	176.8	9.8	154.5	8.7	134.7	4.4
	Dec.	188.8	11.9	134.8	5.2	118.1	2.7

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan pengeluaran galian bukan logam t.t.t.l.		**Pembuatan besi dan keluli asas**		**Pembuatan logam asas berharga dan logam bukan ferus lain**	
		Manufacture of non-metallic mineral products n.e.c.		*Manufacture of basic iron and steel*		*Manufacture of basic precious and other non-ferrous metals*	
Kod/*Codes*		**239**		**241**		**242**	
Wajaran/*Weight 2015*		**2.60**		**1.47**		**0.71**	
2022		114.1	9.3	122.2	6.8	121.0	7.3
2023		119.9	5.1	128.1	4.8	120.8	-0.1
2023	**Q1**	132.9	5.3	129.3	6.1	117.8	-7.8
	Q2	102.5	4.6	126.2	10.7	108.6	-7.4
	Q3	108.3	4.7	121.3	-1.0	132.6	13.2
	Q4	135.9	5.7	135.7	4.0	124.2	2.0
2024	**Q1**	141.1	6.2	135.8	5.0	116.2	-1.4
	Q2	113.0	10.2	136.3	8.0	113.5	4.5
	Q3	118.1	9.1	132.9	9.5	136.3	2.8
	Q4	140.8	3.6	138.0	1.6	126.6	1.9
2023	**(Jan.-Dis.)**	119.9	5.1	128.1	4.8	120.8	-0.1
2024	**(Jan.-Dis.)**	128.2	7.0	135.7	5.9	123.1	1.9
2023	**Jan.**	136.2	2.4	120.9	-2.7	115.6	-10.7
	Feb.	129.9	6.4	129.8	11.6	119.5	-6.9
	Mar.	132.5	7.2	137.2	9.7	118.3	-5.6
	Apr.	115.0	3.1	129.8	5.8	115.5	-2.8
	May	95.3	5.6	129.9	17.1	101.4	-13.3
	Jun.	97.3	5.5	118.9	9.5	108.8	-6.1
	Jul.	96.2	5.3	110.2	-0.2	121.3	8.0
	Aug.	110.7	2.0	123.9	-2.3	132.4	10.2
	Sep.	118.0	6.9	129.7	-0.3	144.1	21.2
	Oct.	130.2	5.2	131.4	0.2	135.3	10.5
	Nov.	134.8	6.0	144.1	7.6	121.6	-1.2
	Dec.	142.8	5.7	131.7	4.1	115.7	-3.3
2024	**Jan.**	144.6	6.2	129.5	7.1	110.7	-4.2
	Feb.	135.6	4.4	136.3	5.0	115.1	-3.7
	Mar.	142.9	7.9	141.7	3.3	122.7	3.7
	Apr.	128.4	11.6	140.4	8.2	121.5	5.2
	May	104.8	10.0	137.8	6.1	105.5	4.0
	Jun.	105.8	8.7	130.7	9.9	113.4	4.2
	Jul.	108.6	13.0	124.3	12.8	127.6	5.2
	Aug.	120.4	8.8	136.4	10.1	133.7	1.0
	Sep.	125.3	6.2	137.9	6.3	147.5	2.4
	Oct.	135.9	4.4	135.6	3.2	134.7	-0.5
	Nov.	138.5	2.7	147.5	2.4	123.0	1.1
	Dec.	147.9	3.6	130.8	-0.7	122.2	5.6

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru		**Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam**		**Pembuatan komponen dan papan elektronik**	
		Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition		*Manufacture of other fabricated metal products; metal working service activities*		*Manufacture of electronic components and boards*	
Kod/*Codes*		**251 & 252**		**259**		**261**	
Wajaran/*Weight 2015*		**1.39**		**2.40**		**7.68**	
2022		54.8	-52.7	109.7	6.4	198.8	19.0
2023		51.1	-6.7	116.0	5.7	184.1	-7.4
2023	**Q1**	56.2	-29.7	111.8	-1.8	175.1	4.1
	Q2	48.4	13.9	105.4	2.9	188.0	-5.9
	Q3	44.6	1.6	117.9	11.1	189.6	-9.5
	Q4	55.2	4.6	128.8	10.7	183.9	-15.4
2024	**Q1**	58.2	3.6	129.2	15.5	174.3	-0.4
	Q2	52.4	8.4	117.9	11.8	181.8	-3.3
	Q3	47.0	5.3	132.3	12.3	187.5	-1.1
	Q4	58.7	6.3	135.7	5.3	192.4	4.6
2023	**(Jan.-Dis.)**	51.1	-6.7	116.0	5.7	184.1	-7.4
2024	**(Jan.-Dis.)**	54.1	5.9	128.8	11.0	184.0	-0.1
2023	**Jan.**	59.5	-59.2	122.4	-5.3	191.6	9.8
	Feb.	54.3	19.5	105.1	0.7	155.6	2.9
	Mar.	54.8	12.4	107.9	0.0	178.0	-0.5
	Apr.	48.9	15.2	98.7	-2.9	166.9	-6.0
	May	48.8	16.7	109.7	7.8	180.2	-3.1
	Jun.	47.5	9.9	107.9	3.8	217.0	-8.1
	Jul.	42.9	3.1	105.3	8.6	190.9	-5.1
	Aug.	44.3	0.7	112.8	11.0	183.3	-12.8
	Sep.	46.6	1.2	135.6	13.2	194.5	-10.5
	Oct.	50.9	4.1	132.8	8.0	196.5	-9.9
	Nov.	55.5	5.3	129.8	11.0	173.0	-22.2
	Dec.	59.4	4.5	123.9	13.4	182.1	-14.0
2024	**Jan.**	61.9	4.1	143.6	17.3	175.2	-8.5
	Feb.	56.2	3.6	117.7	11.9	175.4	12.7
	Mar.	56.5	3.1	126.2	17.0	172.4	-3.2
	Apr.	53.8	10.0	113.0	14.4	142.4	-14.7
	May	50.8	4.0	118.5	8.0	182.5	1.3
	Jun.	52.8	11.3	122.2	13.3	220.6	1.6
	Jul.	44.9	4.7	117.7	11.7	191.0	0.0
	Aug.	47.3	6.9	126.6	12.3	186.4	1.7
	Sep.	48.7	4.5	152.7	12.6	184.9	-4.9
	Oct.	54.1	6.3	141.3	6.5	197.7	0.6
	Nov.	58.0	4.6	136.4	5.0	187.9	8.6
	Dec.	64.1	7.9	129.3	4.4	191.6	5.2

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan komputer dan kelengkapan peranti		**Pembuatan peralatan komunikasi**		**Pembuatan peralatan elektronik pengguna**	
		Manufacture of computers and peripheral equipment		*Manufacture of communication equipment*		*Manufacture of consumer electronics*	
Kod/*Codes*		**262**		**263**		**264**	
Wajaran/*Weight 2015*		**1.82**		**0.91**		**2.43**	
2022		125.4	5.7	95.4	-1.9	183.0	17.4
2023		131.1	4.6	112.4	17.8	194.3	6.2
2023	**Q1**	106.3	-8.0	106.5	8.4	183.9	8.6
	Q2	123.2	-8.9	110.7	24.9	173.2	10.2
	Q3	159.3	15.3	122.9	26.0	210.0	3.7
	Q4	135.7	20.4	109.4	12.6	210.1	3.5
2024	**Q1**	119.8	12.7	108.5	1.9	215.3	17.1
	Q2	141.9	15.2	112.9	1.9	220.0	27.0
	Q3	185.3	16.3	113.5	-7.7	269.1	28.1
	Q4	152.3	12.2	102.8	-6.0	246.0	17.1
2023	**(Jan.-Dis.)**	131.1	4.6	112.4	17.8	194.3	6.2
2024	**(Jan.-Dis.)**	149.8	14.3	109.4	-2.6	237.6	22.3
2023	**Jan.**	103.6	-13.6	101.3	-6.1	171.1	-17.4
	Feb.	99.9	-5.4	108.4	13.9	179.1	21.9
	Mar.	115.5	-4.6	109.8	19.7	201.4	30.9
	Apr.	121.8	-9.2	97.9	17.3	172.6	15.2
	May	107.6	-6.4	115.0	27.2	166.9	9.2
	Jun.	140.2	-10.3	119.3	29.6	180.2	6.8
	Jul.	167.4	17.1	127.1	30.2	150.6	-10.3
	Aug.	163.3	13.8	129.0	27.5	221.0	8.3
	Sep.	147.2	14.9	112.5	19.9	258.3	9.8
	Oct.	155.1	24.5	115.0	18.0	185.0	-7.3
	Nov.	137.3	26.4	106.4	21.5	238.7	14.4
	Dec.	114.8	9.3	107.0	0.4	206.7	2.9
2024	**Jan.**	117.8	13.7	99.9	-1.4	211.2	23.4
	Feb.	106.4	6.5	112.9	4.1	210.3	17.5
	Mar.	135.3	17.2	112.8	2.7	224.4	11.5
	Apr.	142.4	17.0	104.6	6.8	220.9	28.0
	May	122.2	13.6	120.9	5.1	224.0	34.2
	Jun.	161.1	14.9	113.1	-5.2	215.0	19.3
	Jul.	200.6	19.8	114.8	-9.7	182.8	21.4
	Aug.	188.9	15.7	107.9	-16.3	288.2	30.4
	Sep.	166.5	13.1	117.7	4.6	336.2	30.2
	Oct.	171.0	10.3	102.9	-10.5	201.0	8.6
	Nov.	151.0	10.0	106.4	0.1	278.2	16.5
	Dec.	134.9	17.5	99.2	-7.3	258.8	25.2

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam		**Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik**		**Pembuatan instrumen optikal dan kelengkapan fotografi**	
		Manufacture of measuring, testing, navigating and control equipment; watches and clocks		*Manufacture of irradiation, electromedical and electrotherapeutic equipment*		*Manufacture of optical instruments and photographic equipment*	
Kod/*Codes*		**265**		**266**		**267**	
Wajaran/*Weight 2015*		**0.55**		**0.40**		**0.09**	
2022		151.7	15.3	144.8	9.2	74.4	-12.1
2023		167.3	10.3	150.4	3.9	67.6	-9.1
2023	**Q1**	153.3	19.6	128.8	-1.2	67.4	-13.0
	Q2	149.6	4.2	144.9	7.3	73.0	-6.8
	Q3	177.7	9.0	167.1	4.1	72.9	-6.5
	Q4	188.6	9.7	160.6	4.8	57.1	-10.4
2024	**Q1**	148.1	-3.4	145.4	12.9	63.9	-5.1
	Q2	125.1	-16.4	165.3	14.1	67.1	-8.1
	Q3	155.2	-12.7	198.2	18.6	76.1	4.3
	Q4	181.4	-3.8	194.3	21.0	58.1	1.7
2023	**(Jan.-Dis.)**	167.3	10.3	150.4	3.9	67.6	-9.1
2024	**(Jan.-Dis.)**	152.4	-8.9	175.8	16.9	66.3	-1.9
2023	**Jan.**	156.1	19.5	119.4	-6.7	63.6	-16.4
	Feb.	149.5	20.0	122.6	-4.8	66.0	-13.4
	Mar.	154.4	19.3	144.5	7.3	72.5	-9.4
	Apr.	131.1	2.1	108.5	-7.9	67.3	-15.0
	May	142.1	3.1	150.1	19.1	77.9	-3.4
	Jun.	175.5	6.8	176.0	9.2	73.9	-1.9
	Jul.	158.2	6.0	171.5	9.3	85.7	10.3
	Aug.	177.6	3.9	168.0	2.3	69.9	-14.7
	Sep.	197.4	16.7	161.8	0.9	63.2	-15.1
	Oct.	178.1	13.4	176.1	8.6	61.7	-11.6
	Nov.	191.9	7.7	161.9	2.0	50.2	-15.7
	Dec.	195.7	8.5	143.8	3.7	59.3	-3.9
2024	**Jan.**	167.8	7.5	137.8	15.4	62.5	-1.7
	Feb.	138.2	-7.6	140.5	14.6	62.9	-4.6
	Mar.	138.2	-10.5	158.0	9.4	66.3	-8.5
	Apr.	112.6	-14.1	125.2	15.3	63.3	-6.0
	May	129.8	-8.7	171.1	14.0	70.7	-9.3
	Jun.	132.9	-24.3	199.7	13.5	67.4	-8.7
	Jul.	122.3	-22.7	203.5	18.6	88.4	3.1
	Aug.	164.6	-7.3	198.2	18.0	73.3	4.9
	Sep.	178.7	-9.5	193.0	19.3	66.6	5.5
	Oct.	163.0	-8.5	212.1	20.4	61.5	-0.4
	Nov.	188.2	-1.9	196.6	21.5	51.4	2.4
	Dec.	192.9	-1.4	174.3	21.2	61.3	3.4

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik		**Pembuatan pendawaian dan peranti pendawaian**		**Pembuatan perkakasan domestik**	
		Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus		*Manufacture of wiring and wiring devices*		*Manufacture of domestic appliances*	
Kod/*Codes*		**271**		**273**		**275**	
Wajaran/*Weight 2015*		**0.65**		**0.50**		**0.47**	
2022		119.9	1.1	161.1	12.5	142.6	4.8
2023		114.6	-4.4	150.0	-6.9	125.5	-12.0
2023	**Q1**	122.2	3.6	157.7	0.1	123.1	-9.9
	Q2	121.9	-1.2	147.9	-8.6	131.5	-12.0
	Q3	100.4	-11.3	152.6	-10.7	138.6	-6.5
	Q4	113.8	-9.0	141.6	-8.0	108.8	-20.0
2024	**Q1**	129.0	5.5	147.4	-6.5	118.6	-3.6
	Q2	126.4	3.7	135.4	-8.5	137.3	4.4
	Q3	106.2	5.7	133.4	-12.6	152.3	9.9
	Q4	127.1	11.7	127.3	-10.1	118.0	8.5
2023	**(Jan.-Dis.)**	114.6	-4.4	150.0	-6.9	125.5	-12.0
2024	**(Jan.-Dis.)**	122.2	6.6	135.9	-9.4	131.6	4.8
2023	**Jan.**	121.1	-0.5	144.9	-8.2	135.5	-15.1
	Feb.	119.3	12.4	157.4	3.5	119.4	-4.8
	Mar.	126.4	0.2	170.9	4.8	114.4	-8.4
	Apr.	120.9	-4.6	162.8	-3.8	119.3	-15.6
	May	122.8	9.8	126.2	-17.3	143.9	-3.3
	Jun.	122.0	-7.4	154.6	-5.4	131.4	-16.9
	Jul.	106.7	-3.7	142.1	-11.7	115.5	-15.0
	Aug.	93.2	-12.1	148.2	-12.0	150.2	-0.6
	Sep.	101.4	-17.3	167.5	-8.7	150.1	-5.0
	Oct.	113.2	-13.0	158.7	-12.6	109.4	-19.7
	Nov.	113.5	-4.8	131.9	-8.5	105.1	-18.9
	Dec.	114.8	-8.9	134.3	-1.5	111.8	-21.3
2024	**Jan.**	132.2	9.1	143.7	-0.8	125.4	-7.5
	Feb.	127.2	6.6	146.6	-6.9	114.3	-4.3
	Mar.	127.7	1.1	152.1	-11.0	116.1	1.5
	Apr.	122.4	1.2	144.3	-11.3	121.2	1.5
	May	133.3	8.5	132.2	4.7	151.8	5.5
	Jun.	123.7	1.4	129.6	-16.2	138.9	5.8
	Jul.	111.5	4.5	127.0	-10.7	136.4	18.1
	Aug.	94.3	1.2	125.5	-15.3	160.7	7.0
	Sep.	112.7	11.1	147.8	-11.8	159.8	6.4
	Oct.	128.7	13.7	142.7	-10.1	130.4	19.1
	Nov.	123.4	8.7	117.1	-11.2	105.2	0.1
	Dec.	129.4	12.7	122.1	-9.1	118.5	6.0

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan jentera kegunaan umum		**Pembuatan jentera kegunaan khas**		**Pembuatan kenderaan bermotor**	
		Manufacture of general-purpose machinery		*Manufacture of special-purpose machinery*		*Manufacture of motor vehicles*	
Kod/*Codes*		**281**		**282**		**291**	
Wajaran/*Weight 2015*		**1.27**		**0.87**		**1.66**	
2022		152.9	7.3	137.8	6.6	135.2	39.2
2023		155.6	1.8	132.4	-3.9	142.8	5.6
2023	**Q1**	136.7	3.5	132.7	4.1	153.0	21.9
	Q2	173.4	2.6	134.6	-4.9	145.9	-5.6
	Q3	170.1	-1.9	125.1	-9.4	127.3	4.4
	Q4	142.1	3.6	137.3	-4.8	145.0	4.2
2024	**Q1**	118.9	-13.0	130.4	-1.8	153.5	0.4
	Q2	184.1	6.2	133.3	-1.0	164.7	12.8
	Q3	177.6	4.4	125.5	0.4	126.2	-0.8
	Q4	158.7	11.7	134.2	-2.3	134.1	-7.5
2023	**(Jan.-Dis.)**	155.6	1.8	132.4	-3.9	142.8	5.6
2024	**(Jan.-Dis.)**	159.8	2.7	130.8	-1.2	144.6	1.3
2023	**Jan.**	120.8	-3.5	140.1	8.0	153.7	22.0
	Feb.	136.5	2.8	128.3	2.1	143.7	18.4
	Mar.	152.8	10.5	129.8	2.2	161.4	25.0
	Apr.	164.3	-0.6	126.5	-7.4	123.2	-26.3
	May	173.4	12.9	142.0	-3.9	176.4	20.0
	Jun.	182.5	-2.9	135.3	-3.3	138.3	-7.6
	Jul.	173.0	-2.5	125.2	-6.7	122.6	12.3
	Aug.	184.0	-1.2	127.1	-11.5	133.9	2.6
	Sep.	153.1	-2.0	122.9	-9.7	125.3	-0.5
	Oct.	132.2	3.4	126.2	-8.7	141.8	19.4
	Nov.	154.7	6.7	141.2	-1.3	149.7	1.4
	Dec.	139.4	0.5	144.6	-4.5	143.4	-4.9
2024	**Jan.**	132.6	9.8	135.8	-3.1	173.8	13.1
	Feb.	66.6	-51.2	127.1	-0.9	146.0	1.6
	Mar.	157.7	3.2	128.2	-1.2	140.8	-12.8
	Apr.	174.4	6.2	128.8	1.8	169.7	37.7
	May	181.2	4.5	140.2	-1.2	204.2	15.8
	Jun.	196.5	7.7	130.8	-3.3	120.1	-13.1
	Jul.	189.8	9.7	125.4	0.2	131.8	7.5
	Aug.	187.7	2.0	129.9	2.2	148.0	10.5
	Sep.	155.4	1.5	121.2	-1.4	98.8	-21.1
	Oct.	142.1	7.4	120.6	-4.4	136.5	-3.8
	Nov.	174.6	12.9	137.8	-2.4	129.6	-13.4
	Dec.	159.6	14.4	144.1	-0.4	136.1	-5.1

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan alat ganti dan aksesori untuk kenderaan bermotor		**Pembinaan kapal dan bot**		**Pembuatan kapal angkasa dan udara dan jentera berkaitan**	
		Manufacture of parts and accessories for motor vehicles		*Building of ships and boats*		*Manufacture of air and spacecraft and related machinery*	
Kod/*Codes*		**293**		**301**		**303**	
Wajaran/*Weight 2015*		**1.42**		**0.45**		**0.28**	
2022		154.3	14.7	100.5	7.8	102.9	1.4
2023		159.5	3.4	108.5	8.0	90.7	-11.8
2023	**Q1**	165.3	0.3	104.6	6.0	101.1	-12.4
	Q2	167.8	5.8	100.5	18.4	74.6	-17.2
	Q3	165.9	7.3	115.3	6.5	87.2	-8.7
	Q4	139.0	0.0	113.6	3.1	100.0	-9.5
2024	**Q1**	169.2	2.3	114.9	9.9	90.2	-10.8
	Q2	167.2	-0.4	110.0	9.4	65.0	-12.8
	Q3	165.3	-0.4	124.1	7.6	74.5	-14.6
	Q4	130.2	-6.3	122.7	8.0	76.9	-23.1
2023	**(Jan.-Dis.)**	159.5	3.4	108.5	8.0	90.7	-11.8
2024	**(Jan.-Dis.)**	158.0	-1.0	117.9	8.7	76.6	-15.5
2023	**Jan.**	160.5	2.7	105.0	3.5	110.7	-10.4
	Feb.	163.2	1.5	104.4	9.8	100.6	-9.9
	Mar.	172.4	-2.9	104.4	4.9	92.0	-17.1
	Apr.	153.7	-2.6	95.9	19.1	79.7	-27.0
	May	171.5	12.2	100.7	19.6	72.7	-11.8
	Jun.	178.2	8.0	105.0	16.6	71.4	-9.2
	Jul.	179.5	11.5	83.8	5.9	64.1	-7.0
	Aug.	172.9	4.8	123.3	6.3	94.0	-9.2
	Sep.	145.4	5.4	138.8	7.0	103.5	-9.2
	Oct.	133.2	0.9	109.8	3.4	83.9	-6.4
	Nov.	140.0	-1.4	119.4	3.5	124.5	-5.6
	Dec.	143.7	0.7	111.7	2.6	91.6	-16.7
2024	**Jan.**	178.6	11.3	113.8	8.3	98.2	-11.2
	Feb.	169.5	3.9	115.4	10.5	90.5	-10.1
	Mar.	159.5	-7.5	115.7	10.7	81.8	-11.0
	Apr.	160.3	4.3	106.0	10.5	67.2	-15.7
	May	178.5	4.1	111.3	10.5	65.1	-10.4
	Jun.	162.8	-8.6	112.7	7.4	62.8	-12.0
	Jul.	181.4	1.1	91.5	9.2	56.8	-11.4
	Aug.	182.3	5.4	131.7	6.8	80.0	-14.9
	Sep.	132.0	-9.2	149.1	7.5	86.7	-16.2
	Oct.	129.7	-2.6	118.1	7.6	65.1	-22.4
	Nov.	128.9	-7.9	129.1	8.1	94.8	-23.8
	Dec.	132.0	-8.1	120.8	8.2	70.7	-22.8

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kelengkapan pengangkutan t.t.t.l.		**Pembuatan perabot**		**Pembaikan pemasangan produk logam, jentera dan kelengkapan**	
		Manufacture of transport equipment n.e.c.		*Manufacture of furniture*		*Repair of fabricated metal products, machinery and equipment*	
Kod/*Codes*		**309**		**310**		**331**	
Wajaran/*Weight 2015*		**0.34**		**1.04**		**0.69**	
2022		101.6	10.3	129.5	9.5	135.5	10.6
2023		105.2	3.6	123.5	-4.6	143.4	5.9
2023	**Q1**	109.6	5.1	134.5	-11.3	142.3	5.7
	Q2	96.9	4.0	120.3	-7.1	140.3	7.3
	Q3	102.5	2.2	107.9	-4.5	139.6	4.7
	Q4	111.8	3.1	131.4	6.2	151.6	5.9
2024	**Q1**	116.5	6.3	148.0	10.0	150.7	5.9
	Q2	104.4	7.8	129.5	7.7	147.4	5.1
	Q3	106.1	3.5	113.5	5.1	149.6	7.2
	Q4	117.4	5.0	135.9	3.4	157.4	3.8
2023	**(Jan.-Dis.)**	105.2	3.6	123.5	-4.6	143.4	5.9
2024	**(Jan.-Dis.)**	111.1	5.6	131.7	6.6	151.3	5.5
2023	**Jan.**	107.3	2.0	134.1	-11.7	144.3	7.6
	Feb.	106.7	9.1	133.0	-8.0	137.4	9.6
	Mar.	114.9	4.4	136.5	-13.9	145.1	0.5
	Apr.	98.1	2.7	115.5	-16.1	144.2	6.4
	May	96.0	5.0	126.7	0.2	134.8	7.3
	Jun.	96.6	4.4	118.6	-4.7	141.8	8.1
	Jul.	90.2	5.3	110.3	-3.9	140.1	5.1
	Aug.	105.8	2.2	107.6	-3.5	139.3	4.6
	Sep.	111.6	-0.2	105.9	-6.1	139.3	4.3
	Oct.	110.2	0.6	119.7	4.8	156.2	6.7
	Nov.	112.5	3.6	135.5	5.2	160.8	6.6
	Dec.	112.7	5.2	139.0	8.5	137.8	4.2
2024	**Jan.**	121.5	13.2	148.4	10.7	153.2	6.2
	Feb.	112.7	5.6	141.8	6.6	143.8	4.6
	Mar.	115.4	0.5	153.7	12.6	154.9	6.8
	Apr.	103.5	5.5	130.6	13.1	149.6	3.7
	May	106.6	11.0	134.1	5.9	140.7	4.4
	Jun.	103.3	6.9	123.8	4.4	152.0	7.2
	Jul.	95.8	6.2	113.6	3.0	151.6	8.2
	Aug.	109.5	3.5	115.5	7.3	152.2	9.3
	Sep.	113.0	1.3	111.4	5.2	145.0	4.1
	Oct.	111.9	1.5	125.3	4.6	162.7	4.1
	Nov.	124.0	10.2	138.9	2.5	162.9	1.3
	Dec.	116.3	3.2	143.6	3.3	146.6	6.4

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pemprosesan dan pengawetan daging		**Pemprosesan dan pengawetan ikan, krustasea dan moluska**		**Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran**		**Pembuatan makanan haiwan tersedia**	
		Processing and preserving of meat		*Processing and preserving of fish, crustaceans and molluscs*		*Processing and preserving of fruit and vegetables*		*Manufacture of prepared animal feeds*	
Kod/ *Codes*		**101**		**102**		**103**		**108**	
Wajaran/*Weight 2015*		**0.34**		**0.20**		**0.10**		**0.47**	
2022		218.7	18.2	113.2	-3.4	126.3	6.9	218.2	15.9
2023		230.6	5.4	118.9	5.0	120.7	-4.5	255.5	17.1
2023	**Q1**	183.3	3.0	130.9	15.4	120.1	-6.5	216.7	8.0
	Q2	225.9	-5.1	117.4	0.0	110.4	-8.5	255.7	23.8
	Q3	250.1	4.2	115.4	2.6	119.3	-4.2	291.0	19.2
	Q4	263.3	20.2	111.9	2.1	133.0	1.0	258.6	16.7
2024	**Q1**	205.3	12.0	125.9	-3.8	110.5	-8.0	240.6	11.0
	Q2	260.9	15.5	115.4	-1.8	109.3	-0.9	271.9	6.4
	Q3	277.4	10.9	112.2	-2.8	114.8	-3.7	291.3	0.1
	Q4	308.3	17.1	108.0	-3.4	127.7	-4.0	274.4	6.1
2023	**(Jan.-Dis.)**	230.6	5.4	118.9	5.0	120.7	-4.5	255.5	17.1
2024	**(Jan.-Dis.)**	263.0	14.0	115.4	-3.0	115.6	-4.2	269.6	5.5
2023	**Jan.**	217.7	22.5	134.5	11.5	129.1	-3.9	233.0	7.3
	Feb.	176.9	11.8	134.4	18.5	114.8	-13.3	195.9	4.4
	Mar.	155.2	-21.6	123.7	16.5	116.5	-1.9	221.1	12.2
	Apr.	183.5	-29.1	113.9	-0.9	110.5	-9.8	258.8	25.8
	May	256.3	8.5	119.8	-1.9	110.4	-5.4	270.4	29.4
	Jun.	237.8	8.8	118.6	2.8	110.2	-10.1	237.8	16.0
	Jul.	201.1	-14.4	111.7	6.2	114.9	-2.7	277.8	18.3
	Aug.	266.6	12.3	119.9	0.8	121.7	-6.5	307.8	21.7
	Sep.	282.6	14.1	114.6	1.1	121.2	-3.4	287.5	17.3
	Oct.	231.1	13.0	97.8	5.7	128.7	-0.5	238.2	20.9
	Nov.	268.3	21.3	124.3	1.2	136.0	5.2	255.5	20.4
	Dec.	290.5	25.4	113.5	0.2	134.2	-1.6	281.9	10.4
2024	**Jan.**	260.4	19.6	144.9	7.7	132.9	2.9	259.9	11.5
	Feb.	191.0	8.0	113.7	-15.4	92.8	-19.2	214.4	9.4
	Mar.	164.6	6.0	119.0	-3.8	105.9	-9.1	247.4	11.9
	Apr.	231.1	26.0	107.0	-6.0	101.3	-8.3	284.2	9.8
	May	288.6	12.6	121.8	1.6	114.4	3.6	284.9	5.4
	Jun.	262.9	10.5	117.3	-1.1	112.3	1.9	246.6	3.7
	Jul.	227.3	13.0	105.4	-5.7	107.4	-6.5	276.8	-0.4
	Aug.	285.2	7.0	115.3	-3.9	112.4	-7.6	300.8	-2.3
	Sep.	319.6	13.1	115.9	1.2	124.6	2.9	296.2	3.0
	Oct.	272.5	17.9	97.3	-0.5	129.5	0.6	244.0	2.4
	Nov.	310.2	15.6	120.8	-2.8	122.0	-10.3	260.0	1.8
	Dec.	342.3	17.8	105.9	-6.7	131.7	-1.9	319.3	13.3

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan tekstil lain		**Pembuatan artikel daripada kulit bulu**		**Pembuatan pakaian yang dikait dan dikrusye**	
		Manufacture of other textiles		*Manufacture of articles of fur*		*Manufacture of knitted and crocheted apparel*	
Kod/ *Codes*		**139**		**142**		**143**	
Wajaran/*Weight 2015*		**0.17**		**0.00**		**0.01**	
2022		121.9	2.3	139.8	20.1	152.9	10.1
2023		133.2	9.3	157.7	12.8	166.9	9.2
2023	**Q1**	136.4	3.4	133.6	6.3	161.7	9.3
	Q2	119.7	10.9	171.6	24.6	165.7	9.9
	Q3	131.6	12.7	155.9	13.0	170.1	10.0
	Q4	145.3	10.8	169.6	7.5	170.2	7.7
2024	**Q1**	143.4	5.2	141.0	5.6	167.5	3.6
	Q2	125.7	5.0	179.9	4.8	170.9	3.1
	Q3	137.3	4.3	154.0	-1.2	178.3	4.8
	Q4	144.4	-0.6	142.1	-16.2	181.0	6.3
2023	**(Jan.-Dis.)**	133.2	9.3	157.7	12.8	166.9	9.2
2024	**(Jan.-Dis.)**	137.7	3.4	154.3	-2.2	174.4	4.5
2023	**Jan**	124.6	-0.7	146.5	9.0	160.5	9.4
	Feb	141.0	8.1	106.9	-9.8	161.7	9.3
	Mar	143.5	2.8	147.4	18.7	162.9	9.3
	Apr	128.9	15.4	169.3	30.6	164.1	9.9
	May	111.7	8.2	197.1	39.1	165.6	9.9
	Jun	118.6	9.0	148.3	4.5	167.4	9.9
	Jul	116.7	7.1	183.4	37.7	168.3	9.9
	Aug	132.4	15.2	125.5	-6.8	169.5	10.0
	Sep	145.7	15.3	158.8	8.8	172.5	10.0
	Oct	142.7	13.7	153.8	14.1	172.7	10.1
	Nov	152.7	15.7	203.7	17.4	174.1	10.1
	Dec	140.4	3.3	151.2	-8.4	163.9	2.9
2024	**Jan**	132.1	6.0	148.2	1.1	165.1	2.9
	Feb	148.2	5.1	112.5	5.2	168.7	4.3
	Mar	150.0	4.5	162.4	10.2	168.7	3.6
	Apr	133.7	3.7	214.2	26.5	168.2	2.5
	May	119.0	6.5	188.5	-4.4	171.8	3.7
	Jun	124.5	5.0	137.0	-7.6	172.7	3.2
	Jul	124.8	7.0	186.0	1.4	174.9	3.9
	Aug	142.2	7.4	131.7	4.9	177.7	4.8
	Sep	144.7	-0.7	144.5	-9.0	182.4	5.8
	Oct	141.9	-0.6	127.5	-17.1	182.9	5.9
	Nov	152.0	-0.5	171.9	-15.6	185.2	6.4
	Dec	139.4	-0.7	126.8	-16.1	174.8	6.7

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Penerbitan semula media rakaman		**Pembuatan serat buatan manusia**		**Penuangan logam**	
		Reproduction of recorded media		*Manufacture of man-made fibres*		*Casting of metals*	
Kod/ *Codes*		**182**		**203**		**243**	
Wajaran/*Weight 2015*		**0.00**		**0.02**		**0.17**	
2022		106.7	-9.4	101.8	6.8	123.4	5.3
2023		100.0	-6.3	106.7	4.7	123.0	-0.3
2023	**Q1**	108.4	6.9	104.7	4.6	132.6	5.1
	Q2	98.8	-10.7	105.8	4.7	126.5	7.4
	Q3	95.8	-10.2	107.5	4.8	113.1	-6.2
	Q4	97.1	-10.2	108.6	4.9	119.8	-7.2
2024	**Q1**	100.1	-7.7	109.3	4.4	118.7	-10.5
	Q2	91.3	-7.6	110.5	4.5	131.4	3.8
	Q3	91.4	-4.6	115.8	7.8	127.7	12.9
	Q4	95.9	-1.2	117.9	8.5	129.6	8.2
2023	**(Jan.-Dis.)**	100.0	-6.3	106.7	4.7	123.0	-0.3
2024	**(Jan.-Dis.)**	94.7	-5.3	113.4	6.3	126.9	3.2
2023	**Jan**	108.6	4.8	104.4	4.9	128.3	4.3
	Feb	108.7	7.2	104.7	4.6	131.0	4.5
	Mar	108.0	8.7	105.0	4.3	138.4	6.4
	Apr	109.1	-11.0	105.4	4.7	124.1	1.7
	May	94.7	-11.0	107.4	4.7	129.0	11.2
	Jun	92.7	-10.2	104.6	4.7	126.4	9.4
	Jul	98.5	-10.2	106.3	4.7	119.1	0.1
	Aug	94.9	-10.2	108.7	4.9	102.9	-15.4
	Sep	94.1	-10.2	107.4	4.9	117.3	-3.1
	Oct	96.9	-10.2	108.2	4.9	127.6	-8.5
	Nov	97.1	-10.2	108.6	4.9	115.5	-4.9
	Dec	97.3	-10.2	109.1	4.9	116.2	-8.0
2024	**Jan**	97.5	-10.2	109.5	4.9	117.3	-8.6
	Feb	101.4	-6.7	109.2	4.3	117.7	-10.1
	Mar	101.4	-6.1	109.2	4.0	121.1	-12.5
	Apr	100.9	-7.5	108.8	3.2	127.2	2.5
	May	88.7	-6.4	112.1	4.4	132.9	3.0
	Jun	84.4	-8.9	110.7	5.8	134.0	6.0
	Jul	91.6	-7.1	113.3	6.6	136.6	14.7
	Aug	90.7	-4.4	117.3	7.9	109.9	6.8
	Sep	92.1	-2.1	116.8	8.8	136.6	16.5
	Oct	95.2	-1.7	117.0	8.1	144.8	13.5
	Nov	96.0	-1.2	118.0	8.6	125.2	8.4
	Dec	96.5	-0.8	118.8	8.9	118.9	2.3

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan media magnetik dan optikal		**Pembuatan bateri dan akumulator**		**Pembuatan kelengkapan pencahayaan elektrik**	
		Manufacture of magnetic and optical media		*Manufacture of batteries and accumulators*		*Manufacture of electric lighting equipment*	
Kod/ *Codes*		**268**		**272**		**274**	
Wajaran/*Weight 2015*		**0.01**		**0.18**		**0.06**	
2022		143.5	10.0	156.3	6.2	70.2	-25.8
2023		145.0	1.0	178.1	13.9	62.6	-10.8
2023	**Q1**	149.0	5.6	233.2	42.8	62.5	-23.9
	Q2	152.0	7.0	200.1	23.7	82.2	-6.9
	Q3	141.4	-2.1	136.4	-0.3	49.0	-8.8
	Q4	137.6	-6.1	142.9	-12.6	56.9	0.4
2024	**Q1**	141.7	-4.9	167.3	-28.3	82.6	32.1
	Q2	144.0	-5.3	147.0	-26.5	89.1	8.4
	Q3	138.8	-1.9	91.4	-33.0	48.7	-0.6
	Q4	138.2	0.4	98.3	-31.2	53.2	-6.4
2023	**(Jan.-Dis.)**	145.0	1.0	178.1	13.9	62.6	-10.8
2024	**(Jan.-Dis.)**	140.6	-3.0	126.0	-29.2	68.4	9.2
2023	**Jan**	148.9	6.6	204.5	25.3	56.9	-25.5
	Feb	148.7	5.4	245.8	48.0	67.1	-22.9
	Mar	149.4	4.9	249.1	55.1	63.4	-23.5
	Apr	150.3	6.5	228.1	32.1	76.1	-16.8
	May	154.0	7.3	196.4	39.8	103.5	13.5
	Jun	151.6	7.1	175.8	2.2	67.0	-18.5
	Jul	153.7	7.4	150.6	7.1	48.3	-3.7
	Aug	135.7	-6.8	119.8	-4.1	47.4	-16.5
	Sep	134.8	-6.8	138.7	-4.1	51.3	-5.4
	Oct	135.8	-6.6	152.6	2.1	61.5	5.2
	Nov	136.5	-6.5	115.4	-19.9	51.6	-7.3
	Dec	140.4	-5.1	160.6	-18.5	57.5	3.1
2024	**Jan**	141.4	-5.0	147.7	-27.8	69.7	22.5
	Feb	141.8	-4.6	170.9	-30.5	90.2	34.3
	Mar	141.8	-5.1	183.4	-26.4	87.7	38.4
	Apr	141.5	-5.8	179.8	-21.2	106.6	40.0
	May	144.2	-6.4	150.2	-23.5	94.5	-8.8
	Jun	146.1	-3.6	111.1	-36.8	66.3	-1.1
	Jul	149.4	-2.8	94.7	-37.1	53.2	10.2
	Aug	133.6	-1.6	84.3	-29.6	53.4	12.5
	Sep	133.2	-1.1	95.2	-31.4	39.5	-23.0
	Oct	135.4	-0.3	102.4	-32.9	50.3	-18.2
	Nov	137.4	0.6	81.4	-29.5	43.3	-16.1
	Dec	141.7	1.0	111.3	-30.7	66.1	15.0

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan kelengkapan elektrik lain		**Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler**		**Pembuatan lokomotif keretapi dan rolling stock , Pembuatan kenderaan tempur ketenteraan**	
		Manufacture of other electrical equipment		*Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers*		*Manufacture of railway locomotives and rolling stock, Manufacture of military fighting vehicles*	
Kod/ *Codes*		**279**		**292**		**302&304**	
Wajaran/*Weight 2015*		**0.34**		**0.09**		**0.13**	
2022		203.1	30.5	66.3	4.6	56.1	-54.0
2023		236.3	16.4	71.5	7.8	56.5	0.6
2023	**Q1**	148.7	-14.6	68.3	12.2	54.2	-28.1
	Q2	240.2	17.3	60.0	-4.6	53.8	12.9
	Q3	295.8	30.5	75.5	13.0	58.8	15.7
	Q4	260.6	25.9	82.3	10.1	59.1	16.7
2024	**Q1**	176.5	18.7	74.9	9.7	60.7	12.0
	Q2	248.0	3.2	56.7	-5.5	59.5	10.6
	Q3	334.3	13.0	75.6	0.1	65.0	10.4
	Q4	298.8	14.7	69.6	-15.4	64.9	9.8
2023	**(Jan.-Dis.)**	236.3	16.4	71.5	7.8	56.5	0.6
2024	**(Jan.-Dis.)**	264.4	11.9	69.2	-3.3	62.5	10.7
2023	**Jan**	164.1	6.5	70.2	19.6	52.8	-59.1
	Feb	121.1	-28.4	66.8	16.1	53.3	14.3
	Mar	160.8	-19.2	67.8	2.3	56.4	12.3
	Apr	151.1	-14.2	58.4	0.4	52.4	10.0
	May	250.5	34.5	61.3	-2.6	53.4	15.8
	Jun	319.0	26.6	60.1	-10.7	55.5	12.9
	Jul	290.6	29.5	74.0	13.4	57.9	16.2
	Aug	282.9	29.9	73.2	8.1	59.1	13.8
	Sep	313.9	32.1	79.3	17.5	59.6	17.0
	Oct	302.5	34.2	89.4	23.4	60.4	19.2
	Nov	268.4	35.3	82.0	16.7	59.4	18.5
	Dec	210.8	7.0	75.4	-7.5	57.4	12.5
2024	**Jan**	199.7	21.7	73.0	3.9	60.6	14.7
	Feb	144.7	19.5	77.9	16.6	59.9	12.3
	Mar	185.0	15.0	73.8	8.9	61.7	9.3
	Apr	177.1	17.3	57.3	-2.0	59.3	13.1
	May	246.5	-1.6	57.6	-6.0	58.0	8.7
	Jun	320.2	0.4	55.1	-8.4	61.2	10.1
	Jul	333.3	14.7	75.6	2.1	63.8	10.4
	Aug	329.6	16.5	69.9	-4.6	65.4	10.7
	Sep	340.1	8.3	81.2	2.4	65.6	10.1
	Oct	338.5	11.9	81.2	-9.2	66.7	10.4
	Nov	300.9	12.1	77.1	-6.0	65.0	9.4
	Dec	257.0	21.9	50.4	-33.1	62.9	9.6

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan barang kemas, bijouterie dan artikel berkaitan		**Pembuatan instrumen muzik**		**Pembuatan barangan sukan**	
		Manufacture of jewellery, bijouterie and related articles		*Manufacture of musical instruments*		*Manufacture of sports goods*	
Kod/ *Codes*		**321**		**322**		**323**	
Wajaran/*Weight 2015*		**0.22**		**0.00**		**0.02**	
2022		158.4	8.5	74.0	-18.1	88.8	-17.2
2023		162.8	2.8	68.1	-8.0	84.7	-4.6
2023	**Q1**	161.9	3.4	75.4	10.1	93.3	2.0
	Q2	168.8	2.3	66.1	-15.8	79.5	-15.1
	Q3	123.6	-2.5	64.1	-13.0	81.0	-3.7
	Q4	197.0	6.3	66.6	-11.4	85.1	-1.0
2024	**Q1**	167.1	3.2	68.5	-9.2	96.3	3.2
	Q2	176.2	4.4	62.2	-5.9	78.1	-1.8
	Q3	127.7	3.3	62.0	-3.4	80.5	-0.6
	Q4	200.2	1.6	66.8	0.3	77.3	-9.1
2023	**(Jan.-Dis.)**	162.8	2.8	68.1	-8.0	84.7	-4.6
2024	**(Jan.-Dis.)**	167.8	3.0	64.9	-4.7	83.1	-2.0
2023	**Jan**	174.6	4.0	75.5	5.8	98.8	-3.4
	Feb	159.5	3.6	75.8	10.8	88.1	6.7
	Mar	151.7	2.6	75.0	14.1	93.0	3.7
	Apr	160.2	4.3	76.0	-15.8	84.2	-17.4
	May	193.3	3.3	60.0	-15.8	82.8	-4.9
	Jun	153.0	-1.0	62.3	-15.8	71.4	-22.3
	Jul	136.6	-1.5	65.8	-15.8	87.7	-6.7
	Aug	87.7	-6.3	63.4	-11.4	81.3	-0.7
	Sep	146.5	-0.9	63.2	-11.4	74.1	-3.4
	Oct	210.2	8.8	66.5	-11.4	78.6	-2.6
	Nov	190.8	0.9	66.8	-11.4	90.6	-1.3
	Dec	189.9	9.4	66.7	-11.4	86.1	0.8
2024	**Jan**	175.1	0.3	66.9	-11.4	102.3	3.5
	Feb	167.3	4.9	69.2	-8.6	87.7	-0.4
	Mar	158.7	4.7	69.4	-7.5	99.0	6.5
	Apr	170.3	6.3	72.0	-5.2	81.5	-3.2
	May	192.4	-0.5	56.5	-5.9	83.8	1.3
	Jun	165.9	8.4	58.1	-6.7	68.9	-3.6
	Jul	145.1	6.2	63.0	-4.3	91.4	4.2
	Aug	94.3	7.5	61.3	-3.3	75.5	-7.1
	Sep	143.6	-2.0	61.6	-2.5	74.7	0.8
	Oct	200.7	-4.5	66.0	-0.8	73.7	-6.2
	Nov	194.3	1.8	67.2	0.7	82.8	-8.6
	Dec	205.7	8.3	67.3	0.9	75.5	-12.3

Jadual 4: Indeks Pembuatan Peringkat Kumpulan (2015=100)

Table 4: Manufacturing Indices at Division Level (2015=100)

Tahun *Year*	Tempoh *Period*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*	**Indeks/** *Index*	**% Perubahan tahun ke tahun/** *change year-on-year*
		Pembuatan permainan dan mainan		**Pembuatan bekalan dan instrumen pergigian dan perubatan**		**Pembuatan lain t.t.t.l.**		**Pemasangan jentera perindustrian dan kelengkapan**	
		Manufacture of games and toys		*Manufacture of medical and dental instruments and supplies*		*Other manufacturing n.e.c.*		*Installation of industrial machinery and equipment*	
Kod/ *Codes*		**324**		**325**		**329**		**332**	
Wajaran/*Weight 2015*		**0.07**		**0.13**		**0.31**		**0.08**	
2022		74.6	-9.4	133.8	18.0	94.9	13.5	101.6	5.2
2023		70.2	-5.9	146.2	9.2	95.4	0.6	95.6	-5.9
2023	**Q1**	75.1	1.7	136.5	-2.5	101.6	3.9	103.7	1.0
	Q2	70.2	-7.8	137.5	16.3	89.9	1.0	88.4	-15.2
	Q3	68.3	-9.5	159.3	12.1	96.7	-1.3	110.8	17.0
	Q4	67.2	-8.0	151.4	12.1	93.6	-1.4	79.4	-24.3
2024	**Q1**	79.3	5.6	150.6	10.3	97.7	-3.8	99.9	-3.7
	Q2	78.0	11.1	147.3	7.1	91.5	1.8	104.6	18.3
	Q3	78.7	15.2	168.3	5.6	98.7	2.1	108.3	-2.3
	Q4	69.6	3.6	162.6	7.4	92.8	-0.8	96.3	21.3
2023	**(Jan.-Dis.)**	70.2	-5.9	146.2	9.2	95.4	0.6	95.6	-5.9
2024	**(Jan.-Dis.)**	76.4	8.8	157.2	7.5	95.2	-0.2	102.3	7.0
2023	**Jan**	74.6	-5.5	129.4	-6.3	100.7	3.4	95.7	-11.9
	Feb	73.0	4.2	139.2	1.1	103.7	9.0	92.9	6.9
	Mar	77.8	7.3	140.9	-2.2	100.3	-0.3	122.5	9.1
	Apr	64.4	-18.7	117.5	13.8	92.0	-5.2	93.6	-13.4
	May	75.3	4.4	160.9	30.6	91.5	4.6	87.9	-13.4
	Jun	71.0	-8.0	134.2	4.7	86.3	4.5	83.7	-18.7
	Jul	69.6	-8.0	158.6	11.5	88.6	-0.9	112.8	10.5
	Aug	60.9	-13.4	165.3	14.0	92.3	-1.2	104.8	21.5
	Sep	74.5	-7.4	154.1	10.7	109.1	-1.6	114.9	19.8
	Oct	63.3	-5.6	135.7	1.4	97.3	-0.4	101.4	-15.3
	Nov	69.5	-10.6	168.9	20.6	95.0	-3.0	66.9	-38.4
	Dec	68.7	-7.4	149.7	14.1	88.5	-0.7	70.0	-19.1
2024	**Jan**	79.4	6.4	143.8	11.1	98.5	-2.2	83.1	-13.2
	Feb	77.5	6.0	147.9	6.3	97.6	-5.9	84.4	-9.1
	Mar	81.1	4.2	160.1	13.6	97.0	-3.2	132.2	7.9
	Apr	70.3	9.1	134.8	14.7	90.5	-1.6	102.3	9.3
	May	84.8	12.7	171.3	6.5	93.3	2.0	103.0	17.2
	Jun	79.0	11.3	136.0	1.3	90.8	5.2	108.4	29.5
	Jul	84.3	21.1	165.9	4.6	95.1	7.3	118.2	4.8
	Aug	69.8	14.6	172.4	4.3	91.2	-1.2	102.3	-2.4
	Sep	82.0	10.1	166.4	8.0	109.8	0.7	104.3	-9.2
	Oct	68.2	7.7	161.1	18.7	94.6	-2.8	120.8	19.1
	Nov	77.2	11.1	178.2	5.5	92.9	-2.2	81.3	21.4
	Dec	63.5	-7.7	148.5	-0.8	91.0	2.8	87.0	24.3

Jadual 5: Indeks Pembuatan Peringkat Bahagian (2015=100)

Table 5: Manufacturing Indices at Division Level (2015=100)

Bil. / *No.*		Wajaran/ *Weights 2015*	Kod/ *Codes*	Keterangan/Tempoh	Oct. 2023	Nov. 2023	Dec. 2023	Oct. 2024	Nov. 2024	Dec. 2024	Q2 2023	Q3 2023	Q4 2023	Q2 2024	Q3 2024	Q4 2024	Jan.-Dis. 2022	Jan.-Dis. 2023	Jan.-Dis. 2024	*Description/ Period*
		68.25	**C**	**PEMBUATAN**	**144.7**	**144.3**	**140.6**	**149.5**	**151.0**	**148.7**	**134.9**	**142.3**	**143.2**	**141.5**	**150.5**	**149.7**	**138.5**	**139.5**	**145.7**	***MANUFACTURING***
1.		**8.55**		**Makanan, Minuman dan Tembakau**	**142.2**	**143.9**	**138.0**	**153.2**	**151.4**	**148.6**	**129.4**	**141.2**	**141.4**	**136.6**	**153.0**	**151.0**	**127.6**	**134.5**	**141.8**	***Food, Beverages and Tobacco***
	1.1	7.39	10	Pembuatan produk makanan	145.3	145.1	138.2	156.8	152.0	148.2	128.7	145.6	142.9	135.4	157.5	152.4	128.7	135.5	142.3	*Manufacture of food products*
	1.2	0.65	11	Pembuatan minuman	145.6	146.2	153.0	152.6	160.5	171.0	140.4	138.8	148.3	148.8	148.6	161.4	135.3	137.7	147.3	*Manufacture of beverages*
	1.3	0.52	12	Pembuatan produk tembakau	93.6	124.4	116.5	101.5	130.9	125.3	125.2	81.3	111.5	139.3	94.5	119.2	102.2	116.4	127.9	*Manufacture of tobacco products*
2.		**1.33**		**Produk Tekstil, Pakaian, Kulit dan Kasut**	**131.0**	**145.8**	**134.7**	**132.9**	**144.8**	**136.3**	**114.3**	**118.5**	**137.2**	**118.7**	**124.1**	**138.0**	**125.0**	**126.4**	**129.6**	***Textiles, Wearing Apparel, Leather Products and Footwear***
	2.1	0.58	13	Pembuatan tekstil	114.8	126.2	111.5	114.5	127.0	113.9	105.7	111.3	117.5	112.5	115.1	118.5	120.5	114.9	118.0	*Manufacture of textiles*
	2.2	0.60	14	Pembuatan pakaian	144.9	161.0	149.6	147.2	155.1	146.7	109.9	117.8	151.8	111.9	123.7	149.7	124.6	130.2	132.0	*Manufacture of wearing apparel*
	2.3	0.15	15	Pembuatan produk kulit dan barangan berkaitan	137.6	160.3	164.5	146.6	171.9	180.8	165.9	149.6	154.1	170.1	161.3	166.4	144.7	155.9	165.4	*Manufacture of leather and related products*
3.		**4.56**		**Produk Kayu, Perabot, Keluaran Kertas, Percetakan**	**132.5**	**139.4**	**142.2**	**137.1**	**145.7**	**148.8**	**123.3**	**125.4**	**138.0**	**130.0**	**133.5**	**143.9**	**129.5**	**129.5**	**136.1**	***Wood Products, Furniture, Paper Products, Printing***
	3.1	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	124.0	118.5	116.0	128.5	123.6	123.2	111.9	112.8	119.5	116.2	120.4	125.1	121.2	115.8	120.1	*Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials*
	3.2	1.15	17	Pembuatan kertas dan produk kertas	150.1	167.7	165.1	148.7	172.6	168.6	136.9	153.6	161.0	140.7	159.7	163.3	143.9	149.7	154.1	*Manufacture of paper and paper products*
	3.3	0.93	18	Percetakan dan penerbitan semula media rakaman	138.1	140.9	158.2	149.3	154.3	169.7	127.6	129.4	145.7	138.7	143.8	157.8	124.6	132.2	143.2	*Printing and reproduction of recorded media*
	3.4	1.04	31	Pembuatan perabot	119.7	135.5	139.0	125.3	138.9	143.6	120.3	107.9	131.4	129.5	113.5	135.9	129.5	123.5	131.7	*Manufacture of furniture*
4.		**20.60**		**Produk Petroleum, Kimia, Getah dan Plastik**	**134.1**	**130.4**	**126.4**	**136.8**	**134.8**	**132.3**	**124.3**	**132.9**	**130.3**	**129.7**	**139.0**	**134.7**	**131.3**	**130.1**	**134.2**	***Petroleum, Chemical, Rubber and Plastic Products***
	4.1	9.36	19	Pembuatan kok dan produk petroleum bertapis	122.0	121.0	111.3	120.8	122.3	114.6	108.7	117.5	118.1	113.2	120.4	119.2	120.0	118.1	119.6	*Manufacture of coke and refined petroleum products*
	4.2	6.37	20	Pembuatan kimia dan produk kimia	132.9	127.8	130.3	133.4	129.9	134.6	125.9	133.3	130.4	130.0	138.7	132.6	124.4	129.7	132.5	*Manufacture of chemicals and chemical products*
	4.3	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	177.9	154.3	175.5	182.3	162.8	185.5	163.1	176.1	169.2	174.4	186.9	176.8	169.7	168.4	178.1	*Manufacture of basic pharmaceuticals, medicinal chemical and botanical products*
	4.4	4.49	22	Pembuatan produk getah dan plastik	157.2	151.5	148.3	171.3	165.5	161.5	151.4	160.9	152.3	160.0	174.2	166.1	161.2	152.6	163.4	*Manufacture of rubber and plastics products*
5.		**9.11**		**Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka**	**132.7**	**135.5**	**134.8**	**139.5**	**140.4**	**140.2**	**111.8**	**117.0**	**134.3**	**122.2**	**127.5**	**140.0**	**116.5**	**122.5**	**131.4**	***Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products***
	5.1	2.97	23	Pembuatan produk galian bukan logam lain	131.6	134.1	139.3	138.5	138.0	144.1	101.5	109.8	135.0	111.8	119.9	140.2	113.7	118.8	127.2	*Manufacture of other non-metallic mineral products*
	5.2	2.35	24	Pembuatan logam asas	132.3	135.3	125.8	136.0	138.5	127.3	120.9	124.1	131.1	129.1	133.5	133.9	121.9	125.5	131.3	*Manufacture of basic metals*
	5.3	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan	133.9	136.7	136.8	142.6	143.4	145.0	114.1	118.3	135.8	126.2	129.8	143.7	115.3	123.5	134.7	*Manufacture of fabricated metal products, except machinery and equipment*
6.		**18.23**		**Produk Peralatan Elektrik dan Elektronik**	**172.1**	**167.6**	**163.5**	**177.2**	**182.5**	**178.8**	**165.3**	**175.5**	**167.7**	**170.8**	**185.5**	**179.5**	**168.8**	**165.9**	**173.7**	***Electrical and Electronics Products***
	6.1	13.89	26	Pembuatan komputer, produk elektronik dan optikal	181.5	175.1	171.3	186.7	192.9	188.6	168.4	182.9	176.0	175.3	194.9	189.4	175.4	171.9	181.8	*Manufacture of computer, electronics and optical products*
	6.2	2.20	27	Pembuatan kelengkapan elektrik	153.3	137.9	135.3	159.9	139.4	141.5	153.1	151.8	142.2	149.9	154.3	146.9	148.4	147.2	147.8	*Manufacture of electrical equipment*
	6.3	2.14	28	Pembuatan jentera dan peralatan t.t.t.l.	129.8	149.2	141.5	133.3	159.6	153.3	157.6	151.7	140.2	163.4	156.4	148.7	146.7	146.1	148.0	*Manufacture of machinery and equipment n.e.c.*
7.		**5.87**		**Kelengkapan Pengangkutan dan Pembuatan Lain**	**132.3**	**138.7**	**132.2**	**131.1**	**131.2**	**128.9**	**135.2**	**131.5**	**134.4**	**142.9**	**133.3**	**130.4**	**130.0**	**135.3**	**137.6**	***Transport Equipment and Other Manufactures***
	7.1	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler	136.4	143.4	141.5	131.8	127.8	131.8	153.2	143.0	140.4	162.6	142.2	130.4	141.7	148.2	148.4	*Manufacture of motor vehicles, trailers and semi-trailers*
	7.2	1.19	30	Pembuatan kelengkapan pengangkutan lain	108.9	121.3	111.6	109.8	122.3	112.3	97.3	109.1	113.9	101.9	112.0	114.8	104.8	107.6	110.8	*Manufacture of other transport equipment*
	7.3	0.74	32	Pembuatan lain	133.2	133.4	126.9	134.2	135.8	131.5	119.1	112.5	131.2	124.4	117.1	133.8	118.2	121.3	125.2	*Other manufacturing*
	7.4	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan	150.7	151.4	131.0	158.5	154.6	140.6	135.1	136.7	144.4	143.1	145.5	151.2	132.1	138.6	146.3	*Repair and installation of machinery and equipment*

Jadual 5.1: Peratus Perubahan Indeks Pembuatan Peringkat Bahagian

Table 5.1: Percentage Change of Manufacturing Indices at Division Level

Bil. / *No.*		Wajaran/ *Weights 2015*	Kod/ *Codes*	Keterangan/ Tempoh	% Perubahan tahun ke tahun/ *Change year-on-year*										% Perubahan bulan ke bulan/ *Change month-on-month*				% Perubahan suku tahun ke suku tahun/ *Change quarter-on-quarter*				*Description/ Period*
					Nov. 2023	Dec. 2023	Nov. 2024	Dec. 2024	Q3 2023	Q4 2023	Q3 2024	Q4 2024	Jan.-Dis. 2023	Jan.-Dis. 2024	Nov. 2023	Dec. 2023	Nov. 2024	Dec. 2024	Q3 2023	Q4 2023	Q3 2024	Q4 2024	
		68.25	**C**	**PEMBUATAN**	**-0.1**	**-1.4**	**4.6**	**5.8**	**-0.1**	**-0.2**	**5.8**	**4.5**	**0.7**	**4.4**	**-0.3**	**-2.6**	**1.0**	**-1.5**	**5.5**	**0.6**	**6.4**	**-0.5**	**MANUFACTURING**
12.5		**8.55**		**Makanan, Minuman dan Tembakau**	**8.9**	**5.7**	**5.2**	**7.7**	**4.3**	**7.0**	**8.4**	**6.8**	**5.4**	**5.4**	**1.2**	**-4.1**	**-1.2**	**-1.9**	**9.1**	**0.1**	**12.0**	**-1.3**	***Food, Beverages and Tobacco***
	1.1	7.39	10	Pembuatan produk makanan	9.6	5.6	4.8	7.3	4.2	7.2	8.2	6.6	5.3	5.0	-0.2	-4.7	-3.1	-2.5	13.1	-1.9	16.4	-3.3	*Manufacture of food products*
	1.2	0.65	11	Pembuatan minuman	4.4	6.7	9.8	11.8	0.9	5.4	7.1	8.8	1.8	7.0	0.4	4.6	5.2	6.5	-1.1	6.8	-0.1	8.6	*Manufacture of beverages*
	1.3	0.52	12	Pembuatan produk tembakau	3.7	4.9	5.3	7.5	13.9	5.8	16.2	6.9	13.9	10.0	32.9	-6.3	29.0	-4.3	-35.1	37.1	-32.2	26.2	*Manufacture of tobacco products*
2.		**1.33**		**Produk Tekstil, Pakaian, Kulit dan Kasut**	**0.7**	**-2.3**	**-0.7**	**1.1**	**0.4**	**-0.1**	**4.7**	**0.6**	**1.1**	**2.5**	**11.3**	**-7.6**	**8.9**	**-5.9**	**3.7**	**15.7**	**4.6**	**11.2**	***Textiles, Wearing Apparel, Leather Products and Footwear***
	2.1	0.58	13	Pembuatan tekstil	-4.8	-6.1	0.6	2.1	-6.1	-5.6	3.3	0.8	-4.7	2.7	10.0	-11.7	10.9	-10.3	5.4	5.5	2.3	2.9	*Manufacture of textiles*
	2.2	0.60	14	Pembuatan pakaian	3.3	-2.2	-3.7	-1.9	5.5	2.3	5.0	-1.4	4.6	1.4	11.1	-7.1	5.3	-5.4	7.1	28.9	10.5	21.1	*Manufacture of wearing apparel*
	2.3	0.15	15	Pembuatan produk kulit dan barangan berkaitan	8.2	9.0	7.2	9.9	5.2	8.5	7.8	8.0	7.7	6.1	16.6	2.6	17.3	5.2	-9.8	3.0	-5.2	3.2	*Manufacture of leather and related products*
3.		**4.56**		**Produk Kayu, Perabot, Keluaran Kertas, Percetakan**	**3.6**	**3.7**	**4.6**	**4.6**	**0.8**	**4.0**	**6.5**	**4.2**	**0.0**	**5.1**	**5.2**	**2.1**	**6.3**	**2.1**	**1.6**	**10.1**	**2.7**	**7.8**	***Wood Products, Furniture, Paper Products, Printing***
	3.1	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	-1.9	-3.0	4.4	6.2	-2.8	-1.0	6.8	4.7	-4.5	3.7	-4.5	-2.0	-3.8	-0.3	0.7	6.0	3.6	3.9	*Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials*
	3.2	1.15	17	Pembuatan kertas dan produk kertas	8.1	5.8	2.9	2.2	2.8	6.2	3.9	1.5	4.1	3.0	11.8	-1.6	16.1	-2.3	12.2	4.8	13.5	2.3	*Manufacture of paper and paper products*
	3.3	0.93	18	Percetakan dan penerbitan semula media rakaman	3.0	4.5	9.5	7.3	9.0	5.5	11.1	8.3	6.1	8.3	2.0	12.3	3.4	10.0	1.4	12.6	3.7	9.7	*Printing and reproduction of recorded media*
	3.4	1.04	31	Pembuatan perabot	5.2	8.5	2.5	3.3	-4.5	6.2	5.1	3.4	-4.6	6.6	13.2	2.6	10.8	3.4	-10.3	21.7	-12.4	19.8	*Manufacture of furniture*
30.2		**20.60**		**Produk Petroleum, Kimia, Getah dan Plastik**	**0.1**	**-2.7**	**3.4**	**4.7**	**-2.9**	**-0.9**	**4.6**	**3.3**	**-0.9**	**3.2**	**-2.8**	**-3.0**	**-1.5**	**-1.9**	**6.9**	**-2.0**	**7.2**	**-3.1**	***Petroleum, Chemical, Rubber and Plastic Products***
13.7	4.1	9.36	19	Pembuatan kok dan produk petroleum bertapis	-1.8	-4.6	1.1	3.0	-8.5	-3.5	2.4	1.0	-1.6	1.3	-0.8	-8.1	1.3	-6.3	8.2	0.5	6.3	-1.0	*Manufacture of coke and refined petroleum products*
	4.2	6.37	20	Pembuatan kimia dan produk kimia	2.6	-1.1	1.6	3.3	7.0	2.5	4.1	1.7	4.2	2.2	-3.8	1.9	-2.6	3.6	5.8	-2.2	6.7	-4.4	*Manufacture of chemicals and chemical products*
	4.3	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	-6.5	-0.2	5.5	5.7	-5.1	-2.9	6.1	4.5	-0.7	5.7	-13.2	13.7	-10.7	13.9	8.0	-3.9	7.2	-5.4	*Manufacture of basic pharmaceuticals, medicinal chemical and botanical products*
	4.4	4.49	22	Pembuatan produk getah dan plastik	0.9	-1.7	9.3	8.9	-4.1	-0.4	8.3	9.1	-5.3	7.0	-3.7	-2.1	-3.4	-2.4	6.3	-5.3	8.9	-4.6	*Manufacture of rubber and plastics products*
5.		**9.11**		**Produk Mineral Bukan Logam, Logam Asas dan Produk Logam yang Direka**	**7.0**	**6.0**	**3.6**	**4.0**	**5.5**	**6.2**	**9.0**	**4.2**	**5.2**	**7.3**	**2.1**	**-0.5**	**0.6**	**-0.1**	**4.7**	**14.8**	**4.3**	**9.8**	***Non-metallic Mineral Products, Basic Metal and Fabricated Metal Products***
	5.1	2.97	23	Pembuatan produk galian bukan logam lain	6.9	5.3	2.9	3.5	4.9	6.2	9.2	3.9	4.5	7.1	1.9	3.9	-0.3	4.4	8.1	23.0	7.3	17.0	*Manufacture of other non-metallic mineral products*
	5.2	2.35	24	Pembuatan logam asas	4.3	1.1	2.4	1.2	2.8	2.6	7.6	2.2	3.0	4.6	2.3	-7.0	1.9	-8.1	2.7	5.6	3.5	0.3	*Manufacture of basic metals*
	5.3	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan	8.9	9.7	4.9	6.0	7.8	8.5	9.8	5.8	7.1	9.1	2.1	0.1	0.6	1.1	3.6	14.8	2.9	10.7	*Manufacture of fabricated metal products, except machinery and equipment*
26.7		**18.23**		**Produk Peralatan Elektrik dan Elektronik**	**-6.8**	**-6.7**	**8.9**	**9.4**	**-2.4**	**-5.8**	**5.7**	**7.0**	**-1.7**	**4.7**	**-2.6**	**-2.5**	**3.0**	**-2.1**	**6.2**	**-4.4**	**8.6**	**-3.2**	***Electrical and Electronics Products***
20.3	6.1	13.89	26	Pembuatan komputer, produk elektronik dan optikal	-8.6	-7.2	10.2	10.1	-2.4	-6.7	6.6	7.6	-2.0	5.8	-3.5	-2.2	3.3	-2.2	8.6	-3.8	11.2	-2.8	*Manufacture of computer, electronics and optical products*
	6.2	2.20	27	Pembuatan kelengkapan elektrik	-1.1	-7.6	1.1	4.6	0.2	-3.7	1.6	3.4	-0.8	0.4	-10.1	-1.9	-12.8	1.5	-0.9	-6.3	2.9	-4.8	*Manufacture of electrical equipment*
	6.3	2.14	28	Pembuatan jentera dan peralatan t.t.t.l.	3.5	-1.6	7.0	8.3	-4.5	0.1	3.1	6.1	-0.4	1.3	14.9	-5.1	19.7	-4.0	-3.7	-7.6	-4.3	-4.9	*Manufacture of machinery and equipment n.e.c.*
7.		**5.87**		**Kelengkapan Pengangkutan dan Pembuatan Lain**	**1.4**	**-0.5**	**-5.4**	**-2.5**	**4.8**	**2.6**	**1.4**	**-3.0**	**4.1**	**1.7**	**4.8**	**-4.6**	**0.0**	**-1.7**	**-2.7**	**2.2**	**-6.7**	**-2.2**	***Transport Equipment and Other Manufactures***
	7.1	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler	0.4	-2.5	-10.9	-6.9	6.0	2.4	-0.6	-7.1	4.5	0.1	5.1	-1.3	-3.1	3.1	-6.6	-1.8	-12.6	-8.3	*Manufacture of motor vehicles, trailers and semi-trailers*
	7.2	1.19	30	Pembuatan kelengkapan pengangkutan lain	2.0	-0.4	0.8	0.6	2.6	1.1	2.6	0.8	2.7	3.0	11.4	-8.0	11.3	-8.2	12.2	4.4	9.9	2.5	*Manufacture of other transport equipment*
	7.3	0.74	32	Pembuatan lain	2.8	6.1	1.8	3.6	0.8	4.1	4.1	2.0	2.7	3.2	0.2	-4.9	1.2	-3.2	-5.5	16.5	-5.8	14.2	*Other manufacturing*
	7.4	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan	3.2	2.6	2.1	7.4	5.6	3.6	6.4	4.8	4.9	5.6	0.5	-13.5	-2.4	-9.1	1.2	5.6	1.6	4.0	*Repair and installation of machinery and equipment*

Jadual 6: Indeks Pembuatan mengikut Industri Berorientasikan Eksport dan Domestik (2015=100)

Table 6: Manufacturing Indices by Exports and Domestic Oriented Industries (2015=100)

Bil. / *No.*	Wajaran/ *Weights 2015*	Kod/ *Codes*	Keterangan/Tempoh	Oct. 2023	Nov. 2023	Dec. 2023	Oct. 2024	Nov. 2024	Dec. 2024	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Jan.-Dis. 2022	Jan.-Dis. 2023	Jan.-Dis. 2024	*Description/ Period*
	68.25	**C**	**PEMBUATAN**	**144.7**	**144.3**	**140.6**	**149.5**	**151.0**	**148.7**	**137.7**	**134.9**	**142.3**	**143.2**	**140.9**	**141.5**	**150.5**	**149.7**	**138.5**	**139.5**	**145.7**	***MANUFACTURING***
1.	**45.82**		**Industri Berorientasikan Eksport**	**147.0**	**143.9**	**139.1**	**151.8**	**152.3**	**148.6**	**138.0**	**136.7**	**145.7**	**143.3**	**139.3**	**142.2**	**154.1**	**150.9**	**142.5**	**140.9**	**146.6**	***Export Oriented Industries***
1.1	3.71	104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	121.1	115.5	105.3	136.4	119.6	110.9	94.5	91.4	106.4	114.0	85.2	97.1	122.8	122.3	97.3	101.6	106.8	*Manufacture of vegetable and animal oils and fats*
1.2	0.58	13	Pembuatan tekstil	114.8	126.2	111.5	114.5	127.0	113.9	125.0	105.7	111.3	117.5	125.8	112.5	115.1	118.5	120.5	114.9	118.0	*Manufacture of textiles*
1.3	0.60	14	Pembuatan pakaian	144.9	161.0	149.6	147.2	155.1	146.7	141.4	109.9	117.8	151.8	142.8	111.9	123.7	149.7	124.6	130.2	132.0	*Manufacture of wearing apparel*
1.4	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	124.0	118.5	116.0	128.5	123.6	123.2	119.0	111.9	112.8	119.5	118.5	116.2	120.4	125.1	121.2	115.8	120.1	*Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials*
1.5	9.36	19	Pembuatan kok dan produk petroleum bertapis	122.0	121.0	111.3	120.8	122.3	114.6	128.0	108.7	117.5	118.1	125.7	113.2	120.4	119.2	120.0	118.1	119.6	*Manufacture of coke and refined petroleum products*
1.6	6.37	20	Pembuatan kimia dan produk kimia	132.9	127.8	130.3	133.4	129.9	134.6	129.2	125.9	133.3	130.4	128.7	130.0	138.7	132.6	124.4	129.7	132.5	*Manufacture of chemicals and chemical products*
1.7	2.22	221	Pembuatan produk getah	177.6	161.0	168.8	197.0	176.8	188.8	174.4	179.7	178.1	169.1	184.3	191.5	196.1	187.5	188.8	175.3	189.9	*Manufacture of rubber products*
1.8	2.26	222	Pembuatan produk plastik	137.2	142.1	128.2	146.2	154.5	134.8	117.9	123.6	144.0	135.8	122.5	129.1	152.8	145.2	134.2	130.3	137.4	*Manufacture of plastics products*
1.9	13.89	26	Pembuatan komputer, produk elektronik dan optikal	181.5	175.1	171.3	186.7	192.9	188.6	160.2	168.4	182.9	176.0	167.5	175.3	194.9	189.4	175.4	171.9	181.8	*Manufacture of computer, electronics and optical products*
1.10	2.20	27	Pembuatan kelengkapan elektrik	153.3	137.9	135.3	159.9	139.4	141.5	141.8	153.1	151.8	142.2	140.0	149.9	154.3	146.9	148.4	147.2	147.8	*Manufacture of electrical equipment*
1.11	2.14	28	Pembuatan jentera dan peralatan t.t.t.l.	129.8	149.2	141.5	133.3	159.6	153.3	135.1	157.6	151.7	140.2	123.6	163.4	156.4	148.7	146.7	146.1	148.0	*Manufacture of machinery and equipment n.e.c.*
1.12	1.04	31	Pembuatan perabot	119.7	135.5	139.0	125.3	138.9	143.6	134.5	120.3	107.9	131.4	148.0	129.5	113.5	135.9	129.5	123.5	131.7	*Manufacture of furniture*
2.	**22.44**		**Industri Berorientasikan Domestik**	**140.1**	**145.2**	**143.6**	**144.7**	**148.4**	**149.0**	**137.2**	**131.2**	**135.4**	**143.0**	**144.2**	**140.1**	**143.1**	**147.4**	**130.3**	**136.7**	**143.7**	***Domestic Oriented Industries***
2.1	3.68	10 (Kecuali 104)	Pembuatan produk prosesan makanan	169.8	174.9	171.5	177.4	184.7	186.0	155.3	166.4	185.1	172.1	163.1	174.0	192.6	182.7	160.4	169.7	178.1	*Manufacture of food processing products*
2.2	0.65	11	Pembuatan minuman	145.6	146.2	153.0	152.6	160.5	171.0	123.2	140.4	138.8	148.3	130.3	148.8	148.6	161.4	135.3	137.7	147.3	*Manufacture of beverages*
2.3	0.52	12	Pembuatan produk tembakau	93.6	124.4	116.5	101.5	130.9	125.3	147.4	125.2	81.3	111.5	158.8	139.3	94.5	119.2	102.2	116.4	127.9	*Manufacture of tobacco products*
2.4	0.15	15	Pembuatan produk kulit dan barangan berkaitan	137.6	160.3	164.5	146.6	171.9	180.8	153.9	165.9	149.6	154.1	163.8	170.1	161.3	166.4	144.7	155.9	165.4	*Manufacture of leather and related products*
2.5	1.15	17	Pembuatan kertas dan produk kertas	150.1	167.7	165.1	148.7	172.6	168.6	147.3	136.9	153.6	161.0	152.9	140.7	159.7	163.3	143.9	149.7	154.1	*Manufacture of paper and paper products*
2.6	0.93	18	Percetakan dan penerbitan semula media rakaman	138.1	140.9	158.2	149.3	154.3	169.7	126.2	127.6	129.4	145.7	132.7	138.7	143.8	157.8	124.6	132.2	143.2	*Printing and reproduction of recorded media*
2.7	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	177.9	154.3	175.5	182.3	162.8	185.5	165.3	163.1	176.1	169.2	174.2	174.4	186.9	176.8	169.7	168.4	178.1	*Manufacture of basic pharmaceuticals, medicinal chemical and botanical products*
2.8	2.97	23	Pembuatan produk galian bukan logam lain	131.6	134.1	139.3	138.5	138.0	144.1	128.8	101.5	109.8	135.0	137.0	111.8	119.9	140.2	113.7	118.8	127.2	*Manufacture of other non-metallic mineral products*
2.9	2.35	24	Pembuatan logam asas	132.3	135.3	125.8	136.0	138.5	127.3	126.0	120.9	124.1	131.1	128.6	129.1	133.5	133.9	121.9	125.5	131.3	*Manufacture of basic metals*
2.10	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan	133.9	136.7	136.8	142.6	143.4	145.0	125.8	114.1	118.3	135.8	139.0	126.2	129.8	143.7	115.3	123.5	134.7	*Manufacture of fabricated metal products, except machinery and equipment*
2.11	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler	136.4	143.4	141.5	131.8	127.8	131.8	156.0	153.2	143.0	140.4	158.2	162.6	142.2	130.4	141.7	148.2	148.4	*Manufacture of motor vehicles, trailers and semi-trailers*
2.12	1.19	30	Pembuatan kelengkapan pengangkutan lain	108.9	121.3	111.6	109.8	122.3	112.3	110.1	97.3	109.1	113.9	114.5	101.9	112.0	114.8	104.8	107.6	110.8	*Manufacture of other transport equipment*
2.13	0.74	32	Pembuatan lain	133.2	133.4	126.9	134.2	135.8	131.5	122.6	119.1	112.5	131.2	125.5	124.4	117.1	133.8	118.2	121.3	125.2	*Other manufacturing*
1.13	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan	150.7	151.4	131.0	158.5	154.6	140.6	138.4	135.1	136.7	144.4	145.5	143.1	145.5	151.2	132.1	138.6	146.3	*Repair and installation of machinery and equipment*

Jadual 6.1: Peratus Perubahan Indeks Pembuatan mengikut Industri Berorientasikan Eksport dan Domestik

Table 6.1: Percentage Change of Manufacturing Indices by Exports and Domestic Oriented Industries

Bil. / *No.*	Wajaran/ *Weights 2015*	Kod/ *Codes*	Keterangan/Tempoh	% Perubahan tahun ke tahun/ *Change year-on-year*										% Perubahan bulan ke bulan/ *Change month-on-month*				% Perubahan suku tahun ke suku tahun/ *Change quarter-on-quarter*				*Description/ Period*
				Nov. 2023	Dec. 2023	Nov. 2024	Dec. 2024	Q3 2023	Q4 2023	Q3 2024	Q4 2024	Jan.-Dis. 2023	Jan.-Dis. 2024	Nov. 2023	Dec. 2023	Nov. 2024	Dec. 2024	Q3 2023	Q4 2023	Q3 2024	Q4 2024	
	68.25	**C**	**PEMBUATAN**	**-0.1**	**-1.4**	**4.6**	**5.8**	**-0.1**	**-0.2**	**5.8**	**4.5**	**0.7**	**4.4**	**-0.3**	**-2.6**	**1.0**	**-1.5**	**5.5**	**0.6**	**6.4**	**-0.5**	***MANUFACTURING***
1.	**45.82**		**Industri Berorientasikan Eksport**	**-2.7**	**-4.1**	**5.8**	**6.8**	**-2.4**	**-2.8**	**5.8**	**5.3**	**-1.1**	**4.0**	**-2.2**	**-3.3**	**0.3**	**-2.4**	**6.6**	**-1.6**	**8.4**	**-2.1**	***Export Oriented Industries***
1.1	3.71	104	Pembuatan minyak dan lemak daripada sayuran dan haiwan	7.8	4.7	3.6	5.3	-0.3	5.0	15.3	7.3	4.4	5.2	-4.6	-8.8	-12.3	-7.3	16.4	7.1	26.4	-0.4	*Manufacture of vegetable and animal oils and fats*
1.2	0.58	13	Pembuatan tekstil	-4.8	-6.1	0.6	2.1	-6.1	-5.6	3.3	0.8	-4.7	2.7	10.0	-11.7	10.9	-10.3	5.4	5.5	2.3	2.9	*Manufacture of textiles*
1.3	0.60	14	Pembuatan pakaian	3.3	-2.2	-3.7	-1.9	5.5	2.3	5.0	-1.4	4.6	1.4	11.1	-7.1	5.3	-5.4	7.1	28.9	10.5	21.1	*Manufacture of wearing apparel*
1.4	1.44	16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman	-1.9	-3.0	4.4	6.2	-2.8	-1.0	6.8	4.7	-4.5	3.7	-4.5	-2.0	-3.8	-0.3	0.7	6.0	3.6	3.9	*Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials*
1.5	9.36	19	Pembuatan kok dan produk petroleum bertapis	-1.8	-4.6	1.1	3.0	-8.5	-3.5	2.4	1.0	-1.6	1.3	-0.8	-8.1	1.3	-6.3	8.2	0.5	6.3	-1.0	*Manufacture of coke and refined petroleum products*
1.6	6.37	20	Pembuatan kimia dan produk kimia	2.6	-1.1	1.6	3.3	7.0	2.5	4.1	1.7	4.2	2.2	-3.8	1.9	-2.6	3.6	5.8	-2.2	6.7	-4.4	*Manufacture of chemicals and chemical products*
1.7	2.22	221	Pembuatan produk getah	-0.5	-4.0	9.8	11.9	-6.4	-2.0	10.1	10.9	-7.1	8.3	-9.3	4.8	-10.2	6.8	-0.9	-5.0	2.4	-4.4	*Manufacture of rubber products*
1.8	2.26	222	Pembuatan produk plastik	2.4	1.3	8.7	5.2	-1.1	1.6	6.1	6.9	-2.9	5.4	3.6	-9.8	5.7	-12.7	16.5	-5.7	18.3	-5.0	*Manufacture of plastics products*
1.9	13.89	26	Pembuatan komputer, produk elektronik dan optikal	-8.6	-7.2	10.2	10.1	-2.4	-6.7	6.6	7.6	-2.0	5.8	-3.5	-2.2	3.3	-2.2	8.6	-3.8	11.2	-2.8	*Manufacture of computer, electronics and optical products*
1.10	2.20	27	Pembuatan kelengkapan elektrik	-1.1	-7.6	1.1	4.6	0.2	-3.7	1.6	3.4	-0.8	0.4	-10.1	-1.9	-12.8	1.5	-0.9	-6.3	2.9	-4.8	*Manufacture of electrical equipment*
1.11	2.14	28	Pembuatan jentera dan peralatan t.t.t.l.	3.5	-1.6	7.0	8.3	-4.5	0.1	3.1	6.1	-0.4	1.3	14.9	-5.1	19.7	-4.0	-3.7	-7.6	-4.3	-4.9	*Manufacture of machinery and equipment n.e.c.*
1.12	1.04	31	Pembuatan perabot	5.2	8.5	2.5	3.3	-4.5	6.2	5.1	3.4	-4.6	6.6	13.2	2.6	10.8	3.4	-10.3	21.7	-12.4	19.8	*Manufacture of furniture*
2.	**22.44**		**Industri Berorientasikan Domestik**	**5.8**	**4.2**	**2.2**	**3.7**	**5.3**	**5.5**	**5.7**	**3.1**	**4.9**	**5.1**	**3.7**	**-1.1**	**2.6**	**0.4**	**3.2**	**5.6**	**2.1**	**3.0**	***Domestic Oriented Industries***
2.1	3.68	10 (Kecuali 104)	Pembuatan produk prosesan makanan	10.9	6.2	5.6	8.5	7.0	8.8	4.0	6.2	5.8	4.9	3.0	-2.0	4.1	0.7	11.2	-7.0	10.7	-5.1	*Manufacture of food processing products*
2.2	0.65	11	Pembuatan minuman	4.4	6.7	9.8	11.8	0.9	5.4	7.1	8.8	1.8	7.0	0.4	4.6	5.2	6.5	-1.1	6.8	-0.1	8.6	*Manufacture of beverages*
2.3	0.52	12	Pembuatan produk tembakau	3.7	4.9	5.3	7.5	13.9	5.8	16.2	6.9	13.9	10.0	32.9	-6.3	29.0	-4.3	-35.1	37.1	-32.2	26.2	*Manufacture of tobacco products*
2.4	0.15	15	Pembuatan produk kulit dan barangan berkaitan	8.2	9.0	7.2	9.9	5.2	8.5	7.8	8.0	7.7	6.1	16.6	2.6	17.3	5.2	-9.8	3.0	-5.2	3.2	*Manufacture of leather and related products*
2.5	1.15	17	Pembuatan kertas dan produk kertas	8.1	5.8	2.9	2.2	2.8	6.2	3.9	1.5	4.1	3.0	11.8	-1.6	16.1	-2.3	12.2	4.8	13.5	2.3	*Manufacture of paper and paper products*
2.6	0.93	18	Percetakan dan penerbitan semula media rakaman	3.0	4.5	9.5	7.3	9.0	5.5	11.1	8.3	6.1	8.3	2.0	12.3	3.4	10.0	1.4	12.6	3.7	9.7	*Printing and reproduction of recorded media*
2.7	0.38	21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani	-6.5	-0.2	5.5	5.7	-5.1	-2.9	6.1	4.5	-0.7	5.7	-13.2	13.7	-10.7	13.9	8.0	-3.9	7.2	-5.4	*Manufacture of basic pharmaceuticals, medicinal chemical and botanical products*
2.8	2.97	23	Pembuatan produk galian bukan logam lain	6.9	5.3	2.9	3.5	4.9	6.2	9.2	3.9	4.5	7.1	1.9	3.9	-0.3	4.4	8.1	23.0	7.3	17.0	*Manufacture of other non-metallic mineral products*
2.9	2.35	24	Pembuatan logam asas	4.3	1.1	2.4	1.2	2.8	2.6	7.6	2.2	3.0	4.6	2.3	-7.0	1.9	-8.1	2.7	5.6	3.5	0.3	*Manufacture of basic metals*
2.10	3.79	25	Pembuatan produk logam yang direka, kecuali mesin dan kelengkapan	8.9	9.7	4.9	6.0	7.8	8.5	9.8	5.8	7.1	9.1	2.1	0.1	0.6	1.1	3.6	14.8	2.9	10.7	*Manufacture of fabricated metal products, except machinery and equipment*
2.11	3.17	29	Pembuatan kenderaan bermotor, treler dan semi treler	0.4	-2.5	-10.9	-6.9	6.0	2.4	-0.6	-7.1	4.5	0.1	5.1	-1.3	-3.1	3.1	-6.6	-1.8	-12.6	-8.3	*Manufacture of motor vehicles, trailers and semi-trailers*
2.12	1.19	30	Pembuatan kelengkapan pengangkutan lain	2.0	-0.4	0.8	0.6	2.6	1.1	2.6	0.8	2.7	3.0	11.4	-8.0	11.3	-8.2	12.2	4.4	9.9	2.5	*Manufacture of other transport equipment*
2.13	0.74	32	Pembuatan lain	2.8	6.1	1.8	3.6	0.8	4.1	4.1	2.0	2.7	3.2	0.2	-4.9	1.2	-3.2	-5.5	16.5	-5.8	14.2	*Other manufacturing*
1.13	0.76	33	Membaiki dan pemasangan jentera dan kelengkapan	3.2	2.6	2.1	7.4	5.6	3.6	6.4	4.8	4.9	5.6	0.5	-13.5	-2.4	-9.1	1.2	5.6	1.6	4.0	*Repair and installation of machinery and equipment*

NOTA TEKNIKAL

TECHNICAL NOTES



INDEKS PENGELUARAN PERINDUSTRIAN MALAYSIA (2015=100)

1. Pengenalan

Penerbitan bulan rujukan Januari 2018 adalah keluaran pertama yang menggunakan 2015 sebagai tahun asas dalam pembentukan Indeks Pengeluaran Perindustrian (IPP), Malaysia. Tahun asas 2015 ini menggantikan tahun asas 2010 yang telah digunakan sebelum ini. Pengasasan semula tahun asas ini merupakan kali kesembilan dilaksanakan oleh Jabatan Perangkaan Malaysia.

IPP merangkumi tiga sektor utama iaitu Perlombongan, Pembuatan dan Elektrik. Liputan ini adalah selaras dengan definisi sektor perindustrian dalam **International Recommendations for the Index of Industrial Production (IRIIP) 2010** yang dikeluarkan oleh United Nations.

2. Objektif

Objektif utama IPP adalah untuk mengukur kadar perubahan sebenar pengeluaran komoditi perindustrian bagi satu tempoh masa. Maklumat daripada indikator jangka pendek ini dapat digunakan untuk membantu pengguna dalam merangka dasar serta membuat keputusan.

3. Tujuan Pengasasan Semula

Pengasasan semula adalah penting bagi memenuhi keperluan permintaan untuk mendapatkan pengukuran yang lebih tepat dan boleh dipercayai. Pengasasan semula dan perubahan wajaran dilakukan bagi memastikan:

i. skop dan liputan indeks memenuhi keperluan pengguna;

ii. struktur indeks menggambarkan keadaan aktiviti industri terkini; dan

iii. wajaran yang digunakan mencerminkan kepentingan industri yang terlibat.

4. Sumber Data Pengasasan Semula

Data daripada Banci Ekonomi bagi Industri Perlombongan dan Pengkuarian dan Banci Ekonomi bagi sektor Pembuatan tahun rujukan 2015 telah digunakan untuk mengasas semula indeks bagi kedua-dua sektor ini. Manakala data daripada Tenaga Nasional Berhad (TNB) termasuk pengeluar tenaga bebas, Sabah Electricity Sdn Bhd (SESB) dan Sarawak Energy Berhad (SEB) bagi tahun yang sama telah digunakan untuk mengemaskini wajaran sektor elektrik.

5. Skop dan Liputan

Sektor **Perlombongan** meliputi pengeluaran minyak mentah dan gas asli yang mana kesemuanya menyumbang sebanyak 83.1% kepada nilai output kasar dan 89.6% kepada nilai ditambah banci sektor Perlombongan pada tahun 2015.

Sektor **Pembuatan** meliputi pengeluaran **245** Industri daripada sejumlah **259** industri. Sejumlah **245** industri terpilih ini meliputi **70** kumpulan industri. Pemilihan industri dan kumpulan ini berdasarkan sumbangan masing-masing kepada **Nilai Ditambah banci** bagi sektor Pembuatan pada tahun 2015. Industri-industri terpilih ini telah menyumbangkan **99.97%** Nilai Ditambah banci dan **99.98%** nilai Output Kasar bagi sektor Pembuatan pada tahun 2015.

Industri-industri ini pula diwakili oleh pengeluaran **879 produk** yang menyumbangkan **91.70%** dari segi jumlah Nilai Jualan dalam sektor Pembuatan. Ciri utama pemilihan produk bagi industri-industri ini telah dipilih berdasarkan sumbangan produk berkeaan kepada **jumlah nilai jualan** bagi industri tersebut.

Sektor **Elektrik** pula meliputi penjanaan tenaga elektrik oleh loji yang dilesenkan untuk menjana dan menjual tenaga elektrik. Loji seumpama ini menyumbangkan **98.1%** kepada jumlah tenaga elektrik yang dijanakan pada tahun 2015.

6. Wajaran

Wajaran untuk pengiraan IPP telah diperoleh seperti berikut:

i. Peringkat Sektor

Wajaran mengikut peratus sumbangan dari segi Keluaran Dalam Negeri Kasar (KDNK) pada harga semasa 2015 bagi Malaysia dalam sektor Perlombongan, Pembuatan dan Elektrik; dan

ii. Peringkat Kumpulan dan Industri

Wajaran berdasarkan peratus kepada jumlah Nilai Ditambah Banci bagi Kumpulan dan Industri terpilih pada tahun 2015. Dalam sesebuah industri, wajaran bagi produk telah ditentukan berdasarkan peratus sumbangan nilai jualan terhadap industri berkenaan.

7. Sumber Data Bulanan

Data bulanan pengeluaran minyak mentah dan gas asli diperoleh daripada PETRONAS.

Data pengeluaran bagi **245** industri terpilih dalam sektor Pembuatan diperoleh melalui Survei Pembuatan Bulanan yang mana pertubuhan yang memberi sumbangan yang signifikan dari segi nilai jualan diliputi. Data pengeluaran bagi tiga industri lagi, iaitu minyak kelapa sawit mentah, minyak kelapa sawit bertapis dan minyak isi rong kelapa sawit diperoleh daripada Lembaga Minyak Sawit Malaysia (MPOB).

Data bulanan penjanaan tenaga elektrik diperoleh daripada Tenaga Nasional Berhad (TNB), Sabah Electricity Sdn Bhd (SESB) dan Sarawak Energy Berhad (SEB).

8. Konsep dan Definisi

Konsep dan definisi yang digunakan dalam penerbitan ini adalah berdasarkan Klasifikasi Standard Perindustrian Malaysia 2008 Ver. 1.0 yang mana selaras dengan '*International Standard Industrial Classification Of All Economic Activities (ISIC) Rev.4'*.

Perlombongan

Perlombongan merupakan sebahagian daripada Kategori "Perlombongan dan Pengkuarian". Ia ditakrifkan sebagai "pengekstrakan, pembersihan, mengeluarkan galian yang terjadi secara semulajadi sebagai pepejal seperti batu arang dan bijih, cecair seperti minyak mentah atau gas seperti gas asli. Pengekstrakan galian dijalankan melalui proses seperti perlombongan bawah tanah atau dedah, kapal korek, pengkuarian, pengoperasian telaga atau dulang sejatan atau melalui pengambilan semula daripada bijih buangan atau amang. Semua aktiviti tambahan yang bertujuan untuk penyediaan bahan mentah untuk pemasaran yang dijalankan berhampiran dengan tapak lombong seperti pengilangan, pembersihan dan mengeluarkan bijih, penapisan, pembersihan dan pengapungan juga termasuk".

Pembuatan

Pembuatan ditakrifkan sebagai "penukaran secara mekanikal atau kimia bagi bahan bukan organik atau organik kepada produk baru sama ada pekerjaan itu dilakukan oleh jentera yang digerakkan oleh kuasa atau tangan, sama ada dilakukan di kilang atau di rumah pekerja, dan sama ada produk dijual secara borong atau runcit." Pemasangan bahagian komponen produk dianggap sebagai pembuatan kecuali dalam kes yang mana kegiatan itu sesuai dikelaskan di bawah 'Pembinaan'. Pertubuhan yang kegiatan utamanya ialah kerja pembaikan turut dimasukkan dan dikelaskan mengikut jenis produk yang diperbaiki.

Elektrik

Elektrik merujuk kepada "penjanaan, pengumpulan, pemancaran atau pengagihan tenaga elektrik untuk jualan kepada pengguna isi rumah, perindustrian atau komersil".

Industri Berorientasikan Eksport dan Domestik Sektor Pembuatan

Pengelasan penentuan industri berorientasikan eksport adalah berdasarkan kepada treshold nilai eksport melebihi 50 peratus daripada nilai jualan di peringkat aggregat MSIC 3-digit dan 2-digit manakala industri dengan nilai eksport di bawah treshold berkenaan dikelaskan sebagai industri berorientasikan domestik. Penentuan pengelasan tersebut dibuat menggunakan data daripada Banci Ekonomi 2011, Banci Ekonomi 2016, Survei Ekonomi Tahunan 2018 dan Statistik Perdagangan Luar Negeri Bulanan.

9. 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.

10. Prosedur Pengiraan

Secara amnya, prosedur berikut telah digunakan untuk memperoleh IPP:

i. mengira relatif produk berdasarkan data pengeluaran;

ii. mengira indeks industri berdasarkan purata aritmetik berwajarankan relatif kuantiti; dan

iii. mengira indeks untuk kumpulan dan sektor berdasarkan kepada indeks industri yang berkenaan.

IPP yang disusun ialah satu purata aritmetik berwajarankan tahun asas bagi relatif kuantiti yang dikira mengikut formula Laspeyres:

$$\mathbf{I}i = \frac{\sum \mathbf{R}i\,\mathbf{W}i}{\sum \mathbf{W}i}$$

Di mana:

Ii ialah indeks untuk item 'i'

Ri ialah relatif produk untuk item 'i' bagi bulan berkenaan

Wi ialah wajaran tahun asas bagi item 'i'

IPP disusun pada peringkat sektor (1-digit), industri (peringkat 5-digit) dan komoditi (peringkat 10-digit) bagi sektor Perlombongan; sektor (1-digit), bahagian (peringkat 2-digit), kumpulan (peringkat 3-digit) dan industri (peringkat 5-digit) bagi sektor Pembuatan; dan pada peringkat sektor (1-digit) bagi sektor Elektrik. Di samping itu, indeks keseluruhan bagi ketiga-tiga sektor yang disatukan juga ditunjukkan.

11. 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 Hari Raya Aidilfitri 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).*

12. Menghubungkan siri lama kepada tahun asas baru

Data siri tahun asas yang lama dihubungkan dengan tahun asas yang baru untuk memastikan terdapat siri yang berterusan bagi tujuan analisis. Metodologi ini membolehkan perbandingan dari segi tahun ke atas tahun dan bulan ke atas bulan dilaksanakan berdasarkan tahun asas yang baru. Siri yang lama dihubungkan dengan tahun asas yang baru menggunakan formula berikut:

$$\text{Linked indeks (tahun asas 2015)} = \text{indeks (tahun asas 2010)} \times \text{faktor}$$

Di mana:

$$\text{faktor} = \frac{\text{indeks tahunan (tahun asas 2015)}}{\text{indeks tahunan (tahun asas 2010)}}$$

13. Frekuensi Penyusunan

IPP disusun bagi setiap bulan takwim manakala indeks suku tahunan dan tahunan pula disusun berasaskan data siri bulanan.

14. Keperluan Kerahsiaan

Data yang digunakan bagi penyusunan IPP telah dipungut di bawah peruntukan **Akta Perangkaan 1965 (pindaan-1989)**. Akta ini mensyaratkan bahawa kandungan penyata individu adalah **sulit**. Selaras dengan peruntukan dalam Akta tersebut, hanya angka agregat diterbitkan.

15. Pindaan

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

16. Simbol dan Singkatan

-	tanda negatif
t.t.t.l	tidak terkelas di tempat lain
n.a	tidak tersedia

INDUSTRIAL PRODUCTION INDEX, MALAYSIA (2015=100)

1. Introduction

The publication for reference month January 2018 is the first release using 2015 as the base year in the compilation of Industrial Production Index (IPI), Malaysia. The base year 2015 replaced the base year 2010 which has been used before. It is the ninth time rebasing of IPI has been done by the Department of Statistics, Malaysia.

The IPI covers three major sectors namely Mining, Manufacturing and Electricity. This coverage is in line with the industrial sector definition in the International Recommendations for the Index of Industrial Production (IRIIP) 2010 issued by the United Nations.

2. Objective

The main objective of the IPI is to measure the rate of change in the production of industrial commodities in real terms over time. Information from this short term indicators can be used to assist users in policy formulation and decision making.

3. The Purpose of Rebasing

Rebasing is important to meet the demand needs for more accurate and reliable measurements. The rebasing and reweighting are conducted to ensure that:

i. the scope and coverage of the index meet the needs of users;

ii. the structure of the indices reflects the current activities of the industry; and

iii. the weight used reflect the interests of the industry involved.

4. Data Sources for Rebasing

Data from the Census of Mining and Quarrying and Census of Manufacturing Industries for reference year 2015 are used to rebase the IPI for the two sectors, while data from Tenaga Nasional Berhad (TNB) (including Independent Power Producers), Sabah lectricity Sdn. Bhd. (SESB) and Sarawak Energy Berhad (SEB) for the same reference year are used to update the IPI weights for the electricity sector.

5. Scope and Coverage

The Mining sector covers the production of crude oil and natural gas which together accounted for 83.1% of the value of gross output and 89.6% of the census value added of the Mining sector in 2015.

The Manufacturing sector covers the production of 245 industries of a total of 259 industries. These 245 selected industries covered 70 groups of industry. The selection of the industries and groups is based on their contributions to the Census value added of the Manufacturing sector in 2015. These selected industries accounted for 99.97% of the Census value added and 99.98% of the Value of gross output of the Manufacturing sector in 2015. They were in turn represented by the production of 879 products which accounted for 91.70% in terms of the total sales value of the Manufacturing sector. The main characteristic for selection of products for these industries are based on of their contributions to the total sales value of that particular industry.

The electricity sector covers the generation of electricity by licensed plants to generate as well as to sell electricity. These plants accounted for 98.1% of the total electricity generated in 2015.

INDUSTRIAL PRODUCTION INDEX, MALAYSIA (2015=100)

6. Weights

The weights used for the computation of the IPI have been derived as follows:

i. Sector Level

The weights are in proportion to the Mining, Manufacturing and Electricity sectors' respective contribution to the Gross Domestic Product (GDP) of Malaysia at current prices 2015; and

ii. Group and Industry Level

The weights are based on their proportion to the total census value added of the selected Groups and Industries in 2015. Within an industry, the weights of products have been determined on the basis of their proportion to the total sales value of that industry.

7. Sources of Monthly Data

Monthly data on the production of crude oil and natural gas are obtained from PETRONAS.

Production data for 245 selected Industries in the Manufacturing sector are canvassed through the Monthly Manufacturing Survey where establishments with significant sales value are covered. Establishments with significant sales value are also covered purposively. Production data for the remaining three industries, namely crude palm oil, refined palm kernel oil and palm kernel oil are obtained from the Malaysian Palm Oil Board (MPOB).

Monthly data on the generation of electricity are obtained from Tenaga Nasional Berhad (TNB), Sabah Electricity Sdn. Bhd. (SESB) and Sarawak Energy Berhad (SEB).

8. Concepts and Definitions

The concepts and definitions used in this publication are defined in the Malaysia Standard Industrial Classification (MSIC) 2008 which adhere to that of the International Standard Industrial Classification Of All Economic Activities (ISIC), Rev. 4.

Mining

Mining is part of the Category "Mining and Quarrying". It is defined as "extraction, dressing and beneficiating of minerals occurring naturally as solids such as coal and ores, liquids such as crude oil or gases such as natural gas. Extraction of minerals is undertaken by such processes as underground or open casting (open pit) mining, dredging, quarrying, the operation of wells or evaporation pans, or by recovery from ore dumps or tailings. All supplementary activities aimed at preparing the crude materials for marketing, done generally near or at the mine site as crushing, screening, washing, clearing, grading, milling, flotation, melting, pelleting, topping are also included".

Manufacturing

Manufacturing is defined as "the mechanical or chemical transformation of inorganic or organic substances into new products whether the work is performed by power driven machines or by hand, whether it is done by the factory or in the worker's home, and whether the products are sold at wholesale or retail". Assembly of the component parts of manufactured products is considered as manufacturing except in cases where the activity is appropriately classified under 'Construction'. Establishments primarily engaged in repair work are included and classified according to the type of product repaired.

Electricity

Electricity refers to "the generation, collection, transmission or distribution of electric energy for sale to household, industrial or commercial users".

Exports and Domestic Oriented Industries of Manufacturing Sector

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

9. 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 organization at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity in terms of value. However 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.

10. Computational procedure

In general, the procedure used to derive the IPI is as follows:

i. computing the product relatives based on production data;

ii. computing industry indices based on the weighted arithmetic average of quantity relatives; and

iii. computing the indices for groups and for sectors based on the individual industry indices.

The IPI compiled is a base year weighted arithmetic average of quantity relatives computed by the Laspeyres formula:

$$I_i = \frac{\sum R_i W_i}{\sum W_i}$$

Where:

***I**i is the index for item 'i'*

***R**i is the product relative for item 'i' for the reference month*

***W**i is the base year weight for item 'i'*

The IPI is compiled at the sector (1-digit), industry (5-digit levels) and commodity (10-digit levels) for the Mining sector; sector (1-digit), division (2-digit levels), group (3-digit levels) and industry (5-digit) for the Manufacturing sector; and sector (1-digit) or the Electricity sector. In addition, an overall index for all the three sectors combined is also shown.

INDUSTRIAL PRODUCTION INDEX, MALAYSIA (2015=100)

11. 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-al 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).

12. Linking Historical to the New Base year

The historical IPI are linked to the new base year to ensure there is a continuous time series for analysis purposes. This methodology has the advantageous that it preserves the year on year as well as the month on month growth rates for the newly linked series. The series are linked to the new series by normalizing them to the new base year using the formula:

$$\text{Linked index (based 2015)} = \text{index (based 2010)} \times \text{factor}$$

Where:

$$\text{factor} = \frac{\text{annual index (based 2015)}}{\text{annual index (based 2010)}}$$

13. Fequency of Compilation

The IPI is compiled for each calendar month while the quarterly and annual indices are computed from the monthly series.

14. Confidentiality requirements

The data used for the compilation of IPI have been collected under the provisions of the Statistics Act 1965 (Revised-1989). The Act stipulates that the contents of individual return are confidential. In conformity with the stipulations of this Act, only aggregated figures are published.

15. Revision

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

16. Symbols and abbreviations

-	*negative sign*
n.e.c	*not elsewhere classified*
n.a	*not available*

LAMPIRAN

APPENDIX

Senarai Kumpulan, Industri dan Keterangan bagi Indeks Pembuatan (2010=100) berdasarkan Piawai Klasifikasi Industri Malaysia 2008, ver. 1.0

List of Group, Industry and Description of Manufacturing Index (2010=100) based on the Malaysia Standard Industrial Classification 2008, ver. 1.0

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
104	10401	Pembuatan minyak sawit mentah *Manufacture of crude palm oil*
	10402	Pembuatan minyak sawit bertapis *Manufacture of refined palm oil*
	10403	Pembuatan minyak isirong *Manufacture of palm kernel oil*
	10404	Pembuatan minyak sayuran mentah dan bertapis *Manufacture of crude and refined vegetable oil*
	10406	Pembuatan sebatian lemak masakan *Manufacture of compound cooking fats*
105	10501	Pembuatan aiskrim dan ais lain yang boleh dimakan seperti sorbet *Manufacture of ice cream and other edible ice such as sorbet*
	10502	Pembuatan susu pekat, tepung dan sejat *Manufacture of condensed, powdered and evaporated milk*
106	10611	Pengilangan beras *Rice milling*
	10613	Pengilangan tepung *Flour milling*
107	10711	Pembuatan biskut dan cookies *Manufacture of biscuits and cookies*
	10712	Pembuatan roti, kek dan produk bakeri lain *Manufacture of bread, cakes and other bakery products*
	10713	Pembuatan produk snek *Manufacture of snack products*
	10721	Pembuatan gula *Manufacture of sugar*
	10731	Pembuatan produk koko *Manufacture of cocoa products*
	10732	Pembuatan coklat dan produk coklat *Manufacture of chocolate and chocolate products*
	10733	Pembuatan konfeksi gula *Manufacture of sugar confectionery*
	10741	Pembuatan bihun, mi dan produk lain yang berkaitan *Manufacture of meehoon, noodles and other related product*
	10750	Pembuatan makanan dan hidangan tersedia *Manufacture of prepared meals and dishes*
	10791	Pembuatan kopi *Manufacture of coffee*
	10793	Pembuatan sos dan bahan perasa *Manufacture of sauces and condiments*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
	10794	Pembuatan rempah ratus dan serbuk kari *Manufacture of spices and curry powder*
	10799	Pembuatan produk makanan lain t.t.t.l. *Manufacture of other food products n.e.c.*
110	11030	Pembuatan minuman keras malt dan malt *Manufacture of malt liquors and malt*
	11041	Pembuatan minuman ringan *Manufacture of soft drinks*
	11042	Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan *Production of natural mineral waters and other bottled waters*
120	12000	Pembuatan produk tembakau *Manufacture of tobacco products*
131	13110	Penyediaan dan pemintalan gentian tekstil *Preparation and spinning of textile fibres*
	13120	Penenunan tekstil *Weaving of textiles*
	13132	Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabric *Dyeing, bleaching, printing and finishing of yarns and fabrics*
141	14102	Pembuatan pakaian *Manufacture* of clothings
151	15120	Pembuatan bagasi, beg tangan dan seumpamanya, pelana dan abah-abah *Manufacture of luggage, handbags and the like, saddlery and harness*
152	15201	Pembuatan kasut kulit *Manufacture of leather footwear*
	15203	Pembuatan kasut getah *Manufacture of rubber footwear*
161	16100	Pengilangan dan pengetaman kayu *Sawmilling and planning of wood*
162	16211	Pembuatan kepingan venier dan papan lapis *Manufacture of veneer sheets and plywood*
	16212	Pembuatan papan partikel dan papan gentian *Manufacture of particle board and fibreboard*
	16221	Pertukangan kayu untuk jurubina *Manufacture of builders' carpentry*
	16230	Pembuatan bekas kayu *Manufacture of wooden containers*
170	17010	Pembuatan pulpa, kertas dan kertas tebal *Manufacture of pulp, paper and paperboard*
	17020	Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal *Manufacture of corrugated paper and paperboard and of containers of paper and paperboard*
	17091	Pembuatan sampul surat dan kad surat *Manufacture of envelopes and letter-card*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
	17092	Pembuatan kertas kegunaan rumah dan pembersih peribadi *Manufacture of household and personal hygiene paper*
	17093	Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding *Manufacture of gummed or adhesive paper in strips or rolls and labels and wallpaper*
181	18110	Percetakan *Printing*
	18120	Aktiviti perkhidmatan berkaitan percetakan *Service activities related to printing*
192	19201	Pembuatan produk petroleum bertapis *Manufacture of refined petroleum products*
201	20111	Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat *Manufacture of liquefied or compressed inorganic industrial or medical gases*
	20112	Pembuatan kimia organik asas *Manufacture of basic organic chemicals*
	20113	Pembuatan sebatian bukan organic *Manufacture of inorganic compounds*
	20121	Pembuatan baja *Manufacture of fertilizers*
	20131	Pembuatan plastik dalam bentuk primer *Manufacture of plastics in primary forms*
202	20210	Pembuatan racun perosak dan produk agrokimia lain *Manufacture of pesticides and other agrochemical products*
	20221	Pembuatan cat, varnis dan penyadur dan mastic *Manufacture of paints, varnishes and similar coatings ink and mastics*
	20222	Pembuatan dakwat cetak *Manufacture of printing ink*
	20231	Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat *Manufacture of soap and detergents, cleaning and polishing preparations*
	20232	Pembuatan pewangi dan penyediaan dandanan diri *Manufacture of perfumes and toilet preparations*
	20291	Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials *Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials*
	20299	Pembuatan produk kimia lain t.t.t.l. *Manufacture of other chemical products n.e.c.*
210	21001	Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan *Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
221	22111	Pembuatan tayar getah untuk kenderaan *Manufacture of rubber tyres for vehicles*
	22112	Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup *Manufacture of interchangeable tyre treads and retreading rubber tyres*
	22192	Pembuatan sarung tangan getah *Manufacture of rubber gloves*
	22193	Pengilangan semula getah dan prosesan susu getah *Rubber remilling and latex processing*
	22199	Pembuatan produk getah lain yang t.t.t.l. *Manufacture of other rubber products n.e.c.*
222	22201	Pembuatan produk plastik separa siap *Manufacture of semi-manufactures of plastic products*
	22202	Pembuatan produk plastik siap *Manufacture of finished plastic products*
	22203	Pembuatan artikel plastik untuk pembungkusan barangan *Manufacture of plastic articles for the packing of goods*
	22204	Pembuatan barangan plastik jurubina *Manufacture of builders' plastics ware*
	22205	Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastic *Manufacture of plastic tableware, kitchenware and toilet articles*
	22209	Pembuatan pelbagai produk plastik t.t.t.l. *Manufacture of diverse plastic products n.e.c.*
231	23101	Pembuatan kaca leper, termasuk kaca leper berdawai, berwarna atau sedikit berwarna *Manufacture of flat glass, including wired, coloured or tinted flat glass*
	23109	Pembuatan produk kaca lain t.t.t.l. *Manufacture of other glass products n.e.c.*
239	23921	Pembuatan seramik bukan refraktori *Manufacture of non-refractory ceramic*
	23930	Pembuatan produk porselin dan seramik lain *Manufacture of other porcelain and ceramic products*
	23941	Pembuatan simen hidraulik *Manufacture of hydraulic cement*
	23942	Pembuatan kapur dan plaster *Manufacture of lime and plaster*
	23951	Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering *Manufacture of ready-mix and dry-mix concrete and mortars*
	23952	Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan *Manufacture of precast concrete, cement or artificial stone articles for use in construction*
	23953	Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan *Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
	23959	Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l. *Manufacture of other articles of concrete, cement and plaster n.e.c.*
	23990	Pembuatan produk mineral bukan logam lain t.t.t.l. *Manufacture of other non-metallic mineral products n.e.c.*
241	24101	Pengeluaran jongkong besi dan spiegeleisen dalam bentuk jongkong, blok atau dalam bentuk asal lain *Production of pig iron and spiegeleisen in pigs, blocks or other primary forms*
	24102	Pembuatan batang dan rod keluli tahan karat atau keluli aloi lain *Production of bars and rods of stainless steel or other alloy steel*
	24103	Pembuatan tiub tidak berkelim, dengan penggelekan, picitan atau tempaan panas, atau dengan tempaan atau penggelekan sejuk *Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling*
	24109	Pembuatan produk besi asas dan keluli lain t.t.t.l. *Manufacture of other basic iron and steel products n.e.c.*
242	24201	Peleburan timah *Tin smelting*
	24202	Pengeluaran aluminium daripada alumina *Production of aluminium from alumina*
	24209	Pembuatan logam asas berharga dan logam bukan ferus lain t.t.t.l. *Manufacture of other basic precious and other non-ferrous metals n.e.c.*
251	25113	Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam *Manufacture of metal doors, windows and their frames, shutters and gates*
	25119	Pembuatan produk struktur logam lain *Manufacture of other structural metal products*
	25120	Pembuatan tangki, takungan dan kontena daripada logam *Manufacture of tanks, reservoirs and containers of metal*
259	25910	Tempaan, tekanan, hentakan dan bentuk gelekan logam; serbuk metalurgi *Forging, pressing, stamping and roll-forming of metal; powder metallurgy*
	25920	Rawatan dan penyalutan logam; menggunakan mesin *Treatment and coating of metals; machining*
	25991	Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat *Manufacture of tins and cans for food products, collapsible tubes and boxes*
	25992	Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam *Manufacture of metal cable, plaited bands and similar articles*
	25993	Pembuatan bolt, skru, nat dan produk uliran seumpamanya *Manufacture of bolts, screws, nuts and similar threaded products*
	25999	Pembuatan produk lain yang direka daripada logam t.t.t.l. *Manufacture of any other fabricated metal products n.e.c.*
261	26101	Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya *Manufacture of diodes, transistors and similar semiconductor devices*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
	26102	Pembuatan litar elektronik bersepadu dengan pemasangan mikro *Manufacture of electronic integrated circuits micro assemblies*
	26103	Pembuatan kapasitor dan perintang elektrik *Manufacture of electrical capacitors and resistors*
	26104	Pembuatan papan litar bercetak *Manufacture of printed circuit boards*
	26105	Pembuatan komponen paparan *Manufacture of display components*
	26109	Pembuatan komponen lain untuk aplikasi elektronik *Manufacture of other components for electronic applications*
262	26201	Pembuatan computer *Manufacture of computers*
	26202	Pembuatan kelengkapan peranti *Manufacture of peripheral equipment*
263	26300	Pembuatan peralatan komunikasi *Manufacture of communication equipment*
264	26400	Pembuatan elektronik pengguna *Manufacture of consumer electronics*
265	26511	Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan *Manufacture of measuring, testing, navigating and control equipment*
	26520	Pembuatan jam tangan dan jam dan bahagiannya *Manufacture of watches and clocks and parts*
266	26600	Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik *Manufacture of irradiation, electro medical and electrotherapeutic equipment*
267	26701	Pembuatan instrumen dan kelengkapan optikal *Manufacture of optical instruments and equipment*
	26702	Pembuatan peralatan fotografi *Manufacture of photographic equipment*
271	27101	Pembuatan motor elektrik, penjana dan transformer *Manufacture of electric motors, generators and transformers*
	27102	Pembuatan perkakasan pengagihan dan pengawalan elektrik *Manufacture of electricity distribution and control apparatus*
273	27310	Pembuatan kabel gentian optikal *Manufacture of fibre optic cables*
	27320	Pembuatan wayar dan kabel elektronik dan elektrik lain *Manufacture of other electronic and electric wires and cables*
275	27500	Pembuatan perkakasan domestic *Manufacture of domestic appliances*
281	28120	Pembuatan alat-alat kuasa bendalir *Manufacture of fluid power equipment*
	28130	Pembuatan pam, pemampat, kepala paip dan injap lain *Manufacture of other pumps, compressors, taps and valves*
	28140	Pembuatan penggalas, gear, elemen gear dan pemanduan *Manufacture of bearings, gears, gearing and driving elements*

Kumpulan *Group*	Kod MSIC 2008 *MSIC Code 2008*	Keterangan *Description*
	28160	Pembuatan kelengkapan mengangkat dan mengendali *Manufacture of lifting and handling equipment*
	28180	Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatic *Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives*
	28192	Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor *Manufacture of air-conditioning machines, including for motor vehicles*
282	28220	Pembuatan jentera pembentukan logam dan alatan mesin *Manufacture of metal-forming machinery and machine tools*
	28290	Pembuatan lain-lain mesin bertujuan khas t.t.t.l. *Manufacture of other special-purpose machinery n.e.c.*
291	29101	Pembuatan kereta penumpang *Manufacture of passenger cars*
293	29300	Pembuatan alat ganti dan aksesori untuk kenderaan bermotor *Manufacture of parts and accessories for motor vehicles*
301	30110	Pembinaan kapal dan struktur terapung *Building of ships and floating structures*
303	30300	Pembuatan pesawat dan kapal angkasa dan jentera berkaitan *Manufacture of air and spacecraft and related machinery*
309	30910	Pembuatan motosikal *Manufacture of motorcycles*
310	31001	Pembuatan perabot kayu dan rotan *Manufacture of wooden and cane furniture*
331	33150	Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal *Repair and maintenance of transport equipment except motorcycles and bicycles*